Quantitation Report (Qedit)

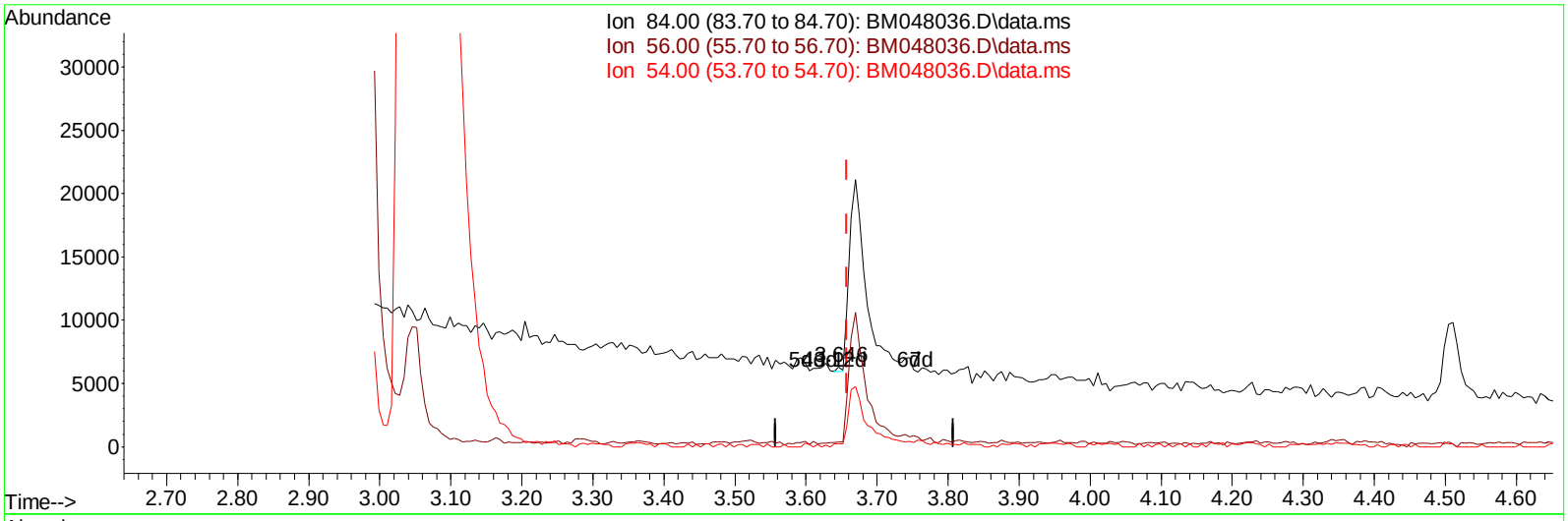
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048036.D
Acq On : 14 Oct 2024 20:12
Operator : RC/JU
Sample : P4239-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

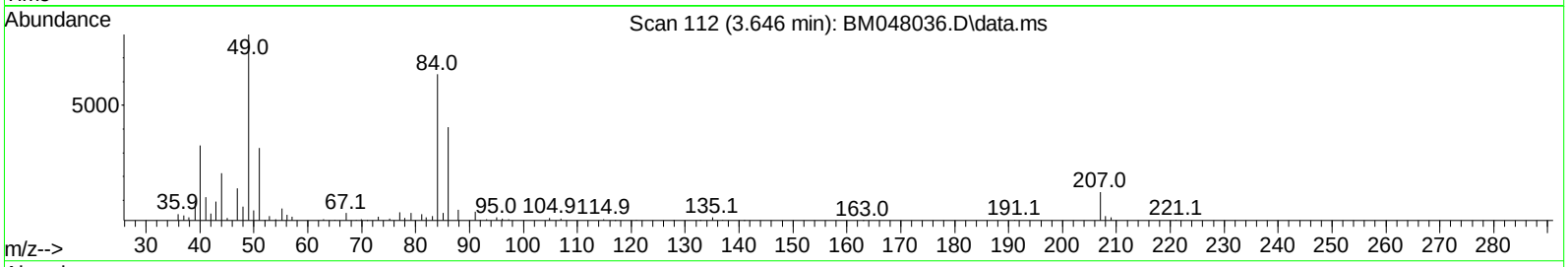
Quant Time: Oct 14 23:01:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

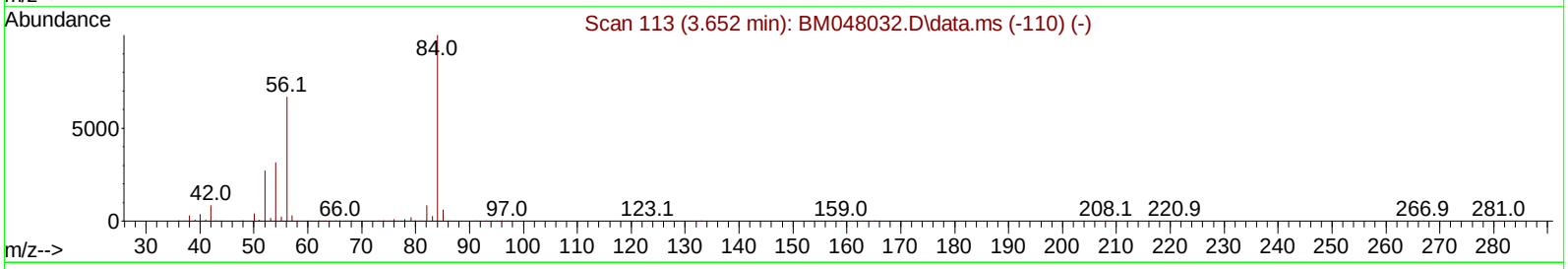
Instrument :
BNA_M
ClientSampleId :
A4ET3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048036.D\data.ms

(4) Pyridine-d5 (S)

3.646min (-0.012) 0.01 ng/ul

response 165

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	6.07#
54.00	36.10	3.34#
0.00	0.00	0.00

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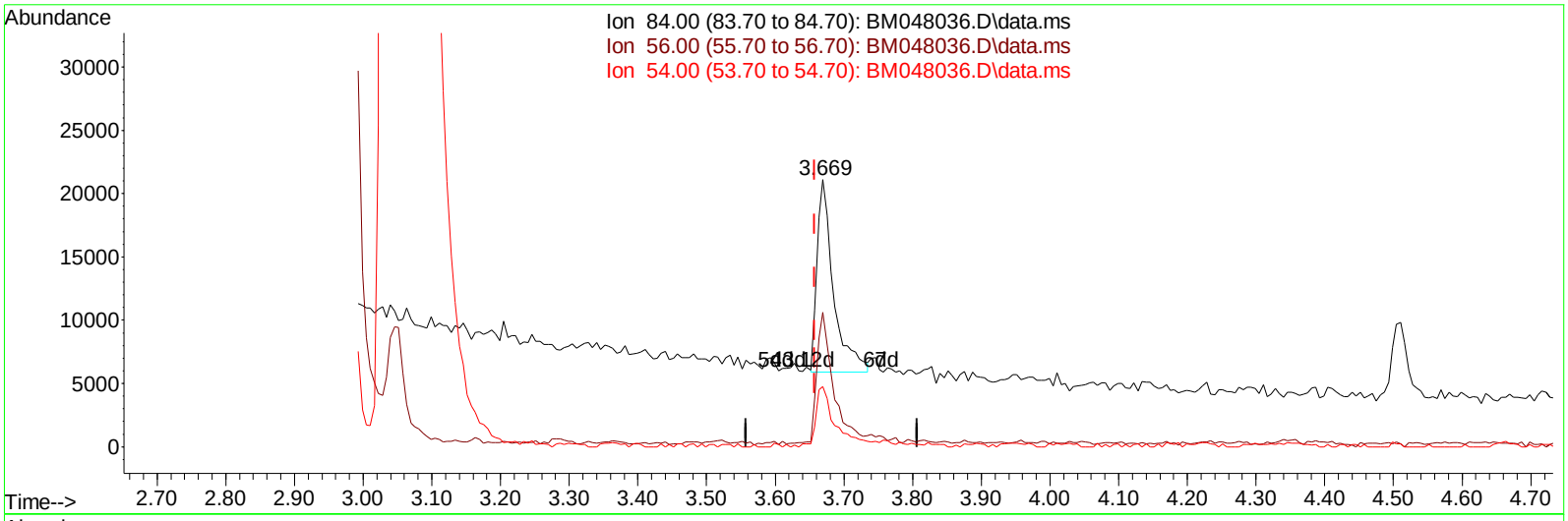

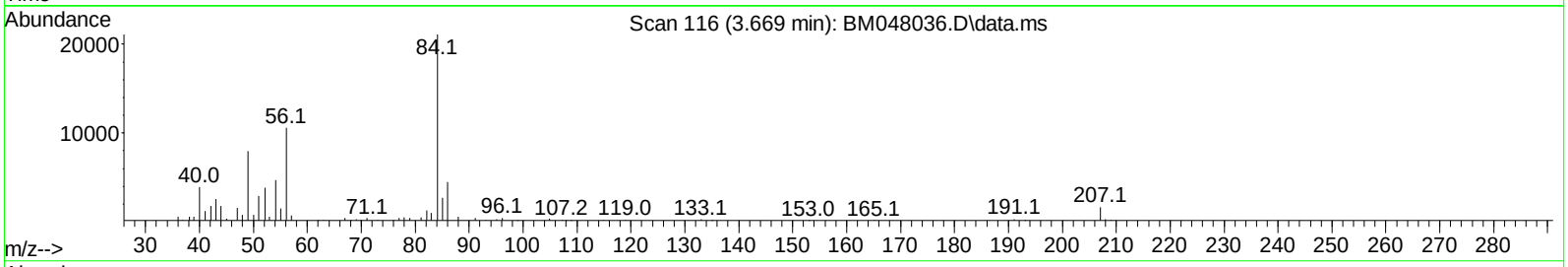

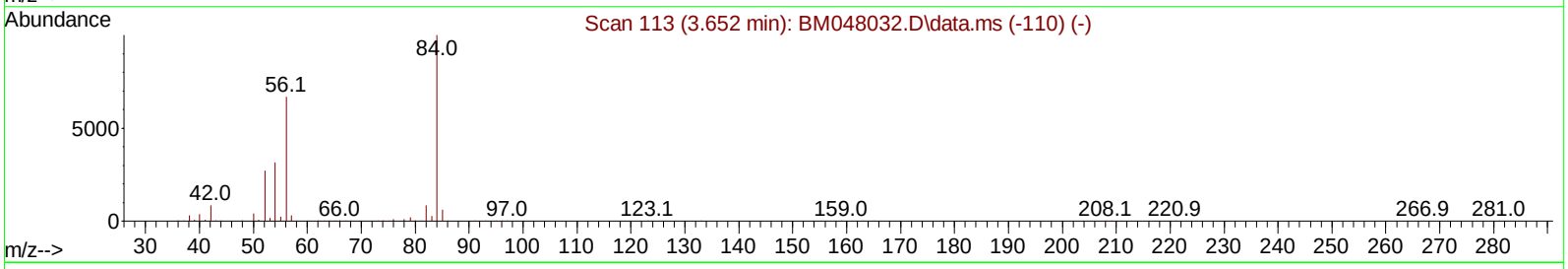

TIC: BM048036.D\data.ms

(4) Pyridine-d5 (S)

3.669min (+ 0.012) 0.77 ng/ul m

response 25085

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	75.30	50.28#
54.00	36.10	22.45#
0.00	0.00	0.00

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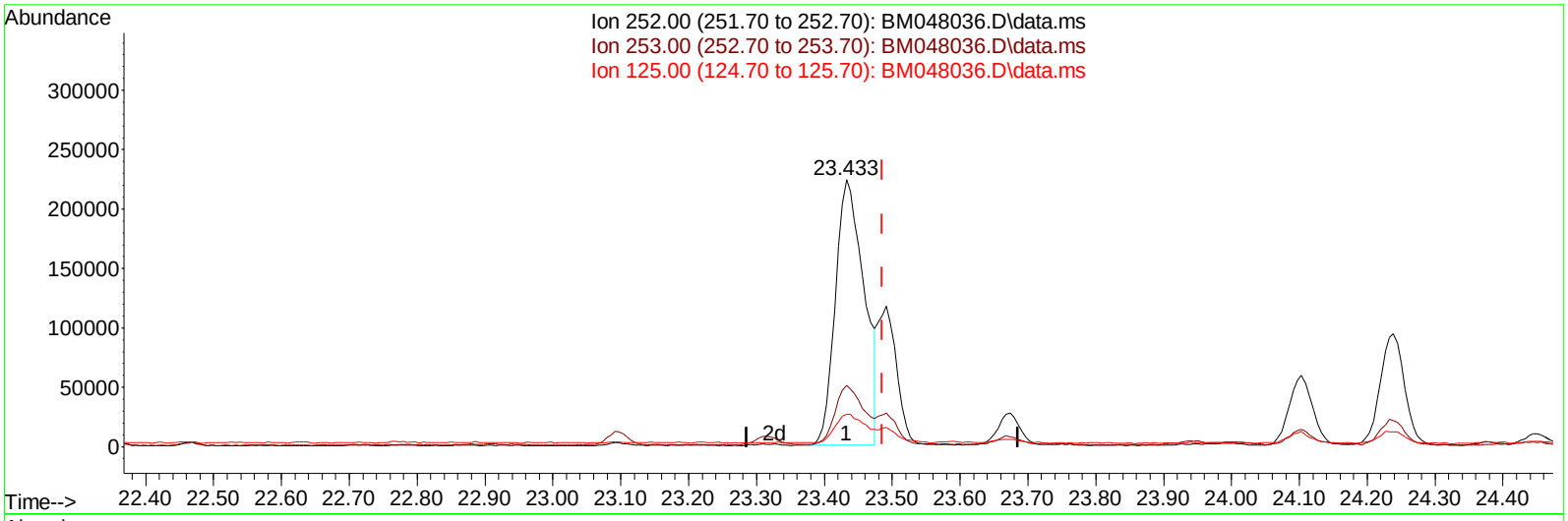

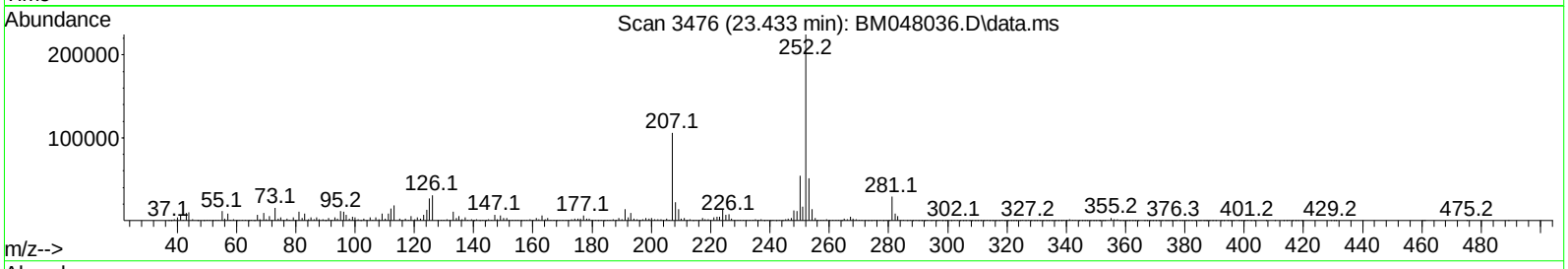

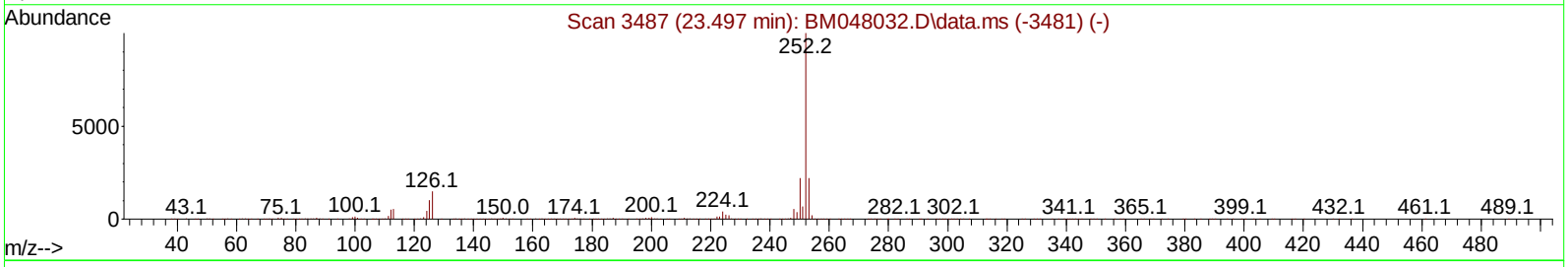

TIC: BM048036.D\data.ms

(91) Benzo(k)fluoranthene

23.433min (-0.053) 4.97 ng/ul

response 658685

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.94
125.00	11.10	12.10
0.00	0.00	0.00

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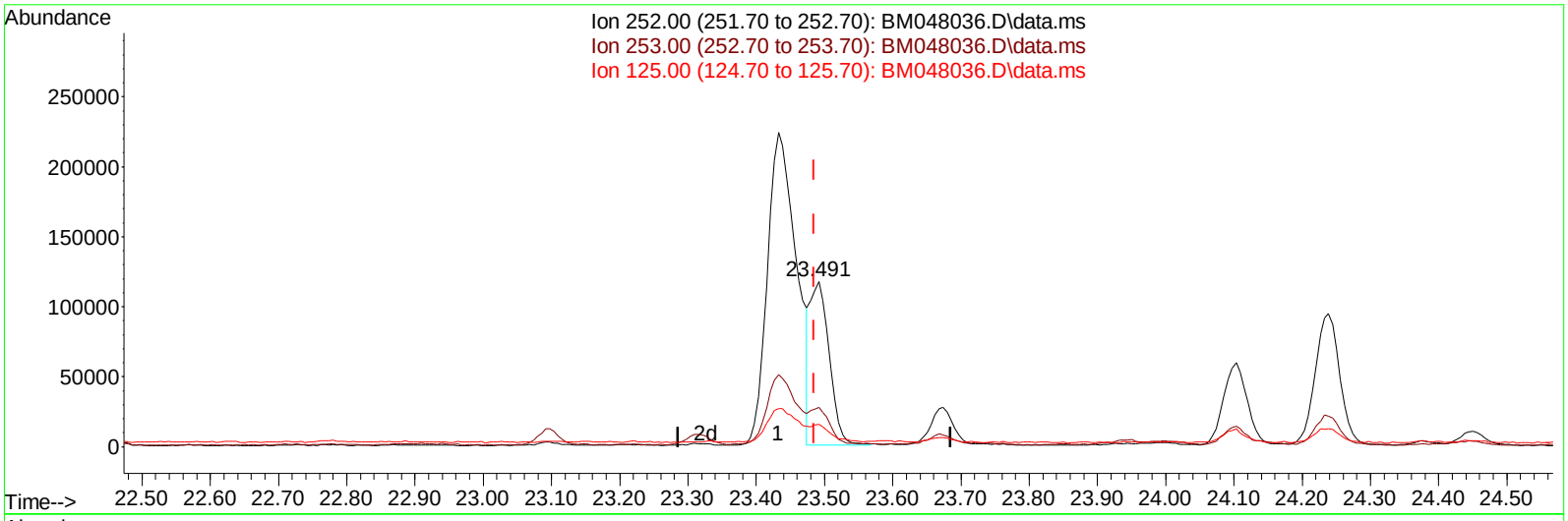

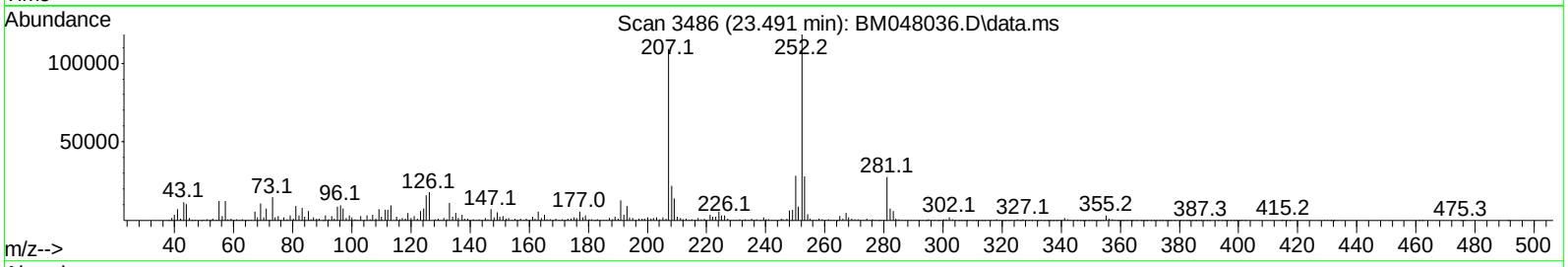

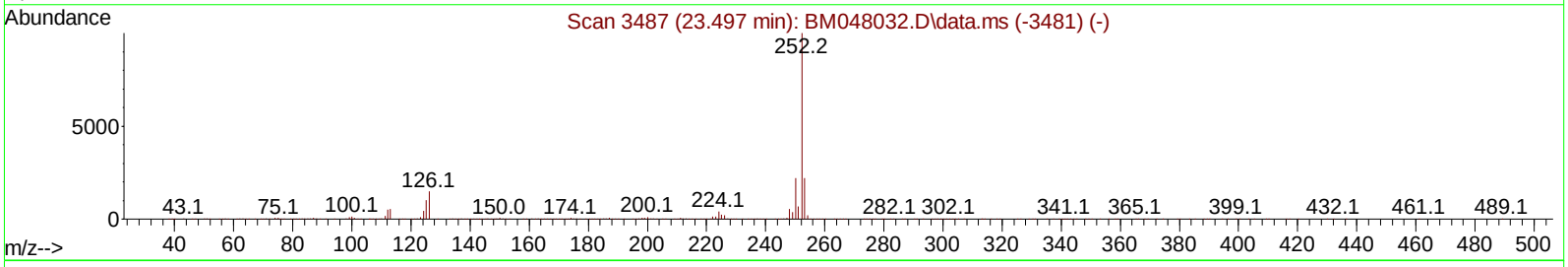

TIC: BM048036.D\data.ms

(91) Benzo(k)fluoranthene

23.491min (+ 0.006) 1.69 ng/ul m

response 224513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.98
125.00	11.10	13.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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Acq On : 14 Oct 2024 20:12
Operator : RC/JU
Sample : P4239-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 14 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	359130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1423635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	869587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1807032	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1783281	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	2078147	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12878	1.159	ng/uL	0.00
4) Pyridine-d5	3.669	84	25085m	0.771	ng/ul	0.01
7) Phenol-d5	6.957	99	212646	6.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	149106	6.188	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	203574	8.239	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	126039	4.992	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	99312	8.761	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	105747	9.735	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	179699	8.281	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	84306	2.513	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	548877	8.706	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	655901	8.775	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	50189	3.998	ng/ul	0.01
60) Fluorene-d10	15.410	176	513108	9.396	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	45738	4.325	ng/ul	0.00
73) Anthracene-d10	17.257	188	758342	8.535	ng/ul	0.00
81) Pyrene-d10	19.545	212	902378	8.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	733055	6.799	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.204	178	292880	2.764	ng/ul	100
80) Fluoranthene	19.215	202	838872	7.038	ng/ul	97
82) Pyrene	19.574	202	623741	4.701	ng/ul	96
85) Benzo(a)anthracene	21.368	228	375432	3.007	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	113142	1.607	ng/ul#	95
87) Chrysene	21.427	228	462691	3.801	ng/ul	98
90) Benzo(b)fluoranthene	23.433	252	658685	5.083	ng/ul	98
91) Benzo(k)fluoranthene	23.491	252	224513m	1.694	ng/ul	
93) Benzo(a)pyrene	24.238	252	232604	1.890	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.750	276	242463	1.537	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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