Quantitation Report (Qedit)

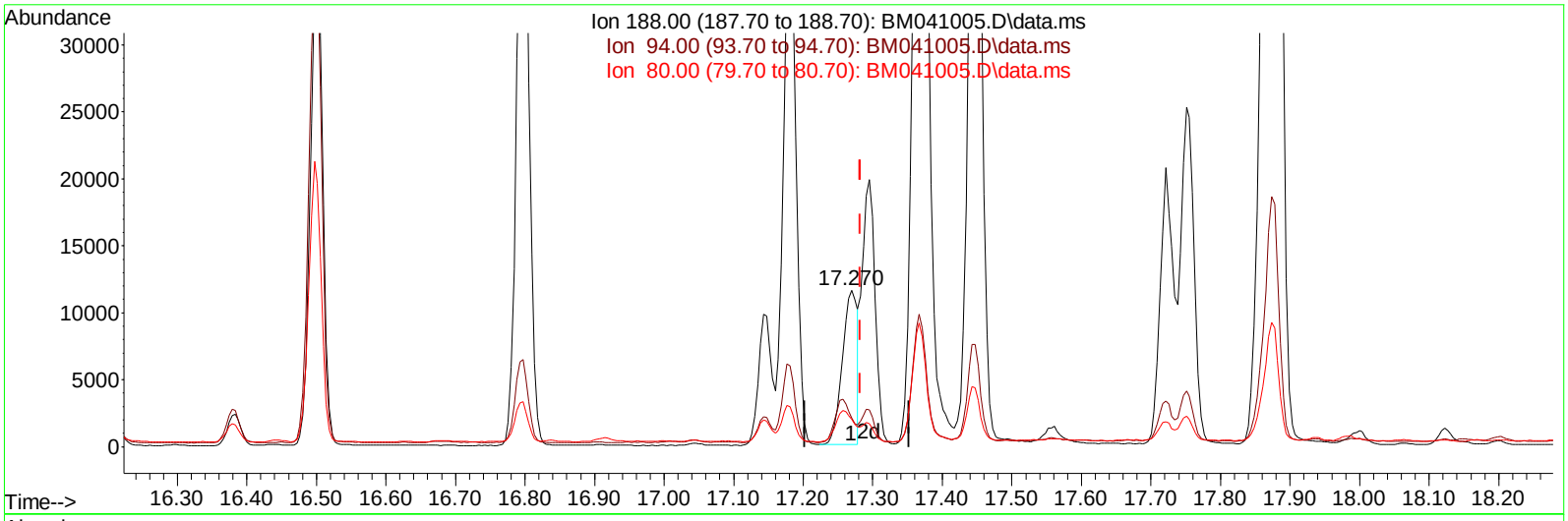
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041005.D
Acq On : 21 Jul 2023 06:20
Operator : MA/JU
Sample : 03444-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

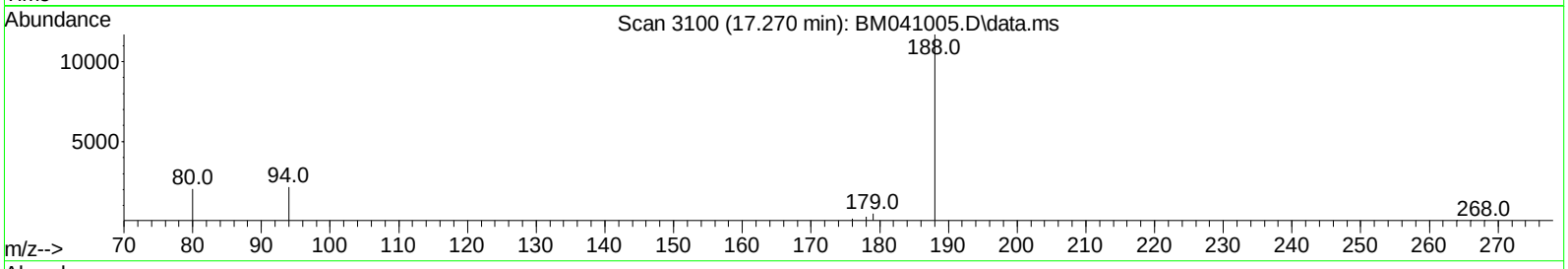
Quant Time: Jul 21 07:12:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration

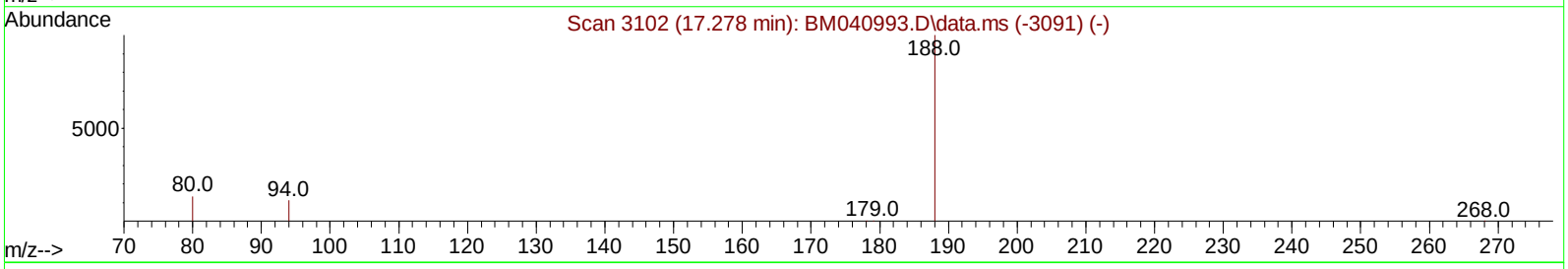
Instrument :
BNA_M
ClientSampleId :
A46Y0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023







TIC: BM041005.D\data.ms

(13) Phenanthrene-d10 (I)

17.270min (-0.012) 0.40 ng/ul

response 17389

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	18.35#
80.00	14.30	17.39#
0.00	0.00	0.00

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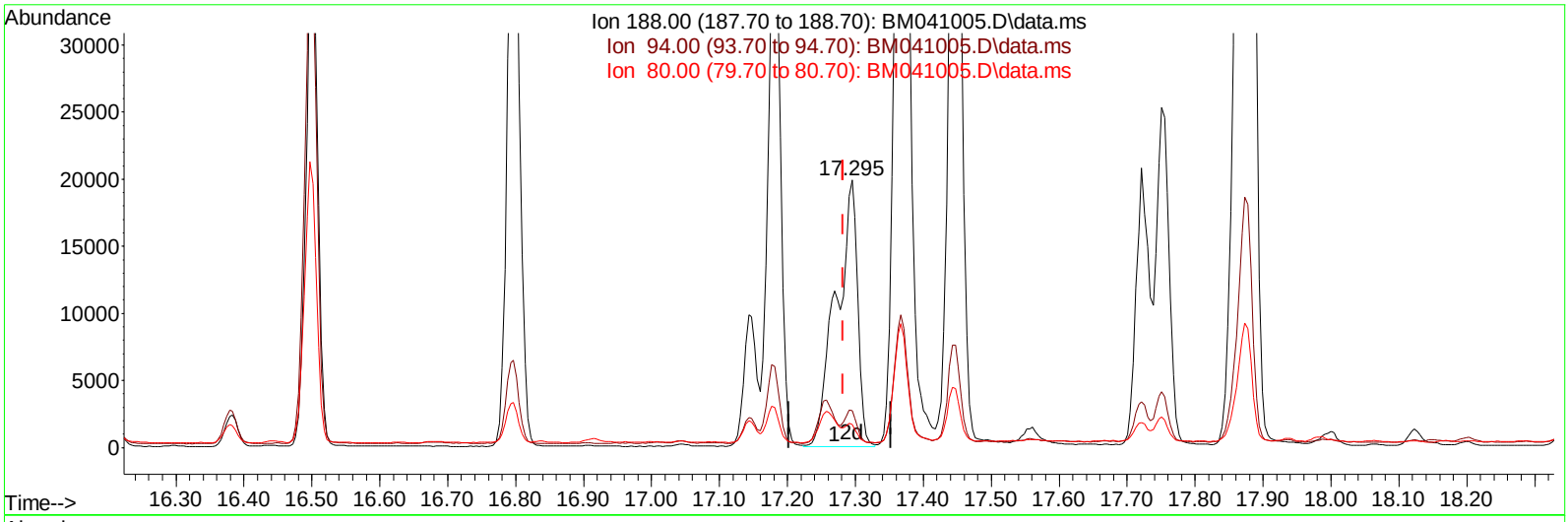

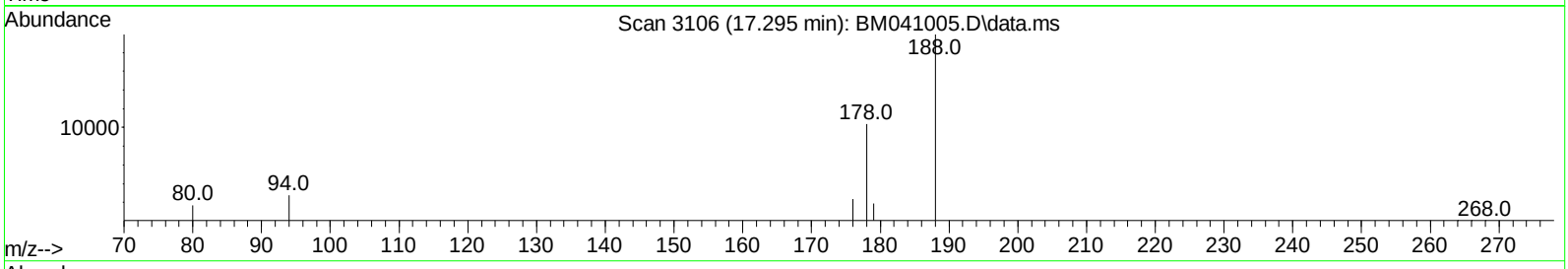

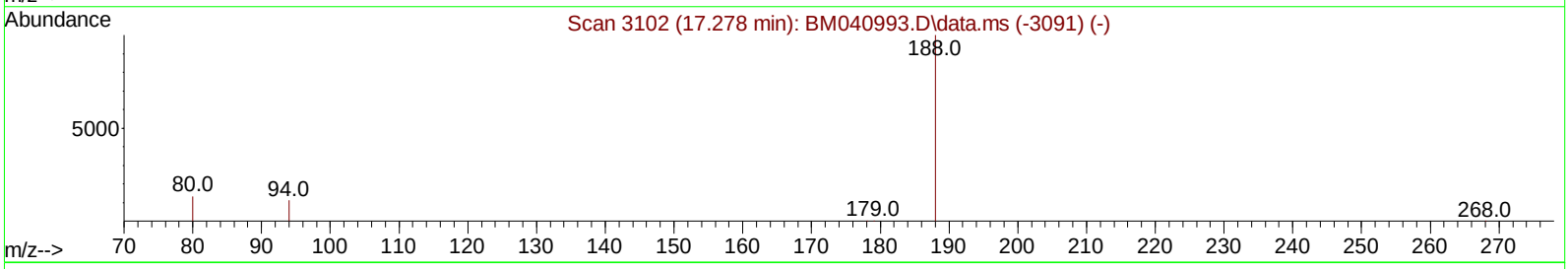

TIC: BM041005.D\data.ms

(13) Phenanthrene-d10 (I)

17.295min (+ 0.013) 0.40 ng/ul m

response 43721

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	13.85
80.00	14.30	8.57#
0.00	0.00	0.00

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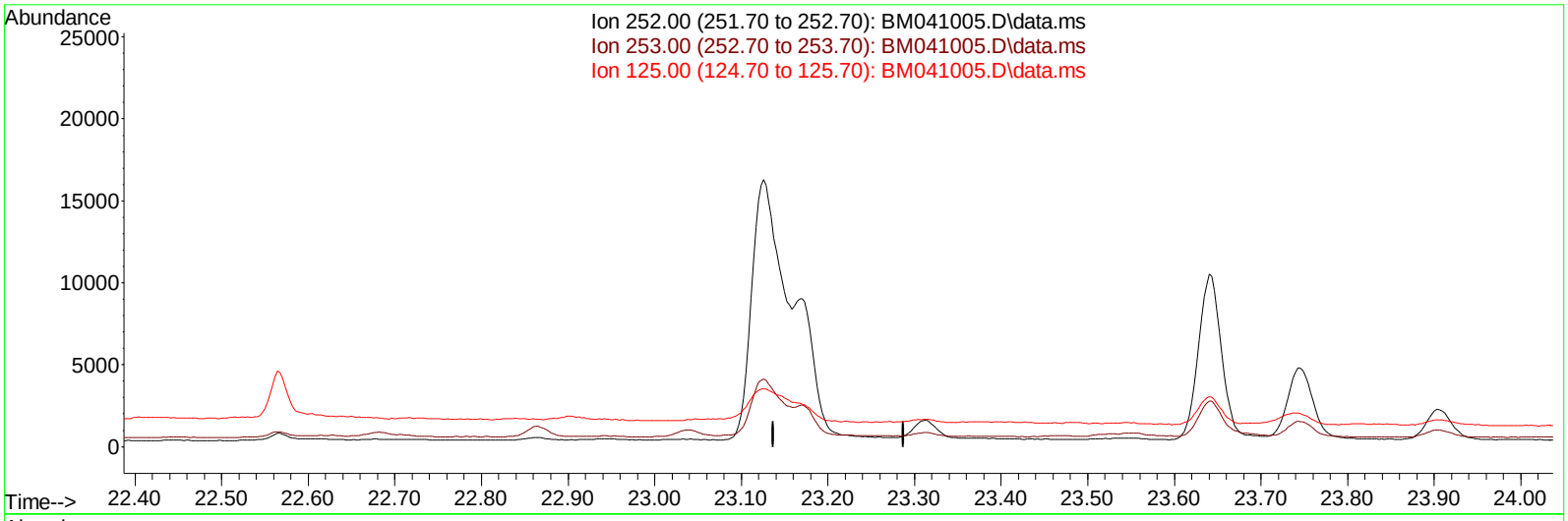

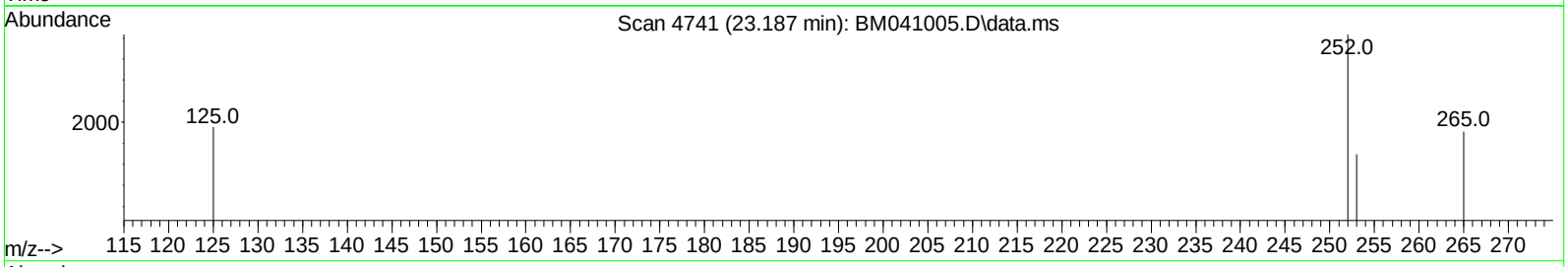

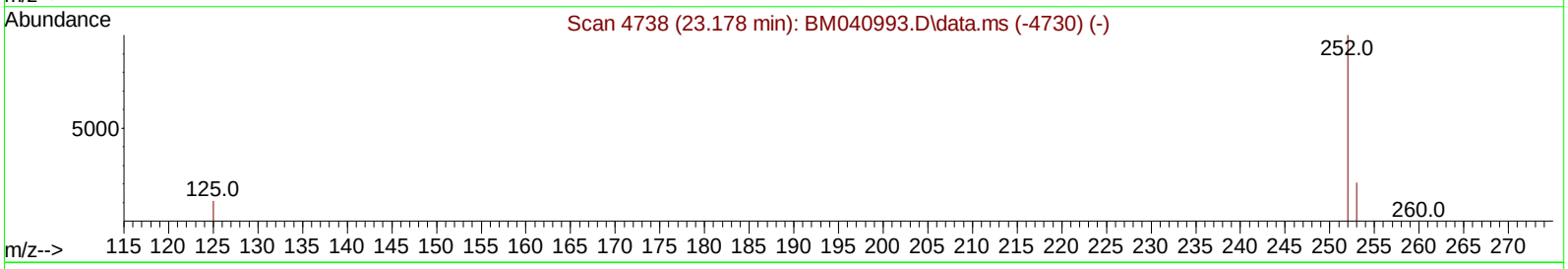

TIC: BM041005.D\data.ms

(25) Benzo(k)fluoranthene

23.187min (-23.187) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	29.10	0.00#
125.00	22.70	0.00#
0.00	0.00	0.00

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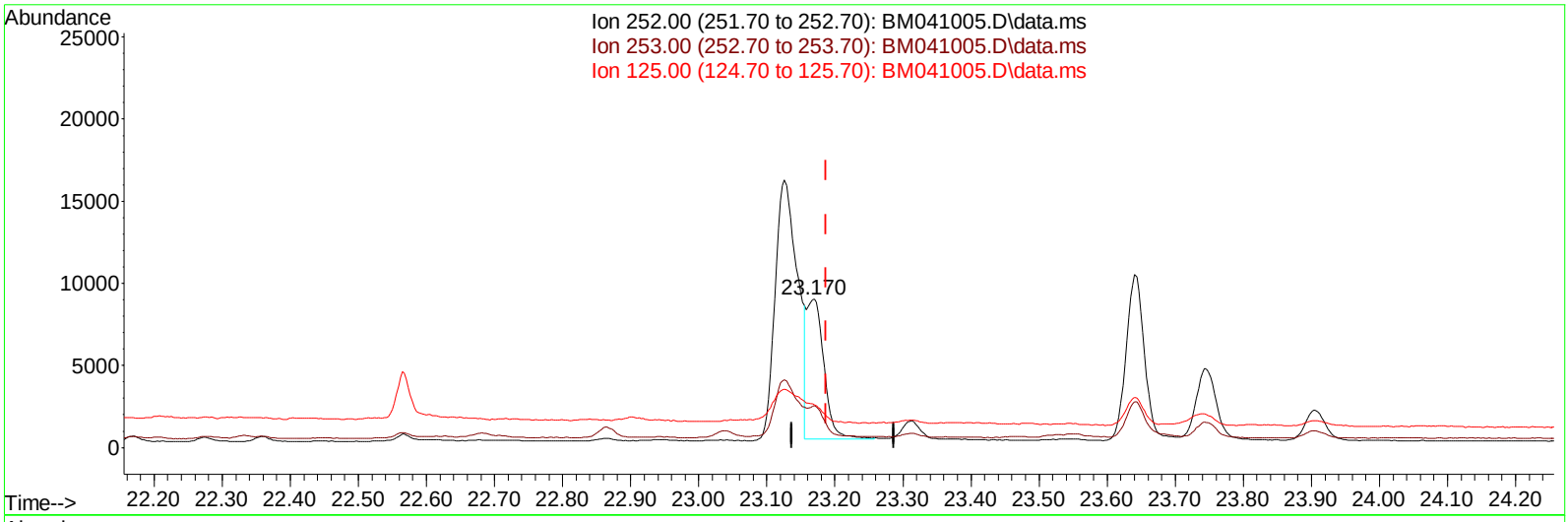

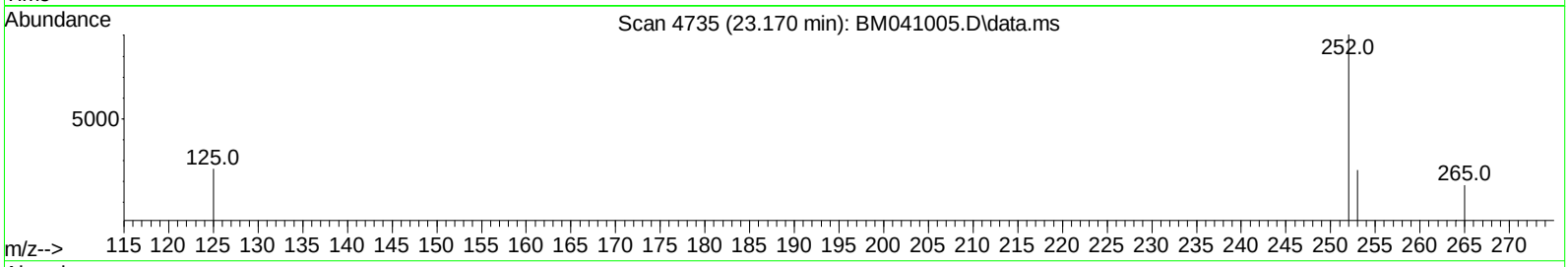

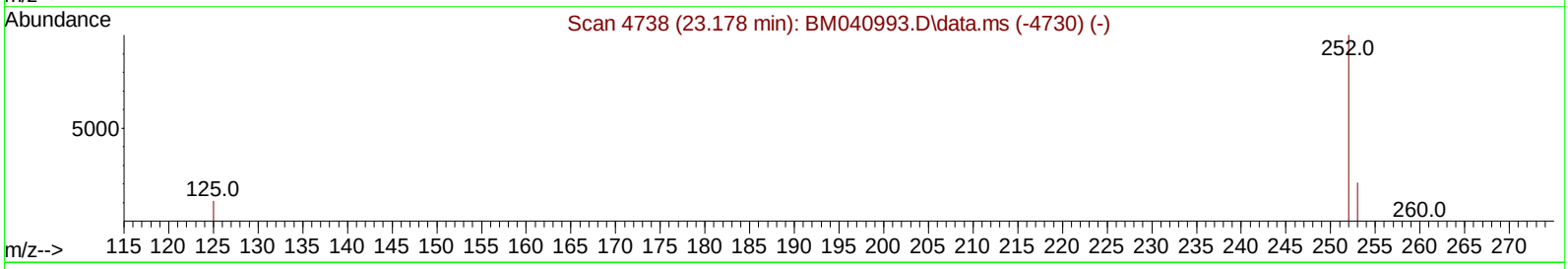

TIC: BM041005.D\data.ms

(25) Benzo(k)fluoranthene

23.170min (-0.017) 0.59 ng/ul m

response 15174

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	28.17
125.00	22.70	28.77#
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	7.862	152	3437	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.664	136	12573	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.514	164	6643	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	43721m	0.400	ng/ul	0.01
17) Chrysene-d12	21.463	240	9444	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	7030	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	6418	1.136	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	4752	0.284	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	8824	0.222	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	1274	0.214	ng/ul#	1
5) Naphthalene	10.719	128	22951	0.667	ng/ul	100
7) 2-Methylnaphthalene	12.335	142	2800	0.148	ng/ul	99
8) 1-Methylnaphthalene	12.555	142	4851	0.242	ng/ul	94
10) Acenaphthylene	14.236	152	2752	0.099	ng/ul#	67
11) Acenaphthene	14.578	153	4519	0.184	ng/ul	99
12) Fluorene	15.568	166	6058	0.239	ng/ul#	98
15) Phenanthrene	17.312	178	72171	0.552	ng/ul	99
16) Anthracene	17.405	178	6562	0.064	ng/ul#	94
19) Fluoranthene	19.334	202	87977	1.804	ng/ul	96
20) Pyrene	19.696	202	77702	1.560	ng/ul	97
21) Benzo(a)anthracene	21.445	228	29466	1.024	ng/ul	97
22) Chrysene	21.498	228	35740	1.087	ng/ul	97
24) Benzo(b)fluoranthene	23.126	252	36460	1.351	ng/ul	96
25) Benzo(k)fluoranthene	23.170	252	15174m	0.592	ng/ul	
26) Benzo(a)pyrene	23.743	252	9108	0.391	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.321	276	23921	0.773	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.324	278	6068	0.259	ng/ul#	74
29) Benzo(g,h,i)perylene	27.078	276	15411	0.539	ng/ul	99

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

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