Quantitation Report (Qedit)

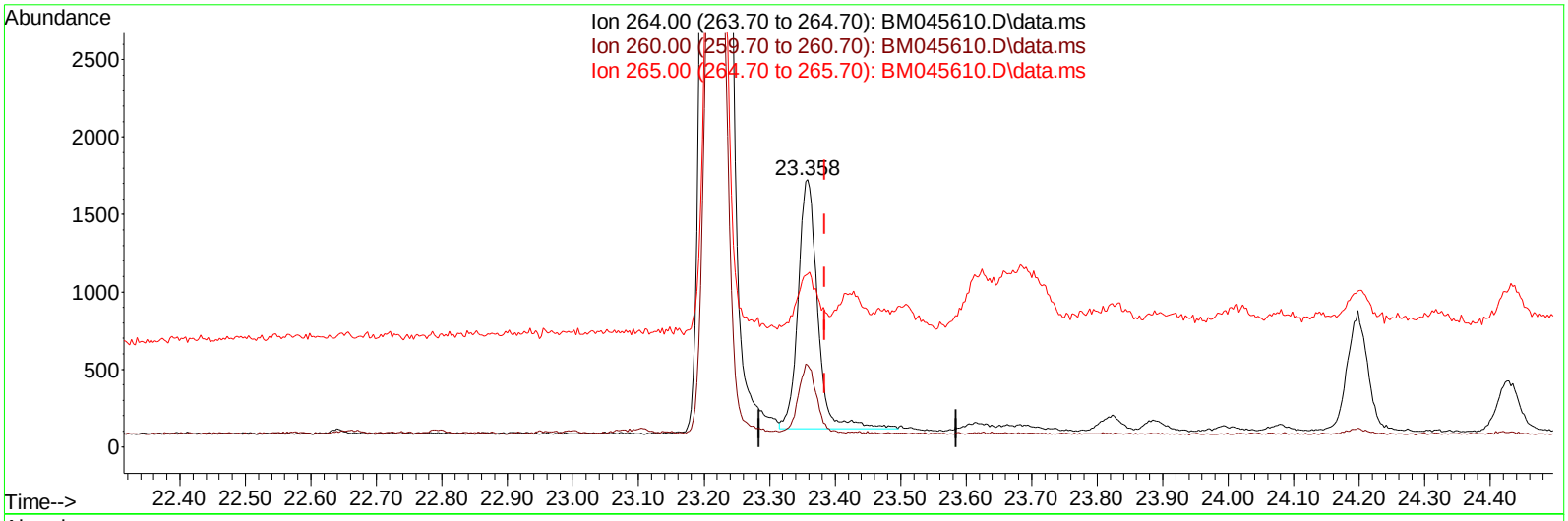
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045610.D
Acq On : 27 Apr 2024 13:31
Operator : MA/JU
Sample : P2203-17DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

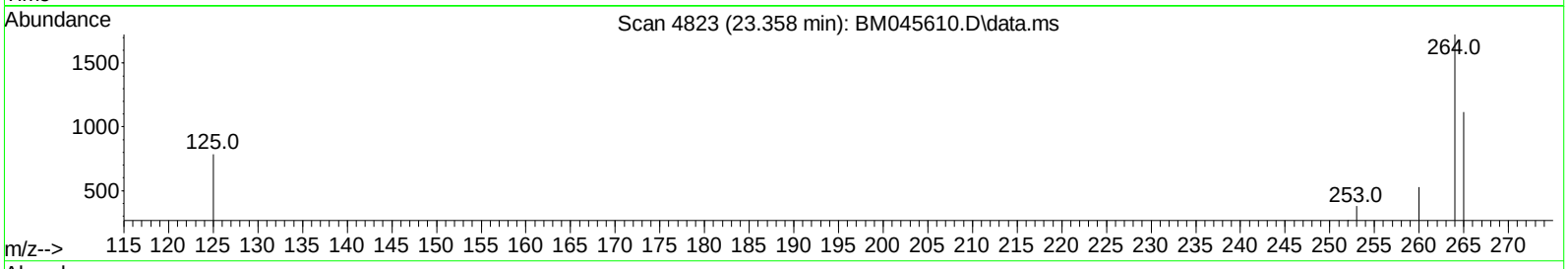
Quant Time: Apr 28 22:53:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

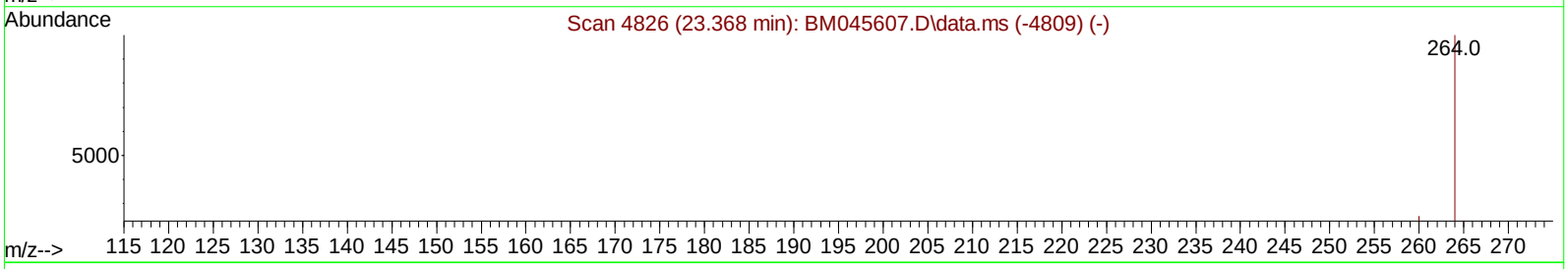
Instrument :
BNA_M
ClientSampleId :
E1CW9DL

Manual IntegrationsAPPROVED

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







TIC: BM045610.D\data.ms

(23) Perylene-d12 (I)

23.358min (-0.027) 0.40 ng/ul

response 3317

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	30.57
265.00	86.70	64.73#
0.00	0.00	0.00

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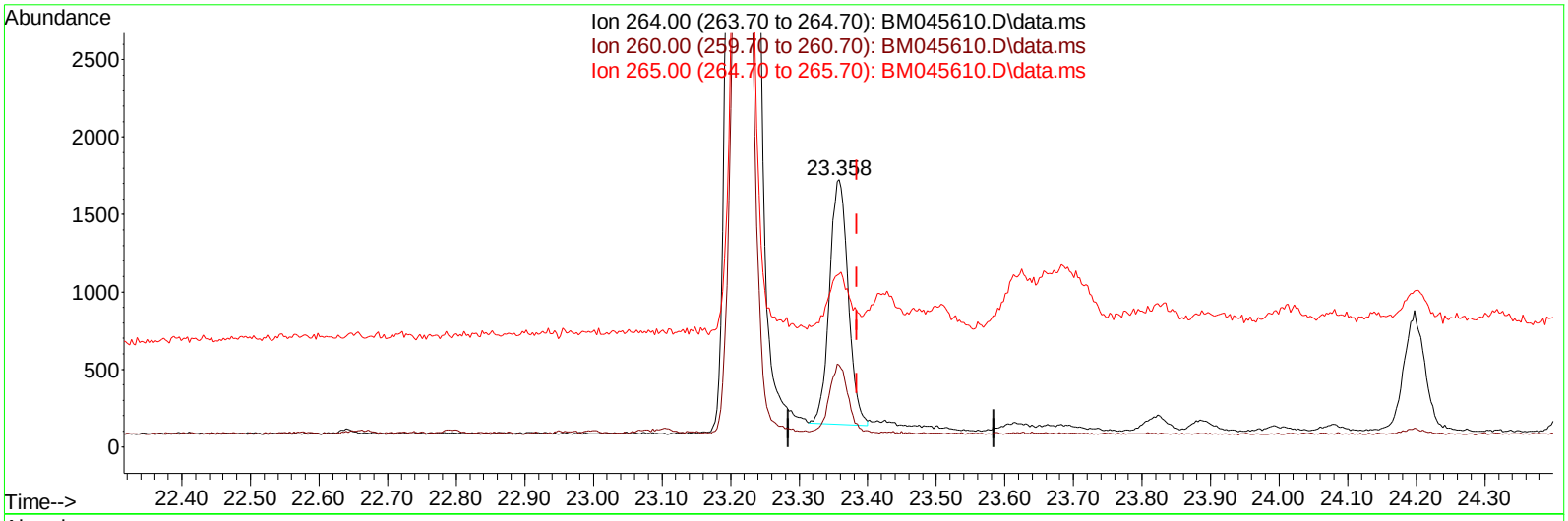

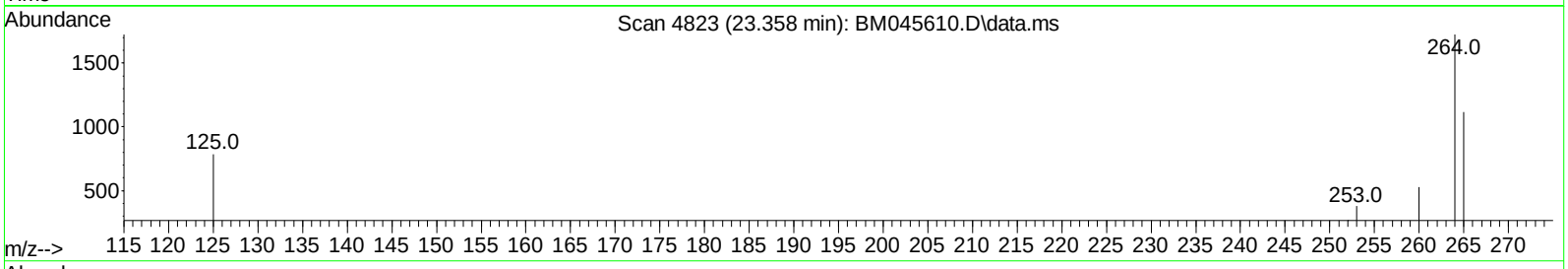

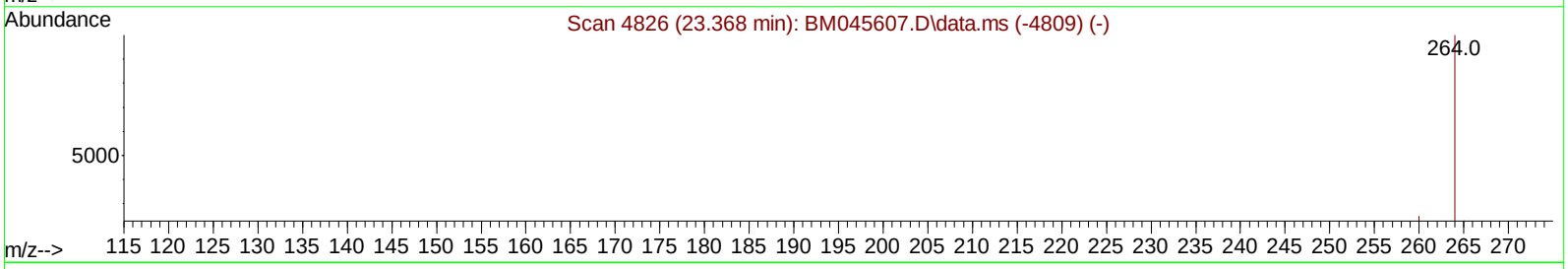

TIC: BM045610.D\data.ms

(23) Perylene-d12 (I)

23.358min (-0.027) 0.40 ng/ul m

response 2996

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	30.57
265.00	86.70	64.73#
0.00	0.00	0.00

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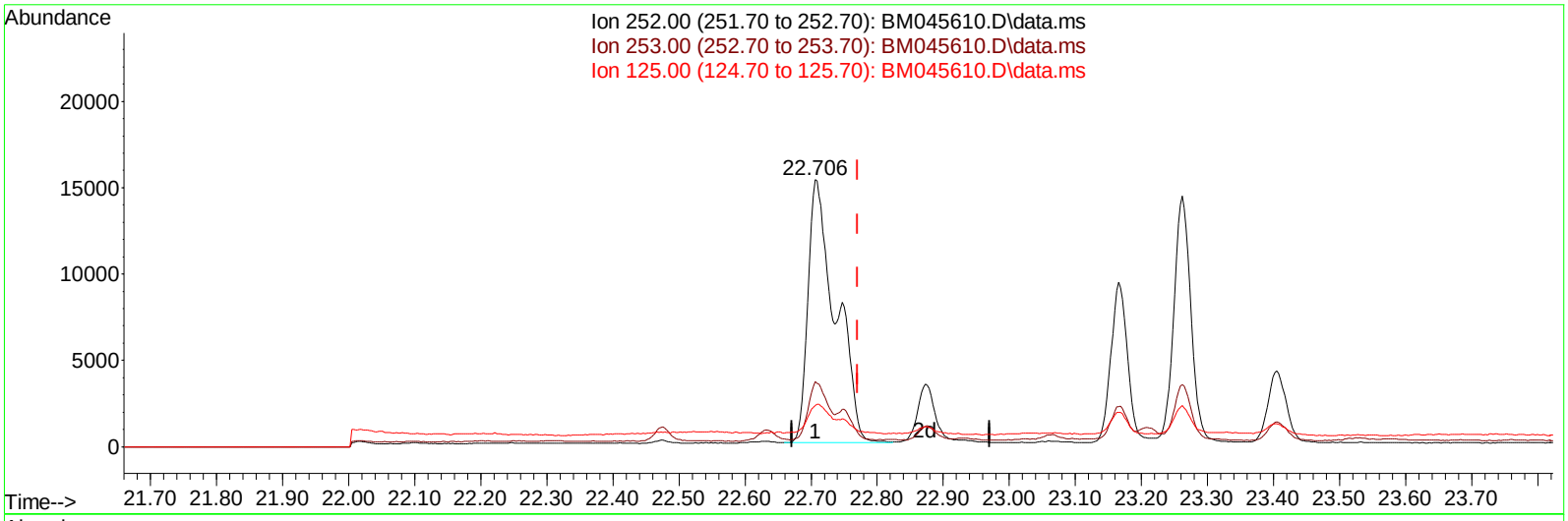

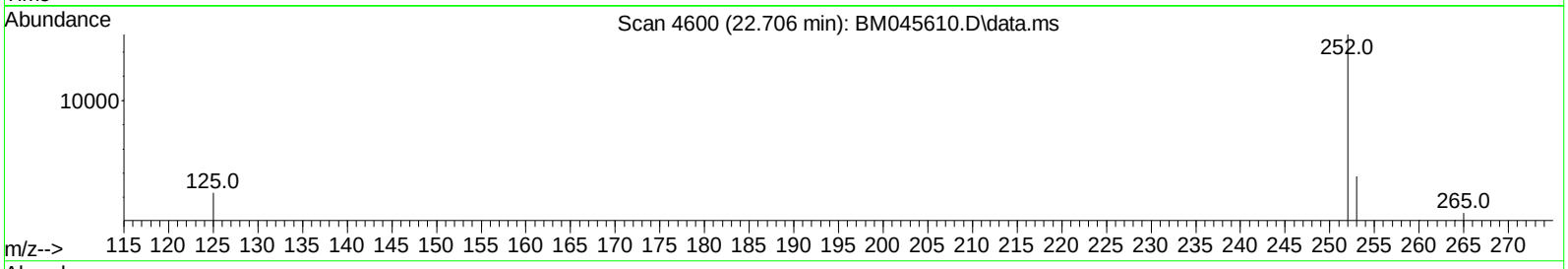

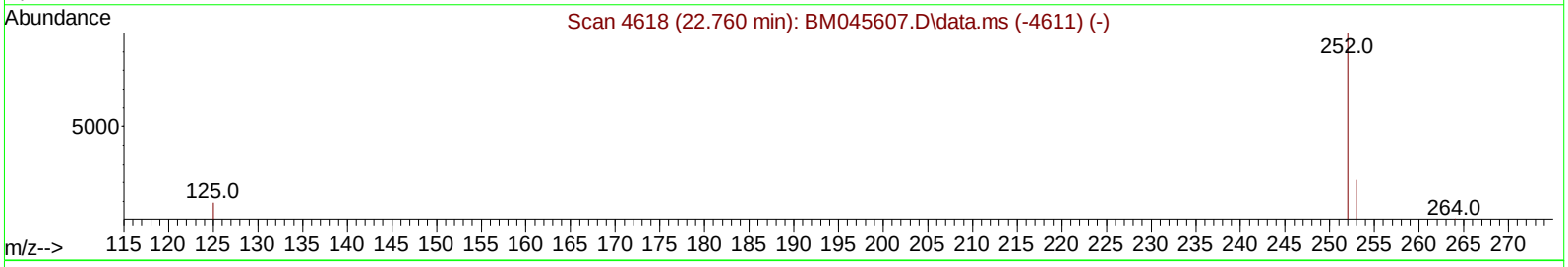

TIC: BM045610.D\data.ms

(25) Benzo(k)fluoranthene

22.706min (-0.065) 3.48 ng/ul

response 44323

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.30#
125.00	18.50	15.54
0.00	0.00	0.00

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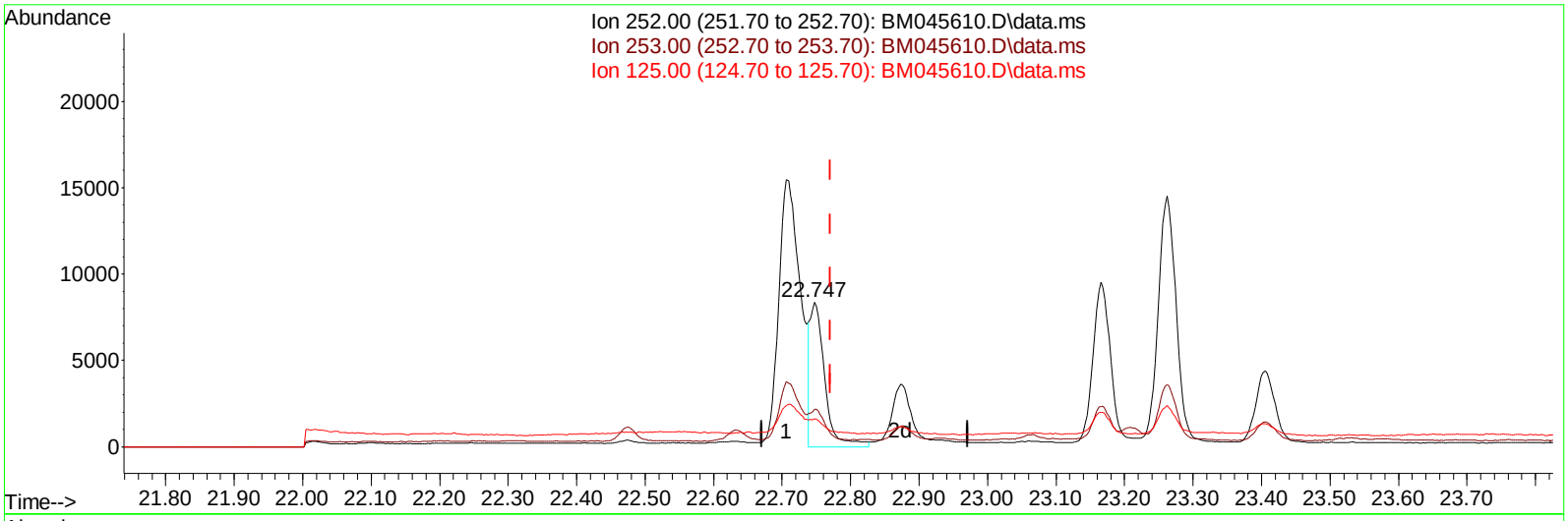

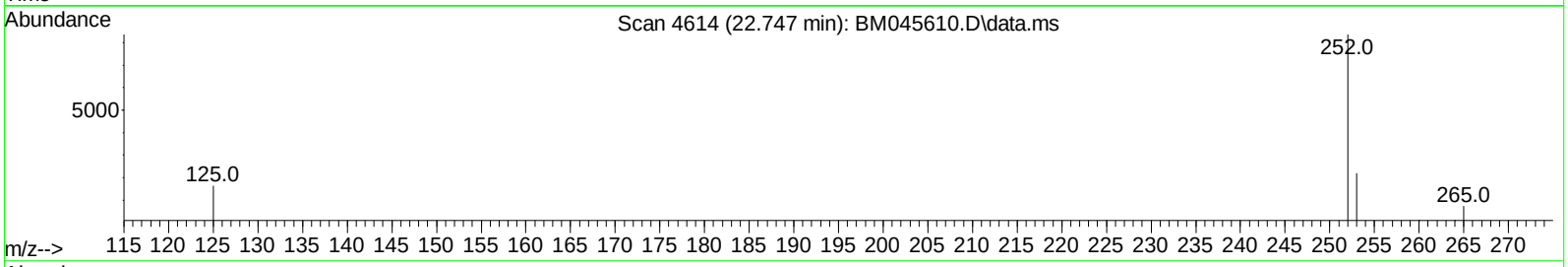

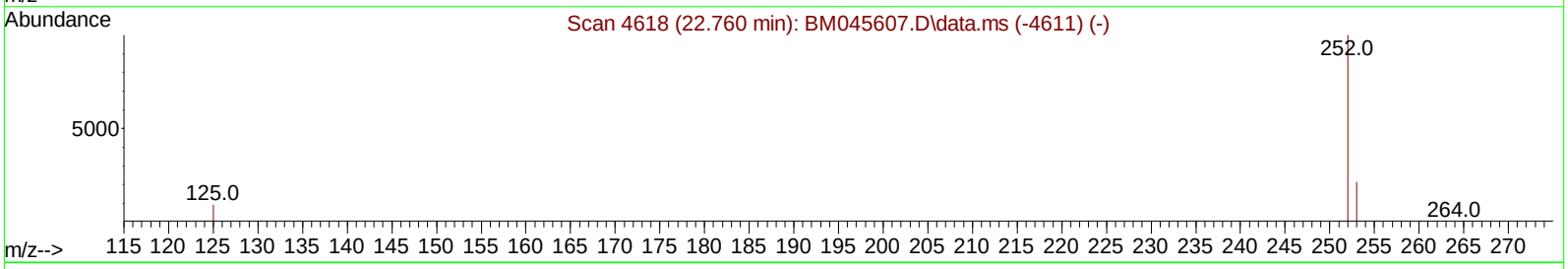

TIC: BM045610.D\data.ms

(25) Benzo(k)fluoranthene

22.747min (-0.024) 0.96 ng/ul m

response 12207

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.11
125.00	18.50	19.41
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	7.547	152	1001	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2752	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1309	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.954	188	2462	0.400	ng/ul	-0.03
17) Chrysene-d12	21.172	240	2142	0.400	ng/ul	-0.02
23) Perylene-d12	23.358	264	2996m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1463	1.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	243	0.067	ng/ul	-0.01
18) Fluoranthene-d10	18.996	212	394	0.058	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.353	128	21372	2.892	ng/ul#	87
7) 2-Methylnaphthalene	11.991	142	1793	0.425	ng/ul	96
8) 1-Methylnaphthalene	12.211	142	902	0.191	ng/ul	99
10) Acenaphthylene	13.909	152	4588	0.711	ng/ul#	95
11) Acenaphthene	14.256	153	230	0.048	ng/ul#	90
12) Fluorene	15.260	166	1718	0.335	ng/ul	100
15) Phenanthrene	16.997	178	26362	3.677	ng/ul	93
16) Anthracene	17.094	178	10495	1.564	ng/ul	93
19) Fluoranthene	19.029	202	51260	5.186	ng/ul#	89
20) Pyrene	19.391	202	45050	4.434	ng/ul#	92
21) Benzo(a)anthracene	21.158	228	21833	3.189	ng/ul	91
22) Chrysene	21.210	228	18996	1.804	ng/ul	99
24) Benzo(b)fluoranthene	22.706	252	33312	3.305	ng/ul	89
25) Benzo(k)fluoranthene	22.747	252	12207m	0.959	ng/ul	
26) Benzo(a)pyrene	23.262	252	25917	2.480	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.531	276	21246	1.399	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.548	278	4403	0.365	ng/ul#	90
29) Benzo(g,h,i)perylene	26.198	276	21589	1.582	ng/ul	94

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

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