Quantitation Report (Qedit)

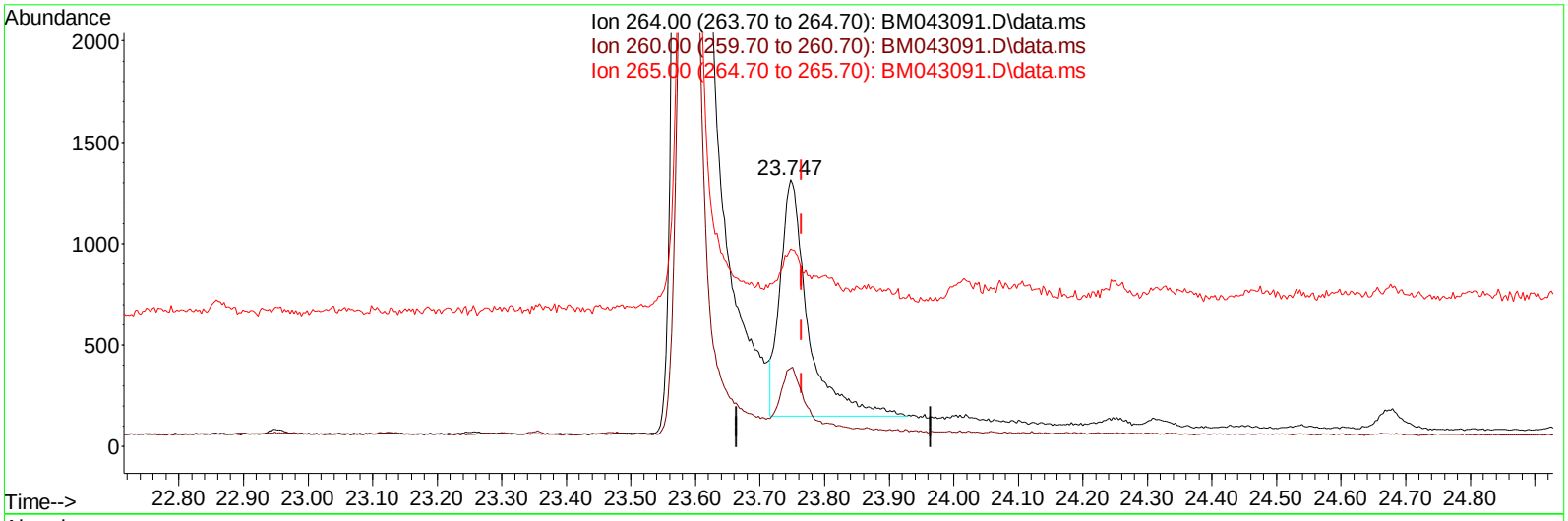
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043091.D
Acq On : 30 Nov 2023 18:52
Operator : MA/JU
Sample : 05497-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

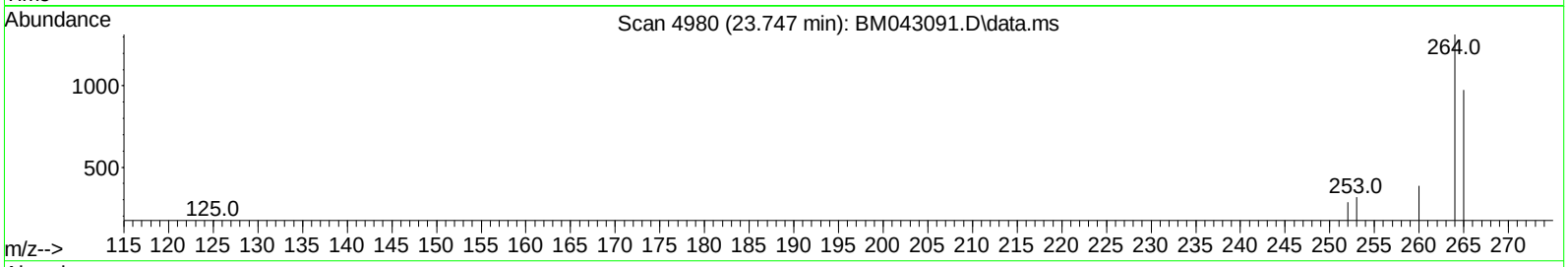
Quant Time: Dec 01 00:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

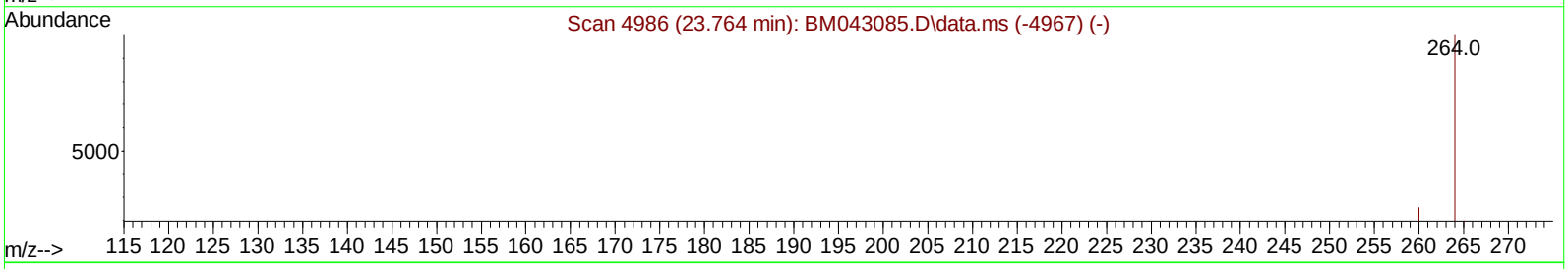
Instrument :
BNA_M
ClientSampleId :
C0AB7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043091.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.017) 0.40 ng/ul

response 3548

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.35
265.00	120.30	74.22#
0.00	0.00	0.00

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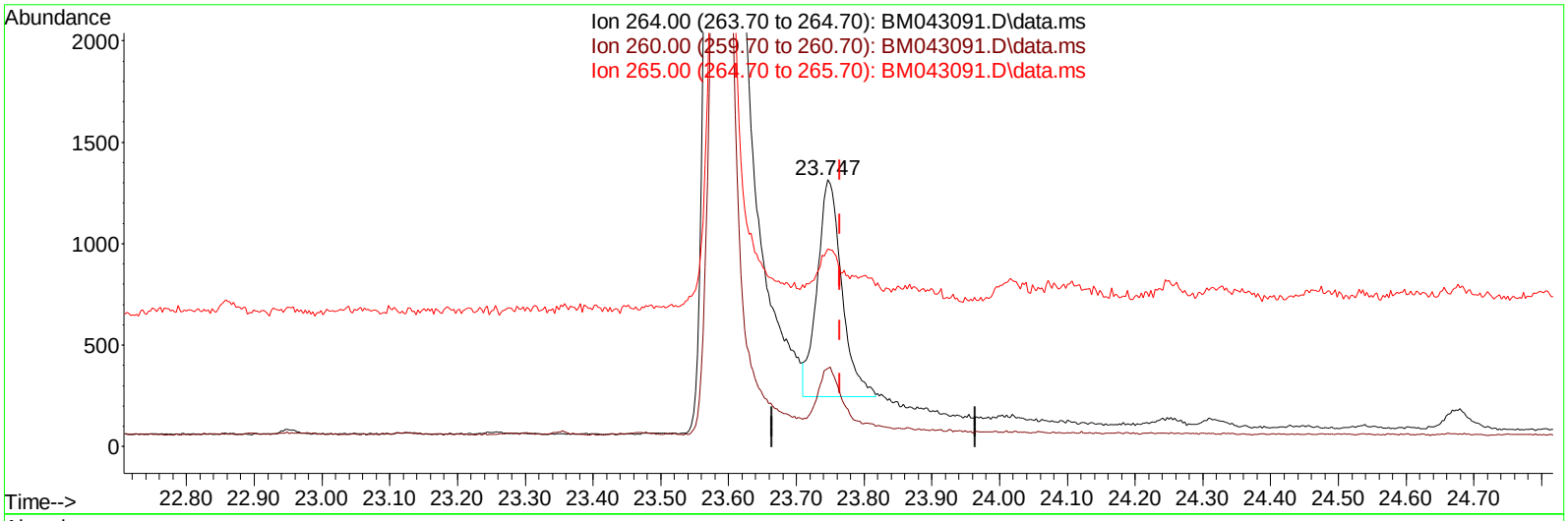

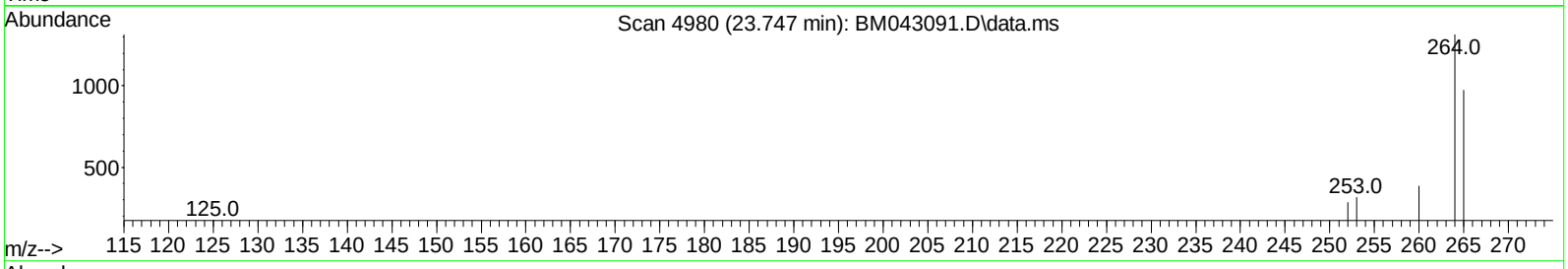

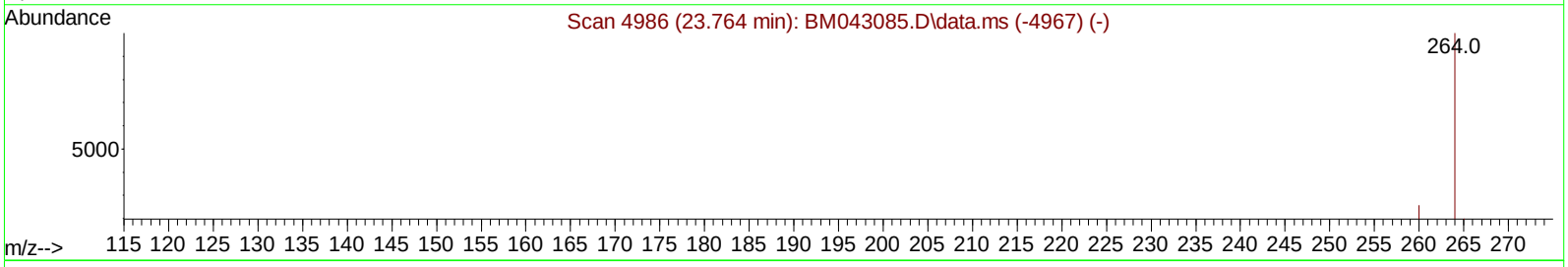

TIC: BM043091.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.017) 0.40 ng/ul m

response 2698

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.35
265.00	120.30	74.22#
0.00	0.00	0.00

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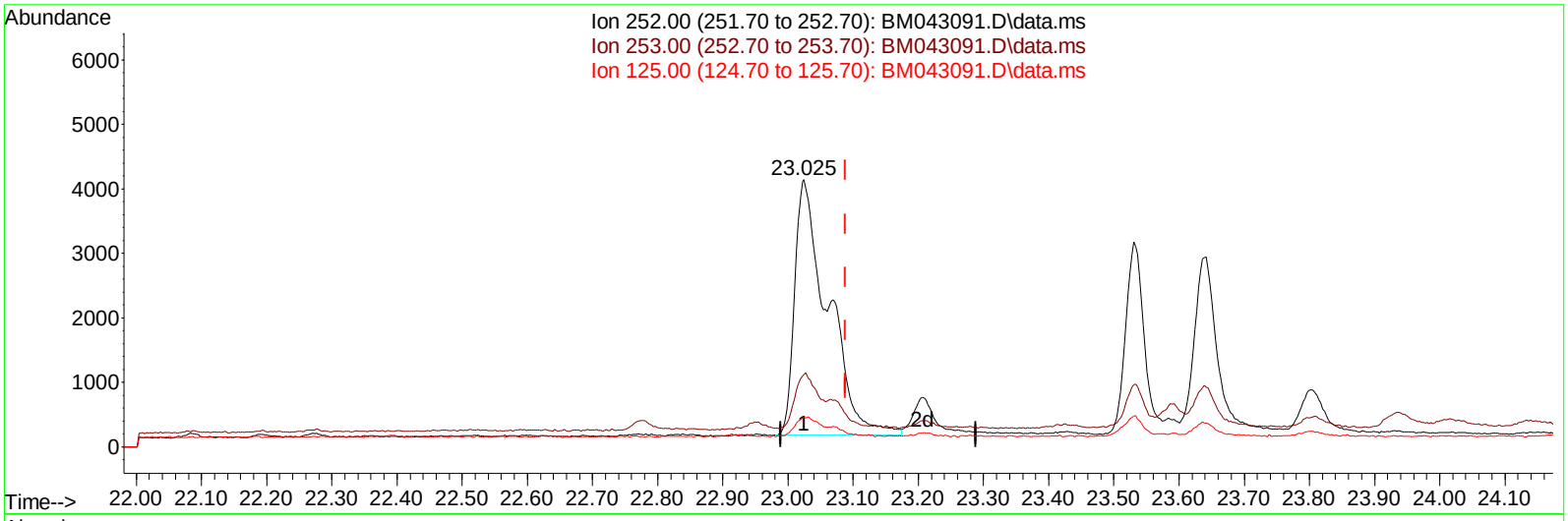

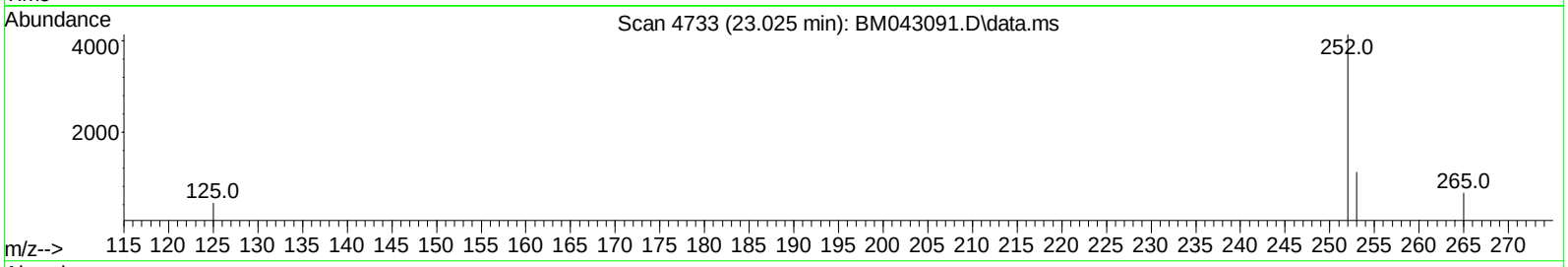

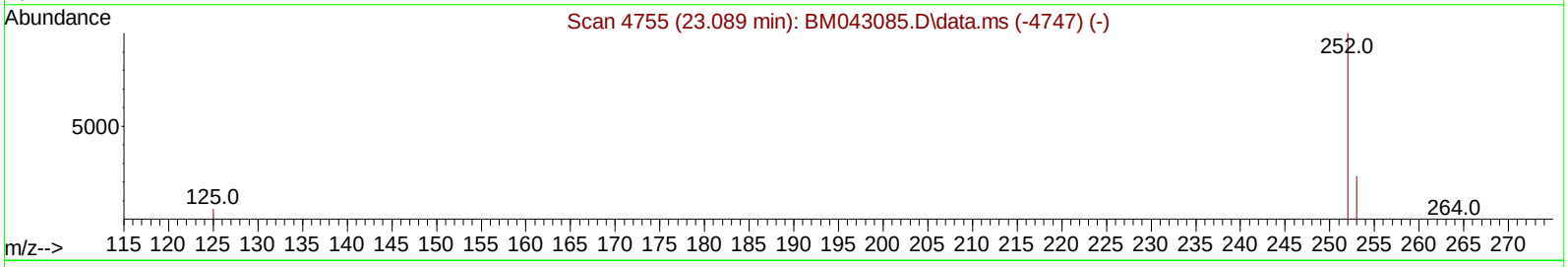

TIC: BM043091.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.064) 1.11 ng/ul

response 13952

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	27.10#
125.00	13.80	10.87#
0.00	0.00	0.00

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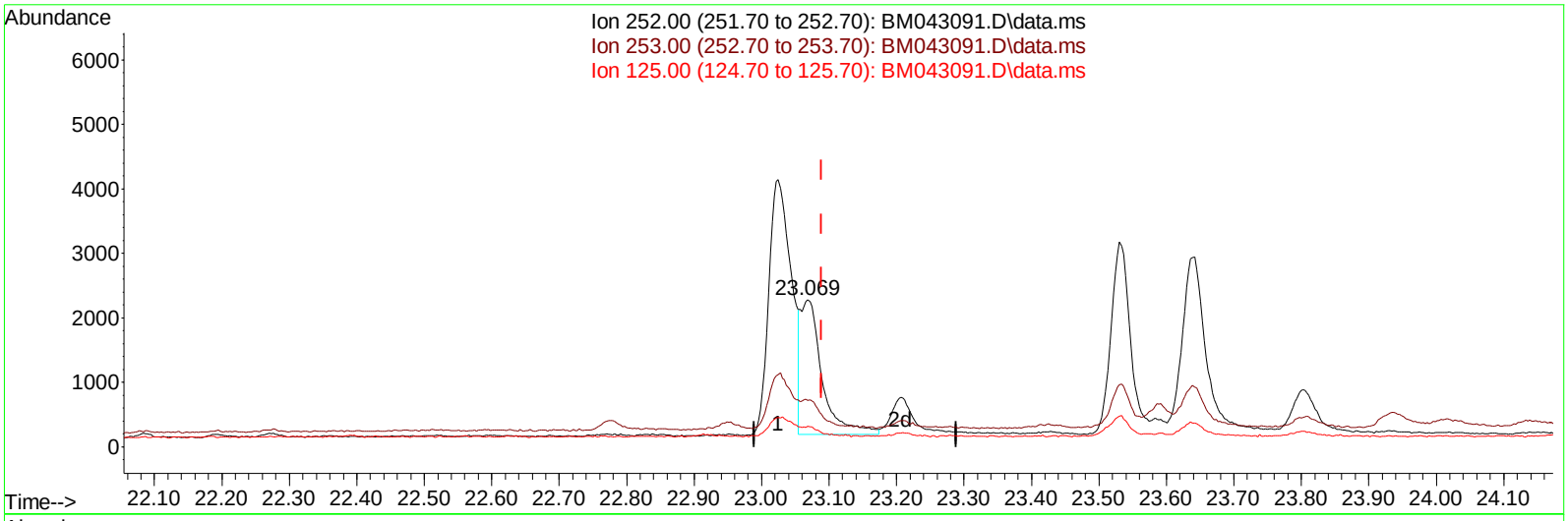

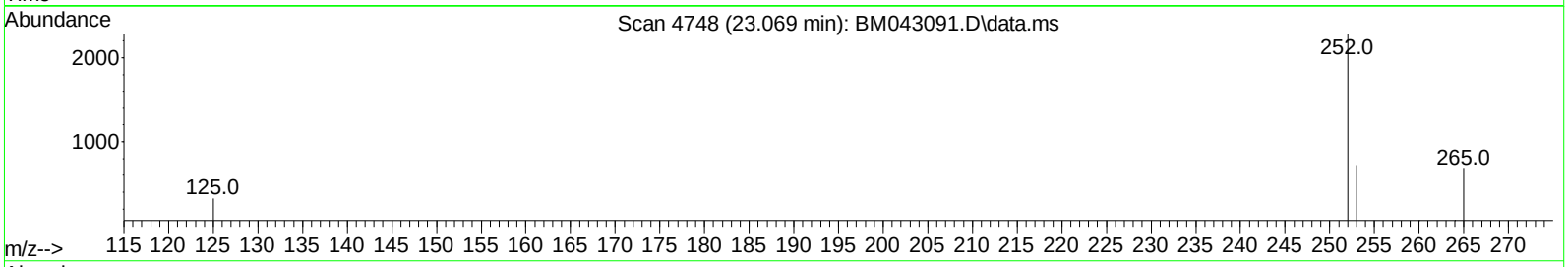

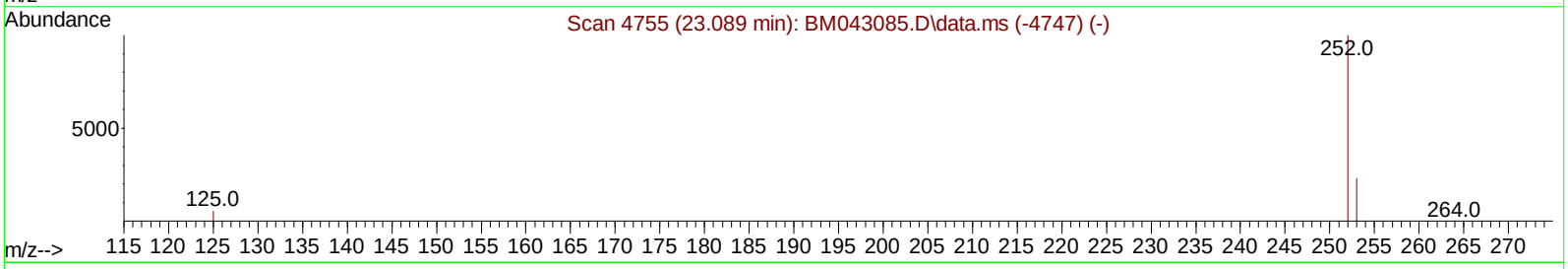

TIC: BM043091.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.020) 0.37 ng/ul m

response 4655

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	31.69
125.00	13.80	14.14
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	7.809	152	858	0.400 ng/ul	#-0.05
4) Naphthalene-d8	10.612	136	2544	0.400 ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1401	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.209	188	2851	0.400 ng/ul	-0.02
17) Chrysene-d12	21.400	240	2187	0.400 ng/ul	#-0.01
23) Perylene-d12	23.747	264	2698m	0.400 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.160	96	1265	0.961 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	505	0.148 ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	1152	0.145 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.662	128	3556	0.514 ng/ul#	89
7) 2-Methylnaphthalene	12.284	142	2216	0.543 ng/ul	95
8) 1-Methylnaphthalene	12.498	142	1606	0.353 ng/ul	98
10) Acenaphthylene	14.178	152	432	0.060 ng/ul#	64
11) Acenaphthene	14.516	153	682	0.126 ng/ul	96
12) Fluorene	15.511	166	724	0.130 ng/ul#	95
15) Phenanthrene	17.247	178	13679	1.681 ng/ul	93
16) Anthracene	17.344	178	3950	0.512 ng/ul	95
19) Fluoranthene	19.267	202	18437	1.487 ng/ul#	91
20) Pyrene	19.630	202	16623	1.261 ng/ul#	94
21) Benzo(a)anthracene	21.382	228	7786	1.097 ng/ul	96
22) Chrysene	21.438	228	7503	0.568 ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	9168	1.007 ng/ul	87
25) Benzo(k)fluoranthene	23.069	252	4655m	0.371 ng/ul	
26) Benzo(a)pyrene	23.642	252	6249	0.629 ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.191	276	5139	0.382 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.198	278	1306	0.126 ng/ul#	84
29) Benzo(g,h,i)perylene	26.953	276	6166	0.471 ng/ul	95

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

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