On-Demand Data Checklist
(used when no other TRC exists)
For Internal Use Only

Parameter: Glycols by LC/MS/MS
Procedure/Method/Reference: On Demand

Site Name: Dimock WO#: 1201015 Batch BB20201
Analyst: J. Gunderson Date given to Reviewer: 2/7/12
Matrix (circle): Solid / Aqueous / Other
Program (circle): Superfund / RCRA / WPD (NPDES) / SDWA / Other: OSWER

The signature below indicates the following:
- This data meets the needs of the customer according to the request.
- The analysis was performed as per the SOP, or exceptions documented.
- All documentation needed to recreate the analyses has been reviewed.
- Data Review status set to Peer Reviewed in Element.

Peer Reviewer signature Steve Wolding Date accepted 2-8-2012

If any data for this case is stored with another case file, give Site Name and WO# 1201013

Peer Reviewer Completes Section Below:

General:	YES	NO	N/A	Comments
Raw data is identified with sample IDs, site name, WO#, analyst name, date of analysis.	✓			
Quality Control: The case file must explain why this is a non-routine request	✓			

This is a special request which falls outside our routine protocols. Therefore, these samples were analyzed and the quality control (QC) were evaluated based on the "On Demand" criteria. These protocols include all the QC checks as per routine analyses plus special verification of the performance of the analytical method at the reported quantitation limit/s. These protocols are specified in the EPA Region III OASQA Laboratory Quality Manual, current version.

A written procedure or reference must be available for the method being performed and referenced in the narrative. If the method to be performed is unique, the procedures must be fully documented.	✓			
Calibration of the instrumentation or analytical procedure must be according to the method or procedure.	✓			
Calibration verified by analysis of second source standard (SCV,SRM), if available. Concentration must be in the range of the calibration. Results must be within the method, procedure, client or in-house limits.	✓			
Analysis of one method blank (BLK) with each batch. Ideally, the results should be less than the expected quantitation levels set by the method, procedure, or in-house requirements.	✓			
Analysis of one matrix spike (MS) with each batch. For samples or parameters which do not lend themselves to matrix spiking, aBS or SRM sample must be analyzed. Results of spikes must be within the method, procedure, client or in-house limits.	✓			

Analysis of one duplicate analyses (DUP) or a quality control sample such as an SRM or BS with each batch. If duplicate analyses is not possible, e.g., insufficient sample quantity, a quality control sample must be analyzed in duplicate, if available. Results of duplicate analyses must be within the method, procedure, client or in-house limits.	✓			
At least one blank spike (BS) must be carried through the entire method and analyzed with each batch. The concentration of the BS should be at the quantitation level or at the level of the expected sample results, if known. Results of the BS must be within the method, procedure, client or in-house limits.	✓			
Any additional quality control items, such as surrogates, internal standards, etc., which the referenced method or procedure requires, should be analyzed. Results must be within the method or procedure limits.			✓	
The analyst must document the impact on the usability of the reported data by applying qualifier codes if applicable and including a summary in the case file.	✓			
Calculations/Report:				
Calculations and transcriptions checked.	✓			
Element Draft Report reviewed.	✓			
Deviations and problems documented.	✓			

Additional Comments by Peer Reviewer:
No Comments - 2/8/12 Review of Samples 11-43. Batch BB20201

Analyst Ensures that the Data Case File is Complete and Accurate as per SOP R3QA-066:

- ✓ Bench sheet or Work Order list
- ✓ Sample Prep logs
- ✓ Instrument run log
- ✓ Standard/Reagent Prep log
- ✓ Appropriate TV sheets / Certificates of Analysis
- ✓ Element Peer Review report
- ✓ Raw data
- ✓ Data status set to analyzed

Additional Comments by Analyst on data issues:
Time date, std sheets, instrument methods in 1st package for Dimock WO 1201013
This is the 4th of several runs Batch BB20201

Glycol WO 1201015 -- Dimock Peer Reviewer: Stevie Wilding

Samples 1201015-11,13,15,17,19,21,25,26,30,31,33,37,39,41,43

8-Feb-12

2-Methoxyethanol	Primary	M (B)	b (A)	ug/L
SCV (aq)	80654	7.42E+02	6.25E+03	100.31
CCV 100	81416	7.42E+02	6.25E+03	101.34
BB20201-BS	76231	7.42E+02	6.25E+03	94.35
BB20201MS	84454	7.42E+02	6.25E+03	105.43
BB20201MSD	85637	7.42E+02	6.25E+03	107.03
BS (10)	8296	7.42E+02	6.25E+03	2.76

2-Butoxyethanol	Primary	M (B)	b (A)	ug/L
SCV (aq) 1200011	119595	5.65E+02	2.19E+03	207.69
SCV (aq) 1100499	62314	5.65E+02	2.19E+03	106.36
CCV 50ppb	28290	5.65E+02	2.19E+03	46.17
BB20201-BS	55601	5.65E+02	2.19E+03	94.48
BB20201MS	53915	5.65E+02	2.19E+03	91.50
BB20201MSD	59482	5.65E+02	2.19E+03	101.35
BS (25)	13759	5.65E+02	2.19E+03	20.46

Tetra ethylene glycol	Primary	M (B)	b (A)	ug/L
SCV (aq) 1200011	2921278	2.11E+04	4.79E+05	115.64
SCV (aq) 1100499	2850540	2.11E+04	4.79E+05	112.29
CCV ~~100~~ppb 50 [illegible]	1420796	2.11E+04	4.79E+05	44.59
BB20201-BS	2773999	2.11E+04	4.79E+05	108.67
BB20201MS	2581874	2.11E+04	4.79E+05	99.57
BB20201MSD	2633610	2.11E+04	4.79E+05	102.02
BS (25)	759127	2.11E+04	4.79E+05	13.26

Tri ethylene glycol	Primary	M (B)	b (A)	ug/L
SCV (aq) 1200011	946586	7.13E+03	2.01E+05	104.48
SCV (aq) 1100499	947014	7.13E+03	2.01E+05	104.54
CCV ~~100~~ppb 50 [illegible]	529848	7.13E+03	2.01E+05	46.06
BB20201-BS	996547	7.13E+03	2.01E+05	111.48
BB20201MS	902816	7.13E+03	2.01E+05	98.34
BB20201MSD	915645	7.13E+03	2.01E+05	100.14
BS (25)	279434	7.13E+03	2.01E+05	10.96

Di ethylene glycol	Primary	M (B)	b (A)	ug/L
SCV (aq) 1200011	8136	7.77E+01	3.16E+02	100.63
SCV (aq) 1100499	8886	7.77E+01	3.16E+02	110.29
CCV 50ppb	4987	7.77E+01	3.16E+02	60.11
BB20201-BS	9113	7.77E+01	3.16E+02	113.21
BB20201MS	8825	7.77E+01	3.16E+02	109.50
BB20201MSD	9542	7.77E+01	3.16E+02	118.73
BS (25)	2264	7.77E+01	3.16E+02	25.07

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013 15 ABW 2-8-12

Dimock Residential Groundwater

DAS R33907

Summary of Results / Project Information

run 4
2meth
+
glycols

1

EPA Region 3 - OASQA - GLYCOL SAMPLE PREPARATION LOG

BB20201 bch_glycol.rpt

Project:	DAS R33907	**Location:**	EPA #3 Shelf 1C
Work Order No:	1201015	**Client:**	OSWER - Emergency Response
Site Name:	Dimock Residential Groundwater	**Account#:**	2012T03N303DC6A3TARS00
Analysis:	Glycol by LC/MS/MS		
Matrix:	Water	**Bench Sheet Prepared Date:**	02/02/12 09:01

Analyst: T. Gundegler

Sample Prep date: 2/2/12

METHOD/SOP: On-Demand

DI Water Resistivity > 18 (MΩ-cm) (Y) / N

Reagent Purity correct: Y/N

Certificate of Analysis Log#: SNB114

Comments from WO:

EPA Region 3 - OASQA - GLYCOL SAMPLE PREPARATION LOG

BB20201 bch_glycol.rpt

Surrogate used:

LabNumber	Date Collected	Cont ID	Sample Type	Initial (mL)	Final (mL)	SourceID	Spike1	Spike1 Amount µl	Spike2	Spike2 Amount µl	ul Surrogate	ExtractionComments
1201015-11	01/30/12 15:32	K	SAM	1	1							71 Drinking Water
1201015-13	01/31/12 11:37	K	SAM	1	1							71 Drinking Water
1201015-15	01/31/12 10:26	K	SAM	1	1							71 Drinking Water
1201015-17	01/31/12 11:49	K	SAM	1	1							71 Drinking Water
1201015-19	01/30/12 16:12	K	SAM	1	1							71 Drinking Water
1201015-21	01/30/12 16:29	K	SAM	1	1							71 Drinking Water
1201015-25	02/01/12 10:45	K	SAM	1	1							71 Drinking Water
1201015-26	02/01/12 10:50	K	SAM	1	1							71 Drinking Water
1201015-30	02/01/12 10:49	K	SAM	1	1							71 Drinking Water
1201015-31	02/01/12 10:42	K	SAM	1	1							71 Drinking Water
1201015-33	02/01/12 11:42	K	SAM	1	1							71 Drinking Water
1201015-37	01/31/12 18:18	K	SAM	1	1							71 Drinking Water
1201015-39	01/31/12 18:18	K	SAM	1	1							71 Drinking Water
1201015-41	01/31/12 15:22	K	SAM	1	1							71 Drinking Water
1201015-43	01/31/12 14:15	K	SAM	1	1							71 Drinking Water
BB20201-BLK1	02/02/12 09:01			1	1	-						
BB20201-BS1	02/02/12 09:01			1	1	-	1200059	1000				glycols and 2-bu 100ppb
BB20201-BS2	02/02/12 09:01			1	1	-	1200066	1000				2-Me 100ppb
BB20201-MS1	01/31/12 11:49			1	1	1201015-17	1200054	200	1200012	100		
BB20201-MSD1	01/31/12 11:49			1	1	1201015-17	1200054	200	1200012	100		

on demand glycols for Dimock
WO 1201013 WO 1201015 retention time average
January/Feb 2012
run on Waters TQD system
G201
New gradient, all 4 glycols elute together
2-methoxyethanol run separately

Cmpd run 3	300.00	200.00	100.00	50ppb	ret time avg	std dev	3x std dev
diethylene glycol	1.812	1.817	1.811	1.811	1.813	0.0029	0.0086
triethylene glycol	3.111	3.111	3.111	3.109	3.111	0.0010	0.0030
tetraethylene glycol	5.963	5.960	5.958	5.958	5.960	0.0024	0.0071
2 butoxyethanol	11.155	11.156	11.153	11.155	11.155	0.0013	0.0038

2-methoxyethanol	250.000	100.000	50.000	25.000	ret time avg	std dev	3x std dev
	2.592	2.592	2.592	2.591	2.592	0.0005	0.0015

RT's are from preliminary default integration of initial calibration standards. Values may vary slightly in final processing

run 4

Cmpd	300.00	200.00	100.00	50ppb	ret time avg	std dev	3x std dev
diethylene glycol	1.801	1.806	1.807	1.810	1.806	0.0037	0.0112
triethylene glycol	3.091	3.096	3.093	3.086	3.092	0.0042	0.0126
tetraethylene glycol	5.931	5.932	5.930	5.928	5.930	0.0017	0.0051
2 butoxyethanol	11.113	11.110	11.107	11.114	11.111	0.0032	0.0095

2-methoxyethanol	250.000	100.000	50.000	25 ppb	ret time avg	std dev	3x std dev
2-methoxyethanol	2.593	2.596	2.597	2.601	2.597	0.0033	0.0099

Appendix C

Manual Integration Summary Form

Site Name: Dimock

Work Order Number: 120105

Check all reasons that apply:

( ) Manual integration performed to properly integrate unresolved peaks.

( ) Manual integration performed to separate closely eluting peaks with the same quantitation ion.

( ) Manual integration performed to remove coeluting interferent.

(✓) Manual integration performed to add a non-detected peak.

( ) Manual integration performed to identify correct peak.

( ) Manual integration performed due to peak splitting.

( ) Manual integration performed due to failure of the instrument response to return to baseline or a rise in the baseline.

( ) Manual integration performed to employ peak skimming due to coeluting peaks.

( ) Manual integration performed due to poor chromatography (peak shape).

Additional Notes:

Analyst: [signature] Date: 2/7/12

Peer Reviewer: Stevie Wilcoxy Date: 2/8/12

Rev. 5/4/11

EPA Region 3 - OASQA - GLYCOL SAMPLE PREPARATION LOG

BB20201 bch_glycol.rpt

Project:	DAS R33907	**Location:**	EPA #3 Shelf 1C
Work Order No:	1201015	**Client:**	OSWER - Emergency Response
Site Name:	Dimock Residential Groundwater	**Account#:**	2012T03N303DC6A3TARS00
Analysis:	Glycol by LC/MS/MS		
Matrix:	Water	**Bench Sheet Prepared Date:**	02/02/12 09:01

Analyst: J. Gonzalez

DI Water Resistivity > 18 (MΩ-cm) Y / N

Comments from WO: _____

Sample Prep date: 2/2/12

Reagent Purity correct: Y/N

METHOD/SOP: On-Demand

Certificate of Analysis Log#: SNB114

EPA Region 3 - OASQA - GLYCOL SAMPLE PREPARATION LOG

BB20201 bch_glycol.rpt

Surrogate used:

LabNumber	Date Collected	Cont ID	Sample Type	Initial (mL)	Final (mL)	SourceID	Spike1	Spike1 Amount µl	Spike2	Spike2 Amount µl	ul Surrogate	ExtractionComments
1201015-11	01/30/12 15:32	K	SAM	1	1							71 Drinking Water
1201015-13	01/31/12 11:37	K	SAM	1	1							71 Drinking Water
1201015-15	01/31/12 10:26	K	SAM	1	1							71 Drinking Water
1201015-17	01/31/12 11:49	K	SAM	1	1							71 Drinking Water
1201015-19	01/30/12 16:12	K	SAM	1	1							71 Drinking Water
1201015-21	01/30/12 16:29	K	SAM	1	1							71 Drinking Water
1201015-25	02/01/12 10:45	K	SAM	1	1							71 Drinking Water
1201015-26	02/01/12 10:50	K	SAM	1	1							71 Drinking Water
1201015-30	02/01/12 10:49	K	SAM	1	1							71 Drinking Water
1201015-31	02/01/12 10:42	K	SAM	1	1							71 Drinking Water
1201015-33	02/01/12 11:42	K	SAM	1	1							71 Drinking Water
1201015-37	01/31/12 18:18	K	SAM	1	1							71 Drinking Water
1201015-39	01/31/12 18:18	K	SAM	1	1							71 Drinking Water
1201015-41	01/31/12 15:22	K	SAM	1	1							71 Drinking Water
1201015-43	01/31/12 14:15	K	SAM	1	1							71 Drinking Water
BB20201-BLK1	02/02/12 09:01			1	1	-						
BB20201-BS1	02/02/12 09:01			1	1	-	1200059	1000				glycols and 2-bu 100ppb
BB20201-BS2	02/02/12 09:01			1	1	-	1200066	1000				2-Me 100ppb
BB20201-MS1	01/31/12 11:49			10	10	1201015-17	1200054	200	1200012	100		
BB20201-MSD1	01/31/12 11:49			10	10	1201015-17	1200054	200	1200012	100		

DRAFT

Report Narrative

Glycols by LC/MS/MS Note:
Samples were analyzed for diethylene glycol (DiG) (CAS# 111-46-6), triethylene glycol (TriG) (112-27-6), tetraethylene glycol (TeG) (112-60-7), 2-butoxyethanol (2-Bu) (111-76-2) and 2-methoxyethanol (109-86-4) by LC/MS/MS (inst id: TQD-LCMSMS) on a Waters Atlantis dC18 3um 2.1 x 150mm column (s/n-0141301481). See the case file for complete instrument method information.
An LC/MS/MS method does not currently exist for these analytes. ASTM D 7731-11 and EPA SW-846 Methods 8000C and 8321 were followed for method development and QA/QC limits where applicable. All applicable OASQA On Demand QA/QC protocols were followed.

The aqueous samples were injected without extraction onto the LC/MS/MS system

Refer to notes in the case file for additional information regarding the analysis.

SVOAs Analysis Note:
2,4-Dinitrophenol, pentachlorophenol, 4,6-dinitro-2-methylphenol, 2-methoxyethanol, 2,3,4,6-tetrachlorophenol, 4-nitrophenol, and hexachlorocyclopenatdiene were qualified "UJ" in samples "-01", "-02", "-03", "-04", and "-05" due to low recovery in the low spike (BB20102-BS1).
2-methoxyethanol and 1-methylnaphthalene were calibrated in a separate initial calibration from rest of the SVOC target compounds. RSDs were less than 20%.
OASQA's quality system dictates that low- and mid-level spikes are run for on demand analysis. These spikes have excellent recoveries.

DRAFT

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled	Date Received
EB01	1201015-01	Water	01/28/12 11:26	01/31/12 8:47
FB06	1201015-02	Water	01/30/12 09:30	01/31/12 8:47
HW18	1201015-03	Drinking Water	01/30/12 11:27	01/31/12 8:47
HW13	1201015-04	Drinking Water	01/30/12 11:23	01/31/12 8:47
HW18-P	1201015-05	Drinking Water	01/30/12 11:52	01/31/12 8:47
HW25-P	1201015-11	Drinking Water	01/30/12 15:32	02/1/12 9:35
HW26-P	1201015-13	Drinking Water	01/31/12 11:37	02/1/12 9:35
HW26	1201015-15	Drinking Water	01/31/12 10:26	02/1/12 9:35
HW35	1201015-17	Drinking Water	01/31/12 11:49	02/1/12 9:35
HW20	1201015-19	Drinking Water	01/30/12 16:12	02/1/12 9:35
HW20-P	1201015-21	Drinking Water	01/30/12 16:29	02/1/12 9:35
HW32	1201015-25	Drinking Water	02/01/12 10:45	02/2/12 10:50
HW32-P	1201015-26	Drinking Water	02/01/12 10:50	02/2/12 10:50
HW33	1201015-30	Drinking Water	02/01/12 10:49	02/2/12 10:50
HW33a-P	1201015-31	Drinking Water	02/01/12 10:42	02/2/12 10:50
HW33b-P	1201015-33	Drinking Water	02/01/12 11:42	02/2/12 10:50
HW29z	1201015-37	Drinking Water	01/31/12 18:18	02/2/12 10:50
HW29	1201015-39	Drinking Water	01/31/12 18:18	02/2/12 10:50
HW52	1201015-41	Drinking Water	01/31/12 15:22	02/2/12 10:50
FB07	1201015-43	Drinking Water	01/31/12 14:15	02/2/12 10:50

DRAFT

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-01								
Station ID: EB01								
Sample Matrix: Water								
Collected: 01/28/2012								
2-Butoxyethanol	U		5.0	ug/L	1	01/31/12	01/31/12 19:47	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	01/31/12	01/31/12 19:47	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	01/31/12	02/01/12 10:22	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	01/31/12	01/31/12 19:47	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	01/31/12	01/31/12 19:47	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-02								
Station ID: FB06								
Sample Matrix: Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	01/31/12	01/31/12 20:08	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	01/31/12	01/31/12 20:08	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	01/31/12	02/01/12 10:27	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	01/31/12	01/31/12 20:08	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	01/31/12	01/31/12 20:08	On-Demand

DRAFT

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-03								
Station ID: HW18								
Sample Matrix: Drinking Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	01/31/12	01/31/12 20:28	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	01/31/12	01/31/12 20:28	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	01/31/12	02/01/12 10:33	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	01/31/12	01/31/12 20:28	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	01/31/12	01/31/12 20:28	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-04								
Station ID: HW13								
Sample Matrix: Drinking Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	01/31/12	01/31/12 20:49	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	01/31/12	01/31/12 20:49	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	01/31/12	02/01/12 10:39	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	01/31/12	01/31/12 20:49	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	01/31/12	01/31/12 20:49	On-Demand

DRAFT

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-05								
Station ID: HW18-P								
Sample Matrix: Drinking Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	01/31/12	01/31/12 21:09	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	01/31/12	01/31/12 21:09	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	01/31/12	02/01/12 10:44	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	01/31/12	01/31/12 21:09	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	01/31/12	01/31/12 21:09	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-11								
Station ID: HW25-P								
Sample Matrix: Drinking Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/02/12 22:14	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/02/12 22:14	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:11	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/02/12 22:14	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/02/12 22:14	On-Demand

DRAFT

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-13								
Station ID: HW26-P								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/02/12 22:34	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/02/12 22:34	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:17	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/02/12 22:34	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/02/12 22:34	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-15								
Station ID: HW26								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/02/12 22:55	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/02/12 22:55	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:23	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/02/12 22:55	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/02/12 22:55	On-Demand

DRAFT

Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-17								
Station ID: HW35								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/02/12 23:15	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/02/12 23:15	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:28	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/02/12 23:15	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/02/12 23:15	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-19								
Station ID: HW20								
Sample Matrix: Drinking Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/02/12 23:36	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/02/12 23:36	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:34	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/02/12 23:36	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/02/12 23:36	On-Demand

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Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-21								
Station ID: HW20-P								
Sample Matrix: Drinking Water								
Collected: 01/30/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/02/12 23:57	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/02/12 23:57	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:39	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/02/12 23:57	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/02/12 23:57	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-25								
Station ID: HW32								
Sample Matrix: Drinking Water								
Collected: 02/01/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 00:58	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 00:58	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 13:56	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 00:58	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 00:58	On-Demand

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Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-26								
Station ID: HW32-P								
Sample Matrix: Drinking Water								
Collected: 02/01/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 01:19	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 01:19	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:01	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 01:19	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 01:19	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-30								
Station ID: HW33								
Sample Matrix: Drinking Water								
Collected: 02/01/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 02:20	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 02:20	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:18	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 02:20	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 02:20	On-Demand

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Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-31								
Station ID: HW33a-P								
Sample Matrix: Drinking Water								
Collected: 02/01/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 02:41	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 02:41	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:23	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 02:41	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 02:41	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-33								
Station ID: HW33b-P								
Sample Matrix: Drinking Water								
Collected: 02/01/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 03:01	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 03:01	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:29	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 03:01	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 03:01	On-Demand

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Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-37								
Station ID: HW29z								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 03:22	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 03:22	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:34	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 03:22	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 03:22	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-39								
Station ID: HW29								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 03:42	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 03:42	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:40	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 03:42	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 03:42	On-Demand

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Site Name: **Dimock Residential Groundwater** **Project #:** **DAS R33907**

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-41								
Station ID: HW52								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 04:03	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 04:03	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:46	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 04:03	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 04:03	On-Demand

HPLC Identification

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID: 1201015-43								
Station ID: FB07								
Sample Matrix: Drinking Water								
Collected: 01/31/2012								
2-Butoxyethanol	U		5.0	ug/L	1	02/02/12	02/03/12 04:23	On-Demand
Diethylene Glycol	U		50.0	ug/L	1	02/02/12	02/03/12 04:23	On-Demand
2-Methoxyethanol	U		10.0	ug/L	1	02/02/12	02/02/12 14:51	On-Demand
Tetraethylene Glycol	U		25.0	ug/L	1	02/02/12	02/03/12 04:23	On-Demand
Triethylene Gycol	U		25.0	ug/L	1	02/02/12	02/03/12 04:23	On-Demand

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Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

QC Data
HPLC Identification

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BA22902 - LC/MS prep										
Blank (BA22902-BLK1)				Prepared: 01/29/12 15:07			Analyzed: 01/31/12 15:41			
2-Butoxyethanol	U	5.0	ug/L							
Diethylene Glycol	U	50.0	"							
2-Methoxyethanol	U	10.0	"							
Tetraethylene Glycol	U	25.0	"							
Triethylene Gycol	U	25.0	"							
LCS (BA22902-BS1)				Prepared: 01/29/12 15:07			Analyzed: 01/31/12 00:00			
2-Butoxyethanol	U	5.0	ug/L				80-120			
Diethylene Glycol	U	50.0	"				80-120			
2-Methoxyethanol	5.9	10.0	"	9.6600		61	80-120			A
Tetraethylene Glycol	U	25.0	"				80-120			
Triethylene Gycol	U	25.0	"				80-120			
LCS (BA22902-BS2)				Prepared: 01/29/12 15:07			Analyzed: 01/29/12 16:00			
2-Butoxyethanol	115	5.0	ug/L	100.00		115	80-120			
Diethylene Glycol	90.2	50.0	"	100.00		90	80-120			
2-Methoxyethanol	U	10.0	"				80-120			
Tetraethylene Glycol	105	25.0	"	100.00		105	80-120			
Triethylene Gycol	108	25.0	"	100.00		108	80-120			
Batch BB20201 - LC/MS prep										
Blank (BB20201-BLK1)				Prepared: 02/02/12 09:01			Analyzed: 02/02/12 21:53			
2-Butoxyethanol	U	5.0	ug/L							
Diethylene Glycol	U	50.0	"							
2-Methoxyethanol	U	10.0	"							
Tetraethylene Glycol	U	25.0	"							
Triethylene Gycol	U	25.0	"							

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Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

QC Data
HPLC Identification

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BB20201 - LC/MS prep										
LCS (BB20201-BS1)				Prepared: 02/02/12 09:01			Analyzed: 02/03/12 02:00			
2-Butoxyethanol	94.8	5.0	ug/L	100.00		95	80-120			
Diethylene Glycol	113	50.0	"	100.00		113	80-120			
2-Methoxyethanol	U	10.0	"				80-120			
Tetraethylene Glycol	109	25.0	"	100.00		109	80-120			
Triethylene Gycol	111	25.0	"	100.00		111	80-120			
LCS (BB20201-BS2)				Prepared: 02/02/12 09:01			Analyzed: 02/02/12 14:12			
2-Butoxyethanol	U	5.0	ug/L				80-120			
Diethylene Glycol	U	50.0	"				80-120			
2-Methoxyethanol	94.3	10.0	"	96.600		98	80-120			
Tetraethylene Glycol	U	25.0	"				80-120			
Triethylene Gycol	U	25.0	"				80-120			
Matrix Spike (BB20201-MS1)		**Source: 1201015-17**		Prepared: 02/02/12 09:01			Analyzed: 02/03/12 00:17			
2-Butoxyethanol	91.8	5.0	ug/L	100.00	0.0	92	70-130			
Diethylene Glycol	110	50.0	"	100.00	0.0	110	70-130			
2-Methoxyethanol	105	10.0	"	96.600	0.0	109	70-130			
Tetraethylene Glycol	99.6	25.0	"	100.00	0.0	100	70-130			
Triethylene Gycol	98.3	25.0	"	100.00	0.0	98	70-130			
Matrix Spike Dup (BB20201-MSD1)		**Source: 1201015-17**		Prepared: 02/02/12 09:01			Analyzed: 02/03/12 00:38			
2-Butoxyethanol	102	5.0	ug/L	100.00	0.0	102	70-130	10	25	
Diethylene Glycol	119	50.0	"	100.00	0.0	119	70-130	8	25	
2-Methoxyethanol	107	10.0	"	96.600	0.0	111	70-130	2	25	
Tetraethylene Glycol	102	25.0	"	100.00	0.0	102	70-130	2	25	
Triethylene Gycol	100	25.0	"	100.00	0.0	100	70-130	2	25	

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Site Name: Dimock Residential Groundwater **Project #: DAS R33907**

Notes and Definitions

A	Quality control value is outside acceptance limits.
%REC	Percent Recovery
RPD	Relative Percent Difference
U	Analyte included in the analysis, but not detected at or above the quantitation limit.

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

REPORTING PROTOCOL FOR SOLID SAMPLE RESULTS: Percent Solids (percent dry wt at 105 degrees C) determinations are routinely performed for most organic and inorganic analyses. Consequently, these samples are analyzed wet and converted to a dry weight result for reporting purposes. If metals and mercury analyses are requested, they are routinely prepared for analyses by an initial drying at 60 degrees C, homogenized prior to digestion, and are analyzed and reported on a dry weight basis. Oil-type samples are analyzed and reported on a wet weight basis for all analyses because of the nature of the sample matrix. Any exceptions to this protocol will be noted in the narrative.

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
	Glycol by LC/MS/MS	(Water)	Result calculations based on MDL
	Glycol by LC/MS/MS	(Water)	Special Units: (ug/L)
1201015-11	Glycol by LC/MS/MS		Status is Analyzed
1201015-13	Glycol by LC/MS/MS		Status is Analyzed
1201015-15	Glycol by LC/MS/MS		Status is Analyzed
1201015-17	Glycol by LC/MS/MS		Status is Analyzed
1201015-19	Glycol by LC/MS/MS		Status is Analyzed
1201015-21	Glycol by LC/MS/MS		Status is Analyzed
1201015-25	Glycol by LC/MS/MS		Status is Analyzed
1201015-26	Glycol by LC/MS/MS		Status is Analyzed
1201015-30	Glycol by LC/MS/MS		Status is Analyzed
1201015-31	Glycol by LC/MS/MS		Status is Analyzed
1201015-33	Glycol by LC/MS/MS		Status is Analyzed
1201015-37	Glycol by LC/MS/MS		Status is Analyzed
1201015-39	Glycol by LC/MS/MS		Status is Analyzed
1201015-41	Glycol by LC/MS/MS		Status is Analyzed
1201015-43	Glycol by LC/MS/MS		Status is Analyzed
BA22902-BS1	Glycol by LC/MS/MS	2-Methoxyethanol	Exceeds lower control limit
BA22902-BS1	Glycol by LC/MS/MS	2-Butoxyethanol	No spike level
BA22902-BS1	Glycol by LC/MS/MS	Diethylene Glycol	No spike level
BA22902-BS1	Glycol by LC/MS/MS	Tetraethylene Glycol	No spike level
BA22902-BS1	Glycol by LC/MS/MS	Triethylene Gycol	No spike level
BA22902-BS2	Glycol by LC/MS/MS	2-Methoxyethanol	No spike level
BB20201-BS1	Glycol by LC/MS/MS	2-Methoxyethanol	No spike level
BB20201-BS2	Glycol by LC/MS/MS	2-Butoxyethanol	No spike level
BB20201-BS2	Glycol by LC/MS/MS	Diethylene Glycol	No spike level
BB20201-BS2	Glycol by LC/MS/MS	Tetraethylene Glycol	No spike level
BB20201-BS2	Glycol by LC/MS/MS	Triethylene Gycol	No spike level

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013

Dimock Residential Groundwater

DAS R33907

Log Book Copies, Run Logs

Glycols run 4

processing meth & run log
stability response check

	SampleName	Vial	Injection	Sample Type	Date Acquired
1	1200058 glycol mix 200ppb ultra	1:4	1	Unknown	2/2/2012 4:46:18 PM EST
2	1200058 glycol mix 200ppb ultra	1:4	2	Unknown	2/2/2012 5:06:45 PM EST
3	1200058 glycol mix 200ppb ultra	1:4	3	Unknown	2/2/2012 5:27:11 PM EST
4	LCB 1	2:1	1	Unknown	2/2/2012 5:47:41 PM EST
5	1200055 glycol mix 500ppb ultra	1:1	1	Standard	2/2/2012 6:08:10 PM EST
6	1200056 glycol mix 400ppb ultra	1:2	1	Standard	2/2/2012 6:28:40 PM EST
7	1200057 glycol mix 300ppb ultra	1:3	1	Standard	2/2/2012 6:49:11 PM EST
8	1200058 glycol mix 200ppb ultra	1:4	1	Standard	2/2/2012 7:09:41 PM EST
9	1200059 glycol mix 100ppb ultra	1:5	1	Standard	2/2/2012 7:30:12 PM EST
10	1200060 glycol mix 50ppb ultra	1:6	1	Standard	2/2/2012 7:50:45 PM EST
11	1200061 glycol mix 25ppb ultra	1:7	1	Standard	2/2/2012 8:11:18 PM EST
12	1200062 glycol mix 10ppb ultra	1:8	1	Standard	2/2/2012 8:31:52 PM EST
13	1200063 glycol mix 5ppb ultra	1:9	1	Standard	2/2/2012 8:52:21 PM EST
14	1200011 glycol 100ppb SCV accu	1:10	1	Unknown	2/2/2012 9:12:53 PM EST
15	1100499 glycol 100ppb SCV accu	1:12	1	Unknown	2/2/2012 9:33:25 PM EST
16	LCB 2 BB20201- BLK1	2:9	1	Unknown	2/2/2012 9:53:54 PM EST
17	1201015-11	2:34	1	Unknown	2/2/2012 10:14:25 PM EST
18	1201015-13	2:35	1	Unknown	2/2/2012 10:34:55 PM EST
19	1201015-15	2:36	1	Unknown	2/2/2012 10:55:26 PM EST
20	1201015-17	2:37	1	Unknown	2/2/2012 11:15:56 PM EST
21	1201015-19	2:38	1	Unknown	2/2/2012 11:36:28 PM EST
22	1201015-21	2:39	1	Unknown	2/2/2012 11:57:01 PM EST
23	1201015-17MS BB20201 MS1	2:40	1	Unknown	2/3/2012 12:17:34 AM EST
24	1201015-17MSD BB20201 MSD1	2:41	1	Unknown	2/3/2012 12:38:04 AM EST
25	1201015-25	2:42	1	Unknown	2/3/2012 12:58:34 AM EST
26	1201015-26	2:43	1	Unknown	2/3/2012 1:19:05 AM EST
27	LCB 3	2:9	1	Unknown	2/3/2012 1:39:31 AM EST
28	1200059 BB20201BS1 CCV 100 ultra	1:5	1	Unknown	2/3/2012 2:00:04 AM EST
29	1201015-30	2:44	1	Unknown	2/3/2012 2:20:35 AM EST
30	1201015-31	2:45	1	Unknown	2/3/2012 2:41:06 AM EST
31	1201015-33	2:46	1	Unknown	2/3/2012 3:01:39 AM EST
32	1201015-37	2:47	1	Unknown	2/3/2012 3:22:12 AM EST
33	1201015-39	2:48	1	Unknown	2/3/2012 3:42:46 AM EST
34	1201015-41	1:17	1	Unknown	2/3/2012 4:03:16 AM EST
35	1201015-43	1:18	1	Unknown	2/3/2012 4:23:46 AM EST
36	LCB 4	2:9	1	Unknown	2/3/2012 4:44:17 AM EST
37	1200061 gly low bs 25ppb ultra	1:7	1	Unknown	2/3/2012 5:04:47 AM EST
38	1200062 glycol mix 10ppb ultra	1:8	1	Unknown	2/3/2012 5:25:21 AM EST
39	1200063 glycol mix 5ppb ultra	1:9	1	Unknown	2/3/2012 5:45:50 AM EST
40	CCV 1200060 glycol 50ppb ultra	1:6	1	Unknown	2/3/2012 6:06:22 AM EST
41	LCB 5	2:9	1	Unknown	2/3/2012 6:26:51 AM EST
42	LCB 5	2:9	1	Unknown	2/3/2012 6:47:42 AM EST

	Sample Set Name
1	WO 1201013 Dimock glycol run 4

	Sample Set Name
2	WO 1201013 Dimock glycol run 4

	Sample Set Name
3	WO 1201013 Dimock glycol run 4

	Sample Set Name
4	WO 1201013 Dimock glycol run 4
5	WO 1201013 Dimock glycol run 4
6	WO 1201013 Dimock glycol run 4
7	WO 1201013 Dimock glycol run 4
8	WO 1201013 Dimock glycol run 4
9	WO 1201013 Dimock glycol run 4
10	WO 1201013 Dimock glycol run 4
11	WO 1201013 Dimock glycol run 4
12	WO 1201013 Dimock glycol run 4
13	WO 1201013 Dimock glycol run 4
14	WO 1201013 Dimock glycol run 4
15	WO 1201013 Dimock glycol run 4
16	WO 1201013 Dimock glycol run 4
17	WO 1201013 Dimock glycol run 4
18	WO 1201013 Dimock glycol run 4
19	WO 1201013 Dimock glycol run 4
20	WO 1201013 Dimock glycol run 4
21	WO 1201013 Dimock glycol run 4
22	WO 1201013 Dimock glycol run 4
23	WO 1201013 Dimock glycol run 4
24	WO 1201013 Dimock glycol run 4
25	WO 1201013 Dimock glycol run 4
26	WO 1201013 Dimock glycol run 4
27	WO 1201013 Dimock glycol run 4
28	WO 1201013 Dimock glycol run 4
29	WO 1201013 Dimock glycol run 4
30	WO 1201013 Dimock glycol run 4
31	WO 1201013 Dimock glycol run 4
32	WO 1201013 Dimock glycol run 4
33	WO 1201013 Dimock glycol run 4
34	WO 1201013 Dimock glycol run 4
35	WO 1201013 Dimock glycol run 4
36	WO 1201013 Dimock glycol run 4
37	WO 1201013 Dimock glycol run 4
38	WO 1201013 Dimock glycol run 4
39	WO 1201013 Dimock glycol run 4
40	WO 1201013 Dimock glycol run 4
41	WO 1201013 Dimock glycol run 4
42	WO 1201013 Dimock glycol run 4

Sample Set Method: WO 1201013 Dimock glycol run 4

	Plate/Well	Inj Vol (uL)	# of Injs	SampleName	Level	Function	Method Set / Report Method	Run Time (Minutes)	Next Inj. Delay (Minutes)
1	1:4	30.0	3	1200058 glycol mix 200ppb ultra		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
2	2:1	30.0	1	LCB 1		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
3	1:1	30.0	1	1200055 glycol mix 500ppb ultra	1	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
4	1:2	30.0	1	1200056 glycol mix 400ppb ultra	2	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
5	1:3	30.0	1	1200057 glycol mix 300ppb ultra	3	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
6	1:4	30.0	1	1200058 glycol mix 200ppb ultra	4	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
7	1:5	30.0	1	1200059 glycol mix 100ppb ultra	5	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
8	1:6	30.0	1	1200060 glycol mix 50ppb ultra	6	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
9	1:7	30.0	1	1200061 glycol mix 25ppb ultra	7	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
10	1:8	30.0	1	1200062 glycol mix 10ppb ultra	8	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
11	1:9	30.0	1	1200063 glycol mix 5ppb ultra	9	Inject Standards	MRM 4 glycol oct 2011	13.00	6.00
12	1:10	30.0	1	1200011 glycol 100ppb SCV accu		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
13	1:12	30.0	1	1100499 glycol 100ppb SCV accu		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
14	2:9	30.0	1	LCB 2 BB20201- BLK1		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
15	2:34	30.0	1	1201015-11		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
16	2:35	30.0	1	1201015-13		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
17	2:36	30.0	1	1201015-15		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
18	2:37	30.0	1	1201015-17		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
19	2:38	30.0	1	1201015-19		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
20	2:39	30.0	1	1201015-21		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
21	2:40	30.0	1	1201015-17MS BB20201 MS1		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
22	2:41	30.0	1	1201015-17MSD BB20201 MSD1		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
23	2:42	30.0	1	1201015-25		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
24	2:43	30.0	1	1201015-26		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
25	2:9	30.0	1	LCB 3		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
26	1:5	30.0	1	1200059 BB20201BS1 CCV 100 ultra		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
27	2:44	30.0	1	1201015-30		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
28	2:45	30.0	1	1201015-31		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
29	2:46	30.0	1	1201015-33		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
30	2:47	30.0	1	1201015-37		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
31	2:48	30.0	1	1201015-39		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
32	1:17	30.0	1	1201015-41		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
33	1:18	30.0	1	1201015-43		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
34	2:9	30.0	1	LCB 4		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
35	1:7	30.0	1	1200061 gly low bs 25ppb ultra		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
36	1:8	30.0	1	1200062 glycol mix 10ppb ultra		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
37	1:9	30.0	1	1200063 glycol mix 5ppb ultra		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
38	1:6	30.0	1	CCV 1200060 glycol 50ppb ultra		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00
39	2:9	30.0	1	LCB 5		Inject Samples	MRM 4 glycol oct 2011	13.00	6.00

	MS Tune Method	MS Calibration Method	SampleWeight	Dilution	analyst	coll_date	extr_date	hplc_column	inst
1	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
2	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
3	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
4	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
5	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
6	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
7	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS

Sample Set Method: WO 1201013 Dimock glycol run 4

	MS Tune Method	MS Calibration Method	SampleWeight	Dilution	analyst	coll_date	extr_date	hplc_column	inst
8	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
9	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
10	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
11	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
12	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
13	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
14	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
15	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01302012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
16	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
17	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
18	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
19	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01302012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
20	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01302012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
21	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
22	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
23	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
24	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
25	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
26	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
27	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
28	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
29	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
30	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
31	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
32	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
33	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
34	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
35	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
36	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
37	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
38	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
39	tetraethylene glycol	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS

Method Set: WO 1201013 Dimockglyc proc 4

Stored: 2/3/2012 5:09:16 PM EST

General Information

Method Comments	
Method Modified User	System
Method Locked	No
Method Id	9043
Method Version	2
Method Edit User	
Source S/W Info	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731
Instrument Method	MRM 4 glycol oct 2011
Report Method	
3D Blank Chromatogram	
Processing Method	Glycol Mix 0425
Export Method	
Store Derived Channel	No
Delete 3D Chrom	No

Method Set Table

	Channel Name	Processing Method	Report Method
1	TQ 1: MRM Ch1	WO 1201013 Dimock gly proc 4	
2	TQ 1: MRM Ch2	WO 1201013 Dimock gly proc 4	
3	TQ 2: MRM Ch1	WO 1201013 Dimock gly proc 4	
4	TQ 2: MRM Ch2	WO 1201013 Dimock gly proc 4	
5	TQ 3: MRM Ch1	WO 1201013 Dimock gly proc 4	
6	TQ 3: MRM Ch2	WO 1201013 Dimock gly proc 4	
7	TQ 4: MRM Ch1	WO 1201013 Dimock gly proc 4	
8	TQ 4: MRM Ch2	WO 1201013 Dimock gly proc 4	

Revision History

Version 2 2/3/2012 5:09:16 PM EST User System
Version 1 2/3/2012 5:08:48 PM EST User System

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User	Method Locked
1	WO 1201013 Dimockglyc proc 4	Method Set		2/3/2012 5:09:16 PM EST	System	No
2	WO 1201013 Dimockglyc proc 4	Method Set		2/3/2012 5:08:48 PM EST	System	No

Method Version Summaries

	Method Id	Method Version	Source S/W Info
1	9043	2	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731
2	9042	1	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731

Processing Method: WO 1201013 Dimock gly proc 4

Type: LC *Stored: 2/3/2012 5:05:52 PM EST*

Method Information

Method Comments	
Method Modified User	System
Method Locked	No
Method Id	9032
Method Version	2
Method Edit User	
Source S/W Info	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731
Integration Algorithm	Traditional
Average By	None
RT Window %	5.00
Update RT	Never
CCalRef1	
Include Internal Standard Amounts in Amount Calculation	No
Vial/Default Value Type	Amount

Integration Parameters

Minimum Area	1500(µV*sec)
Minimum Height	15(µV)
Threshold	2.000(µV/sec)
Peak Width	15.00(sec)

Processing Method Group 'Integration Events' table contains no data.

Component Table

	Name	Peak Label	Retention Time (min)	RT Window (min)	Channel	Peak Match	Y Value	X Value	Fit
1	di ethylene glycol		1.806	0.090	TQ 1: MRM Ch1	Closest	Area	Amount	Linear
2	di ethylene glycol conf		1.806	0.090	TQ 1: MRM Ch2	Closest	Area	Amount	Linear
3	tri ethylene glycol		3.092	0.155	TQ 2: MRM Ch1	Closest	Area	Amount	Linear
4	tri ethylene glycol conf		3.092	0.155	TQ 2: MRM Ch2	Closest	Area	Amount	Linear
5	tetra ethylene glycol		5.930	0.297	TQ 3: MRM Ch1	Closest	Area	Amount	Linear
6	tetra ethylene glycol conf		5.930	0.297	TQ 3: MRM Ch2	Closest	Area	Amount	Linear
7	2 butoxyethanol conf		11.111	0.556	TQ 4: MRM Ch1	Closest	Area	Amount	Linear
8	2 butoxyethanol		11.111	0.556	TQ 4: MRM Ch2	Closest	Area	Amount	Linear

Component Table

	Weighting	Internal Std	RT Reference	Rel RT Reference	Rel Resol Reference	Curve Reference	Relative Response	Must	Default Pk
1	None						1.000000	No	No
2	None						1.000000	No	No
3	None						1.000000	No	No

Component Table

	Weighting	Internal Std	RT Reference	Rel RT Reference	Rel Resol Reference	Curve Reference	Relative Response	Must	Default Pk
4	None						1.000000	No	No
5	None						1.000000	No	No
6	None						1.000000	No	No
7	None						1.000000	No	No
8	None						1.000000	No	No

Component Table

	Default Pk Start (min)	Defaujt Pk End (min)	Default Units	Type	CCompRef1	CCompRef2	CCompRef3	CConst1	CConst2	CConst3
1				Single						
2				Single						
3				Single						
4				Single						
5				Single						
6				Single						
7				Single						
8				Single						

Component Table

	CConst4	CConst5	CConst6	CConst7
1				
2				
3				
4				
5				
6				
7				
8				

Processing Method Group 'Name Groups' table contains no data.

Processing Method Group 'Time Groups' table contains no data.

Def Amts-'di ethylene glycol'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	5	100.000000
4	6	50.000000
5	7	25.000000
6	1	500.000000
7	2	400.000000

Def Amts-'di ethylene glycol conf'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	1	500.000000
4	2	400.000000

Def Amts-'tri ethylene glycol'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	5	100.000000
4	6	50.000000
5	7	25.000000
6	1	500.000000
7	2	400.000000

Def Amts-'tri ethylene glycol conf'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	1	500.000000
4	2	400.000000

Def Amts-'tetra ethylene glycol'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	5	100.000000
4	6	50.000000
5	7	25.000000
6	1	500.000000
7	2	400.000000

NO IDEA why these are out of order but level #s are correct
JJ 2/3/12

Def Amts-'tetra ethylene glycol conf'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	1	500.000000
4	2	400.000000

Def Amts-'2 butoxyethanol conf'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	5	100.000000
4	6	50.000000
5	7	25.000000
6	8	10.000000
7	1	500.000000
8	2	400.000000

Def Amts-'2 butoxyethanol'

	Level	Default Value
1	3	300.000000
2	4	200.000000
3	5	100.000000
4	6	50.000000
5	7	25.000000
6	8	10.000000
7	9	5.000000
8	1	500.000000
9	2	400.000000

Noise and Drift Parameters

Calculate Detector Noise and Drift	No
Detector Noise and Drift Start Time	6.500(Minutes)
Detector Noise and Drift End Time	7.000(Minutes)
Detector Noise and Drift Segment Width	10(sec)

Concentration Smoothing/Offset Parameters

Time Offset	0.000(Minutes)
Smoothing Type	Mean
Smoothing Level	13
Empty parameters supersede the derived channel's smoothing and offset parameters	No

Revision History

Version 2 2/3/2012 5:05:52 PM EST User System
Version 1 2/3/2012 5:03:01 PM EST User System

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User	Method Locked
1	WO 1201013 Dimock gly proc 4	Processing		2/3/2012 5:05:52 PM EST	System	No
2	WO 1201013 Dimock gly proc 4	Processing		2/3/2012 5:03:01 PM EST	System	No

Method Version Summaries

	Method Id	Method Version	Source S/W Info
1	9032	2	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731

Method Version Summaries

	Method Id	Method Version	Source S/W Info
2	9026	1	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731

Project Name: WO 1201013 Dimock

jlg MRM stab ck Summary w_avg

Glycol stability check - OK
dg 2/7/12

no criteria defined for this - just checking for stable response & no trend up or down

Component Summary For Amount
Channel: TQ 1: MRM Ch1

	SampleName	Inj	Channel	Vial	Date Acquired	di ethylene glycol
1	1200058 glycol mix 200ppb ultra	1	TQ 1: MRM Ch1	1:4	2/2/2012 4:46:18 PM EST	201.363
2	1200058 glycol mix 200ppb ultra	2	TQ 1: MRM Ch1	1:4	2/2/2012 5:06:45 PM EST	215.465
3	1200058 glycol mix 200ppb ultra	3	TQ 1: MRM Ch1	1:4	2/2/2012 5:27:11 PM EST	205.946
Mean						207.591
Std. Dev.						7.194

Component Summary For Amount
Channel: TQ 1: MRM Ch2

	SampleName	Inj	Channel	Vial	Date Acquired	di ethylene glycol conf
1	1200058 glycol mix 200ppb ultra	1	TQ 1: MRM Ch2	1:4	2/2/2012 4:46:18 PM EST	182.770
2	1200058 glycol mix 200ppb ultra	2	TQ 1: MRM Ch2	1:4	2/2/2012 5:06:45 PM EST	205.540
3	1200058 glycol mix 200ppb ultra	3	TQ 1: MRM Ch2	1:4	2/2/2012 5:27:11 PM EST	208.491
Mean						198.934
Std. Dev.						14.076

Component Summary For Amount
Channel: TQ 2: MRM Ch1

	SampleName	Inj	Channel	Vial	Date Acquired	tri ethylene glycol
1	1200058 glycol mix 200ppb ultra	1	TQ 2: MRM Ch1	1:4	2/2/2012 4:46:18 PM EST	195.870
2	1200058 glycol mix 200ppb ultra	2	TQ 2: MRM Ch1	1:4	2/2/2012 5:06:45 PM EST	211.324
3	1200058 glycol mix 200ppb ultra	3	TQ 2: MRM Ch1	1:4	2/2/2012 5:27:11 PM EST	214.892
Mean						207.362
Std. Dev.						10.111

Component Summary For Amount
Channel: TQ 2: MRM Ch2

	SampleName	Inj	Channel	Vial	Date Acquired	tri ethylene glycol conf
1	1200058 glycol mix 200ppb ultra	1	TQ 2: MRM Ch2	1:4	2/2/2012 4:46:18 PM EST	177.144
2	1200058 glycol mix 200ppb ultra	2	TQ 2: MRM Ch2	1:4	2/2/2012 5:06:45 PM EST	192.958

Project Name: WO 1201013 Dimock

jlg MRM stab ck Summary w_avg

Component Summary For Amount
Channel: TQ 2: MRM Ch2

	SampleName	Inj	Channel	Vial	Date Acquired	tri ethylene glycol conf
3	1200058 glycol mix 200ppb ultra	3	TQ 2: MRM Ch2	1:4	2/2/2012 5:27:11 PM EST	196.052
Mean						188.718
Std. Dev.						10.142

Component Summary For Amount
Channel: TQ 3: MRM Ch1

	SampleName	Inj	Channel	Vial	Date Acquired	tetra ethylene glycol
1	1200058 glycol mix 200ppb ultra	1	TQ 3: MRM Ch1	1:4	2/2/2012 4:46:18 PM EST	219.107
2	1200058 glycol mix 200ppb ultra	2	TQ 3: MRM Ch1	1:4	2/2/2012 5:06:45 PM EST	224.261
3	1200058 glycol mix 200ppb ultra	3	TQ 3: MRM Ch1	1:4	2/2/2012 5:27:11 PM EST	217.590
Mean						220.319
Std. Dev.						3.497

Component Summary For Amount
Channel: TQ 3: MRM Ch2

	SampleName	Inj	Channel	Vial	Date Acquired	tetra ethylene glycol conf
1	1200058 glycol mix 200ppb ultra	1	TQ 3: MRM Ch2	1:4	2/2/2012 4:46:18 PM EST	202.909
2	1200058 glycol mix 200ppb ultra	2	TQ 3: MRM Ch2	1:4	2/2/2012 5:06:45 PM EST	209.747
3	1200058 glycol mix 200ppb ultra	3	TQ 3: MRM Ch2	1:4	2/2/2012 5:27:11 PM EST	206.354
Mean						206.337
Std. Dev.						3.419

Component Summary For Amount
Channel: TQ 4: MRM Ch1

	SampleName	Inj	Channel	Vial	Date Acquired	2 butoxyethanol conf
1	1200058 glycol mix 200ppb ultra	1	TQ 4: MRM Ch1	1:4	2/2/2012 4:46:18 PM EST	194.187
2	1200058 glycol mix 200ppb ultra	2	TQ 4: MRM Ch1	1:4	2/2/2012 5:06:45 PM EST	189.428
3	1200058 glycol mix 200ppb ultra	3	TQ 4: MRM Ch1	1:4	2/2/2012 5:27:11 PM EST	203.712
Mean						195.776
Std. Dev.						7.273

Project Name: WO 1201013 Dimock

jlg MRM stab ck Summary w_avg

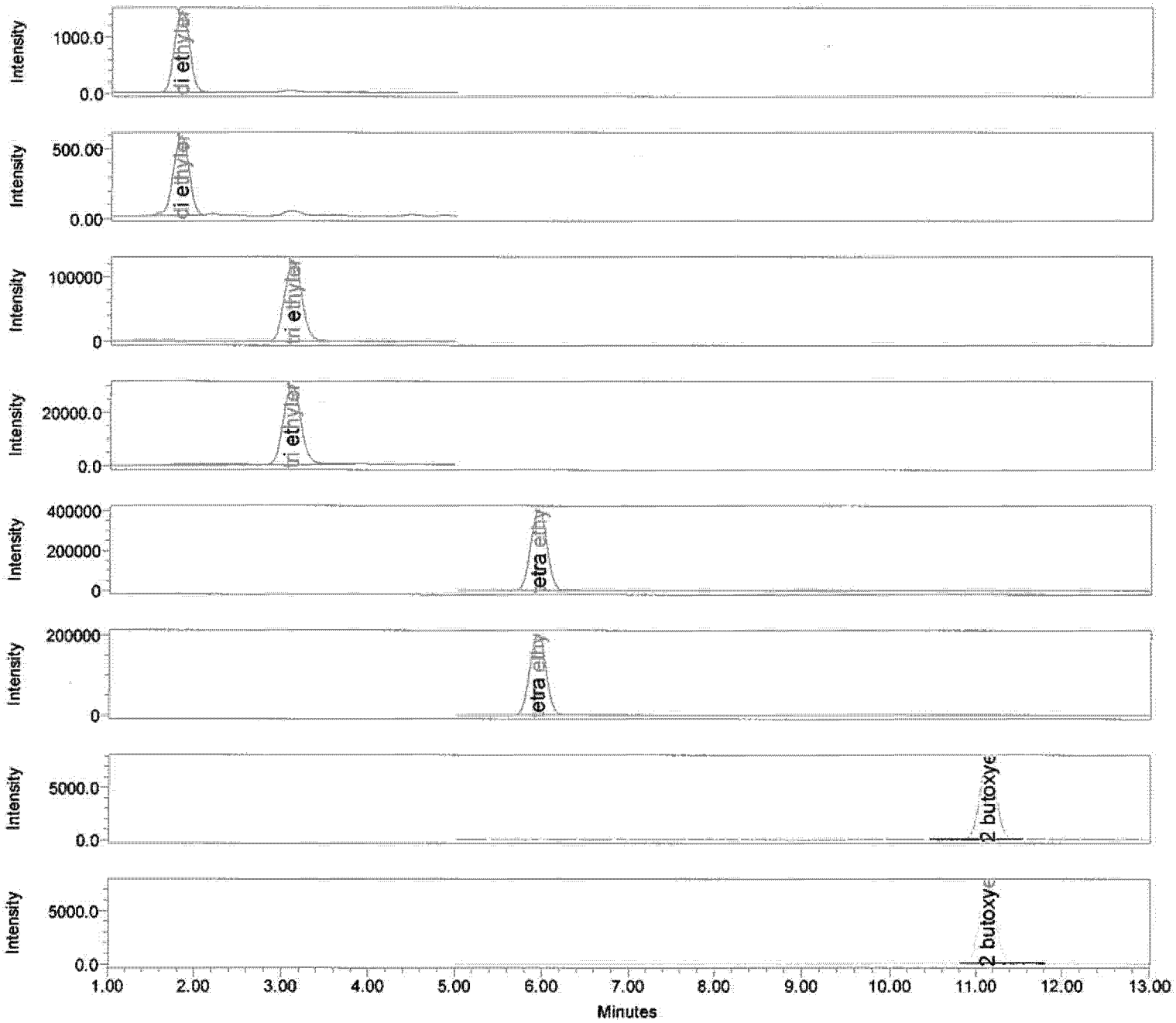
Component Summary For Amount
Channel: TQ 4: MRM Ch2

	SampleName	Inj	Channel	Vial	Date Acquired	2 butoxyethanol
1	1200058 glycol mix 200ppb ultra	1	TQ 4: MRM Ch2	1:4	2/2/2012 4:46:18 PM EST	184.745
2	1200058 glycol mix 200ppb ultra	2	TQ 4: MRM Ch2	1:4	2/2/2012 5:06:45 PM EST	179.871
3	1200058 glycol mix 200ppb ultra	3	TQ 4: MRM Ch2	1:4	2/2/2012 5:27:11 PM EST	196.648
Mean						187.088
Std. Dev.						8.630

Date Acquired 2/2/2012 5:06:45 PM EST SampleName 1200058 glycol mix 200ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 1:4

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 5:06:45 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.810	1200058 glycol mix 200ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	17060	1429	215.5	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.810	1200058 glycol mix 200ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	7058	565	205.5	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.101	1200058 glycol mix 200ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	1708822	125186	211.3	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.096	1200058 glycol mix 200ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	405550	29698	193.0	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.944	1200058 glycol mix 200ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	5215160	404896	224.3	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.941	1200058 glycol mix 200ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2605035	201813	209.7	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.135	1200058 glycol mix 200ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	103013	7624	189.4	BB

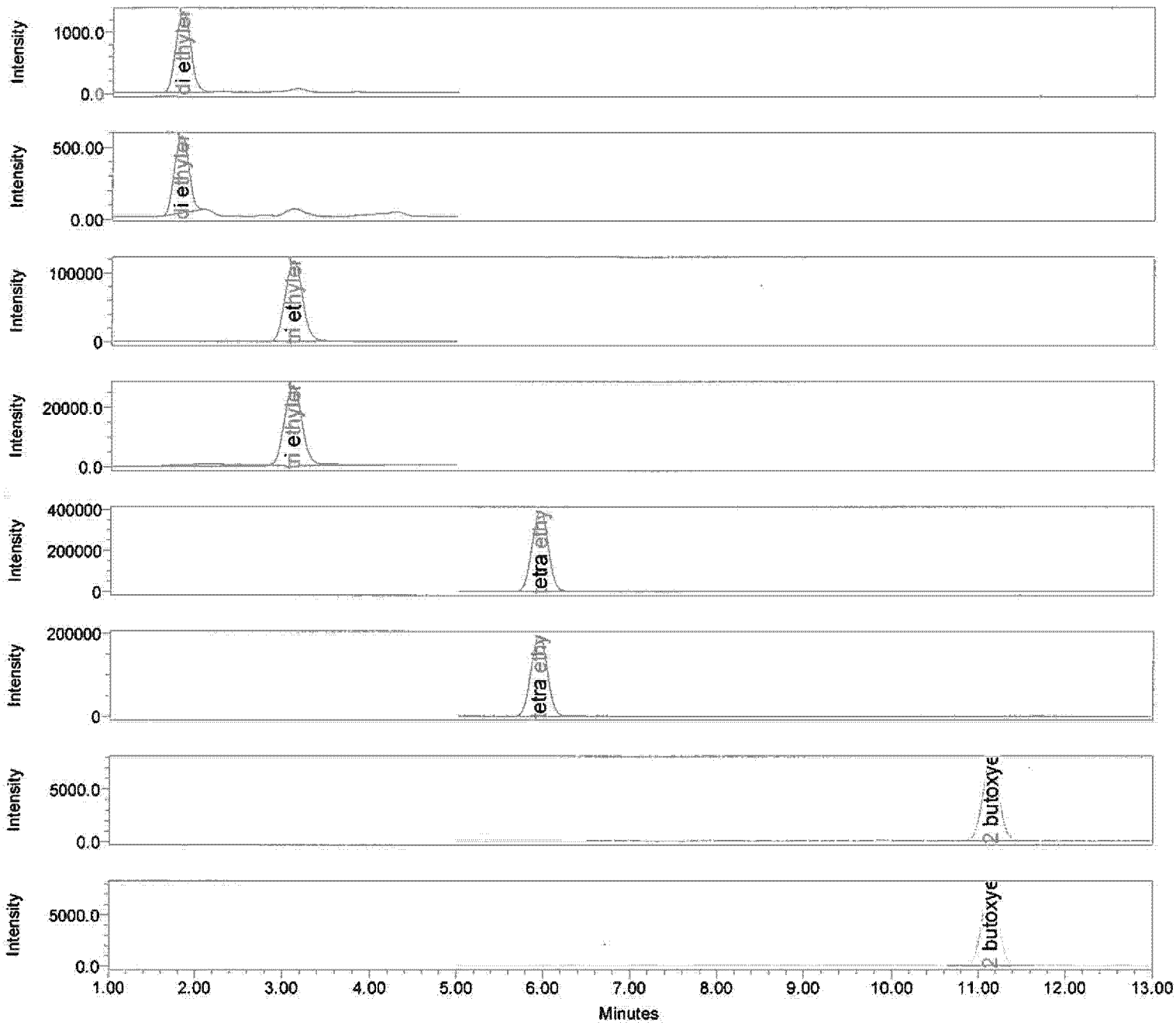
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.135	1200058 glycol mix 200ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	103555	7527	179.9	VB

Date Acquired 2/2/2012 4:46:18 PM EST SampleName 1200058 glycol mix 200ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 1:4

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 4:46:18 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.814	1200058 glycol mix 200ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	15964	1314	201.4	BV

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.804	1200058 glycol mix 200ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	6207	530	182.8	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.099	1200058 glycol mix 200ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	1598568	117457	195.9	BV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.098	1200058 glycol mix 200ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	380139	27063	177.1	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.946	1200058 glycol mix 200ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	5106319	393469	219.1	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.943	1200058 glycol mix 200ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2535240	195340	202.9	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.139	1200058 glycol mix 200ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	105562	7680	194.2	VV

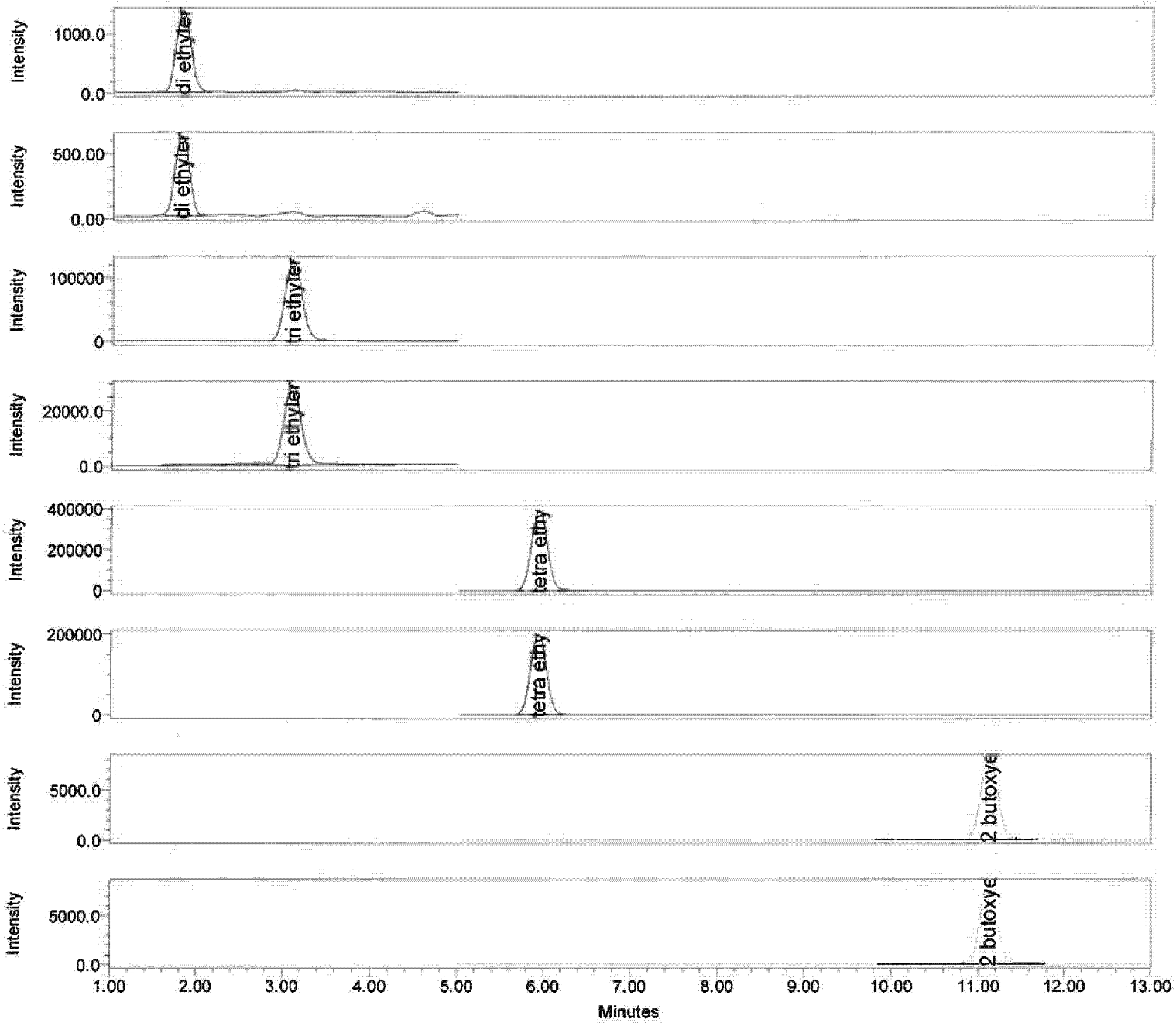
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.135	1200058 glycol mix 200ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	106301	7837	184.7	BB

Date Acquired 2/2/2012 5:27:11 PM EST SampleName 1200058 glycol mix 200ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 1:4

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 5:27:11 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.810	1200058 glycol mix 200ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	16320	1348	205.9	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.800	1200058 glycol mix 200ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	7169	611	208.5	VB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.097	1200058 glycol mix 200ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	1734272	127184	214.9	BV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.093	1200058 glycol mix 200ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	410523	29188	196.1	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.937	1200058 glycol mix 200ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	5074292	392960	217.6	BB

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.934	1200058 glycol mix 200ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2570401	198991	206.4	BB

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.120	1200058 glycol mix 200ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	110662	7992	203.7	VV

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.116	1200058 glycol mix 200ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	113009	8195	196.6	VB

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013 15

DBW 2-8-12

Dimock Residential Groundwater

DAS R33907

Calibration Data

2methoxy

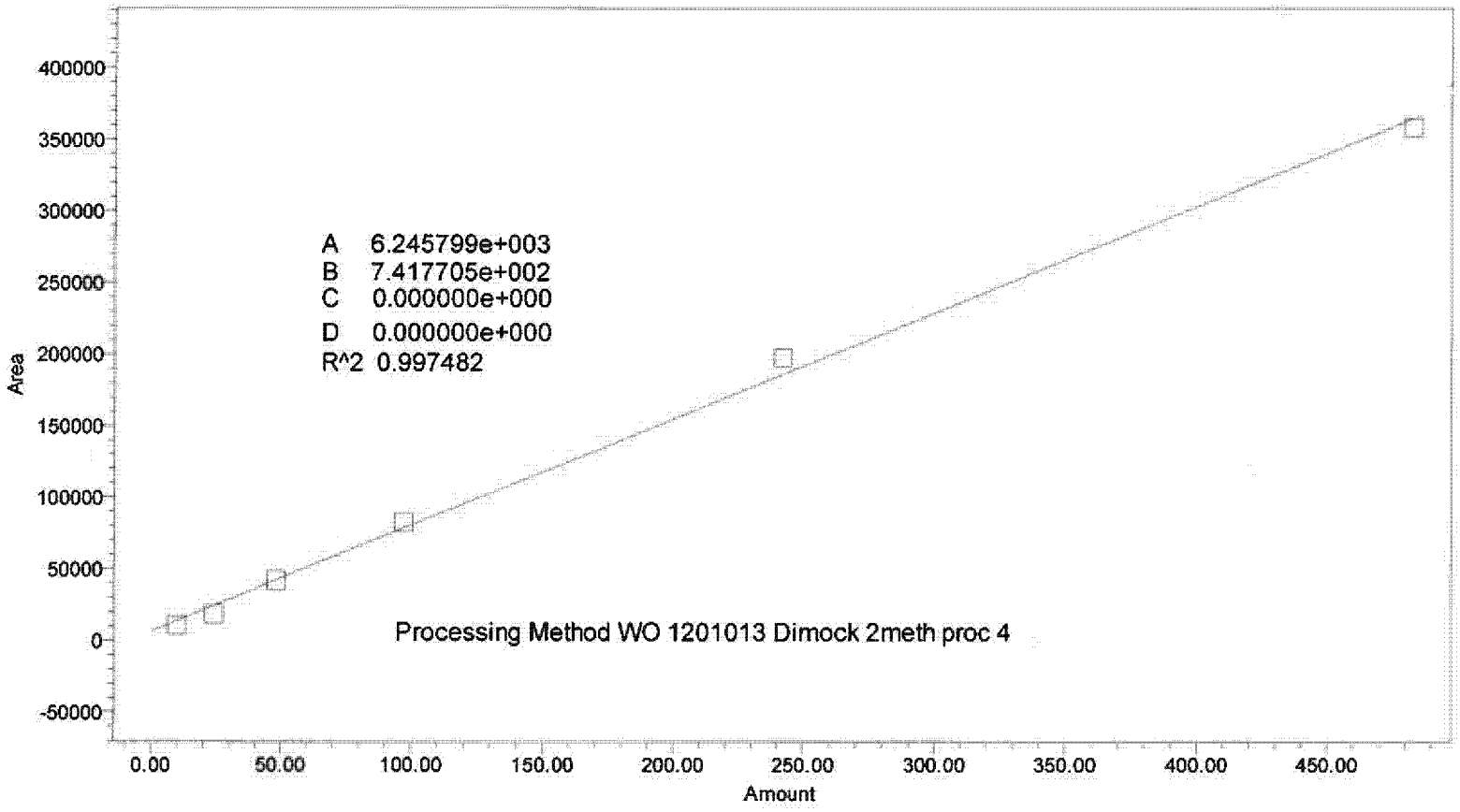
run 4

Empower2 software

cal report

Processing Method:	WO 1201013 Dimock 2meth proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9031	System:	UPLC_TQD and PDA
Channel:	TQ 2: MRM Ch1	Calibration ID:	9045
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/3/2012 5:41:11 PM EST		

Calibration Plot



Peak: methoxyethanol mrm

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	methoxyethanol mrm	6	9.7	10599.4	5.9	-39.5	No	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8
2	methoxyethanol mrm	5	24.0	18167.0	16.1	-33.0	No	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8
3	methoxyethanol mrm	4	48.0	41419.7	47.4	-1.2	No	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8
4	methoxyethanol mrm	3	97.0	81805.6	101.9	5.0	No	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8
5	methoxyethanol mrm	2	242.0	197535.3	257.9	6.6	No	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8
6	methoxyethanol mrm	1	483.0	358285.8	474.6	-1.7	No	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8

Peak: methoxyethanol mrm

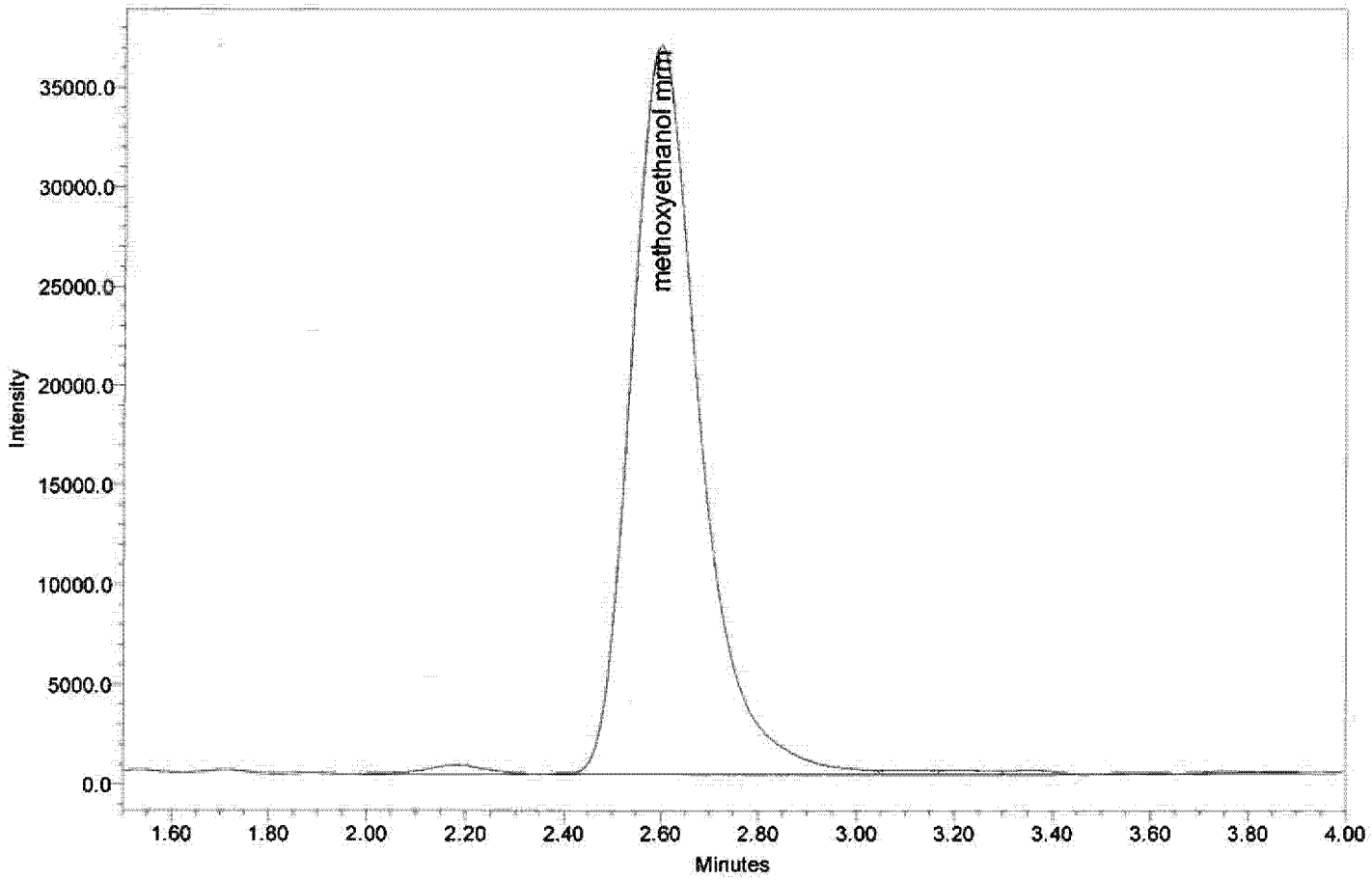
	Date Acquired
1	2/2/2012 12:55:21 PM EST
2	2/2/2012 12:49:47 PM EST
3	2/2/2012 12:44:13 PM EST
4	2/2/2012 12:38:40 PM EST
5	2/2/2012 12:33:07 PM EST
6	2/2/2012 12:27:34 PM EST

low BS will likely be biased low
gd 2/3/12

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.597	1200064 2me 500ppb accu	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	358286	36606	483.0	VV

jg 2/3/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

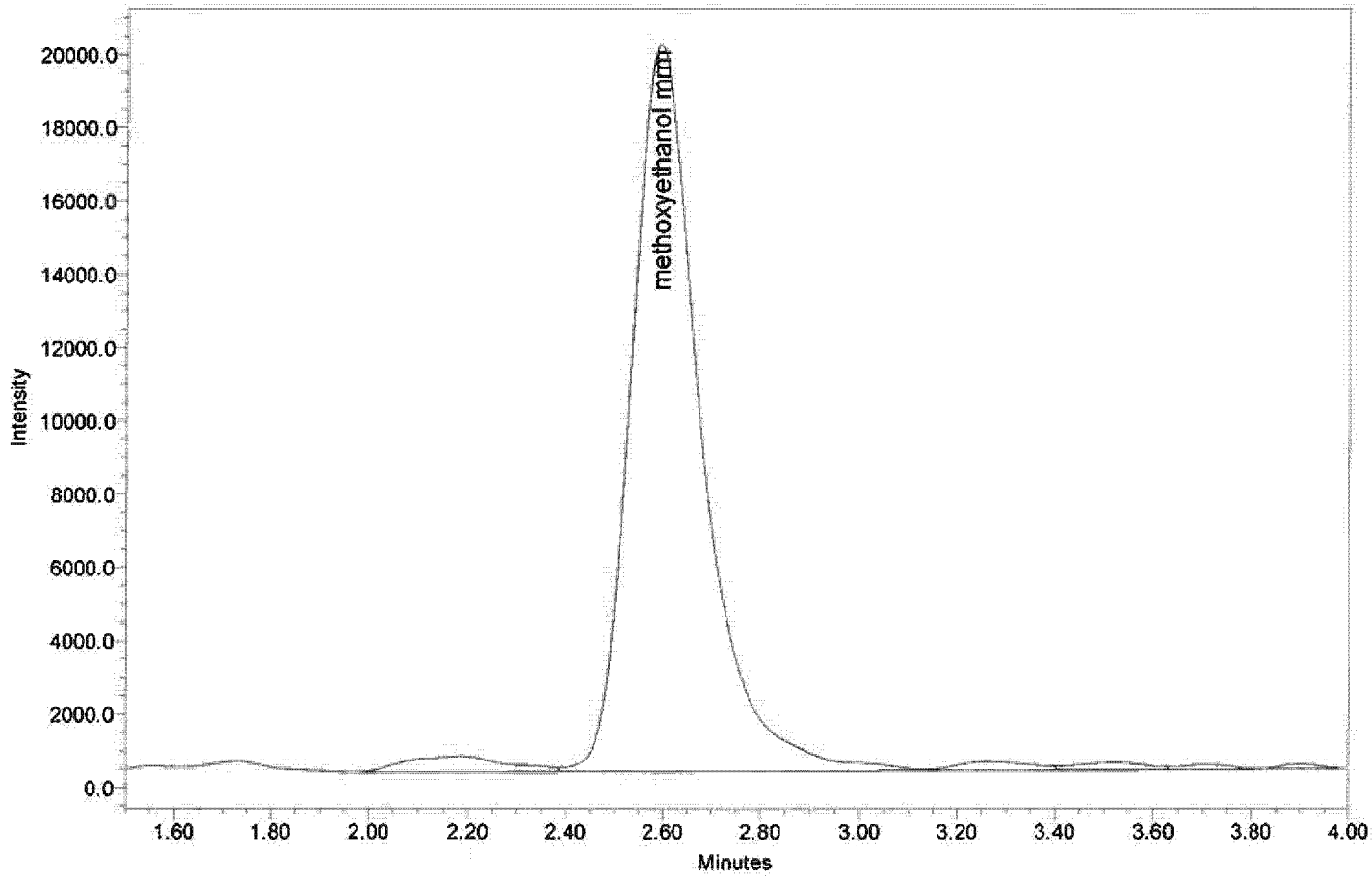
Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:27:34 PM EST Vial 2:2

Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200064 2me 500ppb accu Sample Set Name WO 1201013 Dimock 2me run 4

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.593	1200065 2me 250ppb accu	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	197535	19825	242.0	VV

2/3/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:33:07 PM EST Vial 2:3

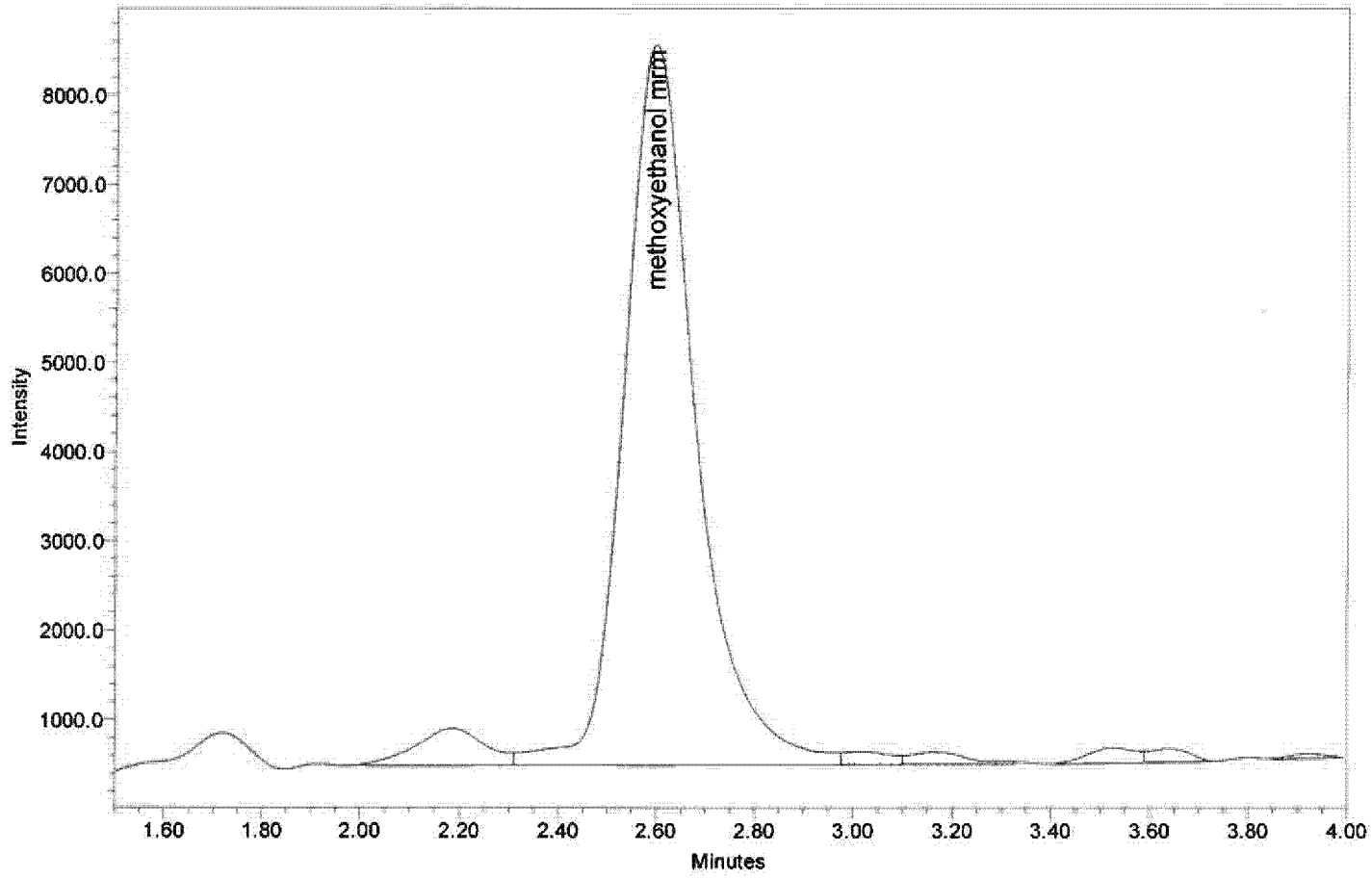
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200065 2me 250ppb accu Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.596	1200066 2me 100ppb accu	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	81806	8072	97.0	VV

jg 2/3/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:38:40 PM EST Vial 2:4

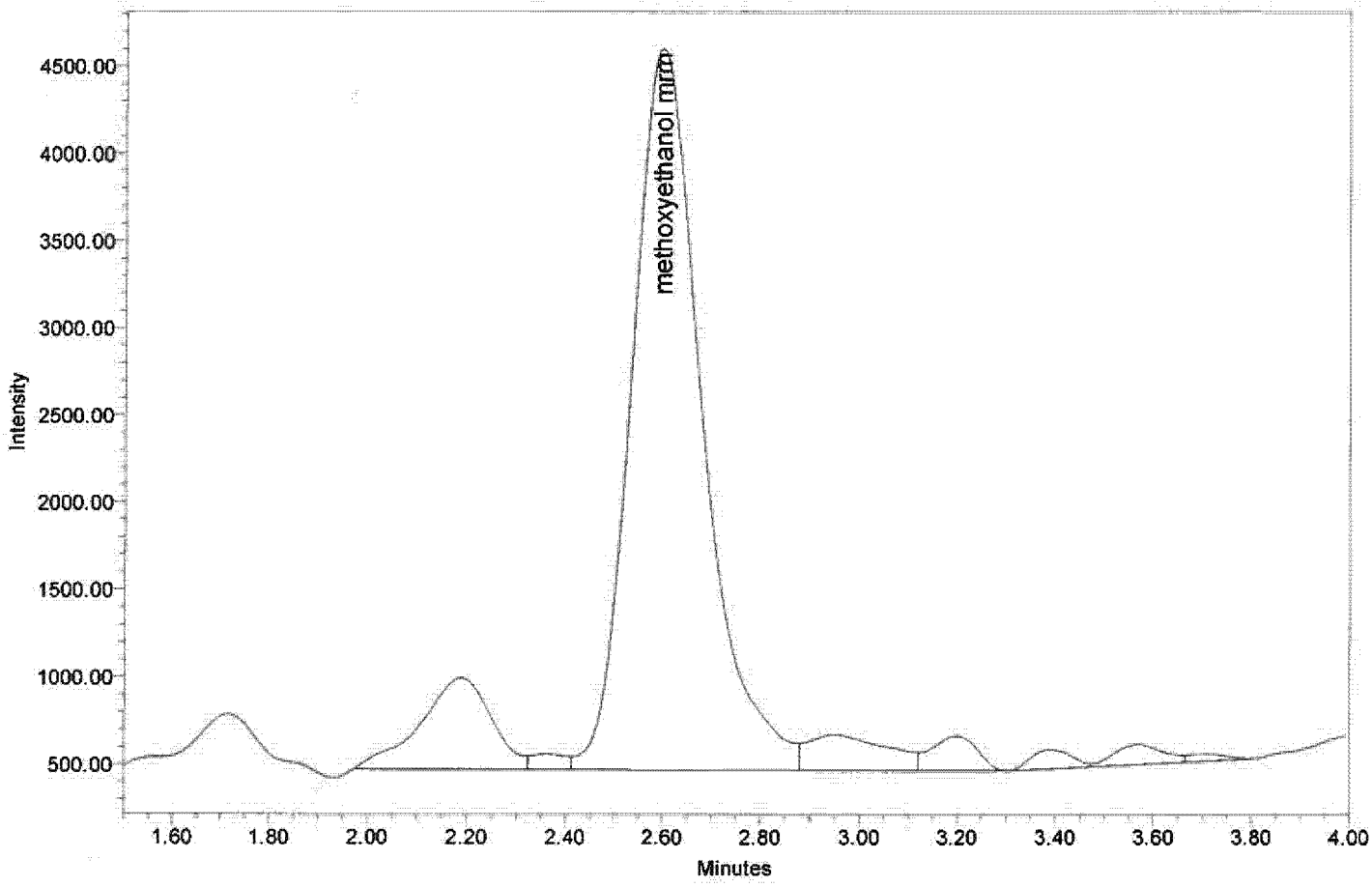
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200066 2me 100ppb accu Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.597	1200067 2me 50ppb accu	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	41420	4135	48.0	VV

jg 2/3/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:44:13 PM EST Vial 2:5

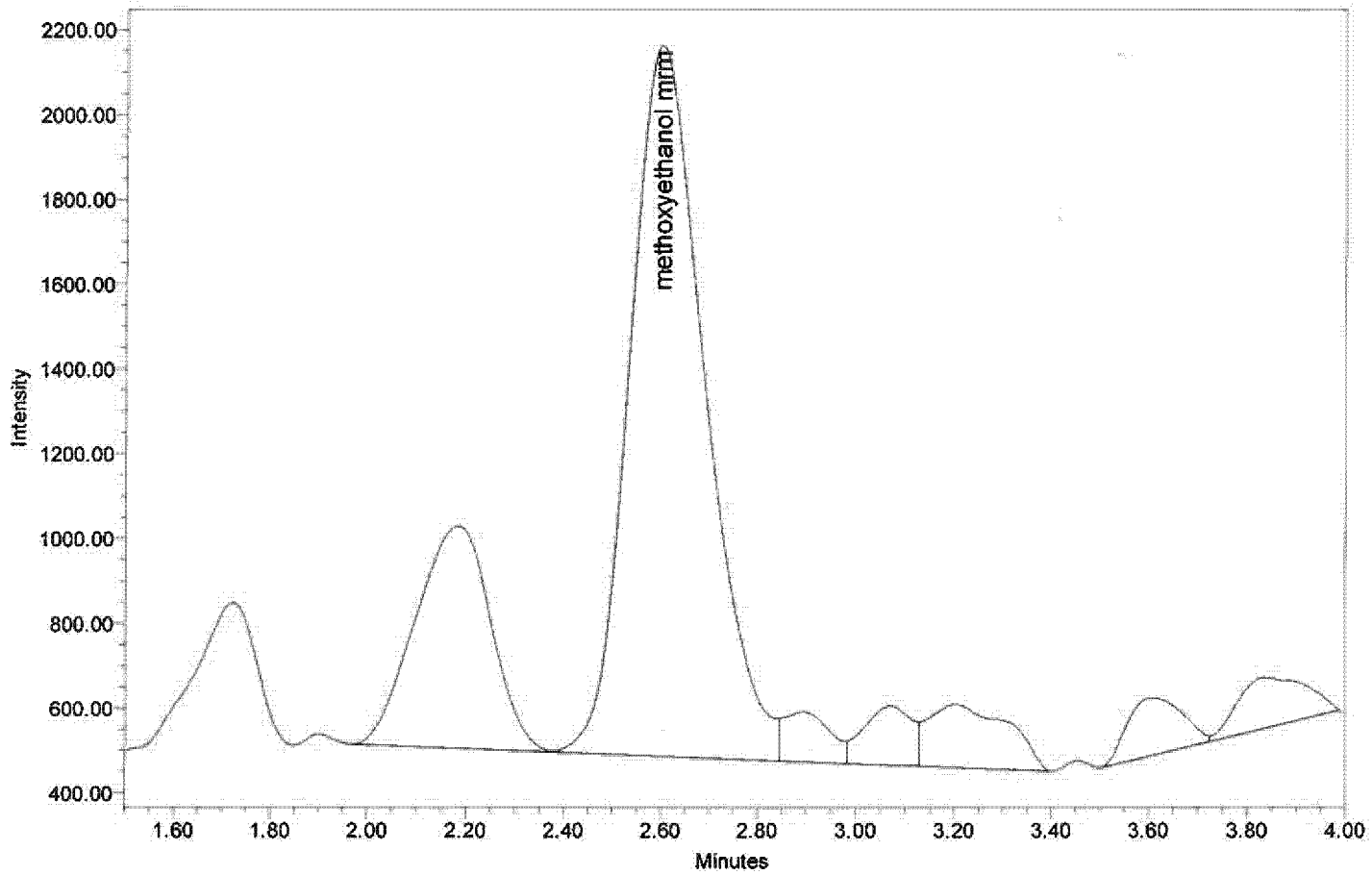
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200067 2me 50ppb accu Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.601	1200068 2me 25ppb accu	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	18167	1676	24.0	VV

2/3/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:49:47 PM EST Vial 2:6

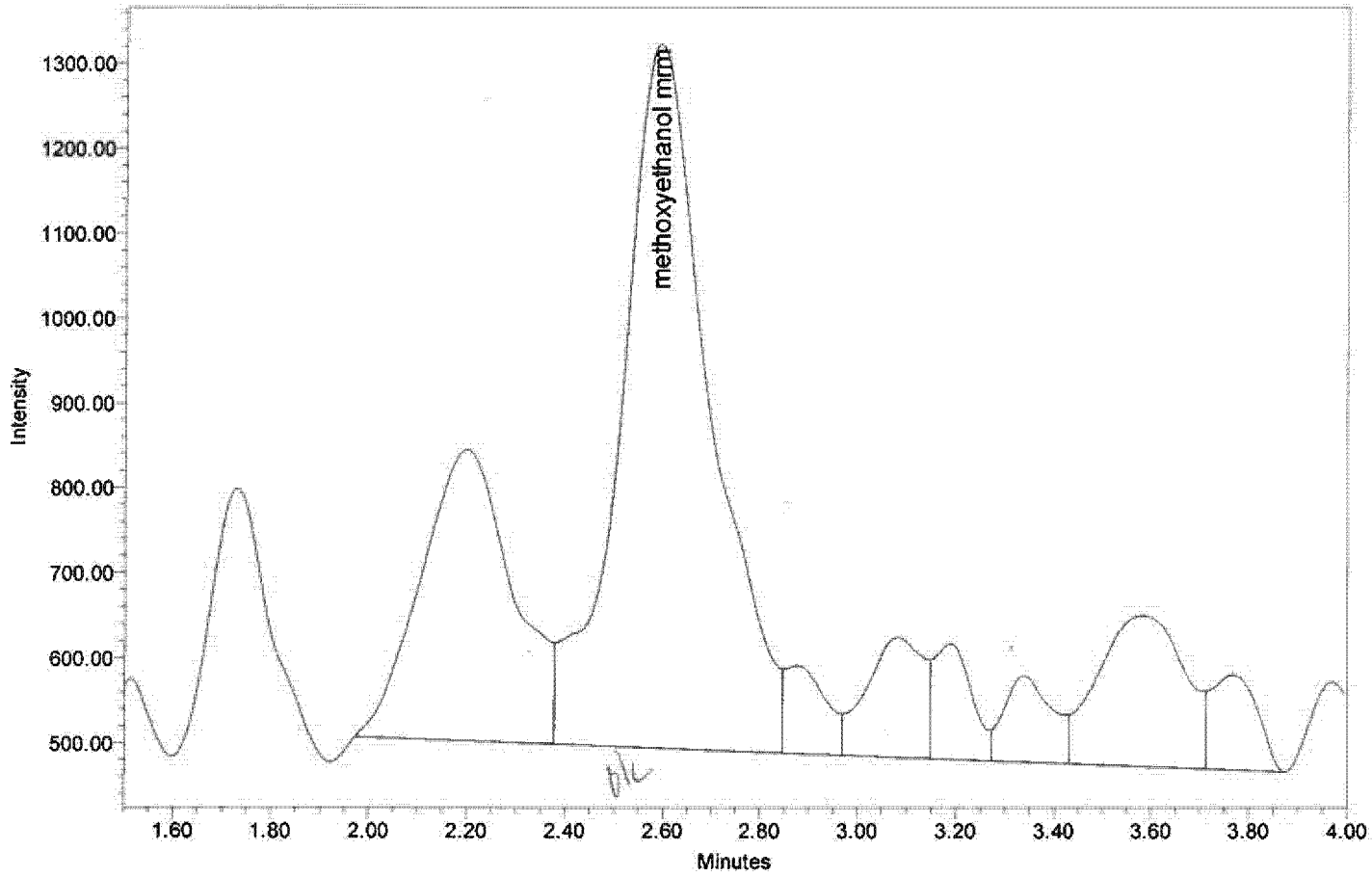
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200068 2me 25ppb accu Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.592	1200069 2me 10ppb accu	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	10599	828	9.7	VV

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:55:21 PM EST Vial 2:7

Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200069 2me 10ppb accu Sample Set Name WO 1201013 Dimock 2me run 4

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013

Dimock Residential Groundwater

DAS R33907

Quality Control Data

2 methoxy
run 4

QC
Samples
need to initial
& Entre in Excel

Project Name: WO 1201013 Dimock

jlg MRM Peaks Summary

Name : methoxyethanol mrm

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
1	SCV 1200038 2me 100ppb ult	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	methoxyethanol mrm	2.596	80654	8057	100.311	2/2/2012 1:00:55 PM EST	100%
2	1201015-17MS BB20201 MS1	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	methoxyethanol mrm	2.598	84454	8231	105.435	2/2/2012 1:45:14 PM EST	105%
3	1201015-17MSD BB20201 MSD1	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	methoxyethanol mrm	2.594	85637	8115	107.029	2/2/2012 1:50:44 PM EST	107%
4	1200066 2me100CCV ac bb20201-BS2	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	methoxyethanol mrm	2.594	76231	7408	94.348	2/2/2012 2:12:48 PM EST	94%
5	1200069 2me 10ppb accu low BS	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	methoxyethanol mrm	2.589	8296	768	2.765	2/2/2012 2:57:05 PM EST	low BS
6	1200066 2me100ppb ac ccv	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	methoxyethanol mrm	2.593	81416	7951	101.339	2/2/2012 3:08:07 PM EST	101%

CCV, SCV, BS (except low level) limit 80-120%

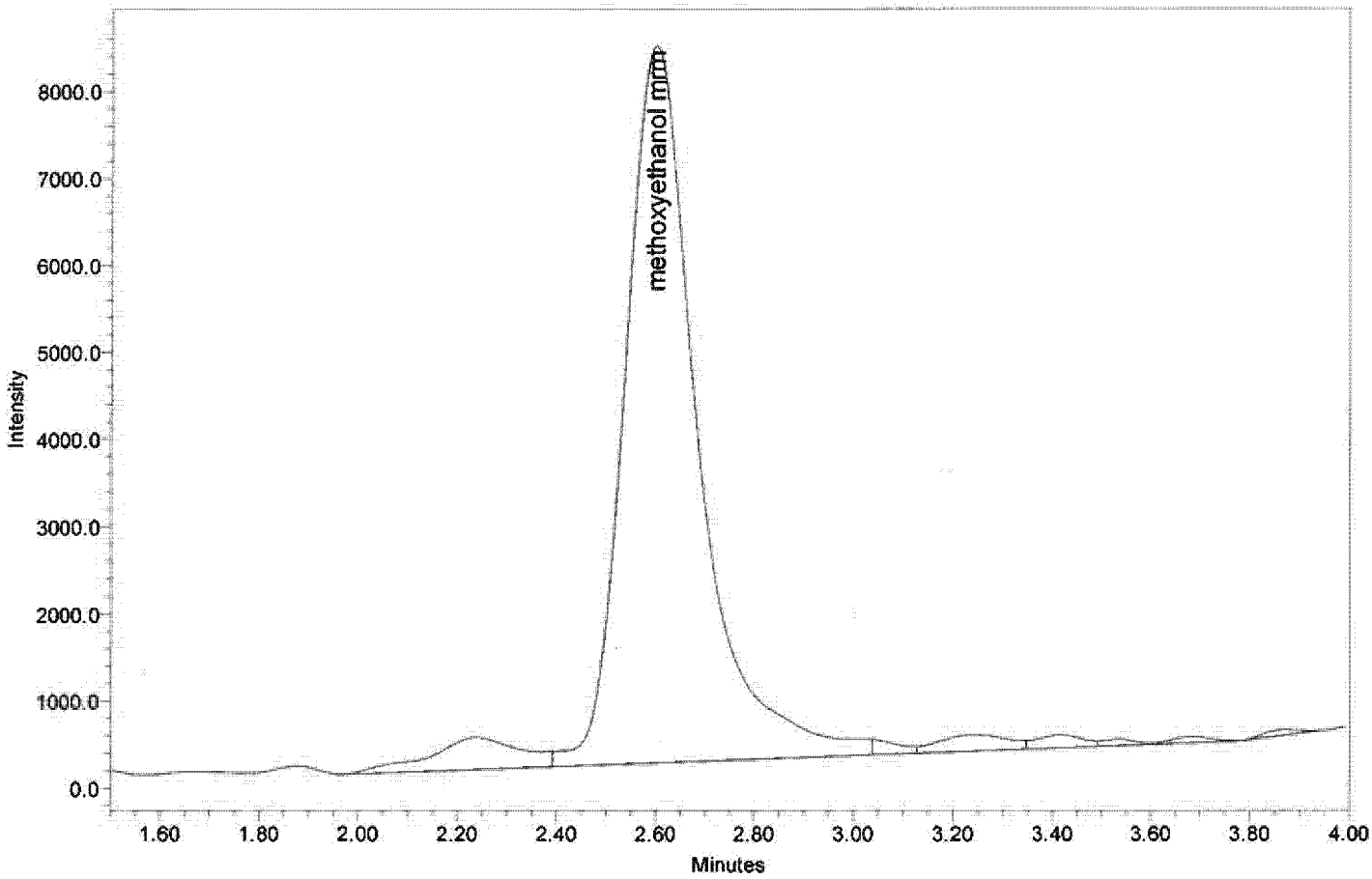
MS/MSD 70-130

all ok
jg 2/3/12

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.598	1201015-17MS BB20201 MS1	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	84454	8231	105.4	VV

105% ok

jg 2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:45:14 PM EST Vial 2:40

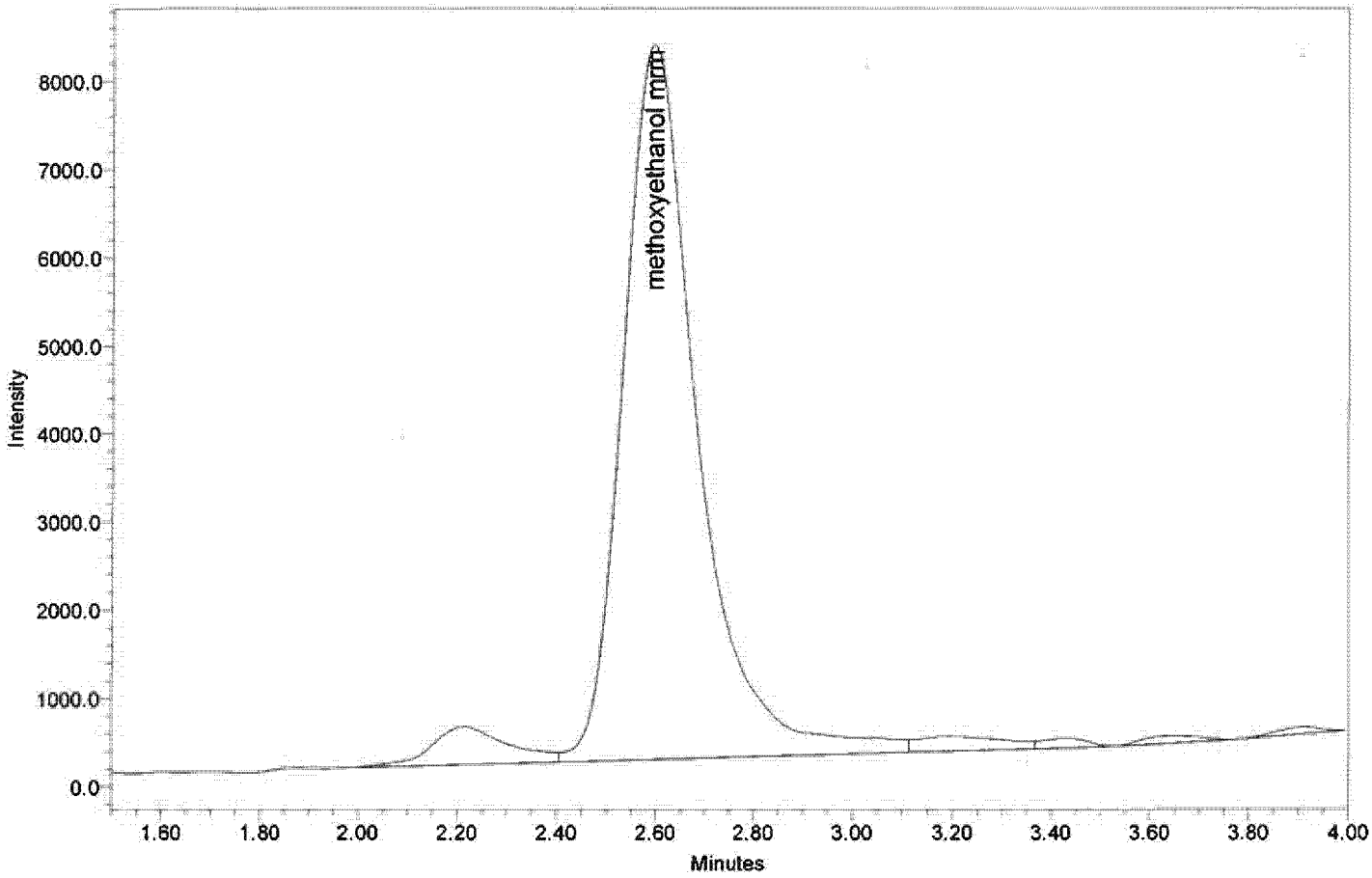
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-17MS BB20201 MS1 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb
1	methoxyethanol mrm	2.594	1201015-17MSD BB20201 MSD1	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	85637	8115	107.0

107% ok

Name: thoxyetha mrm

	Int Type
1	VV

jg 2/2/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:50:44 PM EST Vial 2:41

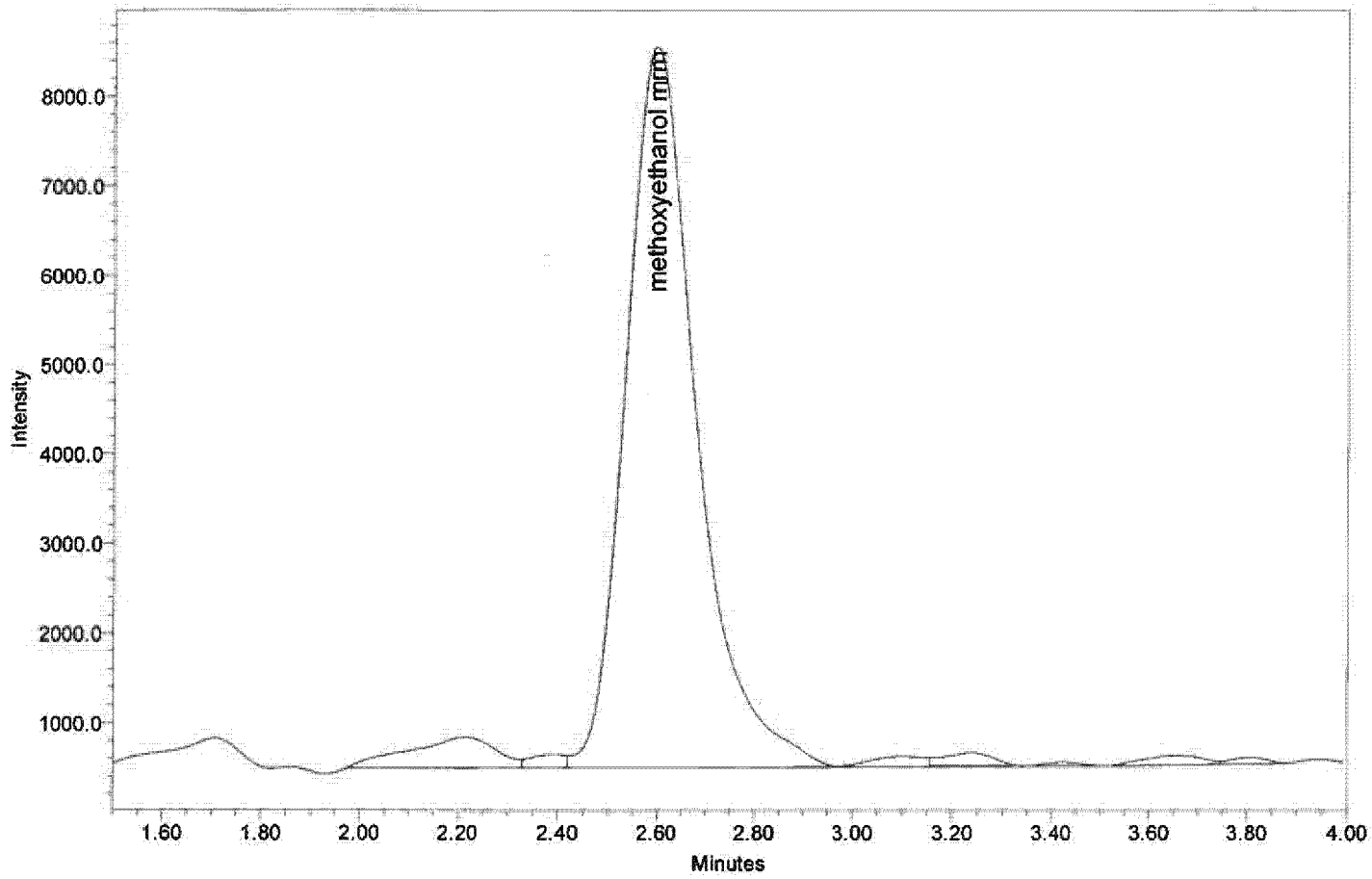
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-17MSD BB20201 MSD1 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.596	SCV 1200038 2me 100ppb ult	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	80654	8057	100.3	VV

100%
ok

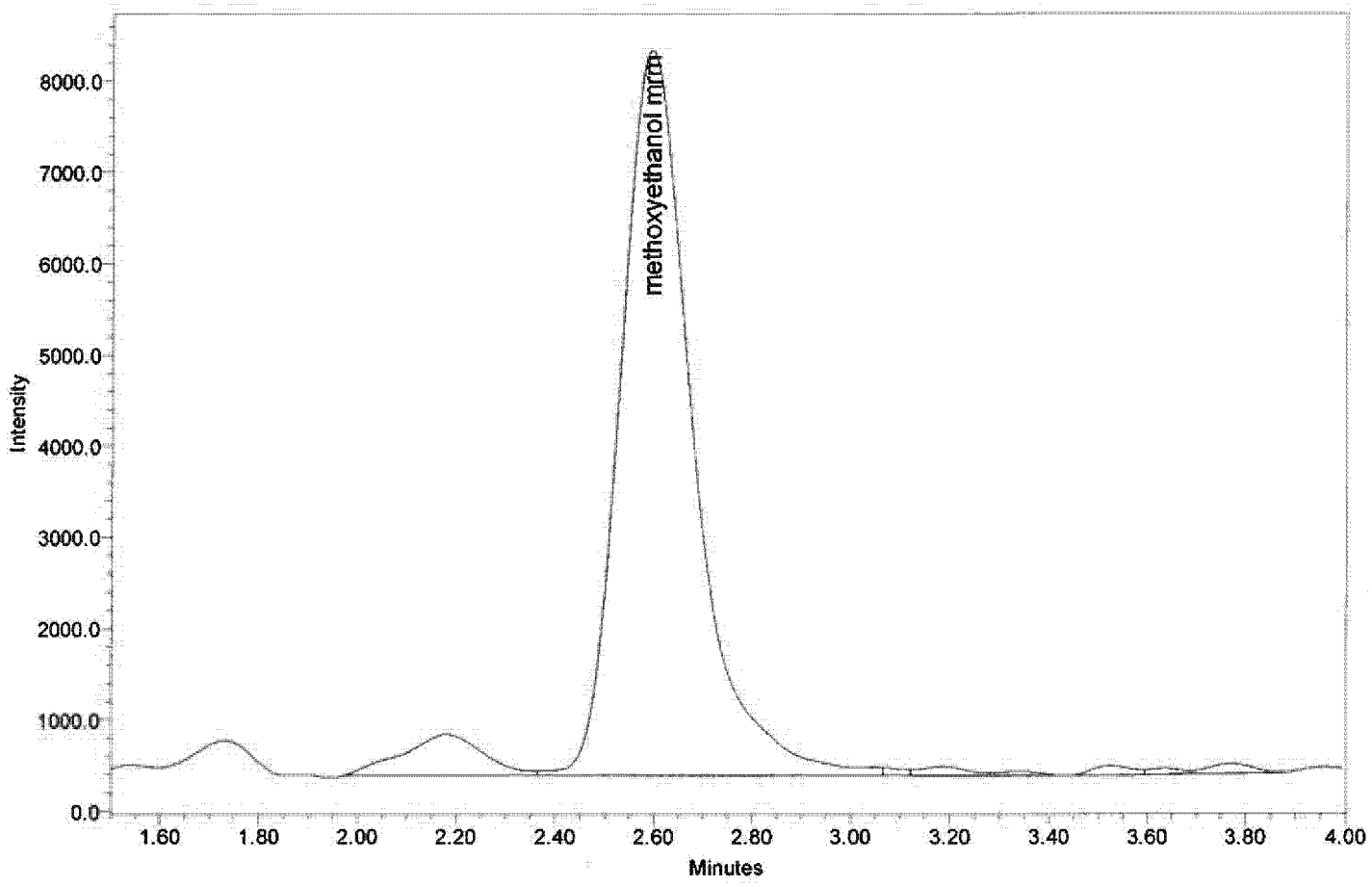
2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL
Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:00:55 PM EST Vial 2:8
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4
SampleName SCV 1200038 2me 100ppb ult Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	methoxyethanol mrm	2.593	1200066 2me100ppb ac ccv	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	81416	7951	101.3	VV

101% ok

jg 2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 3:08:07 PM EST Vial 2:4

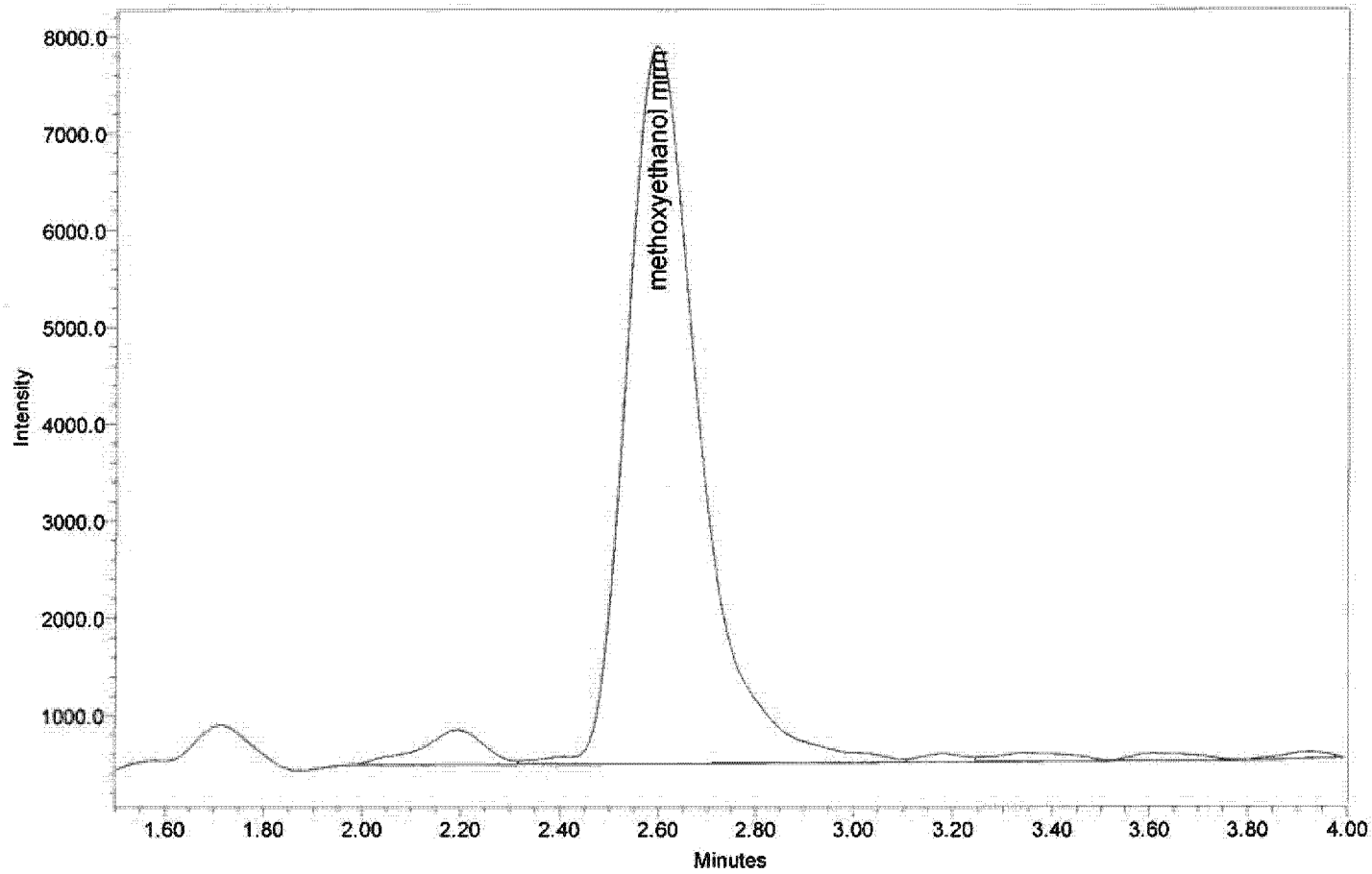
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200066 2me100ppb ac ccv Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb
1	methoxyethanol mrm	2.594	1200066 2me100CCV ac bb20201-BS2	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	76231	7408	94.3

Name: thoxyetha mrm

	Int Type
1	VV

94%

jg 2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:12:48 PM EST Vial 2:4

Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

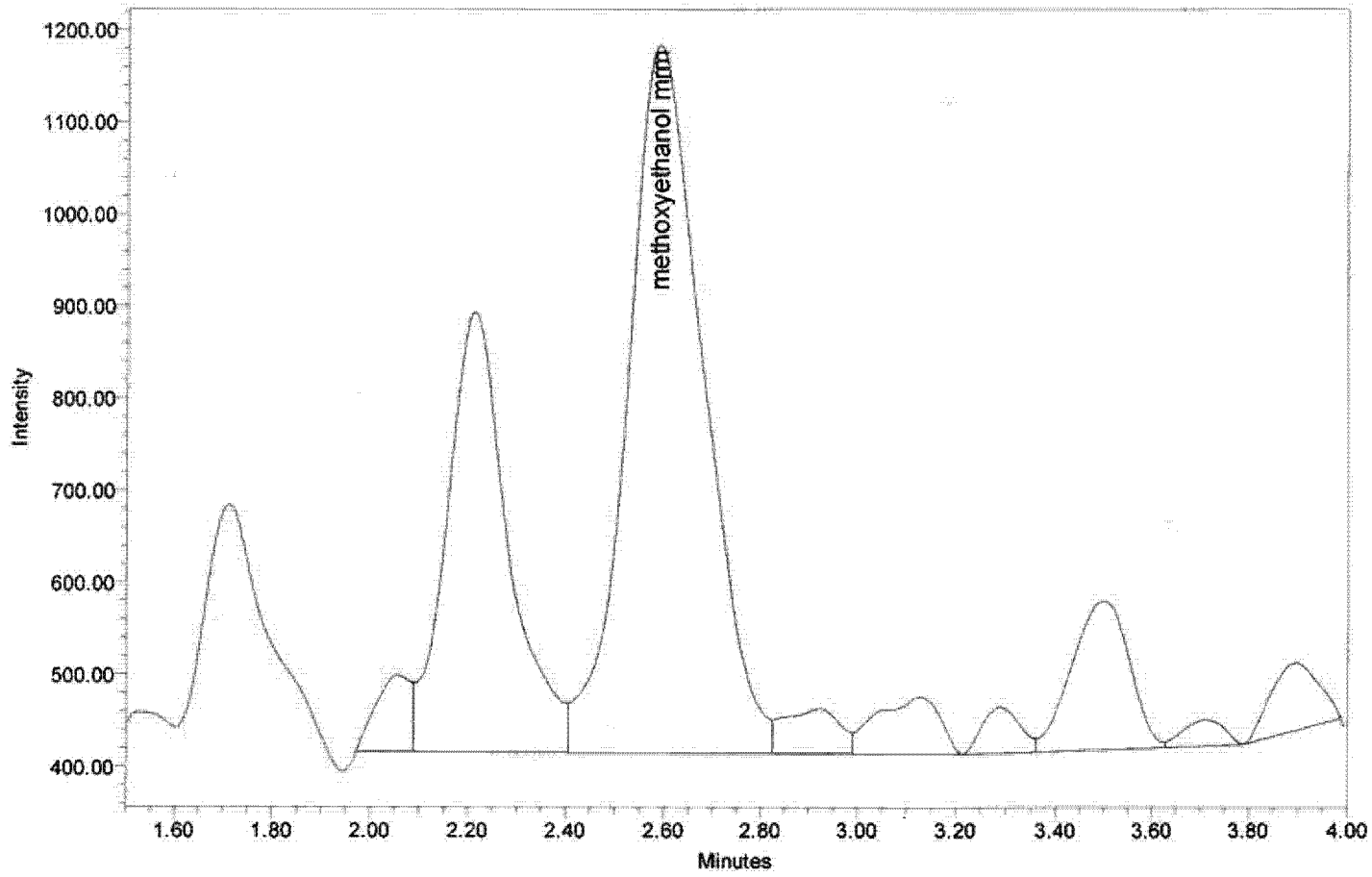
SampleName 1200066 2me100CCV ac bb20201-BS2 Sample Set Name WO 1201013 Dimock 2me run 4

Page: 1 of 1

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb
1	methoxyethanol mrm	2.589	1200069 2me 10ppb accu low BS	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	8296	768	2.8

Name: thoxyetha mrm

	Int Type
1	VV

low BS sample 28% rec

jg 2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:57:05 PM EST Vial 2:7

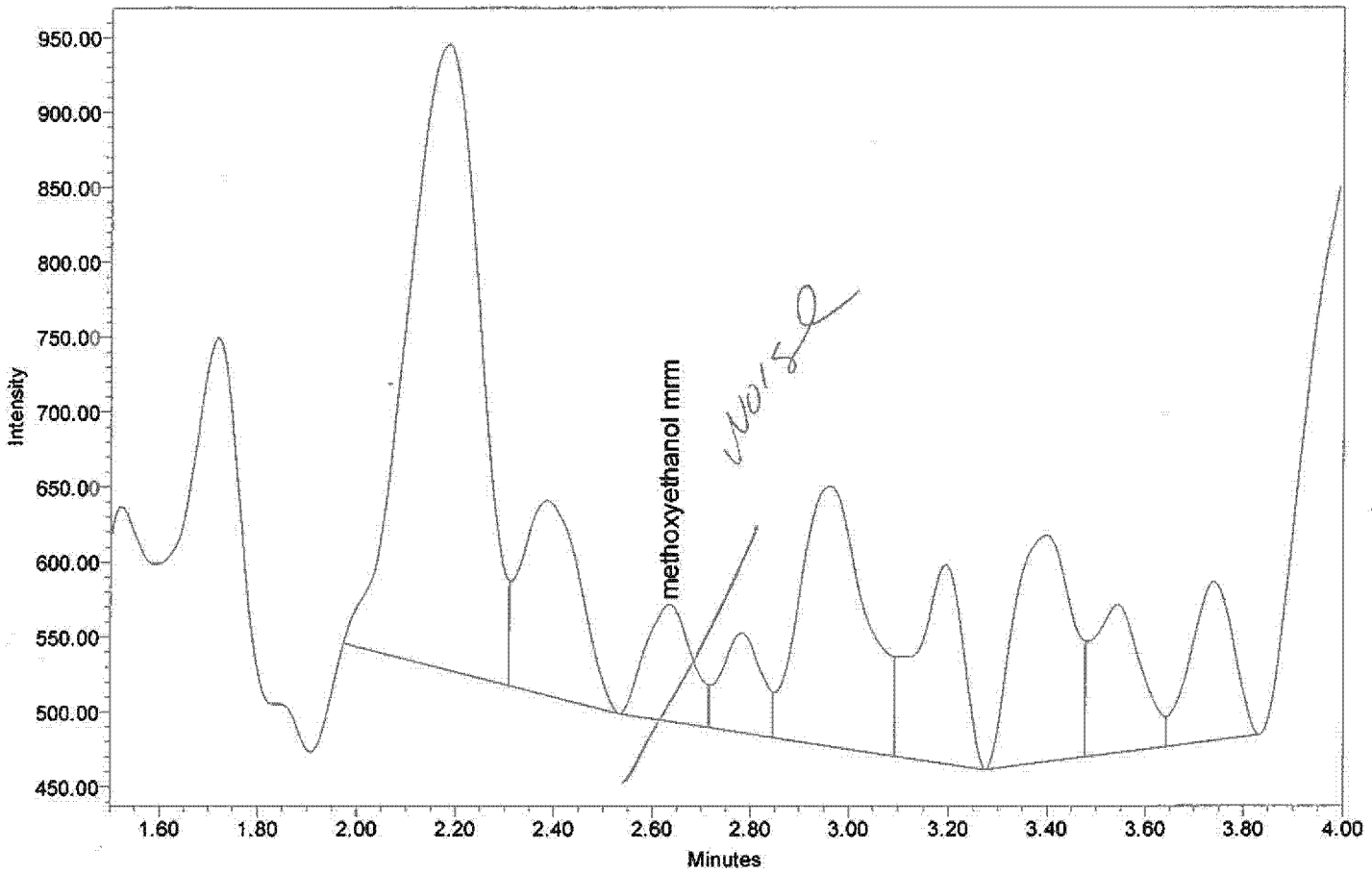
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1200069 2me 10ppb accu low BS Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.634	LCB 1	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	504	78	BV

2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 12:22:03 PM EST Vial 2:1

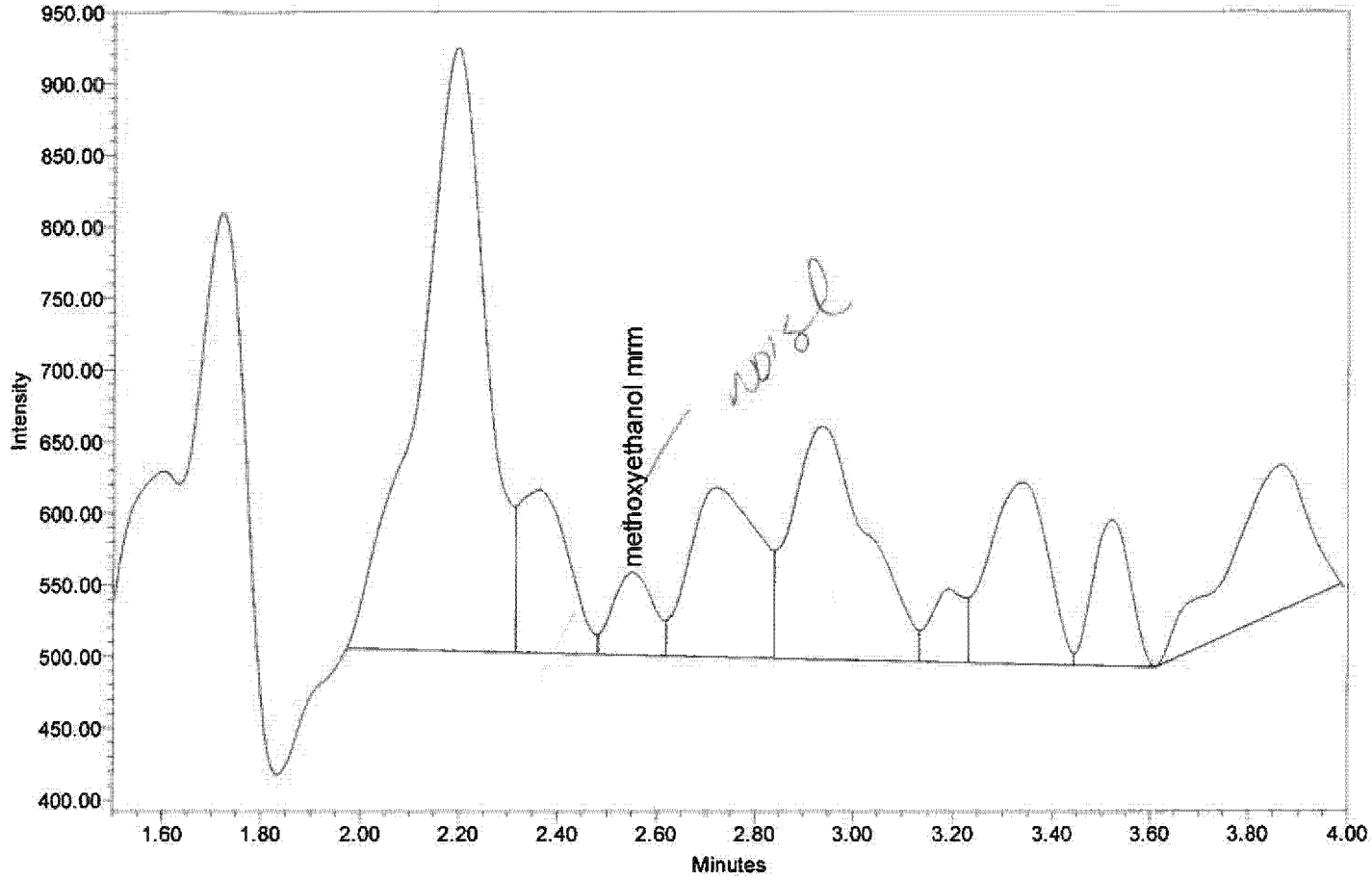
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName LCB 1 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.551	LCB 2 BB20201- BLK1	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	324	58	VV

2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:06:26 PM EST Vial 2:9

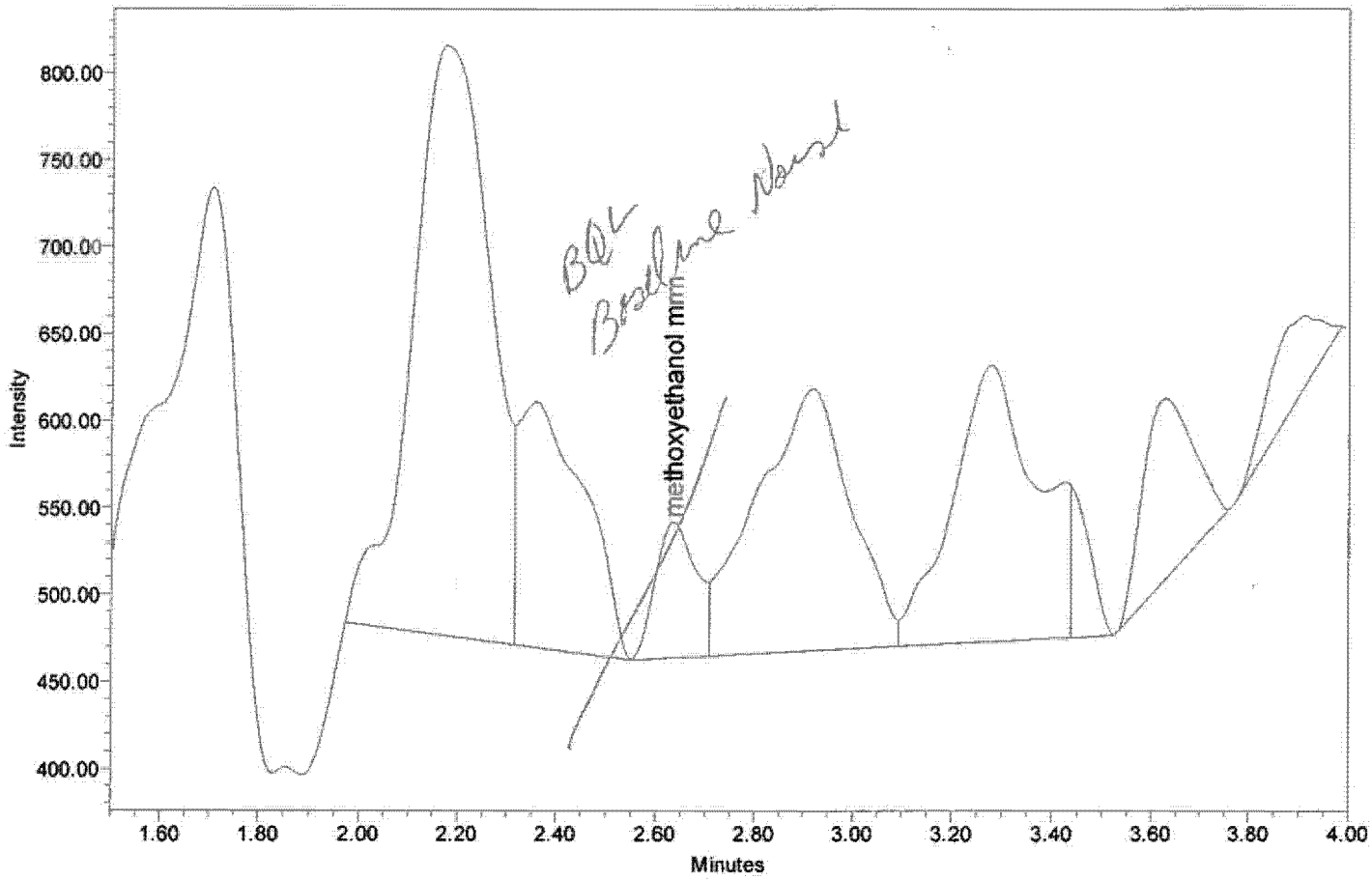
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName LCB 2 BB20201- BLK1 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.635	LCB 3	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	442	78	BV

jg 2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:07:14 PM EST Vial 2:9

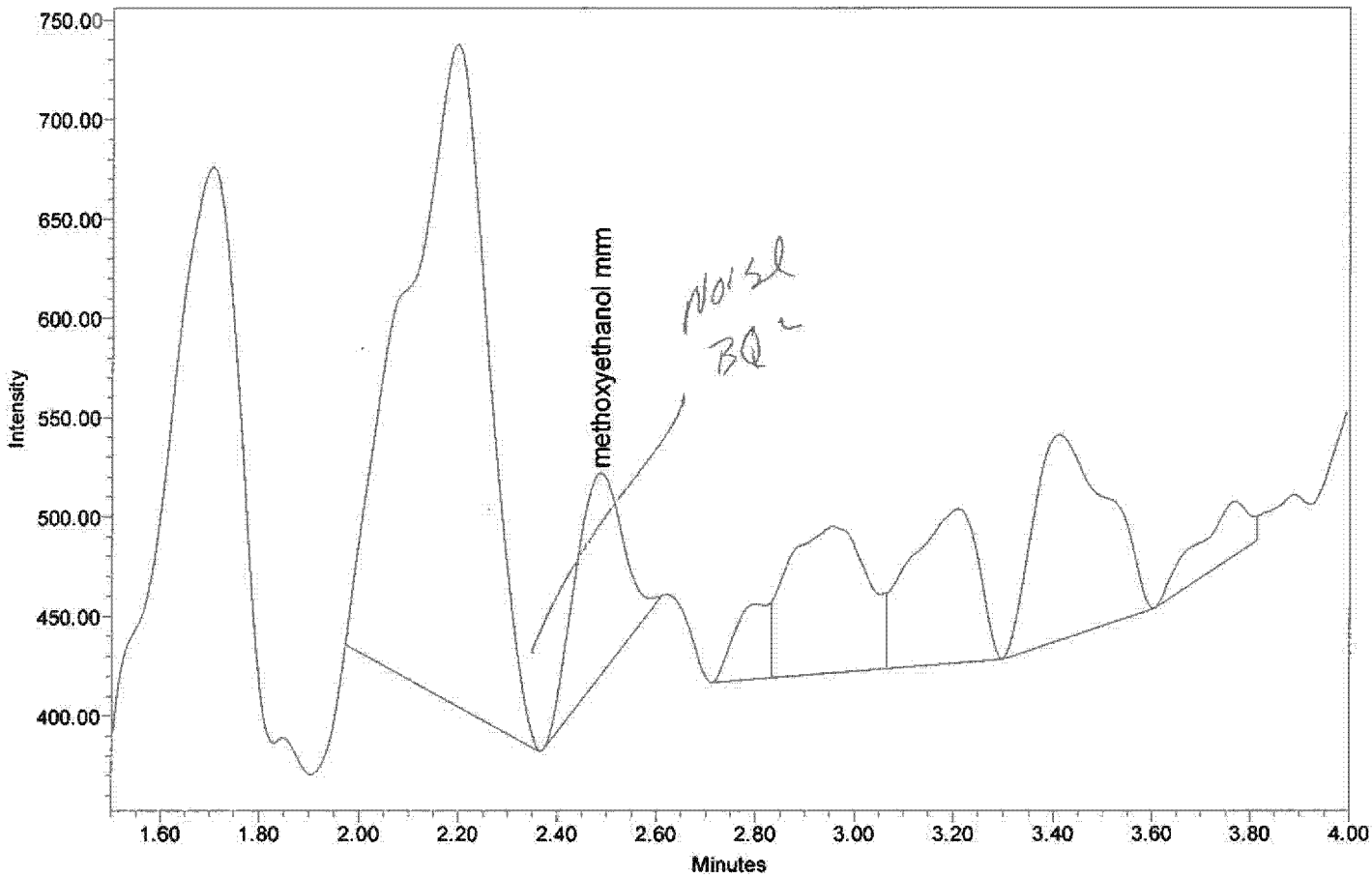
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName LCB 3 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2; MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.487	LCB 3	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	684	102	BB

2/7/12

extr_date coll_date analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 3:02:35 PM EST Vial 2:9

Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName LCB 3 Sample Set Name WO 1201013 Dimock 2me run 4

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013

Dimock Residential Groundwater

DAS R33907

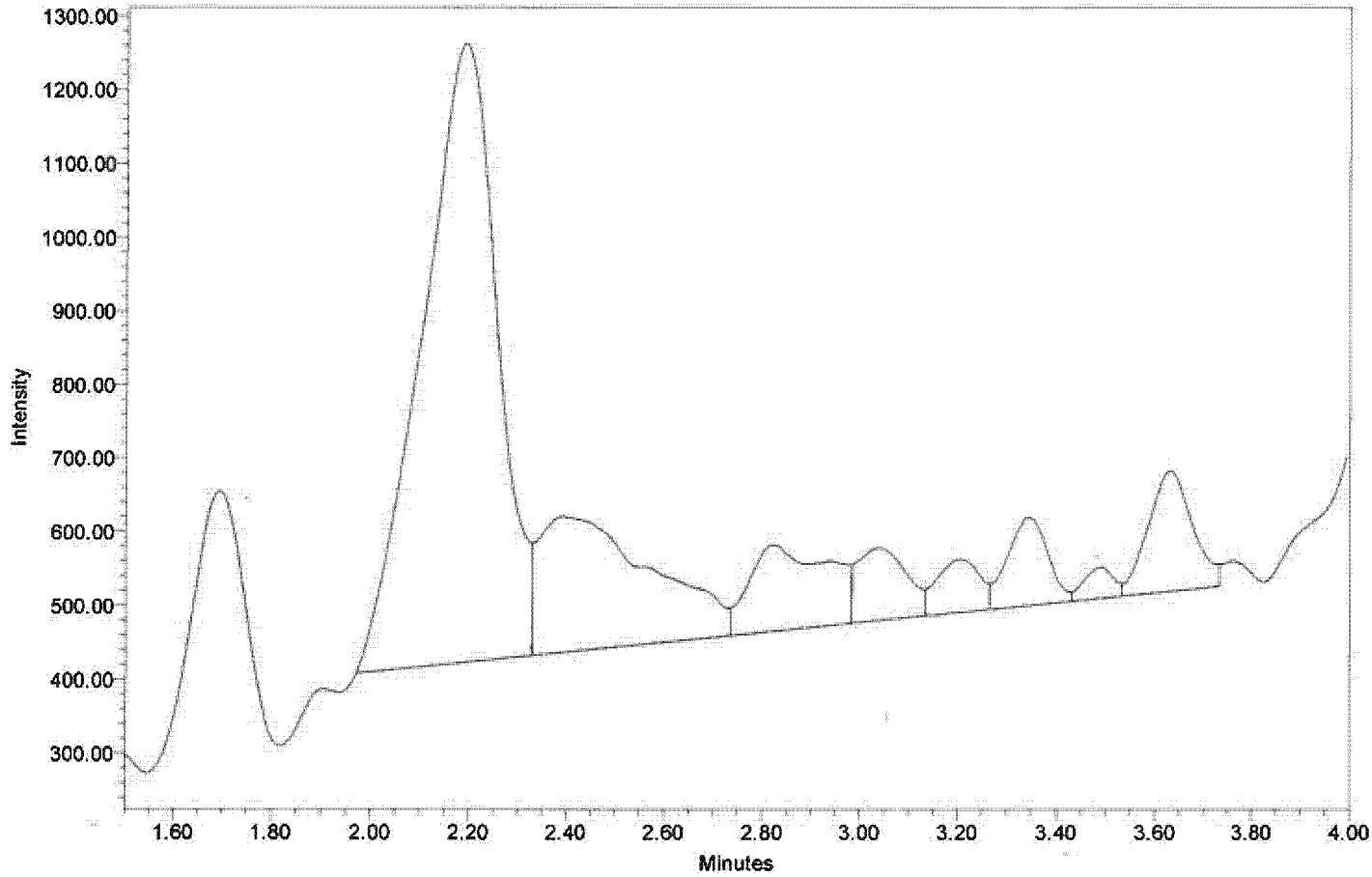
Sample Data

2 methoxy-run 4
1201015-11 to 43

Samples 37+39 had a peak @ 2.2 min
not 2-methoxy but probably MW 76

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Int Type
1	methoxyethanol mrm	2.597	1201015-11	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	Missing

jg 2/17/12

extr_date 02022012 coll_date 01302012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:11:57 PM EST Vial 2:34

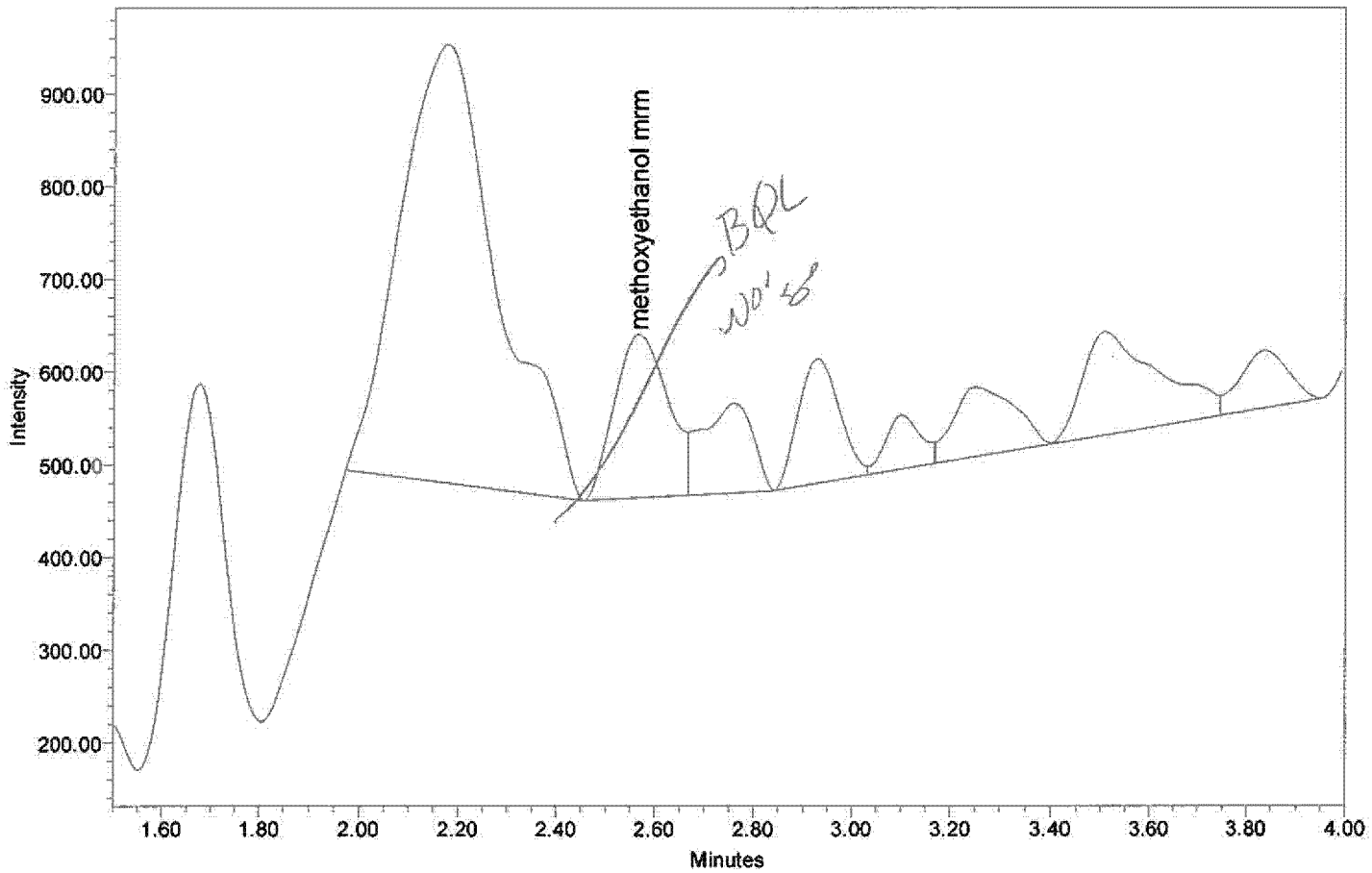
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-11 Sample Set Name WO 1201013 Dimock 2me run 4

Empower2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.567	1201015-13	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	1319	176	BV

jlg 2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:17:29 PM EST Vial 2:35

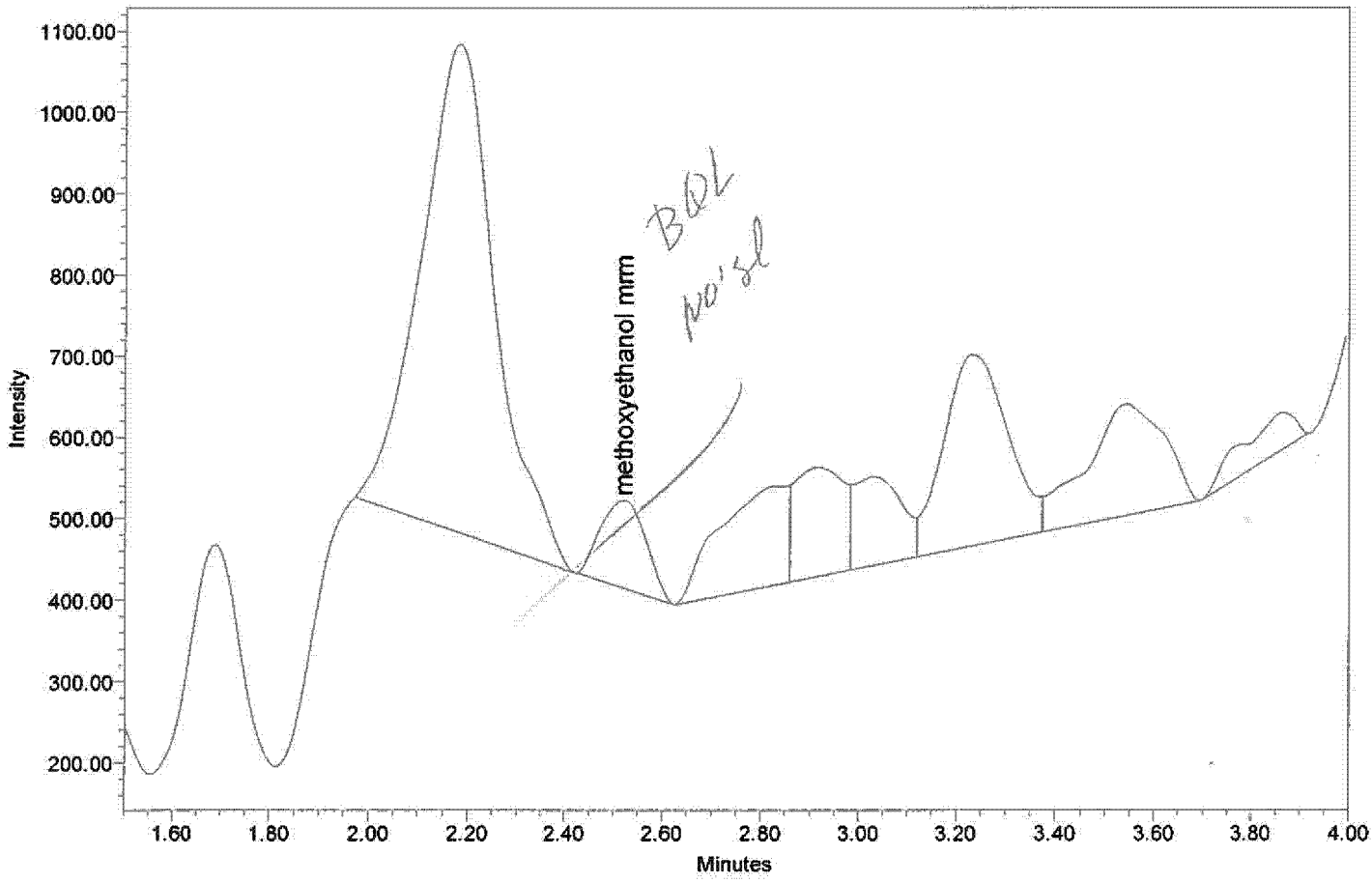
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-13 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.521	1201015-15	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	686	108	BB

jg 2/17/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:23:01 PM EST Vial 2:36

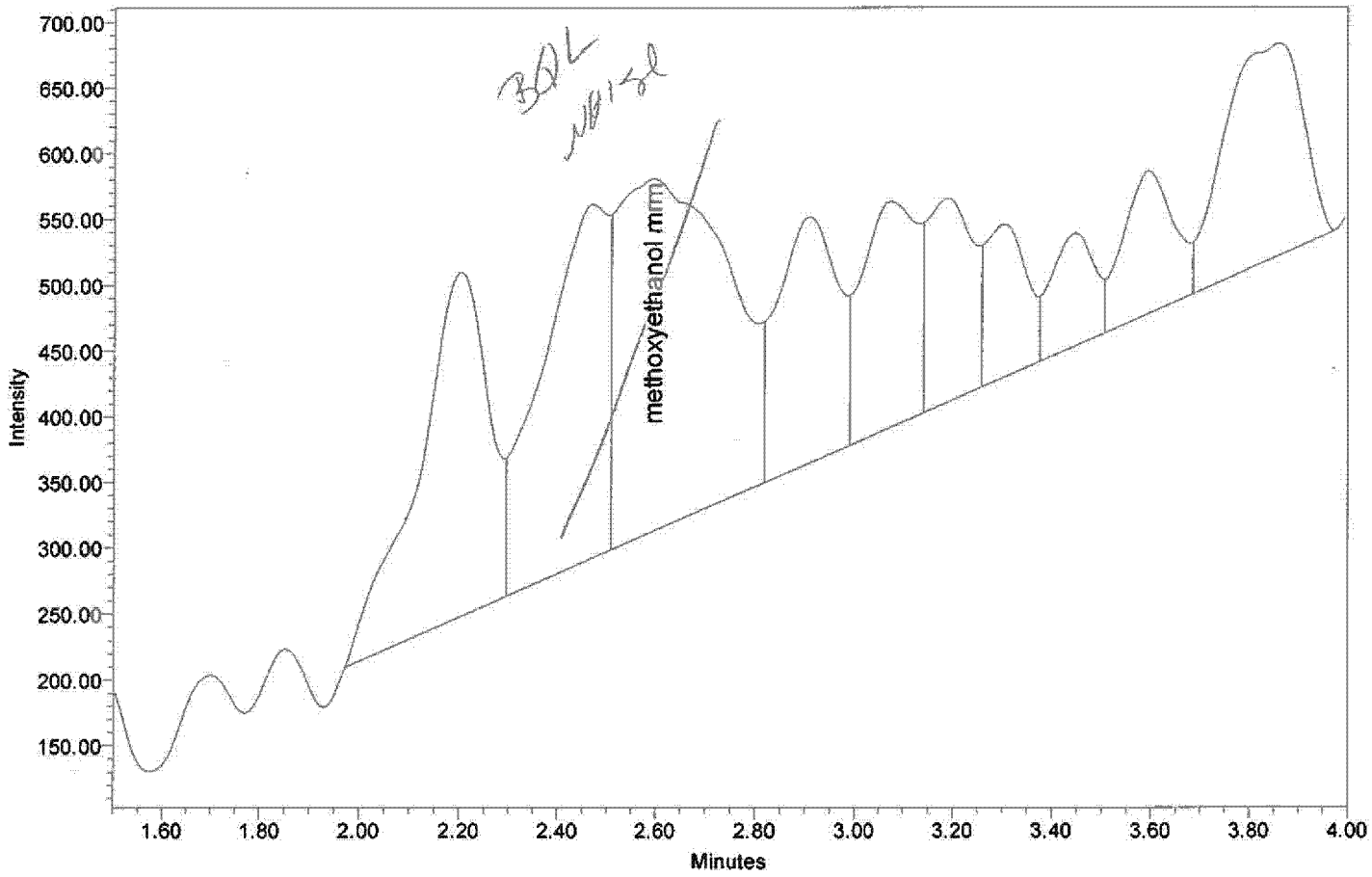
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-15 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.594	1201015-17	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	4064	268	VV

g 2/17/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:28:33 PM EST Vial 2:37

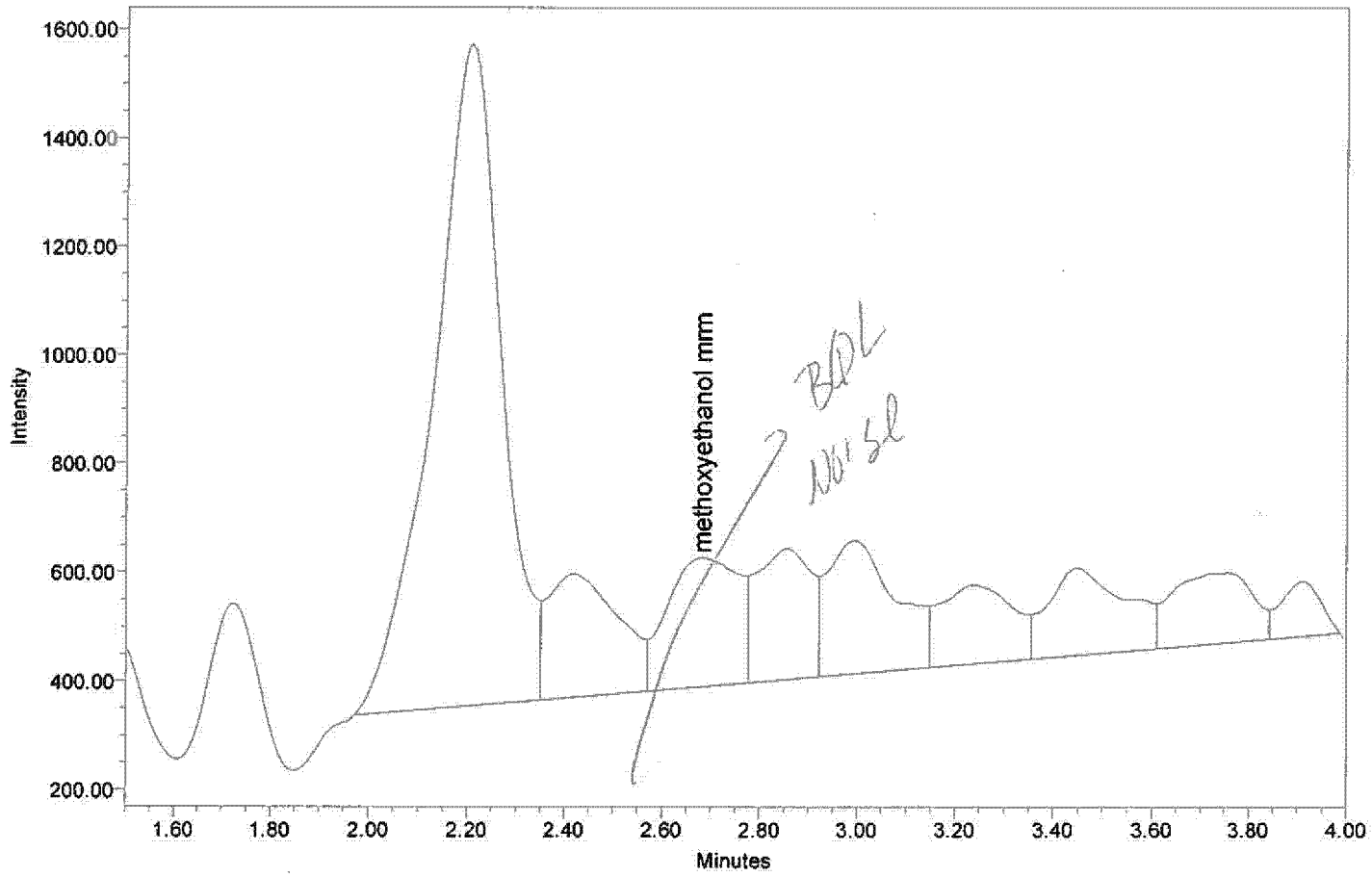
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-17 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.682	1201015-19	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	2399	236	VV

jg 2/17/12

extr_date 02022012 coll_date 01302012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:34:06 PM EST Vial 2:38

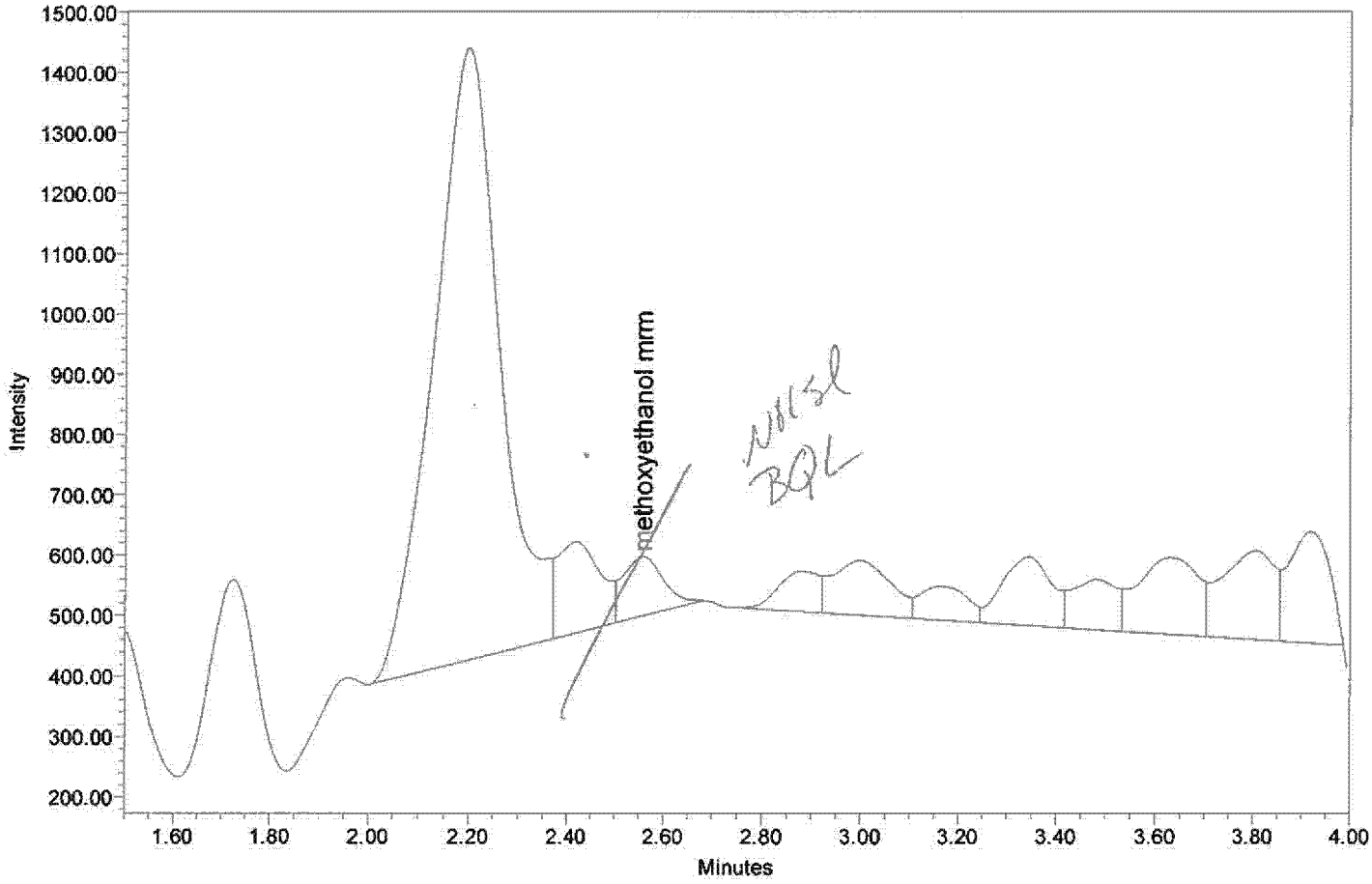
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-19 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.558	1201015-21	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	559	98	VB

2/7/12

jlg 2/7/

extr_date 02022012 coll_date 01302012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:39:40 PM EST Vial 2:39

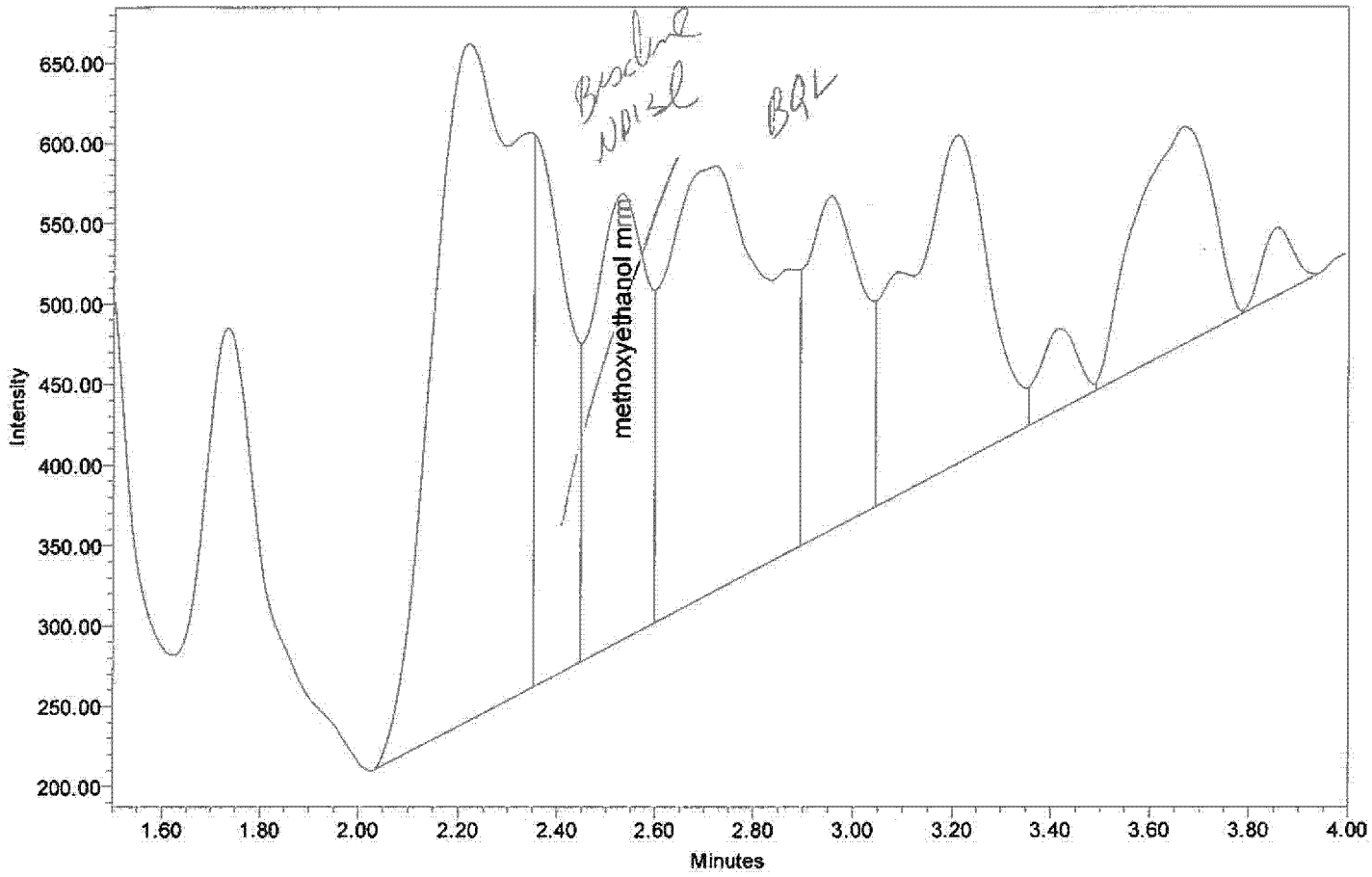
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-21 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.530	1201015-25	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	2179	278	VV

2/7/12

extr_date 02022012 coll_date 02012012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 1:56:14 PM EST Vial 2:42

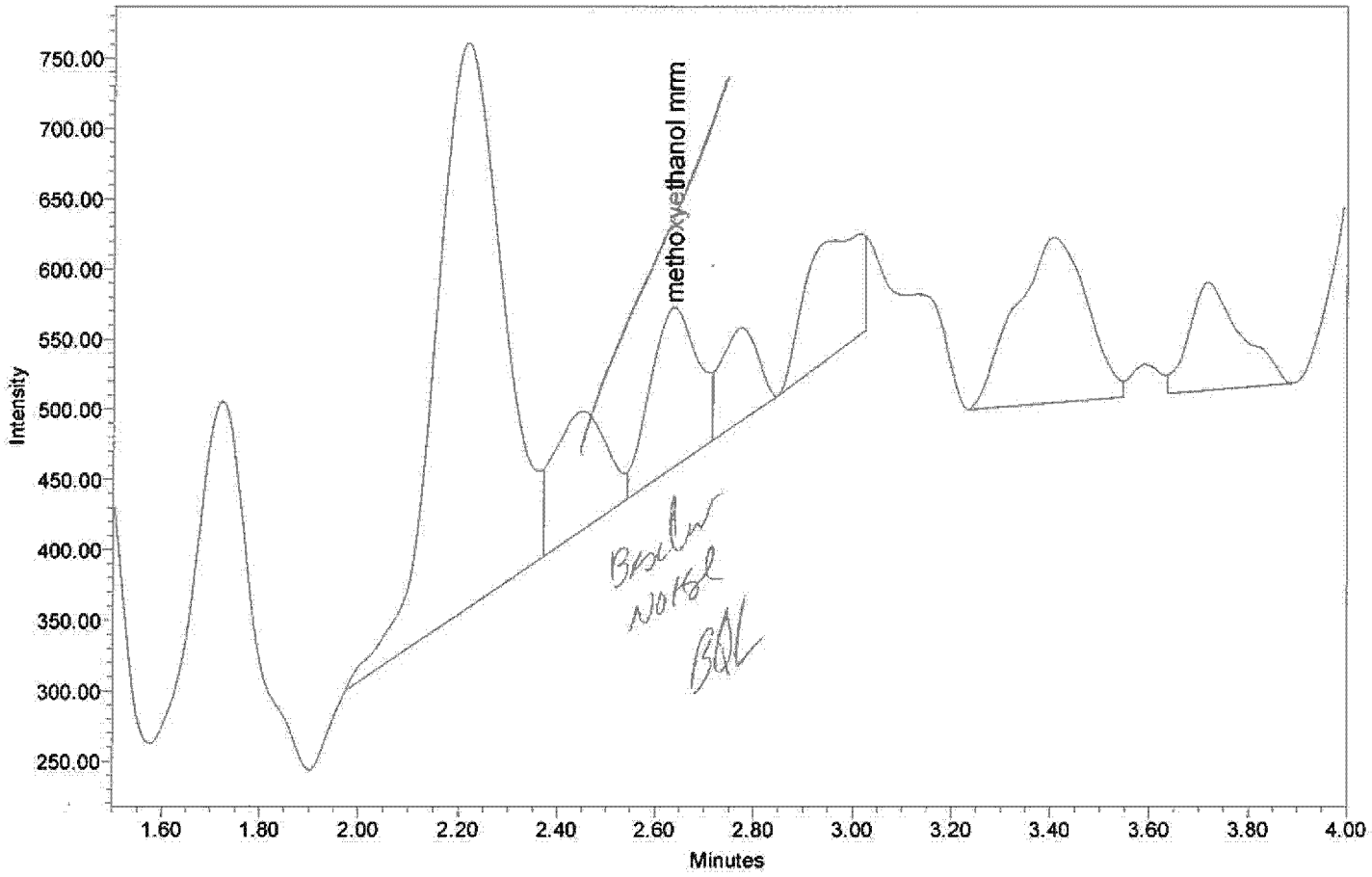
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-25 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.637	1201015-26	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	761	114	VV

JG 2/7/12

extr_date 02022012 coll_date 02012012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:01:44 PM EST Vial 2:43

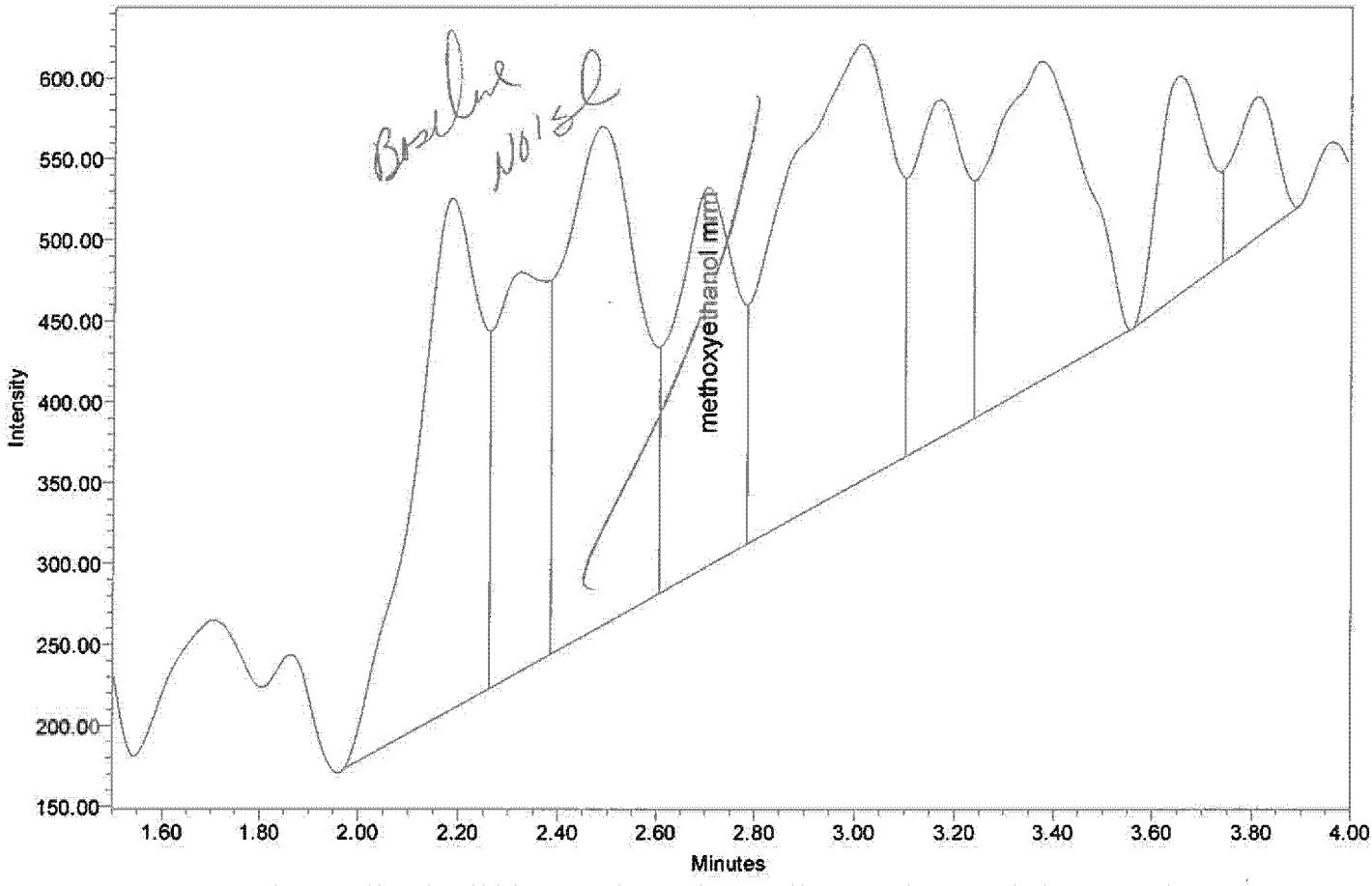
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-26 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

Injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.704	1201015-30	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	2039	234	VV

jg 2/7/12

extr_date 02022012 coll_date 02012012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:18:20 PM EST Vial 2:44

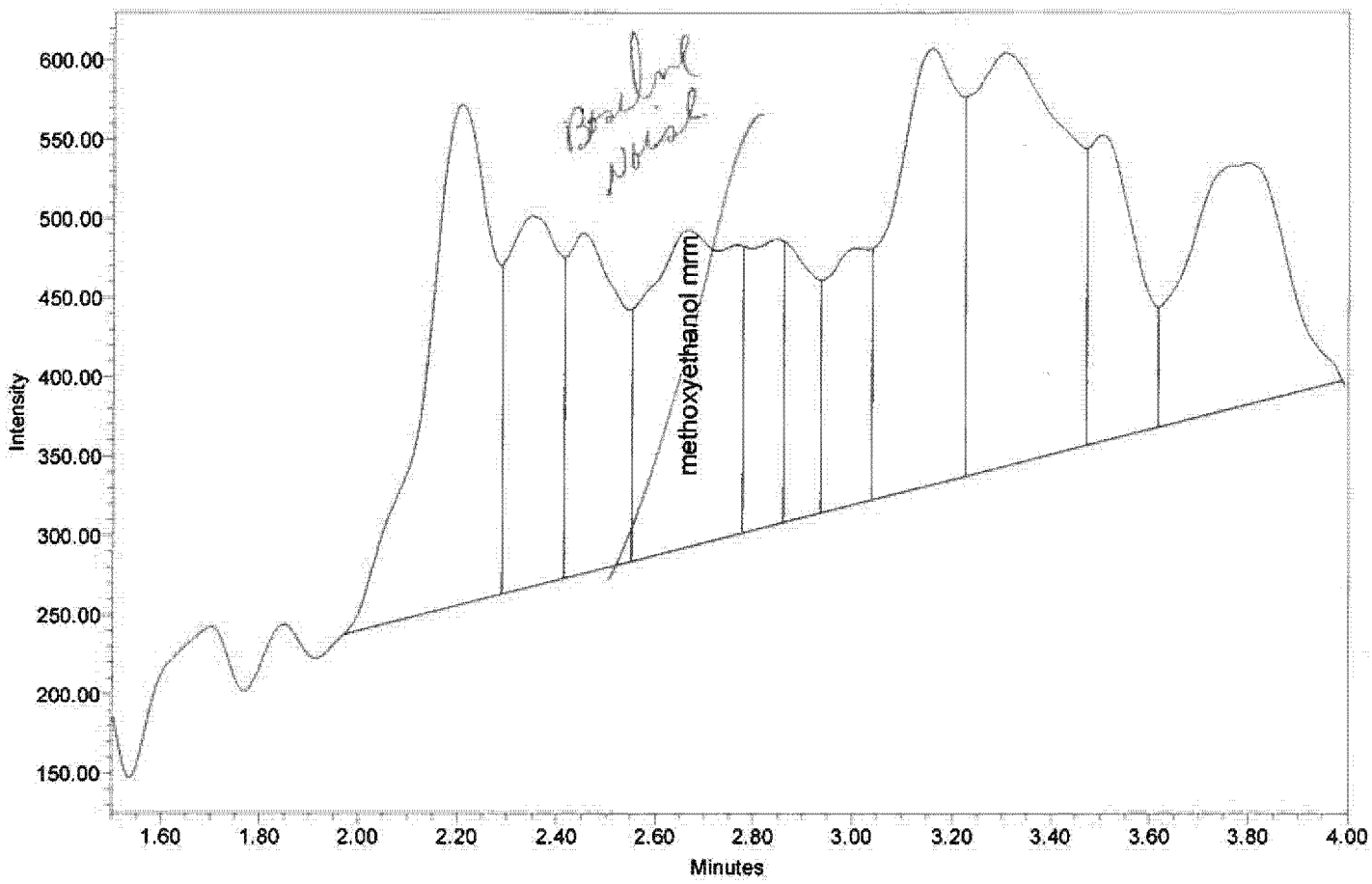
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-30 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.664	1201015-31	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	2483	200	VV

jlg 2/7/12

extr_date 02022012 coll_date 02012012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:23:51 PM EST Vial 2:45

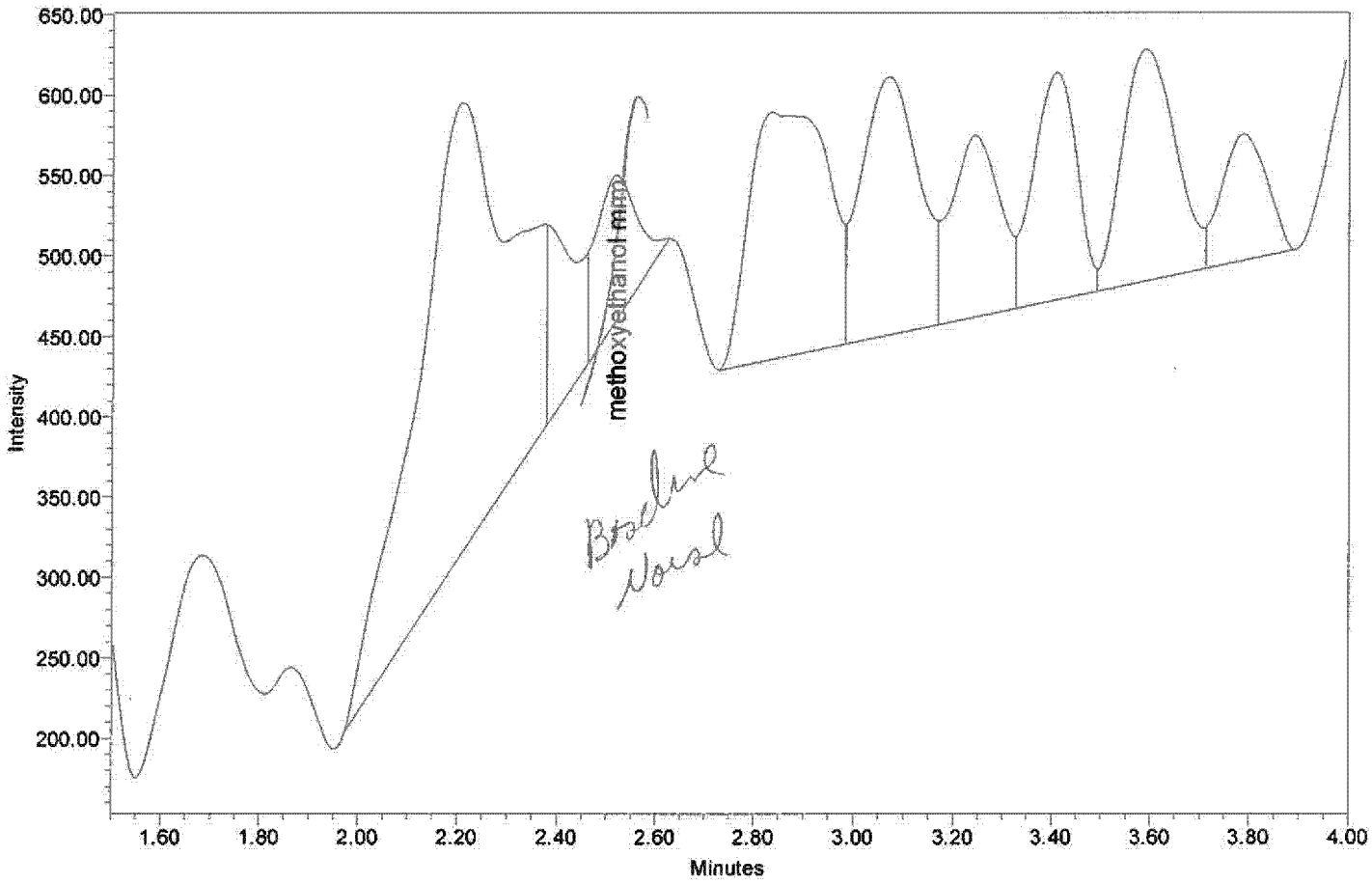
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-31 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.519	1201015-33	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	523	90	VB

JJ 2/7/12

extr_date 02022012 coll_date 02012012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:29:24 PM EST Vial 2:46

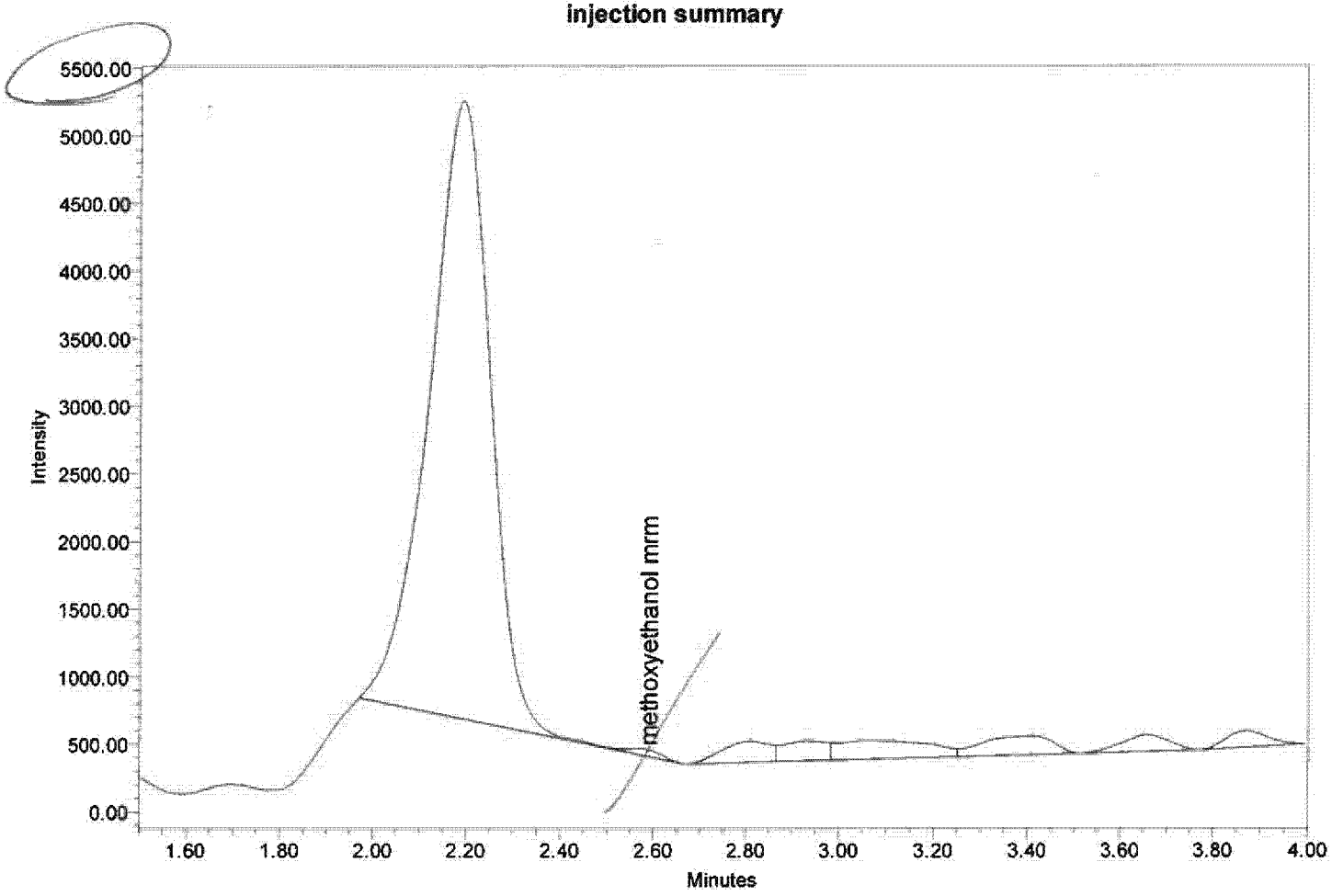
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-33 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.591	1201015-37	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	227	51	VB

BPL

peak @ 2.2 min
in this - 39 ret time
Not @ 2.6 ret time
but could warrant investigation
of compounds w/ 76 amu MW

JJ 2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:34:57 PM EST Vial 2:47

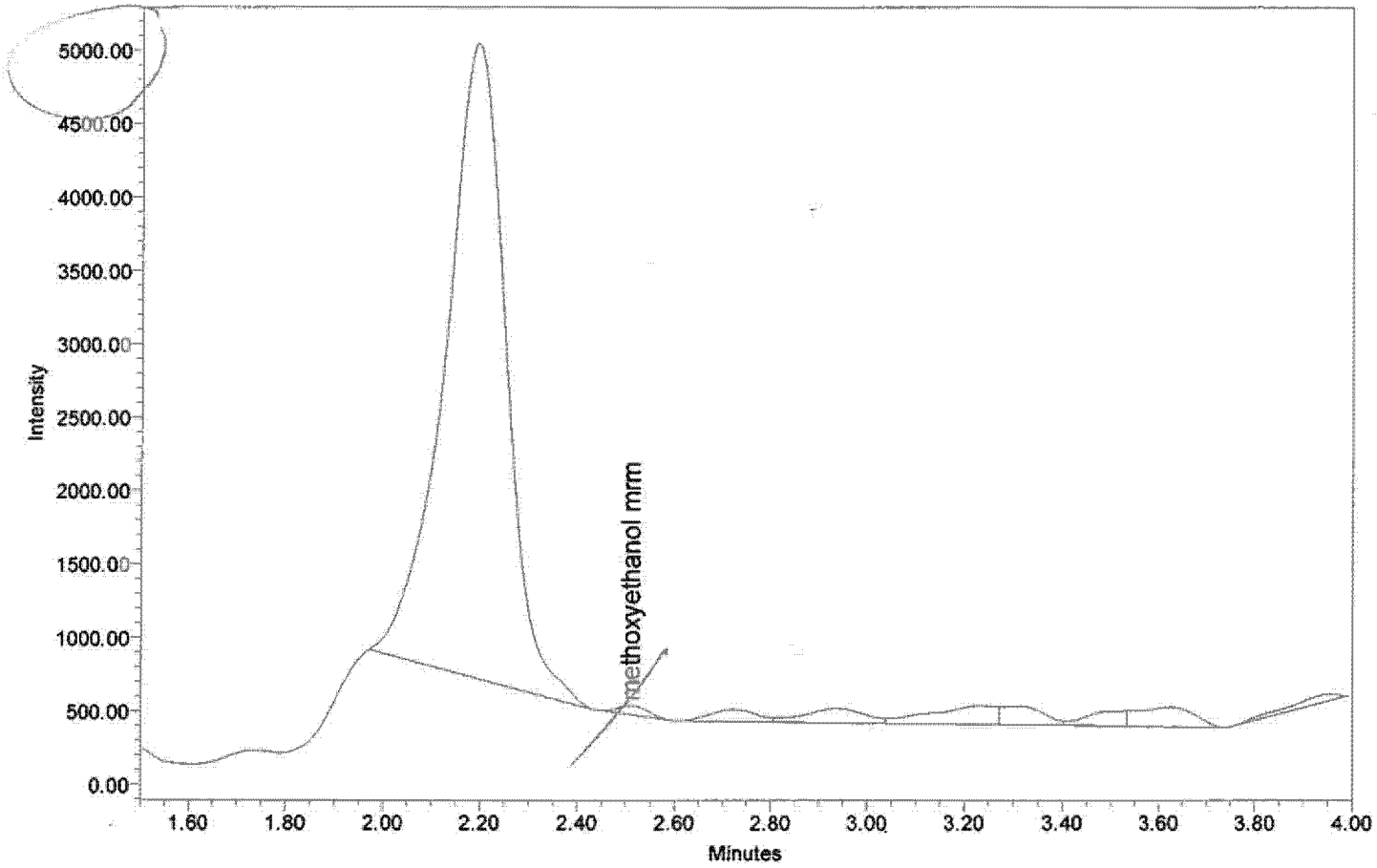
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-37 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.510	1201015-39	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	259	61	BB

BQL

Not at 2-Me ret time but has 77 → 59 MRM could warrant more investigation

jg 2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:40:31 PM EST Vial 2:48

Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

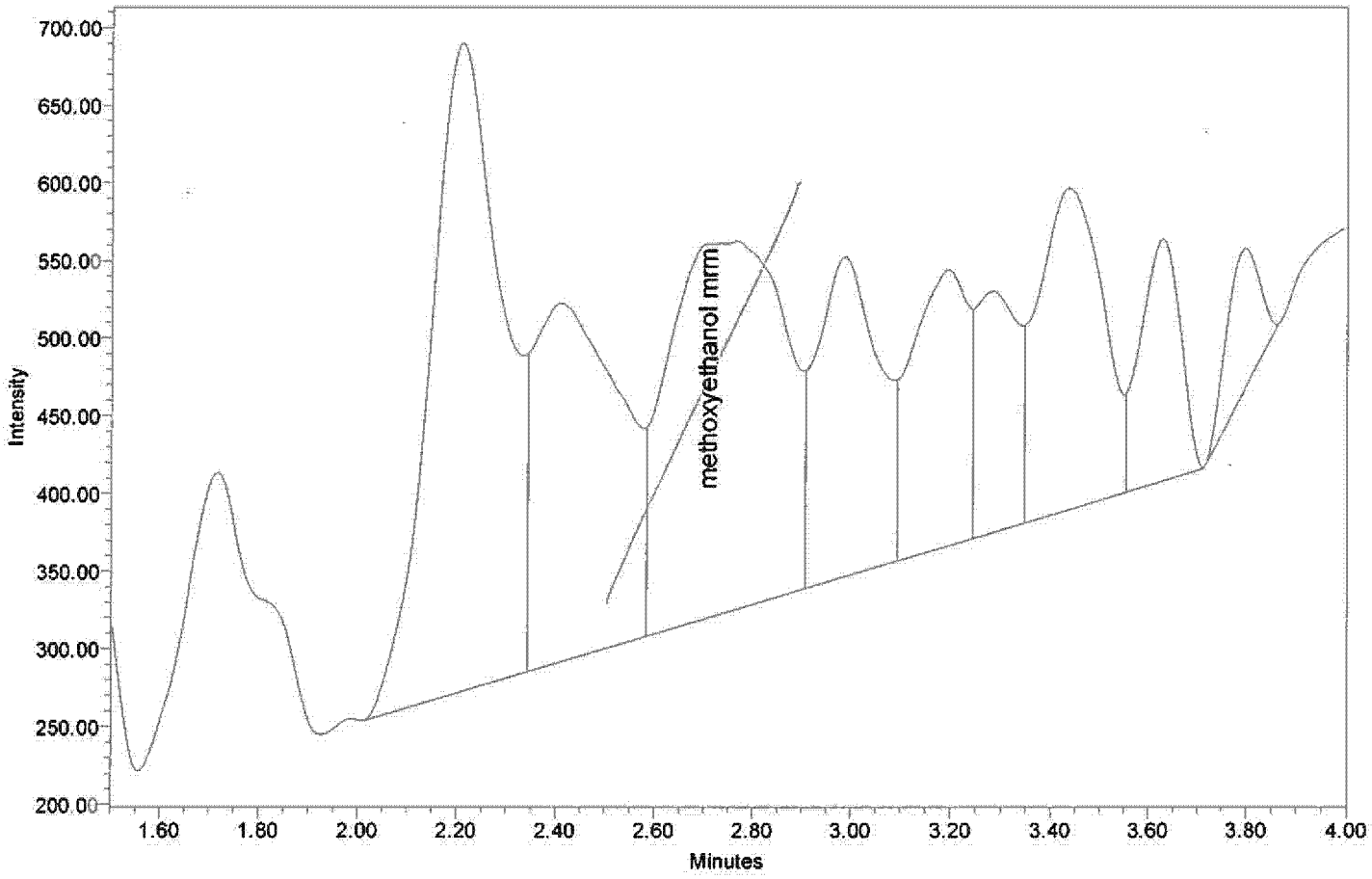
SampleName 1201015-39 Sample Set Name WO 1201013 Dimock 2me run 4

Page: 1 of 1

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.708	1201015-41	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	3941	241	VV

noise
BQL

jlg 2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:46:00 PM EST Vial 1:17

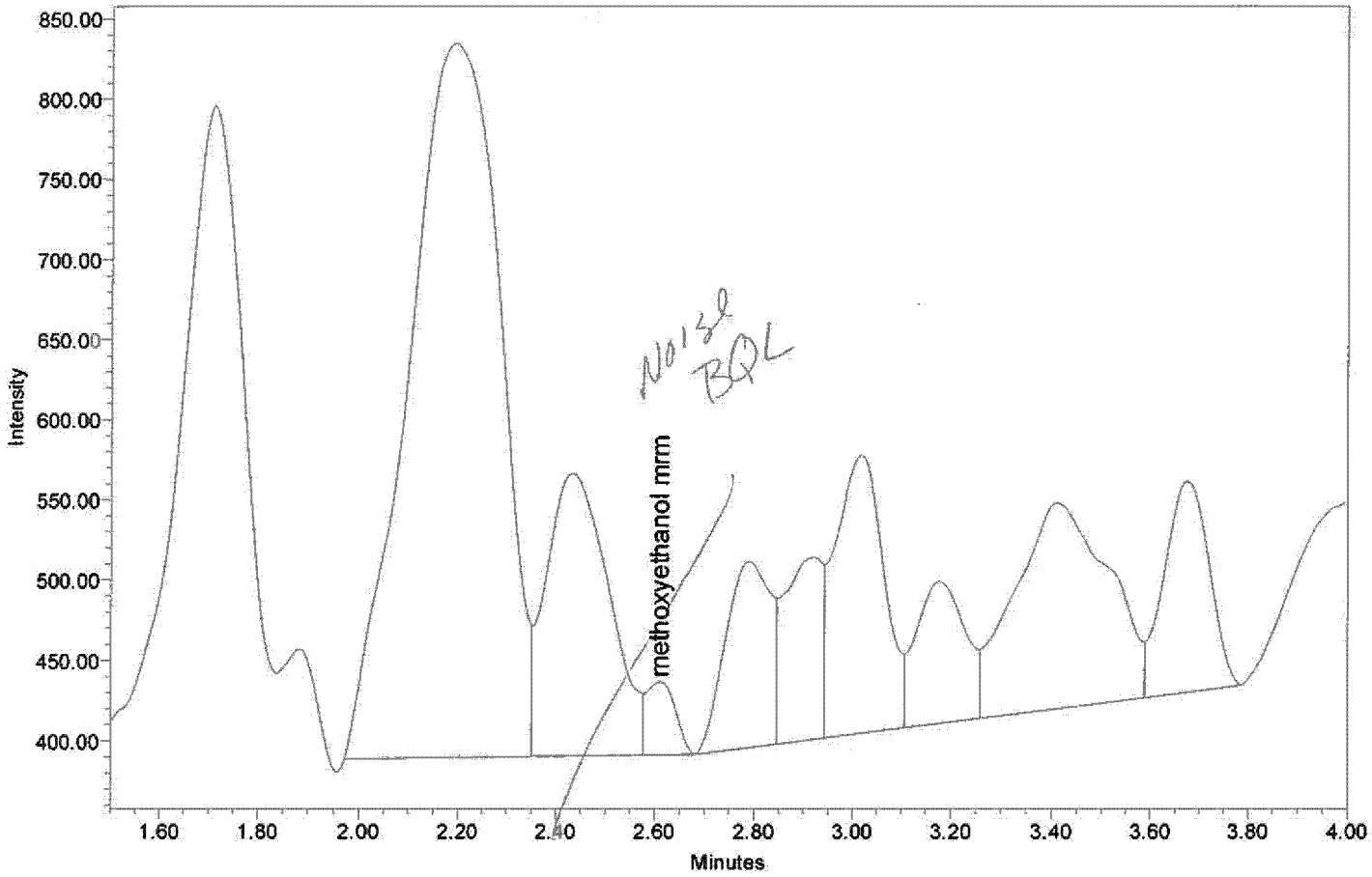
Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-41 Sample Set Name WO 1201013 Dimock 2me run 4

Empower 2 software

jlg TQD 2methoxy Summary

injection summary



Channel: TQ 2: MRM Ch1; Acq Meth set methoxyethanol MRM; Sample Set WO 1201013 Dimock 2me run 4

Name: methoxyethanol mrm

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	methoxyethanol mrm	2.610	1201015-43	2: MRM Ch1 76.91>59.10 ES+, CV=12 CE=8	183	46	VB

jlg 2/2/12

extr_date 02022012 coll_date 01312012 analyst jlg Inj Vol 30.00 uL

Acq Method Set methoxyethanol MRM Date Acquired 2/2/2012 2:51:31 PM EST Vial 1:18

Instrument Meth- methoxyethanol MRM Processing Meth WO 1201013 Dimock 2meth proc 4

SampleName 1201015-43 Sample Set Name WO 1201013 Dimock 2me run 4

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013

Dimock Residential Groundwater

DAS R33907

Log Book Copies, Run Logs

2methoxy run 4

process ~~protocol~~ methods

run log

WO 1201013 Dimock as System/Administrator - Project Injections

	SampleName	Vial	Injection	Sample Type	Date Acquired
1	LCB 1	2:1	1	Unknown	2/2/2012 12:22:03 PM EST
2	1200064 2me 500ppb accu	2:2	1	Standard	2/2/2012 12:27:34 PM EST
3	1200065 2me 250ppb accu	2:3	1	Standard	2/2/2012 12:33:07 PM EST
4	1200066 2me 100ppb accu	2:4	1	Standard	2/2/2012 12:38:40 PM EST
5	1200067 2me 50ppb accu	2:5	1	Standard	2/2/2012 12:44:13 PM EST
6	1200068 2me 25ppb accu	2:6	1	Standard	2/2/2012 12:49:47 PM EST
7	1200069 2me 10ppb accu	2:7	1	Standard	2/2/2012 12:55:21 PM EST
8	SCV 1200038 2me 100ppb ult	2:8	1	Unknown	2/2/2012 1:00:55 PM EST
9	LCB 2 BB20201- BLK1	2:9	1	Unknown	2/2/2012 1:06:26 PM EST
10	1201015-11	2:34	1	Unknown	2/2/2012 1:11:57 PM EST
11	1201015-13	2:35	1	Unknown	2/2/2012 1:17:29 PM EST
12	1201015-15	2:36	1	Unknown	2/2/2012 1:23:01 PM EST
13	1201015-17	2:37	1	Unknown	2/2/2012 1:28:33 PM EST
14	1201015-19	2:38	1	Unknown	2/2/2012 1:34:06 PM EST
15	1201015-21	2:39	1	Unknown	2/2/2012 1:39:40 PM EST
16	1201015-17MS BB20201 MS1	2:40	1	Unknown	2/2/2012 1:45:14 PM EST
17	1201015-17MSD BB20201 MSD1	2:41	1	Unknown	2/2/2012 1:50:44 PM EST
18	1201015-25	2:42	1	Unknown	2/2/2012 1:56:14 PM EST
19	1201015-26	2:43	1	Unknown	2/2/2012 2:01:44 PM EST
20	LCB 3	2:9	1	Unknown	2/2/2012 2:07:14 PM EST
21	1200066 2me100CCV ac bb20201-BS2	2:4	1	Unknown	2/2/2012 2:12:48 PM EST
22	1201015-30	2:44	1	Unknown	2/2/2012 2:18:20 PM EST
23	1201015-31	2:45	1	Unknown	2/2/2012 2:23:51 PM EST
24	1201015-33	2:46	1	Unknown	2/2/2012 2:29:24 PM EST
25	1201015-37	2:47	1	Unknown	2/2/2012 2:34:57 PM EST
26	1201015-39	2:48	1	Unknown	2/2/2012 2:40:31 PM EST
27	1201015-41	1:17	1	Unknown	2/2/2012 2:46:00 PM EST
28	1201015-43	1:18	1	Unknown	2/2/2012 2:51:31 PM EST
29	1200069 2me 10ppb accu low BS	2:7	1	Unknown	2/2/2012 2:57:05 PM EST
30	LCB 3	2:9	1	Unknown	2/2/2012 3:02:35 PM EST
31	1200066 2me100ppb ac ccv	2:4	1	Unknown	2/2/2012 3:08:07 PM EST

run log

	Sample Set Name
1	WO 1201013 Dimock 2me run 4
2	WO 1201013 Dimock 2me run 4
3	WO 1201013 Dimock 2me run 4
4	WO 1201013 Dimock 2me run 4
5	WO 1201013 Dimock 2me run 4
6	WO 1201013 Dimock 2me run 4
7	WO 1201013 Dimock 2me run 4
8	WO 1201013 Dimock 2me run 4
9	WO 1201013 Dimock 2me run 4
10	WO 1201013 Dimock 2me run 4
11	WO 1201013 Dimock 2me run 4

	Sample Set Name
12	WO 1201013 Dimock 2me run 4
13	WO 1201013 Dimock 2me run 4
14	WO 1201013 Dimock 2me run 4
15	WO 1201013 Dimock 2me run 4
16	WO 1201013 Dimock 2me run 4
17	WO 1201013 Dimock 2me run 4
18	WO 1201013 Dimock 2me run 4
19	WO 1201013 Dimock 2me run 4
20	WO 1201013 Dimock 2me run 4
21	WO 1201013 Dimock 2me run 4
22	WO 1201013 Dimock 2me run 4

	Sample Set Name
23	WO 1201013 Dimock 2me run 4
24	WO 1201013 Dimock 2me run 4
25	WO 1201013 Dimock 2me run 4
26	WO 1201013 Dimock 2me run 4
27	WO 1201013 Dimock 2me run 4
28	WO 1201013 Dimock 2me run 4
29	WO 1201013 Dimock 2me run 4
30	WO 1201013 Dimock 2me run 4
31	WO 1201013 Dimock 2me run 4

Active sample set : WO 1201013 Dimock 2me run 4

	Plate/Well	Inj Vol (uL)	# of Injs	SampleName	Level	Function	Method Set / Report Method	Run Time (Minutes)	Next Inj Delay (Minutes)
1	2:1	30.0	1	LCB 1		Inject Samples	methoxyethanol MRM	4.00	0.00
2	2:2	30.0	1	1200064 2me 500ppb accu	1	Inject Standards	methoxyethanol MRM	4.00	0.00
3	2:3	30.0	1	1200065 2me 250ppb accu	2	Inject Standards	methoxyethanol MRM	4.00	0.00
4	2:4	30.0	1	1200066 2me 100ppb accu	3	Inject Standards	methoxyethanol MRM	4.00	0.00
5	2:5	30.0	1	1200067 2me 50ppb accu	4	Inject Standards	methoxyethanol MRM	4.00	0.00
6	2:6	30.0	1	1200068 2me 25ppb accu	5	Inject Standards	methoxyethanol MRM	4.00	0.00
7	2:7	30.0	1	1200069 2me 10ppb accu	6	Inject Standards	methoxyethanol MRM	4.00	0.00
8	2:8	30.0	1	SCV 1200038 2me 100ppb uit		Inject Samples	methoxyethanol MRM	4.00	0.00
9	2:9	30.0	1	LCB 2 BB20201- BLK1		Inject Samples	methoxyethanol MRM	4.00	0.00
10						Equilibrate	methoxyethanol MRM	10.00	0.00
11	2:34	30.0	1	1201015-11		Inject Samples	methoxyethanol MRM	4.00	0.00
12	2:35	30.0	1	1201015-13		Inject Samples	methoxyethanol MRM	4.00	0.00
13	2:36	30.0	1	1201015-15		Inject Samples	methoxyethanol MRM	4.00	0.00
14	2:37	30.0	1	1201015-17		Inject Samples	methoxyethanol MRM	4.00	0.00
15	2:38	30.0	1	1201015-19		Inject Samples	methoxyethanol MRM	4.00	0.00
16	2:39	30.0	1	1201015-21		Inject Samples	methoxyethanol MRM	4.00	0.00
17	2:40	30.0	1	1201015-17MS BB20201 MS1		Inject Samples	methoxyethanol MRM	4.00	0.00
18	2:41	30.0	1	1201015-17MSD BB20201 MSD1		Inject Samples	methoxyethanol MRM	4.00	0.00
19	2:42	30.0	1	1201015-25		Inject Samples	methoxyethanol MRM	4.00	0.00
20	2:43	30.0	1	1201015-26		Inject Samples	methoxyethanol MRM	4.00	0.00
21	2:9	30.0	1	LCB 3		Inject Samples	methoxyethanol MRM	4.00	0.00
22	2:4	30.0	1	1200066 2me100CCV ac bb20201-BS1		Inject Samples	methoxyethanol MRM	4.00	0.00
23	2:44	30.0	1	1201015-30		Inject Samples	methoxyethanol MRM	4.00	0.00
24	2:45	30.0	1	1201015-31		Inject Samples	methoxyethanol MRM	4.00	0.00
25	2:46	30.0	1	1201015-33		Inject Samples	methoxyethanol MRM	4.00	0.00
26	2:47	30.0	1	1201015-37		Inject Samples	methoxyethanol MRM	4.00	0.00
27	2:48	30.0	1	1201015-39		Inject Samples	methoxyethanol MRM	4.00	0.00
28	1:17	30.0	1	1201015-41		Inject Samples	methoxyethanol MRM	4.00	0.00
29	1:18	30.0	1	1201015-43		Inject Samples	methoxyethanol MRM	4.00	0.00
30	2:7	30.0	1	1200069 2me 10ppb accu low BS		Inject Samples	methoxyethanol MRM	4.00	0.00
31	2:9	30.0	1	LCB 3		Inject Samples	methoxyethanol MRM	4.00	0.00
32	2:4	30.0	1	1200066 2me100ppb ac ccv		Inject Samples	methoxyethanol MRM	4.00	0.00

	MS Tune Method	MS Calibration Method	SampleWeight	Dilution	analyst	coll_date	extr_date	hplc_column	inst
1	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
2	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
3	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
4	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
5	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
6	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
7	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
8	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
9	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
10	2methoy comb test	Calibration09092011							
11	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01302012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
12	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
13	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
14	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS

Active sample set : WO 1201013 Dimock 2me run 4

	MS Tune Method	MS Calibration Method	SampleWeight	Dilution	analyst	coll_date	extr_date	hplc_column	inst
15	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01302012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
16	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01302012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
17	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
18	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
19	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
20	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
21	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
22	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
23	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
24	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
25	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	02012012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
26	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
27	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
28	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
29	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg	01312012	02022012	Atlantis dC18 lot:0141301481	TQD-LCMSMS
30	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
31	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS
32	2methoy comb test	Calibration09092011	1.0000	1.0000	jlg			Atlantis dC18 lot:0141301481	TQD-LCMSMS

Method Set: WO 1201013 Dimock 2meth proc 4

Stored: 2/3/2012 5:08:36 PM EST

General Information

Method Comments	
Method Modified User	System
Method Locked	No
Method Id	9041
Method Version	1
Method Edit User	
Source S/W Info	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731
Instrument Method	methoxyethanol MRM
Report Method	
3D Blank Chromatogram	
Processing Method	Glycol Mix
Export Method	
Store Derived Channel	No
Delete 3D Chrom	No

Method Set Table

	Channel Name	Processing Method	Report Method
1	TQ 2: MRM Ch1	WO 1201013 Dimock 2meth proc 4	

Revision History

Version 1 2/3/2012 5:08:36 PM EST User System

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User
1	WO 1201013 Dimock 2meth proc 4	Method Set		2/3/2012 5:08:36 PM EST	System

Method Version Summaries

	Method Locked	Method Id	Method Version	Source S/W Info
1	No	9041	1	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731

Processing Method: WO 1201013 Dimock 2meth proc 4

Type: LC *Stored: 2/3/2012 5:05:04 PM EST*

Method Information

Method Comments	
Method Modified User	System
Method Locked	No
Method Id	9031
Method Version	2
Method Edit User	
Source S/W Info	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731
Integration Algorithm	Traditional
Average By	None
RT Window %	5.00
Update RT	Never
CCalRef1	
Include Internal Standard Amounts in Amount Calculation	No
Vial/Default Value Type	Amount

Integration Parameters

Minimum Area	150(µV*sec)
Minimum Height	15(µV)
Threshold	2.000(µV/sec)
Peak Width	15.00(sec)

Integration Events

	Time (min)	Type	Value	Stop (min)
1	0.000	Inhibit Integration		2.000

Component Table

	Name	Peak Label	Retention Time (min)	RT Window (min)	Channel	Peak Match	Y Value	X Value	Fit	Weighting
1	methoxyethanol		2.597	0.130	TQ 1: SIR Ch1	Closest	Area	Amount	Linear	None
2	methoxyethanol mrm		2.597	0.130	TQ 2: MRM Ch1	Closest	Area	Amount	Linear	None

Component Table

	Internal Std	RT Reference	Rel RT Reference	Rel Resol Reference	Curve Reference	Relative Response	Must	Default Pk
1						1.000000	No	No
2						1.000000	No	No

Component Table

	Default Pk Start (min)	Default Pk End (min)	Default Units	Type	CCompRef1	CCompRef2	CCompRef3	CConst1	CConst2	CConst3
1				Single						
2				Single						

Component Table

	CConst4	CConst5	CConst6	CConst7
1				
2				

Processing Method Group 'Name Groups' table contains no data.

Processing Method Group 'Time Groups' table contains no data.

Def Amts-'methoxyethanol'

	Level	Default Value
1	1	483.000000
2	2	242.000000
3	3	97.000000
4	4	48.000000
5	5	24.000000
6	6	9.700000

Def Amts-'methoxyethanol mrm'

	Level	Default Value
1	1	483.000000
2	2	242.000000
3	3	97.000000
4	4	48.000000
5	5	24.000000
6	6	9.700000

Noise and Drift Parameters

Calculate Detector Noise and Drift	No
Detector Noise and Drift Start Time	6.500(Minutes)
Detector Noise and Drift End Time	7.000(Minutes)
Detector Noise and Drift Segment Width	10(sec)

Concentration Smoothing/Offset Parameters

Time Offset	0.000(Minutes)
Smoothing Type	Mean
Smoothing Level	13
Empty parameters supersede the derived channel's smoothing and offset parameters	No

Revision History

Version 2 2/3/2012 5:05:04 PM EST User System
Version 1 2/3/2012 5:04:48 PM EST User System

Method Version Summaries

	Method Name	Method Type	Method Comments	Method Date	Method Modified User
1	WO 1201013 Dimock 2meth proc 4	Processing		2/3/2012 5:05:04 PM EST	System
2	WO 1201013 Dimock 2meth proc 4	Processing		2/3/2012 5:04:48 PM EST	System

Method Version Summaries

	Method Locked	Method Id	Method Version	Source S/W Info
1	No	9031	2	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731
2	No	9030	1	Empower 2 Software Build 2154 SPs Installed: Feature Release 5 DB ID: 824652731

Analytical Standard Record

U.S. EPA Region 3

1200012

Description:	2methoxyethanol 9.6ppm Accu	Expires:	07/07/12
Standard Type:	Analyte Spike	Prepared:	01/10/12
Solvent:	DI H2O H203	Prepared By:	Jennifer Gundersen
Final Volume (mls):	100	Department:	HPLC
Vials:	1	Last Edit:	01/25/12 17:09 by JG

Analyte	CAS Number	Concentration	Units
2-Methoxyethanol	109-86-4	9.66	mg/L

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
1200010	2-methoxyethanol 966ppm in H2O	01/09/12	Jennifer Gundersen	07/07/12	01/25/12 17:09 by JG	1

Reviewed By _____ Date _____

Analytical Standard Record

U.S. EPA Region 3

1200034

Description:	2-methoxyethanol	Expires:	01/17/13
Standard Type:	Other	Prepared:	01/19/12
Solvent:	neat	Prepared By:	** Vendor **
Final Volume (mls):	1	Department:	HPLC
Vials:	1	Last Edit:	01/19/12 11:46 by JG

WRK-190 phenols and ethers kit
WRK-190R
density 0.966

Analyte	CAS Number	Concentration	Units
2-Methoxyethanol	109-86-4	966000	ug/mL

Reviewed By Date

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013 ~~13~~ 15 AO 2-8-12

Dimock Residential Groundwater

DAS R33907

Calibration Data

glycols run 4

low Bs for
Tri G + Tet G could be low based on
low std on IC curve
2/4/12

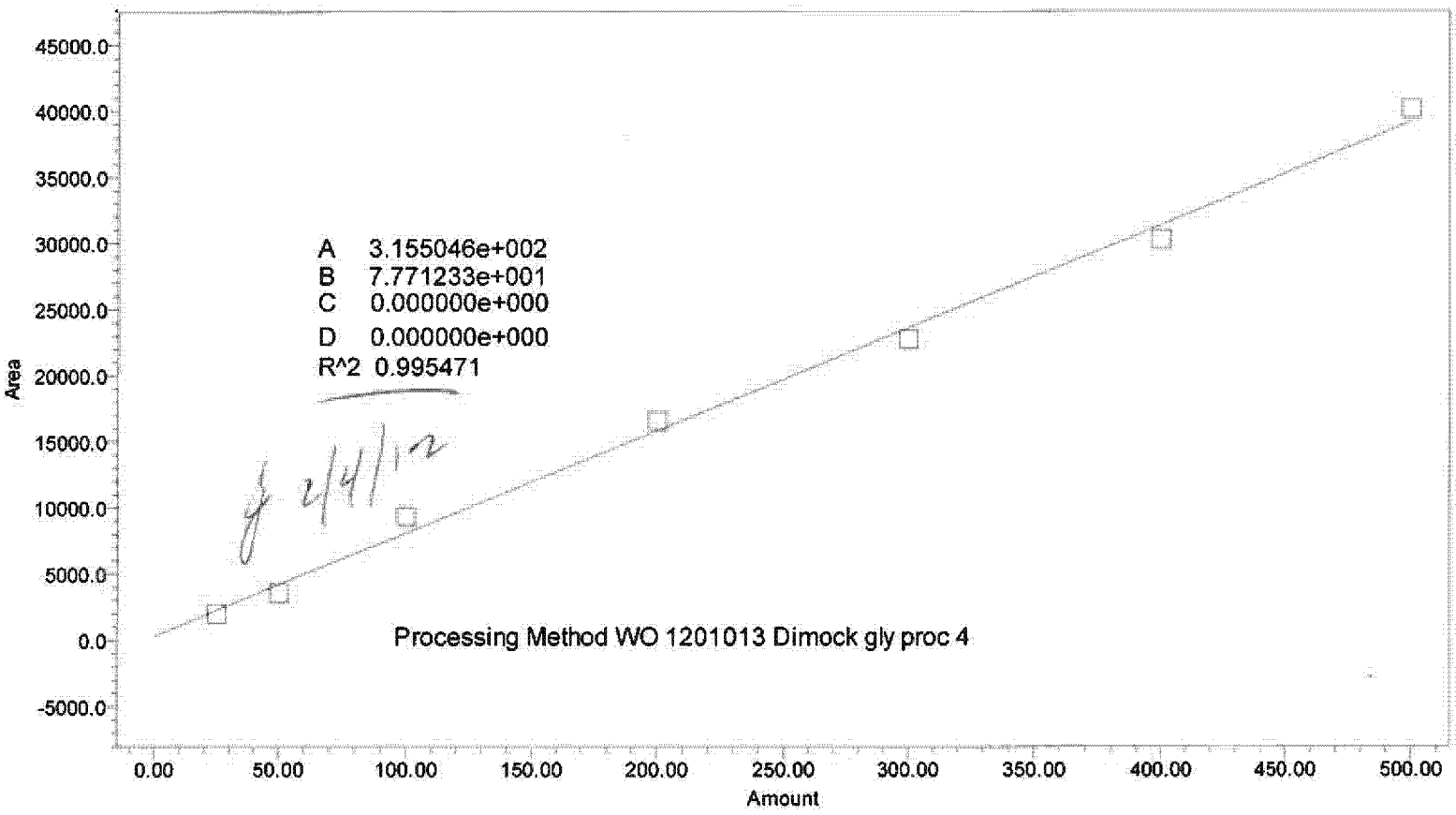
cal done
need to
process samples
+ QC

Empower 2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 1: MRM Ch1	Calibration ID:	9150
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:06 AM EST		

Calibration Plot



g 2/4/12

Peak: di ethylene glycol

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	di ethylene glycol	7	25.0	1960.3	21.2	-15.3	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48
2	di ethylene glycol	6	50.0	3559.1	41.7	-16.5	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48
3	di ethylene glycol	5	100.0	9327.3	116.0	16.0	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48
4	di ethylene glycol	4	200.0	16594.1	209.5	4.7	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48
5	di ethylene glycol	3	300.0	22744.7	288.6	-3.8	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48
6	di ethylene glycol	2	400.0	30303.3	385.9	-3.5	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48
7	di ethylene glycol	1	500.0	40116.6	512.2	2.4	No	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48

Peak: di ethylene glycol

	Date Acquired
1	2/2/2012 8:11:18 PM EST
2	2/2/2012 7:50:45 PM EST
3	2/2/2012 7:30:12 PM EST
4	2/2/2012 7:09:41 PM EST
5	2/2/2012 6:49:11 PM EST

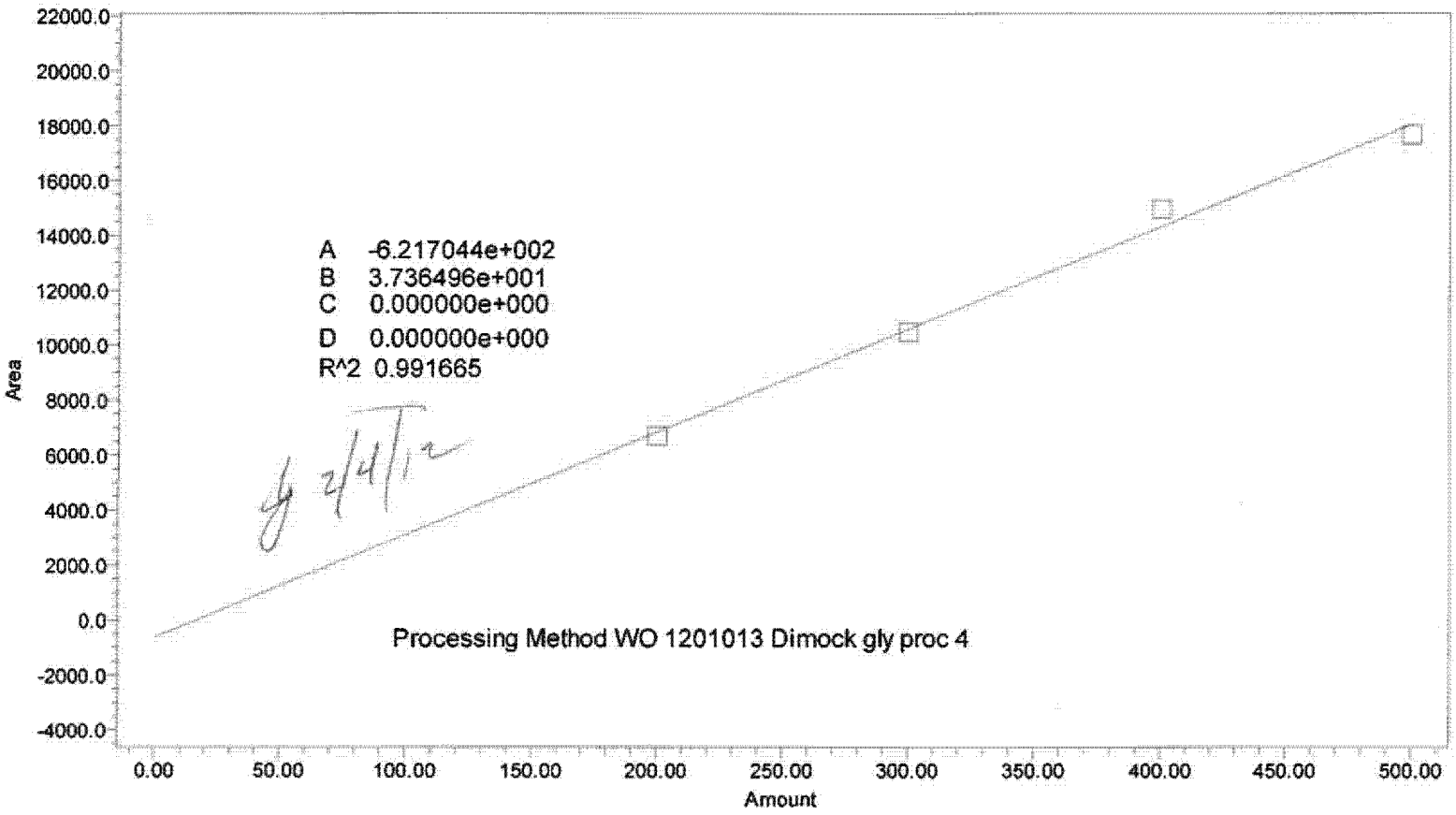
	Date Acquired
6	2/2/2012 6:28:40 PM EST
7	2/2/2012 6:08:10 PM EST

Empower2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 1: MRM Ch2	Calibration ID:	9160
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:06 AM EST		

Calibration Plot



gy 2/4/12

Peak: di ethylene glycol conf

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	di ethylene glycol conf	4	200.0	6704.4	196.1	-2.0	No	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22
2	di ethylene glycol conf	3	300.0	10490.8	297.4	-0.9	No	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22
3	di ethylene glycol conf	2	400.0	14959.1	417.0	4.2	No	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22
4	di ethylene glycol conf	1	500.0	17669.9	489.5	-2.1	No	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22

Peak: di ethylene glycol conf

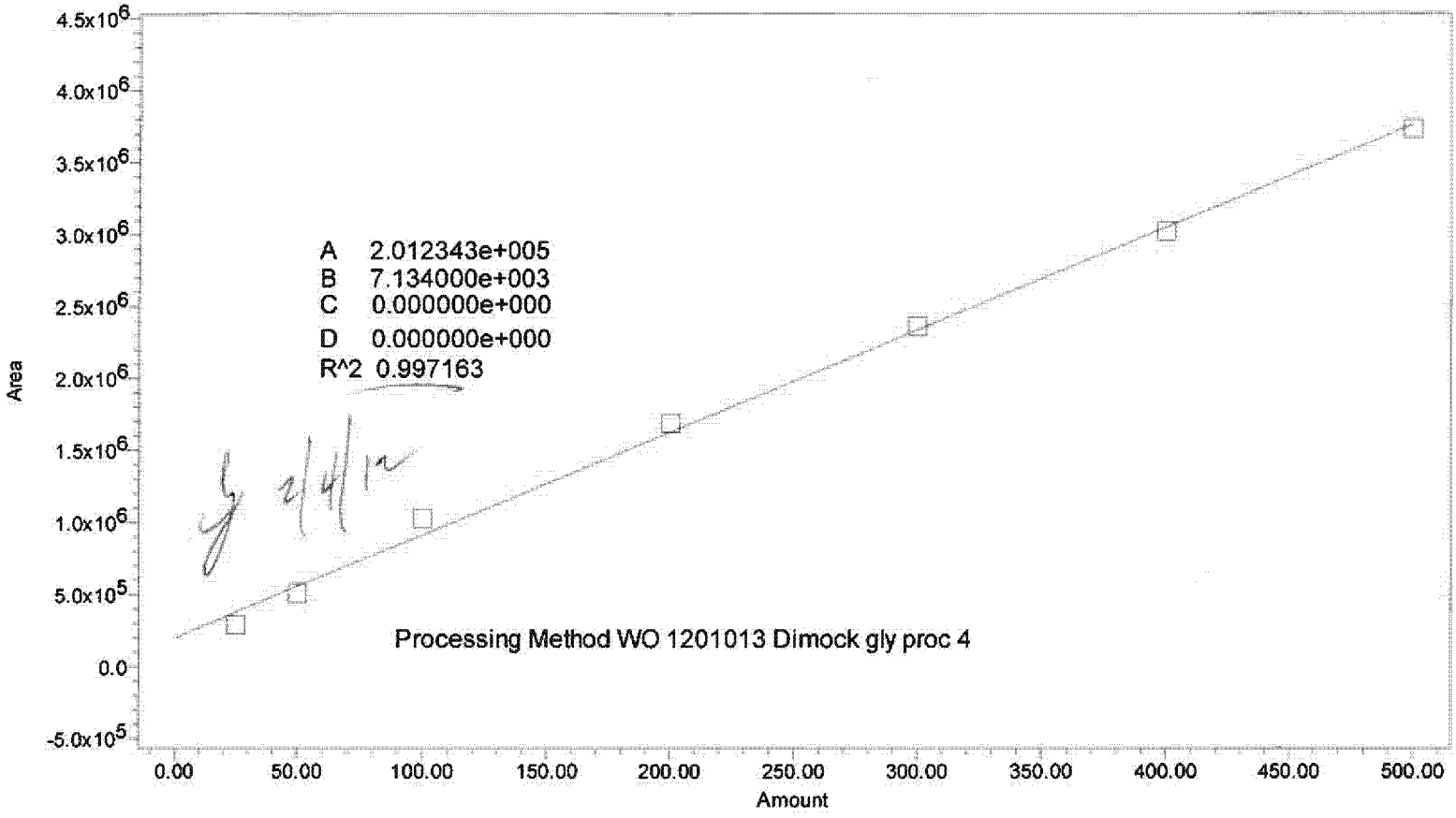
	Date Acquired
1	2/2/2012 7:09:41 PM EST
2	2/2/2012 6:49:11 PM EST
3	2/2/2012 6:28:40 PM EST
4	2/2/2012 6:08:10 PM EST

Empower 2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 2: MRM Ch1	Calibration ID:	9170
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:07 AM EST		

Calibration Plot



Peak: tri ethylene glycol

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	tri ethylene glycol	7	25.0	291721.2	12.7	-49.3	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26
2	tri ethylene glycol	6	50.0	506514.6	42.8	-14.4	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26
3	tri ethylene glycol	5	100.0	1026250.8	115.6	15.6	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26
4	tri ethylene glycol	4	200.0	1689553.2	208.6	4.3	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26
5	tri ethylene glycol	3	300.0	2364663.8	303.3	1.1	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26
6	tri ethylene glycol	2	400.0	3026090.4	396.0	-1.0	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26
7	tri ethylene glycol	1	500.0	3739896.2	496.0	-0.8	No	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26

Peak: tri ethylene glycol

	Date Acquired
1	2/2/2012 8:11:18 PM EST
2	2/2/2012 7:50:45 PM EST
3	2/2/2012 7:30:12 PM EST
4	2/2/2012 7:09:41 PM EST
5	2/2/2012 6:49:11 PM EST

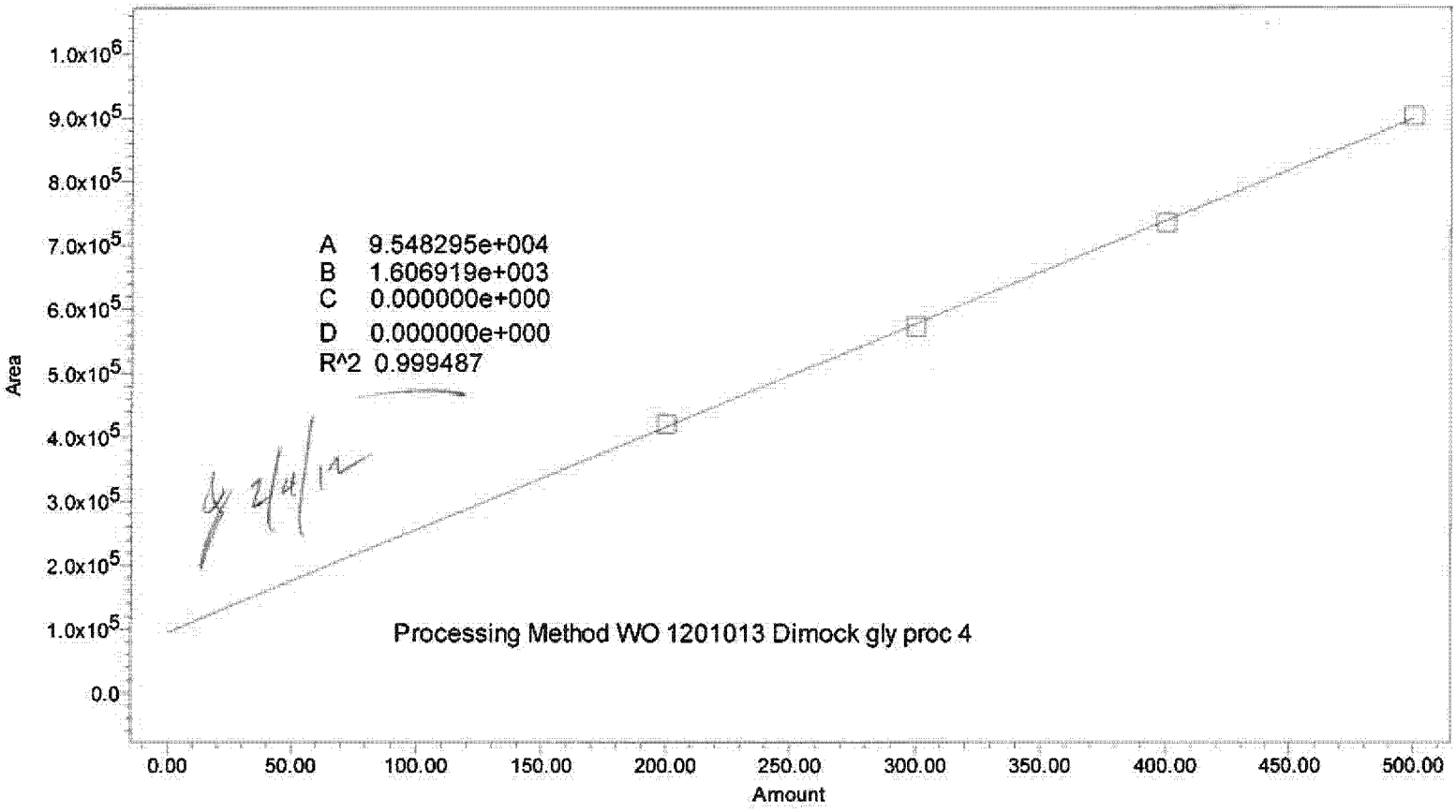
	Date Acquired
6	2/2/2012 6:28:40 PM EST
7	2/2/2012 6:08:10 PM EST

Empower 2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 2: MRM Ch2	Calibration ID:	9180
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:07 AM EST		

Calibration Plot



Peak: tri ethylene glycol conf

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	tri ethylene glycol conf	4	200.0	421143.8	202.7	1.3	No	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24
2	tri ethylene glycol conf	3	300.0	572798.4	297.0	-1.0	No	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24
3	tri ethylene glycol conf	2	400.0	734939.4	397.9	-0.5	No	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24
4	tri ethylene glycol conf	1	500.0	902736.4	502.4	0.5	No	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24

Peak: tri ethylene glycol conf

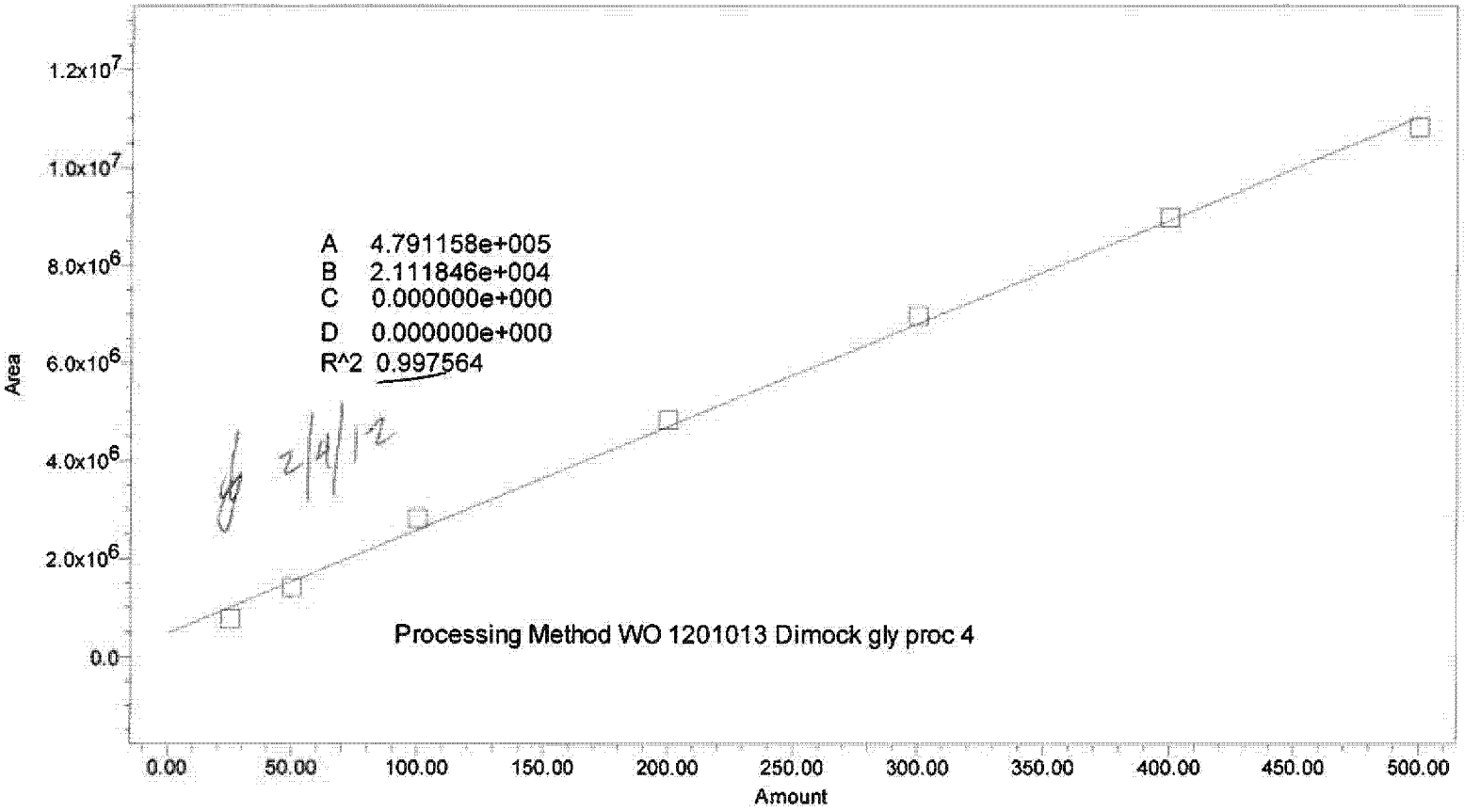
	Date Acquired
1	2/2/2012 7:09:41 PM EST
2	2/2/2012 6:49:11 PM EST
3	2/2/2012 6:28:40 PM EST
4	2/2/2012 6:08:10 PM EST

Empower2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 3: MRM Ch1	Calibration ID:	9190
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:07 AM EST		

Calibration Plot



2/4/12

Peak: tetra ethylene glycol

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	tetra ethylene glycol	7	25.0	771335.9	13.8	-44.7	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22
2	tetra ethylene glycol	6	50.0	1411055.3	44.1	-11.7	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22
3	tetra ethylene glycol	5	100.0	2819043.3	110.8	10.8	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22
4	tetra ethylene glycol	4	200.0	4831446.6	206.1	3.0	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22
5	tetra ethylene glycol	3	300.0	6971987.6	307.5	2.5	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22
6	tetra ethylene glycol	2	400.0	8991294.3	403.1	0.8	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22
7	tetra ethylene glycol	1	500.0	10819226.8	489.6	-2.1	No	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22

Peak: tetra ethylene glycol

	Date Acquired
1	2/2/2012 8:11:18 PM EST
2	2/2/2012 7:50:45 PM EST
3	2/2/2012 7:30:12 PM EST
4	2/2/2012 7:09:41 PM EST
5	2/2/2012 6:49:11 PM EST

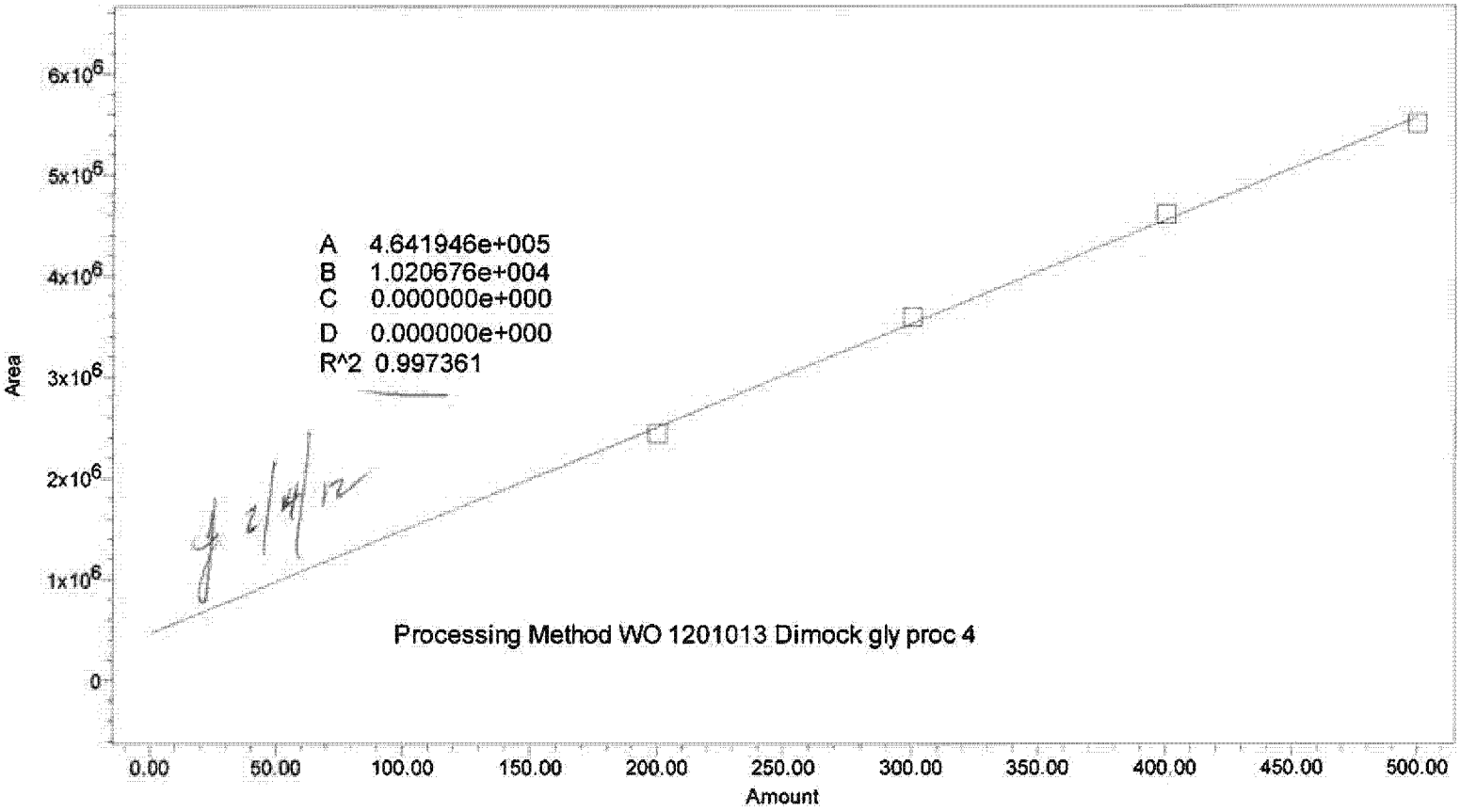
	Date Acquired
6	2/2/2012 6:28:40 PM EST
7	2/2/2012 6:08:10 PM EST

Empower 2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 3: MRM Ch2	Calibration ID:	9200
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:07 AM EST		

Calibration Plot



g 2/4/12

Peak: tetra ethylene glycol conf

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	tetra ethylene glycol conf	4	200.0	2445532.7	194.1	-2.9	No	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20
2	tetra ethylene glycol conf	3	300.0	3589024.5	306.2	2.1	No	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20
3	tetra ethylene glycol conf	2	400.0	4601342.7	405.3	1.3	No	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20
4	tetra ethylene glycol conf	1	500.0	5510347.8	494.4	-1.1	No	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20

Peak: tetra ethylene glycol conf

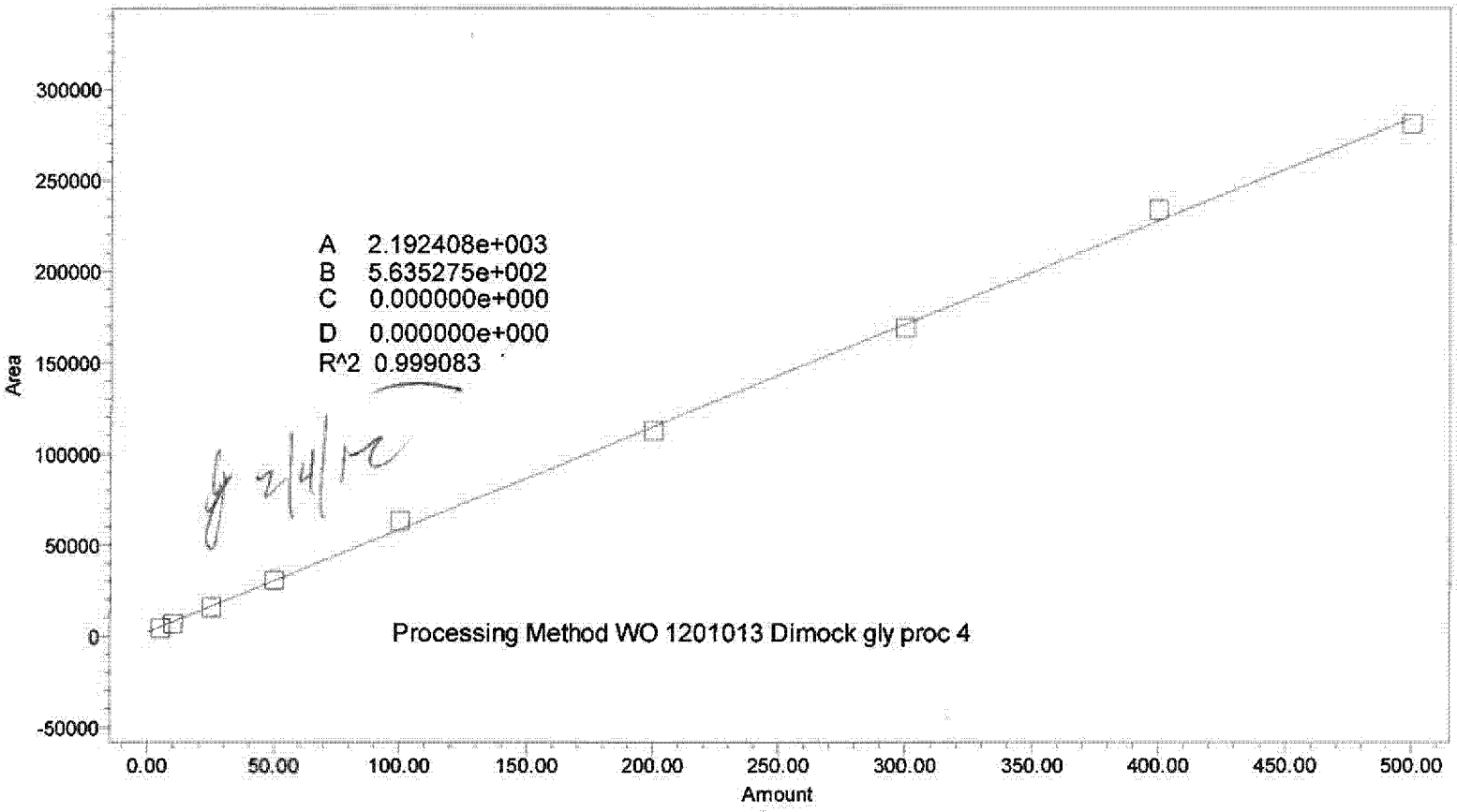
	Date Acquired
1	2/2/2012 7:09:41 PM EST
2	2/2/2012 6:49:11 PM EST
3	2/2/2012 6:28:40 PM EST
4	2/2/2012 6:08:10 PM EST

Empower2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 4: MRM Ch2	Calibration ID:	9220
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:08 AM EST		

Calibration Plot



Peak: 2 butoxyethanol

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	2 butoxyethanol	9	5.0	4129.4	3.4	-31.3	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
2	2 butoxyethanol	8	10.0	6436.0	7.5	-24.7	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
3	2 butoxyethanol	7	25.0	15762.5	24.1	-3.7	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
4	2 butoxyethanol	6	50.0	30527.2	50.3	0.6	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
5	2 butoxyethanol	5	100.0	63093.3	108.1	8.1	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
6	2 butoxyethanol	4	200.0	112585.6	195.9	-2.1	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
7	2 butoxyethanol	3	300.0	169148.1	296.3	-1.2	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
8	2 butoxyethanol	2	400.0	233479.1	410.4	2.6	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14
9	2 butoxyethanol	1	500.0	280579.1	494.0	-1.2	No	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14

Peak: 2 butoxyethanol

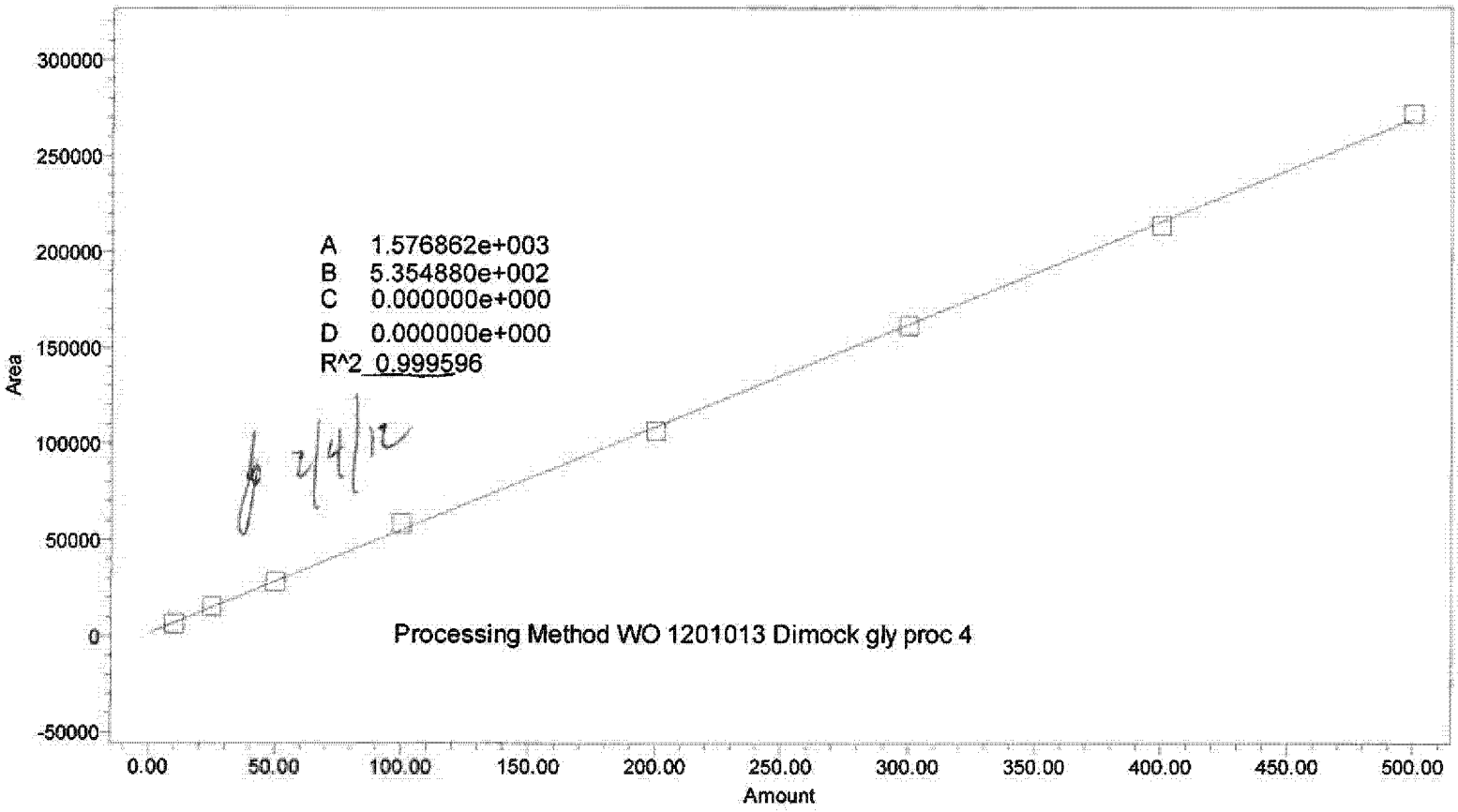
	Date Acquired		Date Acquired		Date Acquired
1	2/2/2012 8:52:21 PM EST	4	2/2/2012 7:50:45 PM EST	7	2/2/2012 6:49:11 PM EST
2	2/2/2012 8:31:52 PM EST	5	2/2/2012 7:30:12 PM EST	8	2/2/2012 6:28:40 PM EST
3	2/2/2012 8:11:18 PM EST	6	2/2/2012 7:09:41 PM EST	9	2/2/2012 6:08:10 PM EST

Empower2 software

cal report

Processing Method:	WO 1201013 Dimock gly proc 4	Project Name:	WO 1201013 Dimock
Processing Method ID:	9032	System:	UPLC_TQD and PDA
Channel:	TQ 4: MRM Ch1	Calibration ID:	9210
Proc. Chnl. Descr.:	****		
Date Calibrated:	2/4/2012 11:47:08 AM EST		

Calibration Plot



Peak: 2 butoxyethanol conf

	Name	Level	X Value	Response	Calc Val	% Dev	Manual	Channel Description
1	2 butoxyethanol conf	8	10.0	6398.7	9.0	-10.0	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
2	2 butoxyethanol conf	7	25.0	15256.0	25.5	2.2	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
3	2 butoxyethanol conf	6	50.0	28033.4	49.4	-1.2	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
4	2 butoxyethanol conf	5	100.0	58427.9	106.2	6.2	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
5	2 butoxyethanol conf	4	200.0	106449.9	195.8	-2.1	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
6	2 butoxyethanol conf	3	300.0	161340.4	298.4	-0.5	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
7	2 butoxyethanol conf	2	400.0	213657.7	396.1	-1.0	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20
8	2 butoxyethanol conf	1	500.0	271799.2	504.6	0.9	No	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20

Peak: 2 butoxyethanol conf

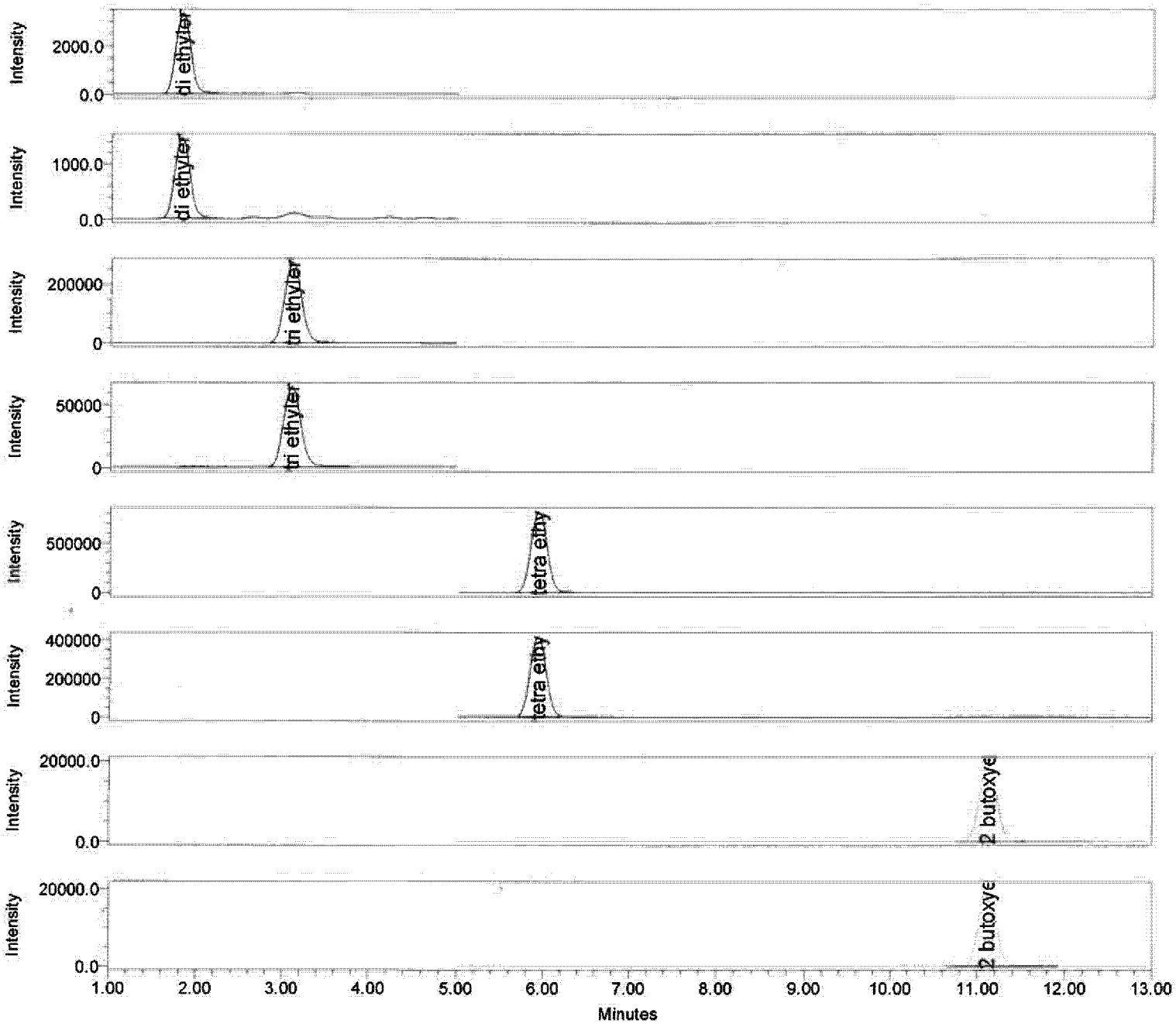
	Date Acquired
1	2/2/2012 8:31:52 PM EST
2	2/2/2012 8:11:18 PM EST
3	2/2/2012 7:50:45 PM EST
4	2/2/2012 7:30:12 PM EST

	Date Acquired
5	2/2/2012 7:09:41 PM EST
6	2/2/2012 6:49:11 PM EST
7	2/2/2012 6:28:40 PM EST
8	2/2/2012 6:08:10 PM EST

Date Acquired 2/2/2012 6:08:10 PM EST SampleName 1200055 glycol mix 500ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/4/12

extr_date coll_date analyst jlg Vial 1:1

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 6:08:10 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.808	1200055 glycol mix 500ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	40117	3321	500.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.804	1200055 glycol mix 500ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	17670	1446	500.0	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.093	1200055 glycol mix 500ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	3739896	272159	500.0	BV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.090	1200055 glycol mix 500ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	902736	64304	500.0	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.933	1200055 glycol mix 500ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	10819227	819008	500.0	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.930	1200055 glycol mix 500ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5510348	418436	500.0	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.116	1200055 glycol mix 500ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	271799	19927	500.0	VV

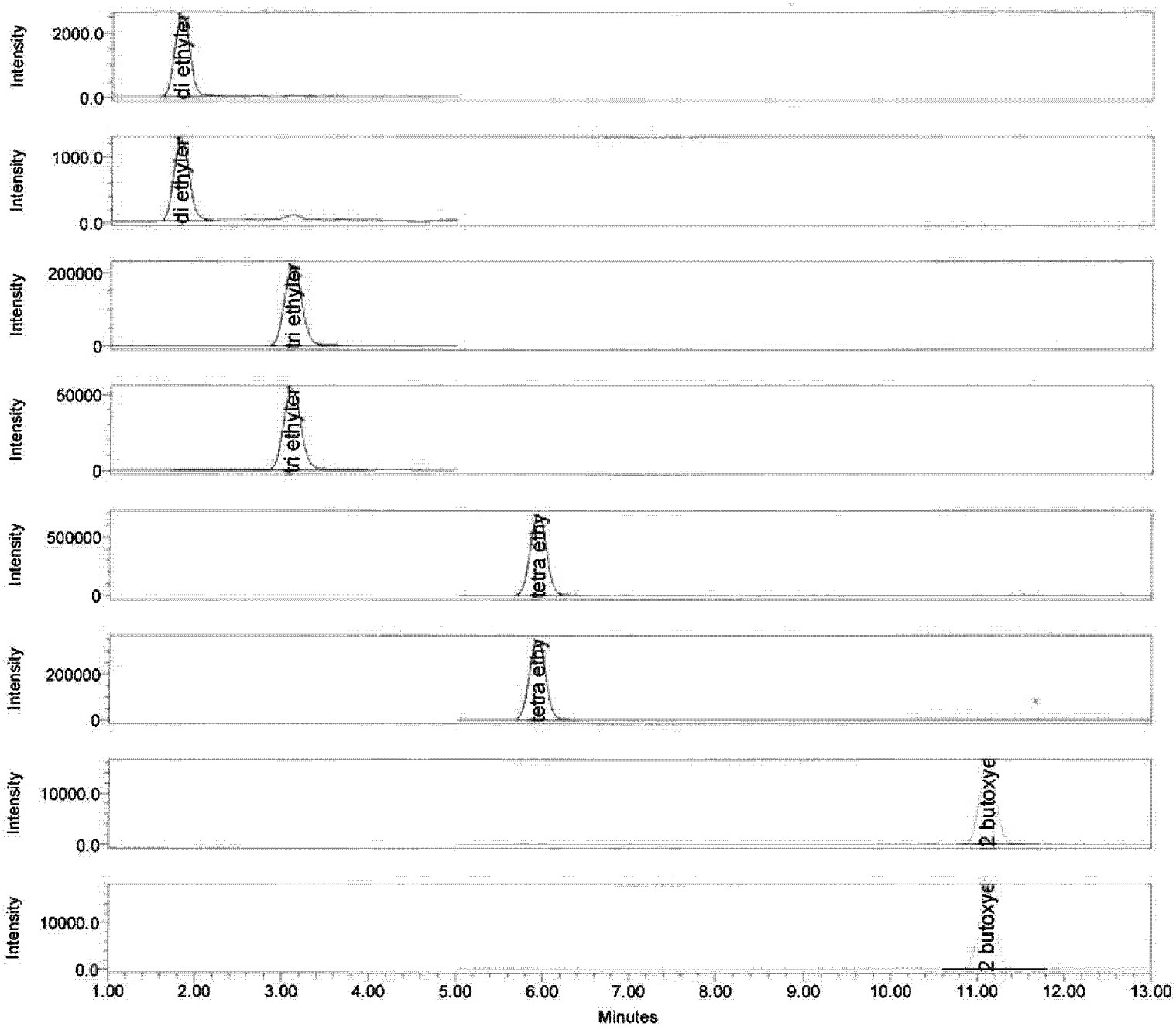
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.113	1200055 glycol mix 500ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	280579	20762	500.0	VV

Date Acquired 2/2/2012 6:28:40 PM EST SampleName 1200056 glycol mix 400ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/4/12

extr_date coll_date analyst jlg Vial 1:2

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 6:28:40 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.809	1200056 glycol mix 400ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	30303	2497	400.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.806	1200056 glycol mix 400ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	14959	1208	400.0	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.097	1200056 glycol mix 400ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	3026090	220290	400.0	BB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.093	1200056 glycol mix 400ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	734939	52817	400.0	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.932	1200056 glycol mix 400ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	8991294	688277	400.0	BB

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.929	1200056 glycol mix 400ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	4601343	352375	400.0	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.116	1200056 glycol mix 400ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	213658	15699	400.0	BB

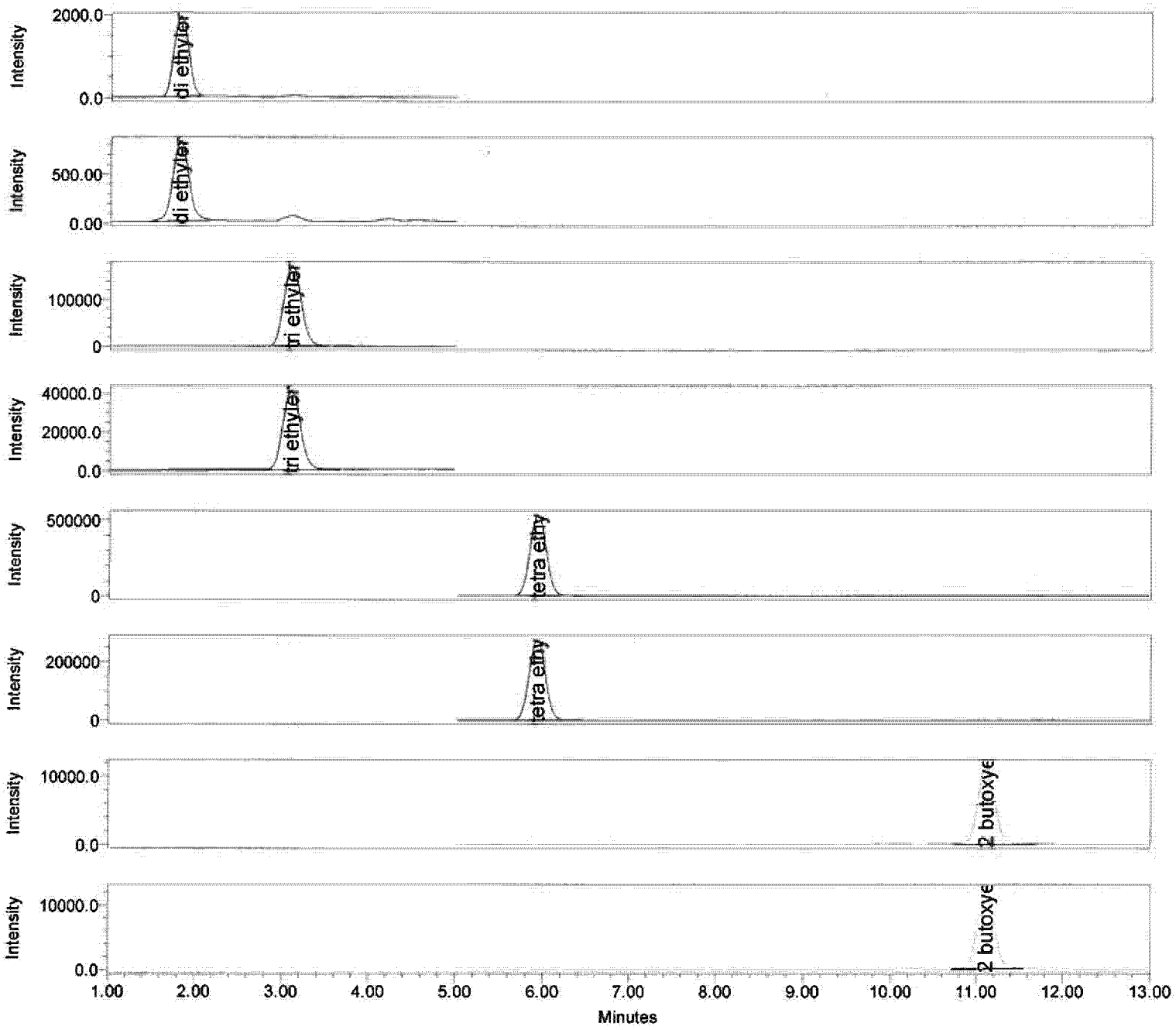
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.112	1200056 glycol mix 400ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	233479	17110	400.0	BB

Date Acquired 2/2/2012 6:49:11 PM EST SampleName 1200057 glycol mix 300ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

Injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/4/12

extr_date coll_date analyst jlg Vial 1:3

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 6:49:11 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.805	1200057 glycol mix 300ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	22745	1926	300.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.806	1200057 glycol mix 300ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	10491	814	300.0	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.091	1200057 glycol mix 300ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	2364664	172391	300.0	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.088	1200057 glycol mix 300ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	572798	41210	300.0	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.931	1200057 glycol mix 300ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	6971988	534950	300.0	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.928	1200057 glycol mix 300ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	3589024	275226	300.0	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.115	1200057 glycol mix 300ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	161340	11729	300.0	VV

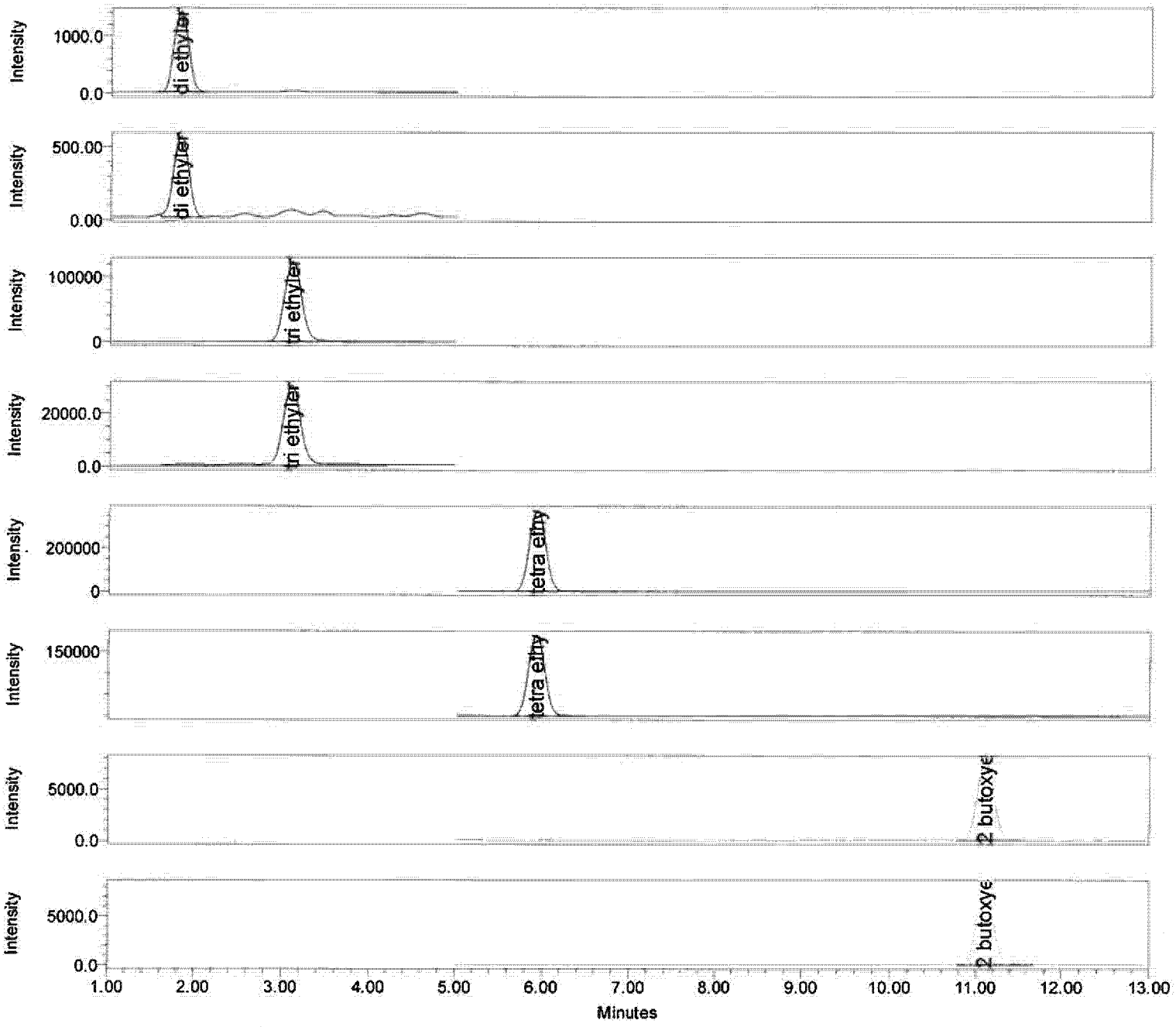
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.113	1200057 glycol mix 300ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	169148	12469	300.0	BB

Date Acquired 2/2/2012 7:09:41 PM EST SampleName 1200058 glycol mix 200ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/4/12

extr_date coll_date analyst jlg Vial 1:4

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 7:09:41 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.806	1200058 glycol mix 200ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	16594	1396	200.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.811	1200058 glycol mix 200ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	6704	550	200.0	VB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.096	1200058 glycol mix 200ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	1689553	123831	200.0	BB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.093	1200058 glycol mix 200ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	421144	30152	200.0	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.932	1200058 glycol mix 200ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	4831447	372665	200.0	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.928	1200058 glycol mix 200ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2445533	188381	200.0	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.114	1200058 glycol mix 200ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	106450	7809	200.0	VB

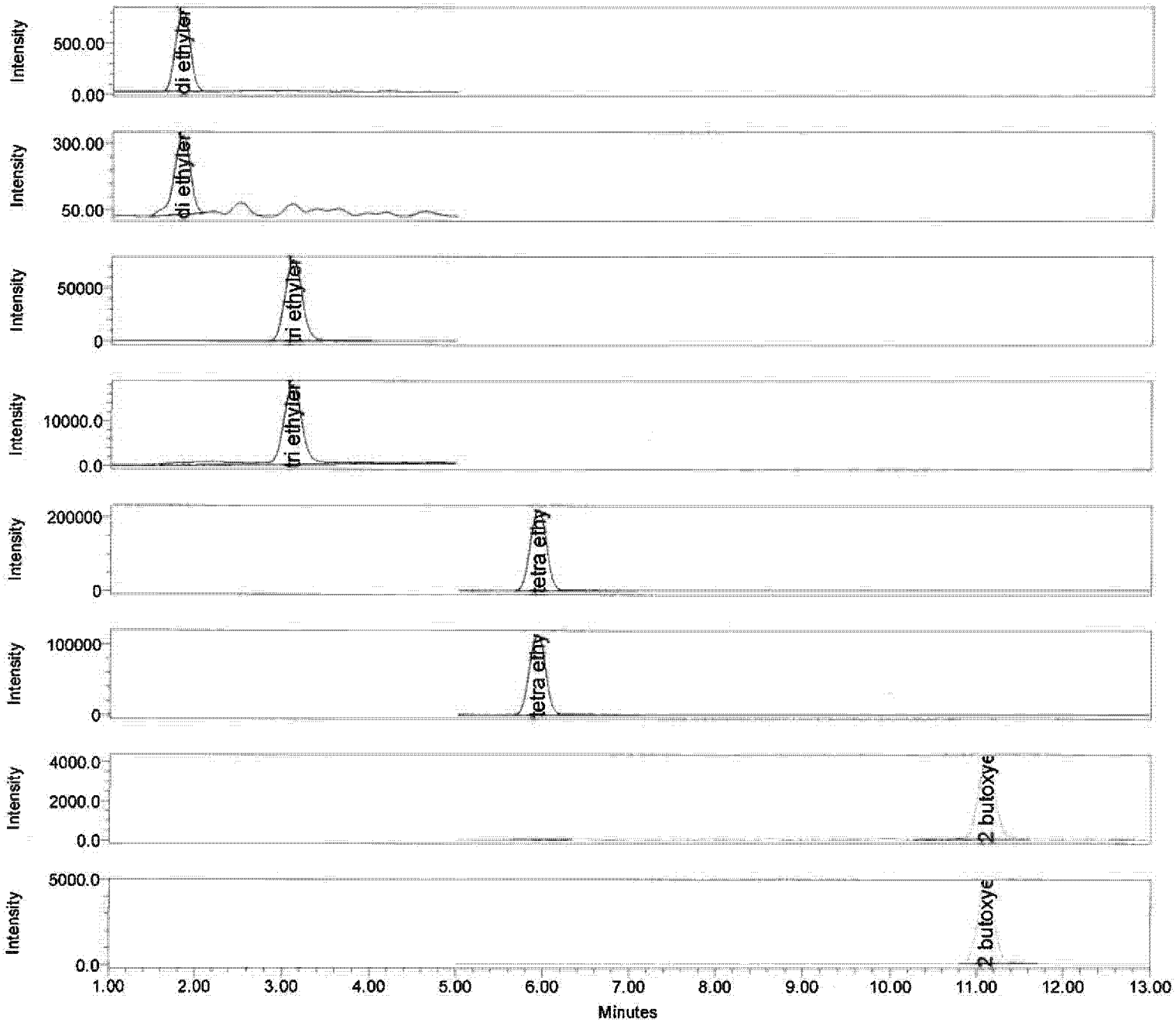
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.110	1200058 glycol mix 200ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	112586	8176	200.0	VV

Date Acquired 2/2/2012 7:30:12 PM EST SampleName 1200059 glycol mix 100ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/4/12

extr_date coll_date analyst jlg Vial 1:5

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 7:30:12 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.807	1200059 glycol mix 100ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	9327	782	100.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	di ethylene glycol conf	1.813	1200059 glycol mix 100ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	3820	293	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.093	1200059 glycol mix 100ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	1026251	75840	100.0	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.091	1200059 glycol mix 100ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	261868	17719	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.930	1200059 glycol mix 100ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	2819043	219111	100.0	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.927	1200059 glycol mix 100ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1467720	113738	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.111	1200059 glycol mix 100ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	58428	4110	100.0	VV

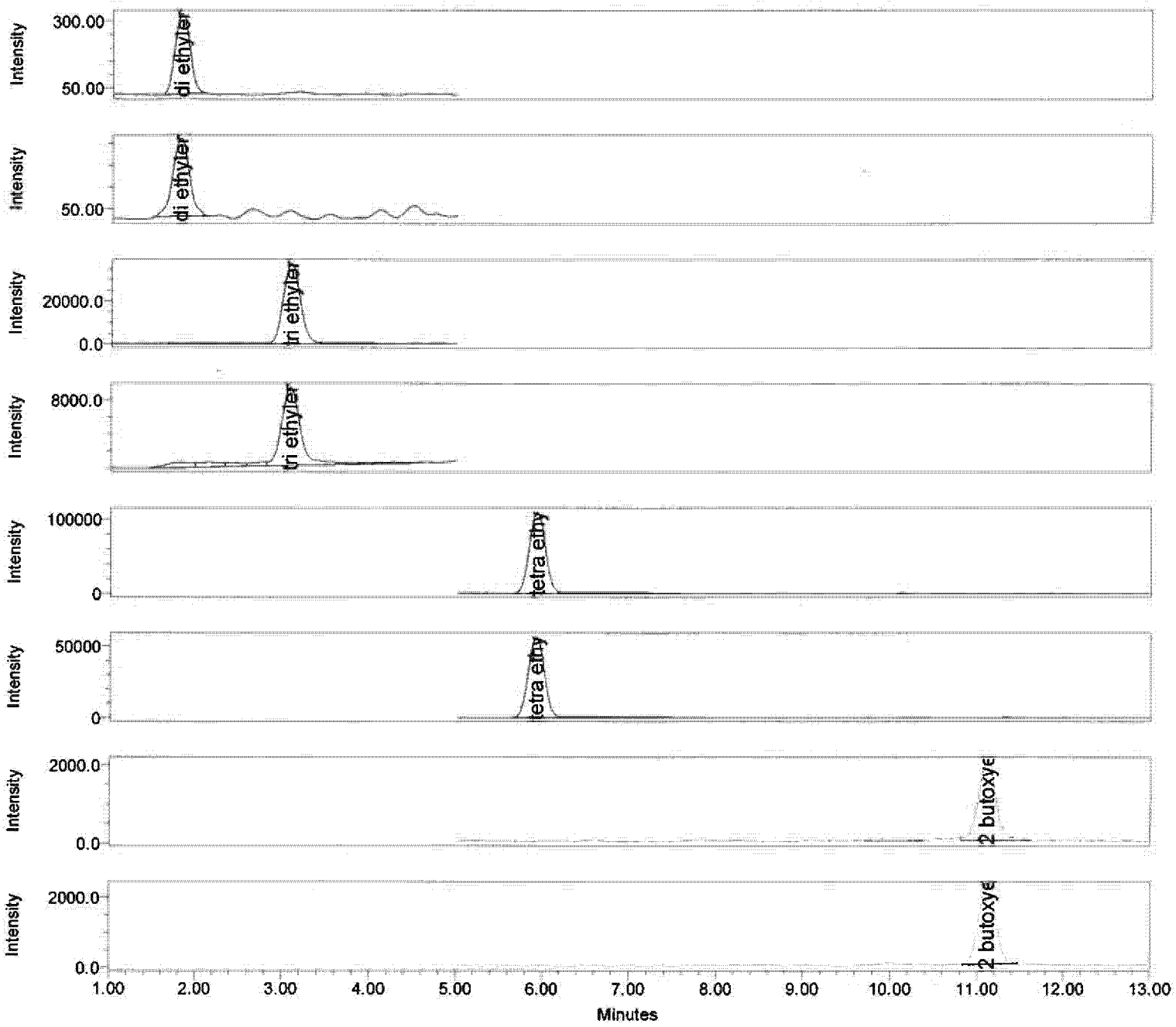
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.107	1200059 glycol mix 100ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	63093	4661	100.0	BB

Date Acquired 2/2/2012 7:50:45 PM EST SampleName 1200060 glycol mix 50ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jlg 2/4/12

extr_date coll_date analyst jlg Vial 1:6

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 7:50:45 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.810	1200060 glycol mix 50ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	3559	298	50.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	di ethylene glycol conf	1.799	1200060 glycol mix 50ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	2379	178	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.086	1200060 glycol mix 50ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	506515	37394	50.0	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.080	1200060 glycol mix 50ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	133775	9101	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.928	1200060 glycol mix 50ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	1411055	108990	50.0	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.924	1200060 glycol mix 50ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	720785	56006	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.111	1200060 glycol mix 50ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	28033	2008	50.0	VB

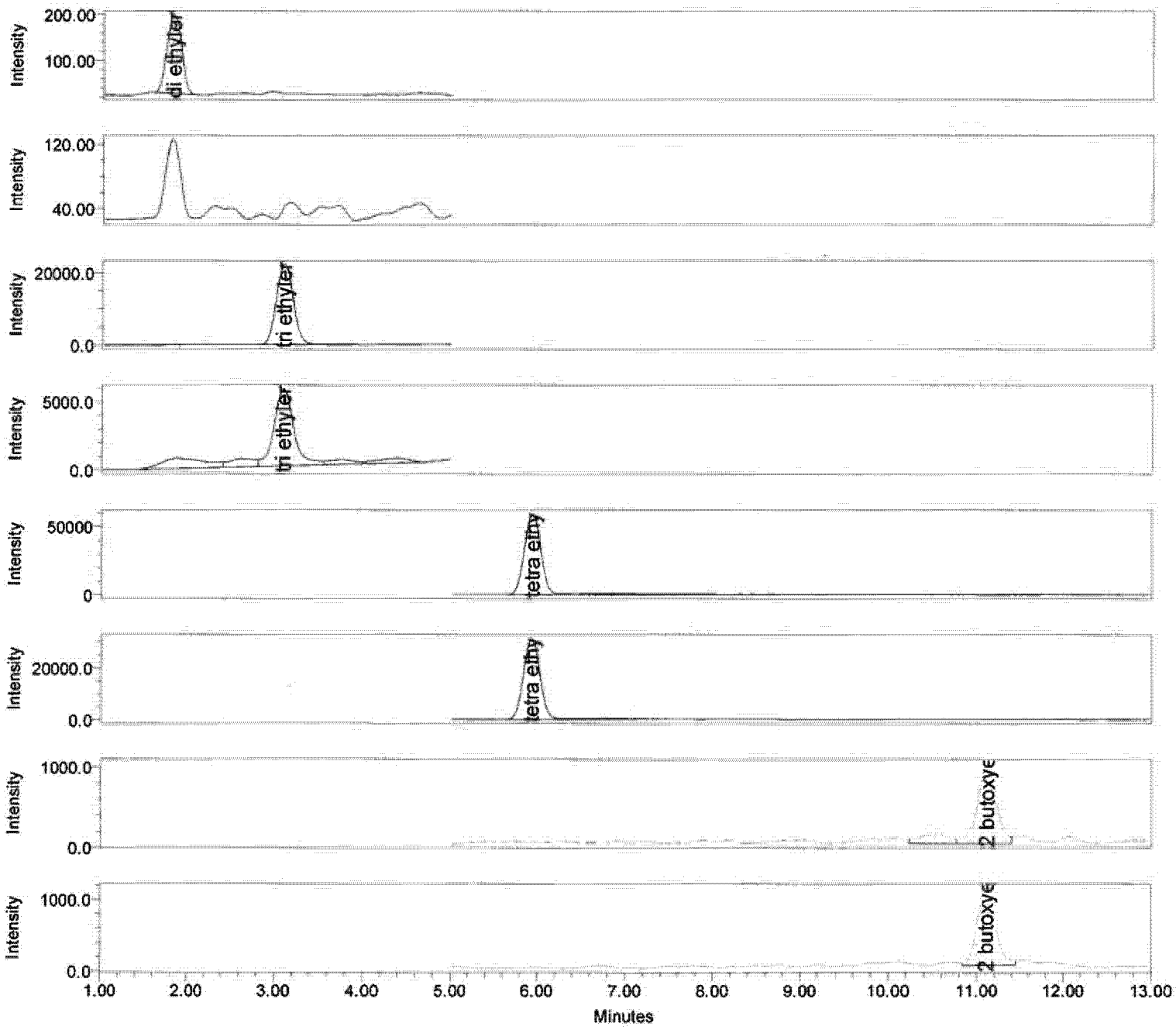
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.114	1200060 glycol mix 50ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	30527	2233	50.0	BB

Date Acquired 2/2/2012 8:11:18 PM EST SampleName 1200061 glycol mix 25ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/4/12

extr_date coll_date analyst jlg Vial 1:7

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 8:11:18 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.811	1200061 glycol mix 25ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	1960	170	25.0	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1200061 glycol mix 25ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.093	1200061 glycol mix 25ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	291721	22123	25.0	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.088	1200061 glycol mix 25ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	86817	5623	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.932	1200061 glycol mix 25ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	771336	58997	25.0	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.928	1200061 glycol mix 25ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	399722	31033	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.120	1200061 glycol mix 25ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	15256	1000	25.0	VV

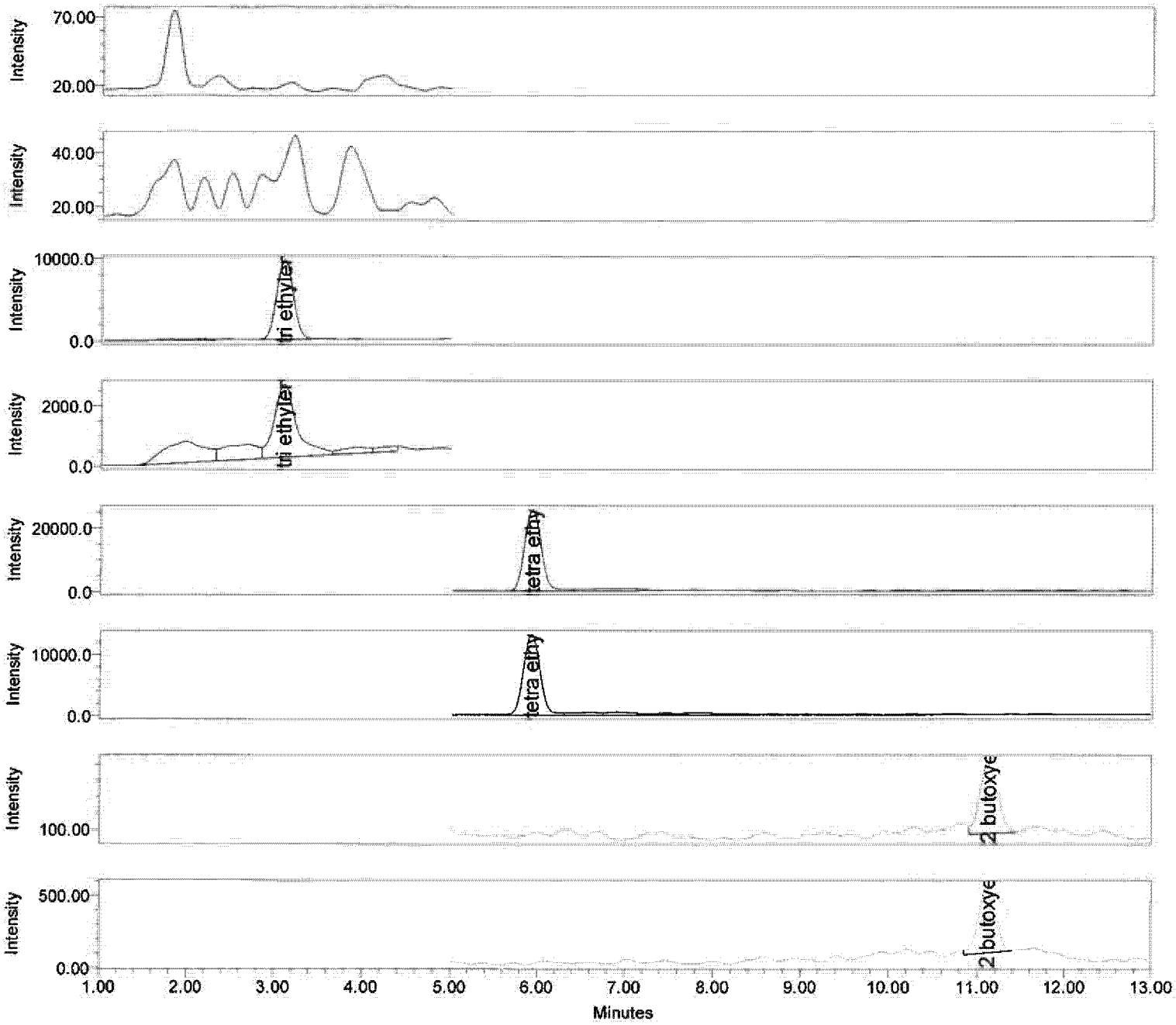
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.109	1200061 glycol mix 25ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	15762	1077	25.0	VV

Date Acquired 2/2/2012 8:31:52 PM EST SampleName 1200062 glycol mix 10ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/4/12

extr_date coll_date analyst jlg Vial 1:8

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 8:31:52 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1200062 glycol mix 10ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1200062 glycol mix 10ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.095	1200062 glycol mix 10ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	125840	9602	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.094	1200062 glycol mix 10ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	43358	2422	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.933	1200062 glycol mix 10ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	331589	25384	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.928	1200062 glycol mix 10ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	175465	13170	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.126	1200062 glycol mix 10ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	6399	459	10.0	VV

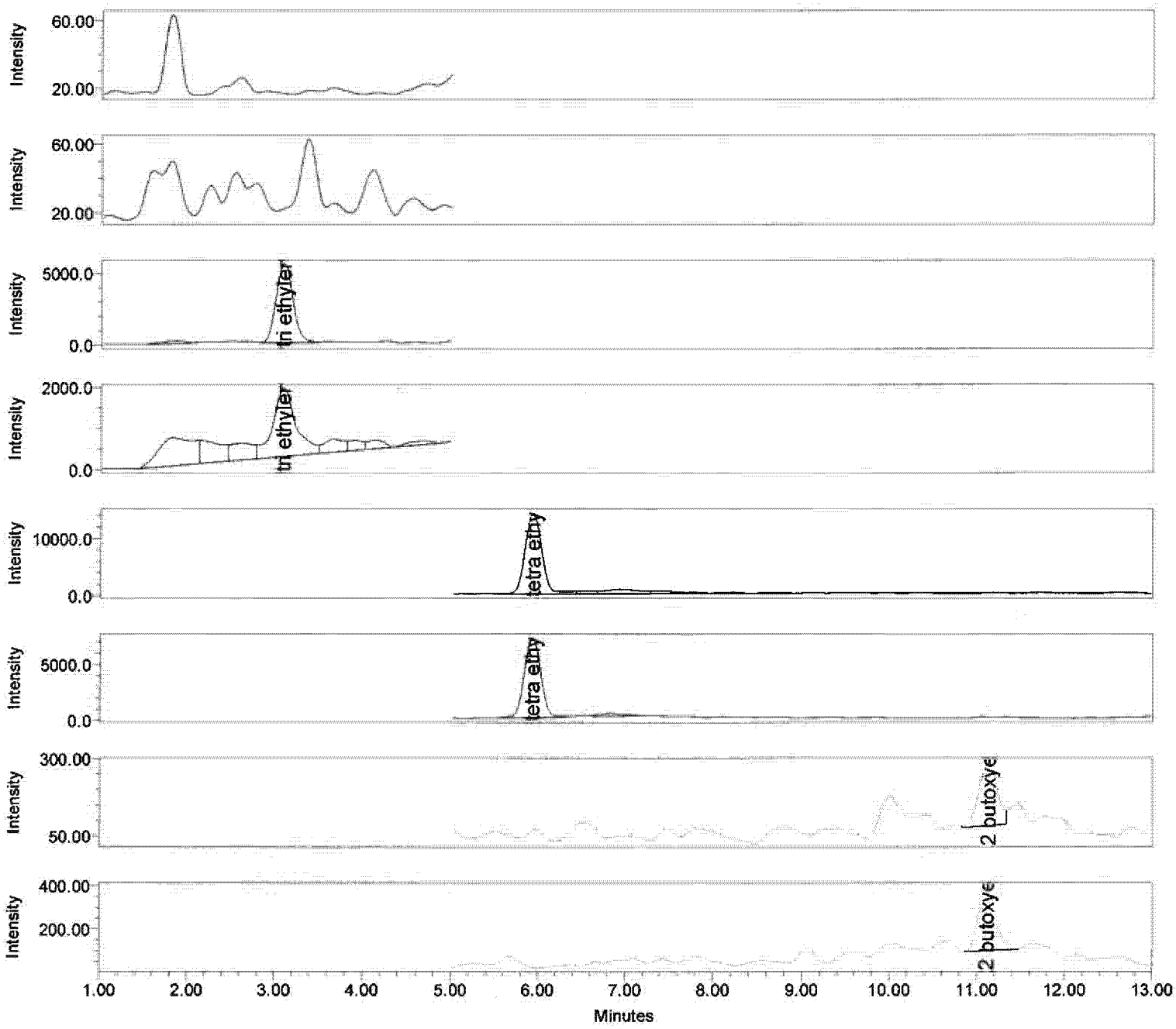
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.116	1200062 glycol mix 10ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	6436	472	10.0	VB

Date Acquired 2/2/2012 8:52:21 PM EST SampleName 1200063 glycol mix 5ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/4/12

extr_date coll_date analyst jlg Vial 1:9

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 8:52:21 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1200063 glycol mix 5ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1200063 glycol mix 5ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.091	1200063 glycol mix 5ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	71921	5464	BV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.090	1200063 glycol mix 5ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	30473	1651	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.933	1200063 glycol mix 5ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	184691	14117	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.930	1200063 glycol mix 5ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	92615	7122	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	2 butoxyethanol conf	11.131	1200063 glycol mix 5ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2956	204	VV

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.115	1200063 glycol mix 5ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	4129	296	5.0	BB

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013 15

DBW 2-8-12

Dimock Residential Groundwater

DAS R33907

Quality Control Data

glycols
run 4

SCV, CCV, BS (except low BS) limit 80 -120%

Glycol run 4

Project Name: WO 1201013 Dimock

All BS, SCV, CCV ok JJ 2/7/12

jlg MRM Peaks Summary

1200011 was made by Accu Std at 2x - so 100ppb SCV should be 200ppb - ∴ SCV % rec = 104% of actual

Name : 2 butoxyethanol

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
1	1200011 glycol 100ppb SCV accu	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.113	119596	8621	208.336	2/2/2012 9:12:53 PM EST	bad prep - see note from Accu std
2	1100499 glycol 100ppb SCV accu	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.111	62314	4545	106.688	2/2/2012 9:33:25 PM EST	107% ok
3	1200059 BB20201BS1 CCV 100 ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.110	55601	4042	94.775	2/3/2012 2:00:04 AM EST	95% ok
4	1200061 gly low bs 25ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.115	13759	877	20.526	2/3/2012 5:04:47 AM EST	BS 82%
5	1200062 glycol mix 10ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.131	8050	477	10.394	2/3/2012 5:25:21 AM EST	N/A
6	1200063 glycol mix 5ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.107	3975	306	3.163	2/3/2012 5:45:50 AM EST	N/A
7	CCV 1200060 glycol 50ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	2 butoxyethanol	11.107	28290	2111	46.312	2/3/2012 6:06:22 AM EST	93% ok

JJ 2/7/12

Name : 2 butoxyethanol conf

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired
1	1200011 glycol 100ppb SCV accu	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.114	110695	7985	203.772	2/2/2012 9:12:53 PM EST
2	1100499 glycol 100ppb SCV accu	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.113	62344	4480	113.480	2/2/2012 9:33:25 PM EST
3	1200059 BB20201BS1 CCV 100 ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.113	57884	4243	105.152	2/3/2012 2:00:04 AM EST
4	1200061 gly low bs 25ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.110	17010	1050	28.821	2/3/2012 5:04:47 AM EST
5	1200062 glycol mix 10ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.113	5614	419	7.539	2/3/2012 5:25:21 AM EST
6	1200063 glycol mix 5ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.125	2585	189	1.883	2/3/2012 5:45:50 AM EST
7	CCV 1200060 glycol 50ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2 butoxyethanol conf	11.112	28979	1958	51.172	2/3/2012 6:06:22 AM EST

Name : di ethylene glycol

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
1	1200011 glycol 100ppb SCV accu	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.810	8136	676	100.639	2/2/2012 9:12:53 PM EST	101% ok
2	1100499 glycol 100ppb SCV accu	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.808	8886	746	110.291	2/2/2012 9:33:25 PM EST	110% ok
3	1200059 BB20201BS1 CCV 100 ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.811	9113	747	113.201	2/3/2012 2:00:04 AM EST	113% ok
4	1200061 gly low bs 25ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.801	2264	193	25.079	2/3/2012 5:04:47 AM EST	100% ok
5	1200062 glycol mix 10ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.807	1055	91	9.518	2/3/2012 5:25:21 AM EST	N/A
6	1200063 glycol mix 5ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.802	729	63	5.325	2/3/2012 5:45:50 AM EST	N/A
7	CCV 1200060 glycol 50ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	di ethylene glycol	1.803	4987	427	60.108	2/3/2012 6:06:22 AM EST	120% ok

Project Name: WO 1201013 Dimock

run 4

jlg MRM Peaks Summary

Name : di ethylene glycol conf

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
1	1200011 glycol 100ppb SCV accu	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	di ethylene glycol conf	1.798	3570	266	112.176	2/2/2012 9:12:53 PM EST	112%
2	1100499 glycol 100ppb SCV accu	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	di ethylene glycol conf	1.807	3363	276	106.630	2/2/2012 9:33:25 PM EST	
3	1200059 BB20201BS1 CCV 100 ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	di ethylene glycol conf	1.808	3471	278	109.533	2/3/2012 2:00:04 AM EST	
4	CCV 1200060 glycol 50ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	di ethylene glycol conf	1.800	2196	185	75.414	2/3/2012 6:06:22 AM EST	

limit 80-120% OK

Name : tetra ethylene glycol

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
1	1200011 glycol 100ppb SCV accu	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.933	2921278	224239	115.641	2/2/2012 9:12:53 PM EST	116% high by
2	1100499 glycol 100ppb SCV accu	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.932	2850540	221007	112.292	2/2/2012 9:33:25 PM EST	112% OK
3	1200059 BB20201BS1 CCV 100 ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.931	2773999	213735	108.667	2/3/2012 2:00:04 AM EST	109% OK
4	1200061 gly low bs 25ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.929	759127	58523	13.259	2/3/2012 5:04:47 AM EST	53% BS
5	1200062 glycol mix 10ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.932	333449	25564		2/3/2012 5:25:21 AM EST	N/A
6	1200063 glycol mix 5ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.932	172784	13444		2/3/2012 5:45:50 AM EST	N/A
7	CCV 1200060 glycol 50ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	tetra ethylene glycol	5.928	1420796	109977	44.590	2/3/2012 6:06:22 AM EST	89% OK

Name : tetra ethylene glycol conf

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired
1	1200011 glycol 100ppb SCV accu	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.930	1463415	112194	97.898	2/2/2012 9:12:53 PM EST
2	1100499 glycol 100ppb SCV accu	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.929	1434344	111645	95.050	2/2/2012 9:33:25 PM EST
3	1200059 BB20201BS1 CCV 100 ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.928	1401491	108432	91.831	2/3/2012 2:00:04 AM EST
4	1200061 gly low bs 25ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.926	390432	30040		2/3/2012 5:04:47 AM EST
5	1200062 glycol mix 10ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.928	161702	12528		2/3/2012 5:25:21 AM EST
6	1200063 glycol mix 5ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.928	94427	7284		2/3/2012 5:45:50 AM EST
7	CCV 1200060 glycol 50ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	tetra ethylene glycol conf	5.924	731383	56219	26.178	2/3/2012 6:06:22 AM EST

2/7/12

Name : tri ethylene glycol

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
1	1200011 glycol 100ppb SCV accu	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.092	946586	70280	104.479	2/2/2012 9:12:53 PM EST	104%
2	1100499 glycol 100ppb SCV accu	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.093	947014	70089	104.539	2/2/2012 9:33:25 PM EST	104%

Project Name: WO 1201013 Dimock

jlg MRM Peaks Summary

Name : tri ethylene glycol

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired	
3	1200059 BB20201BS1 CCV 100 ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.094	996547	73220	111.482	2/3/2012 2:00:04 AM EST	111 %
4	1200061 gly low bs 25ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.089	279434	20481	10.962	2/3/2012 5:04:47 AM EST	BS 47 %
5	1200062 glycol mix 10ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.091	126937	9590		2/3/2012 5:25:21 AM EST	
6	1200063 glycol mix 5ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.093	71040	5174		2/3/2012 5:45:50 AM EST	
7	CCV 1200060 glycol 50ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	tri ethylene glycol	3.088	529848	39522	46.063	2/3/2012 6:06:22 AM EST	92 % ok

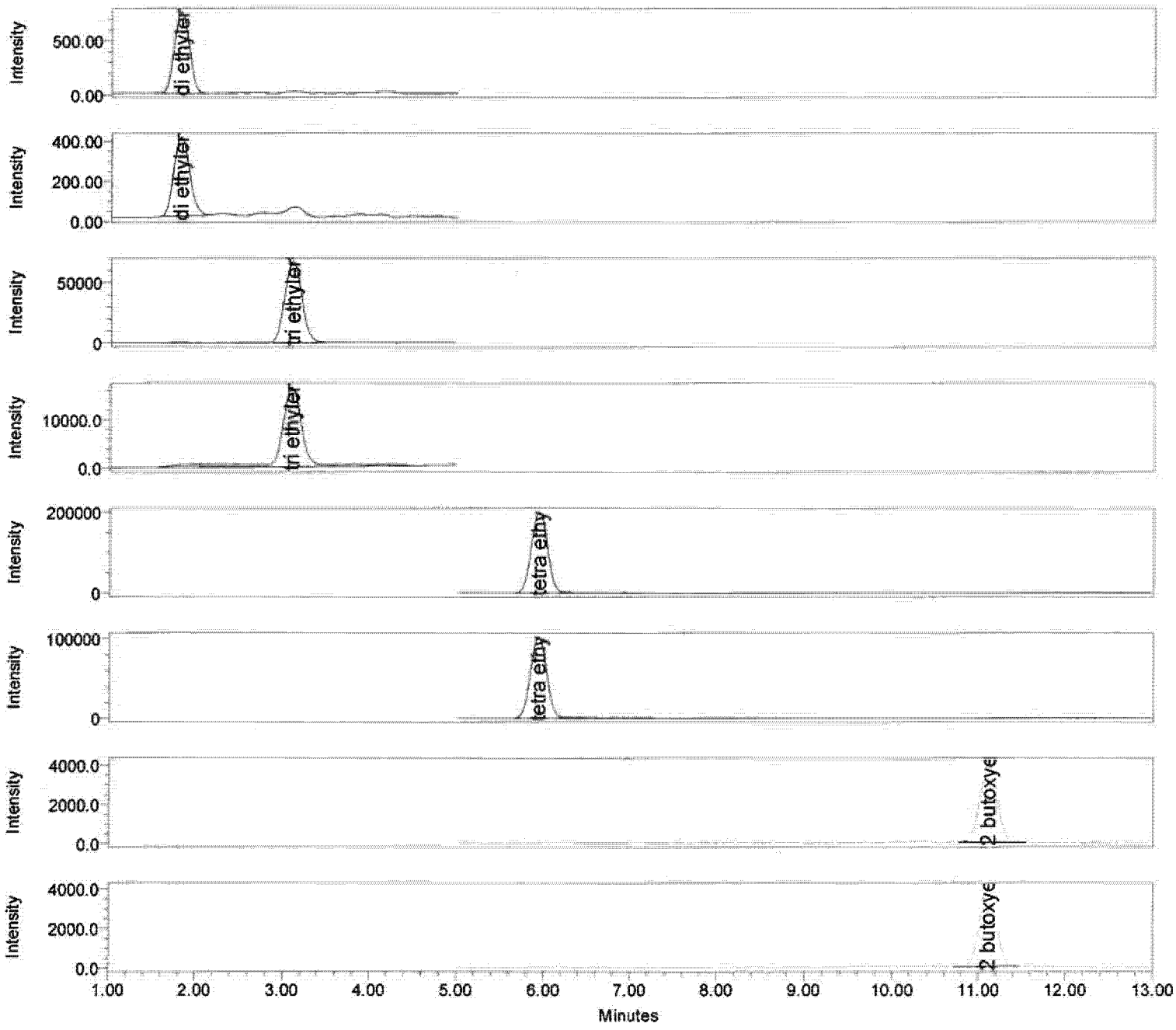
Name : tri ethylene glycol conf

	Sample Name	Channel Description	Name	RT	Area	Height	Amount ng/ml	Date Acquired
1	1200011 glycol 100ppb SCV accu	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.088	241196	16854	90.679	2/2/2012 9:12:53 PM EST
2	1100499 glycol 100ppb SCV accu	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.090	232547	15866	85.296	2/2/2012 9:33:25 PM EST
3	1200059 BB20201BS1 CCV 100 ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.089	249231	17571	95.679	2/3/2012 2:00:04 AM EST
4	1200061 gly low bs 25ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.085	78734	5362		2/3/2012 5:04:47 AM EST
5	1200062 glycol mix 10ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.086	42193	2689		2/3/2012 5:25:21 AM EST
6	1200063 glycol mix 5ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.099	17397	1189		2/3/2012 5:45:50 AM EST
7	CCV 1200060 glycol 50ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	tri ethylene glycol conf	3.085	136370	9604	25.444	2/3/2012 6:06:22 AM EST

Date Acquired 2/3/2012 12:17:34 AM EST SampleName 1201015-17MS BB20201 MS1
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

JJ 2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:40

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 12:17:34 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.807	1201015-17MS BB20201 MS1	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	8825	742	109.5	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.808	1201015-17MS BB20201 MS1	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	4953	392	149.2	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.091	1201015-17MS BB20201 MS1	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	902816	66798	98.3	BB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.087	1201015-17MS BB20201 MS1	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	232344	16472	85.2	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.934	1201015-17MS BB20201 MS1	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	2581874	200129	99.6	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.931	1201015-17MS BB20201 MS1	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1325007	102007	84.3	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.114	1201015-17MS BB20201 MS1	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	56350	4069	102.3	BV

Name: 2 butoxyethanol

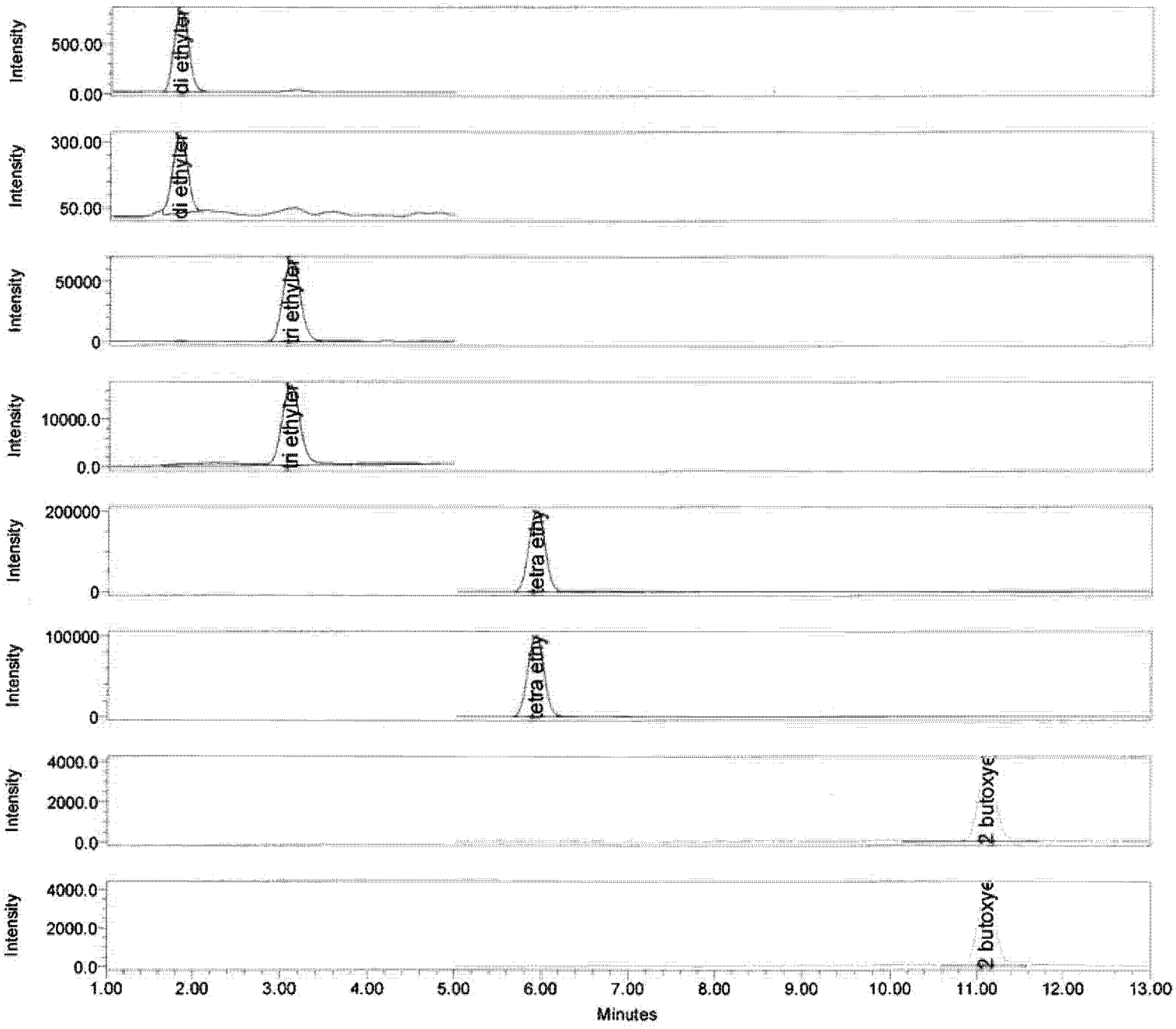
	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.112	1201015-17MS BB20201 MS1	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	53915	4001	91.8	BB

JJ 2/7/12

Date Acquired 2/3/2012 12:38:04 AM EST SampleName 1201015-17MSD BB20201 MSD1
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:41

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 12:38:04 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.816	1201015-17MSD BB20201 MSD1	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	9542	806	118.7	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.811	1201015-17MSD BB20201 MSD1	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	3542	292	111.4	VB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.092	1201015-17MSD BB20201 MSD1	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	915645	67115	100.1	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.091	1201015-17MSD BB20201 MSD1	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	239230	16652	89.5	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.931	1201015-17MSD BB20201 MSD1	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	2633610	201578	102.0	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Typ
1	tetra ethylene glycol conf	5.927	1201015-17MSD BB20201 MSD1	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1311921	100644	83.1	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.110	1201015-17MSD BB20201 MSD1	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	56170	3976	102.0	VB

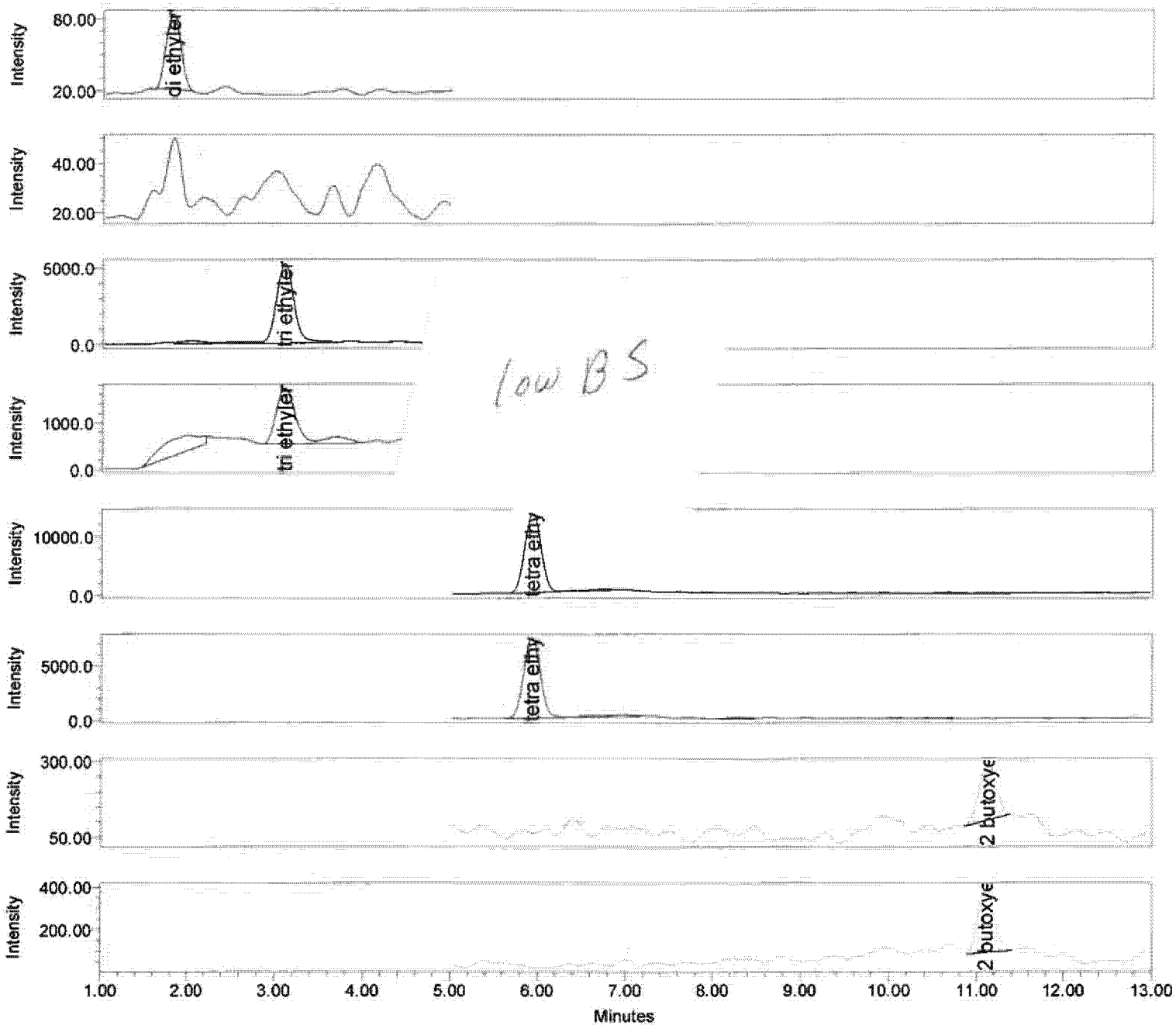
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.109	1201015-17MSD BB20201 MSD1	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	59482	4135	101.7	BV

Date Acquired 2/3/2012 5:45:50 AM EST SampleName 1200063 glycol mix 5ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



low BS

Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/7/12

extr_date coll_date analyst jlg Vial 1:9

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 5:45:50 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.802	1200063 glycol mix 5ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	729	63	5.3	bb

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1200063 glycol mix 5ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.093	1200063 glycol mix 5ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	71040	5174	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.099	1200063 glycol mix 5ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	17397	1189	BV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.932	1200063 glycol mix 5ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	172784	13444	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.928	1200063 glycol mix 5ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	94427	7284	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.125	1200063 glycol mix 5ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2585	189	1.9	BB

Name: 2 butoxyethanol

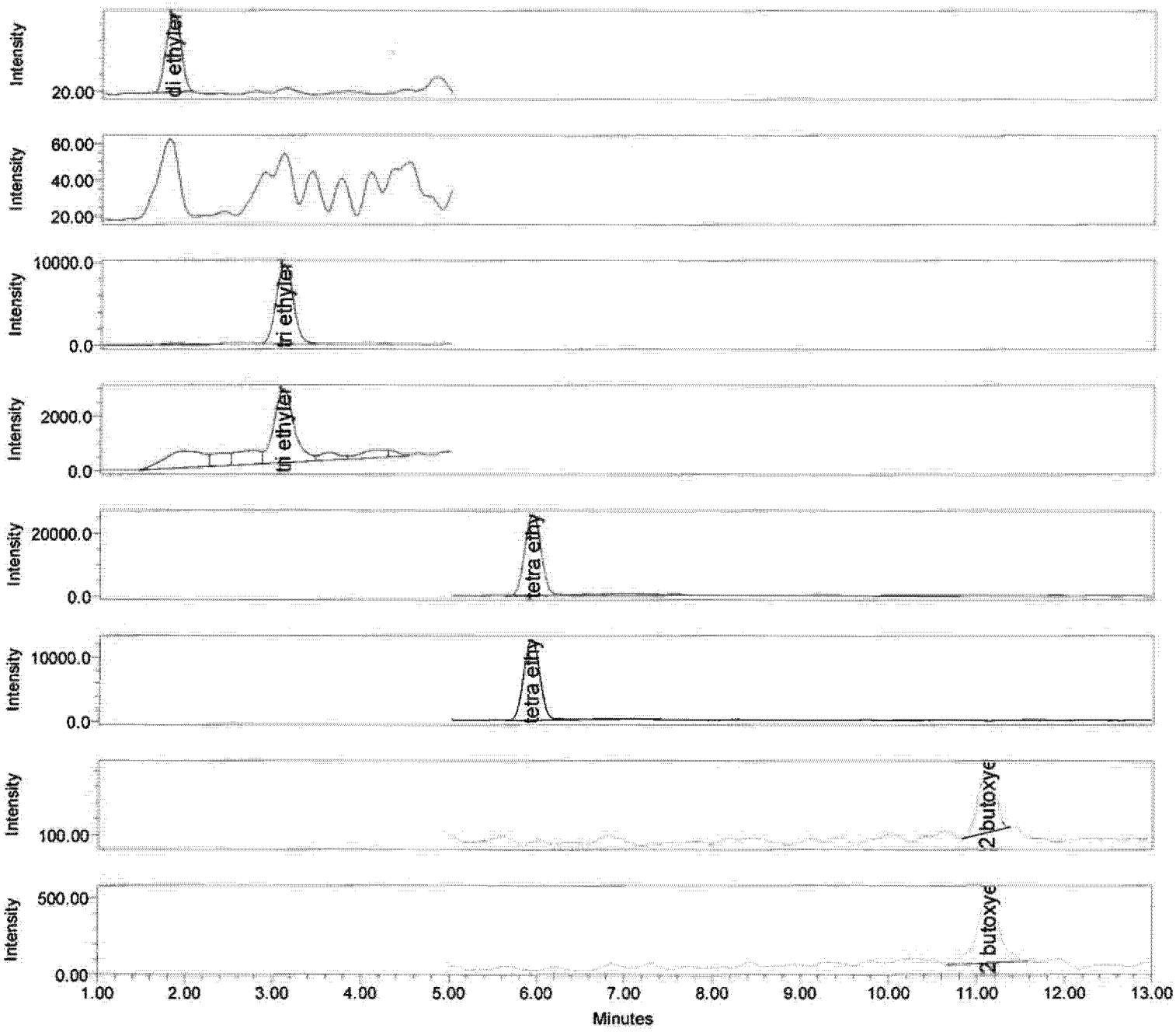
	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.107	1200063 glycol mix 5ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	3975	306	3.2	BB

2 Bu only
for 5 ppb low bs
J 2/7/12

Date Acquired 2/3/2012 5:25:21 AM EST SampleName 1200062 glycol mix 10ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/7/12

extr_date coll_date analyst jlg Vial 1:8

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 5:25:21 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.807	1200062 glycol mix 10ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	1055	91	9.5	bb

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1200062 glycol mix 10ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.091	1200062 glycol mix 10ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	126937	9590	BV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.086	1200062 glycol mix 10ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	42193	2689	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.932	1200062 glycol mix 10ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	333449	25564	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.928	1200062 glycol mix 10ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	161702	12528	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.113	1200062 glycol mix 10ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	5614	419	7.5	BB

Name: 2 butoxyethanol

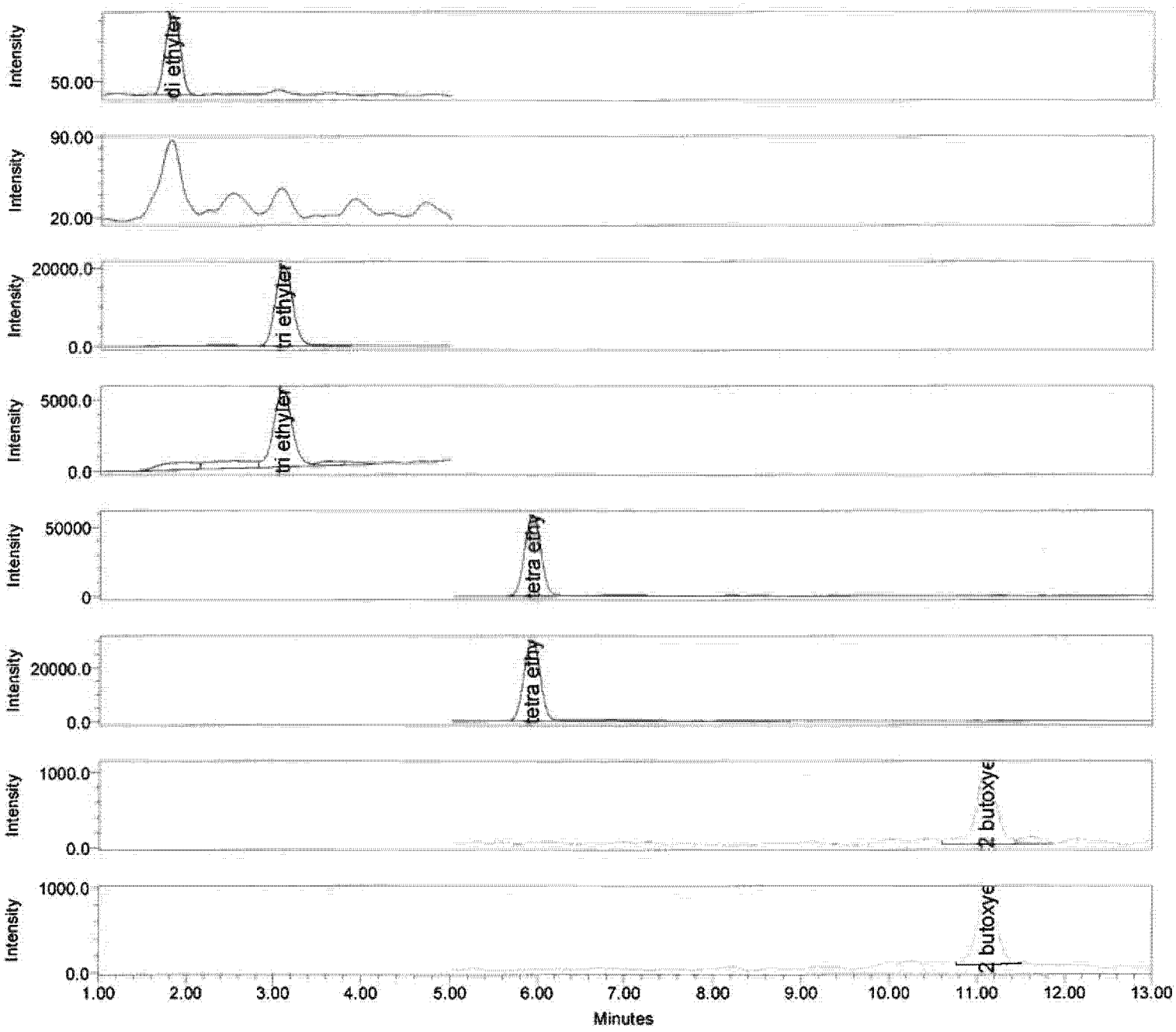
	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.131	1200062 glycol mix 10ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	8050	477	10.4	BB

No low BS
@ 10 ppb
jg 2/7/12

Date Acquired 2/3/2012 5:04:47 AM EST SampleName 1200061 gly low bs 25ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/7/12

extr_date coll_date analyst jlg Vial 1:7

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 5:04:47 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.801	1200061 gly low bs 25ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	2264	193	25.1	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1200061 gly low bs 25ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.089	1200061 gly low bs 25ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	279434	20481	11.0	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.085	1200061 gly low bs 25ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	78734	5362	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.929	1200061 gly low bs 25ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	759127	58523	13.3	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.926	1200061 gly low bs 25ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	390432	30040	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.110	1200061 gly low bs 25ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	17010	1050	28.8	VV

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.115	1200061 gly low bs 25ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	13759	877	20.5	VB

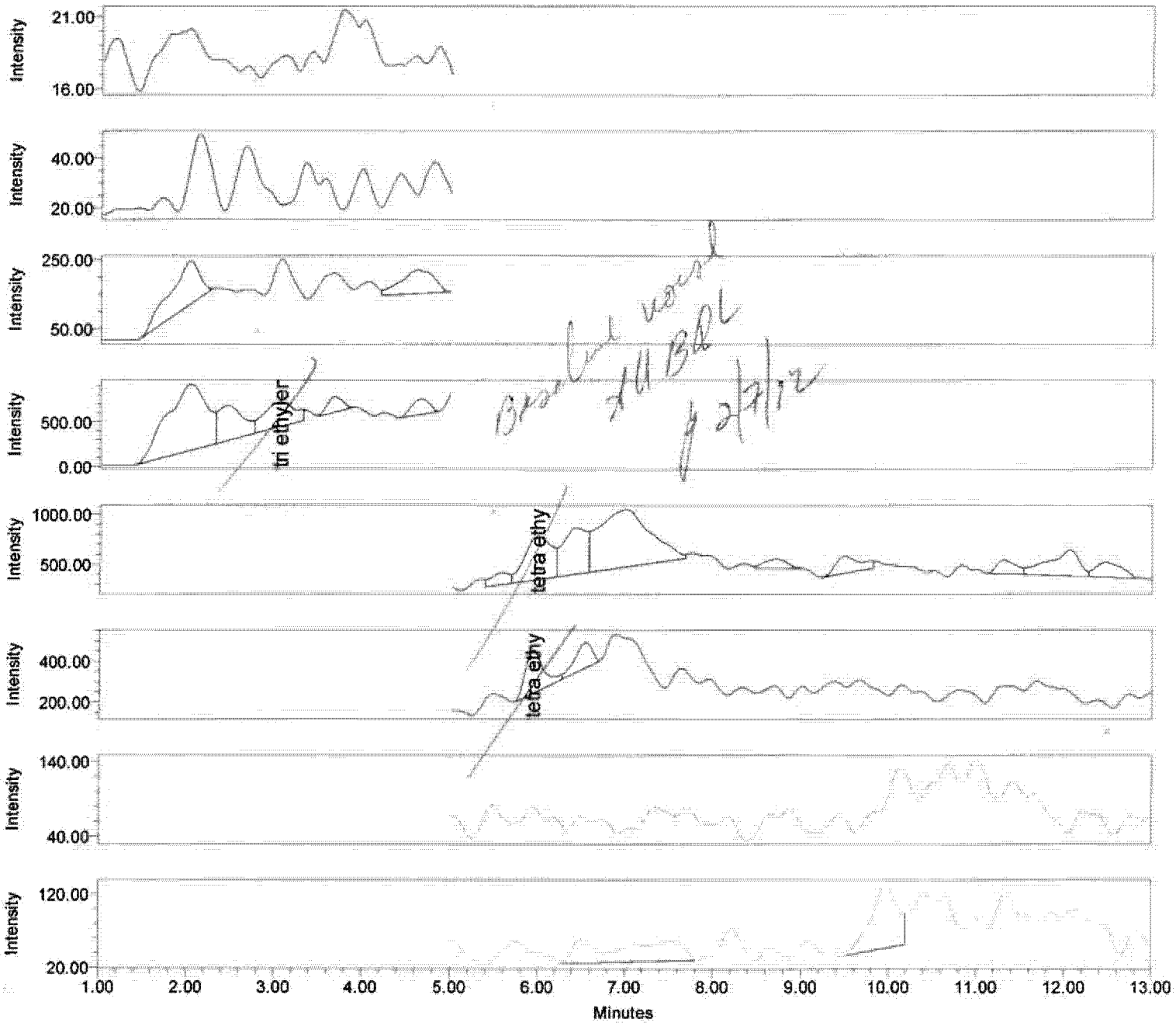
low BS for
Di, Tri, tetra G

JG 2/7/12

Date Acquired 2/2/2012 5:47:41 PM EST SampleName LCB 1
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 2:1

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 5:47:41 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	LCB 1	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	LCB 1	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol	3.092	LCB 1	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	Missing

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.056	LCB 1	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	6805	274	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.992	LCB 1	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	9290	429	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.944	LCB 1	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2947	208	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	LCB 1	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

Name: 2 butoxyethanol

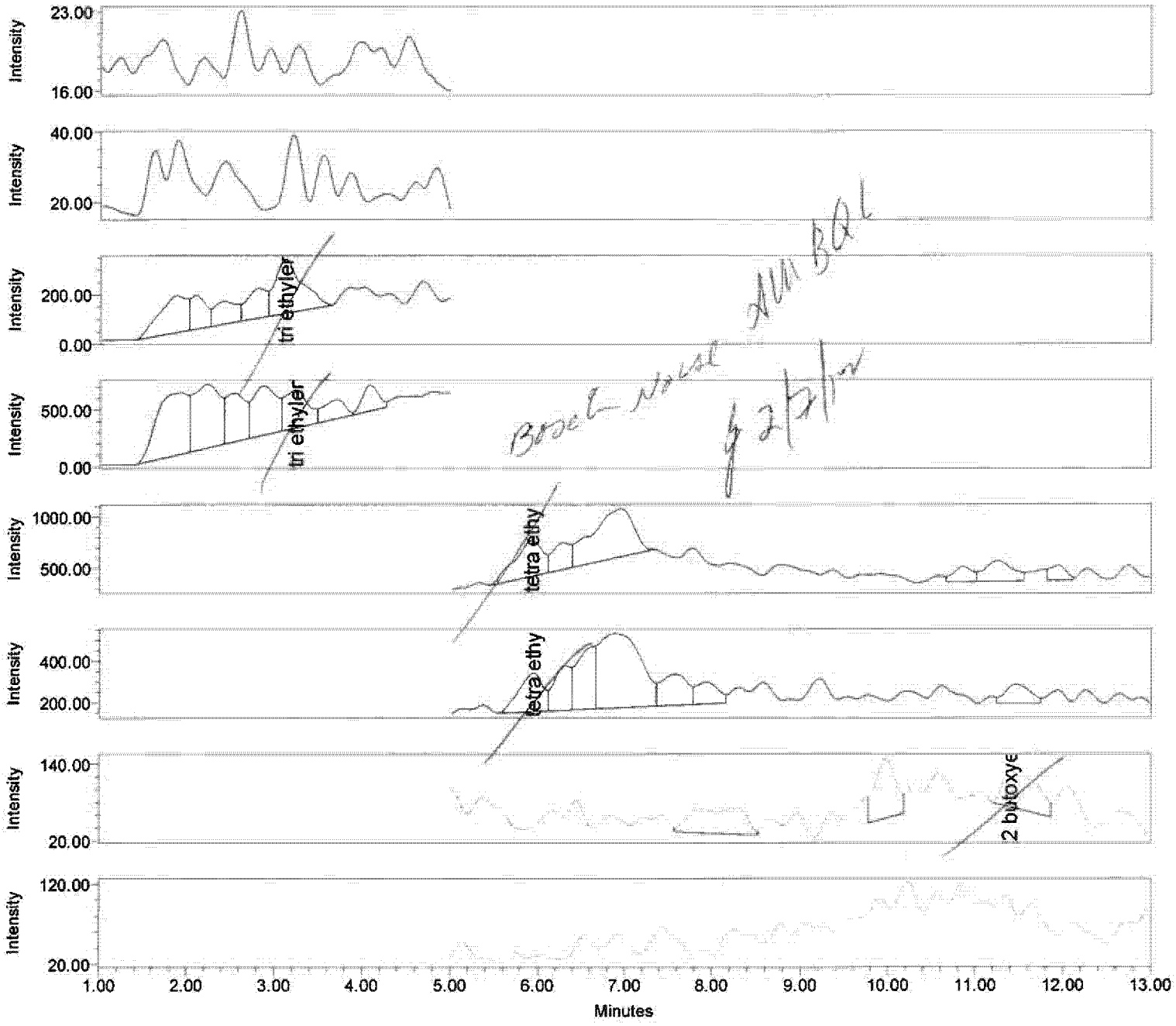
	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	LCB 1	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

all BQL jg 2/7/12

Date Acquired 2/2/2012 9:53:54 PM EST SampleName LCB 2 BB20201- BLK1
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 2:9

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 9:53:54 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	LCB 2 BB20201- BLK1	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	LCB 2 BB20201- BLK1	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.117	LCB 2 BB20201- BLK1	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	4661	217	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.239	LCB 2 BB20201- BLK1	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	6162	332	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.927	LCB 2 BB20201- BLK1	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	7683	348	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.945	LCB 2 BB20201- BLK1	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	3472	187	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.398	LCB 2 BB20201- BLK1	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	1605	56	0.1	BV

Name: 2 butoxyethanol

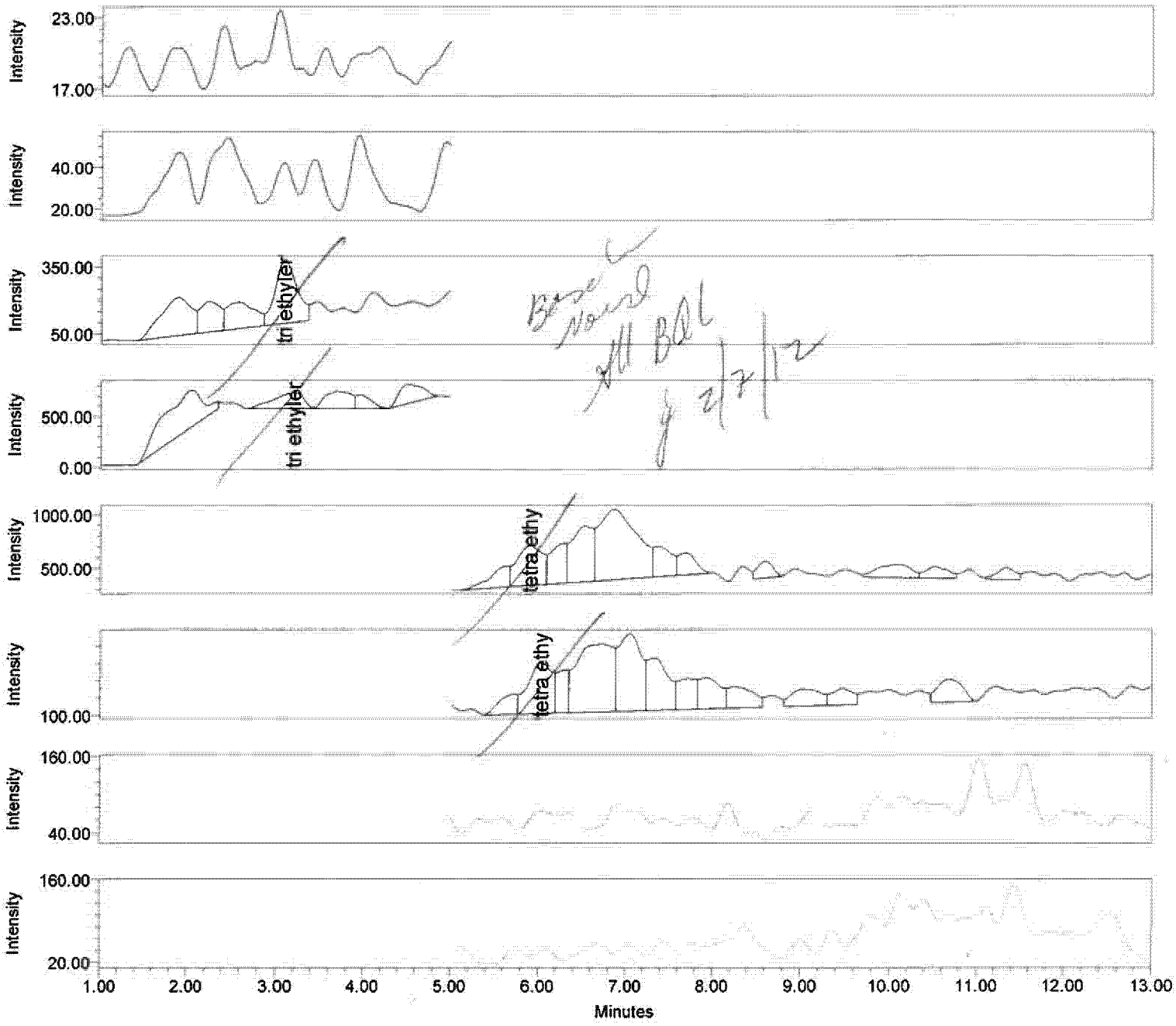
	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	LCB 2 BB20201- BLK1	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

JLL 3Q1
2/7/12

Date Acquired 2/3/2012 1:39:31 AM EST SampleName LCB 3
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 2:9

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 1:39:31 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	LCB 3	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	LCB 3	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.084	LCB 3	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	4837	283	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.193	LCB 3	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	3640	154	BV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.906	LCB 3	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	7443	372	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	6.034	LCB 3	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5549	291	VV

JM
BQL
2/7/12

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	LCB 3	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

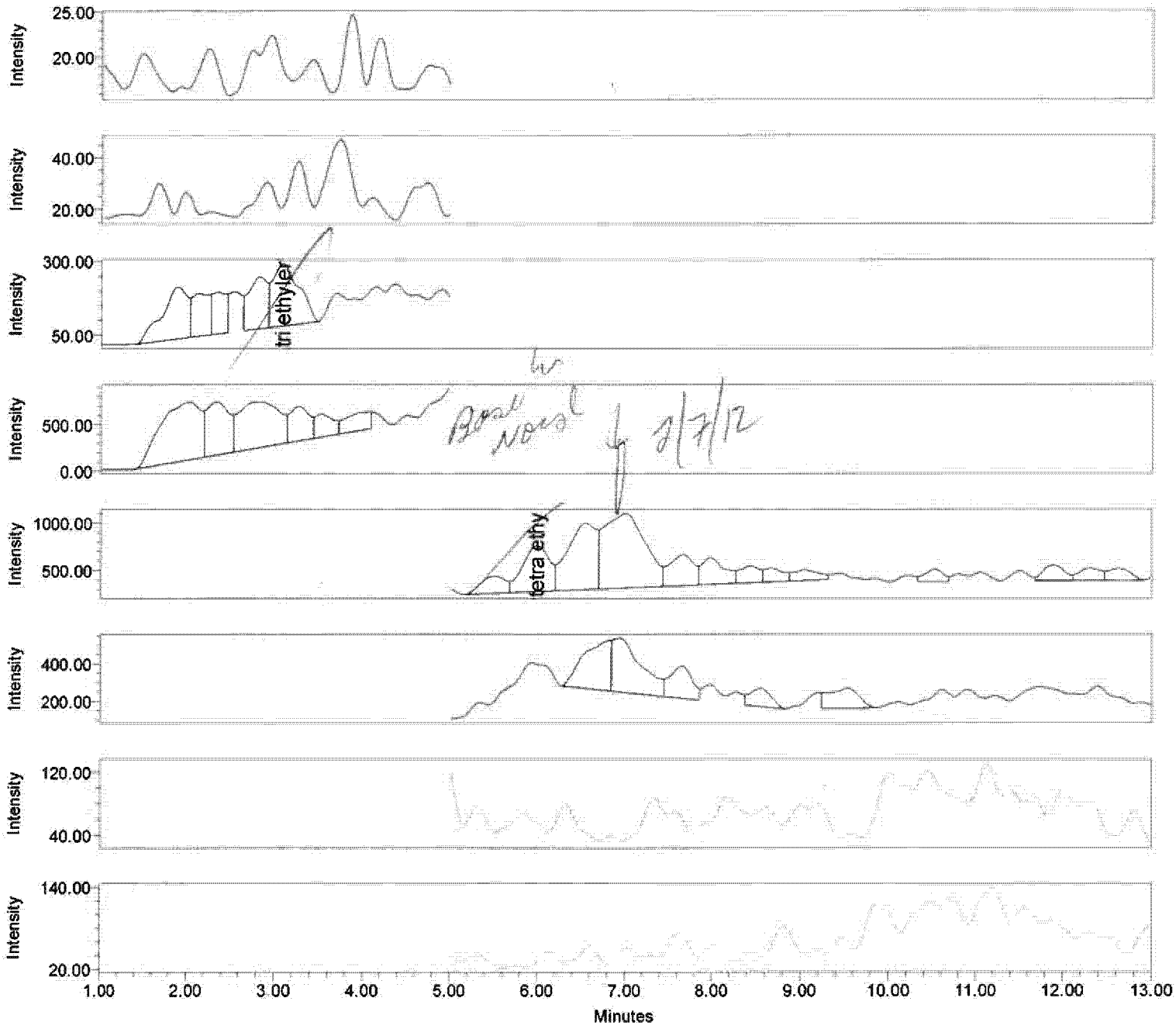
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	LCB 3	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/3/2012 4:44:17 AM EST SampleName LCB 4
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 2:9

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/3/2012 4:44:17 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	LCB 4	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	LCB 4	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.079	LCB 4	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	4274	209	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol conf	3.092	LCB 4	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	Missing

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.983	LCB 4	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	10220	482	VV

BDL

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tetra ethylene glycol conf	5.930	LCB 4	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	Missing

2/7/12

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	LCB 4	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

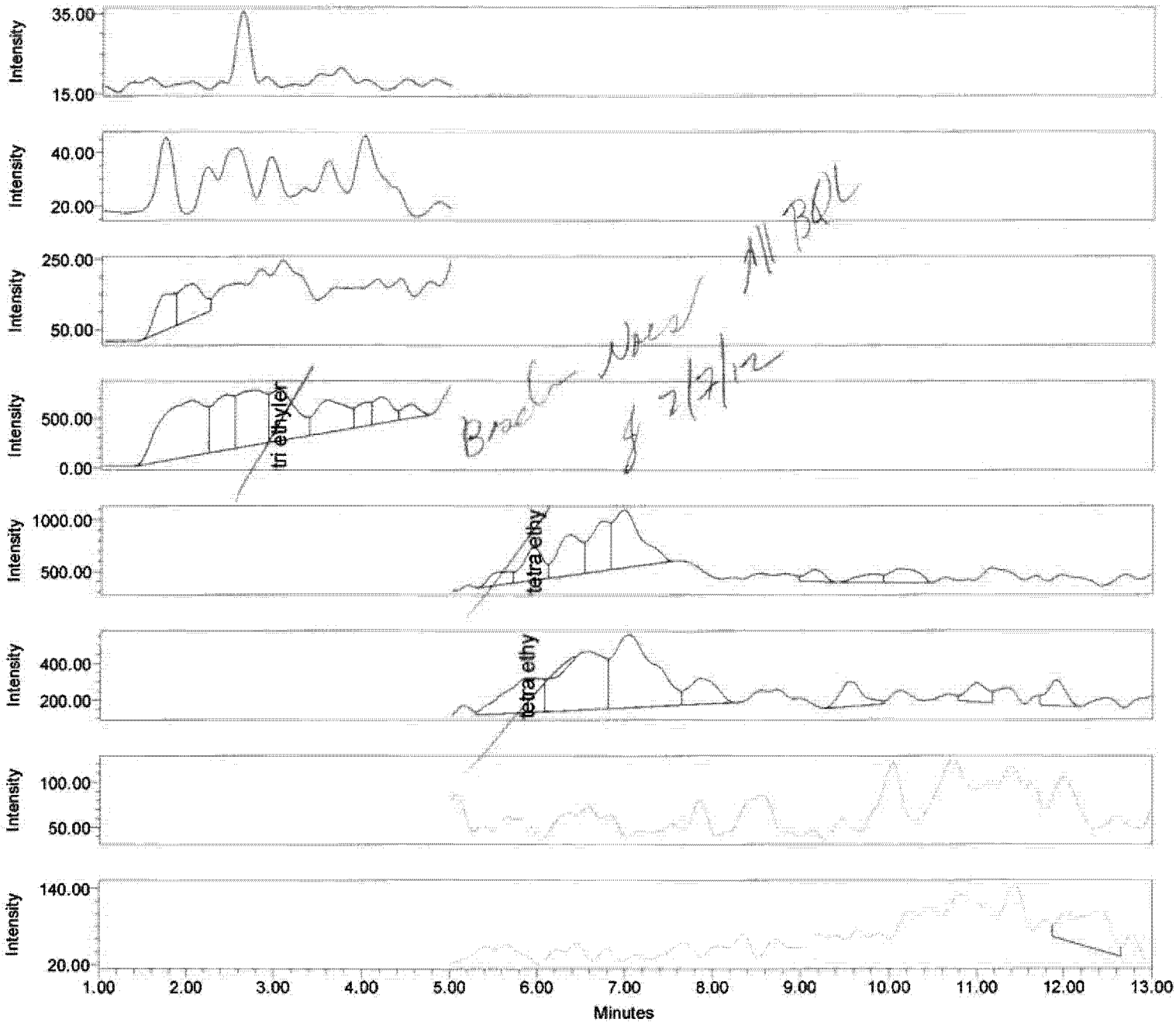
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	LCB 4	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/3/2012 6:26:51 AM EST SampleName LCB 5
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



All BQL
Broadline Need
7/7/12

Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date coll_date analyst jlg Vial 2:9

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 6:26:51 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	LCB 5	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	LCB 5	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol	3.092	LCB 5	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	Missing

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.040	LCB 5	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	10359	514	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.947	LCB 5	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	4931	316	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.874	LCB 5	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5639	186	VV

fm
BAL
jg 2/7/12

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	LCB 5	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

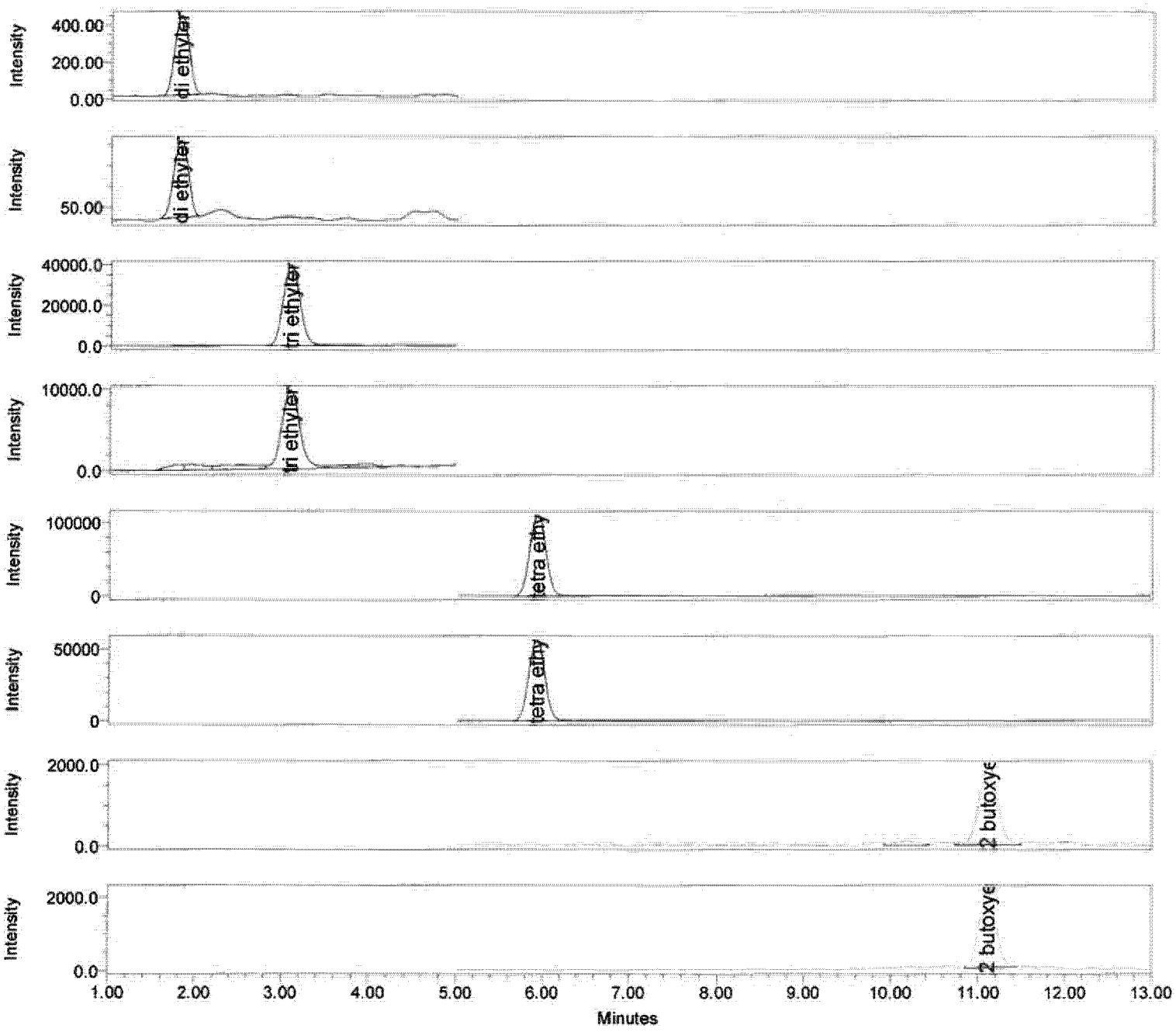
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	LCB 5	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/3/2012 6:06:22 AM EST SampleName CCV 1200060 glycol 50ppb ultra
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/7/12

extr_date coll_date analyst jlg Vial 1:6

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 6:06:22 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.803	CCV 1200060 glycol 50ppb ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	4987	427	60.1	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.800	CCV 1200060 glycol 50ppb ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	2196	185	75.4	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.088	CCV 1200060 glycol 50ppb ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	529848	39522	46.1	BV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.085	CCV 1200060 glycol 50ppb ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	136370	9604	25.4	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.928	CCV 1200060 glycol 50ppb ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	1420796	109977	44.6	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol conf	5.924	CCV 1200060 glycol 50ppb ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	731383	56219	26.2	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.112	CCV 1200060 glycol 50ppb ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	28979	1958	51.2	VV

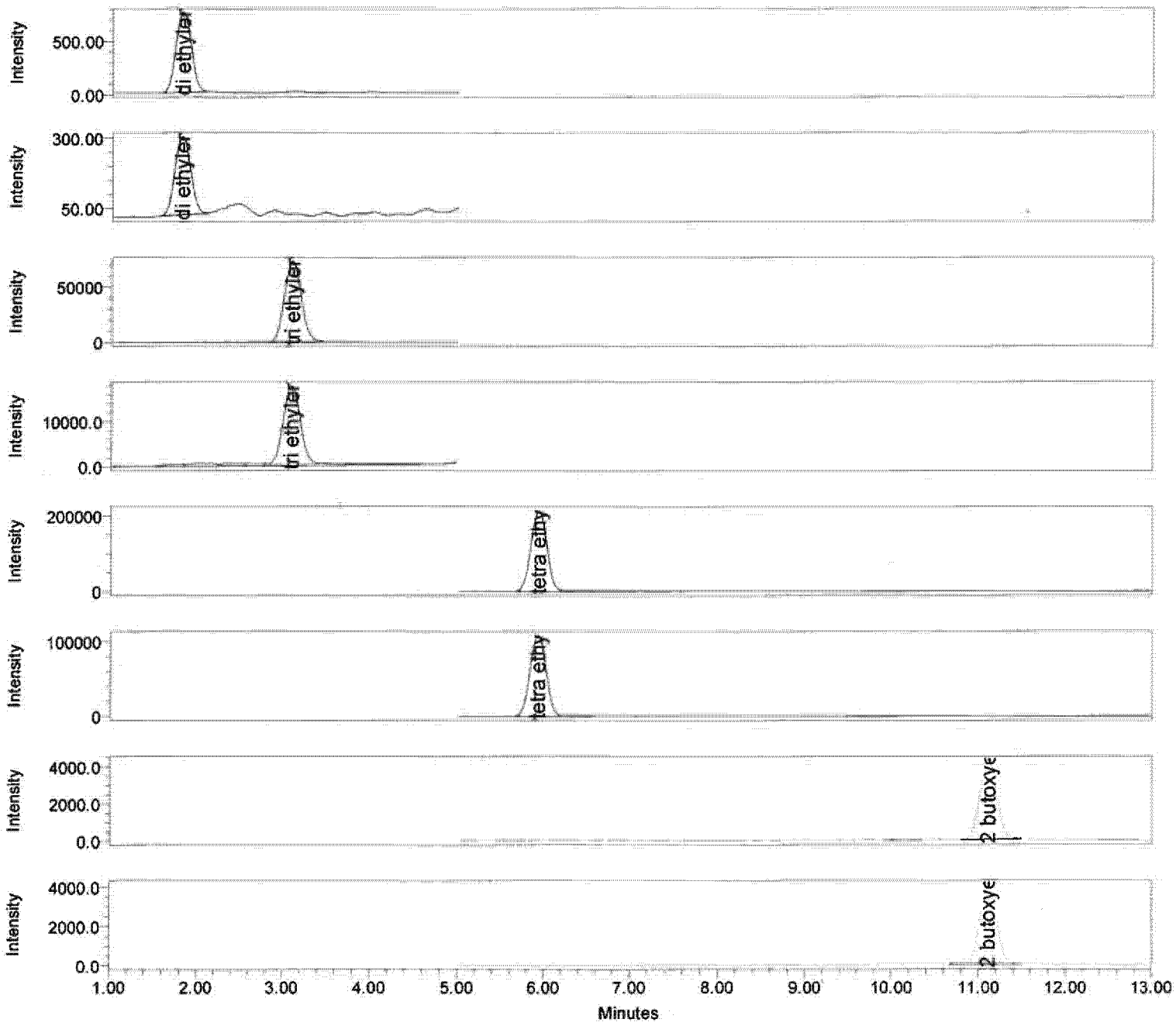
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.107	CCV 1200060 glycol 50ppb ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	28290	2111	46.3	BB

Date Acquired 2/3/2012 2:00:04 AM EST SampleName 1200059 BB20201BS1 CCV 100
Processing Method WO 1201013 Dimock gly proc 4 ultra

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/7/12

extr_date coll_date analyst jlg Vial 1:5

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 2:00:04 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.811	1200059 BB20201BS1 CCV 100 ultra	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	9113	747	113.2	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.808	1200059 BB20201BS1 CCV 100 ultra	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	3471	278	109.5	BB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.094	1200059 BB20201BS1 CCV 100 ultra	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	996547	73220	111.5	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.089	1200059 BB20201BS1 CCV 100 ultra	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	249231	17571	95.7	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.931	1200059 BB20201BS1 CCV 100 ultra	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	2773999	213735	108.7	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb
1	tetra ethylene glycol conf	5.928	1200059 BB20201BS1 CCV 100 ultra	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1401491	108432	91.8

Name: tetra ethylene glycol conf

	Int Type
1	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.113	1200059 BB20201BS1 CCV 100 ultra	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	57884	4243	105.2	BB

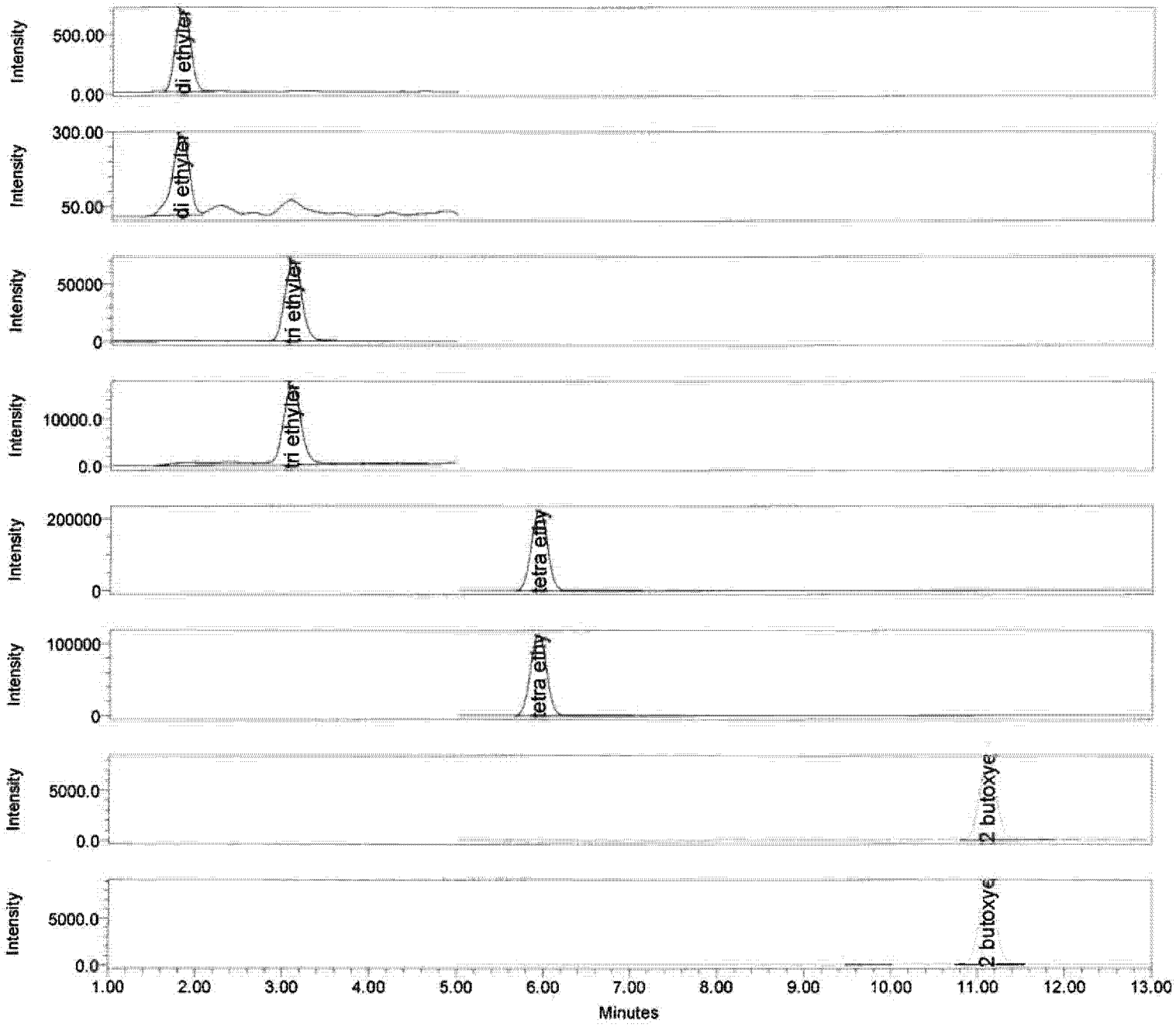
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.110	1200059 BB20201BS1 CCV 100 ultra	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	55601	4042	94.8	BB

Date Acquired 2/2/2012 9:12:53 PM EST SampleName 1200011 glycol 100ppb SCV accu
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/7/12

extr_date coll_date analyst jlg Vial 1:10

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 9:12:53 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.810	1200011 glycol 100ppb SCV accu	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	8136	676	100.6	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.798	1200011 glycol 100ppb SCV accu	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	3570	266	112.2	BV

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.092	1200011 glycol 100ppb SCV accu	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	946586	70280	104.5	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.088	1200011 glycol 100ppb SCV accu	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	241196	16854	90.7	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.933	1200011 glycol 100ppb SCV accu	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	2921278	224269	115.6	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Typ
1	tetra ethylene glycol conf	5.930	1200011 glycol 100ppb SCV accu	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1463415	112194	97.9	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.114	1200011 glycol 100ppb SCV accu	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	110695	7985	203.8	VB

Name: 2 butoxyethanol

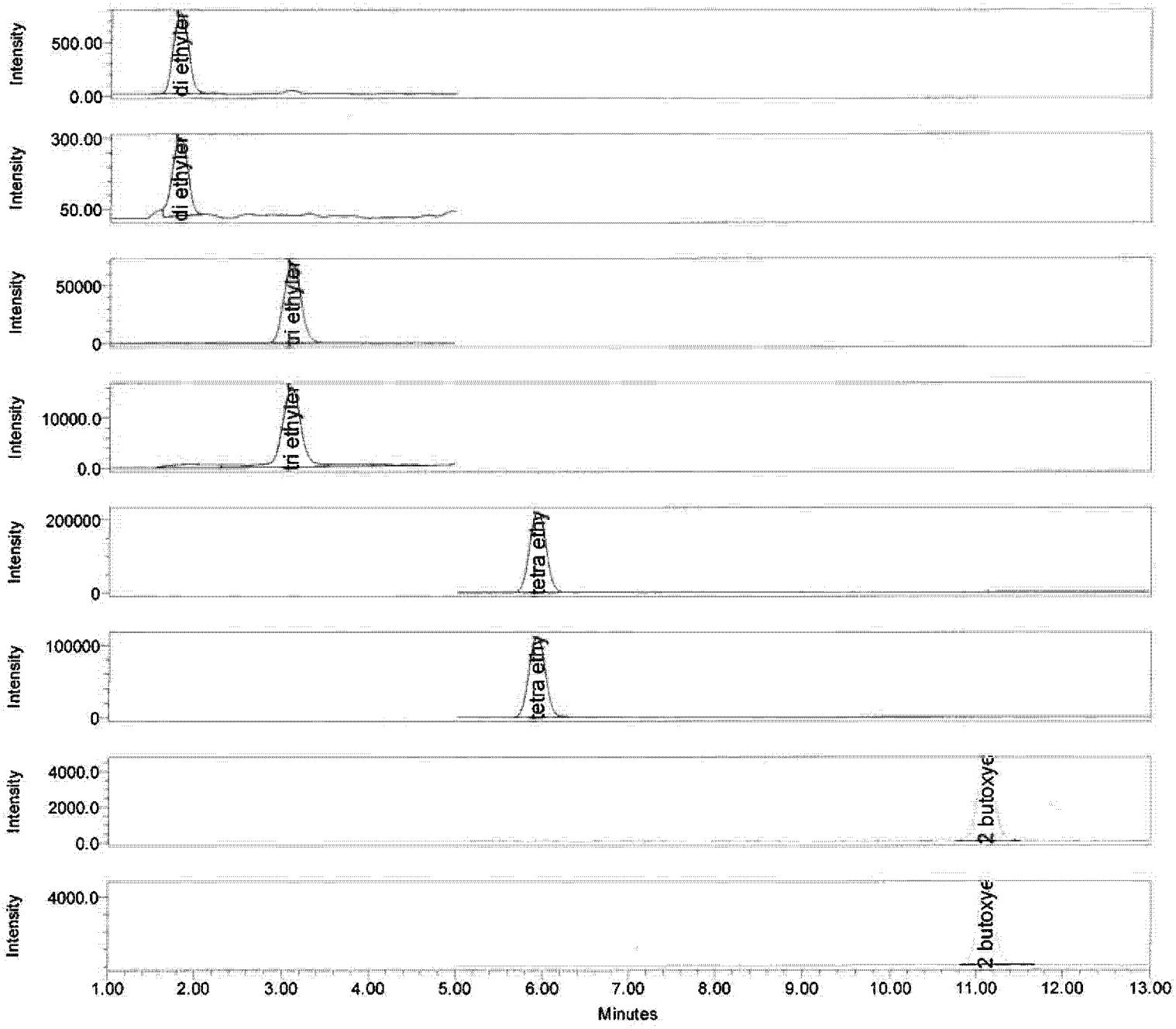
	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.113	1200011 glycol 100ppb SCV accu	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	119596	8621	208.3	VV

prepped wrong by
Acu std - spiked 2x the
requested conc of 2-bu
So - recovery is OK based on 2-bu
Blg 200 ppb - see letter from Acu std in
case file
g 2/7/12

Date Acquired 2/2/2012 9:33:25 PM EST SampleName 1100499 glycol 100ppb SCV accu
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

jg 2/2/12

extr_date coll_date analyst jlg Vial 1:12

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/2/2012 9:33:25 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol	1.808	1100499 glycol 100ppb SCV accu	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	8886	746	110.3	BB

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.807	1100499 glycol 100ppb SCV accu	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	3363	276	106.6	VB

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol	3.093	1100499 glycol 100ppb SCV accu	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	947014	70088	104.5	BB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tri ethylene glycol conf	3.090	1100499 glycol 100ppb SCV accu	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	232547	15866	85.3	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	tetra ethylene glycol	5.932	1100499 glycol 100ppb SCV accu	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	2850540	221007	112.3	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Ty
1	tetra ethylene glycol conf	5.929	1100499 glycol 100ppb SCV accu	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1434344	111645	95.0	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.113	1100499 glycol 100ppb SCV accu	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	62344	4480	113.5	VV

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol	11.111	1100499 glycol 100ppb SCV accu	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	62314	4545	106.7	BB

JG 2/7/12
std expired 1/14/12
used b/c Accu std std 1200011
was prepped wrong by Accu std
see note in case file

Case File Contents

HPLC Identification

Glycol by LC/MS/MS

WO 1201013

Dimock Residential Groundwater

DAS R33907

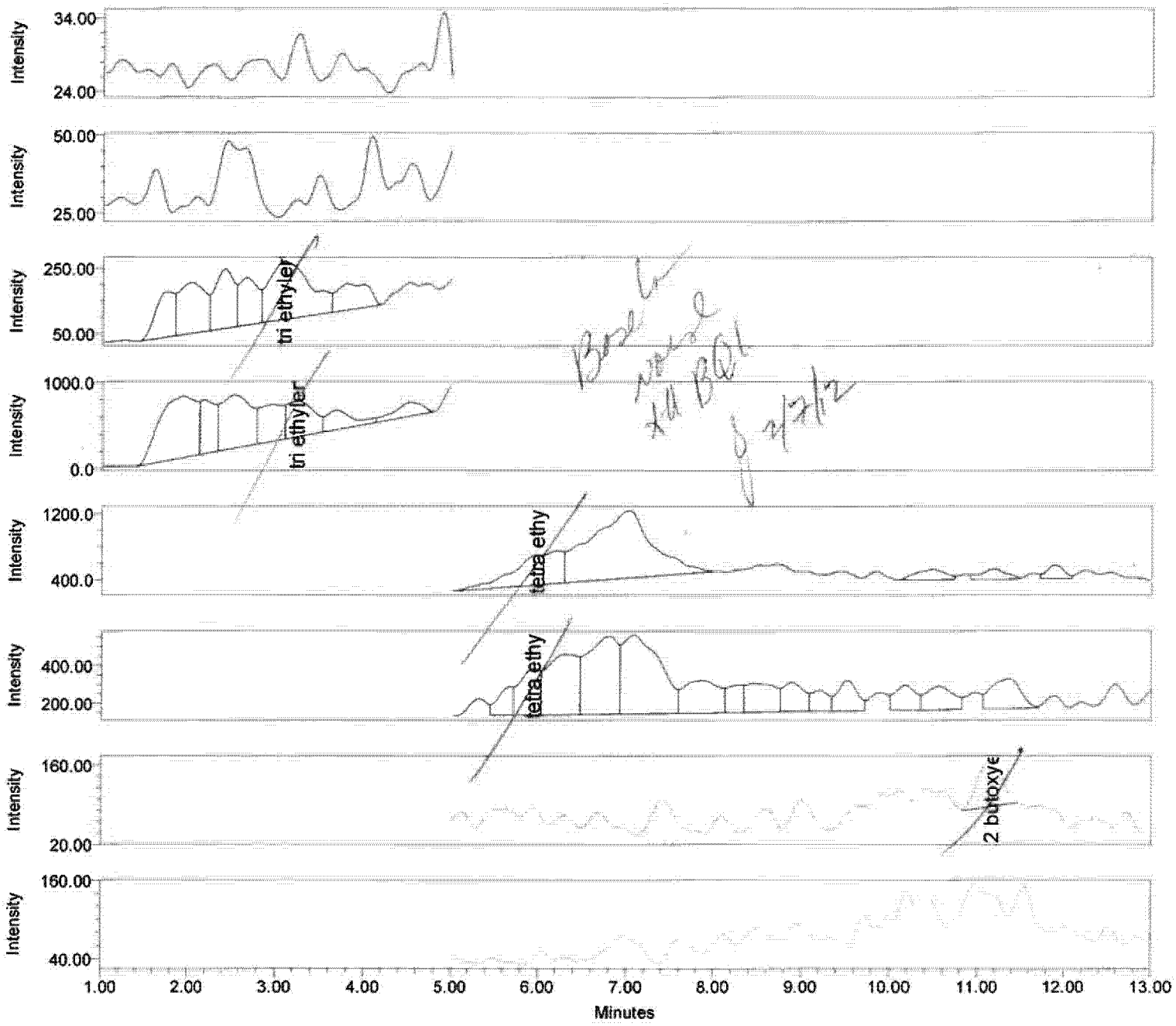
Sample Data

Glycols
run 4

Date Acquired 2/2/2012 10:14:25 PM EST SampleName 1201015-11
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01302012 analyst jlg Vial 2:34

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 10:14:25 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-11	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-11	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.084	1201015-11	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	5711	177	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.236	1201015-11	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	8476	411	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.982	1201015-11	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	8750	360	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.943	1201015-11	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	3979	245	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Am ppb	Int Type
1	2 butoxyethanol conf	11.172	1201015-11	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	1636	82	0.1	VB

NA
BRL
2/7/12

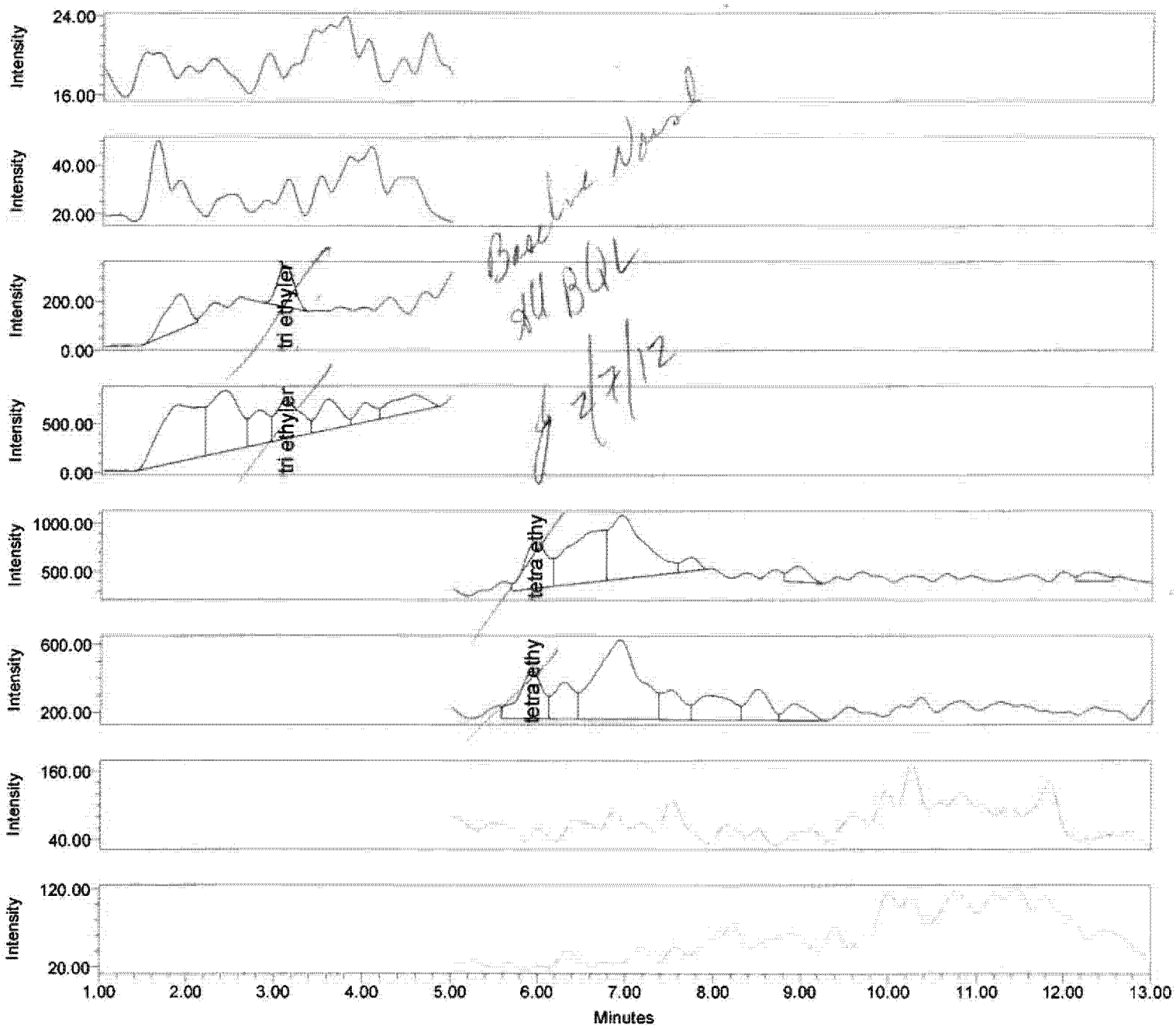
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-11	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/2/2012 10:34:55 PM EST SampleName 1201015-13
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:35

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 10:34:55 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-13	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-13	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.098	1201015-13	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	2175	169	BB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.116	1201015-13	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	7550	388	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.957	1201015-13	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	9005	483	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.928	1201015-13	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5429	279	VV

All OK 7/7/12

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-13	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

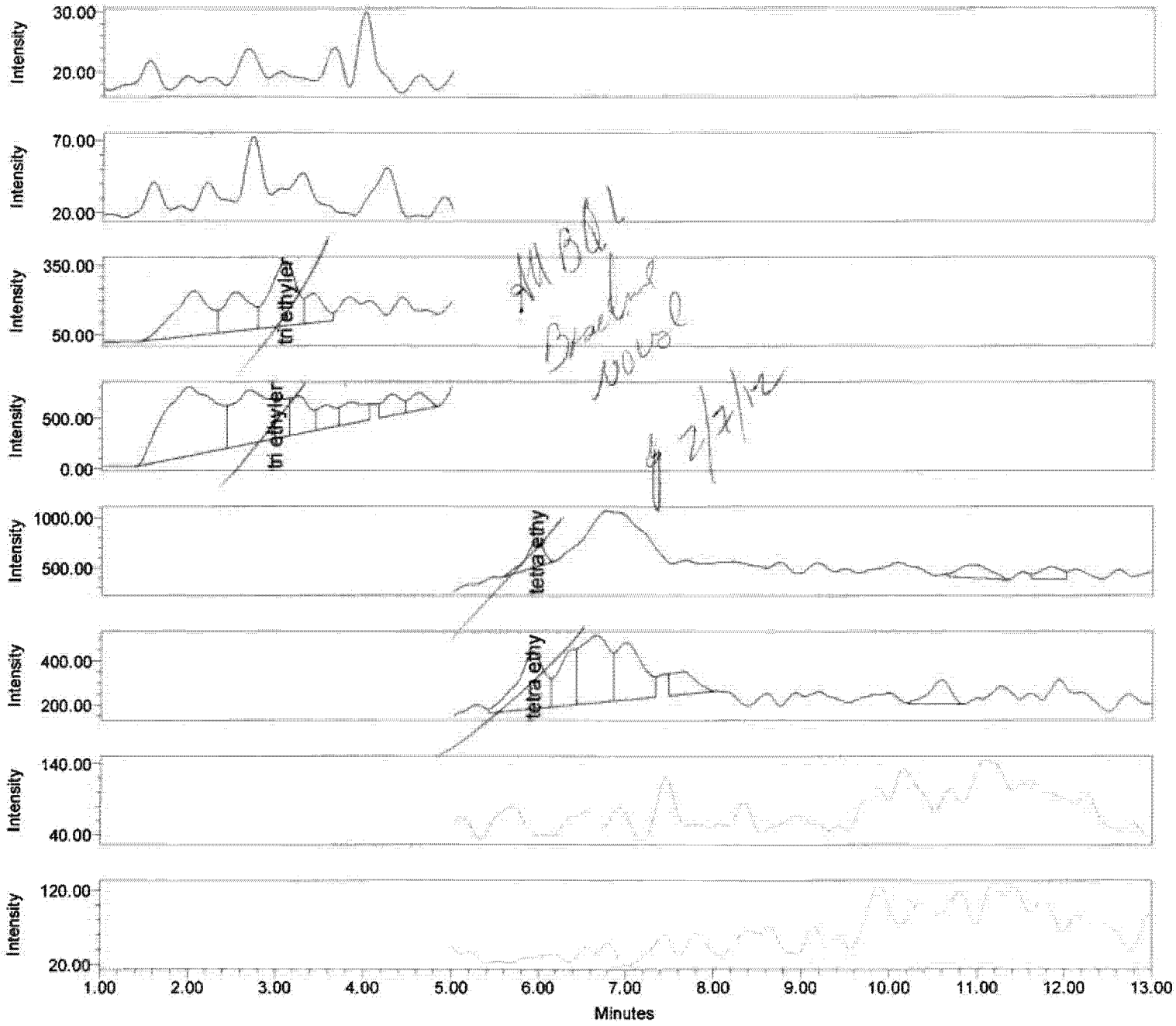
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-13	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/2/2012 10:55:26 PM EST SampleName 1201015-15
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:36

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 10:55:26 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-15	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-15	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.088	1201015-15	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	5940	279	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	2.976	1201015-15	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	3756	395	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.958	1201015-15	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	3637	243	VB

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.930	1201015-15	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5786	257	VV

JM
BQL
2/2/12

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-15	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

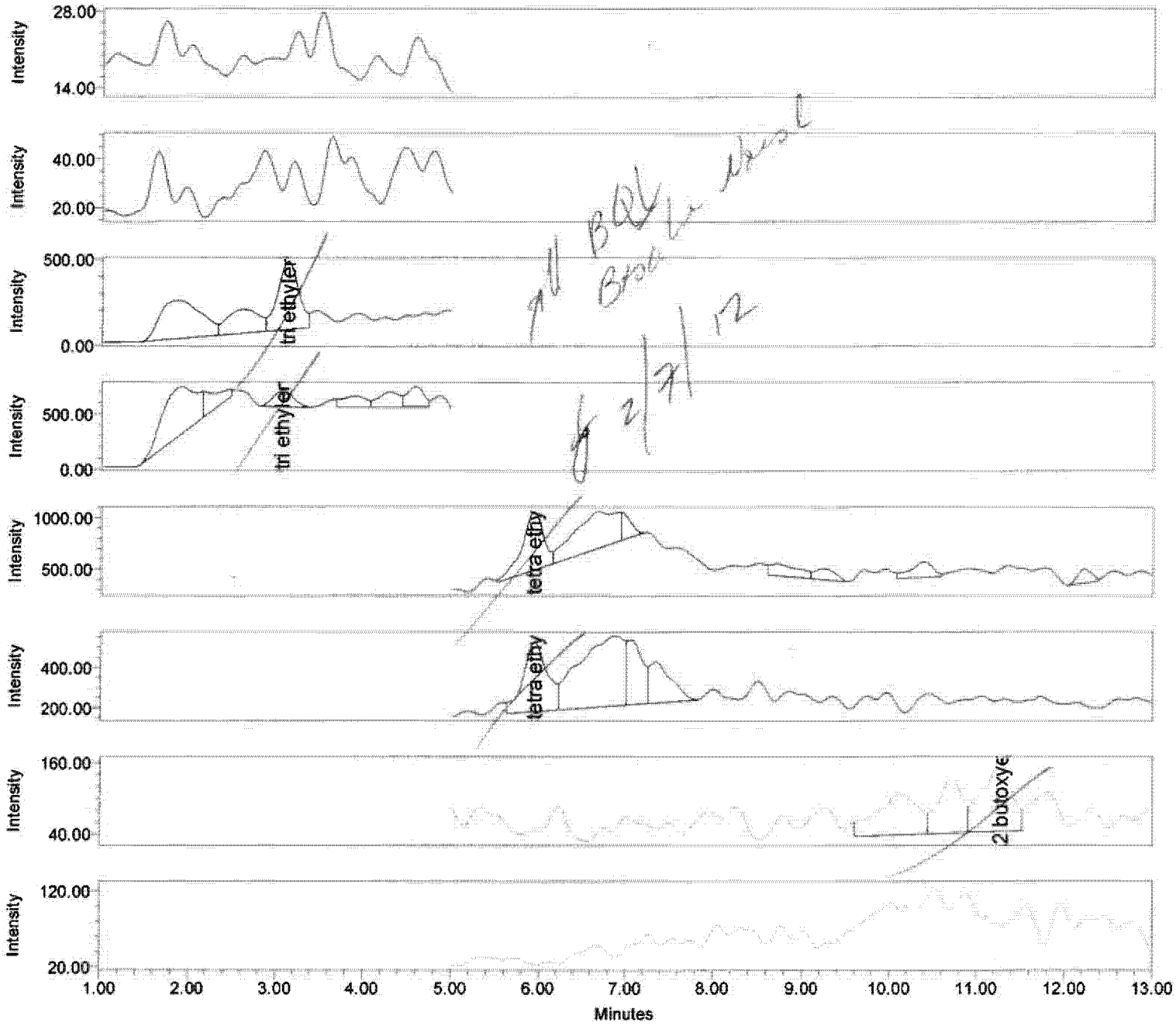
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-15	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/2/2012 11:15:56 PM EST SampleName 1201015-17
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:37

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 11:15:56 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-17	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-17	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.118	1201015-17	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	6567	393	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.060	1201015-17	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	2298	139	BB

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.935	1201015-17	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	9643	568	VV

all BDL
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Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.944	1201015-17	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	6626	341	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.280	1201015-17	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	2801	118	2.5	VV

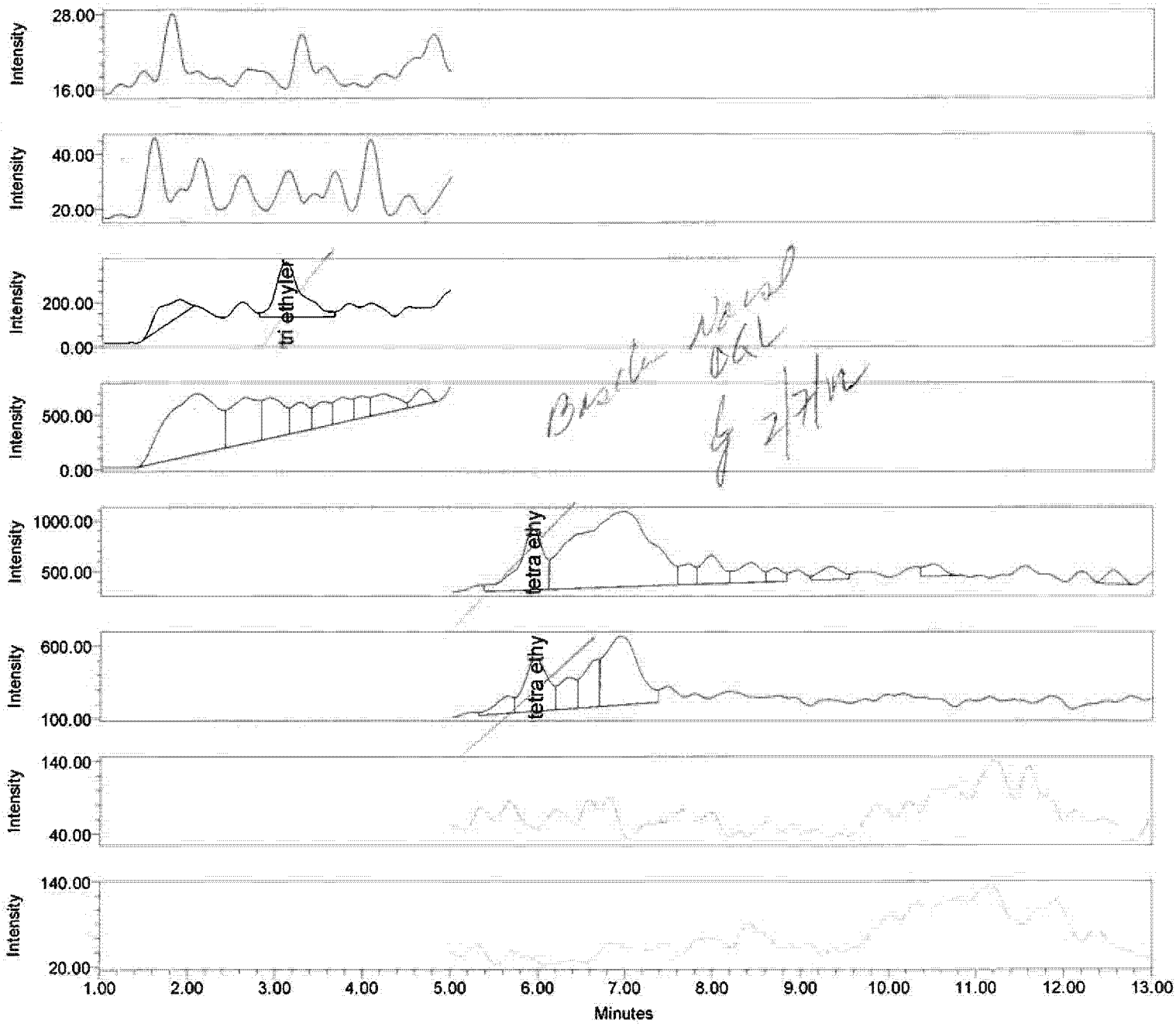
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-17	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/2/2012 11:36:28 PM EST SampleName 1201015-19
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

Injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01302012 analyst jlg Vial 2:38

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 11:36:28 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-19	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-19	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.099	1201015-19	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	5150	248	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol conf	3.092	1201015-19	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	Missing

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.932	1201015-19	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	11611	589	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.965	1201015-19	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	6684	361	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-19	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-19	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

all BDL

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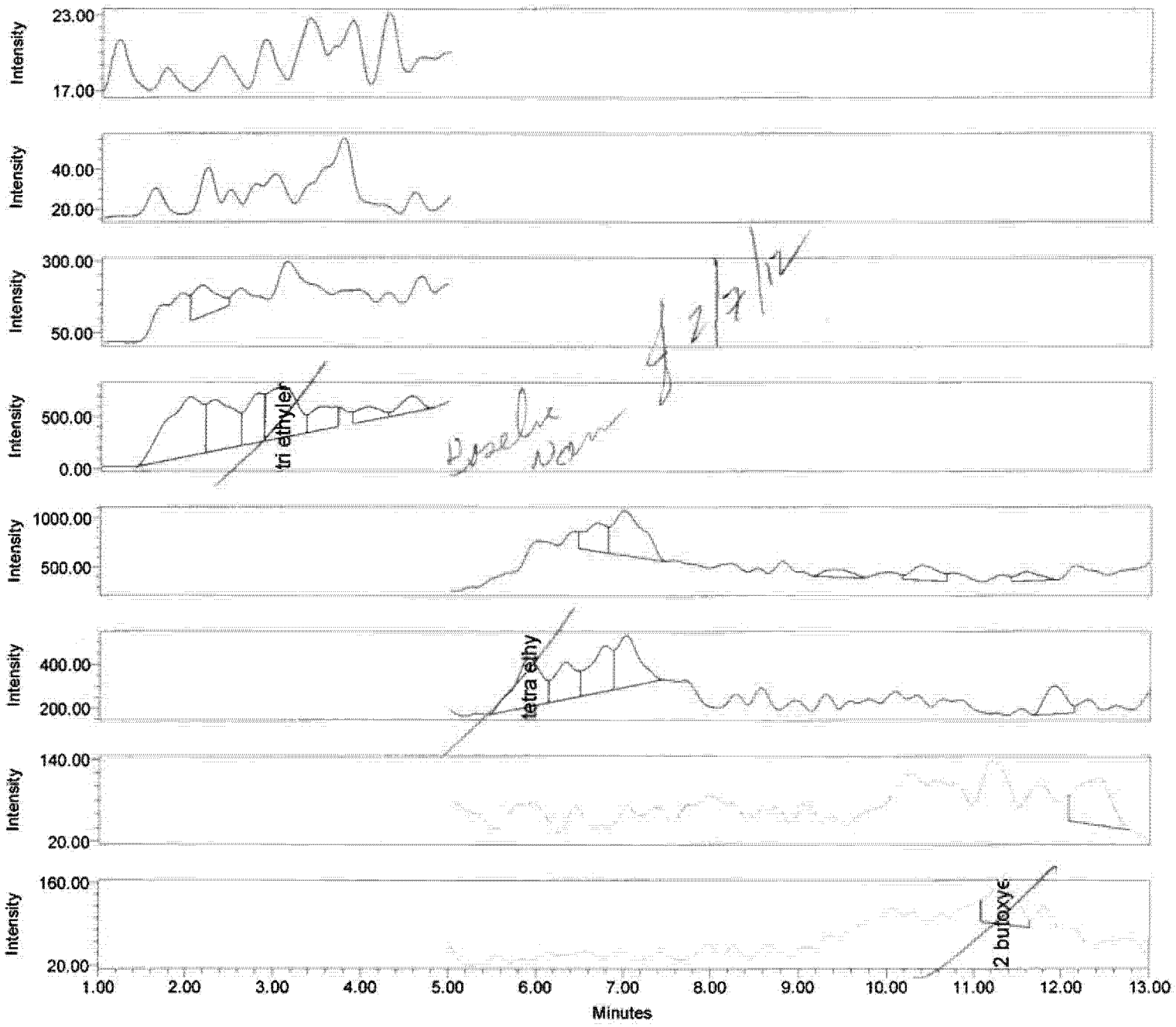
Date Acquired 2/2/2012 11:57:01 PM EST SampleName 1201015-21
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01302012 analyst jlg Vial 2:39

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/2/2012 11:57:01 PM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-21	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-21	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol	3.092	1201015-21	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	Missing

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.090	1201015-21	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	11408	491	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	tetra ethylene glycol	5.930	1201015-21	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	Missing

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.913	1201015-21	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	4705	224	BV

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Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-21	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

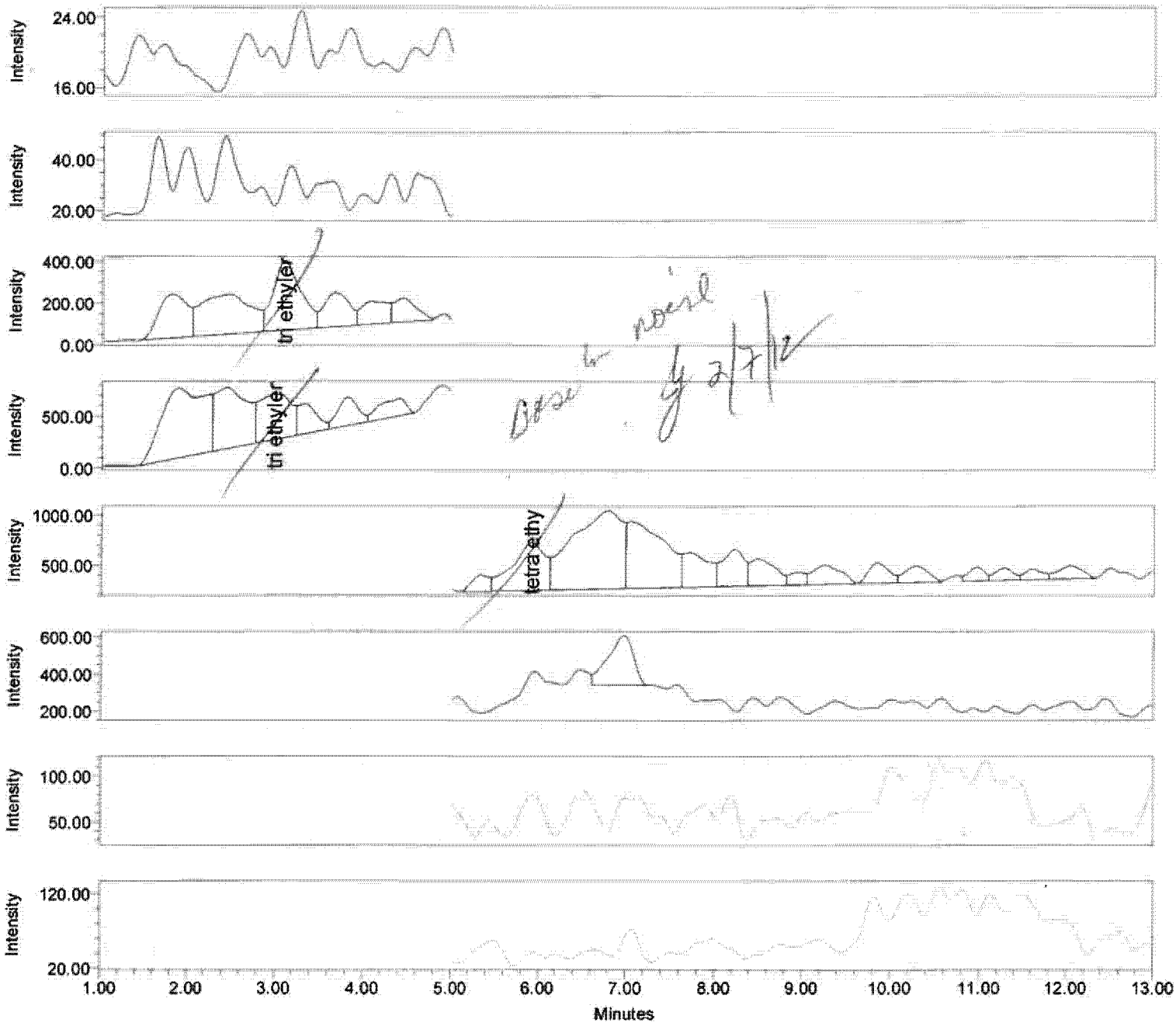
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	2 butoxyethanol	11.327	1201015-21	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	1614	67	VV

Date Acquired 2/3/2012 12:58:34 AM EST SampleName 1201015-25
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Base to peak
JG 2/7/12

Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 02012012 analyst jlg Vial 2:42

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/3/2012 12:58:34 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-25	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-25	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.097	1201015-25	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	7185	333	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	2.989	1201015-25	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	10845	428	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.915	1201015-25	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	12386	475	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tetra ethylene glycol conf	5.930	1201015-25	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	Missing

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-25	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-25	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

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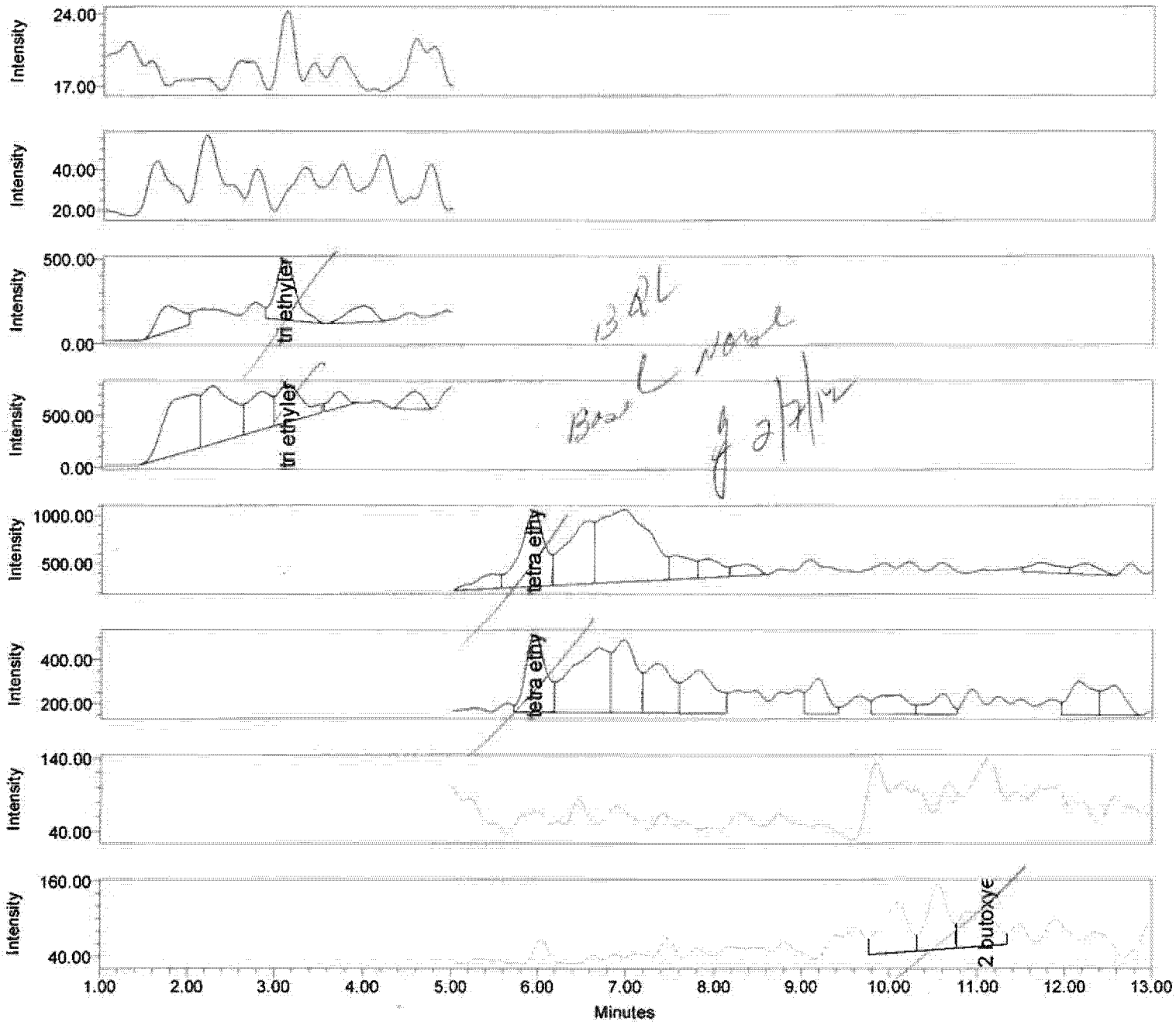
2/7/12

Date Acquired 2/3/2012 1:19:05 AM EST SampleName 1201015-26
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 02012012 analyst jlg Vial 2:43

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/3/2012 1:19:05 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-26	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-26	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.093	1201015-26	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	5629	352	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.132	1201015-26	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	7061	359	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.936	1201015-26	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	15161	769	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.950	1201015-26	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5595	354	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-26	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

Name: 2 butoxyethanol

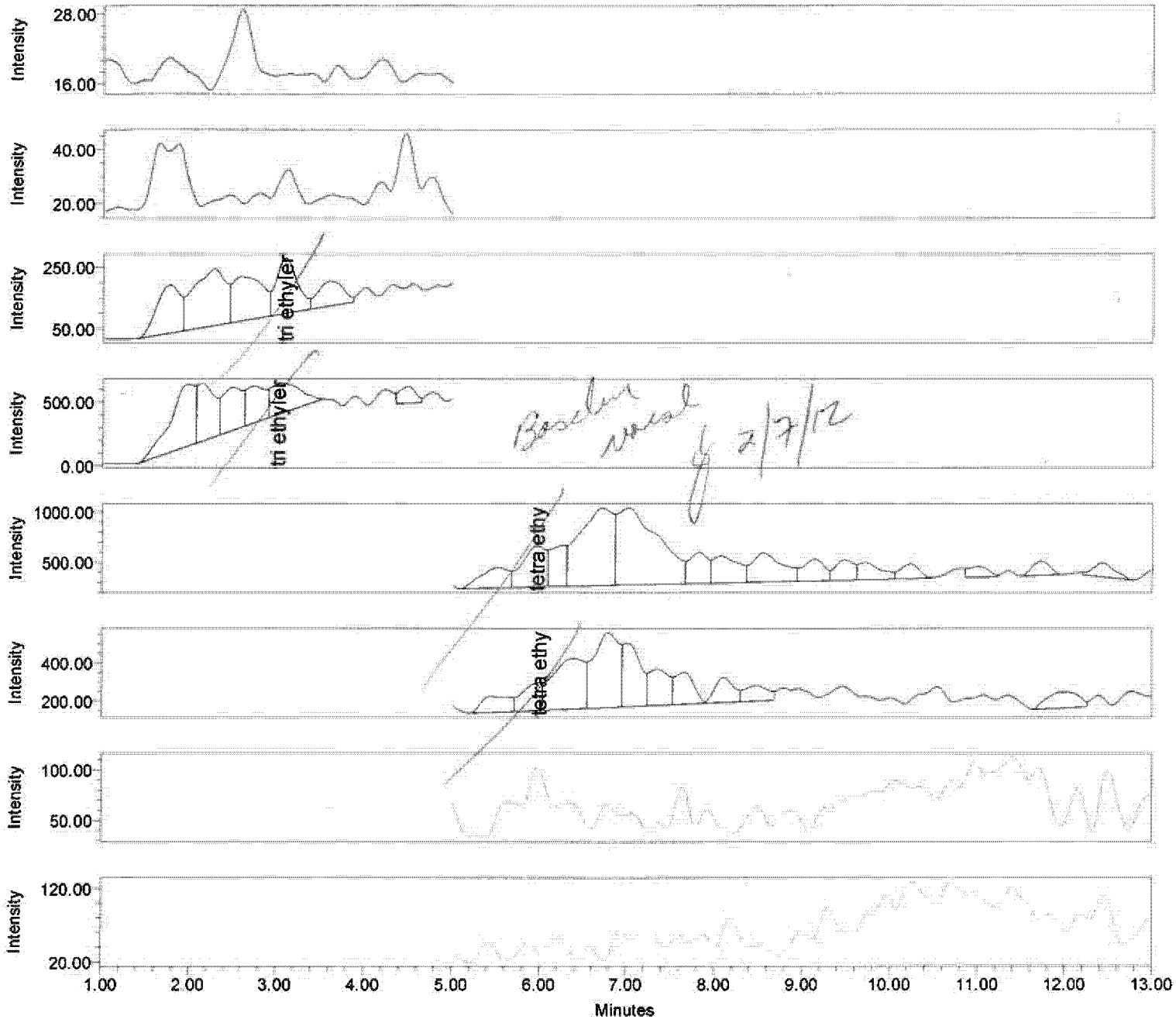
	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	2 butoxyethanol	11.099	1201015-26	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	1582	57	VV

BQL
2/7/12

Date Acquired 2/3/2012 2:20:35 AM EST SampleName 1201015-30
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 02012012 analyst jlg Vial 2:44

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 2:20:35 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-30	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-30	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.096	1201015-30	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	2944	178	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.017	1201015-30	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	5244	238	VB

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.969	1201015-30	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	7652	409	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.997	1201015-30	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2279	144	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-30	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-30	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

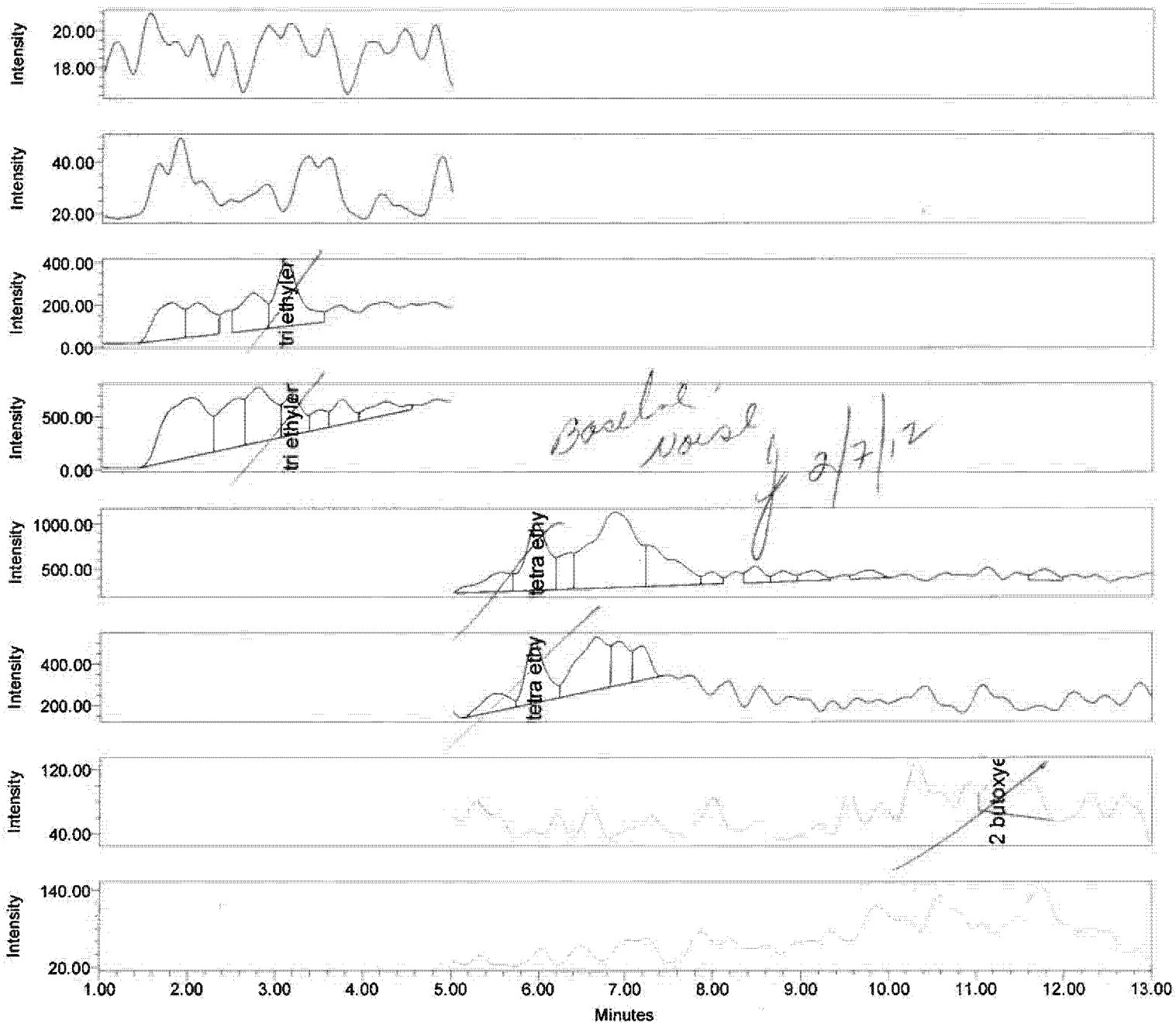
All BQL

JG 2/7/12

Date Acquired 2/3/2012 2:41:06 AM EST SampleName 1201015-31
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 02012012 analyst jlg Vial 2:45

Acq Method Set MRM 4 glycol oct 201 Date Acquired 2/3/2012 2:41:06 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-31	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-31	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.102	1201015-31	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	5897	299	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.164	1201015-31	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	5519	349	VV

AM
BQL

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.959	1201015-31	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	13739	735	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.939	1201015-31	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	4625	286	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	2 butoxyethanol conf	11.245	1201015-31	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	1838	49	0.5	VB

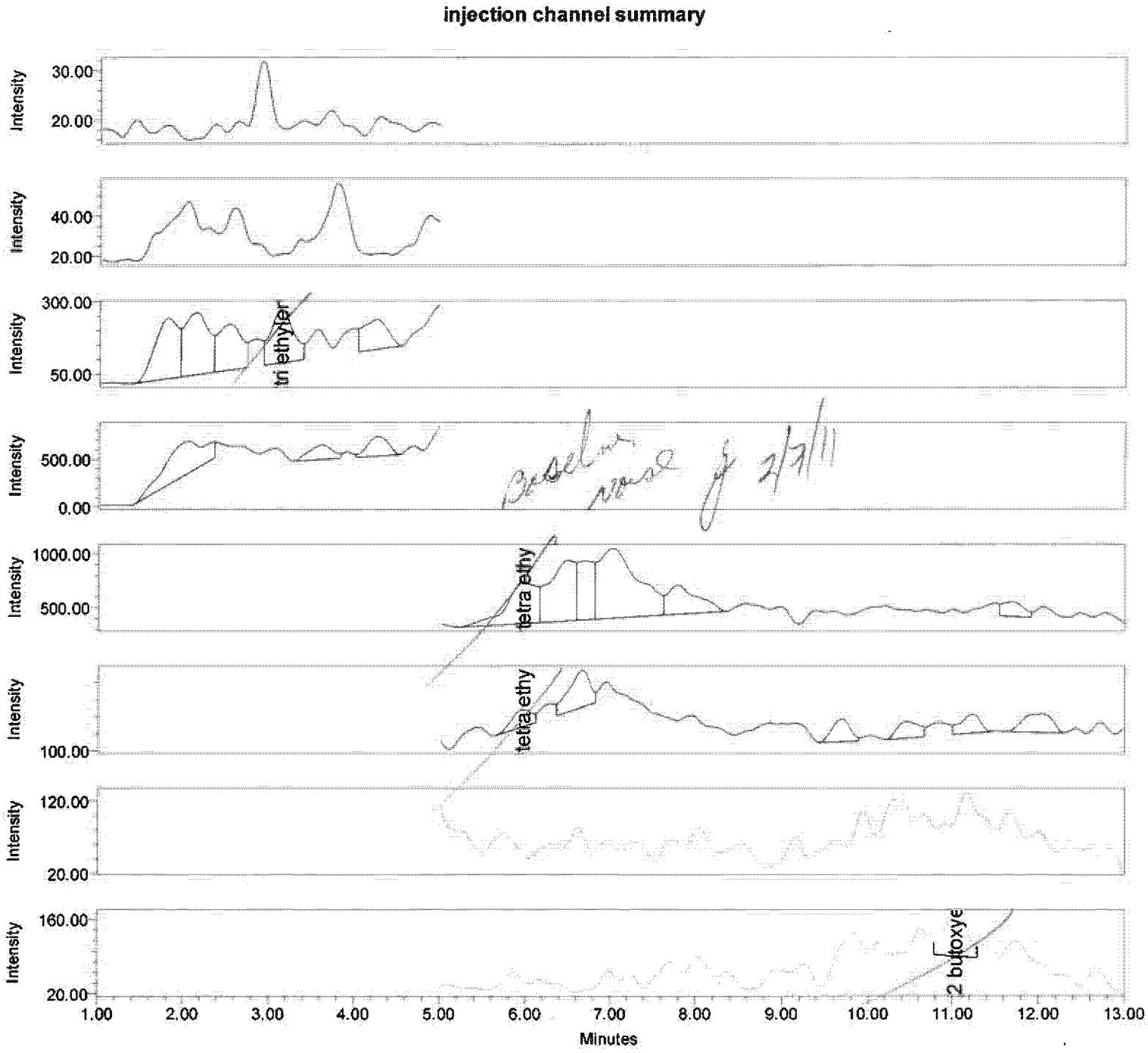
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-31	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

g 2/7/12

Date Acquired 2/3/2012 3:01:39 AM EST SampleName 1201015-33
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 02012012 analyst jlg Vial 2:46

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 3:01:39 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-33	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-33	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.122	1201015-33	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	3344	185	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol conf	3.092	1201015-33	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	Missing

All BQL

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.963	1201015-33	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	9546	385	BV

by 2/7/12

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.963	1201015-33	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	1584	100	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-33	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

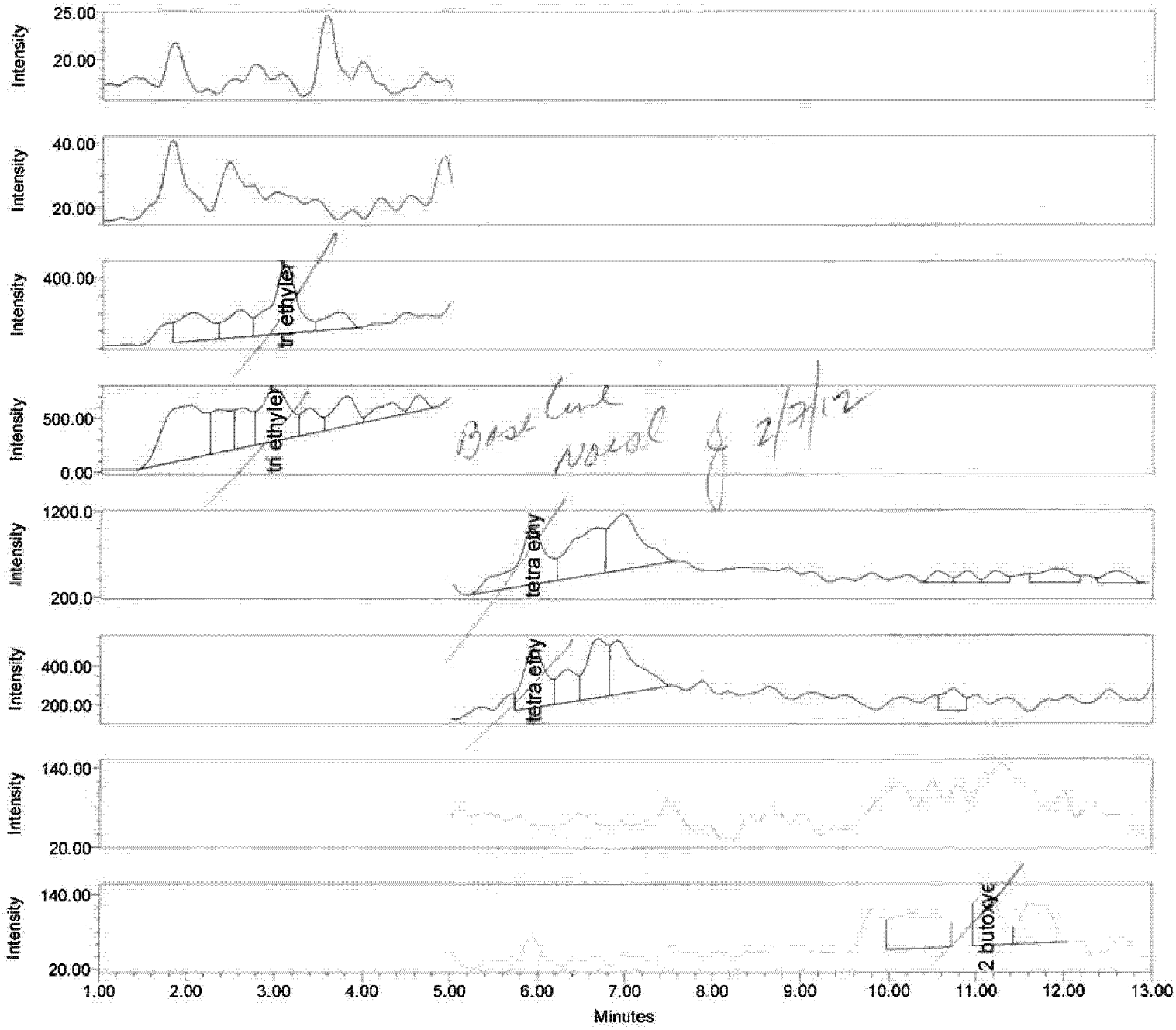
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	2 butoxyethanol	11.035	1201015-33	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	1535	80	VV

Date Acquired 2/3/2012 3:22:12 AM EST SampleName 1201015-37
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:47

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 3:22:12 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-37	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-37	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.095	1201015-37	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	7661	387	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	2.975	1201015-37	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	10642	477	VV

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.927	1201015-37	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	16265	646	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.947	1201015-37	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5409	303	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-37	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

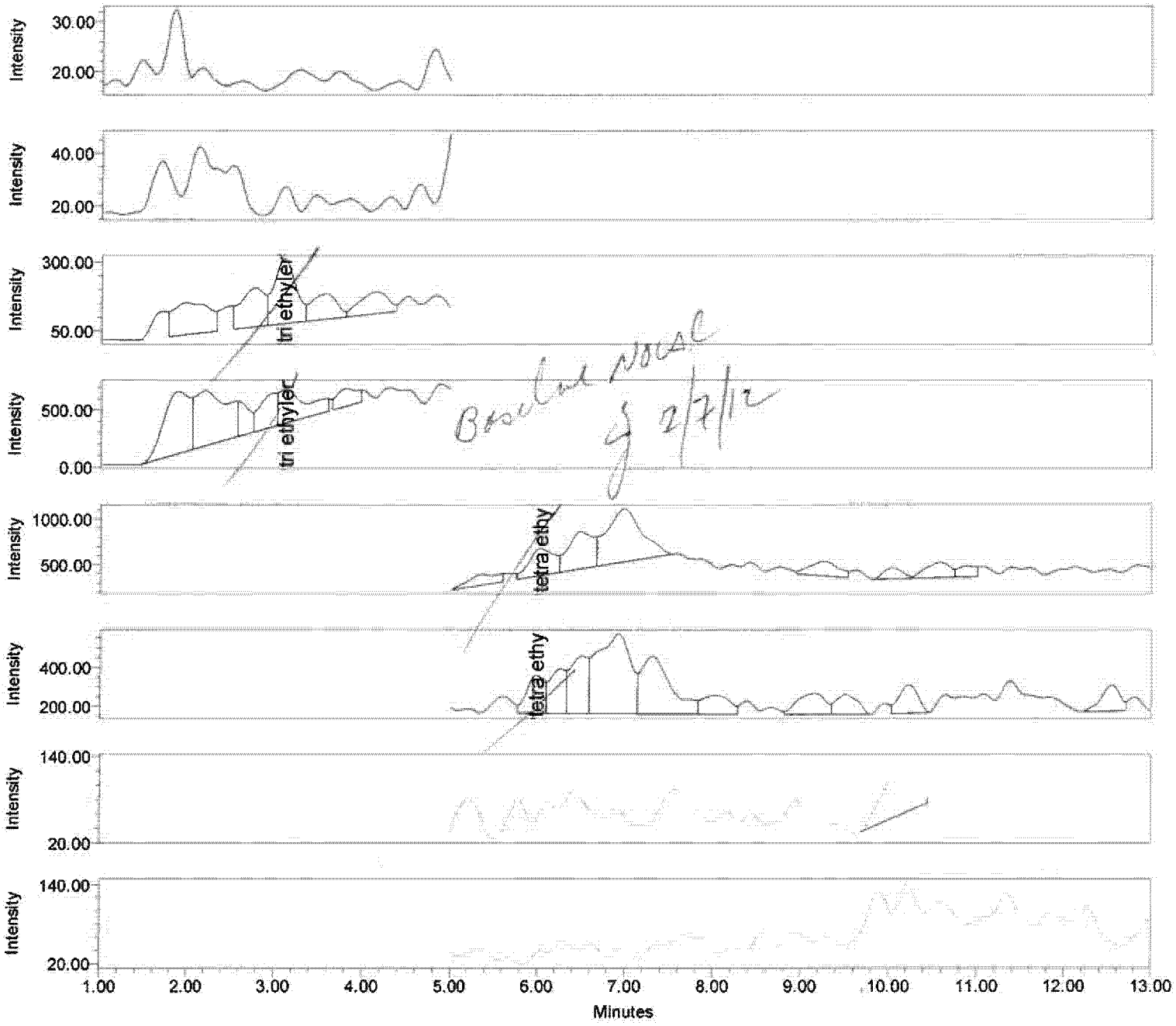
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	2 butoxyethanol	11.122	1201015-37	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	1801	93	VV

Date Acquired 2/3/2012 3:42:46 AM EST SampleName 1201015-39
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Baseline Noise
JJ 2/7/12

Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01312012 analyst jlg Vial 2:48

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 3:42:46 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-39	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-39	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.105	1201015-39	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	4038	233	VV

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol conf	3.131	1201015-39	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	6197	295	VV

All BQL

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	6.035	1201015-39	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	5843	290	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.989	1201015-39	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	2670	193	VV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-39	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

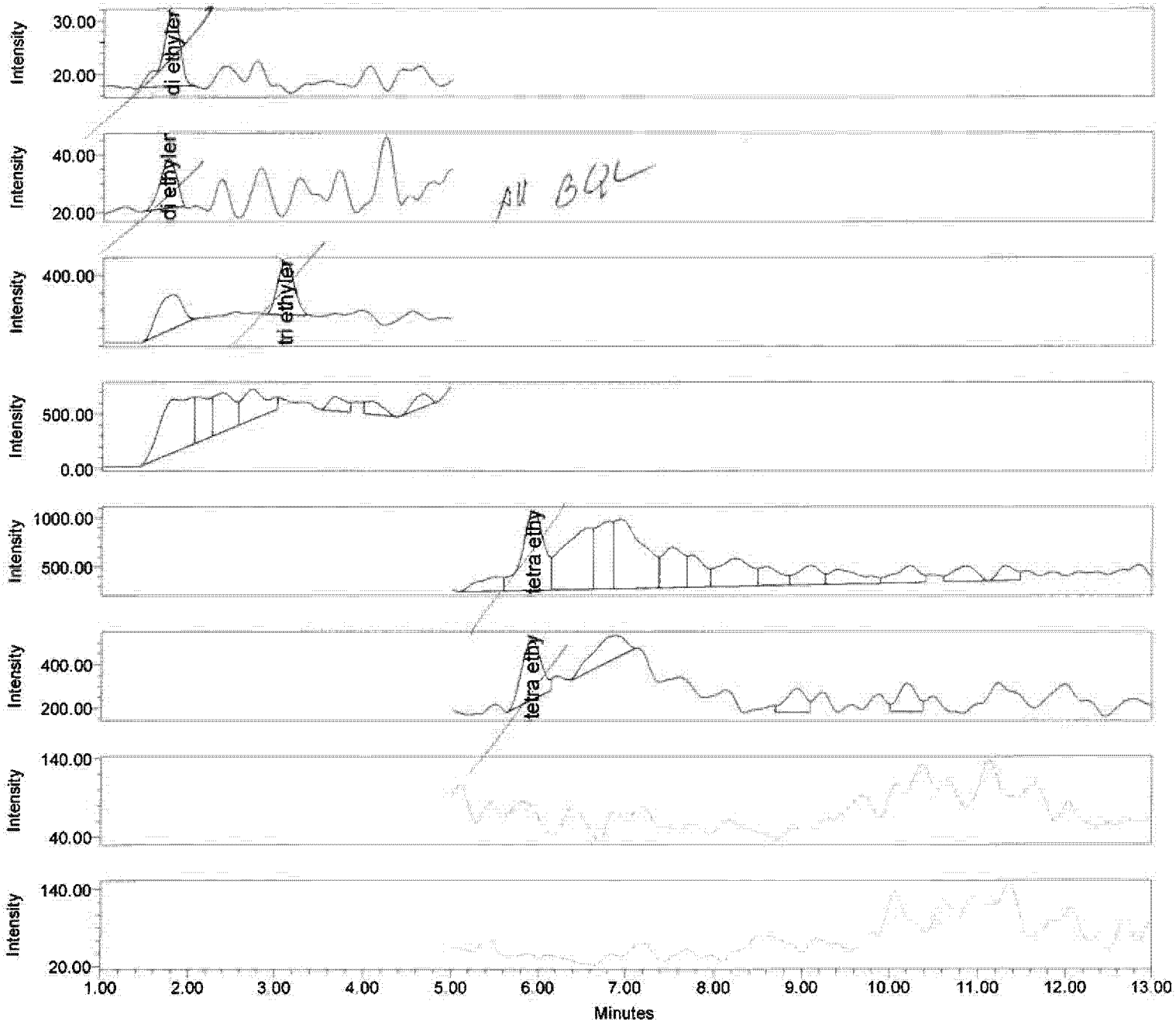
Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-39	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

Date Acquired 2/3/2012 4:03:16 AM EST SampleName 1201015-41
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

2/7/12

extr_date 02022012 coll_date 01312012 analyst jlg Vial 1:17

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 4:03:16 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

man int peak not integrated BQL

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	di ethylene glycol	1.780	1201015-41	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	191	14	bb

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Amt ppb	Int Type
1	di ethylene glycol conf	1.742	1201015-41	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	216	17	22.4	bb

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.100	1201015-41	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	3863	299	BB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol conf	3.092	1201015-41	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	Missing

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.933	1201015-41	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	14307	808	VV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.919	1201015-41	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	4252	275	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol conf	11.111	1201015-41	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	Missing

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-41	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

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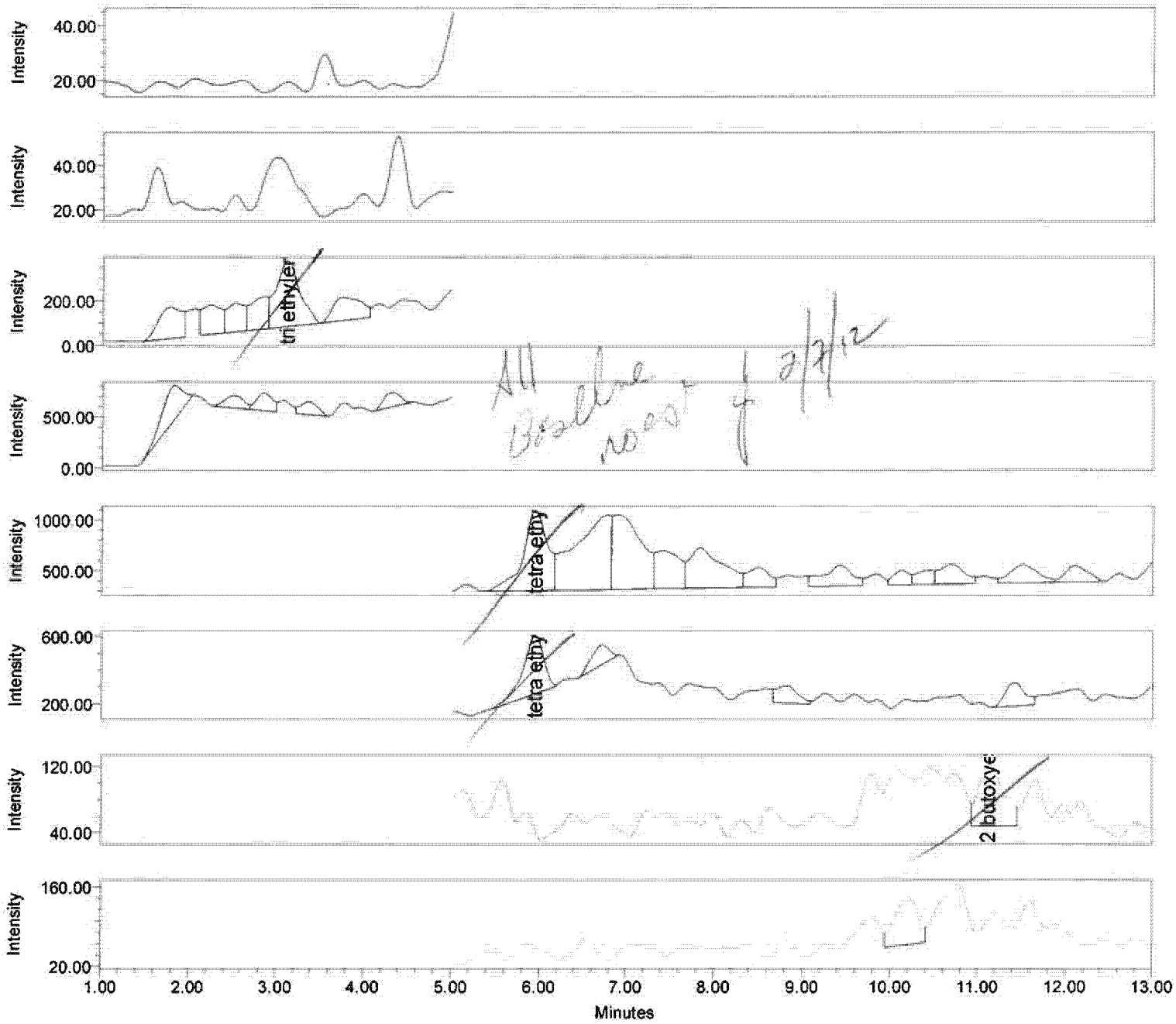
Date Acquired 2/3/2012 4:23:46 AM EST SampleName 1201015-43
Processing Method WO 1201013 Dimock gly proc 4

jlg TQD Summary

injection channel summary



Channel: TQ 1: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 1: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 2: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 3: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch1; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4
Channel: TQ 4: MRM Ch2; Acq Meth set MRM 4 glycol oct 2011; Sample Set WO 1201013 Dimock glycol run 4

extr_date 02022012 coll_date 01312012 analyst jlg Vial 1:18

Acq Method Set MRM 4 glycol oct 2011 Date Acquired 2/3/2012 4:23:46 AM EST Injection Volume 30.00 uL

Instrument Method Name MRM 4 glycol oct 2011 Processing Method WO 1201013 Dimock gly proc 4

Name: di ethylene glycol

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol	1.806	1201015-43	1: MRM Ch1 106.94>44.90 ES+, CV=18 CE=48	Missing

Name: di ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	di ethylene glycol conf	1.806	1201015-43	1: MRM Ch2 106.94>88.40 ES+, CV=18 CE=22	Missing

Name: tri ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tri ethylene glycol	3.112	1201015-43	2: MRM Ch1 150.97>45.10 ES+, CV=24 CE=26	5461	291	VB

Name: tri ethylene glycol conf

	Name	RT	SampleName	Channel Description	Int Type
1	tri ethylene glycol conf	3.092	1201015-43	2: MRM Ch2 150.97>89.00 ES+, CV=24 CE=24	Missing

Name: tetra ethylene glycol

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol	5.946	1201015-43	3: MRM Ch1 195.05>45.10 ES+, CV=22 CE=22	14984	788	BV

Name: tetra ethylene glycol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	tetra ethylene glycol conf	5.947	1201015-43	3: MRM Ch2 195.05>89.00 ES+, CV=22 CE=20	5687	347	BV

Name: 2 butoxyethanol conf

	Name	RT	SampleName	Channel Description	Area	Height	Int Type
1	2 butoxyethanol conf	11.127	1201015-43	4: MRM Ch1 118.93>57.10 ES+, CV=16 CE=20	1547	80	VV

Name: 2 butoxyethanol

	Name	RT	SampleName	Channel Description	Int Type
1	2 butoxyethanol	11.111	1201015-43	4: MRM Ch2 118.93>63.00 ES+, CV=16 CE=14	Missing

2/7/12