Quantitation Report (Qedit)

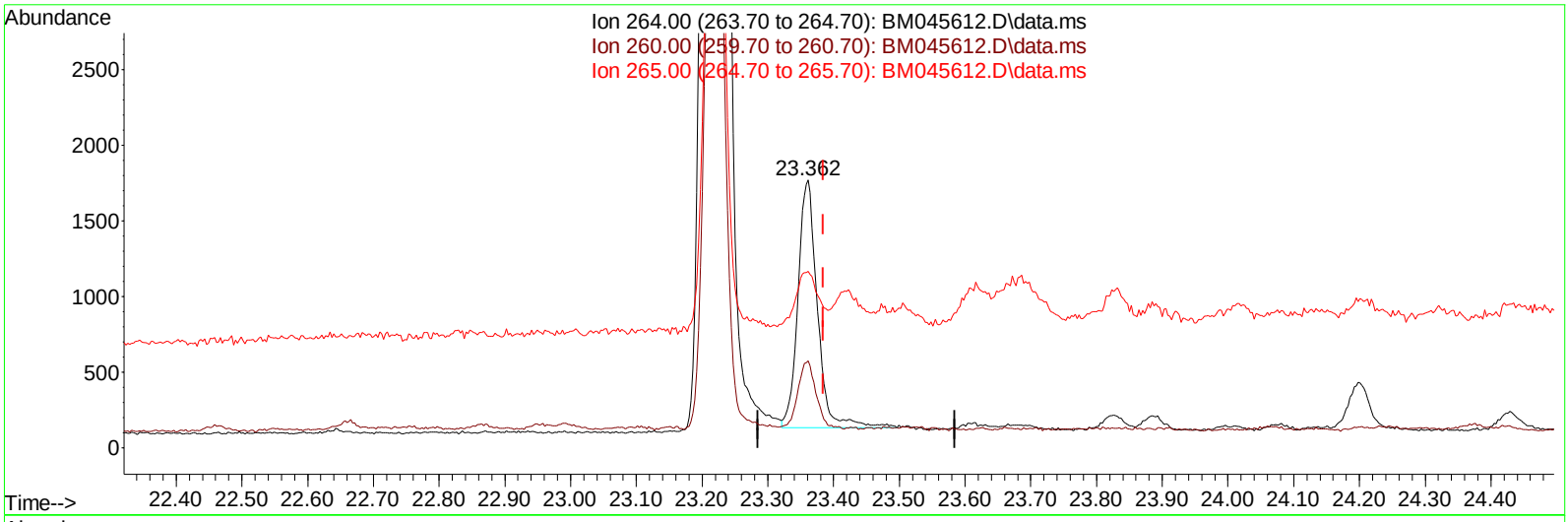
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045612.D
Acq On : 27 Apr 2024 14:43
Operator : MA/JU
Sample : P2203-19DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

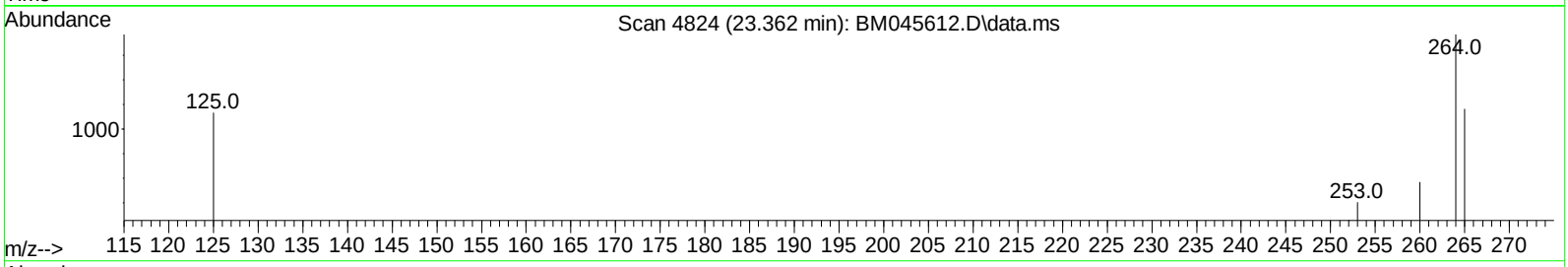
Quant Time: Apr 28 22:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

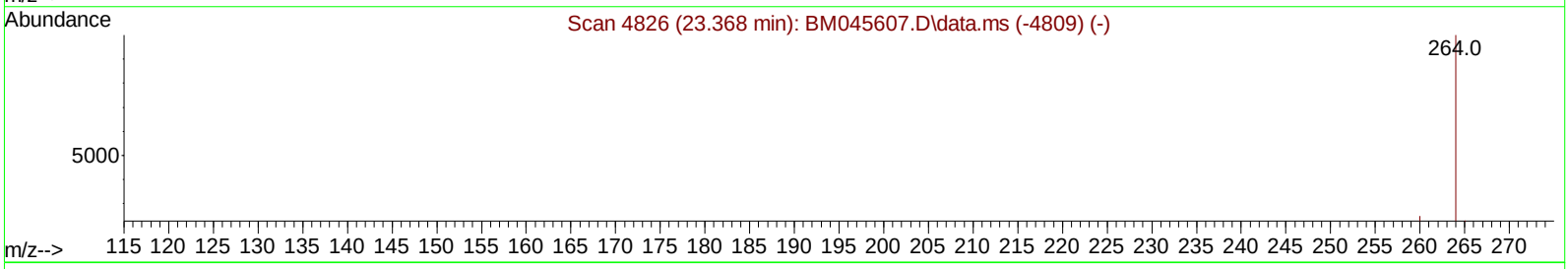
Instrument :
BNA_M
ClientSampleId :
E1CY7DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024







TIC: BM045612.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.023) 0.40 ng/ul

response 3385

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	32.39
265.00	86.70	65.97#
0.00	0.00	0.00

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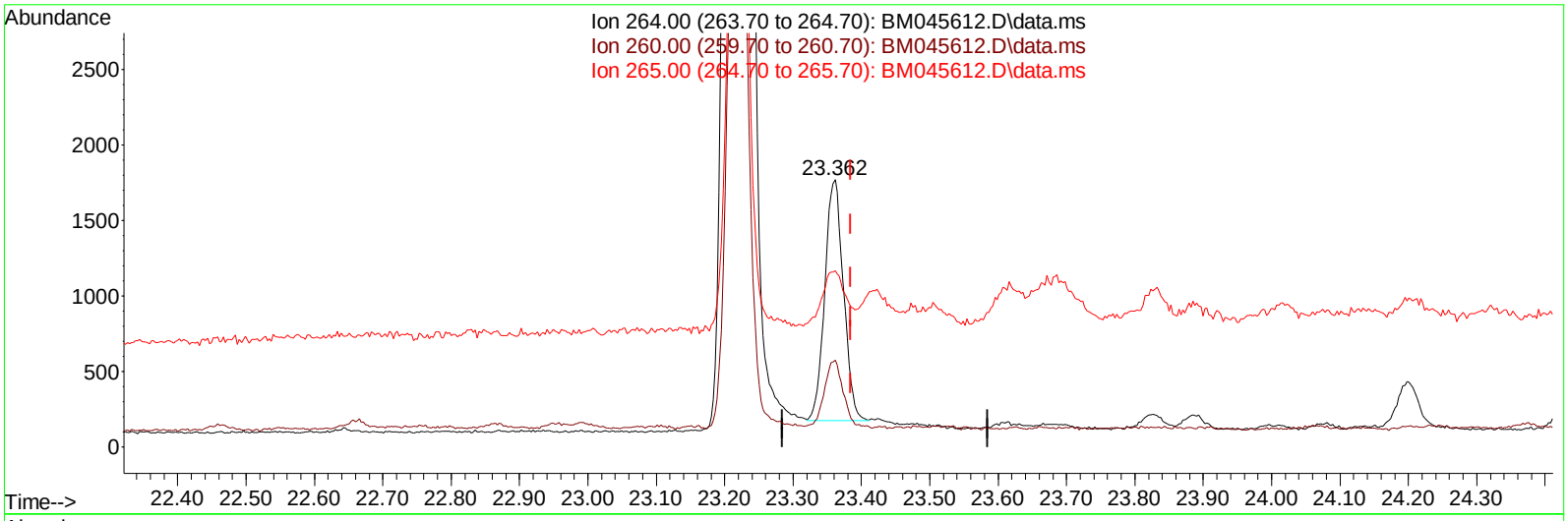

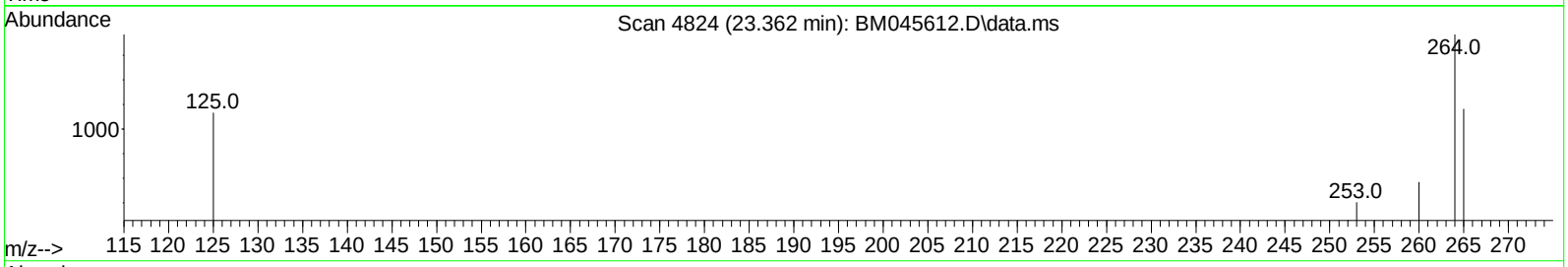

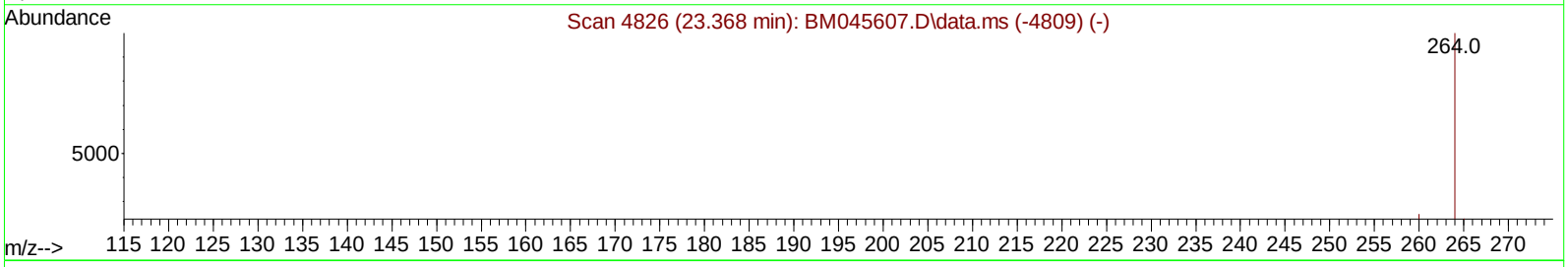

TIC: BM045612.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.023) 0.40 ng/ul m

response 3031

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	32.39
265.00	86.70	65.97#
0.00	0.00	0.00

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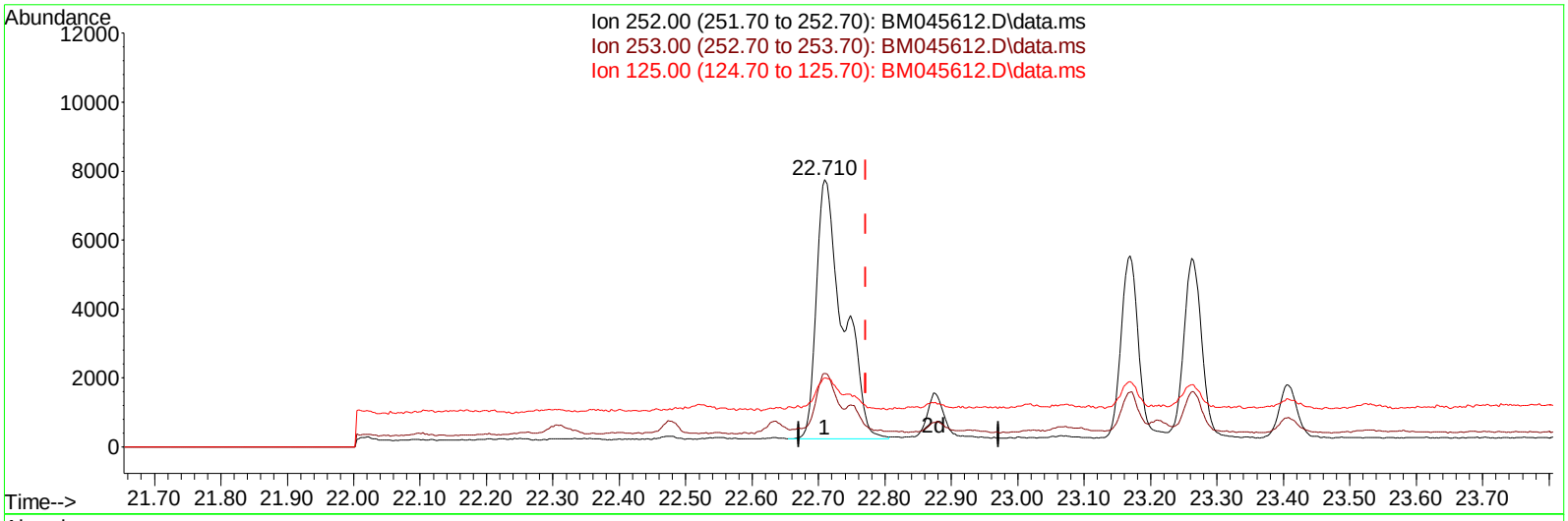

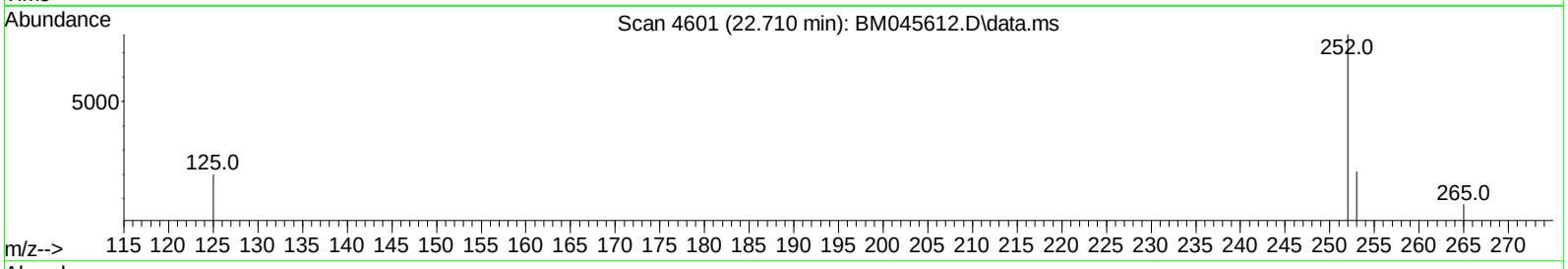

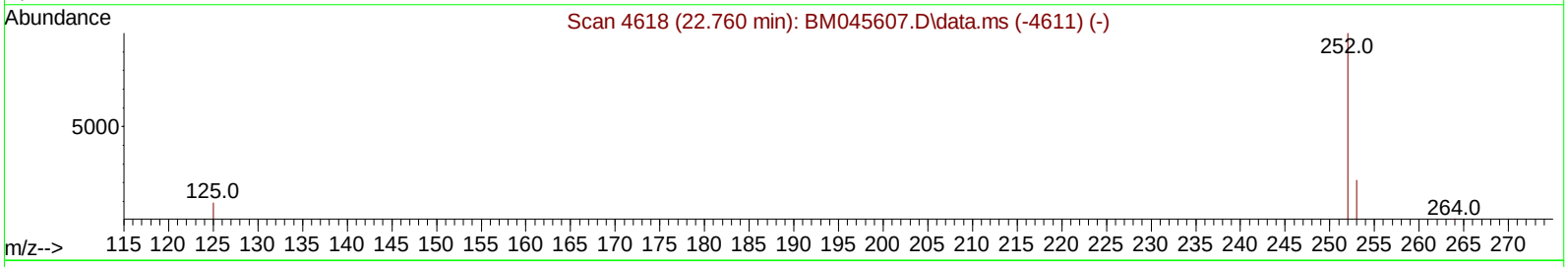

TIC: BM045612.D\data.ms

(25) Benzo(k)fluoranthene

22.710min (-0.061) 1.63 ng/ul

response 20957

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	27.52
125.00	18.50	25.84#
0.00	0.00	0.00

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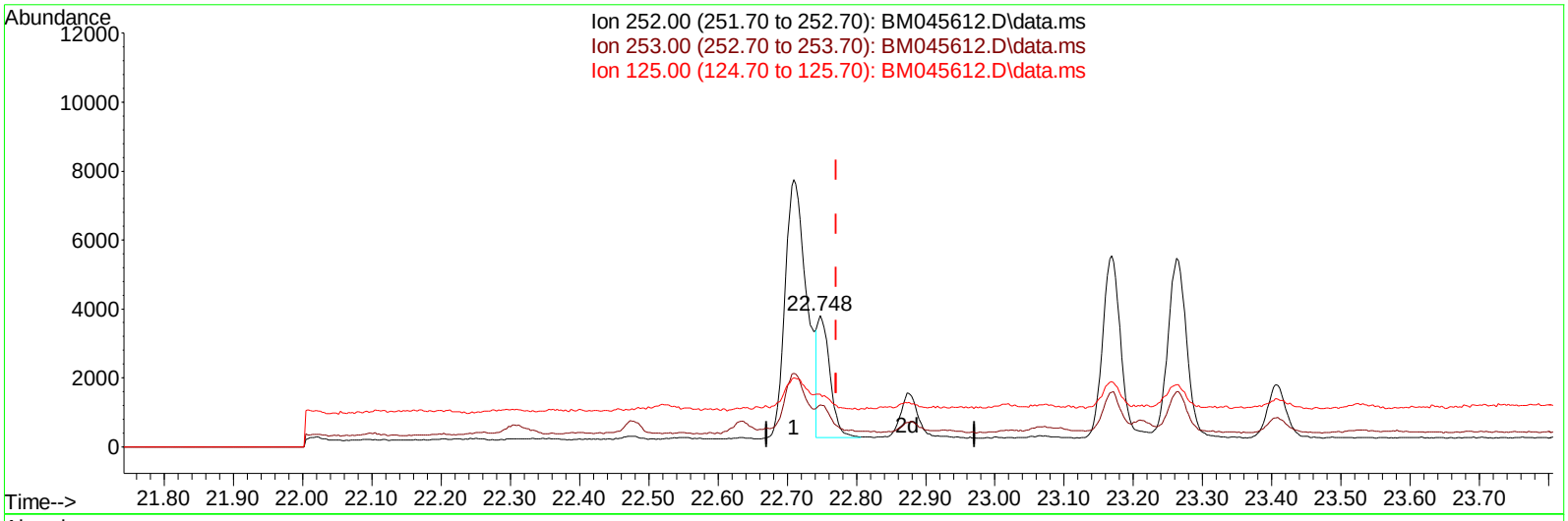

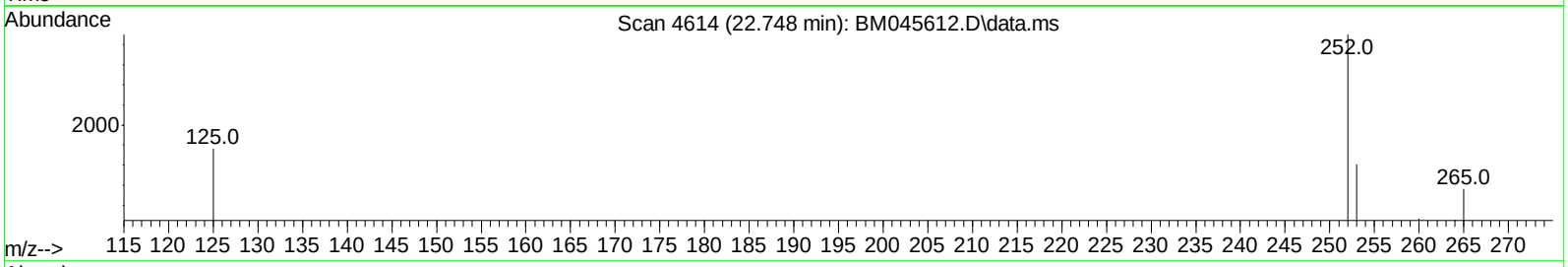

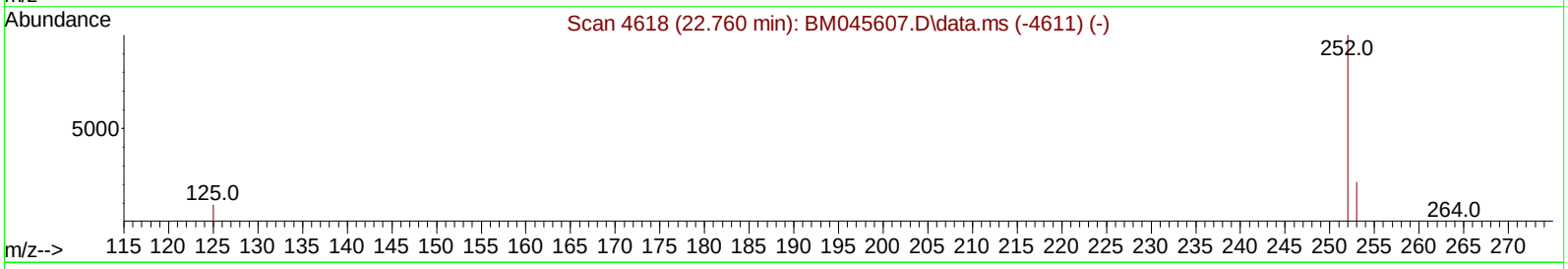

TIC: BM045612.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.023) 0.34 ng/ul m

response 4356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	31.90
125.00	18.50	40.23#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	992	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2668	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1329	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.959	188	2559	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240	2136	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	3031m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1309	0.984	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	229	0.065	ng/ul	-0.01
18) Fluoranthene-d10	18.996	212	378	0.056	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.358	128	3444	0.481	ng/ul#	92
7) 2-Methylnaphthalene	11.991	142	1826	0.446	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	996	0.217	ng/ul	100
10) Acenaphthylene	13.909	152	1601	0.244	ng/ul#	91
11) Acenaphthene	14.256	153	175	0.036	ng/ul#	91
12) Fluorene	15.255	166	776	0.149	ng/ul#	89
15) Phenanthrene	16.997	178	9761	1.310	ng/ul	95
16) Anthracene	17.089	178	1843	0.264	ng/ul#	92
19) Fluoranthene	19.029	202	14899	1.511	ng/ul#	90
20) Pyrene	19.391	202	14256	1.407	ng/ul#	94
21) Benzo(a)anthracene	21.158	228	7321	1.072	ng/ul	99
22) Chrysene	21.211	228	8657	0.825	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	16410	1.609	ng/ul	89
25) Benzo(k)fluoranthene	22.748	252	4356m	0.338	ng/ul	
26) Benzo(a)pyrene	23.262	252	9837	0.930	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.538	276	10061	0.655	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.541	278	2637	0.216	ng/ul#	58
29) Benzo(g,h,i)perylene	26.205	276	11118	0.805	ng/ul	99

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

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