

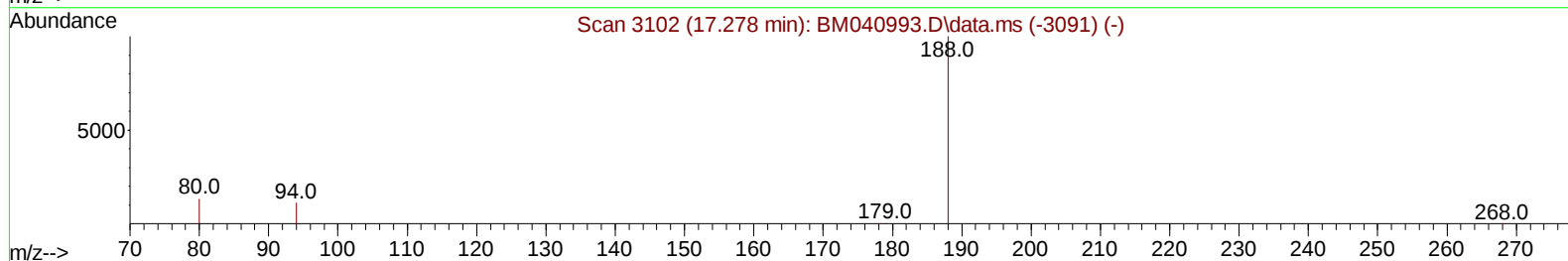
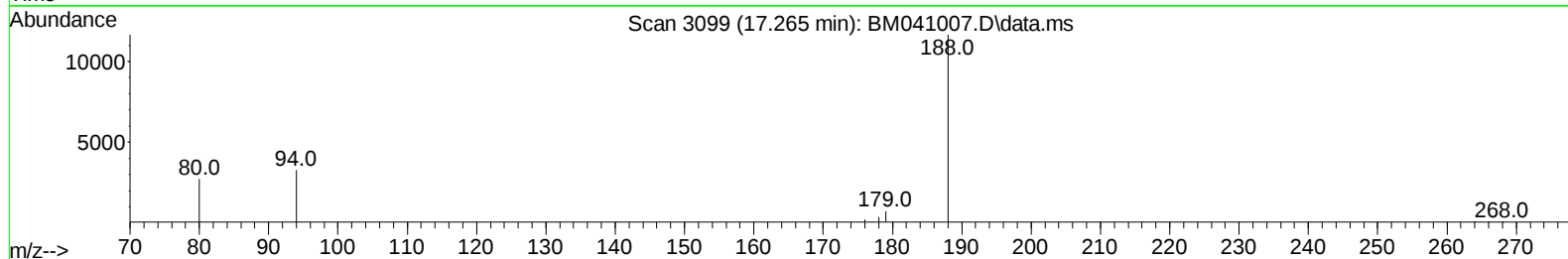
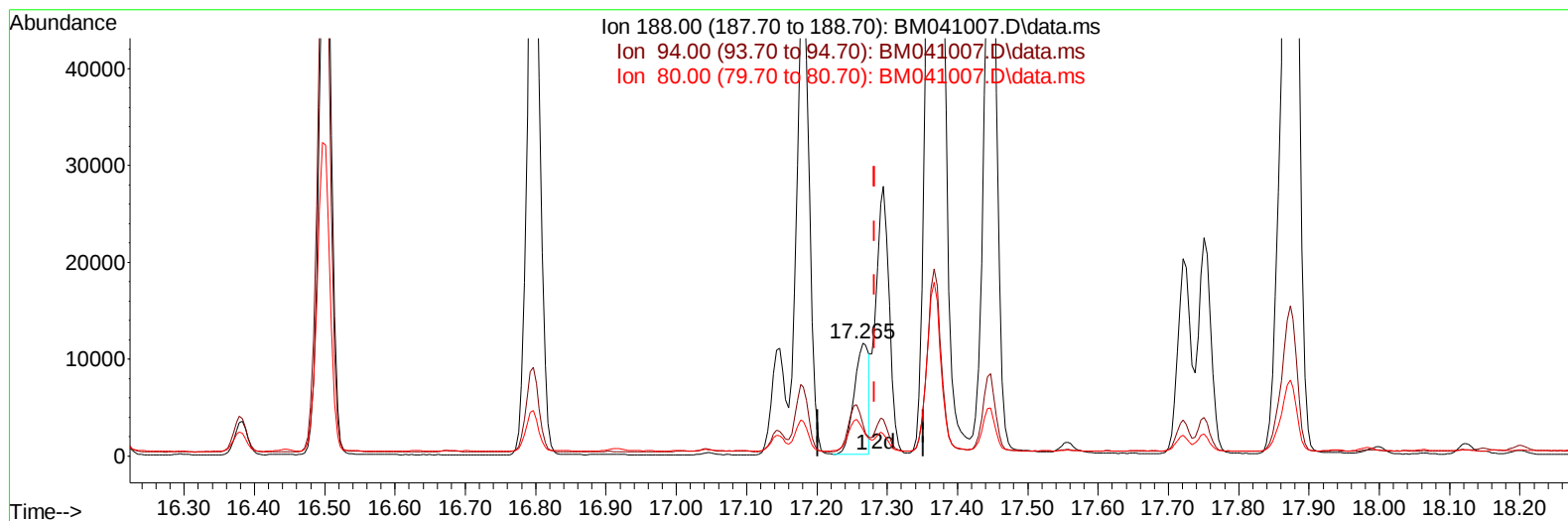
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041007.D
Acq On : 21 Jul 2023 07:33
Operator : MA/JU
Sample : 03444-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46Y2

Manual IntegrationsAPPROVED

Quant Time: Jul 21 08:04:37 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

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



TIC: BM041007.D\data.ms

(13) Phenanthrene-d10 (I)

17.265min (-0.017) 0.40 ng/u1

response 16582

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	28.16#
80.00	14.30	23.47#
0.00	0.00	0.00

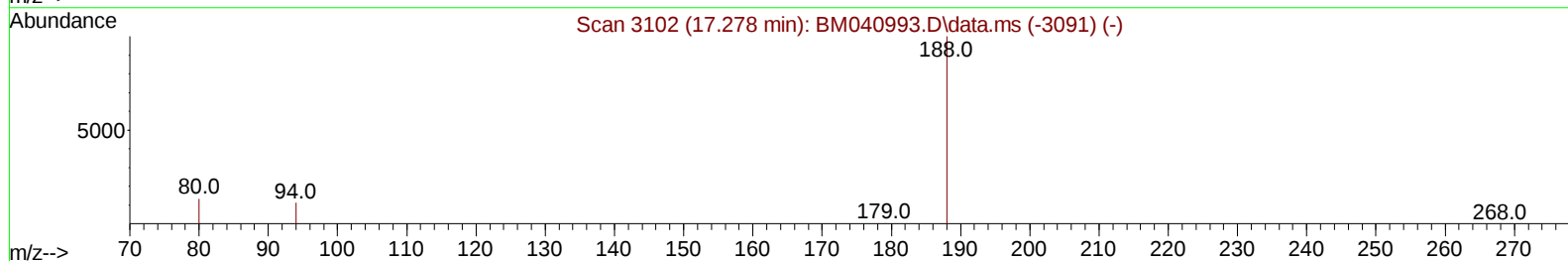
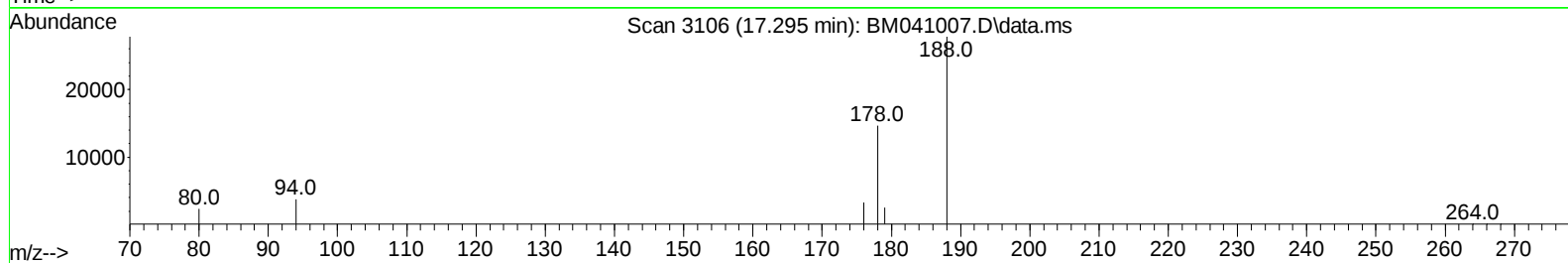
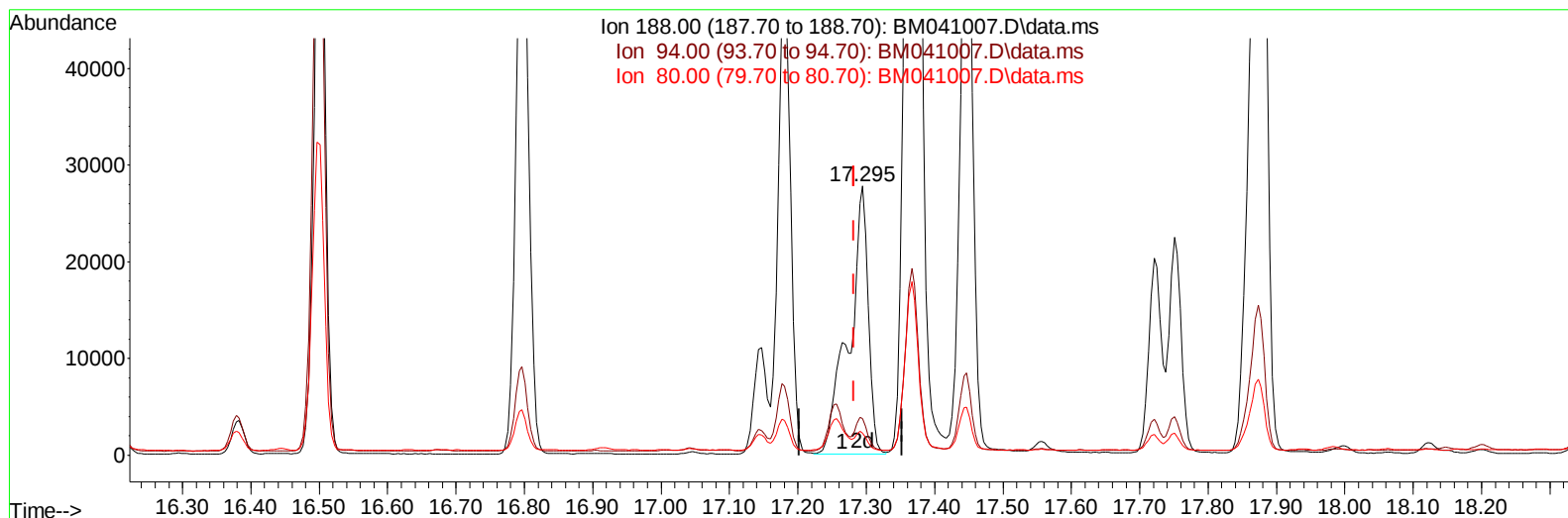
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TIC: BM041007.D\data.ms

(13) Phenanthrene-d10 (I)

17.295min (+ 0.013) 0.40 ng/ul m

response 54257

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	13.57
80.00	14.30	8.25#
0.00	0.00	0.00

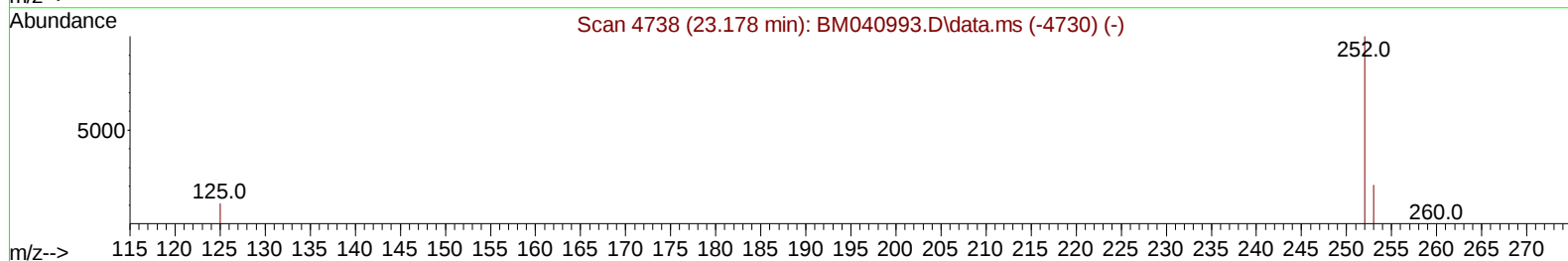
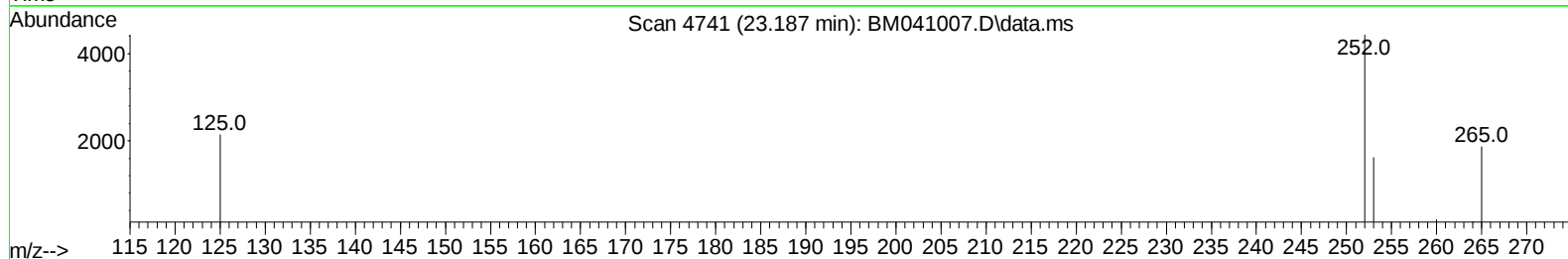
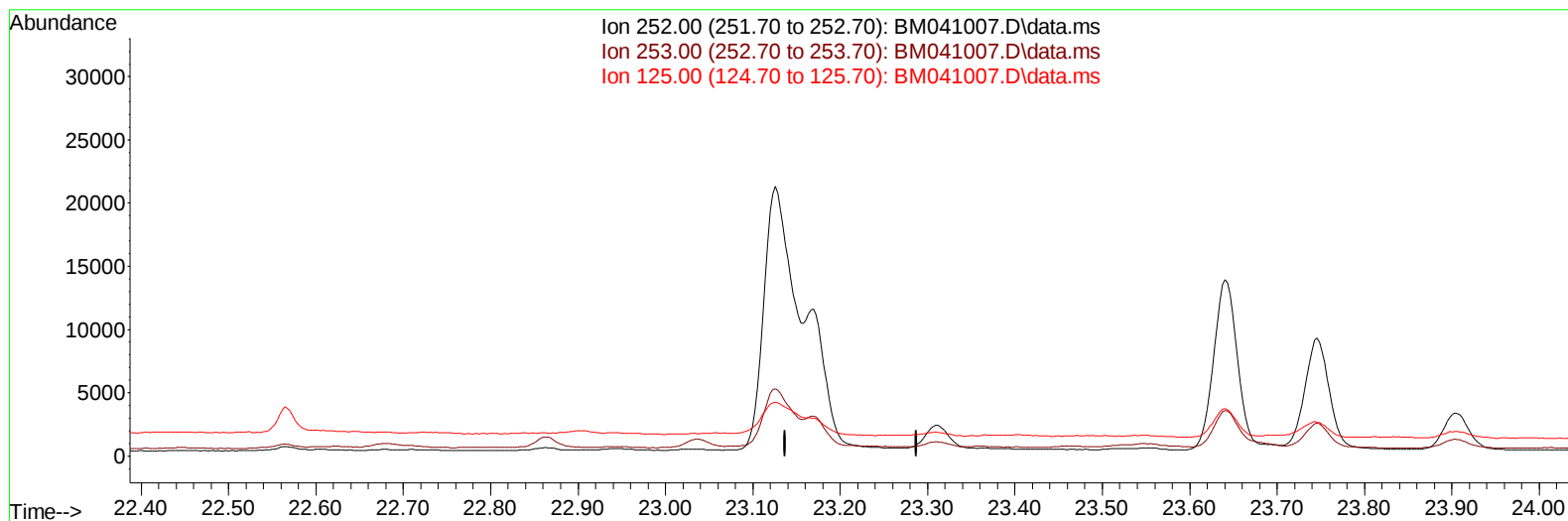
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 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A46Y2

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TIC: BM041007.D\data.ms

(25) Benzo(k)fluoranthene

23.187min (-23.187) 0.00 ng/u1

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

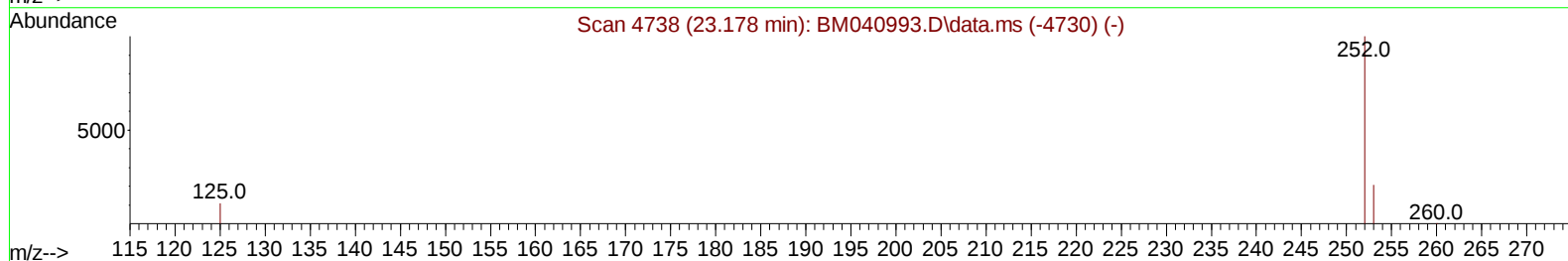
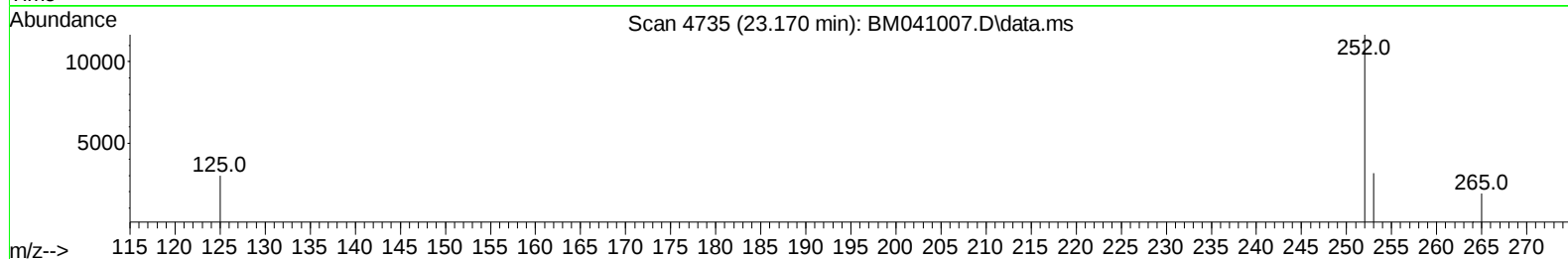
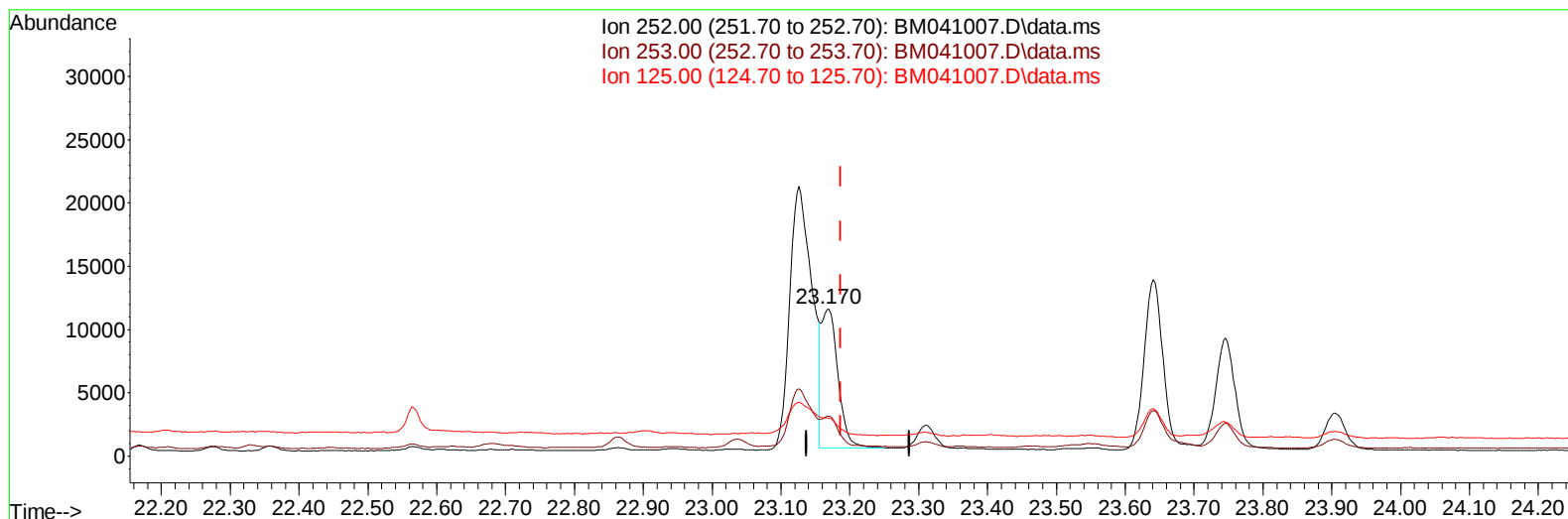
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TIC: BM041007.D\data.ms

(25) Benzo(k)fluoranthene

23.170min (-0.018) 0.70 ng/u1 m

response 18767

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	26.88
125.00	22.70	25.63
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	7.861	152	4910	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.663	136	17527	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.513	164	6588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	54257m	0.400	ng/ul	0.01
17) Chrysene-d12	21.463	240	7678	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	7315	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	10599	1.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	7682	0.329	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	8096	0.251	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	2226	0.262	ng/ul#	28
5) Naphthalene	10.718	128	27747	0.579	ng/ul	100
7) 2-Methylnaphthalene	12.335	142	4068	0.155	ng/ul	98
8) 1-Methylnaphthalene	12.555	142	9296	0.333	ng/ul	95
10) Acenaphthylene	14.236	152	3224	0.117	ng/ul#	61
11) Acenaphthene	14.578	153	5121	0.211	ng/ul	99
12) Fluorene	15.568	166	6594	0.262	ng/ul#	97
15) Phenanthrene	17.312	178	85103	0.525	ng/ul	99
16) Anthracene	17.405	178	7746	0.061	ng/ul#	95
19) Fluoranthene	19.329	202	117978	2.976	ng/ul	99
20) Pyrene	19.696	202	107963	2.666	ng/ul	97
21) Benzo(a)anthracene	21.445	228	38219	1.634	ng/ul	97
22) Chrysene	21.498	228	43504	1.627	ng/ul	96
24) Benzo(b)fluoranthene	23.126	252	46654	1.662	ng/ul	93
25) Benzo(k)fluoranthene	23.170	252	18767m	0.704	ng/ul	
26) Benzo(a)pyrene	23.746	252	17346	0.715	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.320	276	22809	0.709	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.327	278	5441	0.224	ng/ul#	82
29) Benzo(g,h,i)perylene	27.078	276	22906	0.770	ng/ul	98

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

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