Quantitation Report (Qedit)

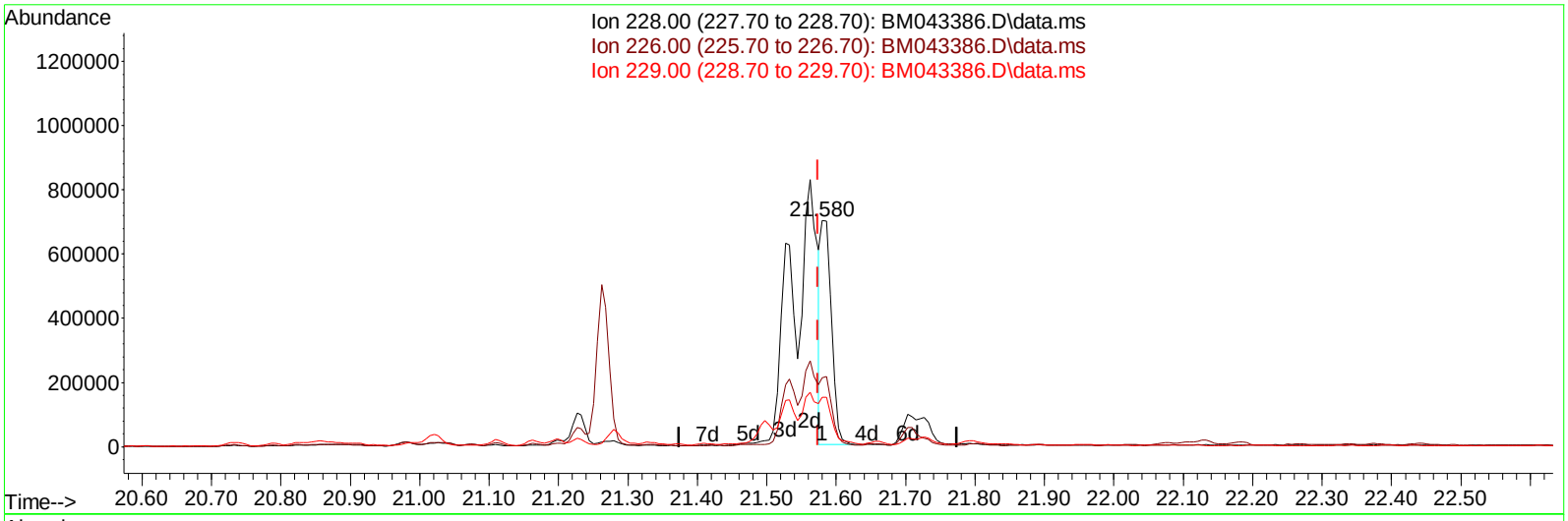
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043386.D
Acq On : 18 Dec 2023 10:50
Operator : MA/JU
Sample : 05626-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

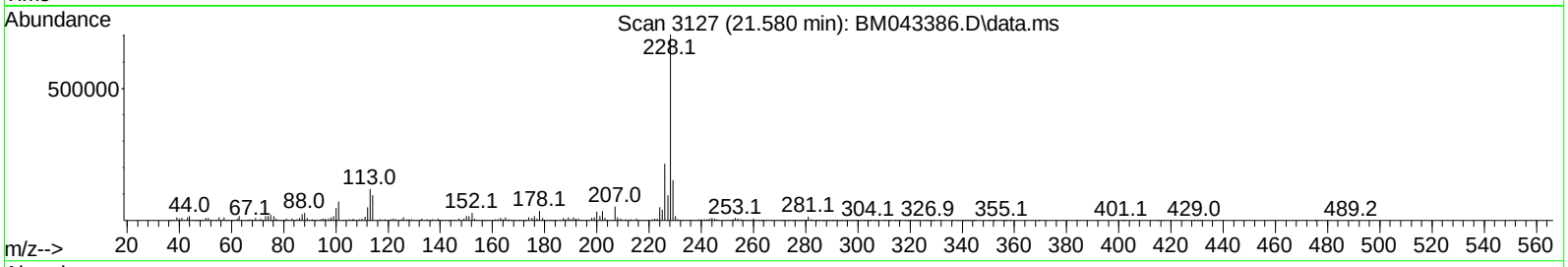
Quant Time: Dec 19 00:25:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

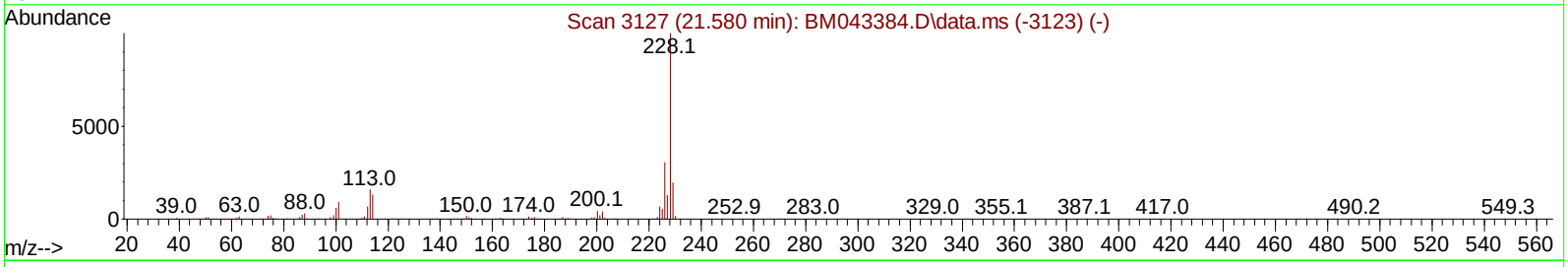
Instrument :
BNA_M
ClientSampleId :
DCLG2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043386.D\data.ms

(87) Chrysene

21.580min (+ 0.006) 8.39 ng/ul

response 754012

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	30.44
229.00	19.90	21.79
0.00	0.00	0.00

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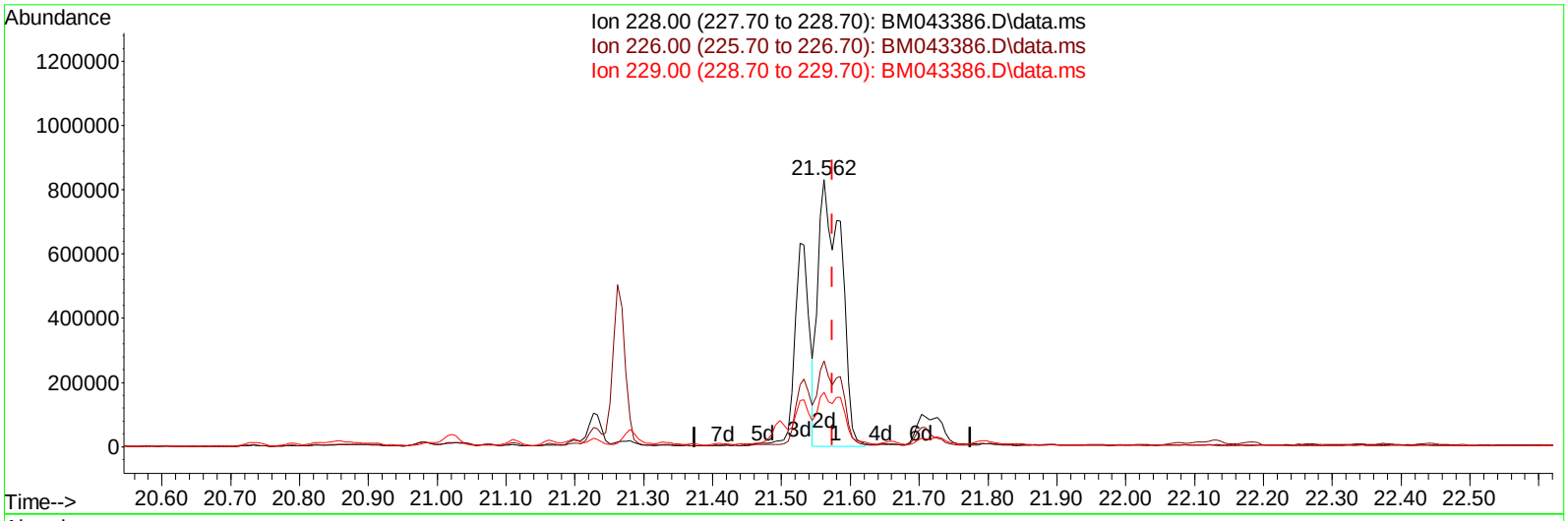

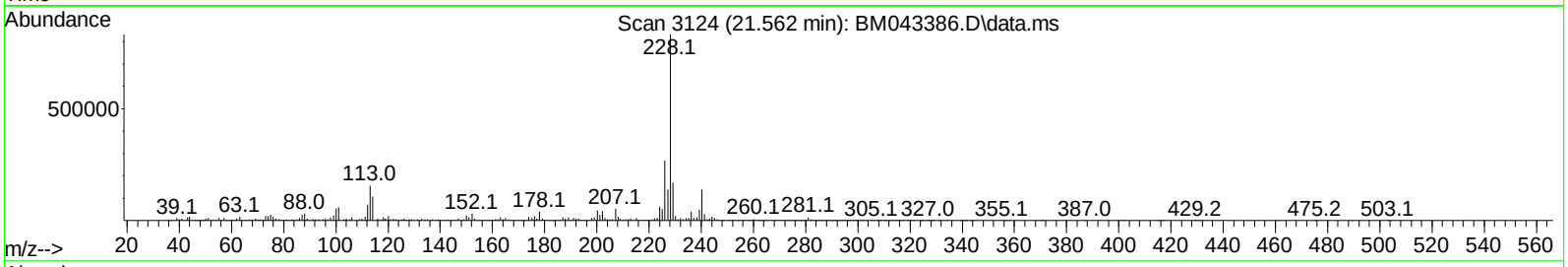

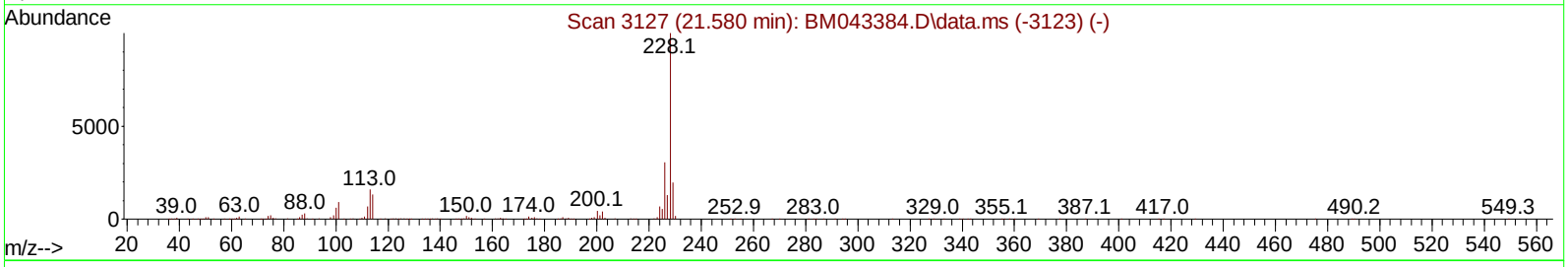

TIC: BM043386.D\data.ms

(87) Chrysene

21.562min (-0.012) 21.29 ng/ul m

response 1912841

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	32.31
229.00	19.90	20.46
0.00	0.00	0.00

Quantitation Report (Qedit)

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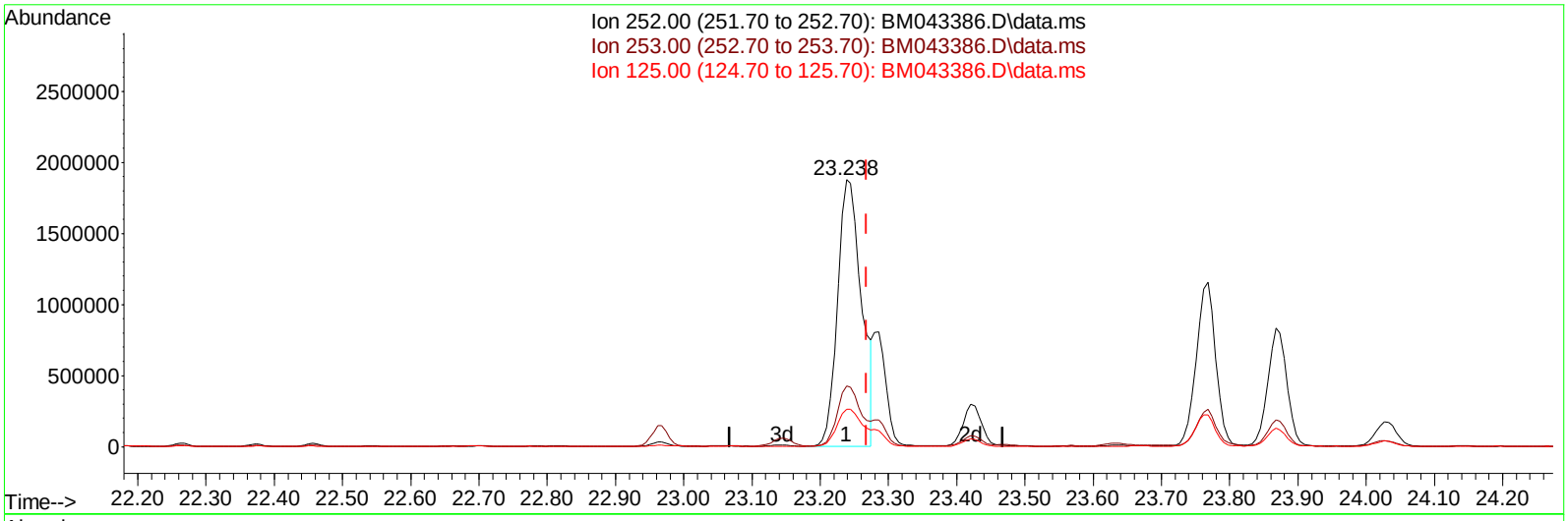

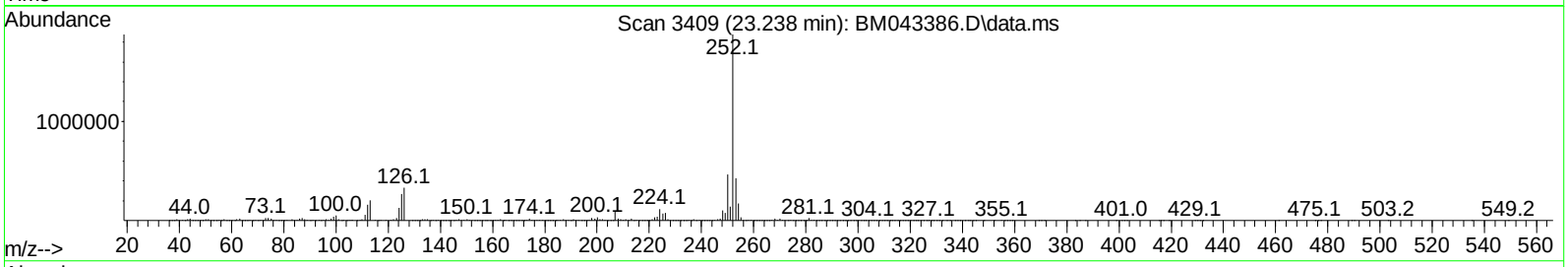

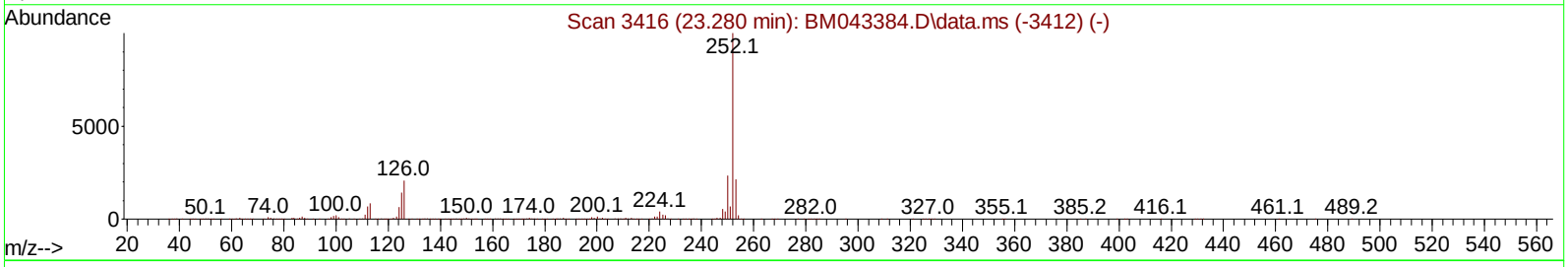

TIC: BM043386.D\data.ms

(91) Benzo(k)fluoranthene

23.238min (-0.029) 46.38 ng/ul

response 4564450

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.79
125.00	12.80	14.13
0.00	0.00	0.00

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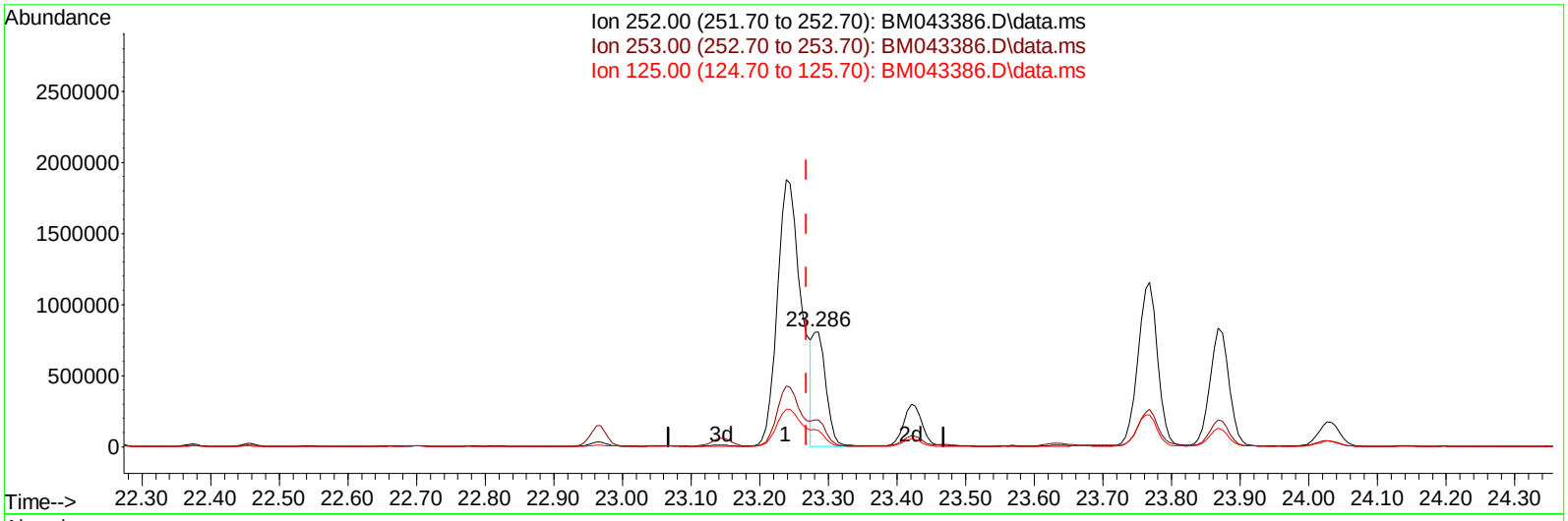

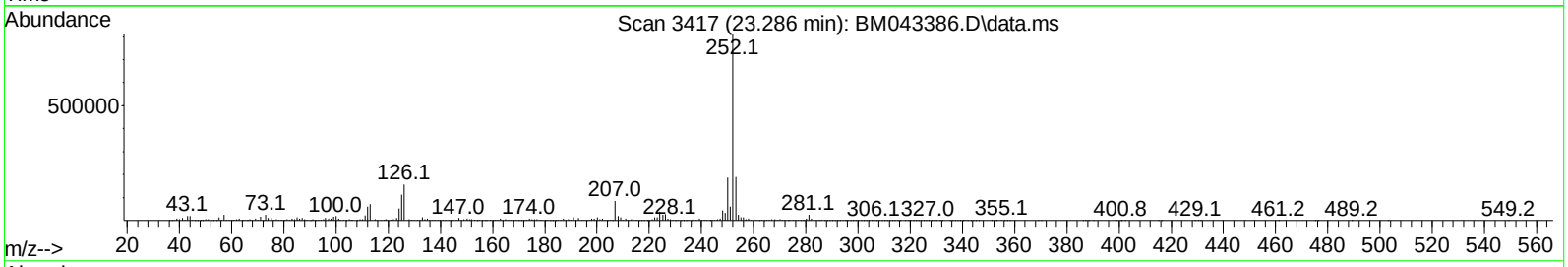

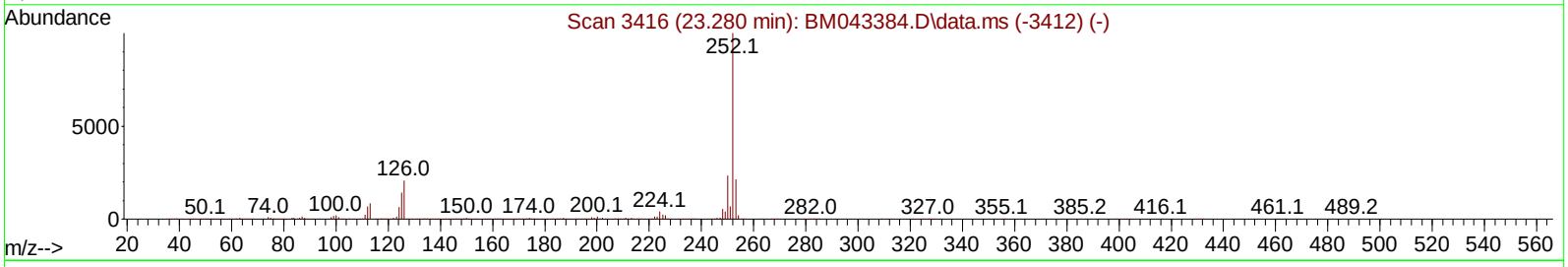

TIC: BM043386.D\data.ms

(91) Benzo(k)fluoranthene

23.286min (+ 0.018) 10.68 ng/ul m

response 1051570

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.43
125.00	12.80	13.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 18 Dec 2023 10:50
Operator : MA/JU
Sample : 05626-16
Misc :
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Quant Time: Dec 19 00:46:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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	7.992	152	444709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2002338	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1031867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1748334	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1194622	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1316854	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	50454	3.687	ng/uL	0.00
4) Pyridine-d5	3.810	84	258869	6.573	ng/ul	0.00
7) Phenol-d5	7.151	99	1115258	22.045	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	727223	22.698	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	829009	21.462	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	891918	22.720	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	416606	21.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	421062	21.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	731843	20.711	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	828585	15.939	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2121568	22.840	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	2540258	23.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	297674	16.932	ng/ul	0.00
60) Fluorene-d10	15.615	176	1754703	22.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	207780	17.970	ng/ul	0.00
73) Anthracene-d10	17.468	188	2336709	23.832	ng/ul	0.00
81) Pyrene-d10	19.750	212	2206341	23.393	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1958266	24.098	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.857	128	16030462	125.617	ng/ul#	93
36) 2-Methylnaphthalene	12.457	142	1273506	14.660	ng/ul	99
37) 1-Methylnaphthalene	12.674	142	894634	10.211	ng/ul	100
50) Acenaphthylene	14.345	152	317366	2.508	ng/ul	99
52) Acenaphthene	14.686	153	282944	3.393	ng/ul	98
61) Fluorene	15.668	166	104011	1.130	ng/ul	98
72) Phenanthrene	17.409	178	403447	3.405	ng/ul	99
74) Anthracene	17.498	178	703894	5.886	ng/ul	99
80) Fluoranthene	19.421	202	1743564	14.928	ng/ul	99
82) Pyrene	19.786	202	2099187	17.483	ng/ul	98
85) Benzo(a)anthracene	21.527	228	904121	9.051	ng/ul	94
87) Chrysene	21.562	228	1912841m	21.285	ng/ul	
90) Benzo(b)fluoranthene	23.238	252	4564450	45.231	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	1051570m	10.684	ng/ul	
93) Benzo(a)pyrene	23.868	252	1607976	17.465	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	1347764	12.260	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	332485	3.652	ng/ul#	78
96) Benzo(g,h,i)perylene	27.279	276	407531	4.729	ng/ul	99

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

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