

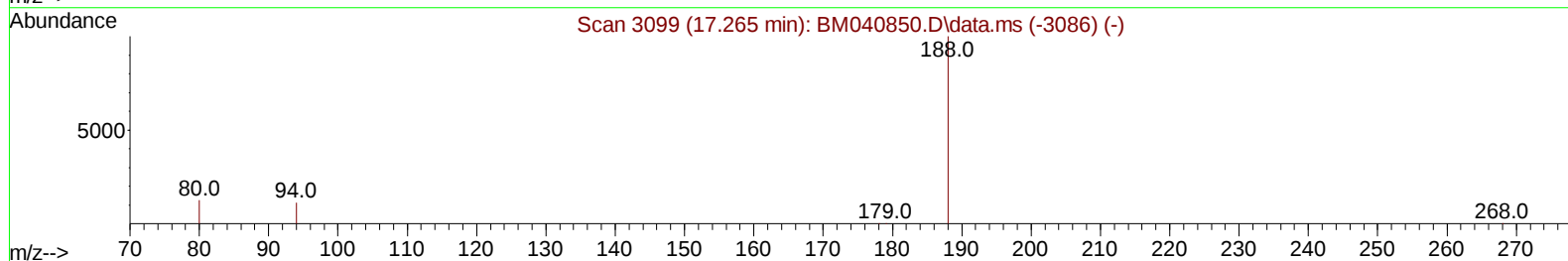
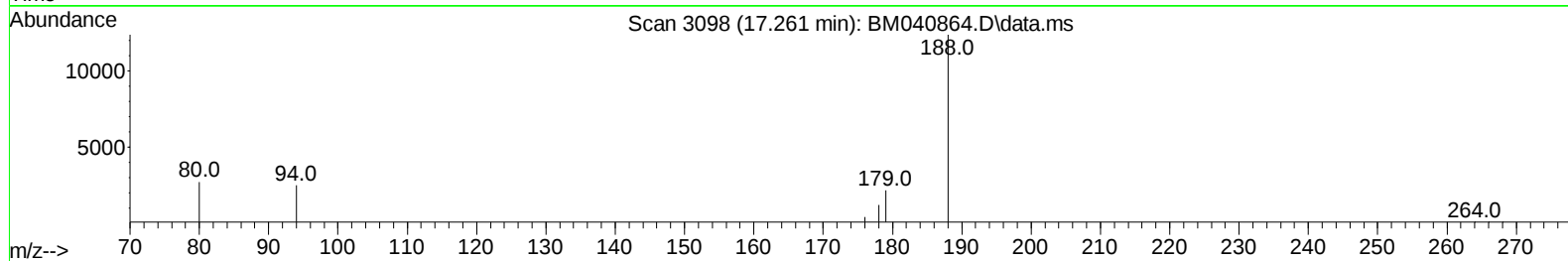
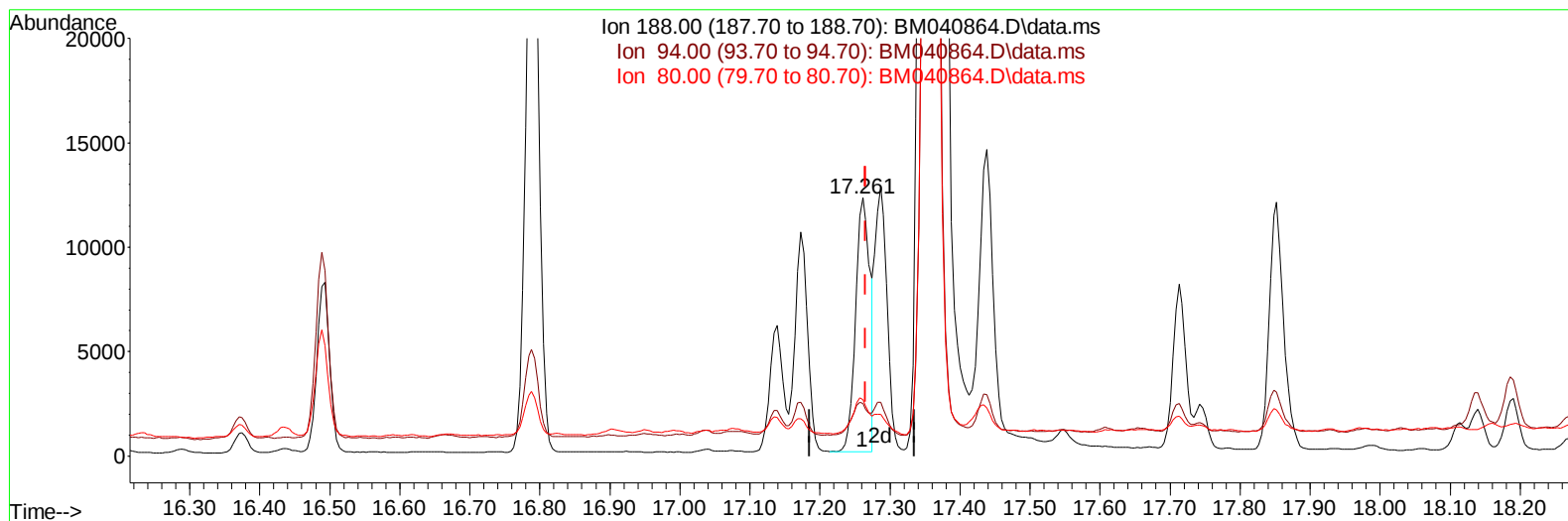
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040864.D
Acq On : 14 Jul 2023 00:19
Operator : MA/JU
Sample : 03418-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4643

Manual IntegrationsAPPROVED

Quant Time: Jul 14 03:18:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BM040864.D\data.ms

(13) Phenanthrene-d10 (I)

17.261min (-0.004) 0.40 ng/u1

response 17269

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	20.23#
80.00	13.00	21.87#
0.00	0.00	0.00

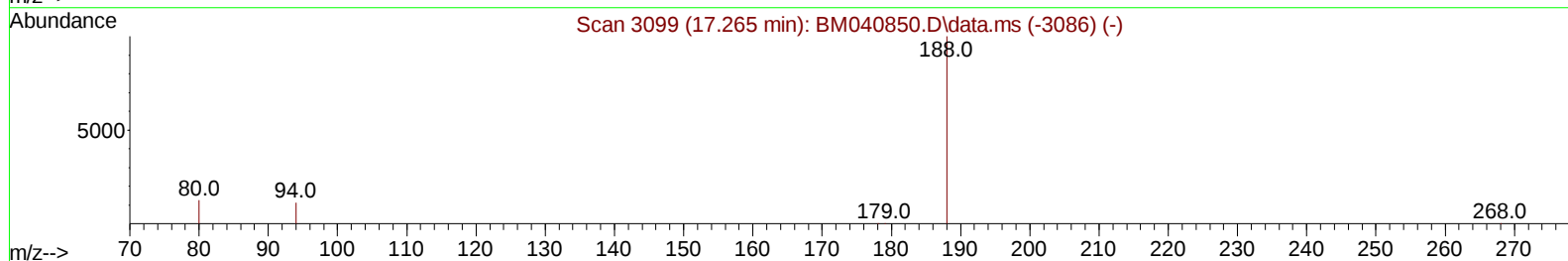
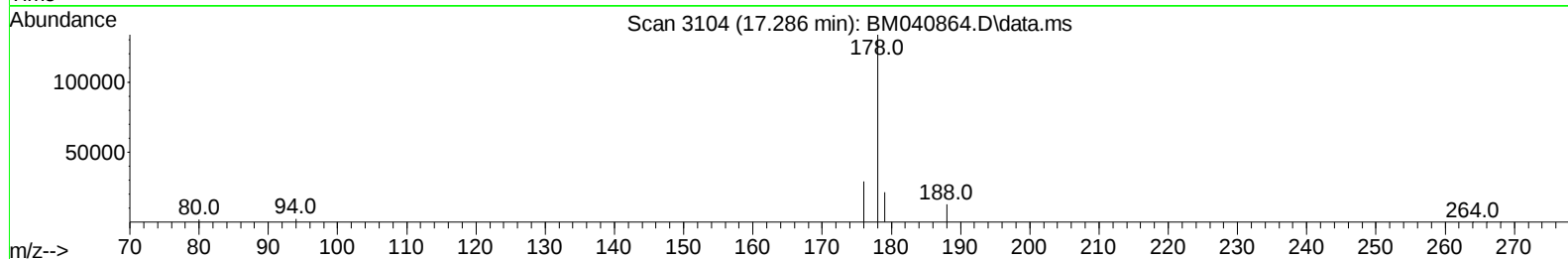
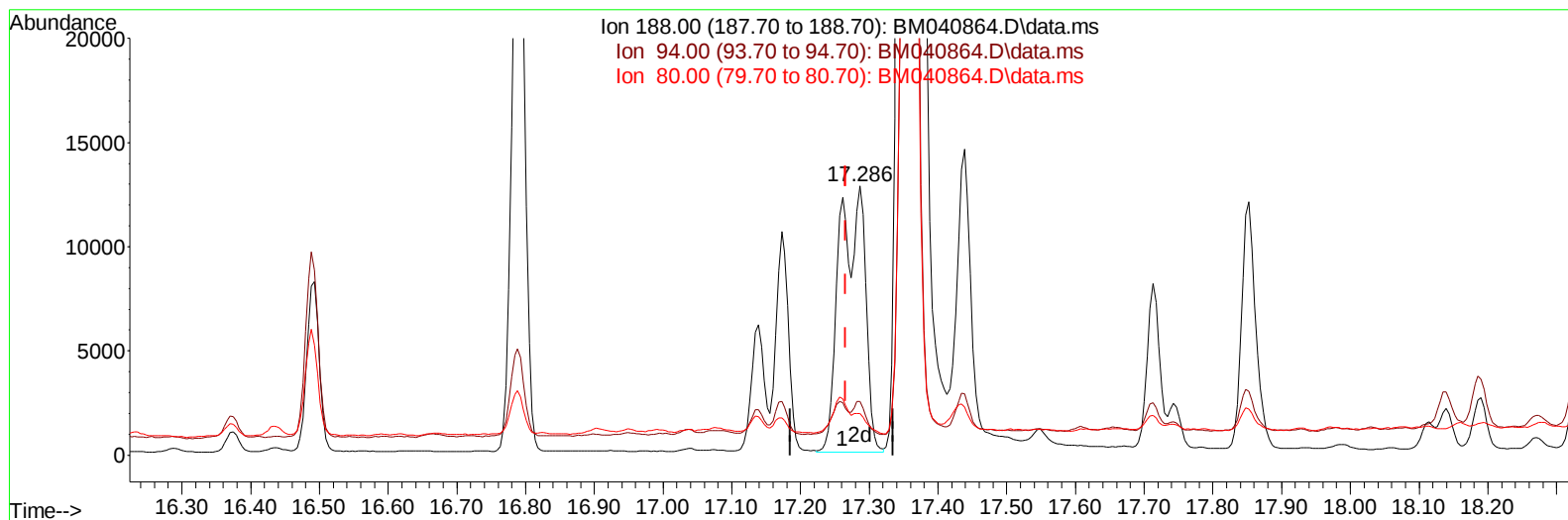
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TIC: BM040864.D\data.ms

(13) Phenanthrene-d10 (I)

17.286min (+ 0.021) 0.40 ng/ul m

response 32931

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	20.05#
80.00	13.00	15.58
0.00	0.00	0.00

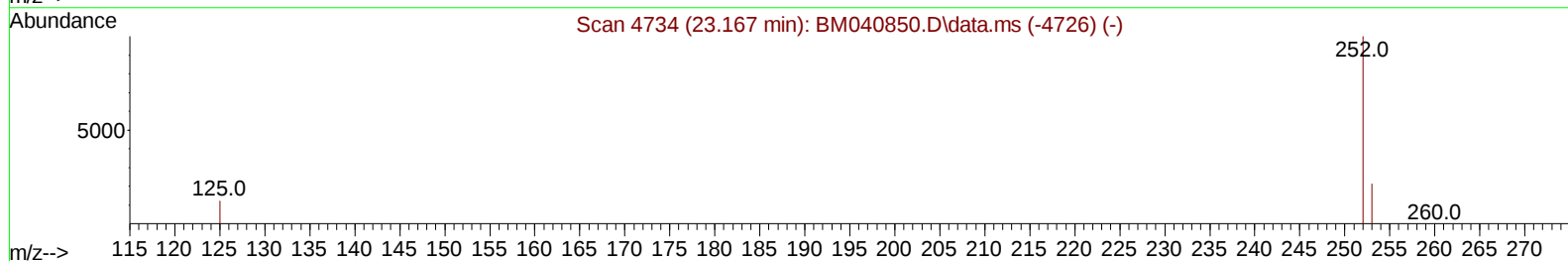
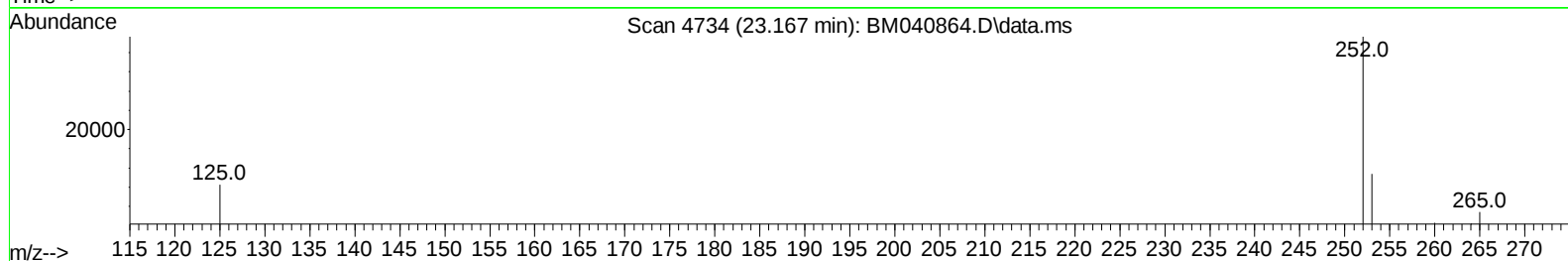
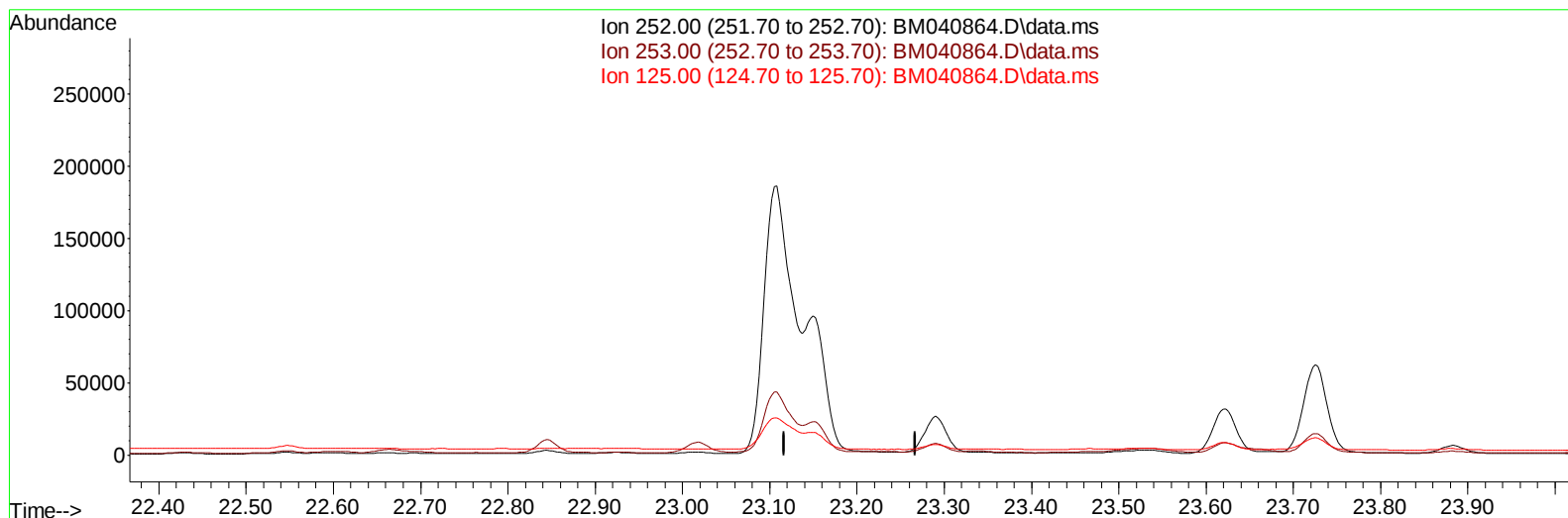
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Instrument :
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TIC: BM040864.D\data.ms

(25) Benzo(k)fluoranthene

23.167min (-23.167) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.50	0.00#
125.00	20.50	0.00#
0.00	0.00	0.00

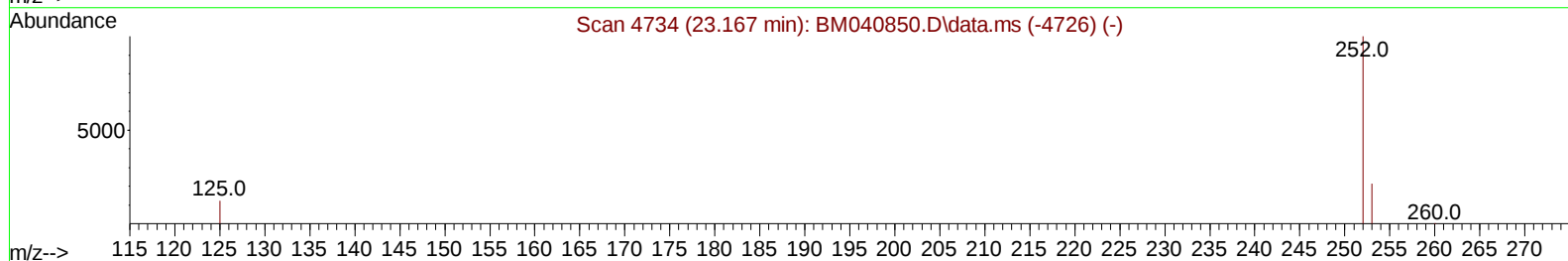
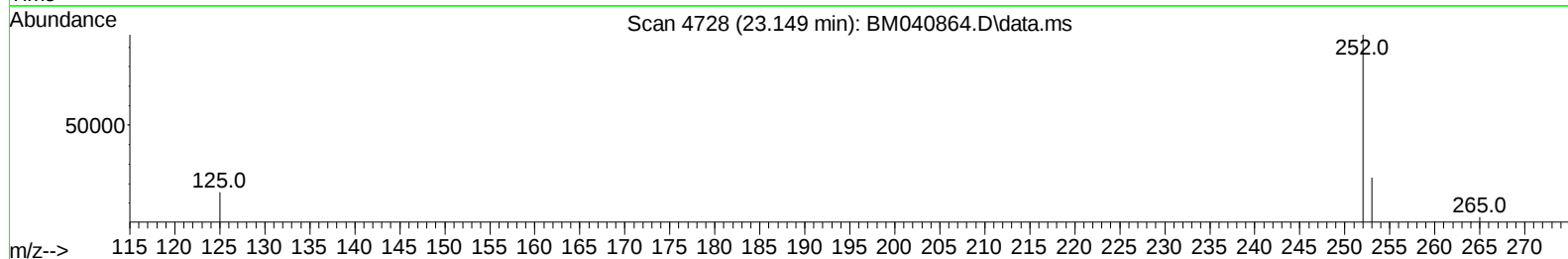
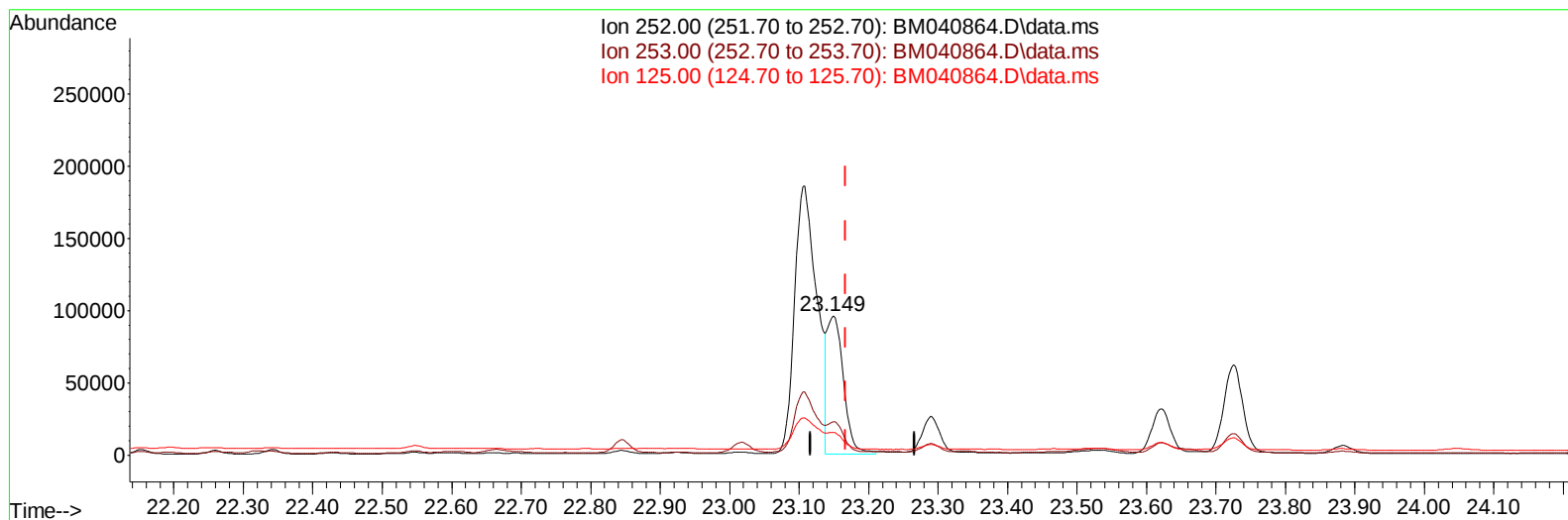
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TIC: BM040864.D\data.ms

(25) Benzo(k)fluoranthene

23.149min (-0.017) 3.24 ng/ul m

response 154197

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.89
125.00	20.50	16.37#
0.00	0.00	0.00

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 ALS Vial : 16 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4861	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	16744	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8024	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	32931m	0.400	ng/ul	0.02
17) Chrysene-d12	21.451	240	11130	0.400	ng/ul	# 0.00
23) Perylene-d12	23.830	264	12496	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22513	2.948	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5329	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	8345	0.234	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.713	128	60507	1.310	ng/ul	100
7) 2-Methylnaphthalene	12.330	142	19728	0.727	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	14881	0.549	ng/ul	97
10) Acenaphthylene	14.231	152	6064	0.169	ng/ul#	73
11) Acenaphthene	14.569	153	91300	3.016	ng/ul	97
12) Fluorene	15.559	166	94599	2.927	ng/ul	99
15) Phenanthrene	17.303	178	1036424	10.132	ng/ul	99
16) Anthracene	17.392	178	183870	2.139	ng/ul	100
19) Fluoranthene	19.324	202	1086027	22.971	ng/ul#	93
20) Pyrene	19.687	202	588543	11.611	ng/ul	96
21) Benzo(a)anthracene	21.434	228	370710	9.847	ng/ul	99
22) Chrysene	21.486	228	349396	8.136	ng/ul	98
24) Benzo(b)fluoranthene	23.108	252	413223	8.545	ng/ul	89
25) Benzo(k)fluoranthene	23.149	252	154197m	3.235	ng/ul	
26) Benzo(a)pyrene	23.725	252	118365	2.717	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.284	276	104931	1.730	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.297	278	45677	0.962	ng/ul	98
29) Benzo(g,h,i)perylene	27.048	276	5974	0.112	ng/ul#	62

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

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