ICAL Verification Checklist for LC/MS/MS Analysis

** This form is used to document primary review and secondary verification of all LC/MS/MS ICALs.*

ICAL Name: ICAL 07112018 **Instrument ID:** S ITHTQ

Primary Analyst Initials DD **Date** 7/12/18 **Method** ASB PROC 800 PFAS

Circle one

Y	N	NA	1.	An effort has been made to avoid manual integrations, however, if a manual integration is required, it has been documented and the before and after chromatograms are included.
Y	N	NA	2.	If any compound's concentration is higher or lower than what is printed on the ICAL summary table, a notation has been made on the summary table to indicate the appropriate compound concentration.
Y	N	NA	3.	Each calibration level is included.
Y	N	NA	4.	At least five points are used for a linear fit curve, six points for a quadratic fit curve, and seven points cubic fit curve for all analytes. For linear fits, the r^2 coefficient should be ≥ 0.98, for quadratic fits, r^2 should be ≥ 0.99 and for cubic fits, r^2 should be ≥ 0.99.
Y	N	NA	5.	All calculated calibration level concentrations should be within ±30% of the true concentration: except the lowest point on the curve which should be ±50%.
Y	N	NA	6.	The retention and the before and time window for the analytes should be within 5% of the mid-level standard.
Y	N	NA	7.	If an ICV (second source) is run for the ICAL, all concentrations should be within ±30% of the level of the ICAL for PFAS and within ±40% for Herbicides.
Y	N	NA	8.	If required, reagent blanks are run immediately before and after the ICAL.
Y	N	NA	9.	Regarding any PFAS analyses needing an ICAL every sequence; if the attached ICAL is needed for multiply Projects and or multiple Work Orders, the applicable Projects numbers and Work Order numbers are listed in the comment section below. *
Y	N	NA	10.	A copy of the ICAL includes the following: the ICAL checklist sheet, the injection log, the calibration report for each analyte, the sample report for each level, and the instrument condition report (i.e., MassLYNX Quantify Experiment Report) for one of the levels or reagent blank. The injection log has also been added to the instrument injection logbook.

Comments: * See Attached logbook page
No ICAL or ICV qualifiers required
Except PFTeA - High in the ICV, but
not reportable. DJB 07.13.18
JG 7/13/18

Secondary Analyst: **Initials** JG **Date** 7/12/18

Y	N	NA	1.	All individual items listed above have been thoroughly verified validated against the requirements in the method and/or technical SOP.
Y	N	NA	2.	All the items listed in #10 are included in the ICAL Packet.
Y	N	NA	3.	Manual integrations are both initialed by the primary and secondary reviewer, the original and manual integration are included in the packet.

Comments:

Some PFAS can be a mixture of isomers, dependent on the synthetic technique. Only a single peak can be automatically integrated by integration routines. Where present, all isomers have been manually integrated as a single peak. Automatic and manual integrations are shown.

Some PFAS have peak shoulders that sometimes are not integrated by the software. Where present, they have been manually integrated to include the entire peak including the shoulder. Both automatic and manual integrations are shown.

JG 7/12/18

VB 07/13/18

Sample ID	Acquisition Time	Acquisition Date
Instrument Blank 071118 1	11:44:08	11-Jul-18
Instrument Blank 071118 2	12:03:56	11-Jul-18
1000 ngL 8062814 071118	12:24:10	11-Jul-18
800 ngL 8062815 071118	12:44:24	11-Jul-18
600 ngL 8070801 071118	13:04:44	11-Jul-18
200 ngL 8062818 071118	13:24:58	11-Jul-18
100 ngL 8062819 071118	13:45:14	11-Jul-18
80 ngL 8062820 071118	14:05:30	11-Jul-18
40ngL 8062821 071118	14:25:51	11-Jul-18
20ngL 8062822 071118	14:46:06	11-Jul-18
400ngLSS 8061213 071118	15:06:21	11-Jul-18
1807008-BLK1	15:26:36	11-Jul-18
1807008-BLK2	15:46:51	11-Jul-18
1807008-BS1	16:07:07	11-Jul-18
1807008-PS1	16:27:21	11-Jul-18
1807008-PS2	16:47:38	11-Jul-18
E182306-01	17:07:57	11-Jul-18
E182306-02	17:28:14	11-Jul-18
E182306-03	17:48:28	11-Jul-18
E182306-04	18:08:44	11-Jul-18
E182306-05	18:29:00	11-Jul-18
E182306-06	18:49:18	11-Jul-18
E182306-07	19:09:32	11-Jul-18
E182306-08	19:29:49	11-Jul-18
E182306-09	19:50:07	11-Jul-18
1807008-MS1	20:10:23	11-Jul-18
1807008-MSD1	20:30:36	11-Jul-18
1807023-BLK1	20:50:53	11-Jul-18
1807023-BLK2	21:11:05	11-Jul-18
1807023-BS1	21:31:23	11-Jul-18
1807023-PS1	21:51:38	11-Jul-18
1807023-PS2	22:11:53	11-Jul-18
E182414-01	22:32:10	11-Jul-18
E182414-02	22:52:26	11-Jul-18
E182414-03	23:12:39	11-Jul-18
E182414-04	23:32:55	11-Jul-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	99.0	1.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
11.0	0.300	20.0	80.0	6
15.0	0.300	5.0	95.0	6
16.0	0.300	100.0	0.0	6
19.0	0.300	100.0	0.0	6

Run Time: 19.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**
Project(s): Chemours (18-0469); NC Reservoirs PFAS (18-0476)
Jordan Lake PFAS (18-0437)
WO:E182306; E182414; E182415 Batch(es): 1807008, 1807023
Analyst: J. Giles, D. Burdette

Sample ID	Acquisition Time	Acquisition Date
E182415-01	23:53:11	11-Jul-18
E182415-02	0:13:26	12-Jul-18
E182415-03	0:33:42	12-Jul-18
E182415-04	0:53:59	12-Jul-18
E182415-05	1:14:19	12-Jul-18
E182415-06	1:34:36	12-Jul-18
E182415-07	1:54:50	12-Jul-18
E182415-08	2:15:06	12-Jul-18
E182415-09	2:35:21	12-Jul-18
E182415-10	2:55:37	12-Jul-18
E182415-11	3:15:54	12-Jul-18
E182415-12	3:36:12	12-Jul-18
E182415-13	3:56:29	12-Jul-18
E182415-14	4:16:48	12-Jul-18
E182415-15	4:37:03	12-Jul-18
E182415-16	4:57:18	12-Jul-18
1807023-MS1	5:17:33	12-Jul-18
1807023-MSD1	5:37:48	12-Jul-18
600 ngL 8070801 071118 CCV	5:58:05	12-Jul-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	99.0	1.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
11.0	0.300	20.0	80.0	6
15.0	0.300	5.0	95.0	6
16.0	0.300	100.0	0.0	6
19.0	0.300	100.0	0.0	6

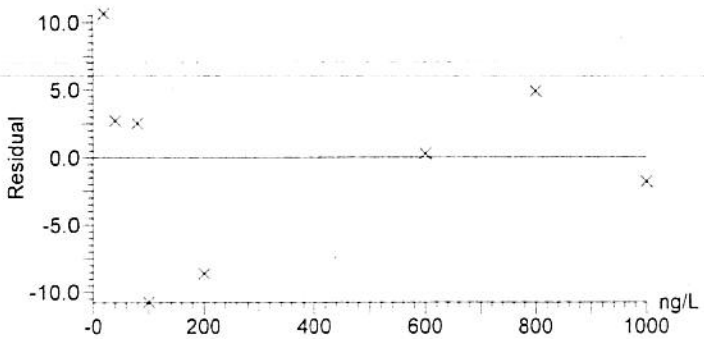
Run Time: 19.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

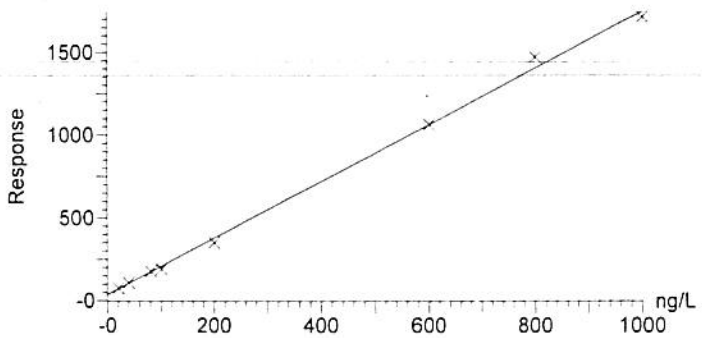
*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**
Project(s): Chemours (18-0469); NC Reservoirs PFAS (18-0476)
Jordan Lake PFAS (18-0437)
WO:E182306; E182414; E182415 Batch(es): 1807008, 1807023
Analyst: J. Giles, D. Burdette

Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

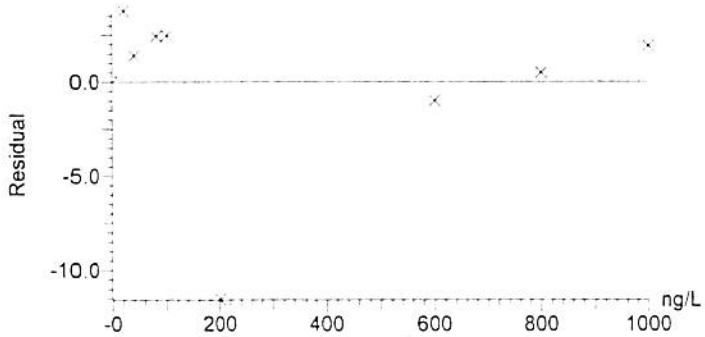
Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC 07112018.cdb 12 Jul 2018 10:09:26

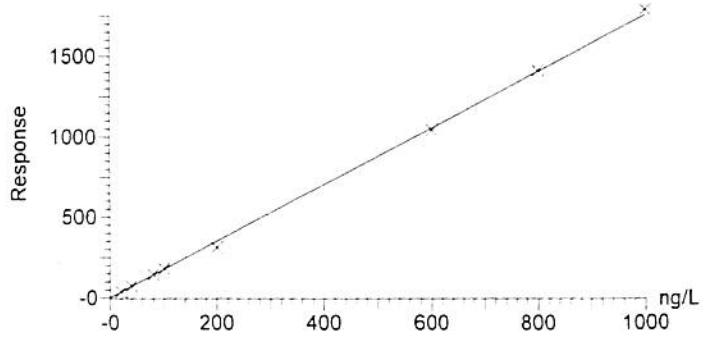
Compound name: PFBA
Correlation coefficient: r = 0.998846, r^2 = 0.997693
Calibration curve: 1.70653 * x + 38.3356
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



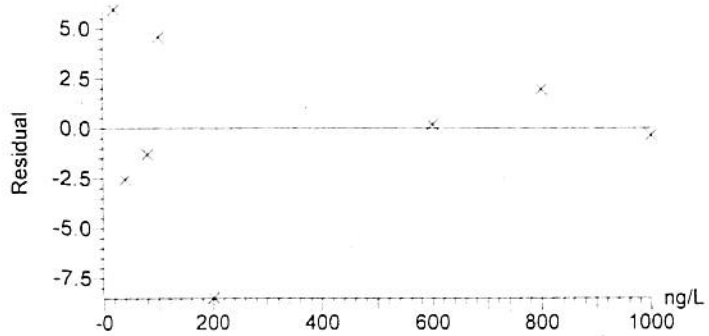


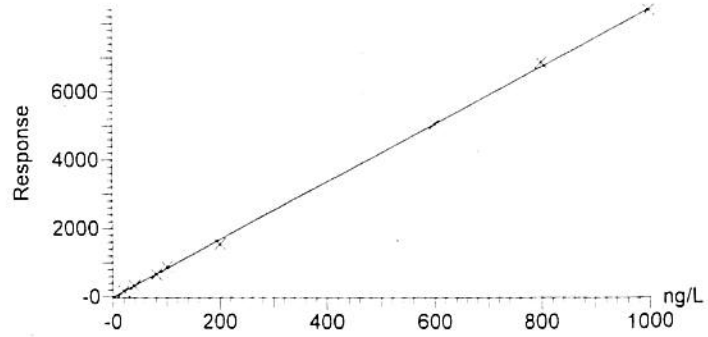
Compound name: PFBA (M+4)
Correlation coefficient: r = 0.999273, r^2 = 0.998547
Calibration curve: 1.75609 * x + 2.91246
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



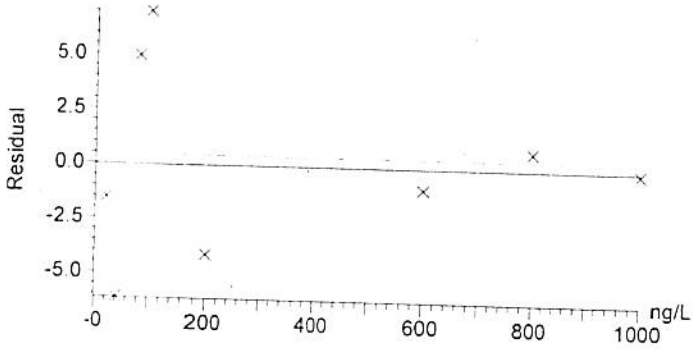


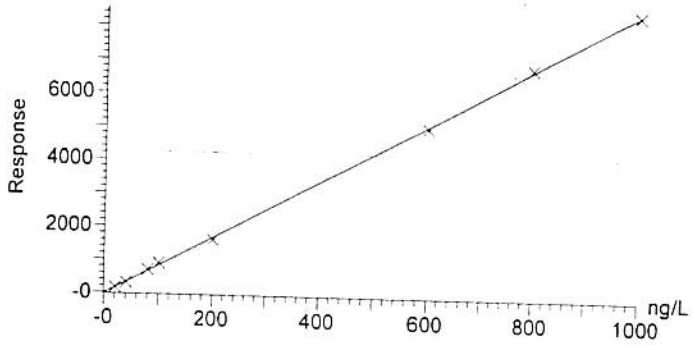
Compound name: PFPeA
Correlation coefficient: r = 0.999536, r^2 = 0.999073
Calibration curve: 8.42702 * x + -6.71771
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



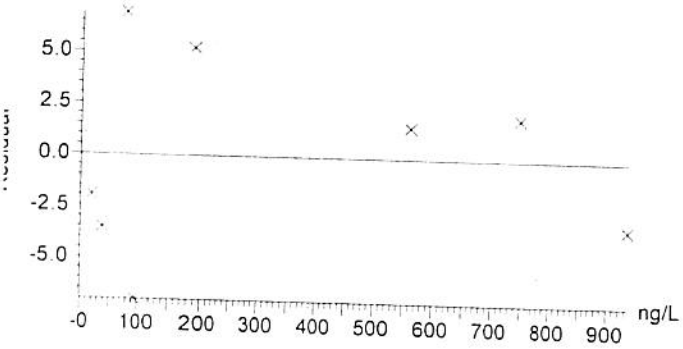


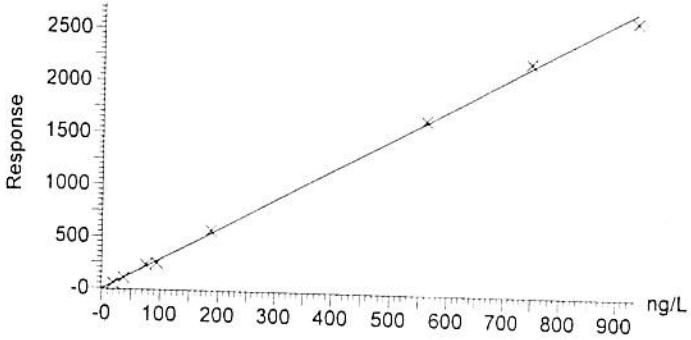
Compound name: PFPeA (M+5)
Correlation coefficient: r = 0.999711, r^2 = 0.999423
Calibration curve: 8.53452 * x + -13.0326
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



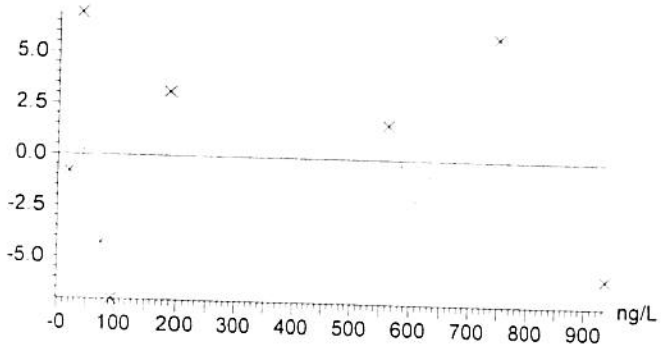


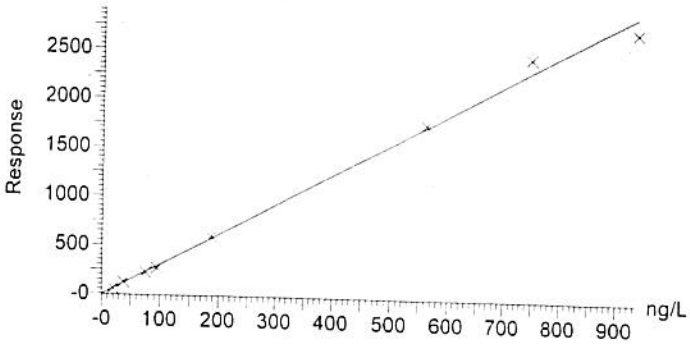
Compound name: 4:2 FTS
Correlation coefficient: r = 0.999328, r^2 = 0.998656
Calibration curve: 2.93129 * x + -3.64464
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





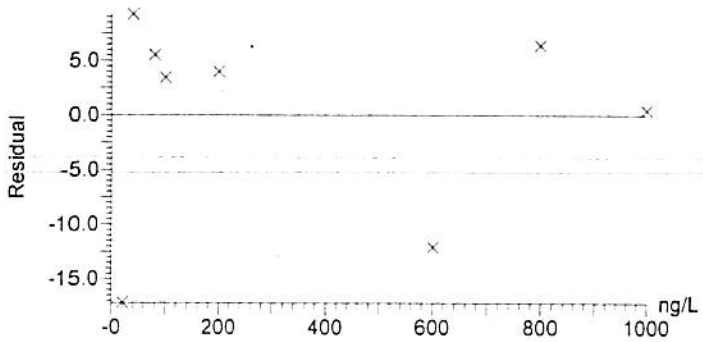
ompound name: 4:2 FTS (M+2)
orrelation coefficient: r = 0.998366, r^2 = 0.996735
alibration curve: 3.1099 * x + -0.987059
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

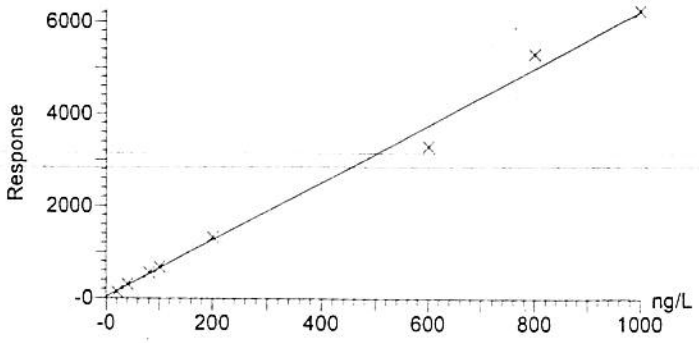




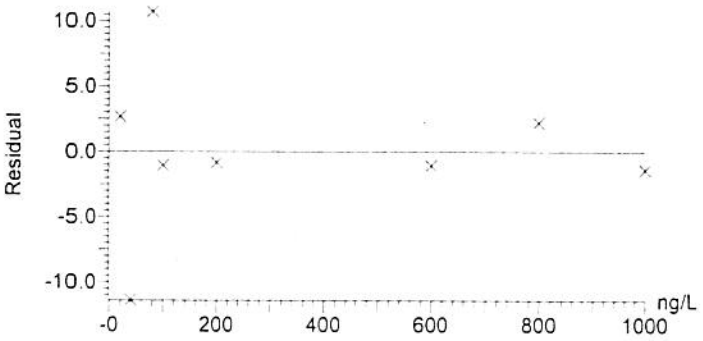
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

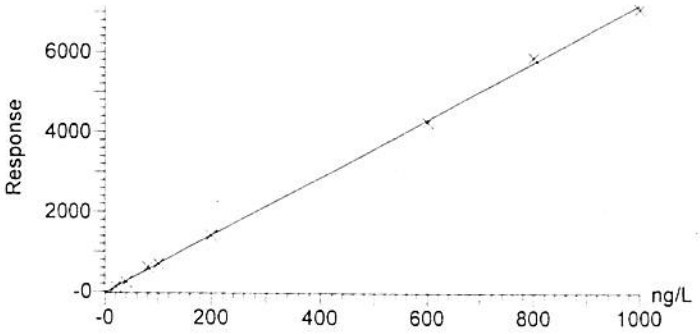
Compound name: PFHxA
Correlation coefficient: r = 0.996962, r^2 = 0.993934
Calibration curve: 6.19834 * x + 28.1825
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



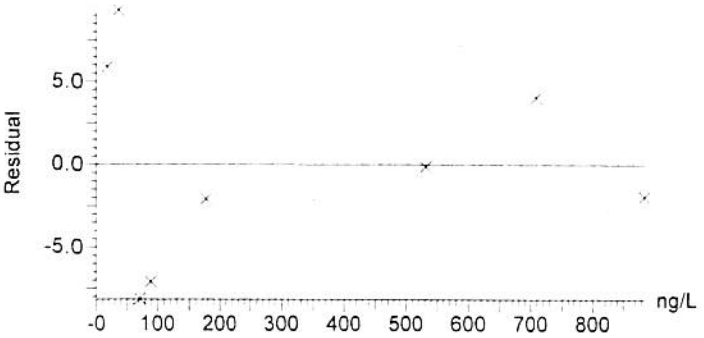


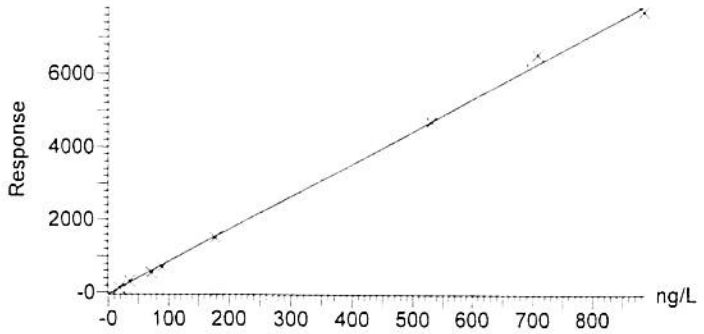
Compound name: PFHxA (M+5)
Correlation coefficient: r = 0.999525, r^2 = 0.999049
Calibration curve: 7.21829 * x + -22.3811
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





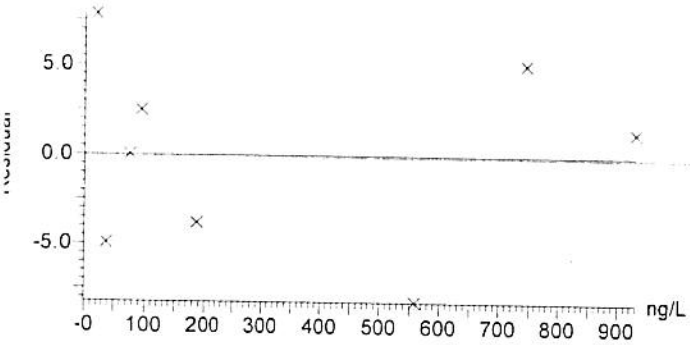
Compound name: PFBS
Correlation coefficient: r = 0.999277, r^2 = 0.998554
Calibration curve: 8.92456 * x + -32.9559
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

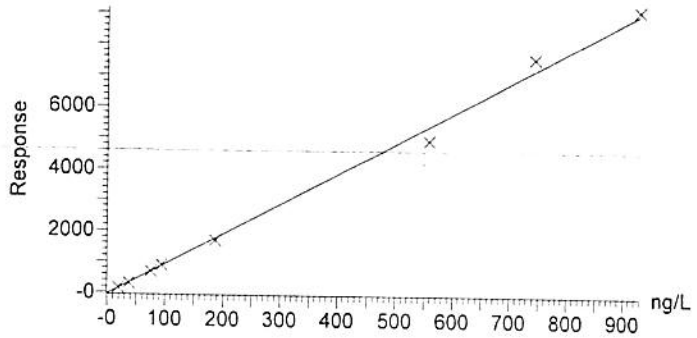




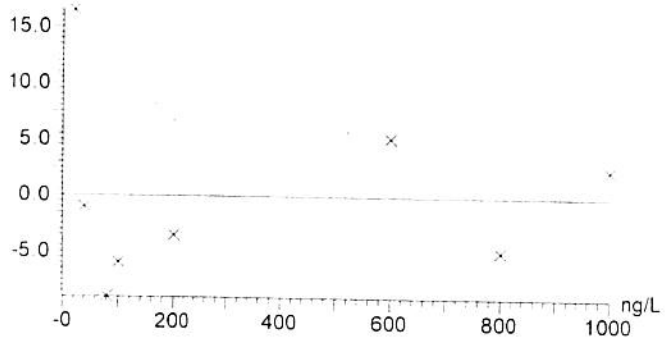
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

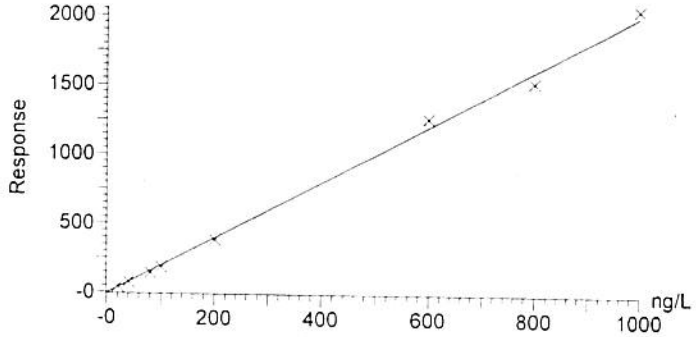
Compound name: PFBS (M+3)
Correlation coefficient: r = 0.998466, r^2 = 0.996934
Calibration curve: 9.75145 * x + -40.307
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



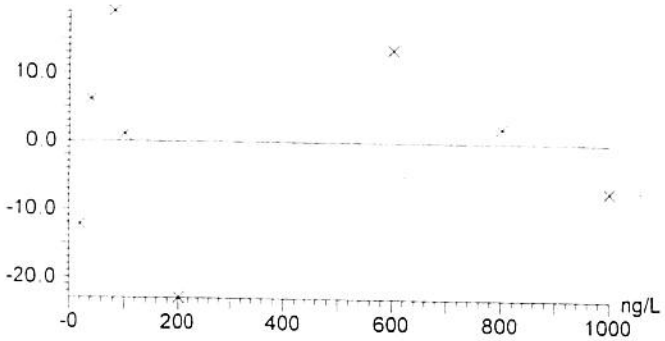


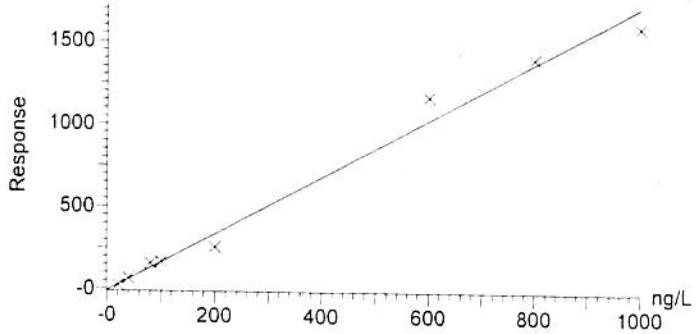
ompound name: HFPO-DA
orrelation coefficient: r = 0.998676, r^2 = 0.997353
alibration curve: 2.01286 * x + -3.25396
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





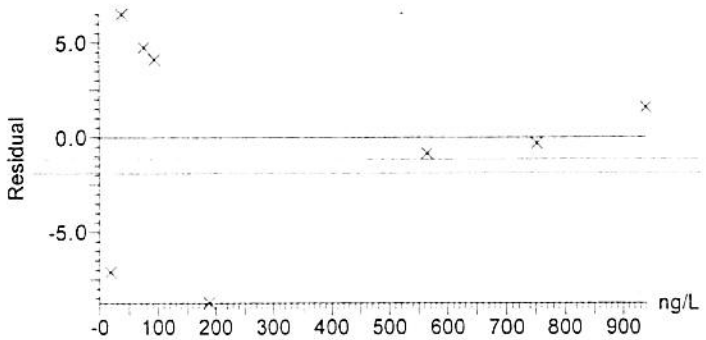
ompound name: HFPO-DA (M+3)
orrelation coefficient: r = 0.993296, r^2 = 0.986636
alibration curve: 1.72963 * x + -7.58701
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

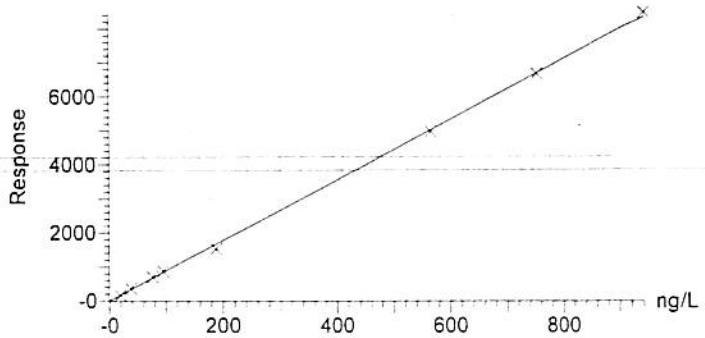




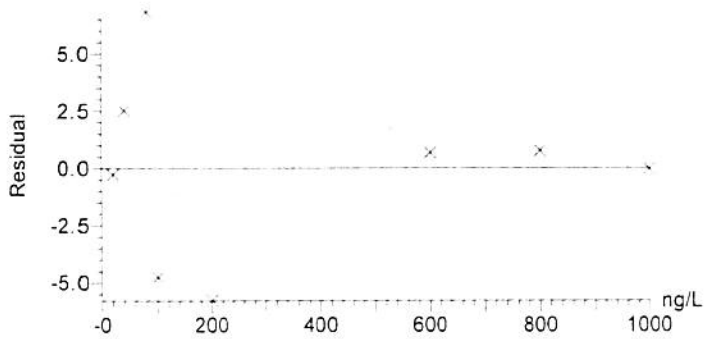
Quantity Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

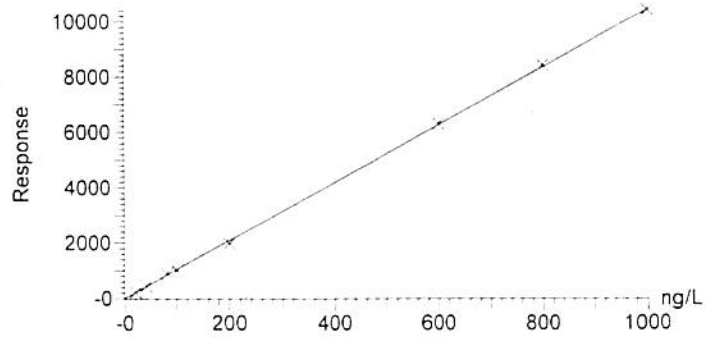
Compound name: PFPeS
Correlation coefficient: r = 0.999456, r^2 = 0.998912
Calibration curve: 8.89121 * x + 1.43025
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



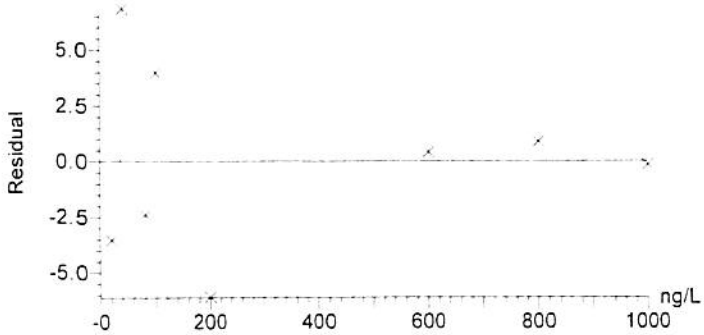


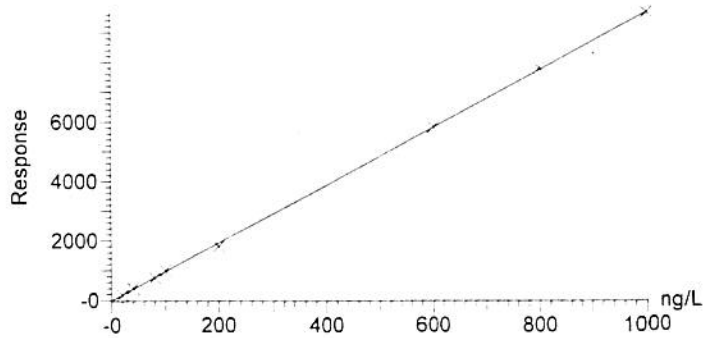
Compound name: PFHpA
Correlation coefficient: r = 0.999696, r^2 = 0.999392
Calibration curve: 10.421 * x + 12.6194
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





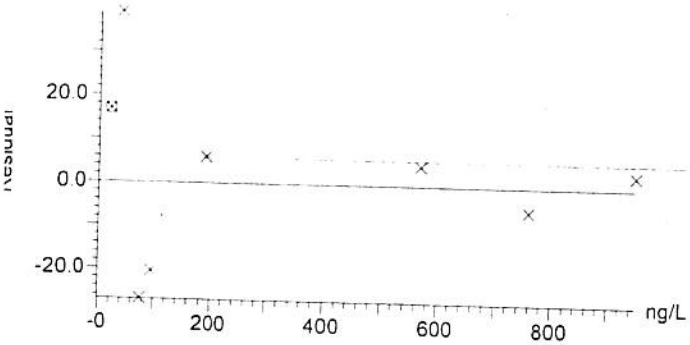
Compound name: PFHpA (M+4)
Correlation coefficient: r = 0.999725, r^2 = 0.999450
Calibration curve: 9.67595 * x + -12.9471
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

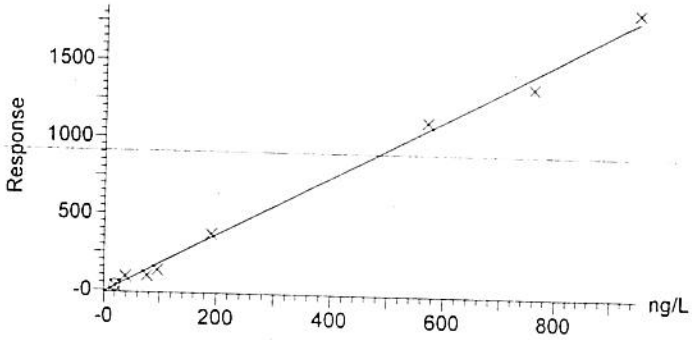




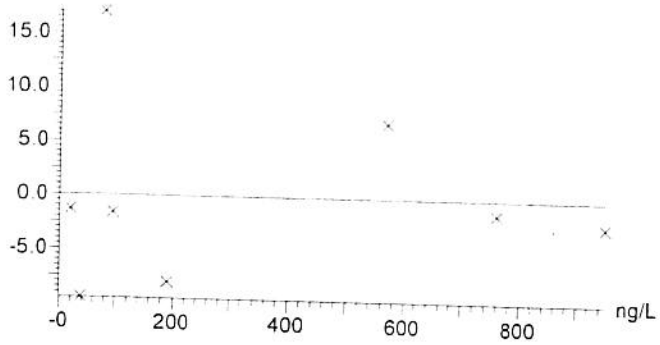
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

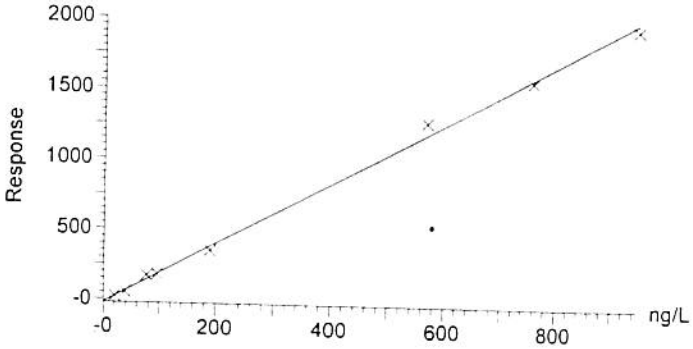
Compound name: 6:2 FTS
Correlation coefficient: r = 0.994566, r^2 = 0.989161
Calibration curve: 1.89406 * x + -9.20046
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



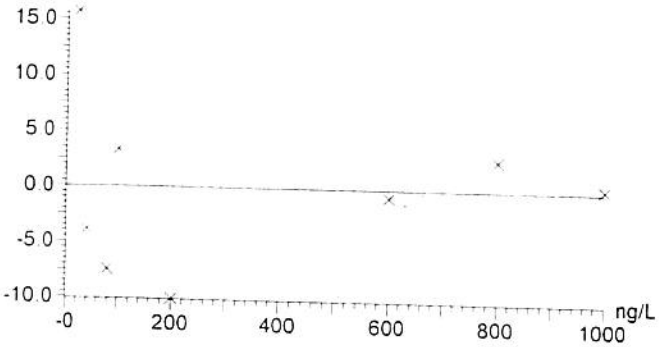


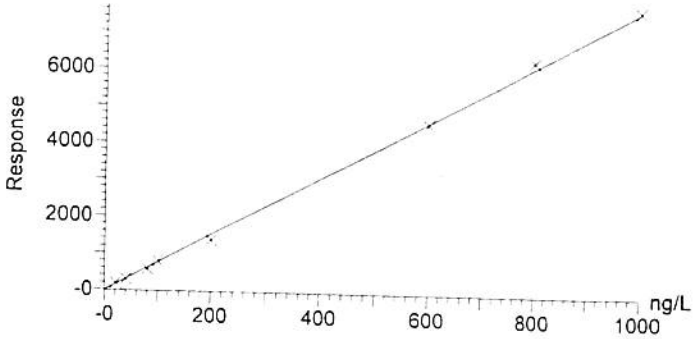
Compound name: 6:2 FTS (M+2)
Correlation coefficient: r = 0.998304, r^2 = 0.996610
Calibration curve: 2.12644 * x + -18.4494
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





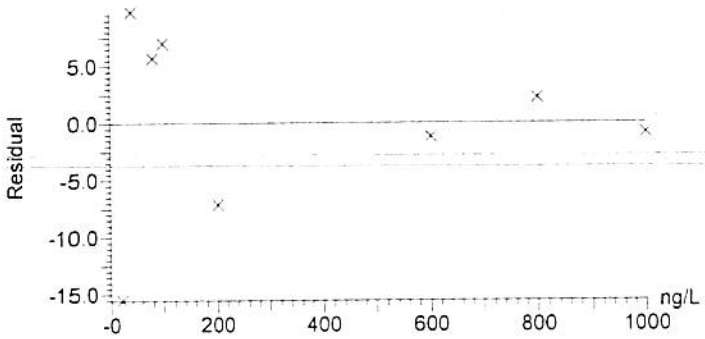
Compound name: PFOA
Correlation coefficient: r = 0.999158, r^2 = 0.998316
Calibration curve: 7.68756 * x + -1.43726
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

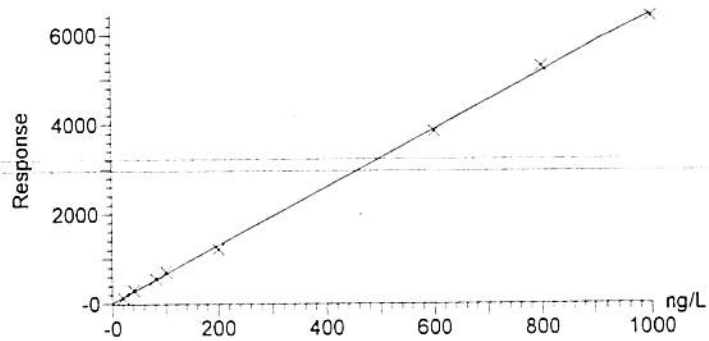




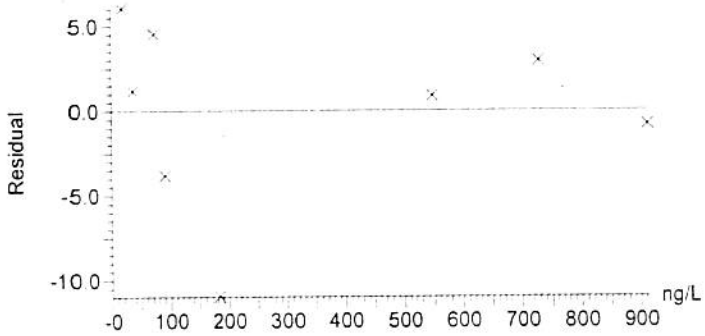
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

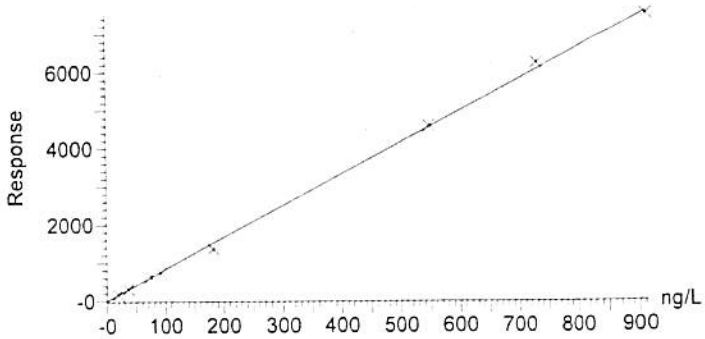
Compound name: PFOA (M+8)
Correlation coefficient: r = 0.999287, r^2 = 0.998574
Calibration curve: 6.43422 * x + 18.0451
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



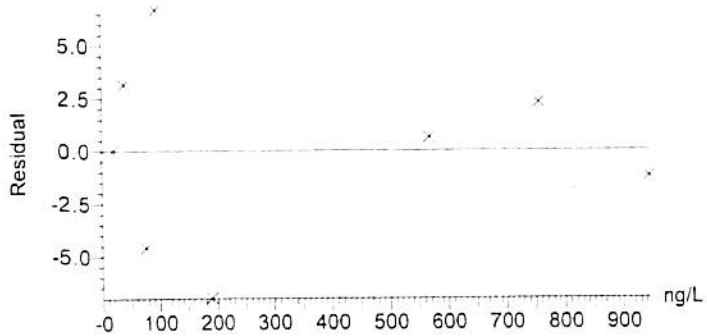


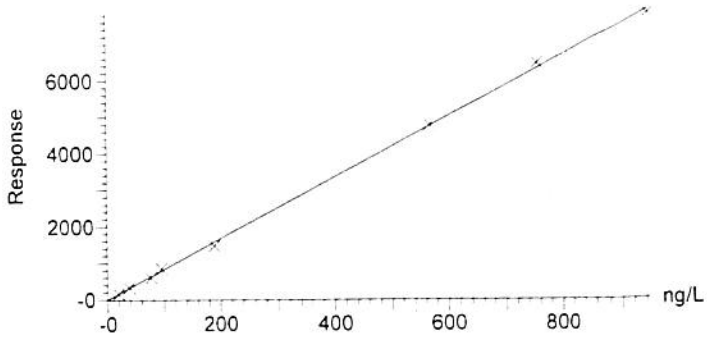
Compound name: PFHxS
Correlation coefficient: r = 0.999199, r^2 = 0.998399
Calibration curve: 8.29047 * x + 15.0515
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





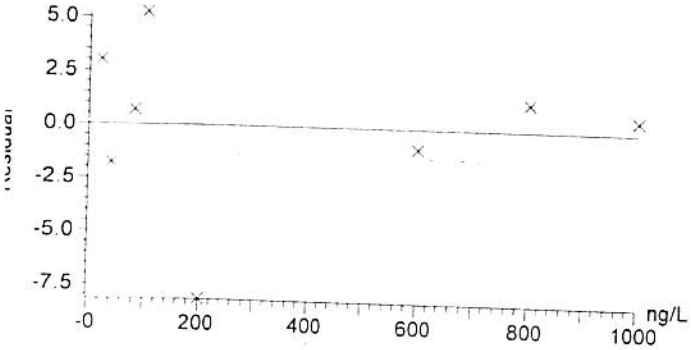
Compound name: PFHxS (M+3)
Correlation coefficient: r = 0.999506, r^2 = 0.999013
Calibration curve: 8.36432 * x + 1.56215
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

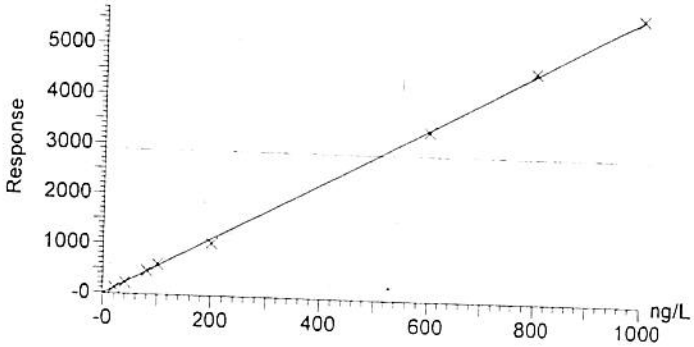




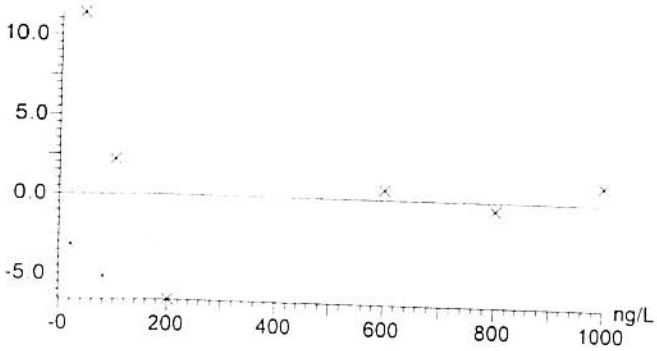
Quantify Calibration Report **MassLynx 4.1 SCN919**
nstrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

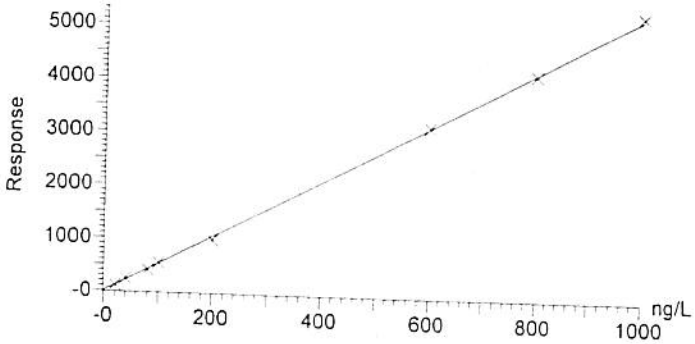
Compound name: PFNA
Correlation coefficient: r = 0.999586, r^2 = 0.999172
Calibration curve: 5.67336 * x + -6.48177
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



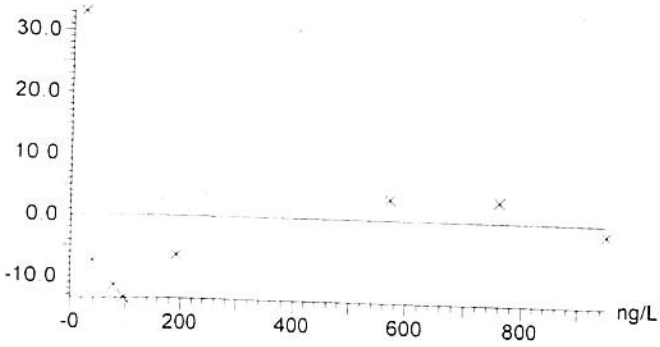


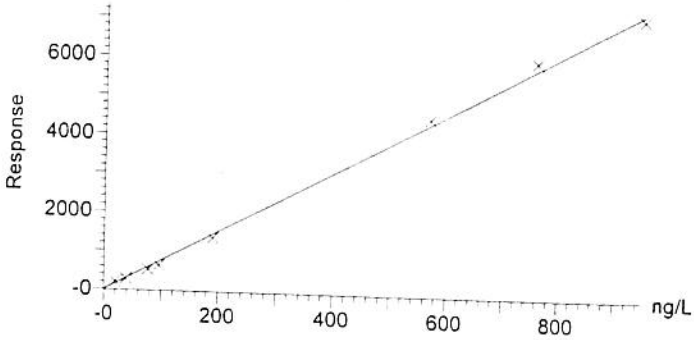
ompound name: PFNA (M+9)
orrelation coefficient: r = 0.999592, r^2 = 0.999185
alibration curve: 5.25739 * x + 10.2587
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





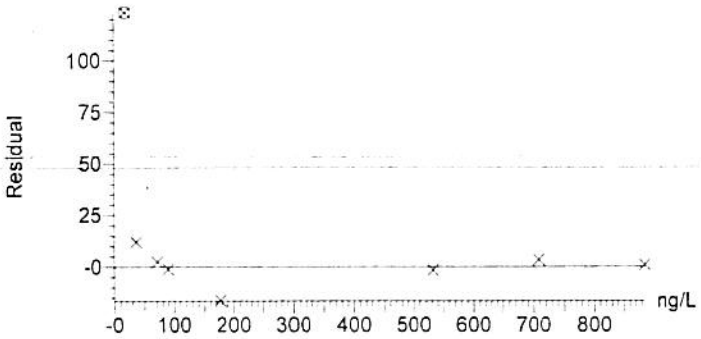
ompound name: PFHpS
orrelation coefficient: r = 0.998242, r^2 = 0.996488
alibration curve: 7.69774 * x + 3.61459
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

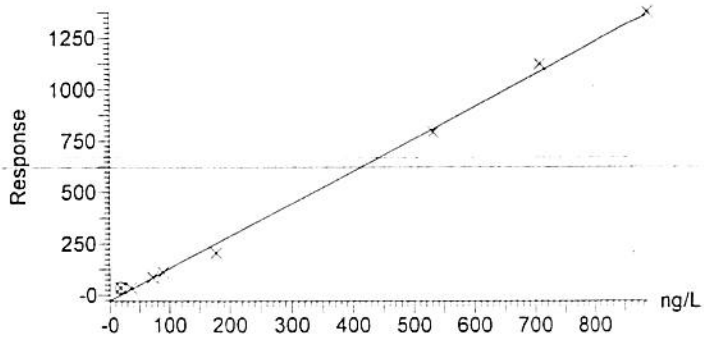




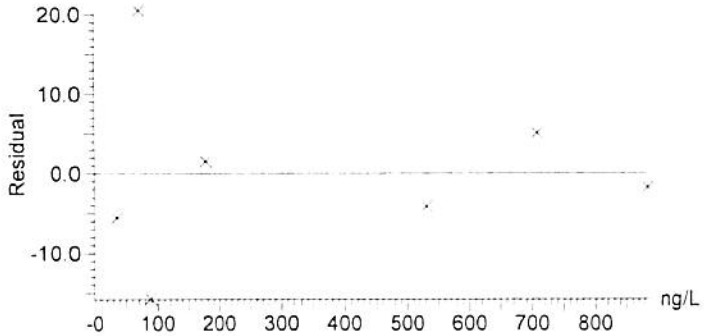
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

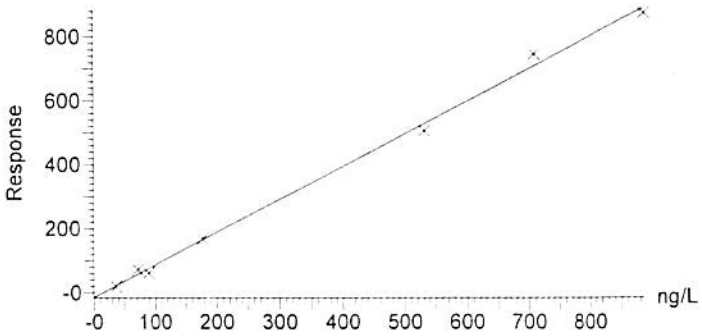
Compound name: 8:2 FTS
Correlation coefficient: r = 0.998184, r^2 = 0.996371
Calibration curve: 1.57151 * x + -26.3832
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



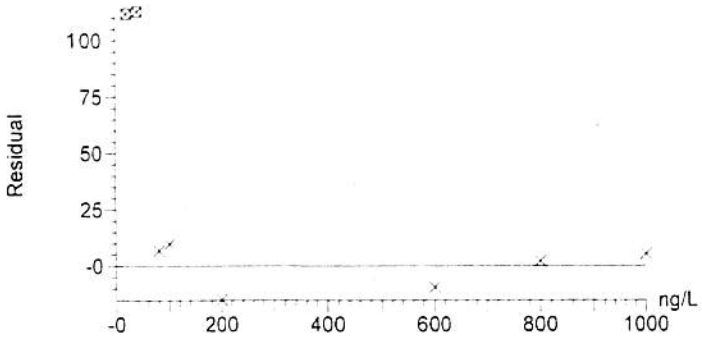


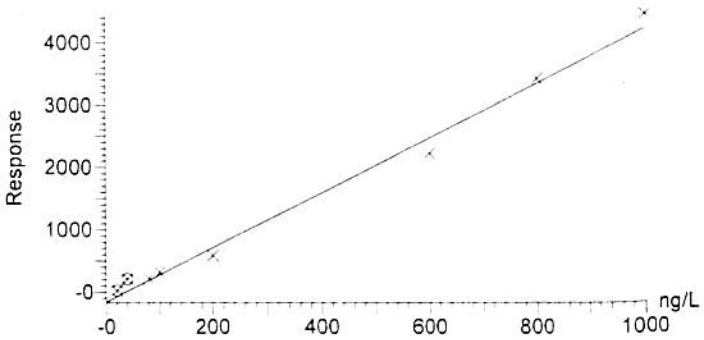
Compound name: 8:2 FTS (M+2)
Correlation coefficient: r = 0.997592, r^2 = 0.995190
Calibration curve: 1.02086 * x + -13.5396
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





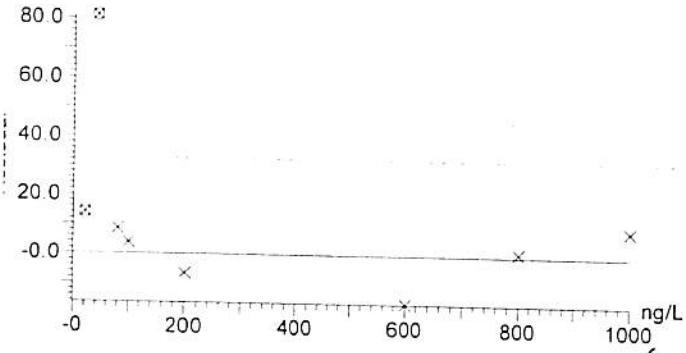
Compound name: PFDA
Correlation coefficient: r = 0.995651, r^2 = 0.991322
Calibration curve: 4.39044 * x + -161.362
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

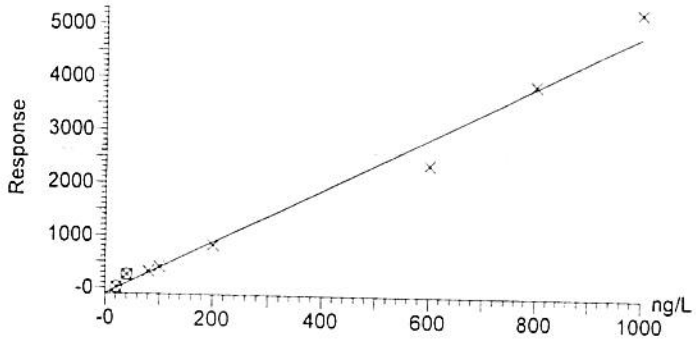




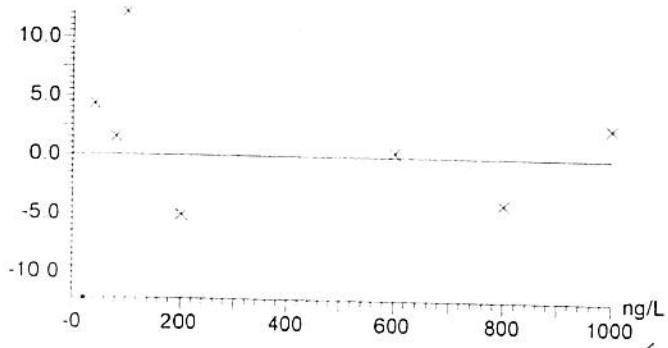
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

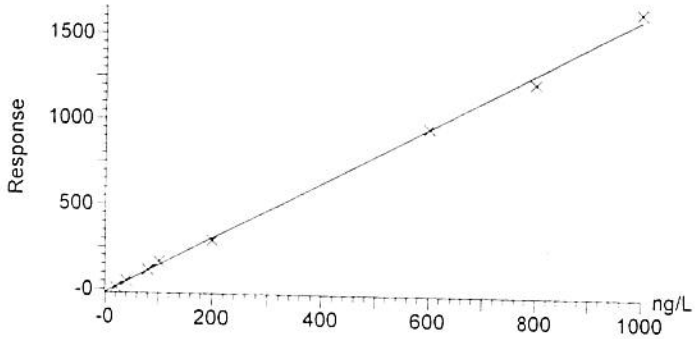
Compound name: PFDA (M+6)
Correlation coefficient: r = 0.992170, r^2 = 0.984401
Calibration curve: 4.95376 * x + -95.1638
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



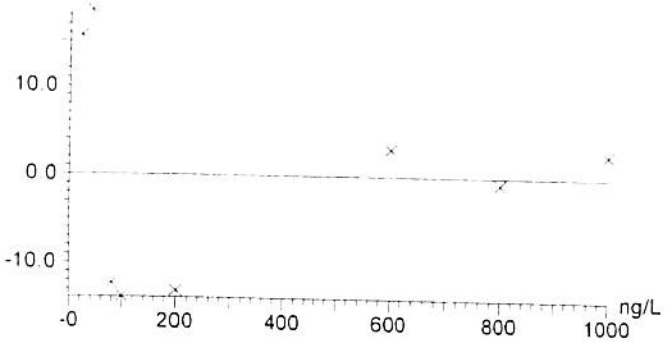


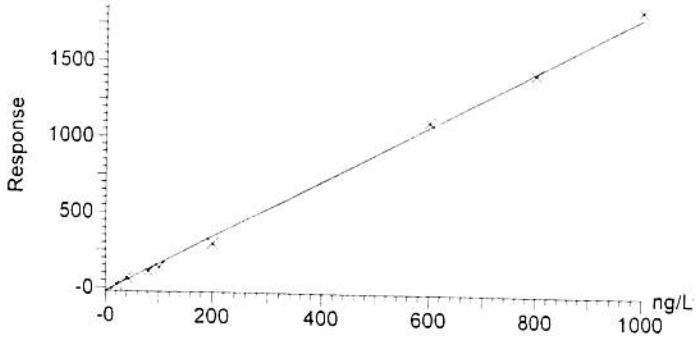
Compound name: N-MeFOSAA
Correlation coefficient: r = 0.999040, r^2 = 0.998082
Calibration curve: 1.62493 * x + -15.3172
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





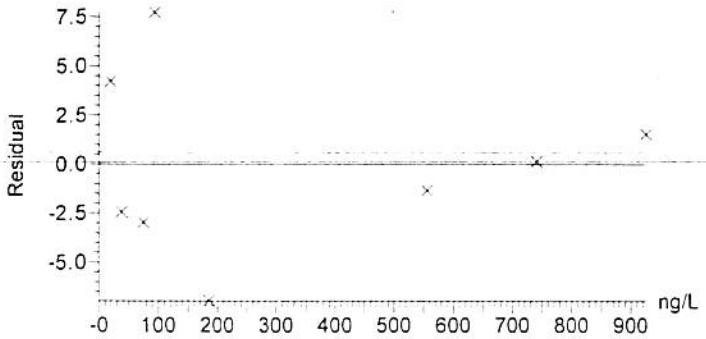
Compound name: N-MeFOSAA (M+3)
Correlation coefficient: r = 0.997818, r^2 = 0.995641
Calibration curve: 1.83692 * x + -17.8611
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

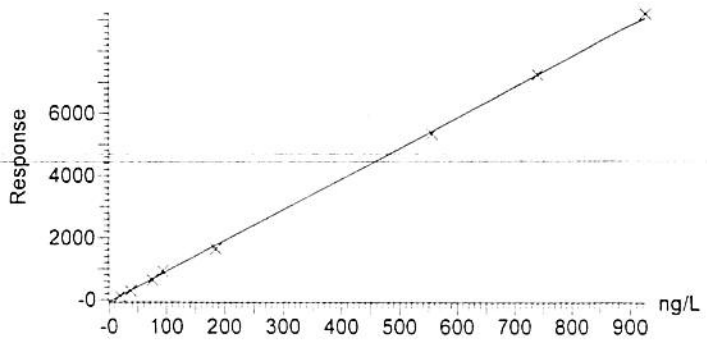




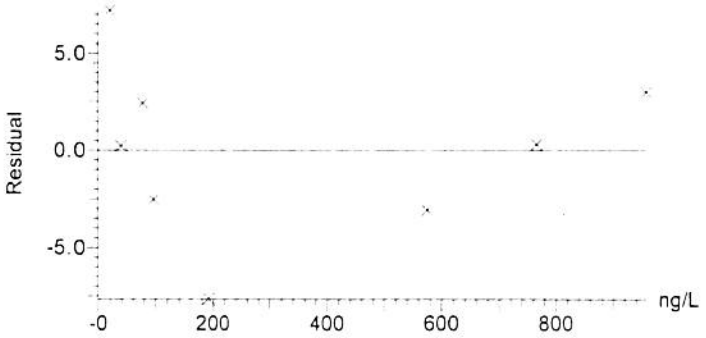
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

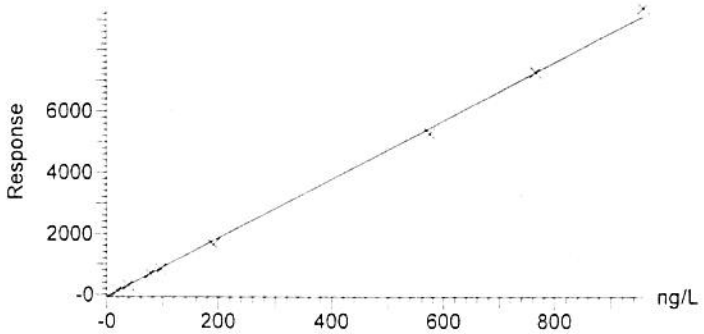
Compound name: PFOS
Correlation coefficient: r = 0.999544, r^2 = 0.999089
Calibration curve: 9.88739 * x + -57.8556
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



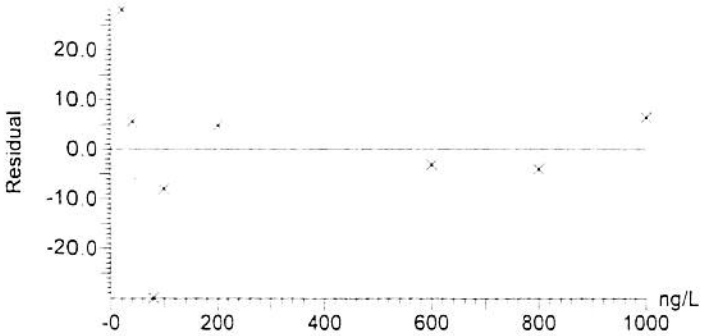


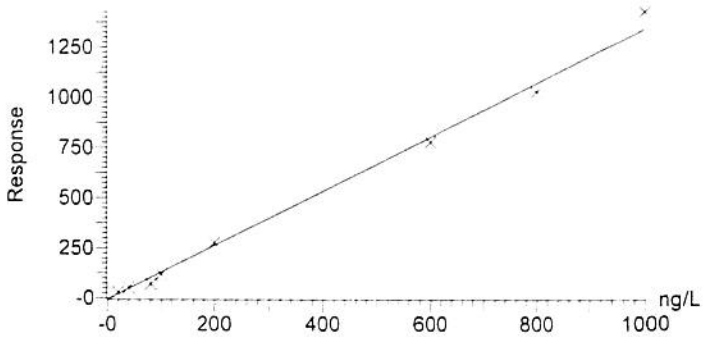
Compound name: PFOS (M+8)
Correlation coefficient: r = 0.999362, r^2 = 0.998725
Calibration curve: 9.57169 * x + -50.4147
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





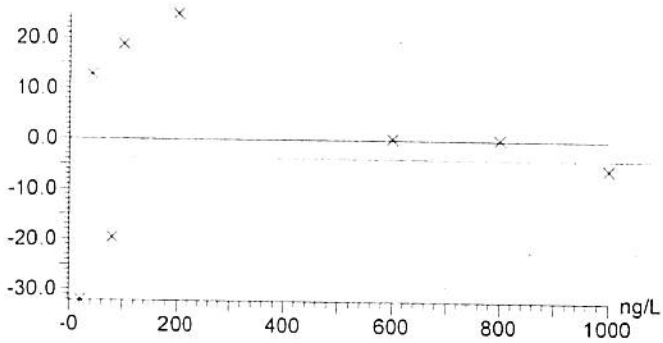
Compound name: N-EtFOSAA
Correlation coefficient: r = 0.996442, r^2 = 0.992897
Calibration curve: 1.34559 * x + -5.65354
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

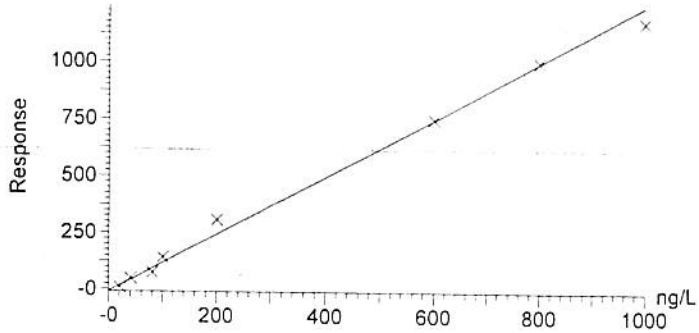




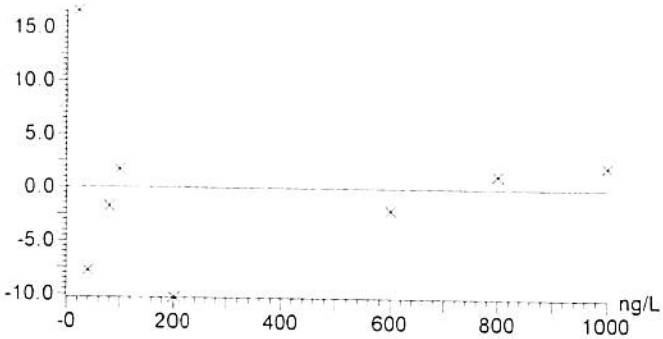
:uantify Calibration Report **MassLynx 4.1 SCN919**
ıstrument Name: S ITHTQ User: DB
ataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
ast Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
rinted: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

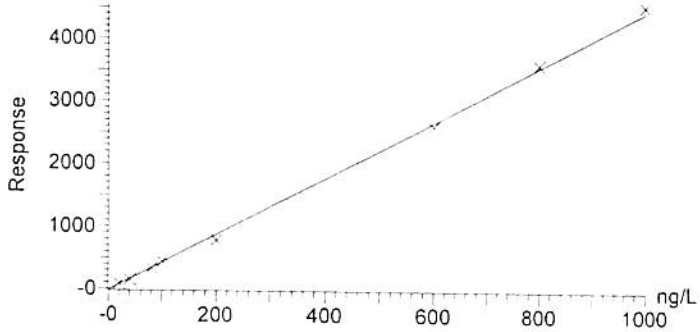
ompound name: N-EtFOSAA (M+5)
orrelation coefficient: r = 0.994501, r^2 = 0.989032
alibration curve: 1.25529 * x + -6.90787
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



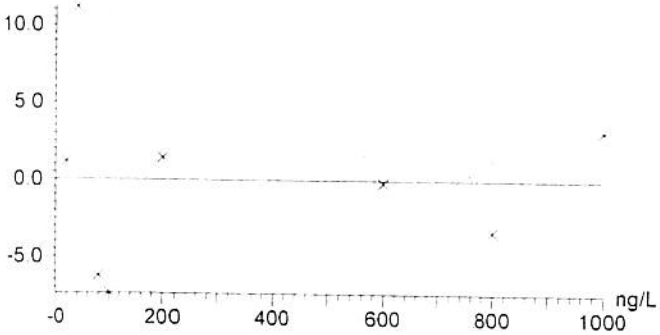


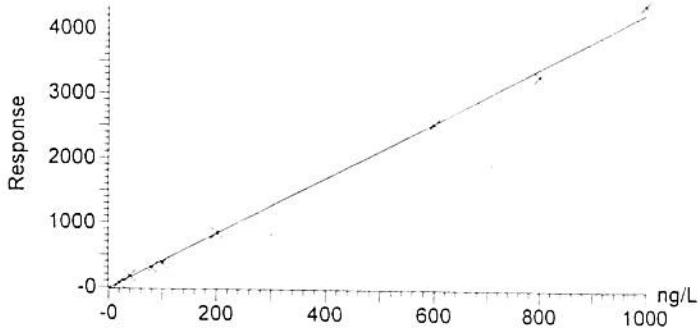
ɔmpound name: PFUnA
ɔrrelation coefficient: r = 0.999153, r^2 = 0.998306
ɜlibration curve: 4.46214 * x + -14.9669
ɜsponse type: External Std, Area
ırve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





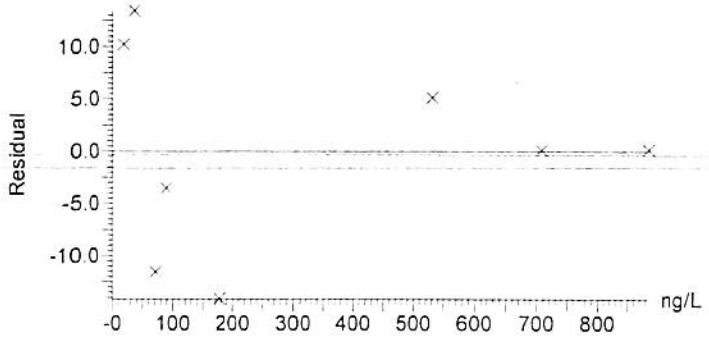
ımpound name: PFUnA (M+7)
ırrelation coefficient: r = 0.999260, r^2 = 0.998520
libration curve: 4.27829 * x + -19.2093
sponse type: External Std, Area
rve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

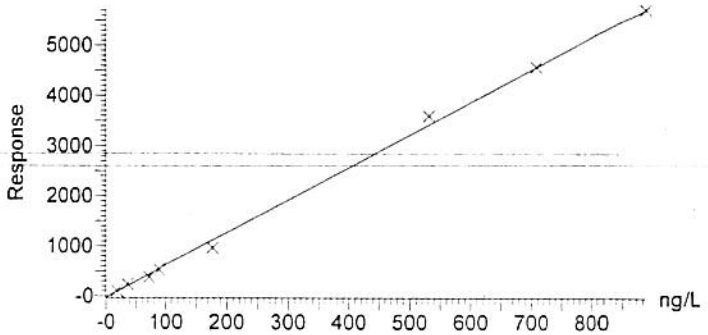




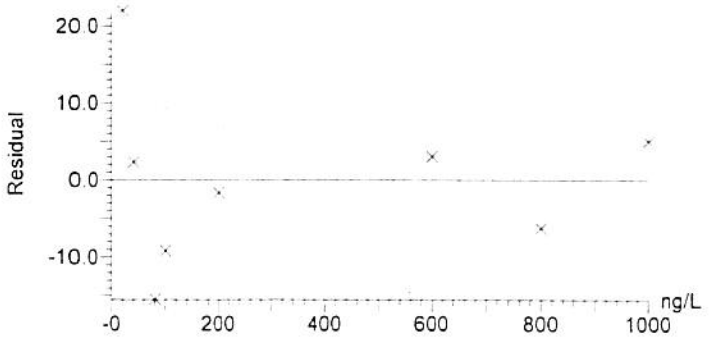
Quantify Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

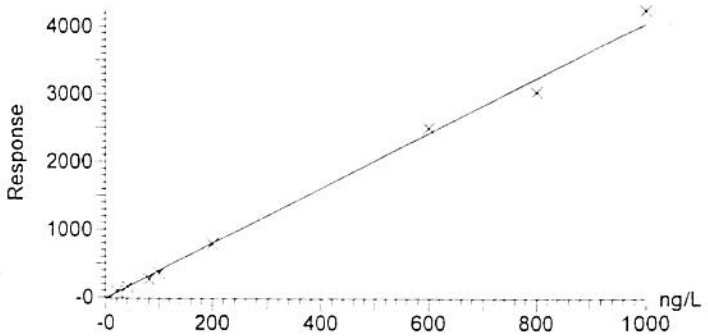
Compound name: PFNS
Correlation coefficient: r = 0.998287, r^2 = 0.996578
Calibration curve: 6.48573 * x + -20.4104
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



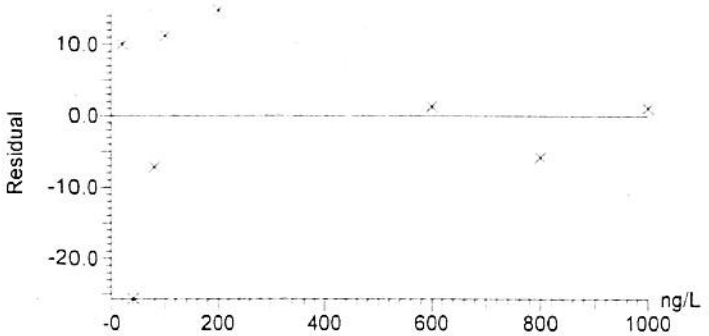


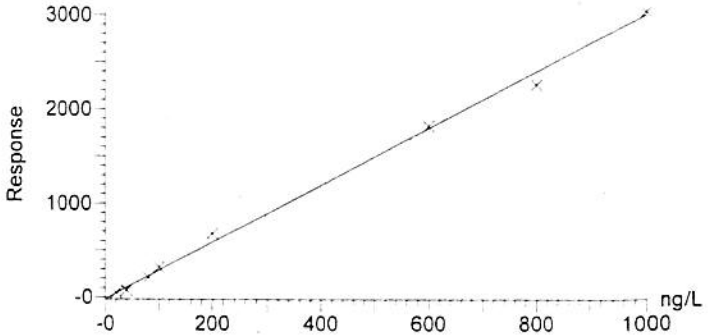
Compound name: PFDoA (M+2)
Correlation coefficient: r = 0.997774, r^2 = 0.995554
Calibration curve: 4.05991 * x + -10.9038
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





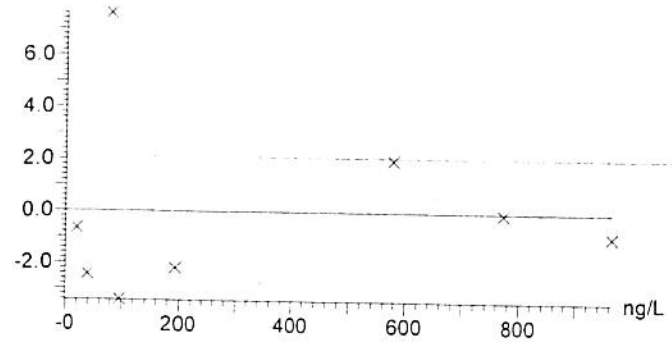
Compound name: PFDoA
Correlation coefficient: r = 0.997380, r^2 = 0.994767
Calibration curve: 3.02309 * x + -15.9728
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

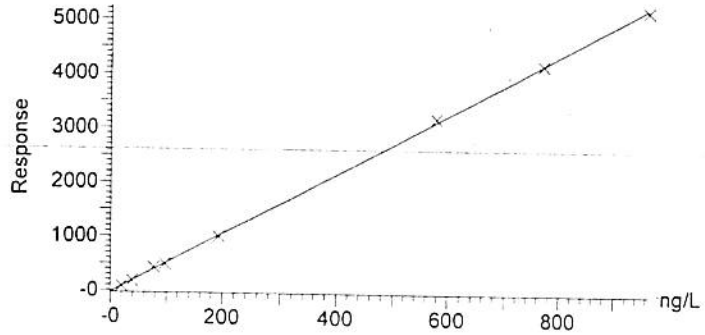




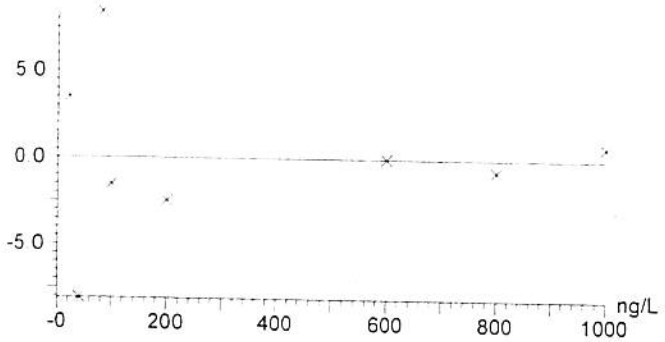
:uantify Calibration Report MassLynx 4.1 SCN919
ıstrument Name: S ITHTQ User: DB
ataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
ast Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
rinted: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

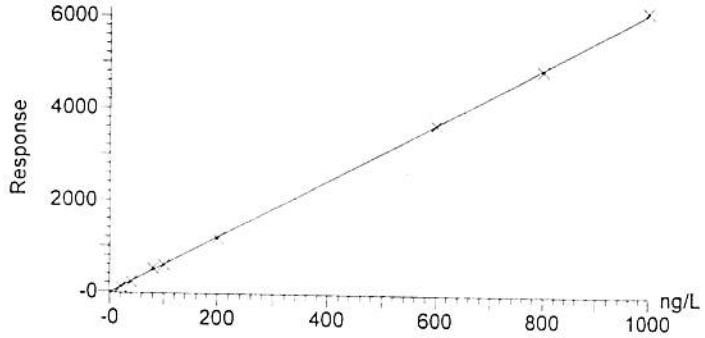
ompound name: PFDS
orrelation coefficient: r = 0.999772, r^2 = 0.999544
alibration curve: 5.46232 * x + -21.7955
esponse type: External Std, Area
urve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



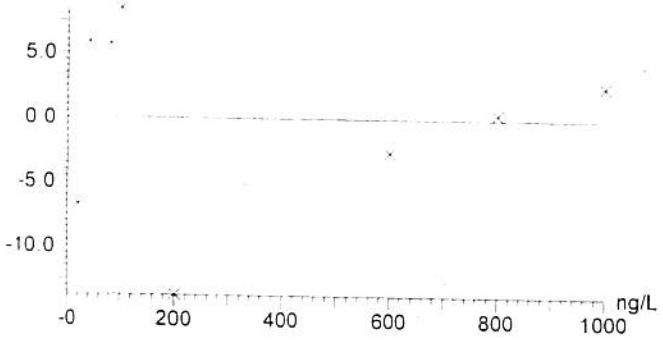


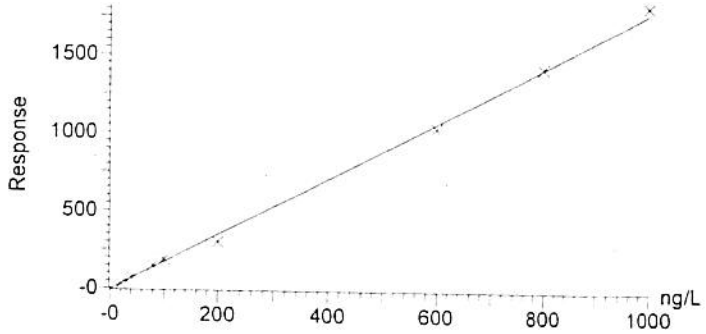
ɔmpound name: FOSA
ɔrrelation coefficient: r = 0.999756, r^2 = 0.999512
alibration curve: 6.15057 * x + -11.3365
esponse type: External Std, Area
ırve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





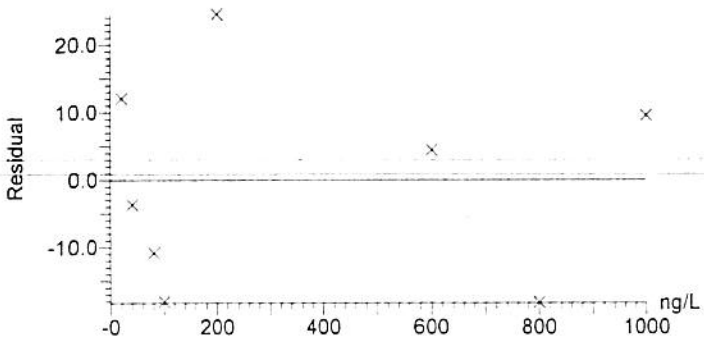
ɔmpound name: FOSA (M+8)
ɔrrelation coefficient: r = 0.998646, r^2 = 0.997293
alibration curve: 1.78449 * x + -5.90009
esponse type: External Std, Area
ırve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

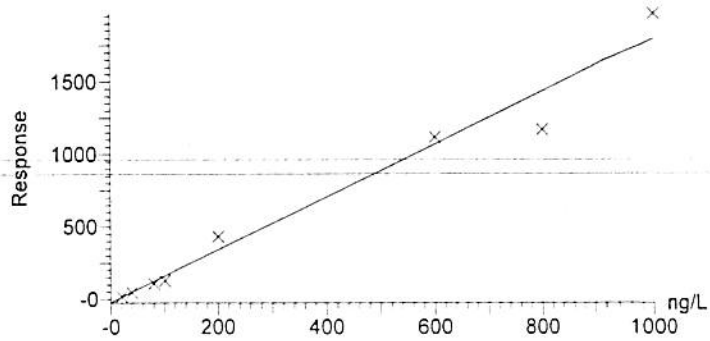




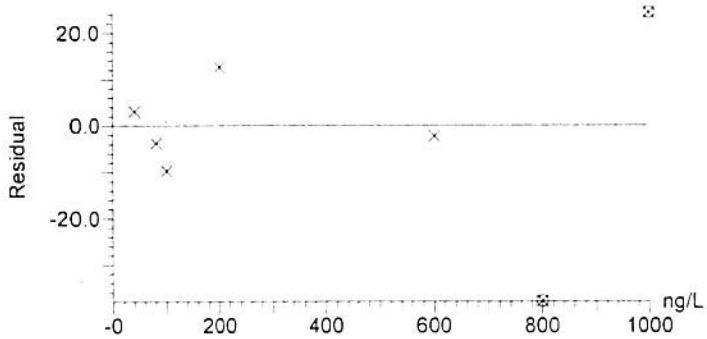
Quantity Calibration Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:01:19 Eastern Daylight Time

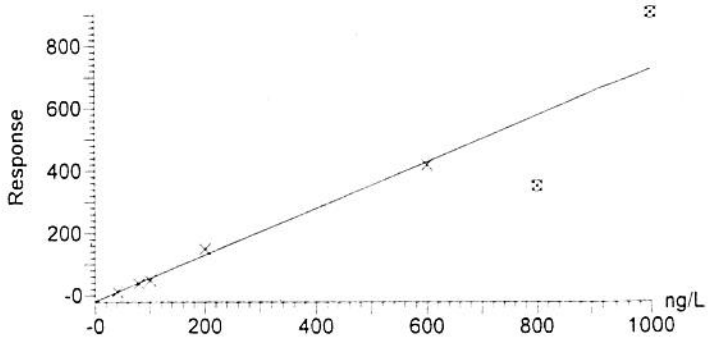
Compound name: PFTrA
Correlation coefficient: r = 0.988342, r^2 = 0.976820
Calibration curve: 1.8181 * x + -20.2037
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



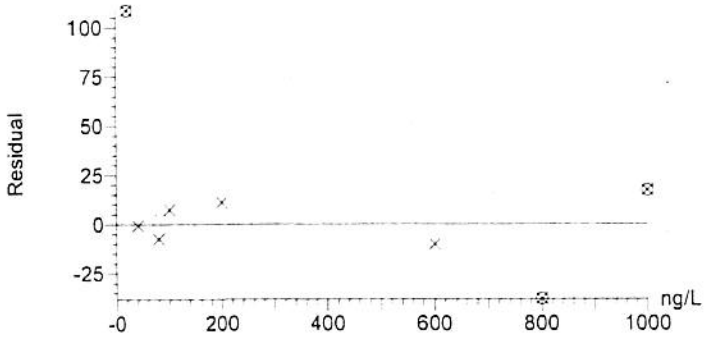


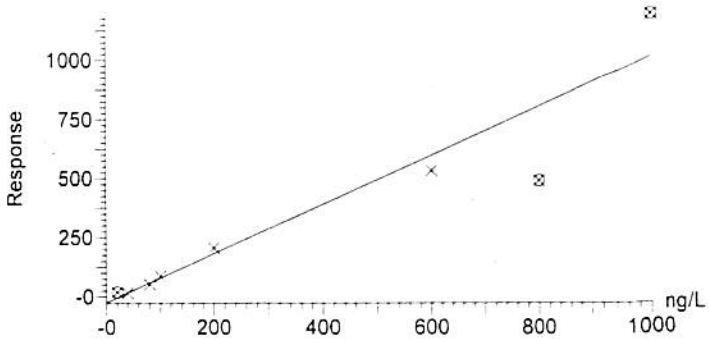
Compound name: PFTeA
Correlation coefficient: r = 0.995911, r^2 = 0.991839
Calibration curve: 0.746198 * x + -18.405
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None





Compound name: PFTeA (M+2)
Correlation coefficient: r = 0.990483, r^2 = 0.981056
Calibration curve: 1.03791 * x + -24.6462
Response type: External Std, Area
Curve type: Linear, Origin: Exclude, Weighting: 1/x^2, Axis trans: None





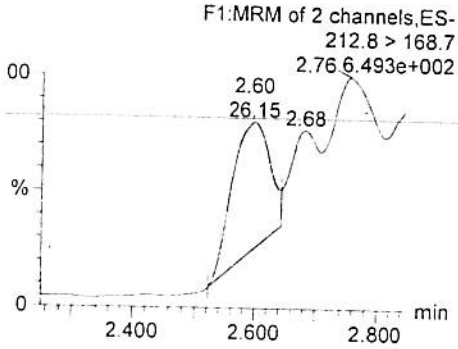
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:27 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC 07112018.cdb 12 Jul 2018 10:09:26

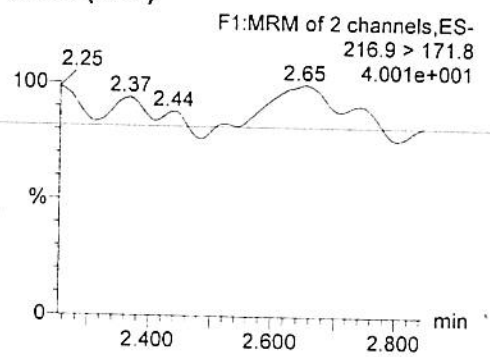
Name: Instrument Blank 071118 1, Date: 11-Jul-2018, Time: 11:44:08, Description: Instrument Blank 071118 1, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

PD07121R

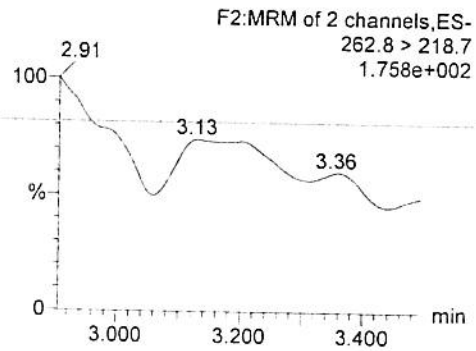
FBA



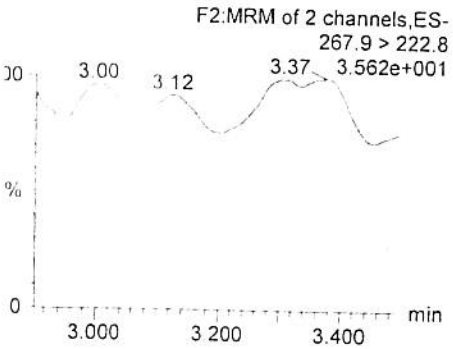
PFBA (M+4)



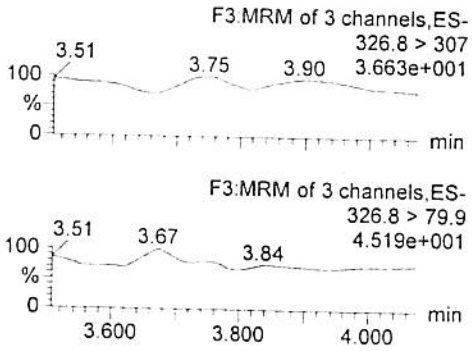
PFPeA



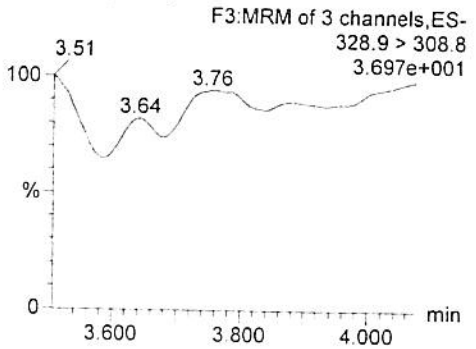
PFPeA (M+5)



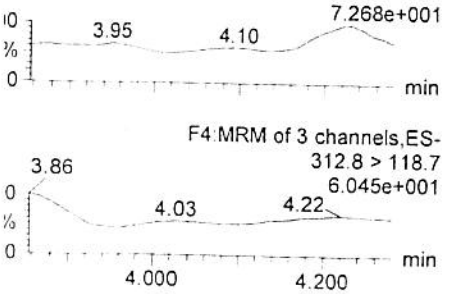
4:2 FTS



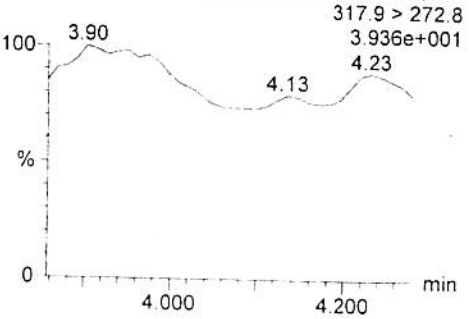
4:2 FTS (M+2)



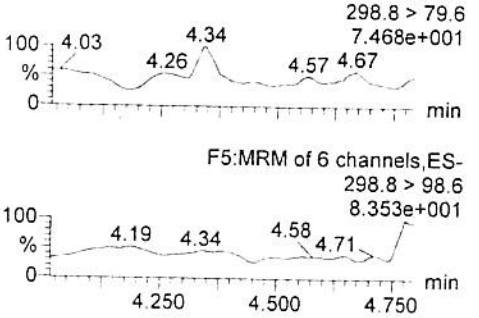
PFHxA



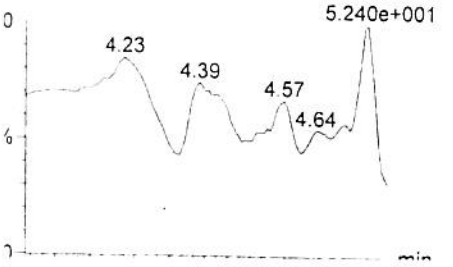
PFHxA (M+5)



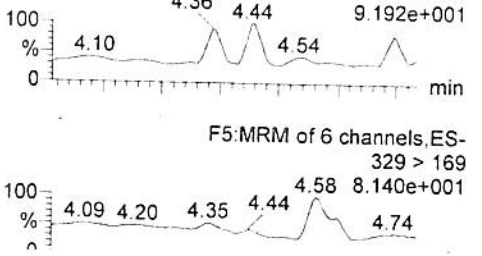
PFBS



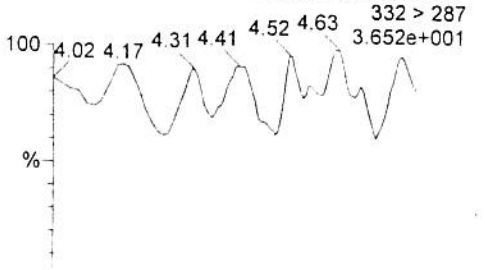
BS (M+3)



HFPO-DA



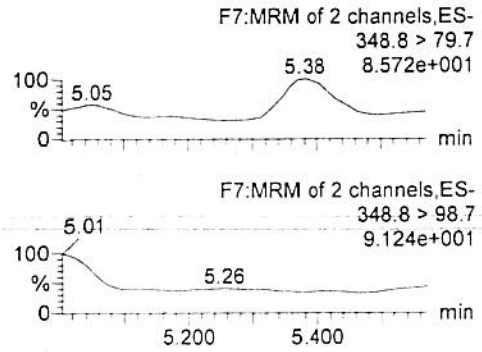
HFPO-DA (M+3)



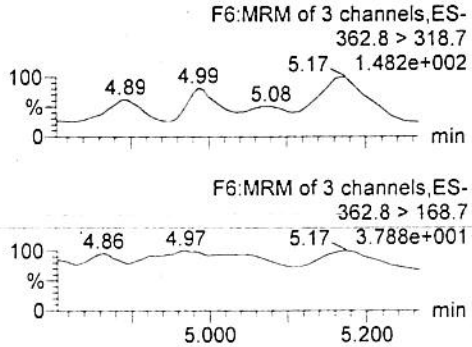
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:27 Eastern Daylight Time

Name: Instrument Blank 071118 1, Date: 11-Jul-2018, Time: 11:44:08, Description: Instrument Blank 071118 1, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

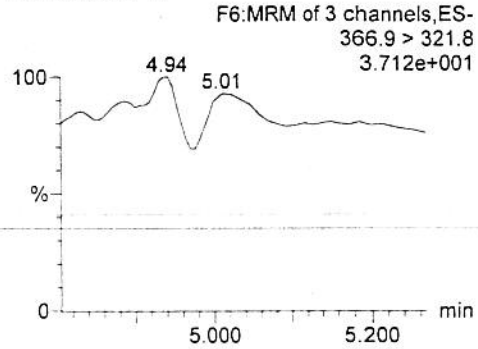
PFPeS



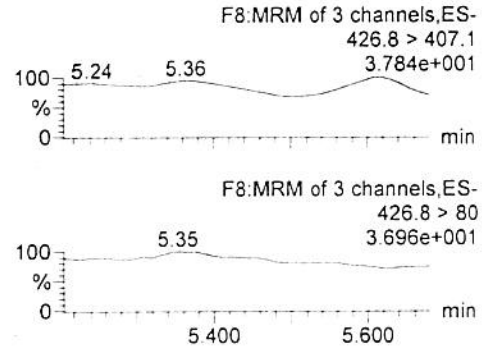
PFHpA



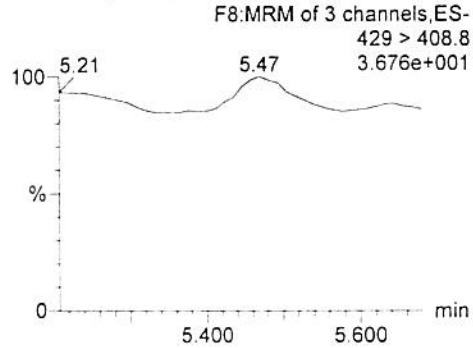
PFHpA (M+4)



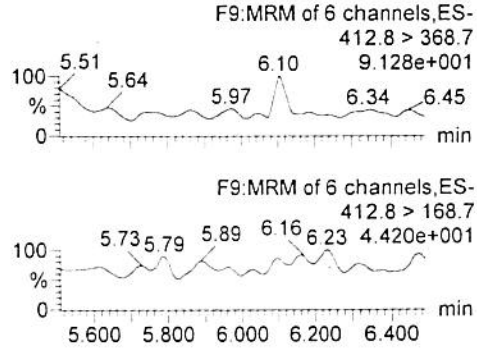
6:2 FTS



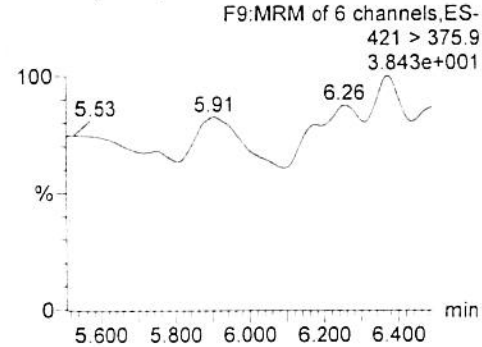
6:2 FTS (M+2)



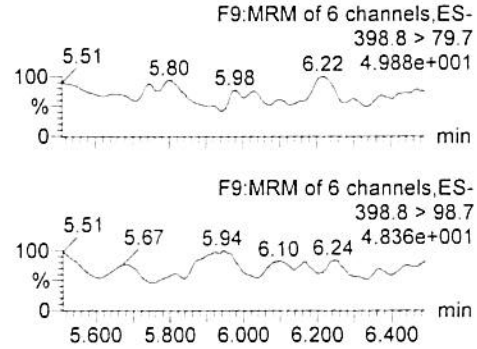
PFOA



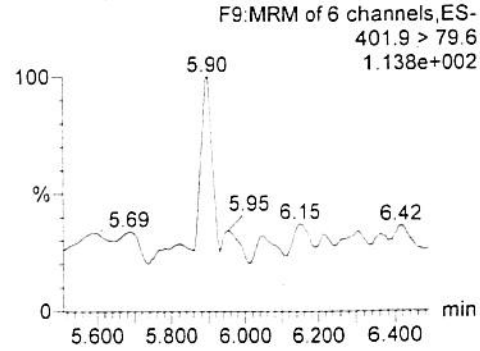
PFOA (M+8)



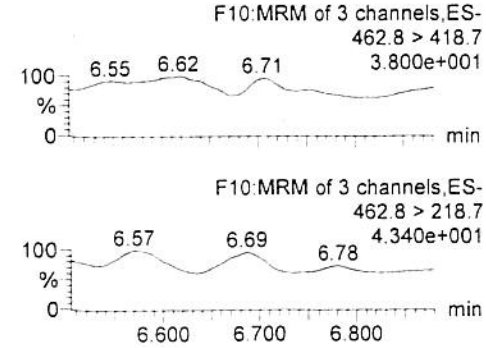
PFHxS



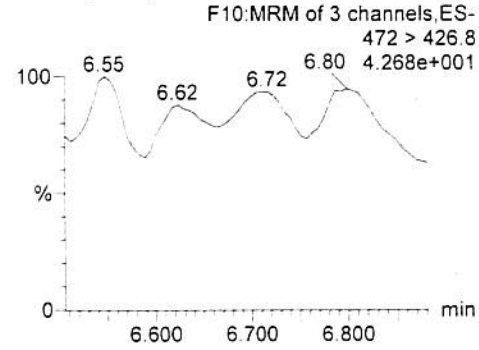
PFHxS (M+3)



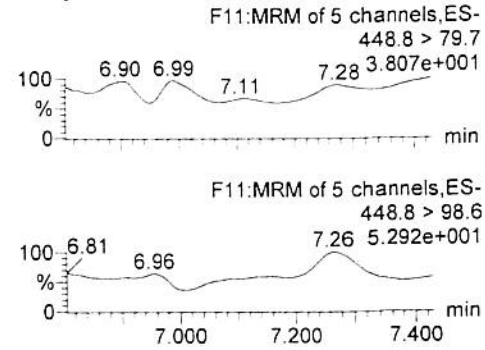
PFNA



PFNA (M+9)



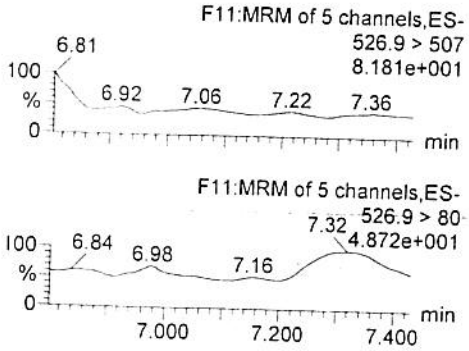
PFHpS



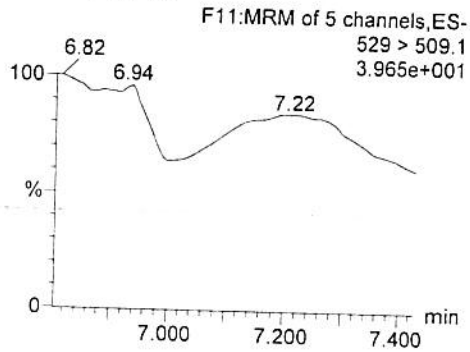
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:27 Eastern Daylight Time

Name: Instrument Blank 071118 1, Date: 11-Jul-2018, Time: 11:44:08, Description: Instrument Blank 071118 1, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

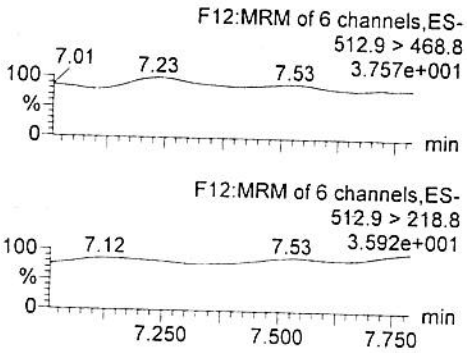
8:2 FTS



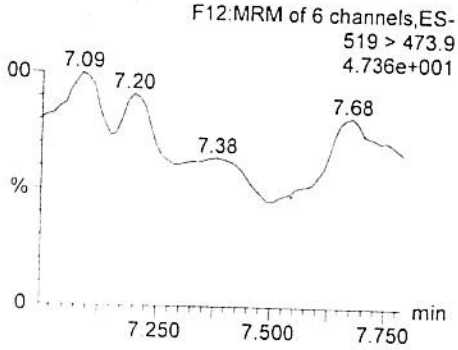
8:2 FTS (M+2)



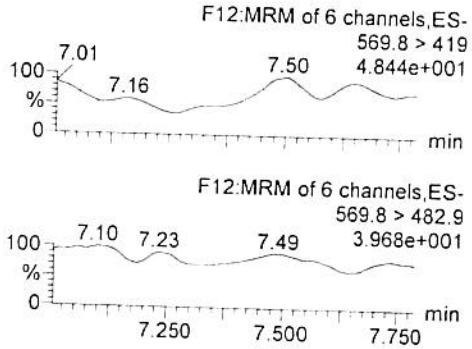
PFDA



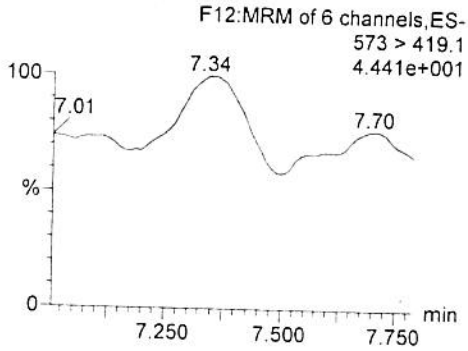
FDA (M+6)



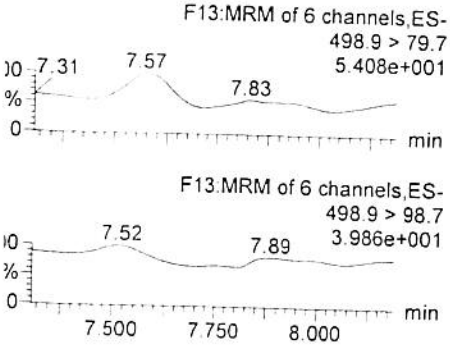
N-MeFOSAA



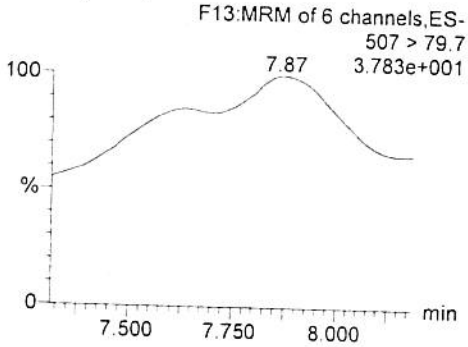
N-MeFOSAA (M+3)



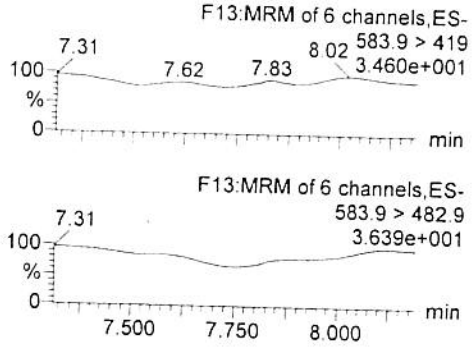
PFOS



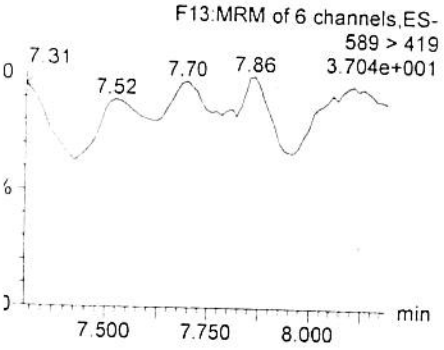
PFOS (M+8)



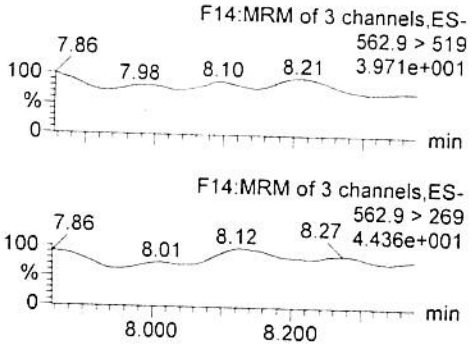
N-EtFOSAA



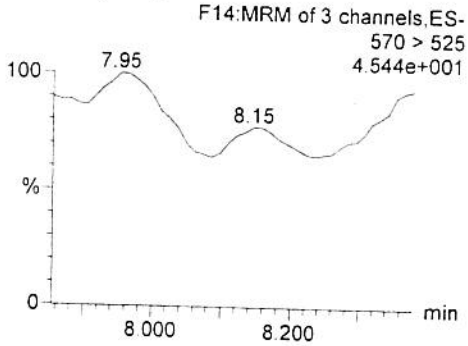
EtFOSAA (M+5)



PFUnA



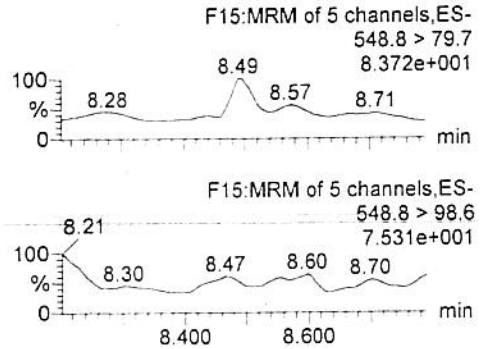
PFUnA (M+7)



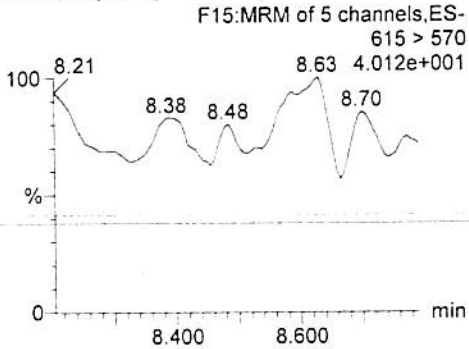
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:27 Eastern Daylight Time

Name: Instrument Blank 071118 1, Date: 11-Jul-2018, Time: 11:44:08, Description: Instrument Blank 071118 1, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

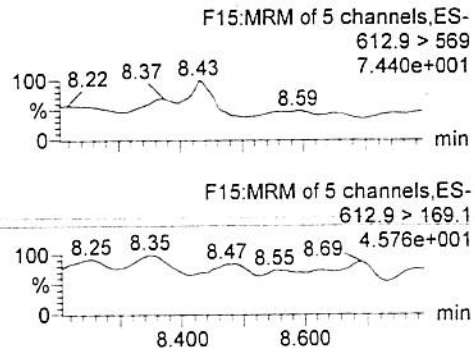
PFNS



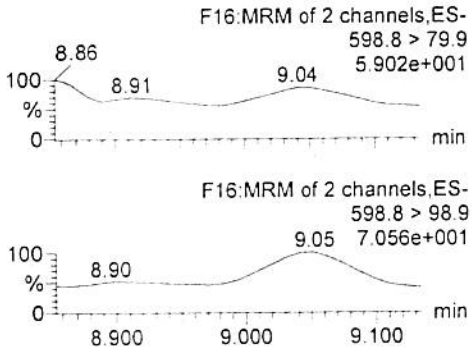
PFDoA (M+2)



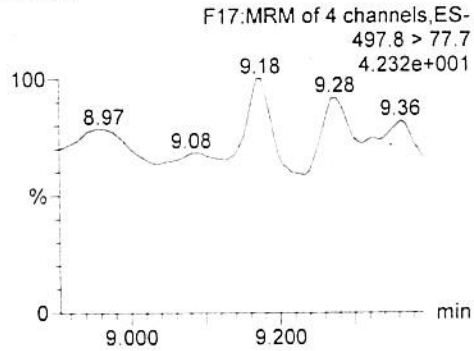
PFDoA



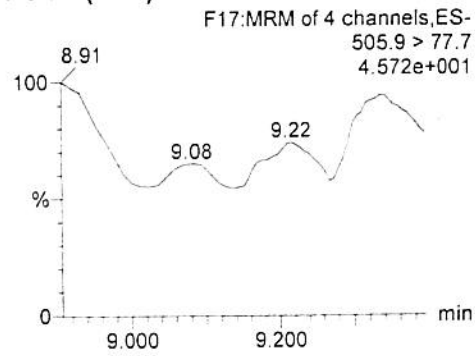
PFDS



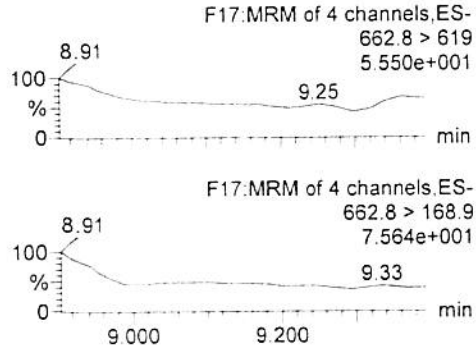
FOSA



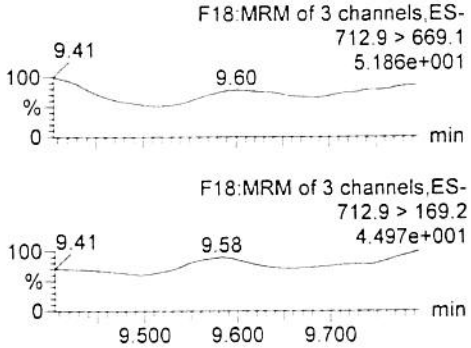
FOSA (M+8)



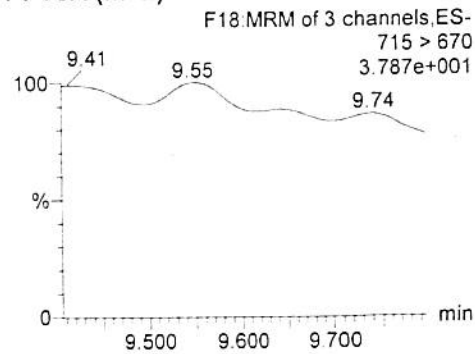
PFTrA



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:27 Eastern Daylight Time

Name: Instrument Blank 071118 1, Date: 11-Jul-2018, Time: 11:44:08, Description: Instrument Blank 071118 1, nstrument: ACQ-TQD#NotSet, User: , Vial: 1:1

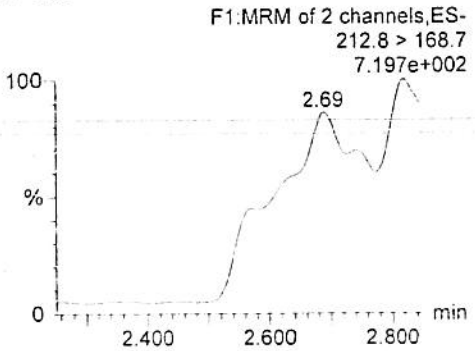
Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.57	2.60	0.998	26.1			26.150	bdl			
PFBA (M+4)	2.57		0.999								
PFPeA	3.23		0.999								
PFPeA (M+5)	3.22		0.999								
4:2 FTS	3.79		0.999								
4:2 FTS (M+2)	3.79		0.997						1.983		
PFHxA	4.06		0.994								
PFHxA (M+5)	4.06		0.999						24.865		
PFBS	4.25		0.999								
PFBS (M+3)	4.25		0.997						2.577		
HFPO-DA	4.39		0.997								
HFPO-DA (M+3)	4.39		0.987						1.382		
PFPeS	5.27		0.999								
PFHpA	4.97		0.999						2.513		
PFHpA (M+4)	4.97		0.999						2.802		
6:2 FTS	5.50		0.989								
6:2 FTS (M+2)	5.50		0.997						1.422		
PFOA	5.84		0.998								
PFOA (M+8)	5.84		0.999						2.553		
PFHxS	6.21		0.998								
PFHxS (M+3)	6.20		0.999						2.084		
PFNA	6.65		0.999								
PFNA (M+9)	6.65		0.999						2.264		
PFHpS	7.06		0.996								
8:2 FTS	7.06		0.996						2.055		
8:2 FTS (M+2)	7.06		0.995						3.757		
PFDA	7.40		0.991								
PFDA (M+6)	7.40		0.984						3.240		
MeFOSAA	7.50		0.998								
MeFOSAA (M+3)	7.49		0.996						1.607		
PFOS	7.82		0.999								
PFOS (M+8)	7.82		0.999						2.385		
EtFOSAA	7.81		0.993								
EtFOSAA (M+5)	7.79		0.989						1.859		
PFUnA	8.06		0.998								
PFUnA (M+7)	8.06		0.999						4.004		
PFNS	8.47		0.997								
PFDoA (M+2)	8.62		0.996						2.325		
PFDoA	8.63		0.995								
PFDS	9.01		1.000						4.892		
PFOSA	9.30		1.000						1.011		
PFOSA (M+8)	9.30		0.997								
PFTrA	9.13		0.977								
PFTeA	9.58		0.992						6.499		
PFTeA (M+2)	9.58		0.981						3.647		

Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:29 Eastern Daylight Time

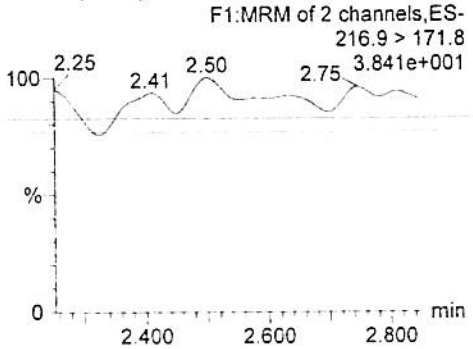
Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC 07112018.cdb 12 Jul 2018 10:09:26 DB 07 12 18 JG 7/12/18

Name: Instrument Blank 071118 2, Date: 11-Jul-2018, Time: 12:03:56, Description: Instrument Blank 071118 2, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

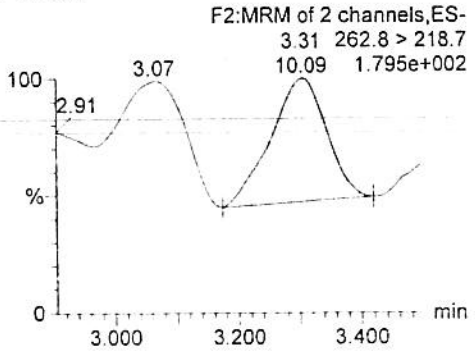
PFBA



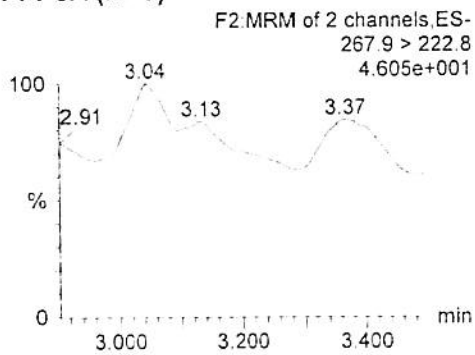
PFBA (M+4)



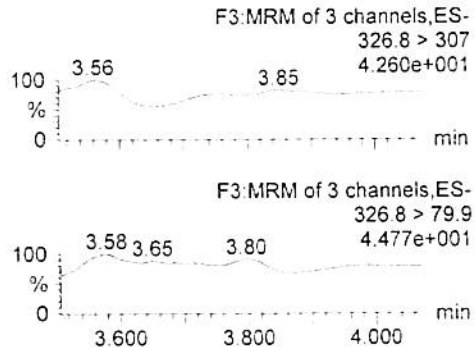
PFPeA



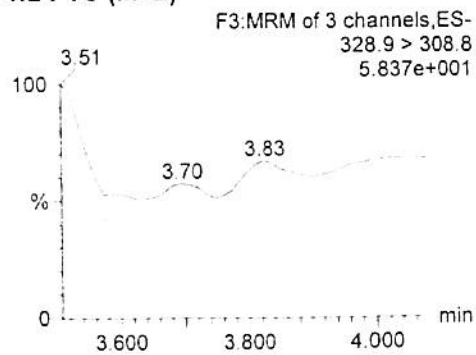
PFPeA (M+5)



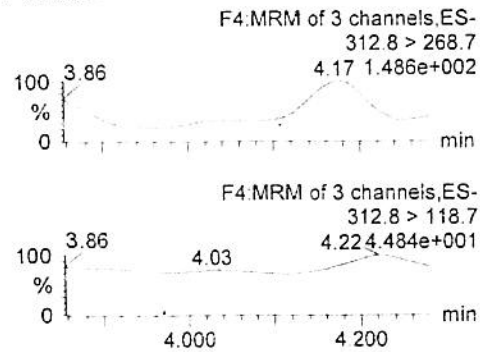
4:2 FTS



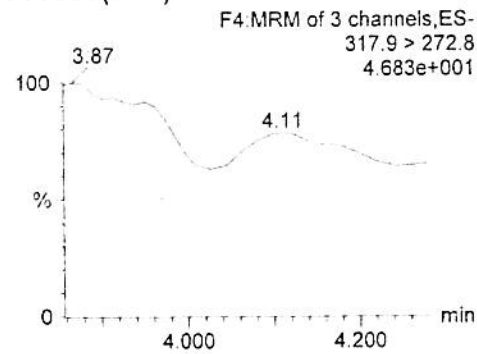
4:2 FTS (M+2)



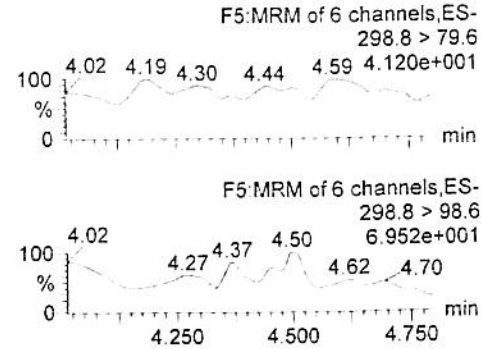
PFHxA



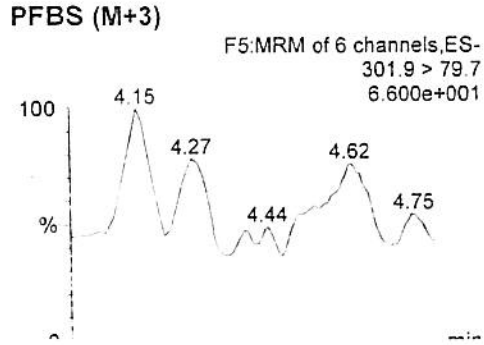
PFHxA (M+5)



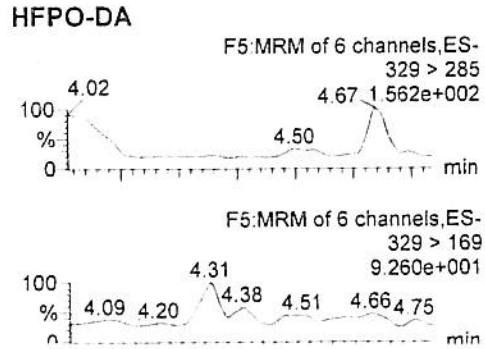
PFBS



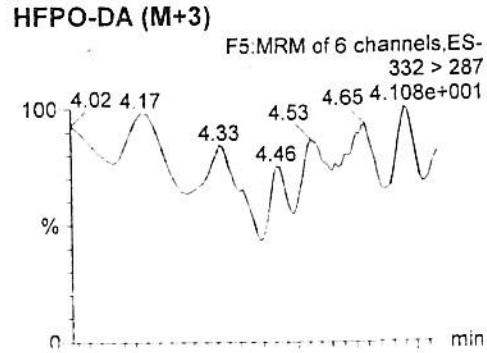
PFBS (M+3)



HFPO-DA



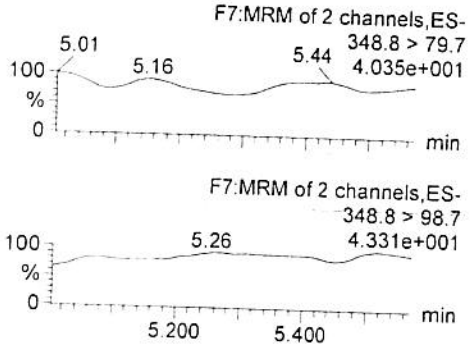
HFPO-DA (M+3)



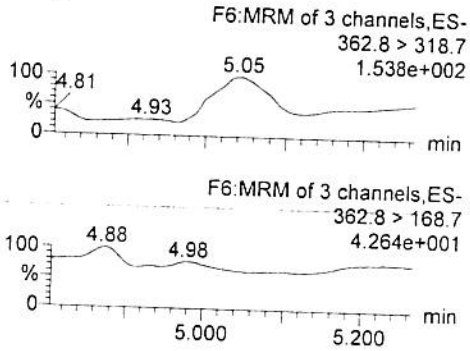
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:29 Eastern Daylight Time

Name: Instrument Blank 071118 2, Date: 11-Jul-2018, Time: 12:03:56, Description: Instrument Blank 071118 2, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

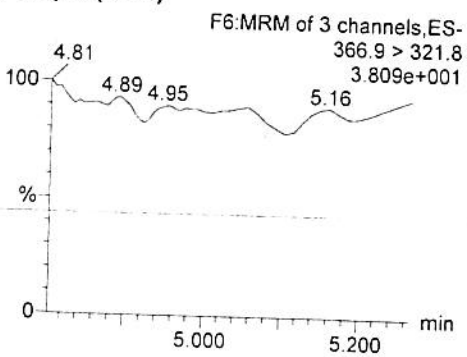
PFPeS



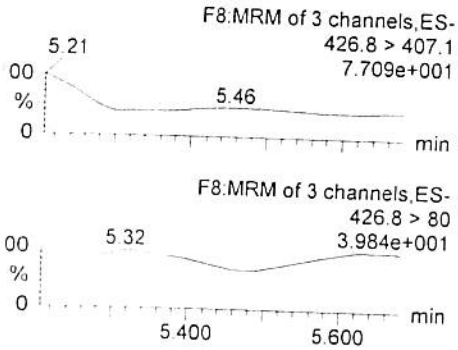
PFHpA



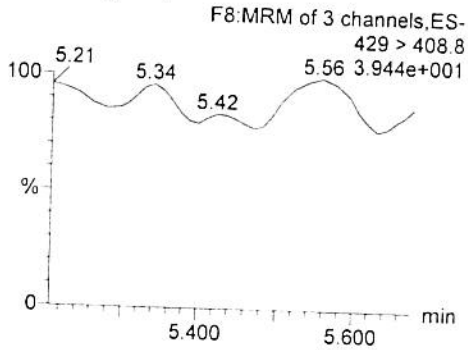
PFHpA (M+4)



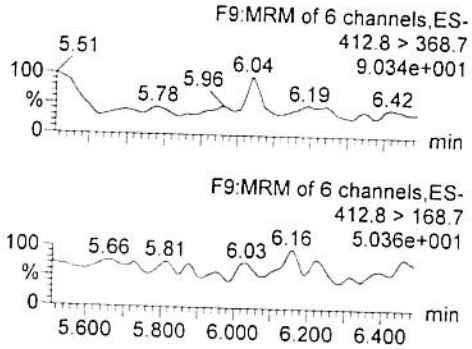
:2 FTS



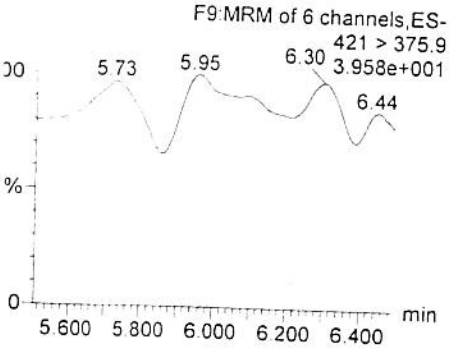
6:2 FTS (M+2)



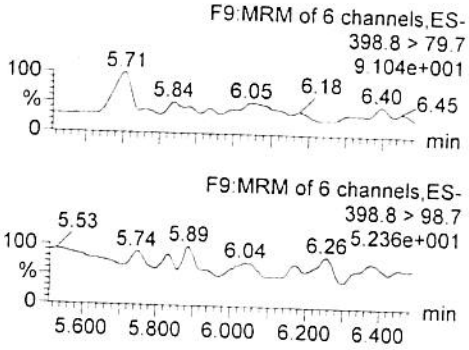
PFOA



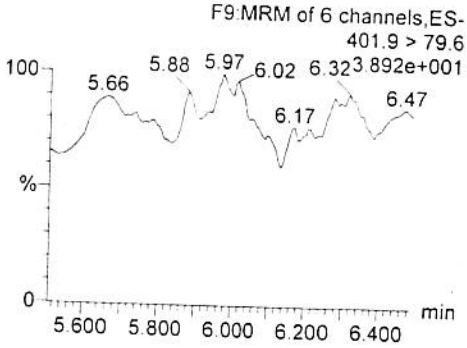
FOA (M+8)



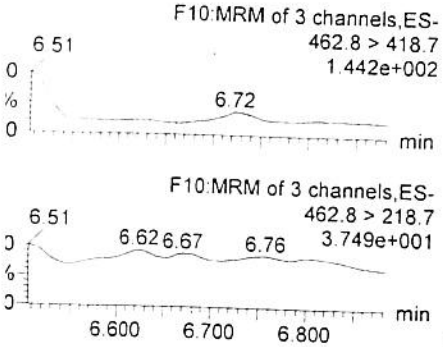
PFHxS



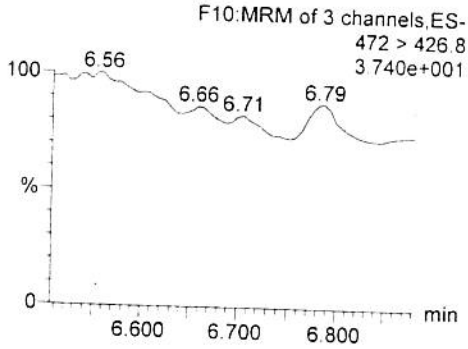
PFHxS (M+3)



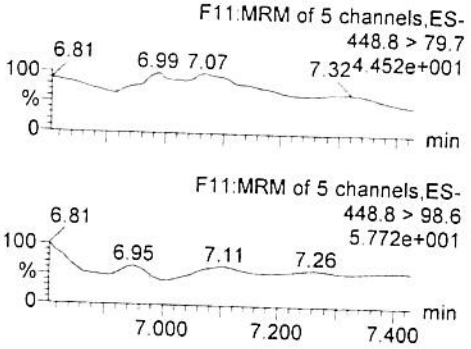
:NA



PFNA (M+9)



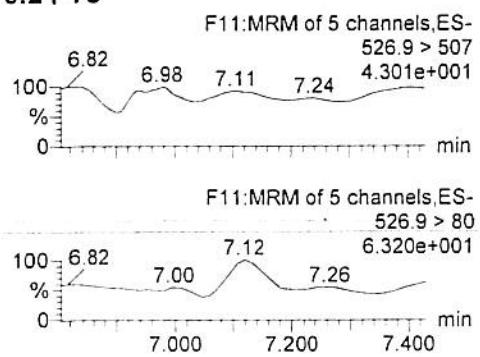
PFHpS



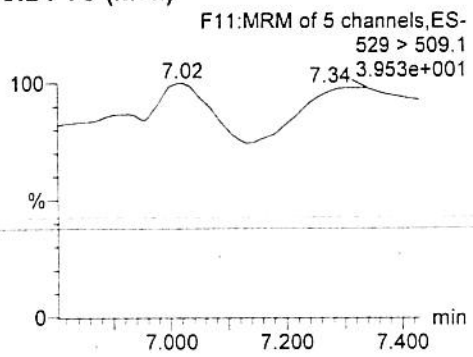
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:29 Eastern Daylight Time

Name: Instrument Blank 071118 2, Date: 11-Jul-2018, Time: 12:03:56, Description: Instrument Blank 071118 2, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

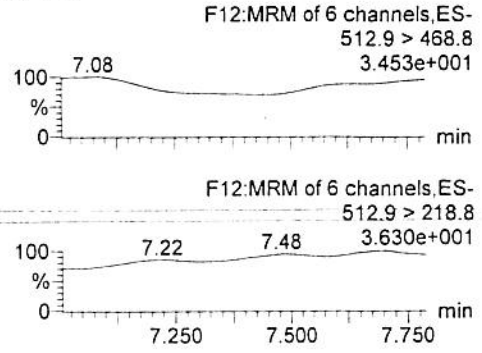
8:2 FTS



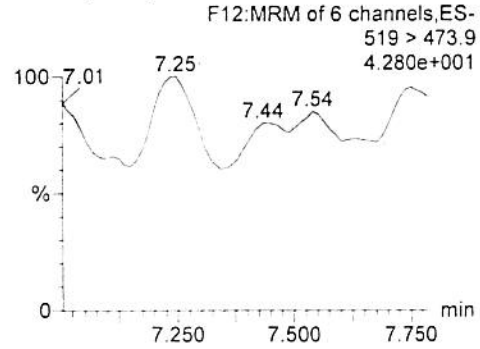
8:2 FTS (M+2)



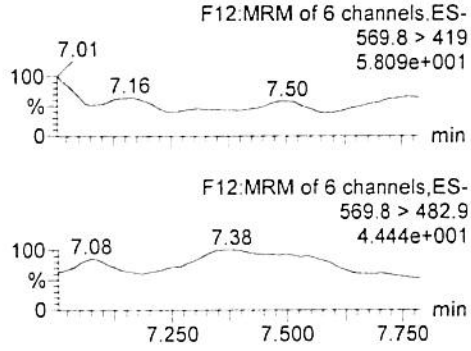
PFDA



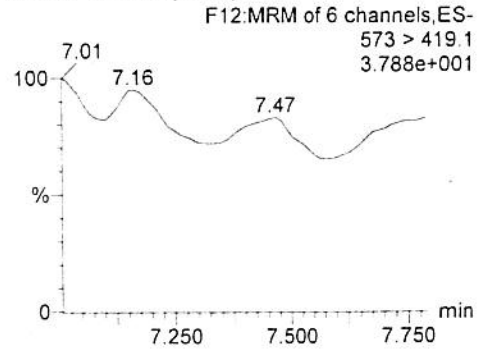
PFDA (M+6)



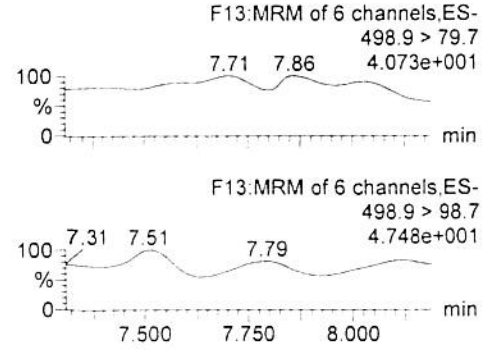
N-MeFOSAA



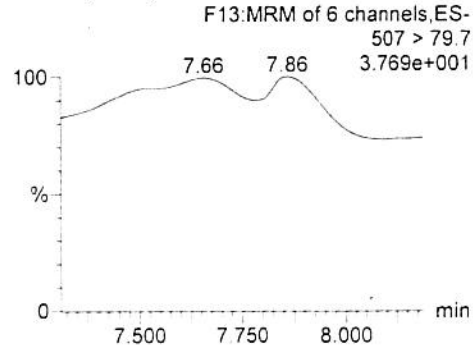
N-MeFOSAA (M+3)



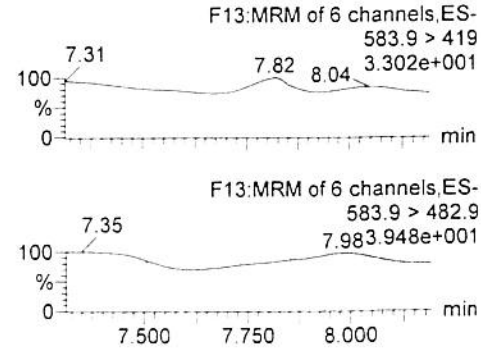
PFOS



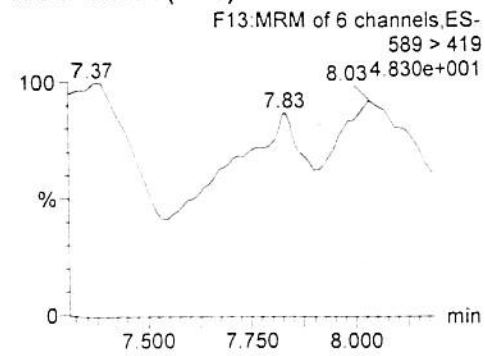
PFOS (M+8)



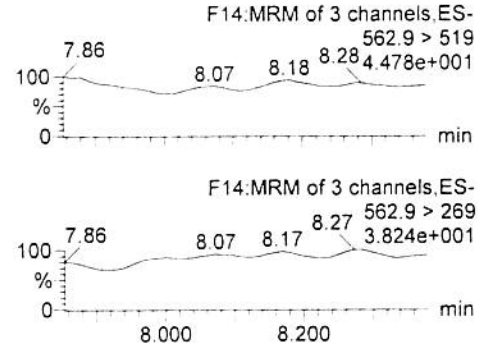
N-EtFOSAA



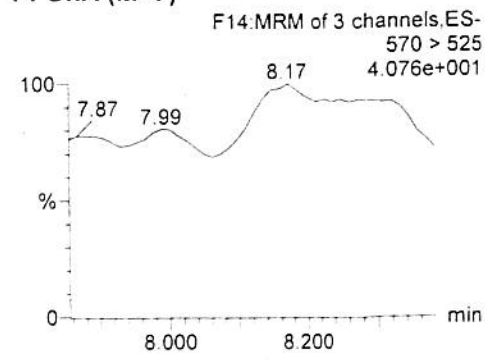
N-EtFOSAA (M+5)



PFUnA



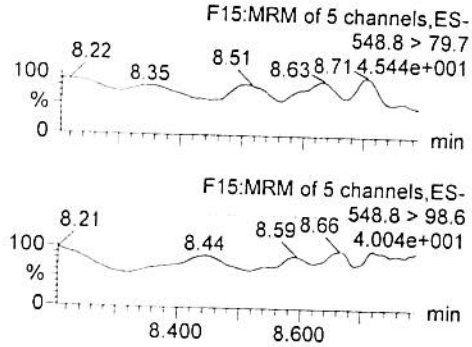
PFUnA (M+7)



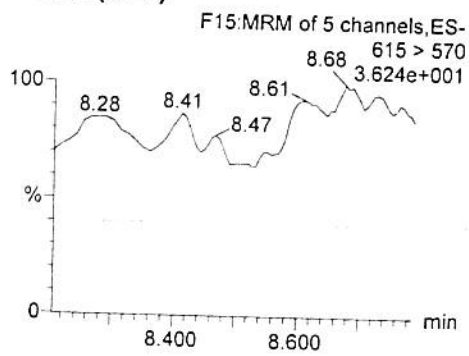
Quantify Sample Report MassLynx 4.1 SCN919
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:29 Eastern Daylight Time

Name: Instrument Blank 071118 2, Date: 11-Jul-2018, Time: 12:03:56, Description: Instrument Blank 071118 2, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

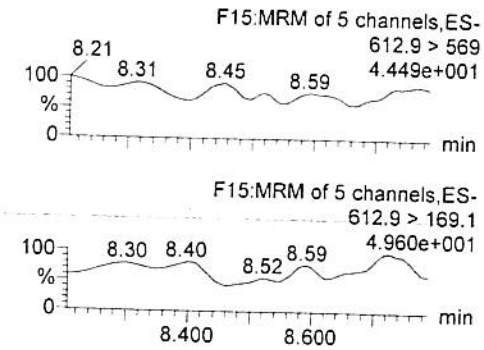
PFNS



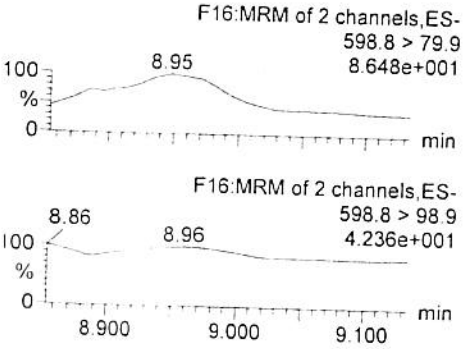
PFDoA (M+2)



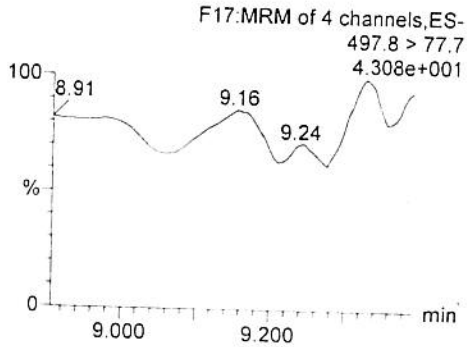
PFDoA



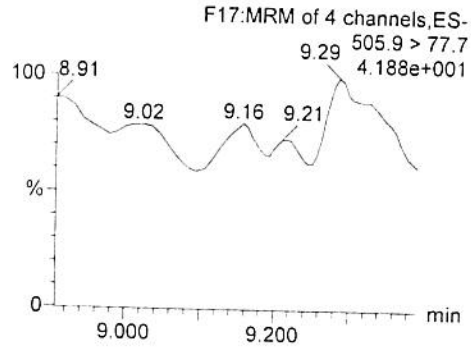
PFDS



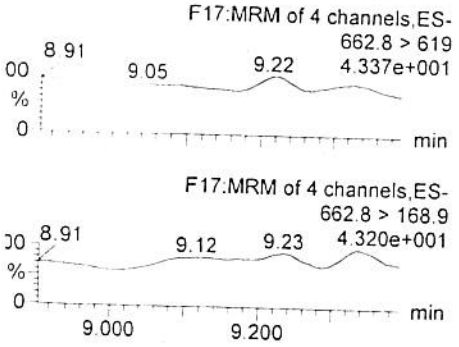
FOSA



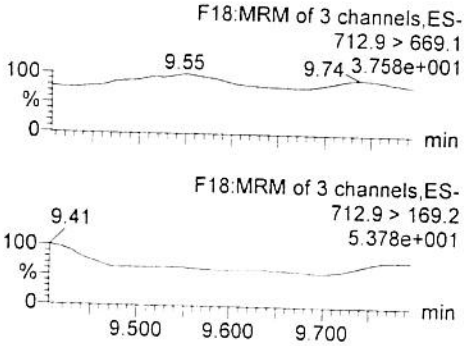
FOSA (M+8)



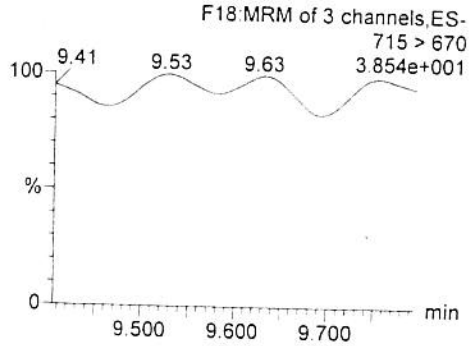
FTrA



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:29 Eastern Daylight Time

Name: Instrument Blank 071118 2, Date: 11-Jul-2018, Time: 12:03:56, Description: Instrument Blank 071118 2, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:1

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.57		0.998								
PFBA (M+4)	2.57		0.999								
PFPeA	3.23	3.31	0.999	10.1	1.994	X Ft	10.086	bb			
PFPeA (M+5)	3.22		0.999			BB 071318					
4:2 FTS	3.79		0.999						1.983		
4:2 FTS (M+2)	3.79		0.997								
PFHxA	4.06		0.994						24.865		
PFHxA (M+5)	4.06		0.999								
PFBS	4.25		0.999						2.577		
PFBS (M+3)	4.25		0.997								
HFPO-DA	4.39		0.997						1.382		
HFPO-DA (M+3)	4.39		0.987								
PFPeS	5.27		0.999						2.513		
PFHpA	4.97		0.999						2.802		
PFHpA (M+4)	4.97		0.999								
6:2 FTS	5.50		0.989						1.422		
6:2 FTS (M+2)	5.50		0.997								
PFOA	5.84		0.998						2.553		
PFOA (M+8)	5.84		0.999								
PFHxS	6.21		0.998						2.084		
PFHxS (M+3)	6.20		0.999								
PFNA	6.65		0.999						2.264		
PFNA (M+9)	6.65		0.999								
PFHpS	7.06		0.996						2.055		
8:2 FTS	7.06		0.996						3.757		
8:2 FTS (M+2)	7.06		0.995								
PFDA	7.40		0.991						3.240		
PFDA (M+6)	7.40		0.984								
N-MeFOSAA	7.50		0.998						1.607		
N-MeFOSAA (M+3)	7.49		0.996								
PFOS	7.82		0.999						2.385		
PFOS (M+8)	7.82		0.999								
N-EtFOSAA	7.81		0.993						1.859		
N-EtFOSAA (M+5)	7.79		0.989								
PFUnA	8.06		0.998						4.004		
PFUnA (M+7)	8.06		0.999								
PFNS	8.47		0.997						2.325		
PFDoA (M+2)	8.62		0.996								
PFDoA	8.63		0.995						4.892		
PFDS	9.01		1.000						1.011		
FOSA	9.30		1.000								
FOSA (M+8)	9.30		0.997								
PFTrA	9.13		0.977						6.499		
PFTeA	9.58		0.992						3.647		
PFTeA (M+2)	9.58		0.981								

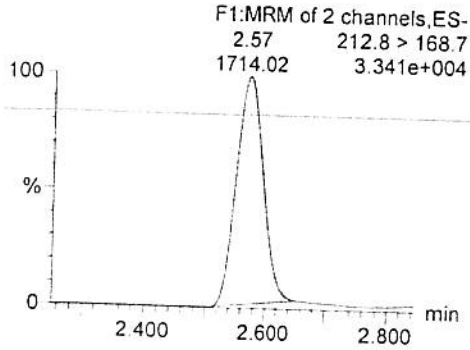
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:31 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC 07112018.cdb 12 Jul 2018 10:09:26

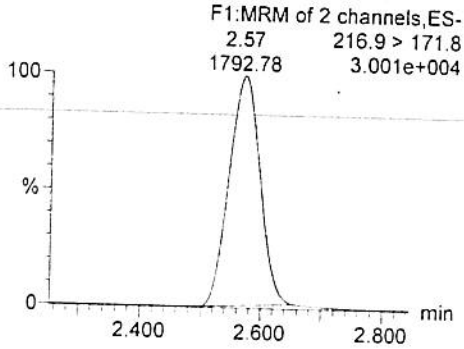
DB 071218

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118,
Instrument: ACQ-TQD#NotSet, User: , Vial: 1:2

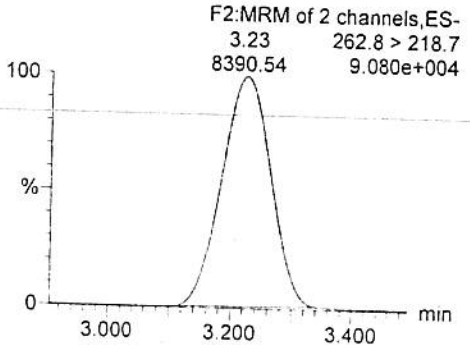
PFBA



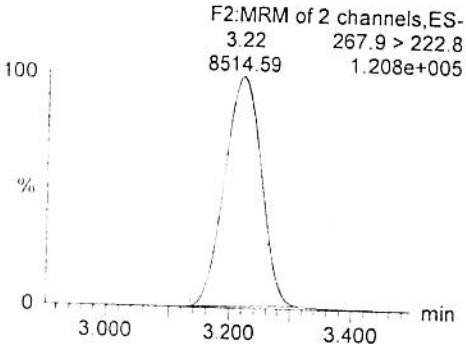
PFBA (M+4)



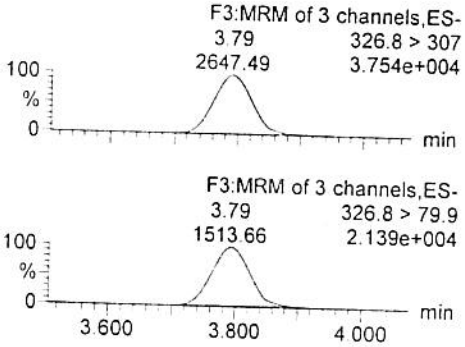
PFPeA



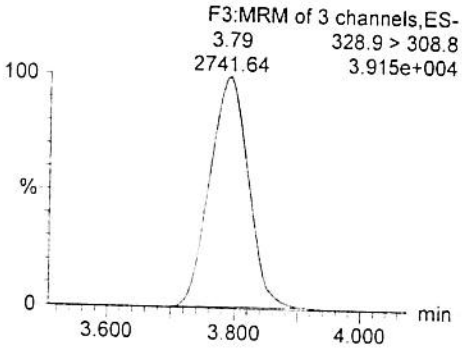
PFPeA (M+5)



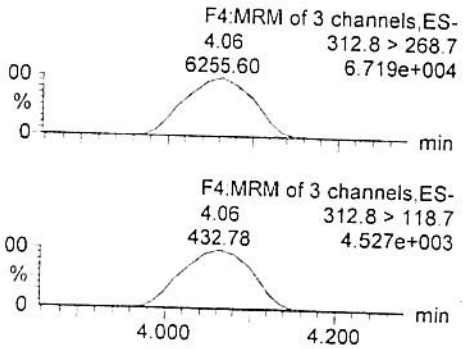
4:2 FTS



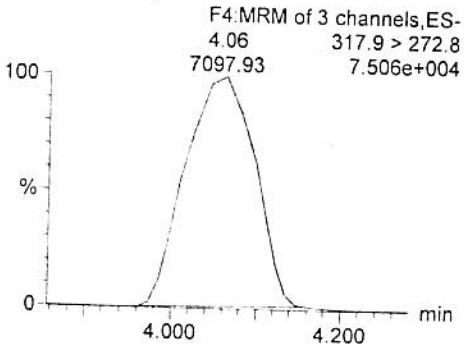
4:2 FTS (M+2)



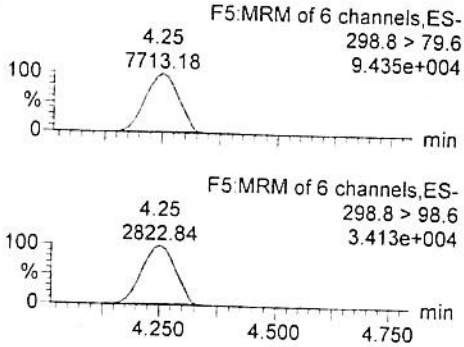
FHxA



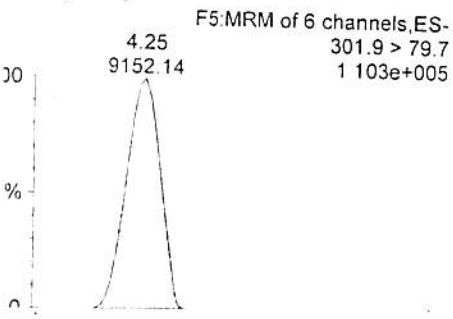
PFHxA (M+5)



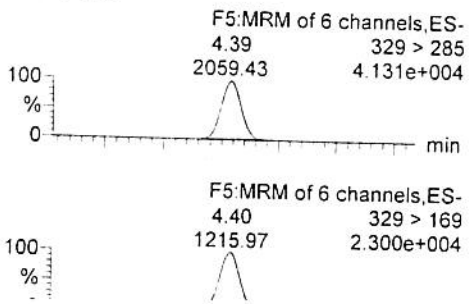
PFBS



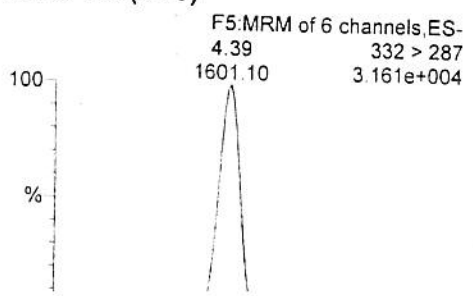
FBS (M+3)



HFPO-DA



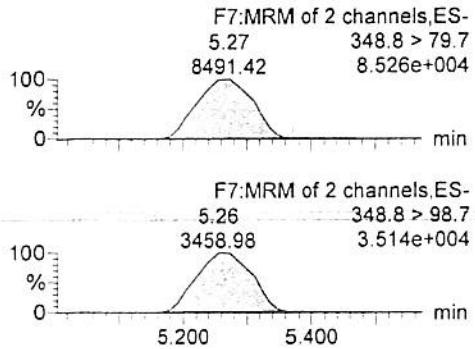
HFPO-DA (M+3)



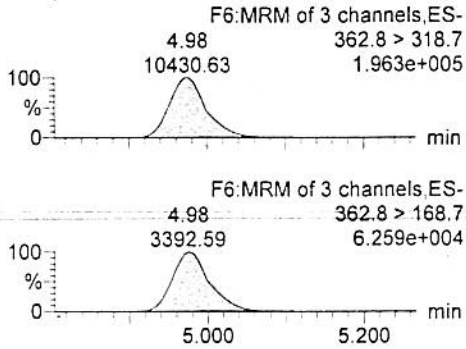
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:31 Eastern Daylight Time

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:2

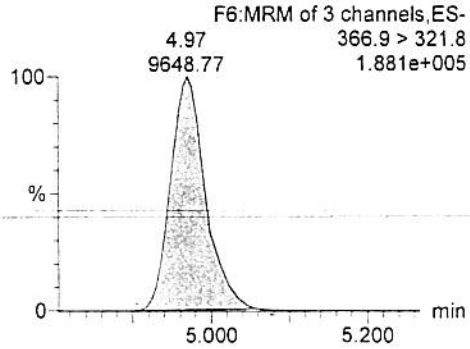
PFPeS



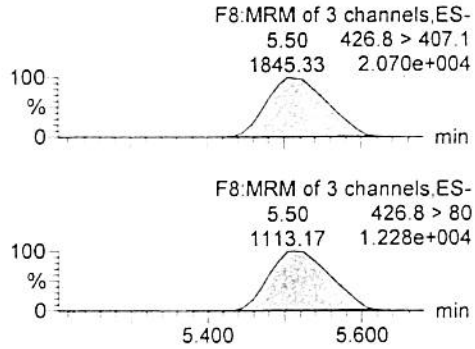
PFHpA



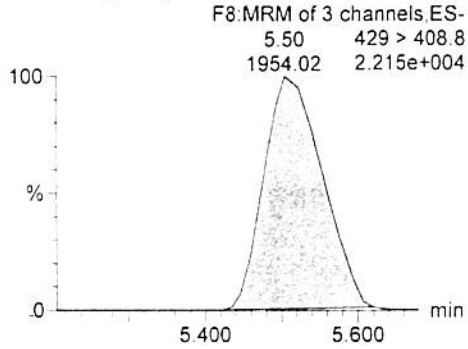
PFHpA (M+4)



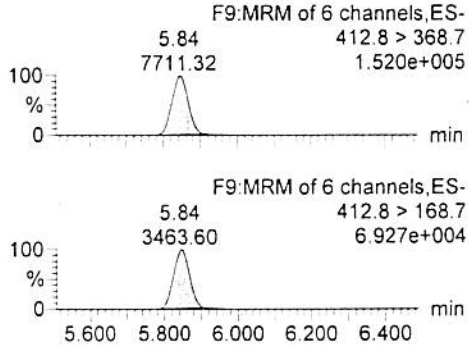
6:2 FTS



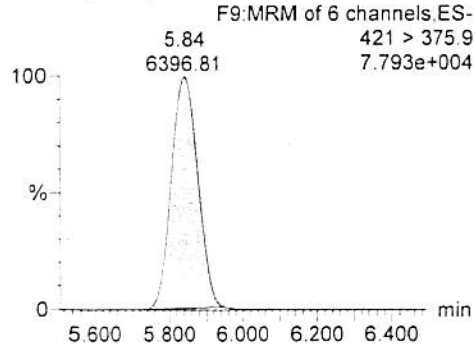
6:2 FTS (M+2)



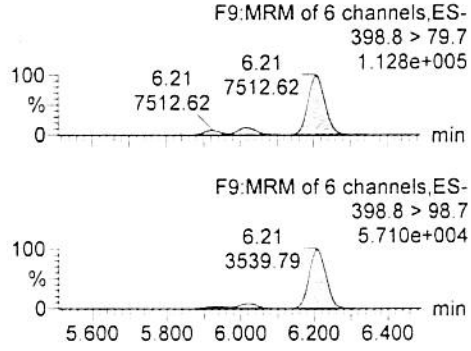
PFOA



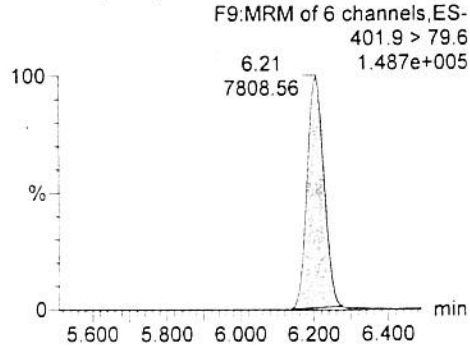
PFOA (M+8)



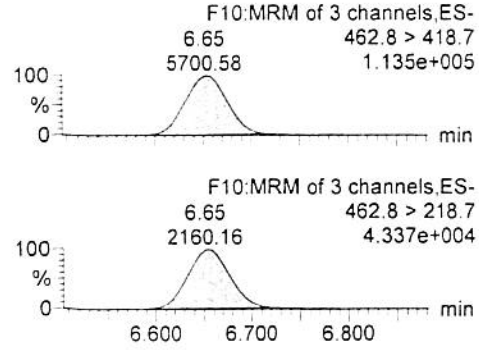
PFHxS



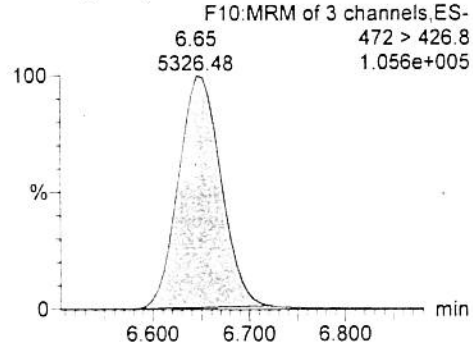
PFHxS (M+3)



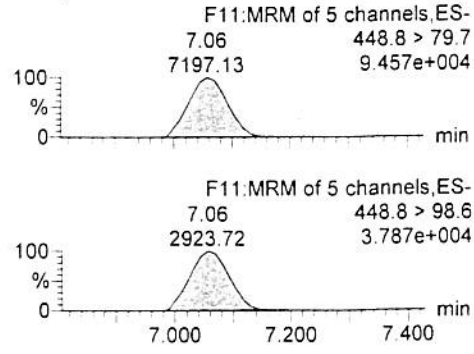
PFNA



PFNA (M+9)



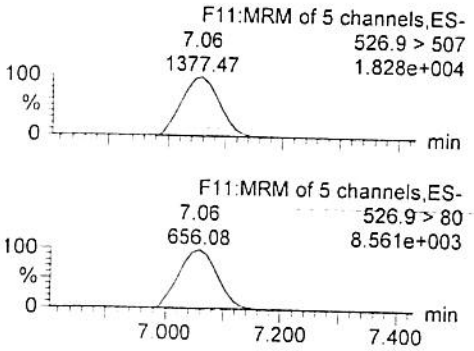
PFHpS



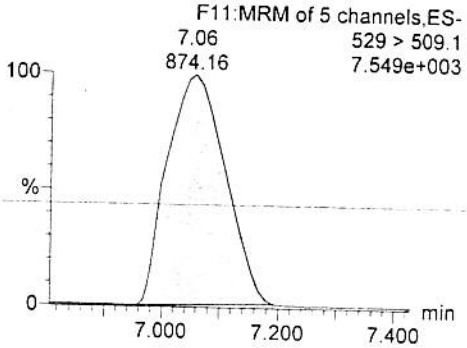
Quantify Sample Report **MassLynx 4.1 SCN919**
nstrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:31 Eastern Daylight Time

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118, nstrument: ACQ-TQD#NotSet, User: , Vial: 1:2

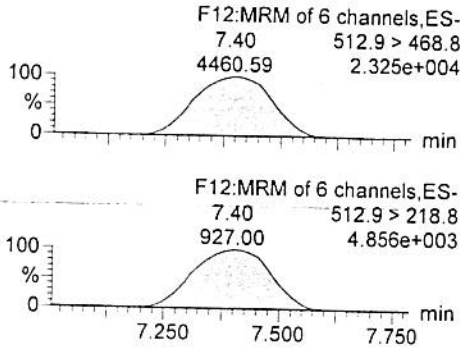
8:2 FTS



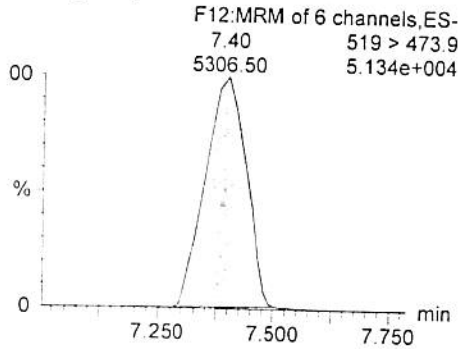
8:2 FTS (M+2)



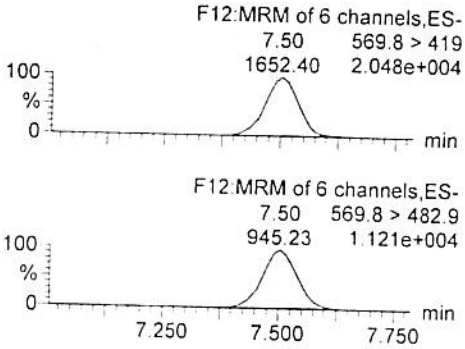
PFDA



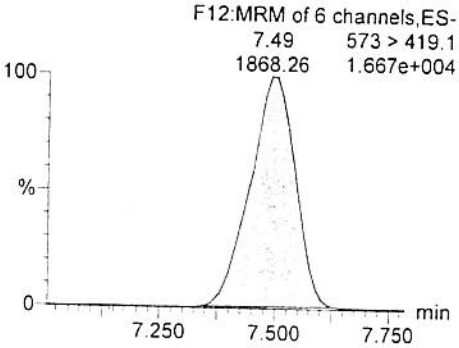
FDA (M+6)



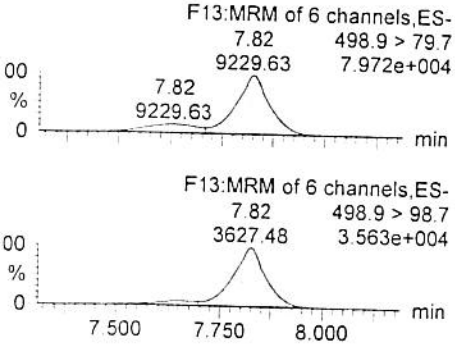
N-MeFOSAA



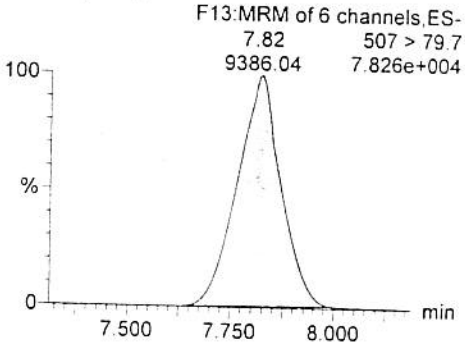
N-MeFOSAA (M+3)



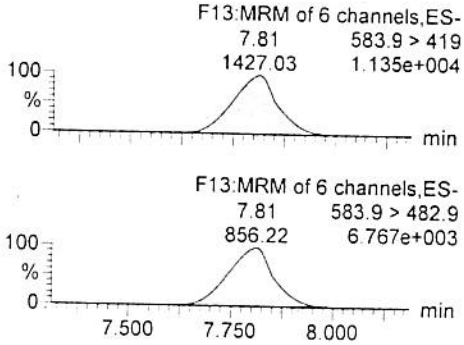
FOS



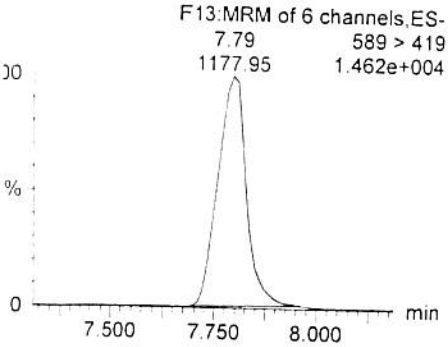
PFOS (M+8)



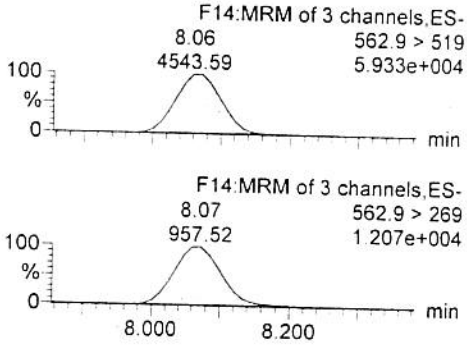
N-EtFOSAA



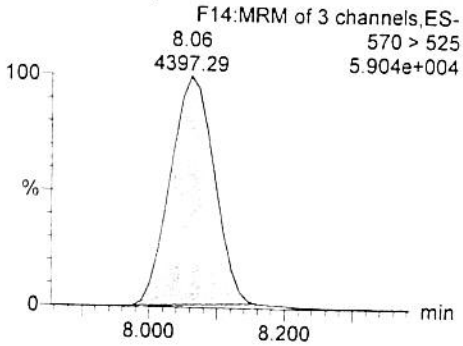
-EtFOSAA (M+5)



PFUnA



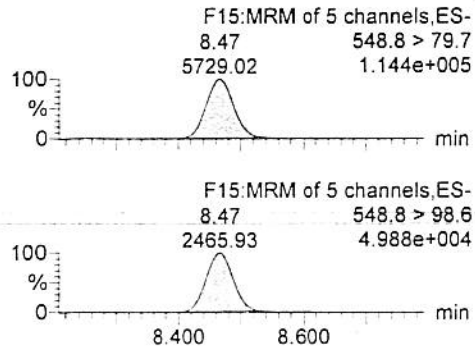
PFUnA (M+7)



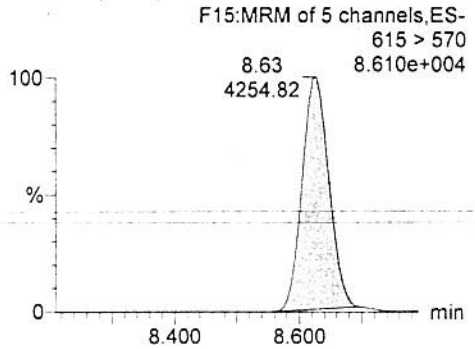
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:31 Eastern Daylight Time

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:2

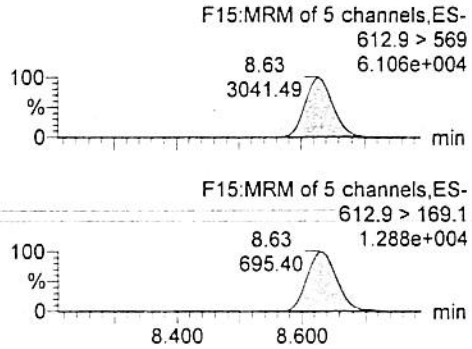
PFNS



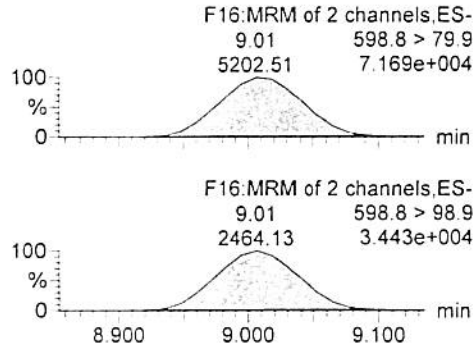
PFDoA (M+2)



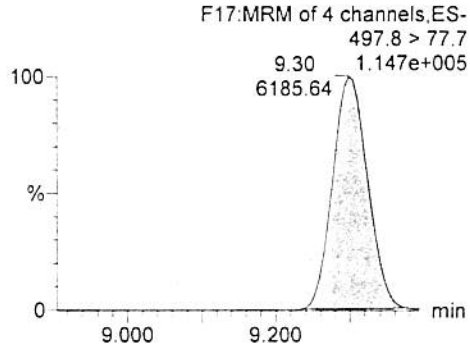
PFDoA



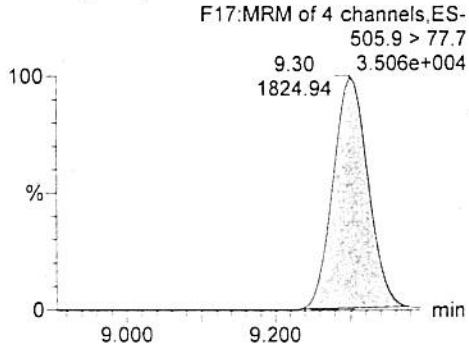
PFDS



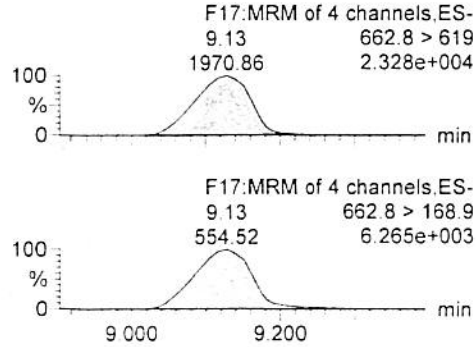
FOSA



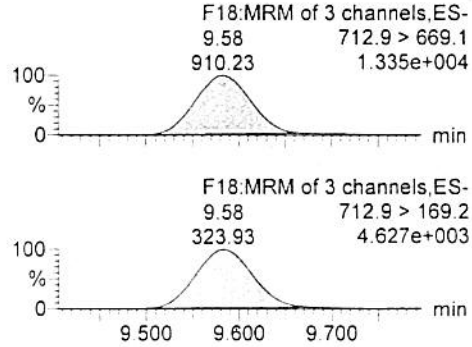
FOSA (M+8)



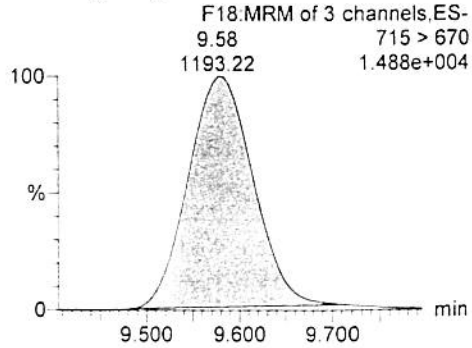
PFTrA



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:31 Eastern Daylight Time

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:2

TM 7.12.18

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.57	2.57	0.998	1714.0	981.9	-1.8	1714.019	bb			
PFBA (M+4)	2.57	2.57	0.999	1792.8	1019	1.9	1792.777	bb			
PFPeA	3.23	3.23	0.999	8390.5	996.5	-0.4	8390.541	bb			
PFPeA (M+5)	3.22	3.22	0.999	8514.6	999.2	-0.1	8514.594	bb			
:2 FTS	3.79	3.79	0.999	2647.5	904.4	-3.3	2647.495	bb	1.983	1.749	NO
:2 FTS (M+2)	3.79	3.79	0.997	2741.6	881.9	-5.7	2741.638	bb			
PFHxA	4.06	4.06	0.994	6255.6	1005	0.5	6255.604	bb	24.865	14.455	YES
PFHxA (M+5)	4.06	4.06	0.999	7097.9	986.4	-1.4	7097.933	bb			
PFBS	4.25	4.25	0.999	7713.2	868.0	-1.9	7713.177	bb	2.577	2.732	NO
PFBS (M+3)	4.25	4.25	0.997	9152.1	942.7	1.4	9152.136	bb			
HFPO-DA	4.39	4.39	0.997	2059.4	1025	2.5	2059.430	bb	1.382	1.694	NO
HFPO-DA (M+3)	4.39	4.39	0.987	1601.1	930.1	-7.0	1601.102	bb			
PFPeS	5.27	5.27	0.999	8491.4	954.9	1.6	8491.420	bb	2.513	2.455	NO
PFHpA	4.97	4.98	0.999	10430.6	999.7	-0.0	10430.631	bb	2.802	3.075	NO
PFHpA (M+4)	4.97	4.97	0.999	9648.8	998.5	-0.1	9648.775	bb			
:2 FTS	5.50	5.50	0.989	1845.3	979.1	3.1	1845.325	bb	1.422	1.658	NO
:2 FTS (M+2)	5.50	5.50	0.997	1954.0	927.6	-2.4	1954.021	bb			
PFOA	5.84	5.84	0.998	7711.3	1003	0.3	7711.322	bb	2.553	2.226	NO
PFOA (M+8)	5.84	5.84	0.999	6396.8	991.4	-0.9	6396.809	bb			
PFHxS	6.21	6.21	0.998	7512.6	904.4	-0.8	7512.617	MM	2.084	2.122	NO
PFHxS (M+3)	6.20	6.21	0.999	7808.6	933.4	-1.2	7808.564	bb			
PFNA	6.65	6.65	0.999	5700.6	1006	0.6	5700.576	bb	2.264	2.639	NO
PFNA (M+9)	6.65	6.65	0.999	5326.5	1011	1.1	5326.480	bb			
PFHpS	7.06	7.06	0.996	7197.1	934.5	-1.6	7197.128	bb	2.055	2.462	NO
2 FTS	7.06	7.06	0.996	1377.5	893.3	0.9	1377.471	bb	3.757	2.099	YES
2 FTS (M+2)	7.06	7.06	0.995	874.2	869.6	-1.7	874.159	bb			
FDA	7.40	7.40	0.991	4460.6	1053	5.3	4460.585	bb	3.240	4.812	YES
FDA (M+6)	7.40	7.40	0.984	5306.5	1090	9.0	5306.496	bb			
-MeFOSAA	7.50	7.50	0.998	1652.4	1026	2.6	1652.403	bb	1.607	1.748	NO
-MeFOSAA (M+3)	7.49	7.49	0.996	1868.3	1027	2.7	1868.256	bb			
FOS	7.82	7.82	0.999	9229.6	939.3	1.5	9229.630	MM	2.385	2.544	NO
FOS (M+8)	7.82	7.82	0.999	9386.0	985.9	3.0	9386.038	bb			
-EtFOSAA	7.81	7.81	0.993	1427.0	1065	6.5	1427.030	bb	1.859	1.667	NO
-EtFOSAA (M+5)	7.79	7.79	0.989	1178.0	943.9	-5.6	1177.953	bb			
FUnA	8.06	8.06	0.998	4543.6	1022	2.2	4543.587	bb	4.004	4.745	NO
FUnA (M+7)	8.06	8.06	0.999	4397.3	1032	3.2	4397.286	bb			
FNS	8.47	8.47	0.997	5729.0	886.5	0.2	5729.025	bb	2.325	2.323	NO
FDoA (M+2)	8.62	8.63	0.996	4254.8	1051	5.1	4254.817	bb			
FDoA	8.63	8.63	0.995	3041.5	1011	1.1	3041.493	bb	4.892	4.374	NO
FDS	9.01	9.01	1.000	5202.5	956.4	-0.9	5202.507	bb	1.011	2.111	YES
DSA	9.30	9.30	1.000	6185.6	1008	0.8	6185.635	bb			
DSA (M+8)	9.30	9.30	0.997	1824.9	1026	2.6	1824.943	bb			
FTrA	9.13	9.13	0.977	1970.9	1095	9.5	1970.857	bb	6.499	3.554	YES
FTeA	9.58	9.58	0.992	910.2	1244	24.4	910.227	bbX	3.647	2.810	NO
FTeA (M+2)	9.58	9.58	0.981	1193.2	1173	17.3	1193.216	bbX			

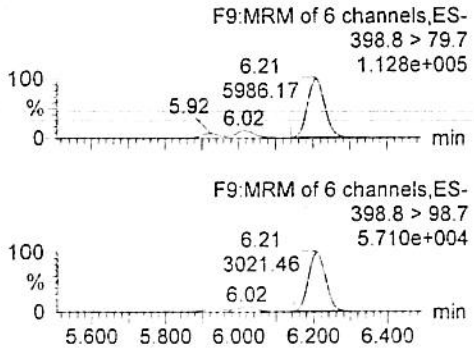
JG 7/12/18

Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: Untitled
Last Altered: Thursday, July 12, 2018 15:13:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:13:55 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: 12 Jul 2018 15:13:37

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:2

PFHxS



DDB 07.12.18

JG 7/12/18

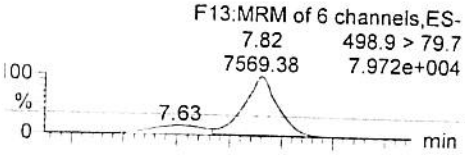
Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFHxS	6.21	6.21	0.998	5986.2	891.3	-2.3	5986.167	bb	2.084	1.981	NO

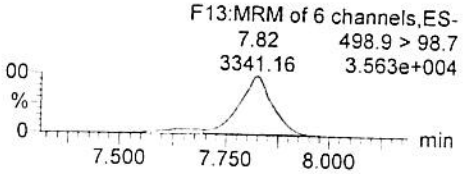
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: Untitled
Last Altered: Thursday, July 12, 2018 15:13:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:17:06 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: 12 Jul 2018 15:13:37

Name: 1000 ngL 8062814 071118, Date: 11-Jul-2018, Time: 12:24:10, Description: 1000 ngL 8062814 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:2

PFOS





DB 07/12/18

JG 7/12/18

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFOS	7.82	7.82	0.999	7569.4	945.1	2.2	7569.375	db	2.385	2.266	NO

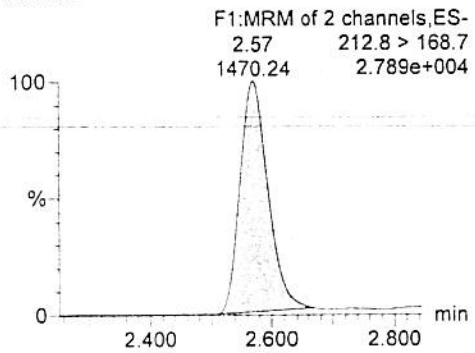
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:34 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS 07112018.mdb 11 Jul 2018 14:35:57
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC 07112018.cdb 12 Jul 2018 10:09:26

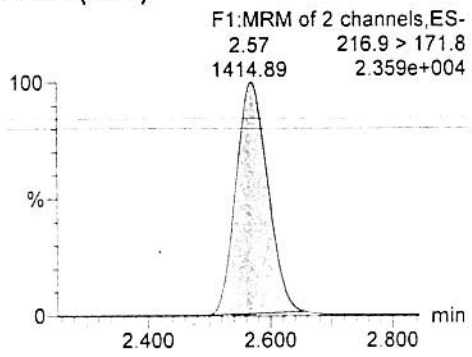
DMB
07.12.18

Name: 800 ngL 8062815 071118, Date: 11-Jul-2018, Time: 12:44:24, Description: 800 ngL 8062815 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:3

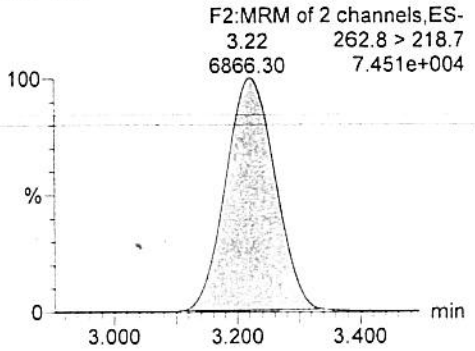
PFBA



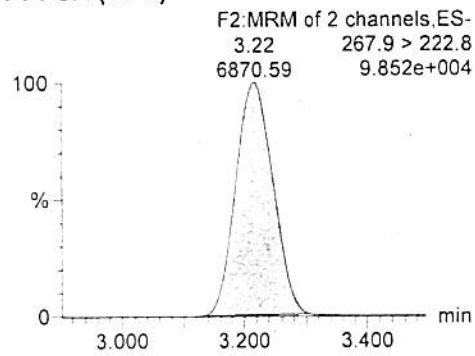
PFBA (M+4)



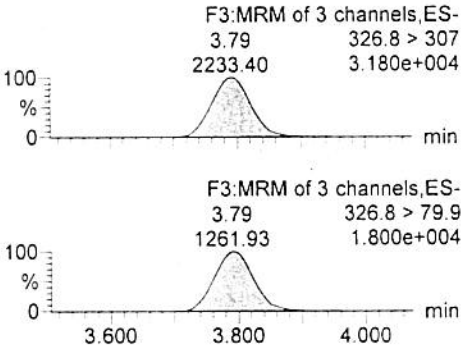
PFPeA



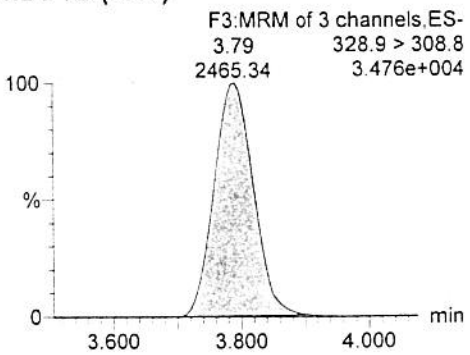
PFPeA (M+5)



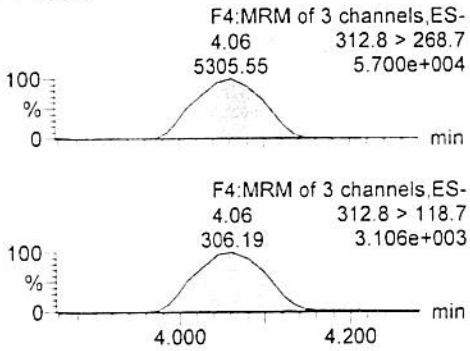
4:2 FTS



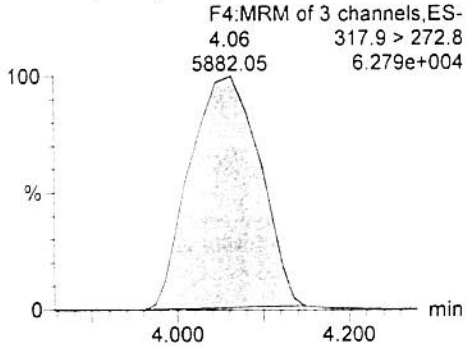
4:2 FTS (M+2)



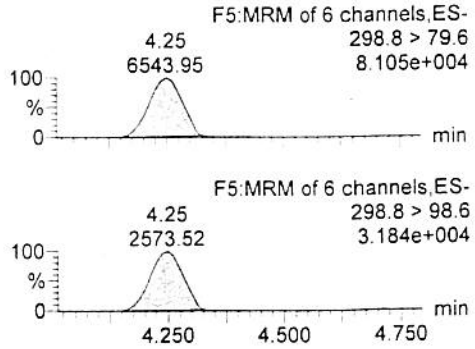
PFHxA



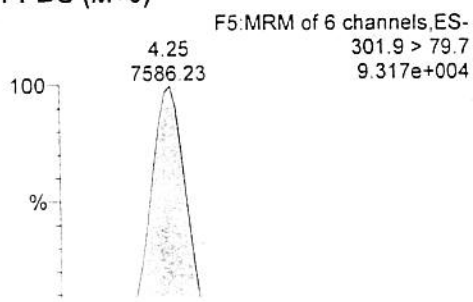
PFHxA (M+5)



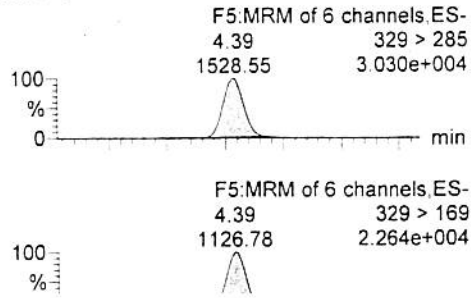
PFBS



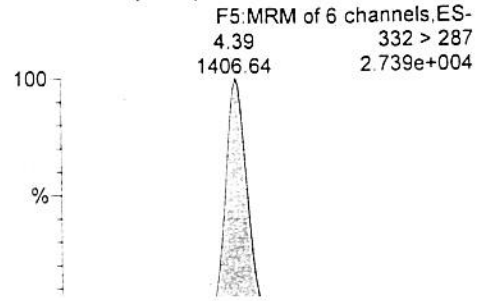
PFBS (M+3)



HFPO-DA



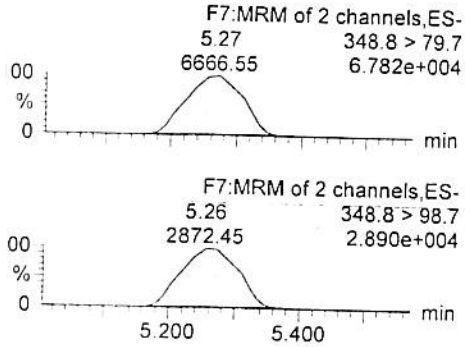
HFPO-DA (M+3)



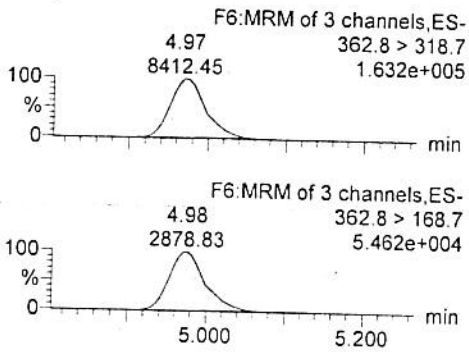
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:34 Eastern Daylight Time

Name: 800 ngL 8062815 071118, Date: 11-Jul-2018, Time: 12:44:24, Description: 800 ngL 8062815 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:3

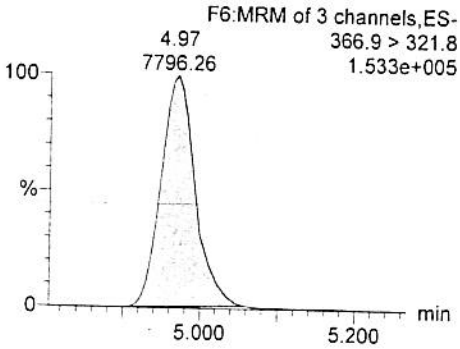
PFPeS



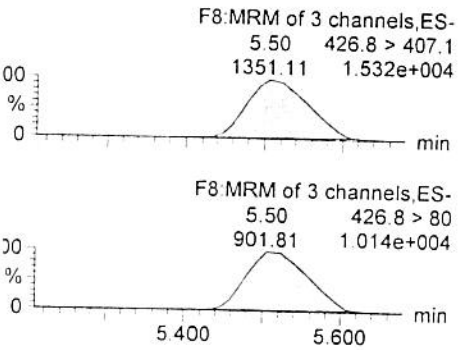
PFHpA



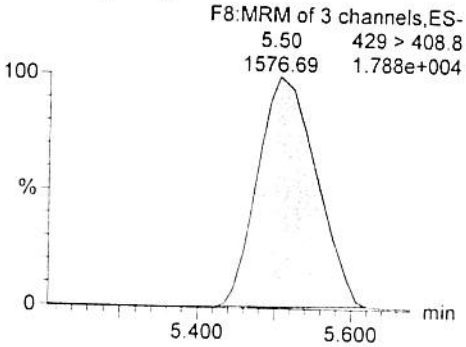
PFHpA (M+4)



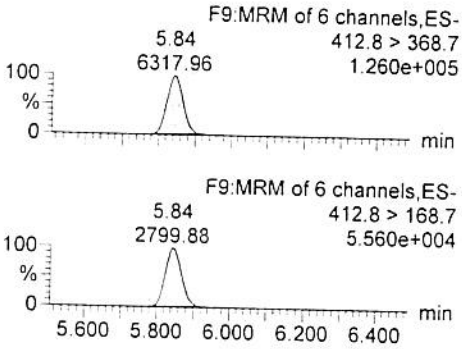
6:2 FTS



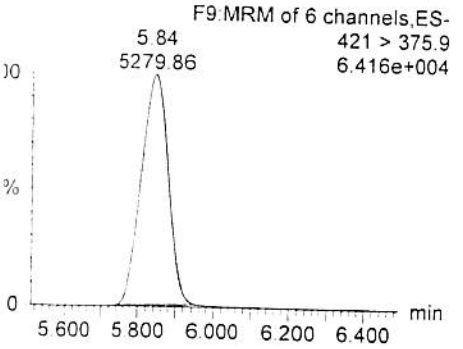
6:2 FTS (M+2)



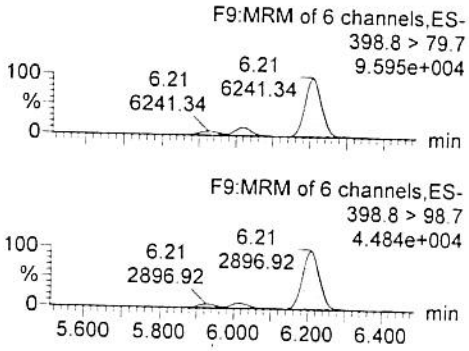
PFOA



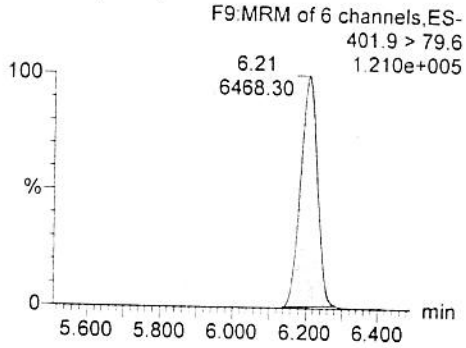
PFOA (M+8)



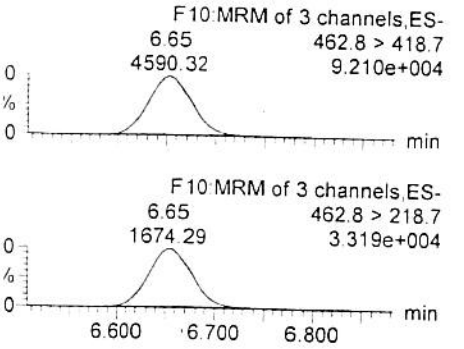
PFHxS



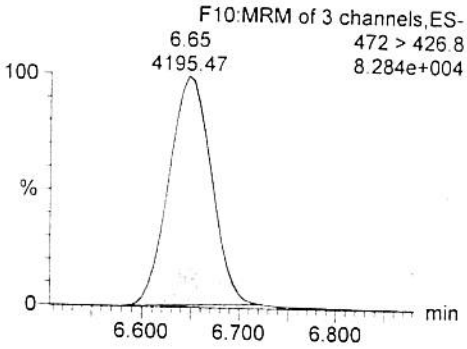
PFHxS (M+3)



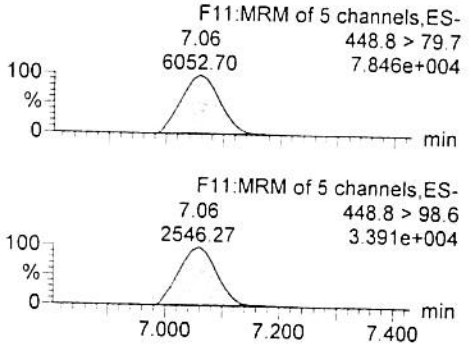
PFNA



PFNA (M+9)



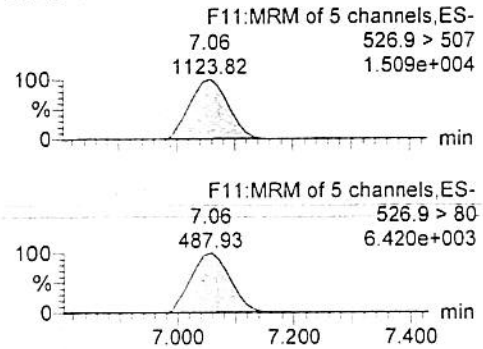
PFHpS



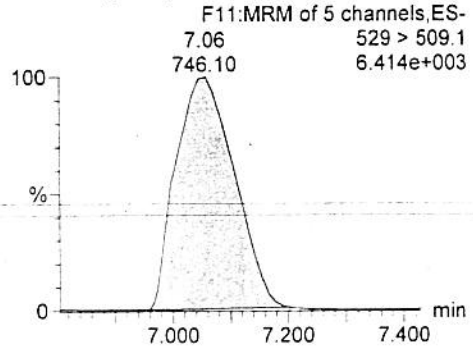
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:34 Eastern Daylight Time

Name: 800 ngL 8062815 071118, Date: 11-Jul-2018, Time: 12:44:24, Description: 800 ngL 8062815 071118, Instrument: ACQ-TQD#NotSet, User: , Vial: 1:3

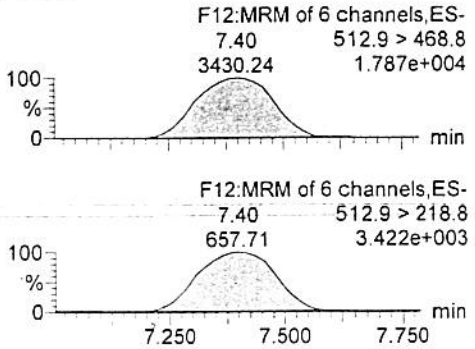
8:2 FTS



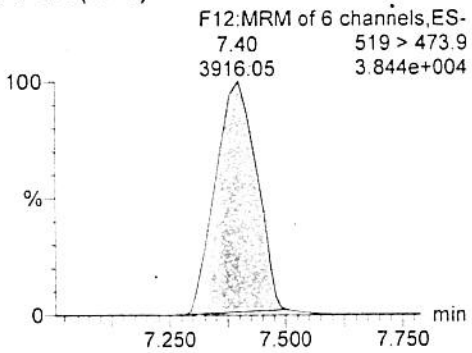
8:2 FTS (M+2)



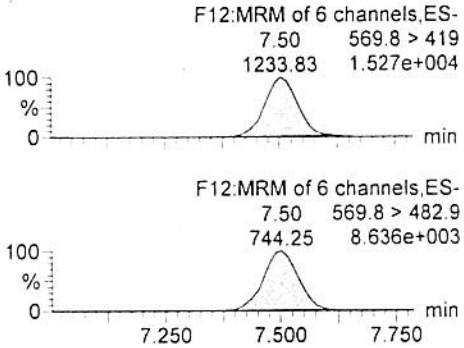
PFDA



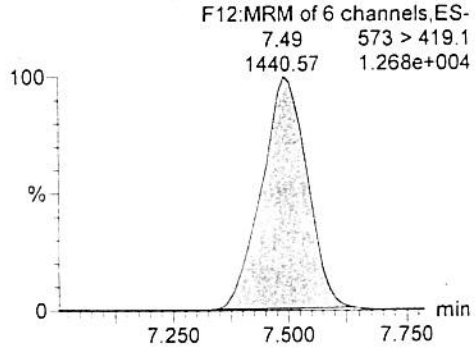
PFDA (M+6)



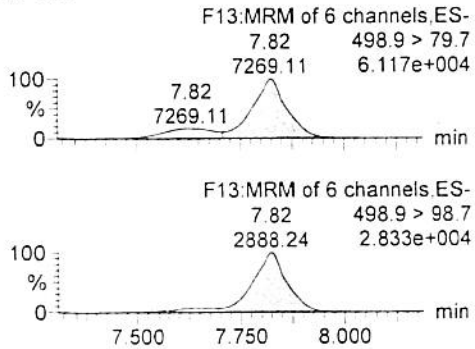
N-MeFOSAA



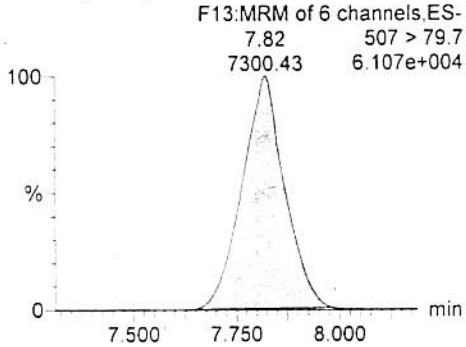
N-MeFOSAA (M+3)



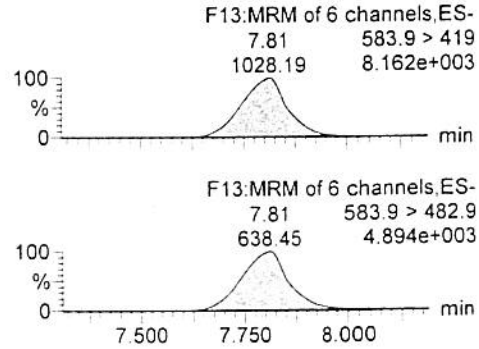
PFOS



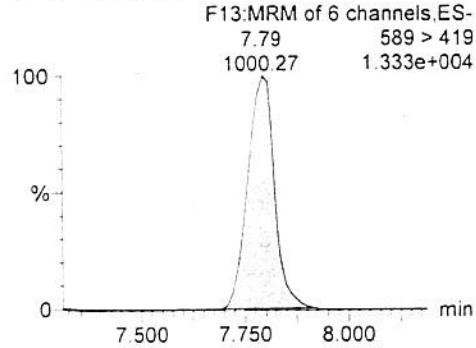
PFOS (M+8)



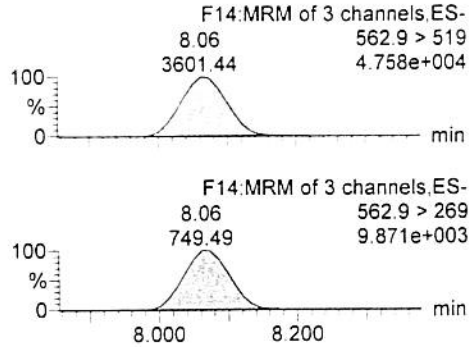
N-EtFOSAA



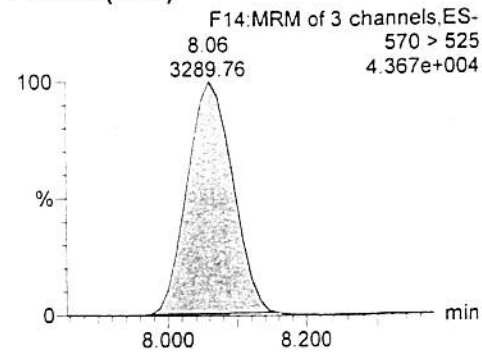
N-EtFOSAA (M+5)



PFUnA



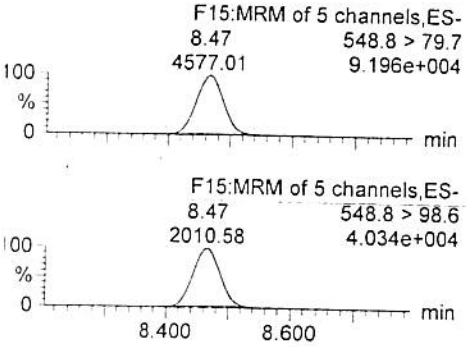
PFUnA (M+7)



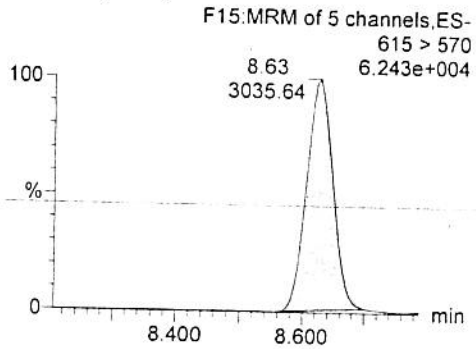
Quantify Sample Report **MassLynx 4.1 SCN919**
nstrument Name: S ITHTQ User: DB
Dataset: C:\MassLynx\PFAS_2016.PRO\20180711 ICAL.qld
Last Altered: Thursday, July 12, 2018 10:09:37 Eastern Daylight Time
Printed: Thursday, July 12, 2018 15:12:34 Eastern Daylight Time

Name: 800 ngL 8062815 071118, Date: 11-Jul-2018, Time: 12:44:24, Description: 800 ngL 8062815 071118, nstrument: ACQ-TQD#NotSet, User: , Vial: 1:3

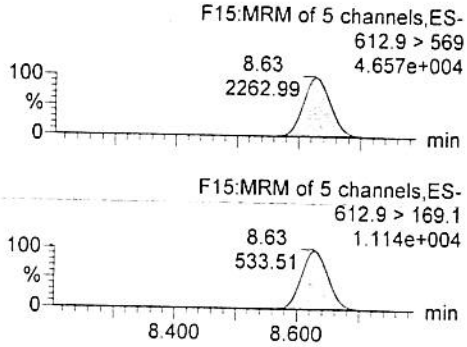
PFNS



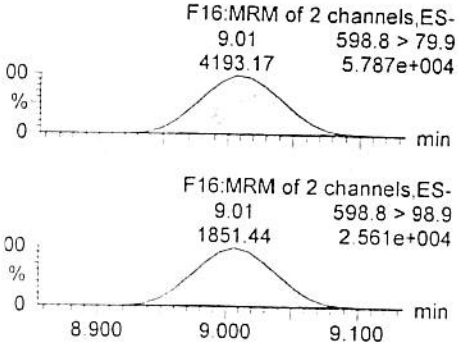
PFDoA (M+2)



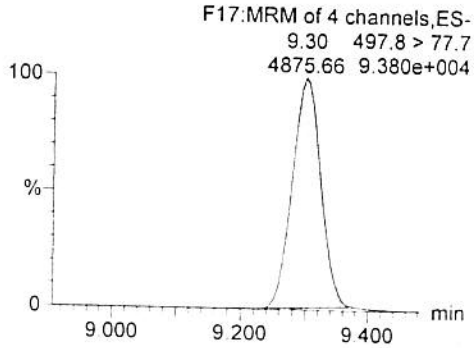
PFDoA



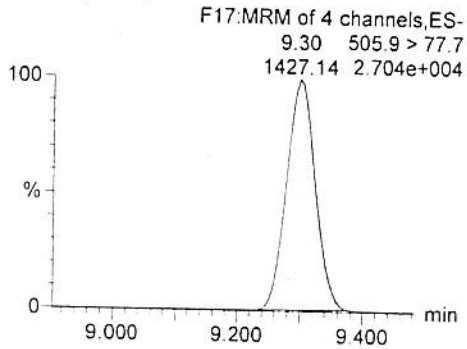
FDS



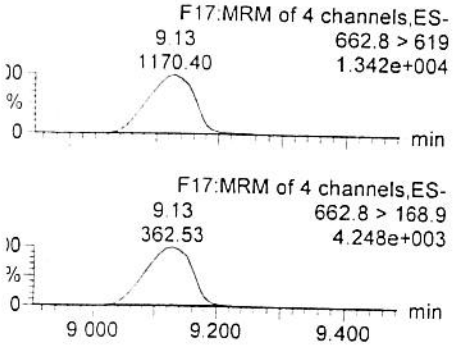
FOSA



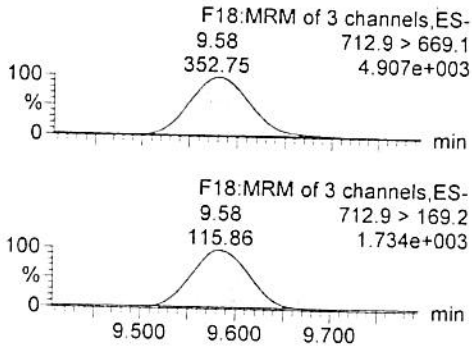
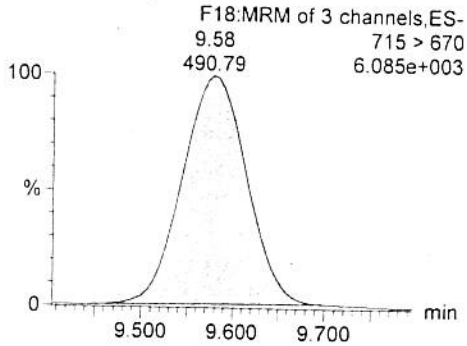
FOSA (M+8)



FTrA



PFTeA



PFTeA (M+2)