Quantitation Report (Qedit)

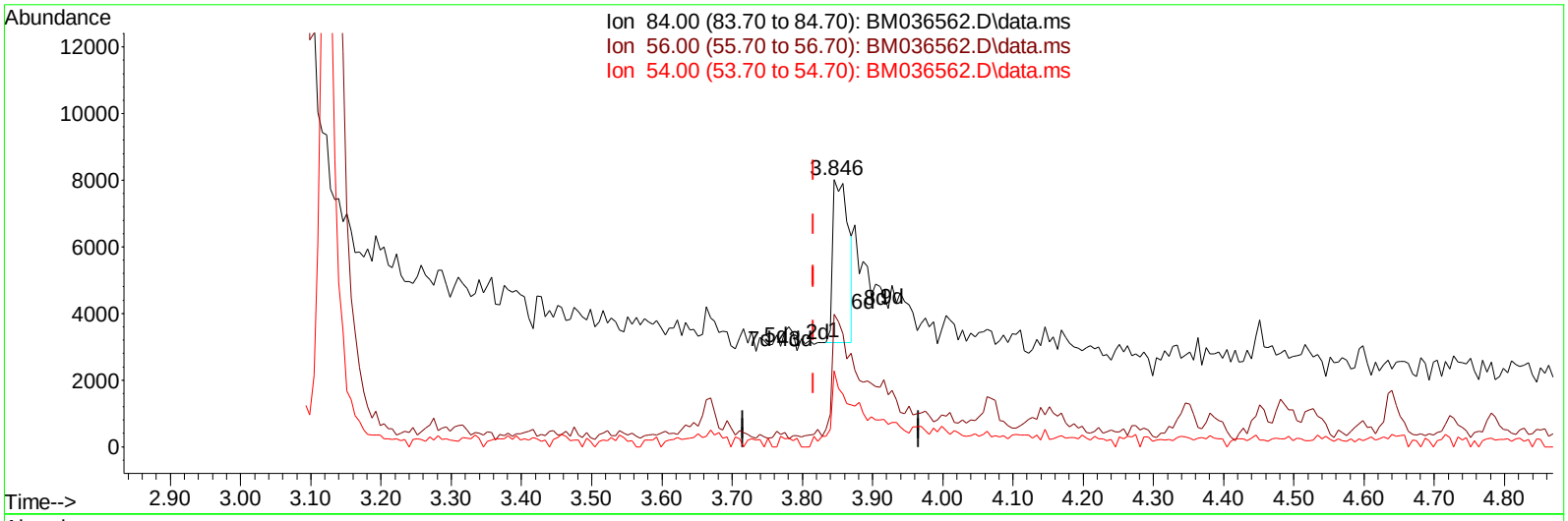
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036562.D
Acq On : 16 Sep 2022 14:46
Operator : CG/JU
Sample : N4601-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

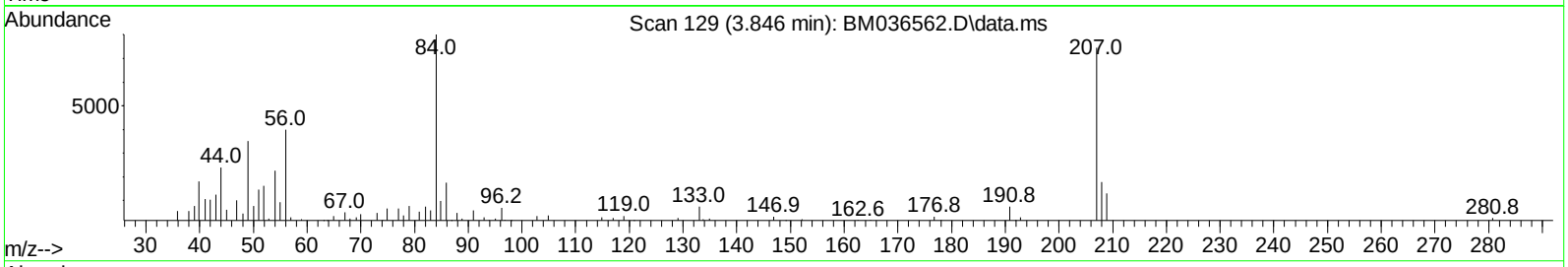
Quant Time: Sep 16 22:59:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

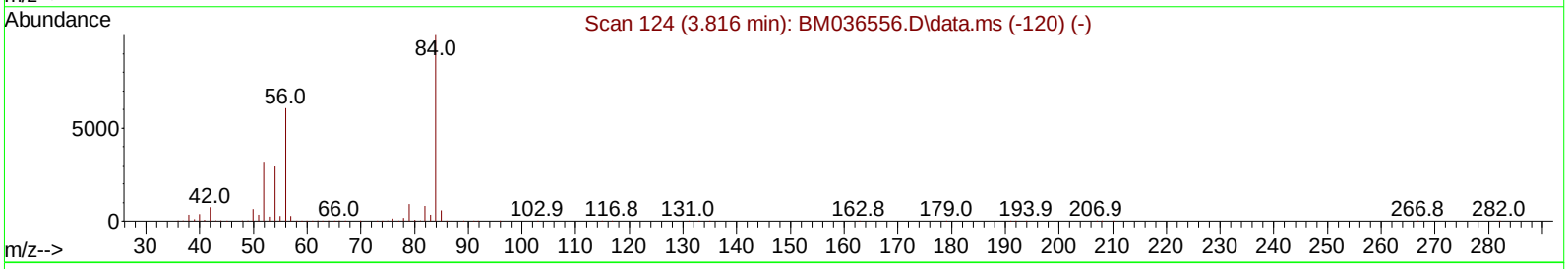
Instrument :
BNA_M
ClientSampleId :
A5755

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036562.D\data.ms

(4) Pyridine-d5 (S)

3.846min (+ 0.030) 0.29 ng/ul

response 7546

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.90	49.68
54.00	30.90	28.32
0.00	0.00	0.00

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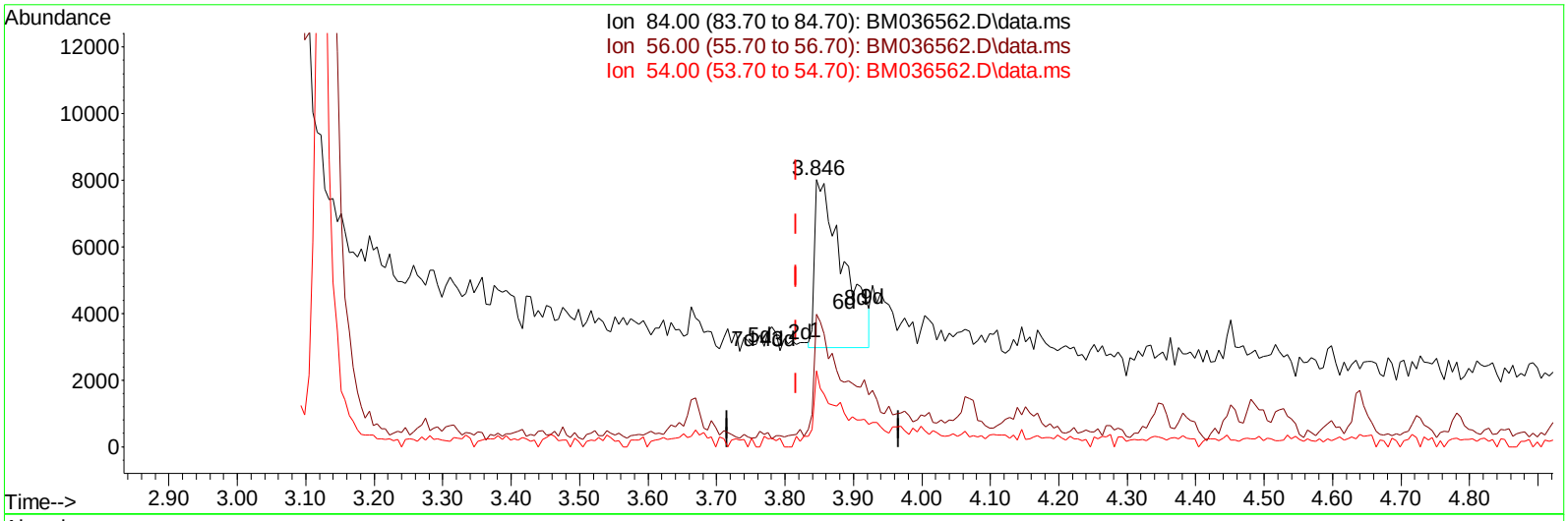

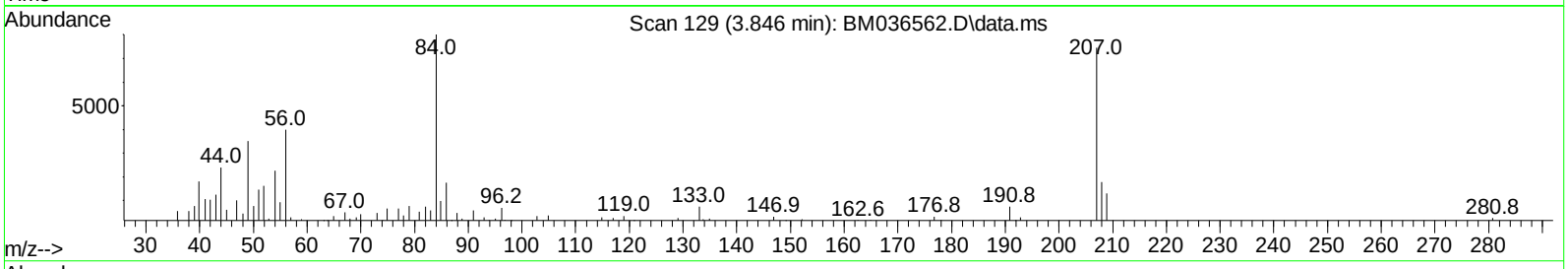

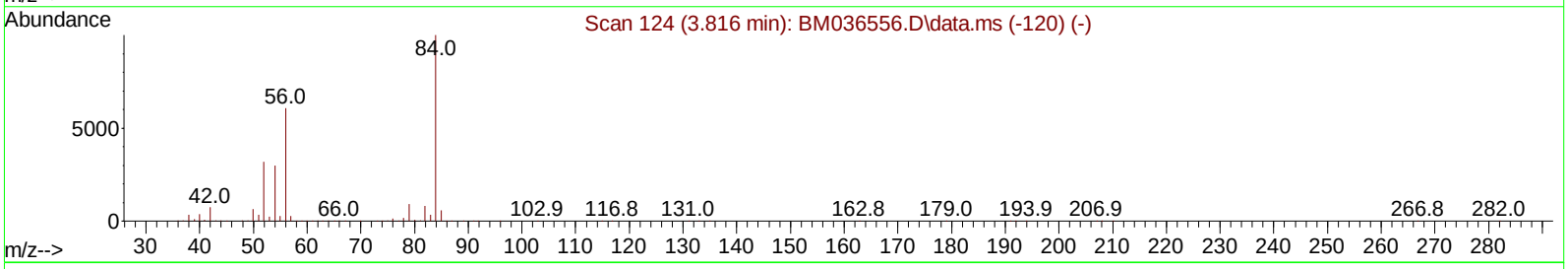

TIC: BM036562.D\data.ms

(4) Pyridine-d5 (S)

3.846min (+ 0.030) 0.55 ng/ul m

response 14570

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.90	49.68
54.00	30.90	28.32
0.00	0.00	0.00

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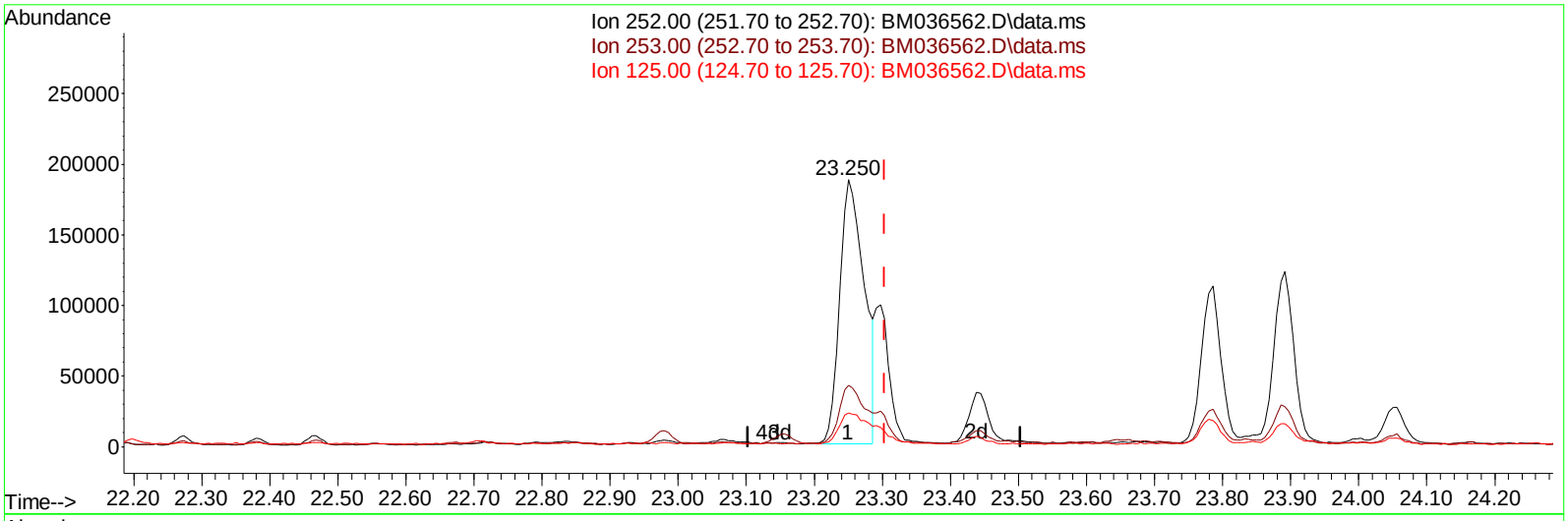

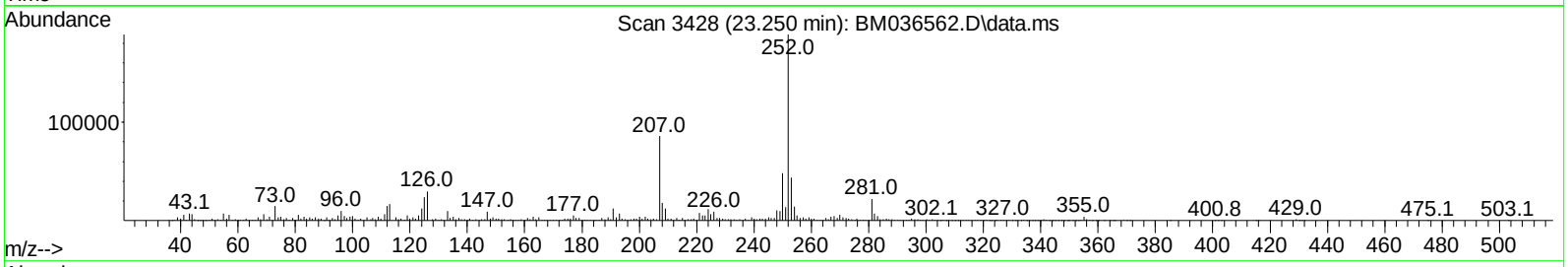

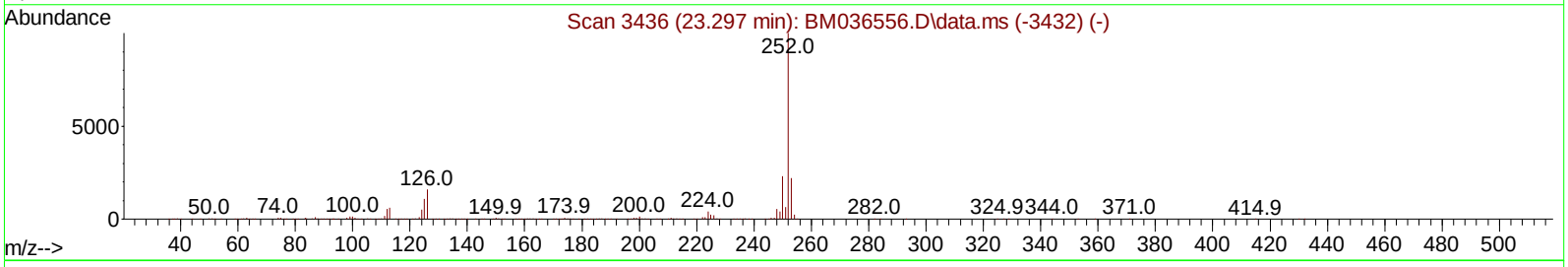

TIC: BM036562.D\data.ms

(91) Benzo(k)fluoranthene

23.250min (-0.053) 3.63 ng/ul

response 472037

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.96
125.00	10.30	12.63#
0.00	0.00	0.00

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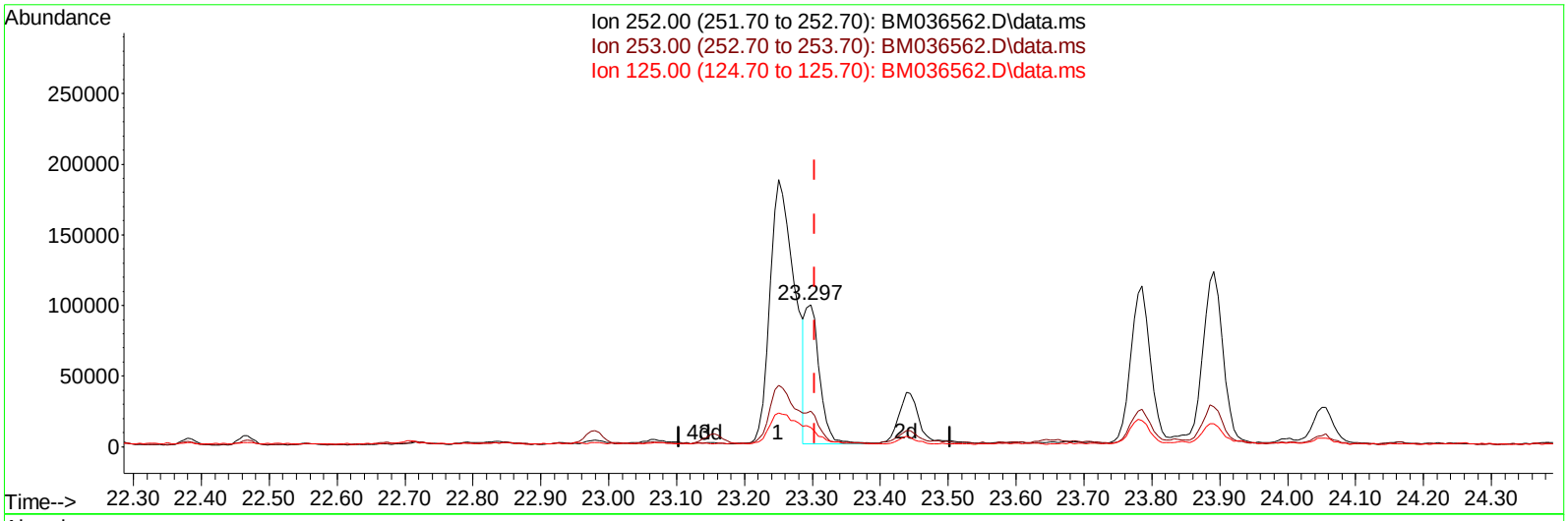

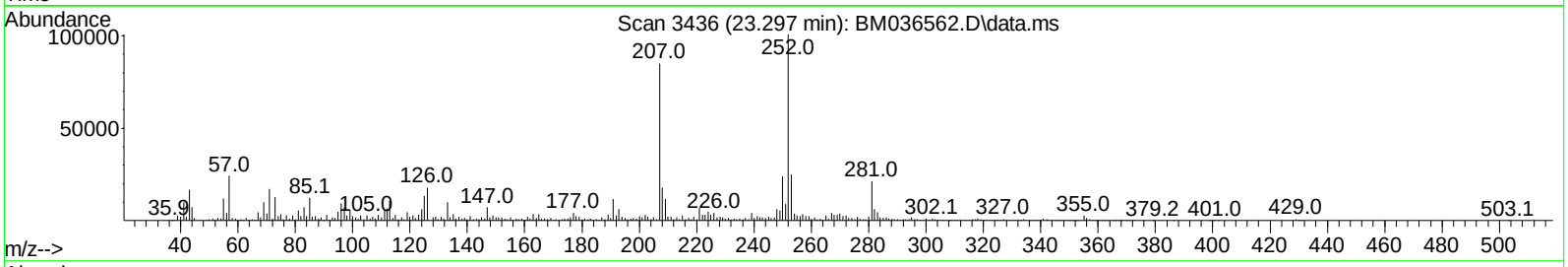

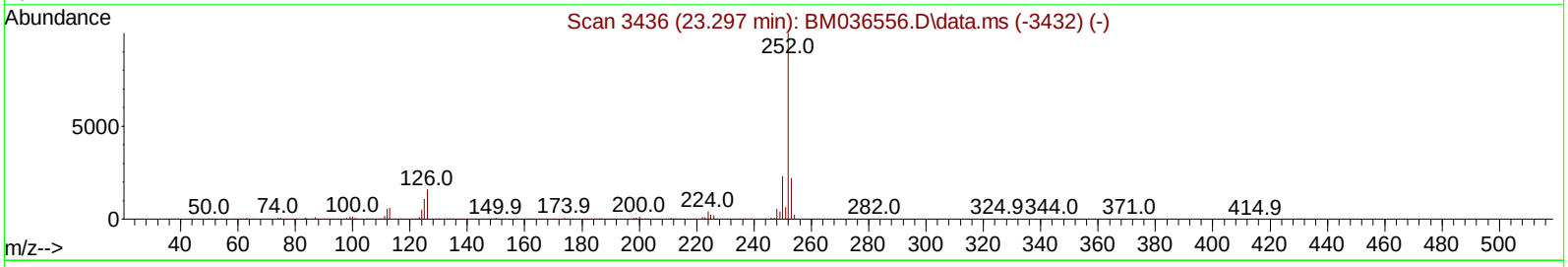

TIC: BM036562.D\data.ms

(91) Benzo(k)fluoranthene

23.297min (-0.006) 1.11 ng/ul m

response 144534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.98
125.00	10.30	13.36#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	338564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1527161	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	997684	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2060465	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2038556	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	2049928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33281	3.685	ng/uL	0.00
4) Pyridine-d5	3.846	84	14570m	0.553	ng/ul	0.03
7) Phenol-d5	7.169	99	652171	21.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	427323	23.257	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	529603	24.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	437525	19.571	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	272298	26.343	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	271264	29.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	547654	25.523	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	409297	11.473	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1978512	29.404	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2307813	28.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	244925	18.767	ng/ul	0.00
60) Fluorene-d10	15.639	176	1773322	29.408	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	181119	22.217	ng/ul	0.00
73) Anthracene-d10	17.486	188	2689931	28.553	ng/ul	0.00
81) Pyrene-d10	19.768	212	3204627	31.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	3024224	30.197	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.886	128	170511	2.050	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	191844	3.461	ng/ul	97
37) 1-Methylnaphthalene	12.704	142	181558	3.258	ng/ul	96
72) Phenanthrene	17.427	178	538254	4.743	ng/ul	99
80) Fluoranthene	19.433	202	560592	4.562	ng/ul	99
82) Pyrene	19.792	202	498697	3.834	ng/ul	97
85) Benzo(a)anthracene	21.539	228	314446	2.462	ng/ul#	88
87) Chrysene	21.592	228	435602	3.593	ng/ul#	95
90) Benzo(b)fluoranthene	23.250	252	472037	3.631	ng/ul	98
91) Benzo(k)fluoranthene	23.297	252	144534m	1.113	ng/ul	
93) Benzo(a)pyrene	23.891	252	247372	2.165	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	167518	1.255	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	140852	1.217	ng/ul	97

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

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