CCS Semi-Automated Screening Results

14:43 Fri, Jun 26, 2015

SDG F9L98 **Lab** DATAC **Case** 45316 **Contract** EPW11037 **Client** EPA Region 6 **SOW** SOM01.2 **Stage** 3 **Tracking ID** 216684 **Version** 8.6

DRD 06/23/2015 **LRD** 06/02/2015 **Mailed** 06/26/2015 **Submission Type** First Submission **Screening Type** Semi-Automated

Manual Defect Detail

METHOD = BNA SIM

Defect Analysis	Column ID	Analyte	Peak	Peak Comparison	Reported/Recalculated Value	Expected Value
Test						
Defect BM.8.1.2.1.4	**EPA Sample ID is incorrect on the RIC for Continuing Calibration Standard.**					
Associated Samples:	**F9M02**					
Comments:	**The raw data (RIC and Quant report) for SSTD0.4G2 does not match the Form VII. This is valid for SSTD0.4G1 also.**					
SSTD0.4G2						

Pg 1336 and 1337

Should Read

SSTD 0.4G1

PG 1339 and 1340

Should Read

SSTD0.4G2

9754753

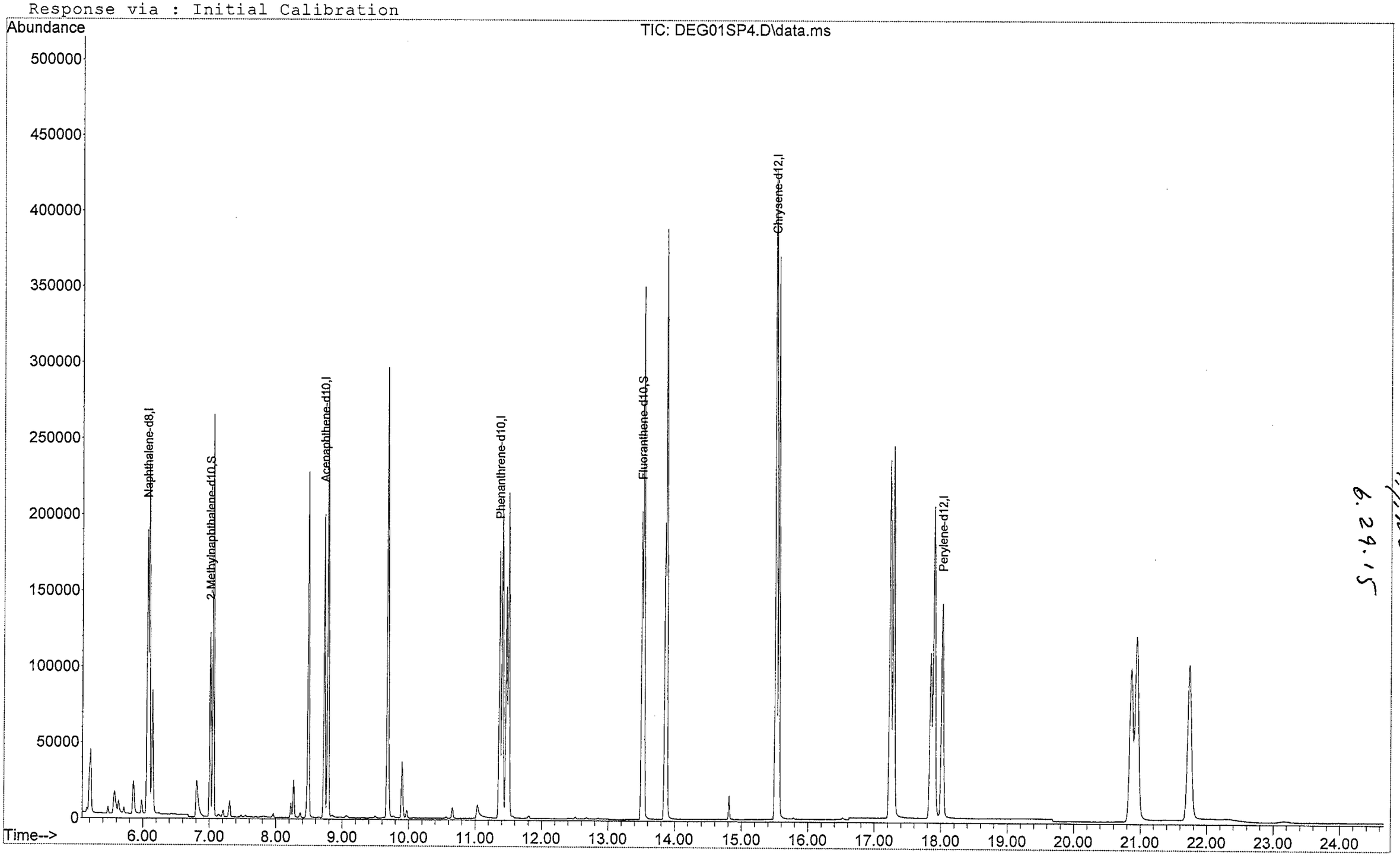
Quantitation Report

Data File : R:\D\2015\JUN15\18JUN15\DEG01SP4.D
Acq On : 06/18/2015 10:45
Sample : SSTD0.4G1 28416
Misc : . X6-19-15
MS Integration Params: rteint.p

Vial: 1
Operator: DJC
Inst : 5975-D
Injection volume : 1uL
Column Identifier: DB-5MS

Quant Time: Jun 18 11:10:25 2015 Results File: DSOM_SIMJ2.RES

Method : R:\D\METHODS\DSOM_SIMJ2.M (RTE Integrator)
Title : EPA/CLP SOM01 PNA & PCP by SIM
Last Update : Wed Apr 08 13:45:23 2015
Response via : Initial Calibration



13368

Quantitation Report

Data File : R:\D\2015\JUN15\18JUN15\DEG01SP4.D Vial: 1
Acq On : 06/18/2015 10:45 Operator: DJC
Sample : SSTD0.4G1 28416 Inst : 5975-D
Misc : . X6-19-15 Injection volume : 1uL
MS Integration Params: rteint.p Column Identifier: DB-5MS
Quant Time: Jun 18 11:10:25 2015 Results File: DSOM_SIMJ2.RES

Method : R:\D\METHODS\DSOM_SIMJ2.M (RTE Integrator)
Title : EPA/CLP SOM01 PNA & PCP by SIM
Last Update : Wed Apr 08 13:45:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units
1) Naphthalene-d8	6.06	136	216201	0.40 ug/ml
5) Acenaphthene-d10	8.73	164	137049	0.40 ug/ml
9) Phenanthrene-d10	11.36	188	244535	0.40 ug/ml
15) Chrysene-d12	15.52	240	266570	0.40 ug/ml
19) Perylene-d12	18.02	264	252114	0.40 ug/ml
System Monitoring Compounds				
3) 2-Methylnaphthalene-d10	7.01	152	129585	0.371ug/mL
13) Fluoranthene-d10	13.50	212	237453	0.355ug/mL
Target Compounds				Qvalue
2) Naphthalene	6.09	128	197630	0.351ug/ml 97
4) 2-Methylnaphthalene	7.05	142	131769	0.363ug/ml 98
6) Acenaphthylene	8.49	152	214576	0.358ug/ml 97
7) Acenaphthene	8.78	153	136348	0.355ug/ml 99
8) Fluorene	9.68	166	156786	0.352ug/ml 100
10) Pentachlorophenol	11.04	266	10890	0.297ug/ml 100
11) Phenanthrene	11.41	178	237182	0.337ug/ml 98
12) Anthracene	11.50	178	231730	0.338ug/ml 97
14) Fluoranthene	13.53	202	274849	0.343ug/ml 88
16) Pyrene	13.88	202	292961	0.350ug/ml 87
17) Benzo(a)anthracene	15.51	228	263682	0.371ug/ml 98
18) Chrysene	15.56	228	257102	0.342ug/ml 97
20) Benzo(b)fluoranthene	17.24	252	262492	0.334ug/ml 100
21) Benzo(k)fluoranthene	17.29	252	261893	0.322ug/ml 100
22) Benzo(a)pyrene	17.90	252	250737	0.334ug/ml 99
23) Indeno(1,2,3-c,d)pyrene	20.86	276	247505	0.377ug/ml 100
24) Dibenzo(a,h)anthracene	20.94	278	256896	0.353ug/ml 98
25) Benzo(g,h,i)perylene	21.74	276	272266	0.368ug/ml 70

(m) = manual integration
(*) Does not meet EPA spectral criteria (False Hit)

1337R

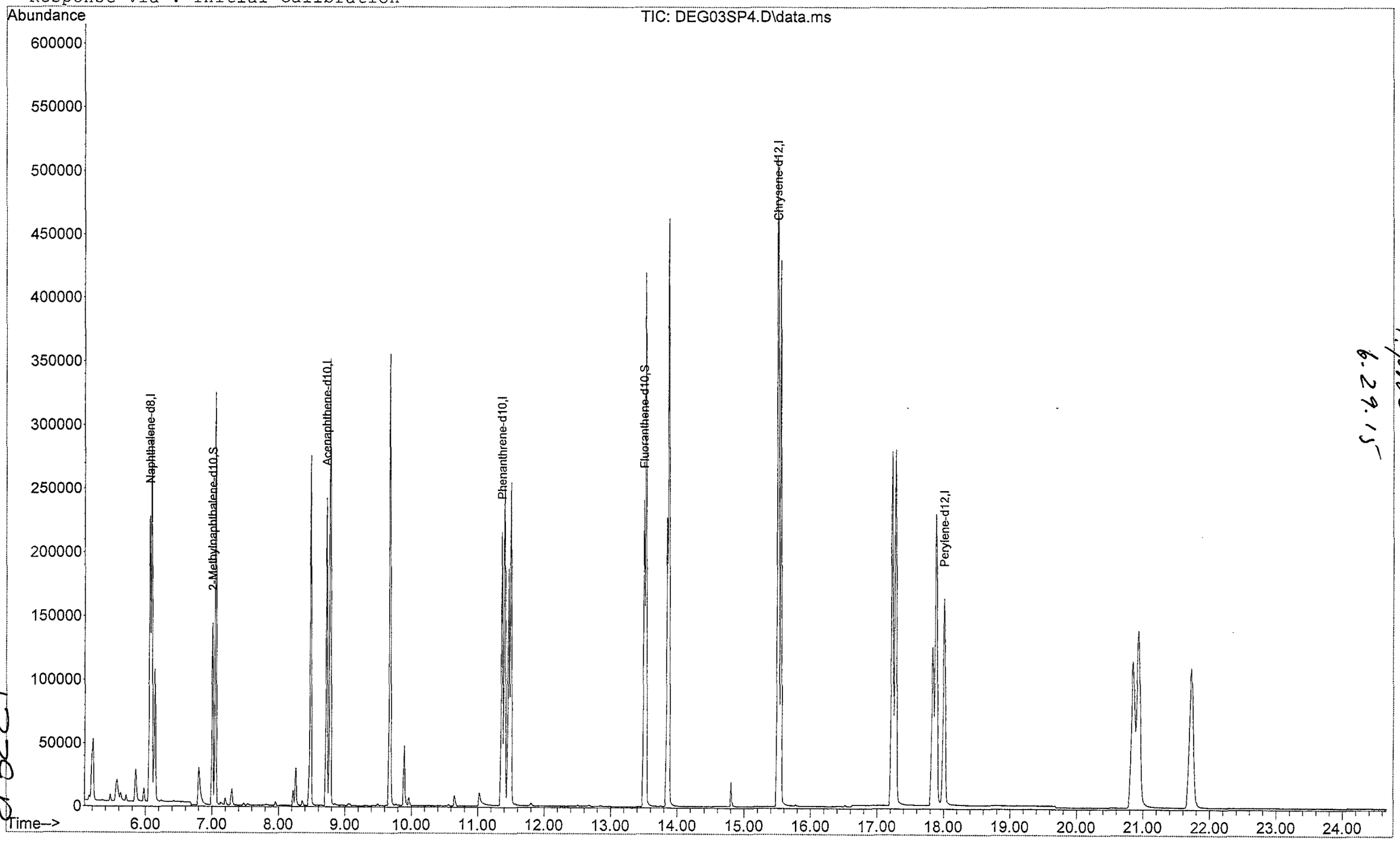
Quantitation Report

Data File : R:\D\2015\JUN15\18JUN15\DEG03SP4.D
Acq On : 06/18/2015 12:18
Sample : SSTD0.4G2 28416
Misc : . X6-19-15
MS Integration Params: rteint.p

Vial: 1
Operator: DJC
Inst : 5975-D
Injection volume : 1uL
Column Identifier: DB-5MS

Quant Time: Jun 18 12:43:07 2015 Results File: DSOM_SIMJ2.RES

Method : R:\D\METHODS\DSOM_SIMJ2.M (RTE Integrator)
Title : EPA/CLP SOM01 PNA & PCP by SIM
Last Update : Wed Apr 08 13:45:23 2015
Response via : Initial Calibration



6-29-15

15392

Quantitation Report

Data File : R:\D\2015\JUN15\18JUN15\DEG03SP4.D Vial: 1
Acq On : 06/18/2015 12:18 Operator: DJC
Sample : SSTD0.4G2 28416 Inst : 5975-D
Misc : . X6-19-15 Injection volume : 1uL
MS Integration Params: rteint.p Column Identifier: DB-5MS
Quant Time: Jun 18 12:43:07 2015 Results File: DSOM_SIMJ2.RES

Method : R:\D\METHODS\DSOM_SIMJ2.M (RTE Integrator)
Title : EPA/CLP SOM01 PNA & PCP by SIM
Last Update : Wed Apr 08 13:45:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	
1) Naphthalene-d8	6.07	136	262062	0.40 ug/ml	
5) Acenaphthene-d10	8.72	164	165515	0.40 ug/ml	
9) Phenanthrene-d10	11.36	188	292698	0.40 ug/ml	
15) Chrysene-d12	15.52	240	314035	0.40 ug/ml	
19) Perylene-d12	18.01	264	290695	0.40 ug/ml	
System Monitoring Compounds					
3) 2-Methylnaphthalene-d10	7.01	152	156993	0.371ug/mL	
13) Fluoranthene-d10	13.50	212	280000	0.350ug/mL	
Target Compounds					Qvalue
2) Naphthalene	6.09	128	239702	0.351ug/ml	95
4) 2-Methylnaphthalene	7.05	142	159659	0.363ug/ml	99
6) Acenaphthylene	8.49	152	259707	0.359ug/ml	97
7) Acenaphthene	8.78	153	165548	0.357ug/ml	99
8) Fluorene	9.68	166	189131	0.352ug/ml	100
10) Pentachlorophenol	11.03	266	12376	0.282ug/ml	100
11) Phenanthrene	11.40	178	284345	0.337ug/ml	98
12) Anthracene	11.50	178	279286	0.341ug/ml	97
14) Fluoranthene	13.53	202	325518	0.339ug/ml	88
16) Pyrene	13.88	202	345054	0.350ug/ml	88
17) Benzo(a)anthracene	15.50	228	309857	0.370ug/ml	98
18) Chrysene	15.55	228	302988	0.342ug/ml	97
20) Benzo(b)fluoranthene	17.23	252	298890	0.330ug/ml	98
21) Benzo(k)fluoranthene	17.28	252	308579	0.329ug/ml	99
22) Benzo(a)pyrene	17.89	252	289417	0.334ug/ml	99
23) Indeno(1,2,3-c,d)pyrene	20.85	276	280476	0.370ug/ml	100
24) Dibenzo(a,h)anthracene	20.93	278	288798	0.344ug/ml	98
25) Benzo(g,h,i)perylene	21.73	276	292152	0.343ug/ml	71

1340R

(m) = manual integration
(*) Does not meet EPA spectral criteria (False Hit)