

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044140.D
Acq On : 16 Feb 2024 15:46
Operator : MA/JU
Sample : P1329-22DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

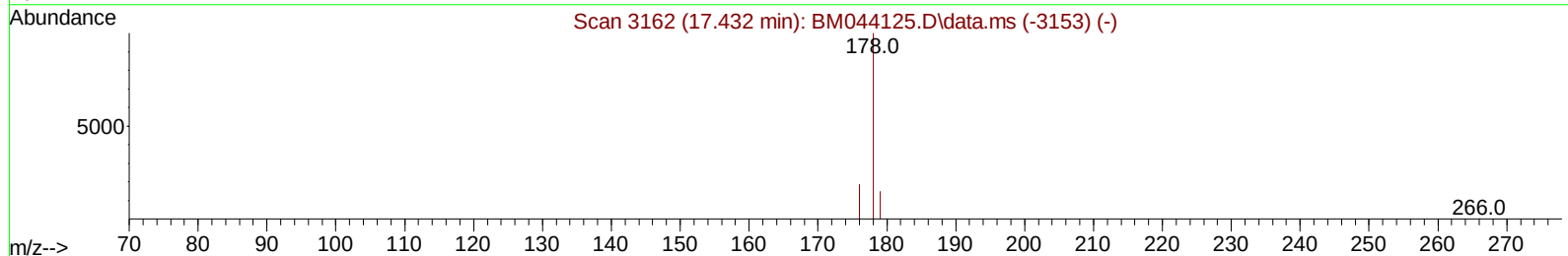
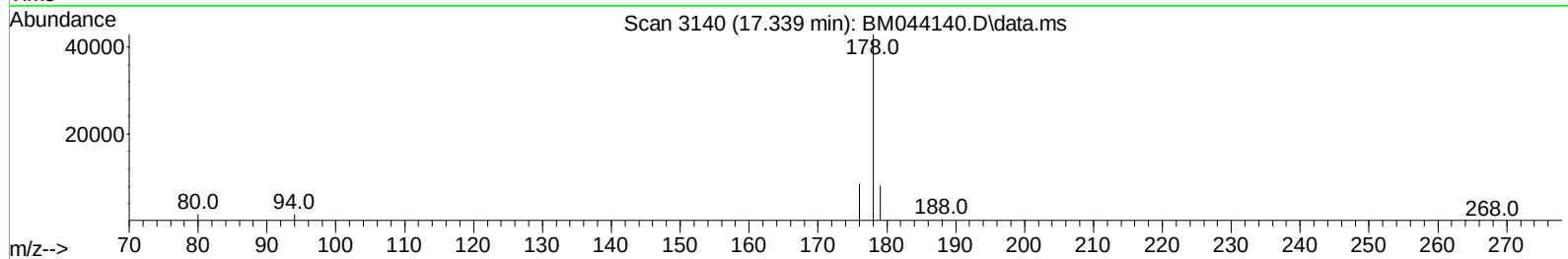
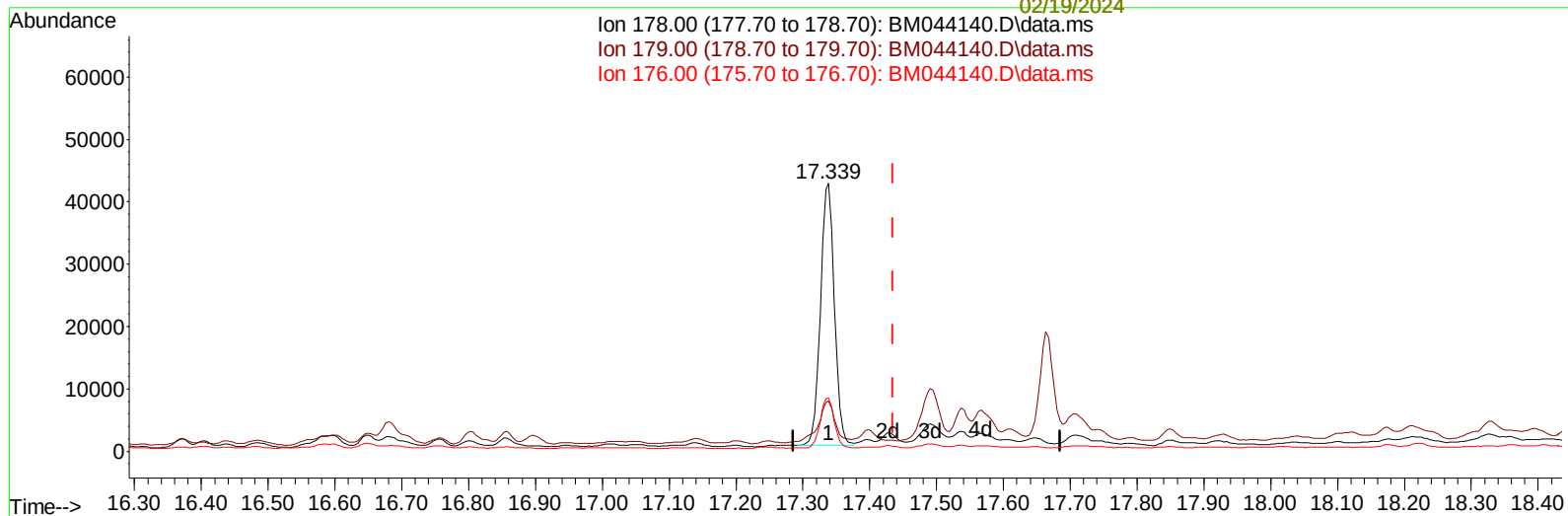
Instrument :
BNA_M
ClientSampleId :
COFN0DL

Manual IntegrationsAPPROVED

Quant Time: Feb 16 22:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

Supervised By :mohammad
ahmed
02/19/2024



TIC: BM044140.D\data.ms

(16) Anthracene

17.339min (-0.097) 0.49 ng/u1

response 60001

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	18.78
176.00	19.10	19.91
0.00	0.00	0.00

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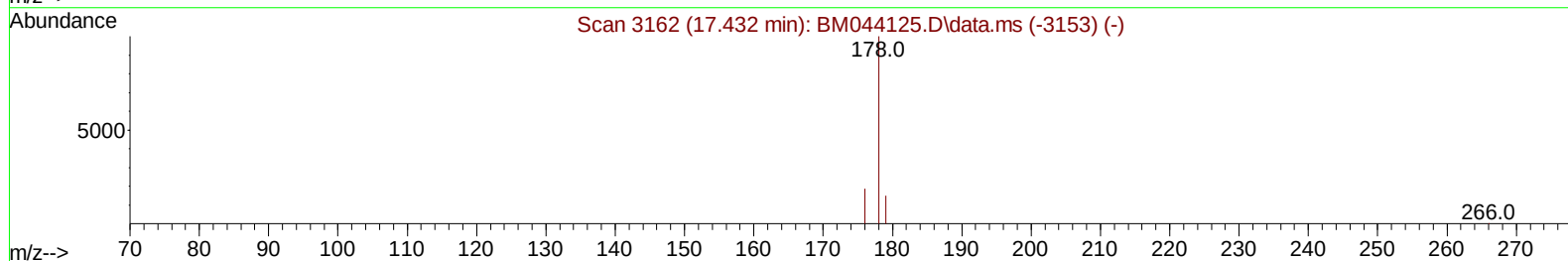
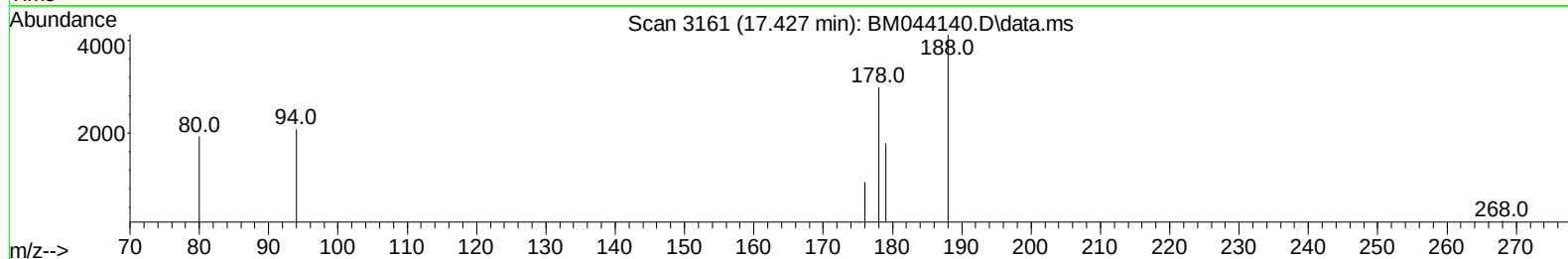
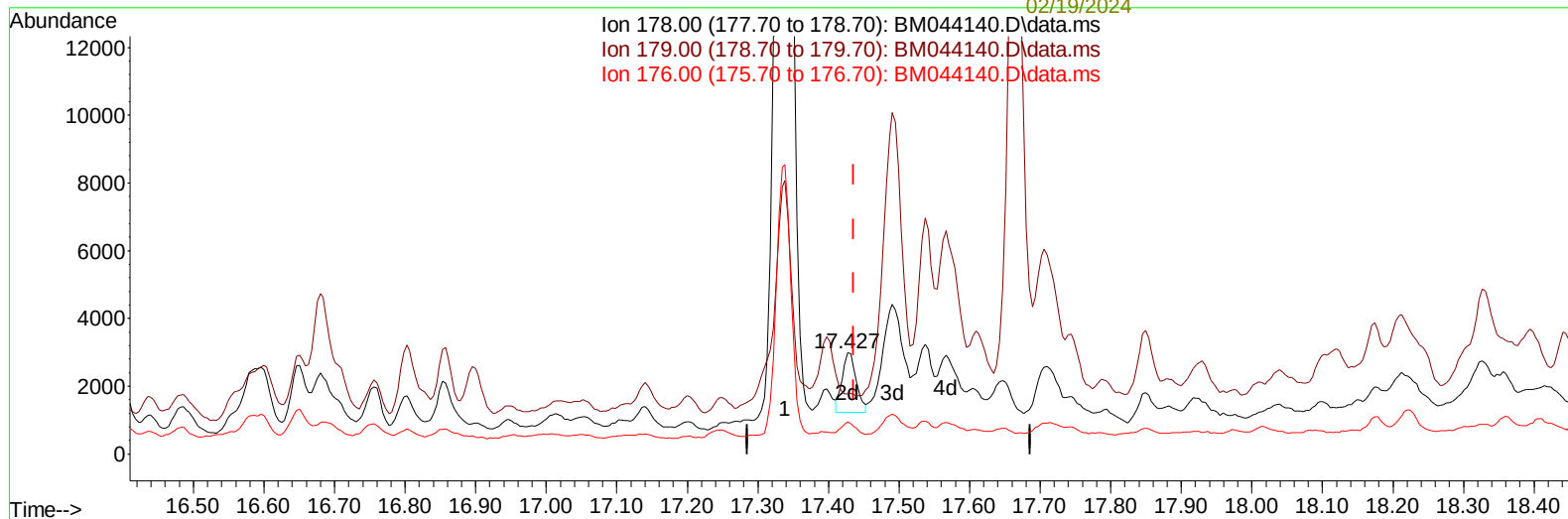
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(16) Anthracene

17.427min (-0.008) 0.02 ng/ul m

response 2464

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	59.48#
176.00	19.10	31.52#
0.00	0.00	0.00

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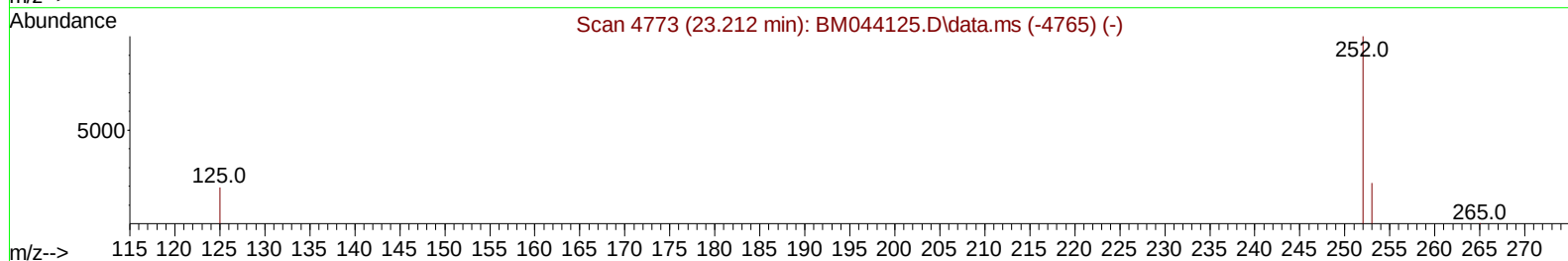
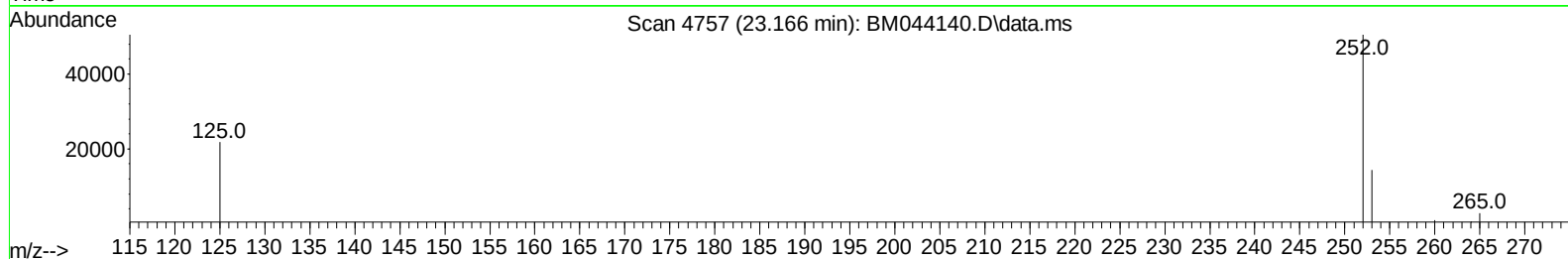
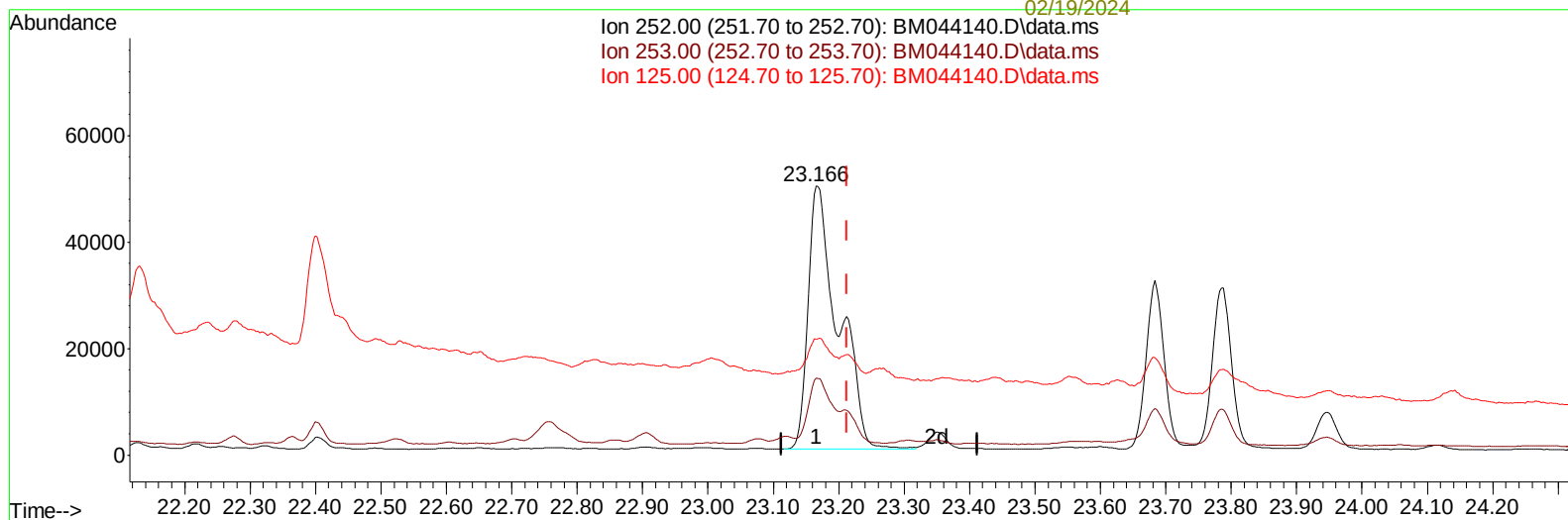
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TIC: BM044140.D\data.ms

(25) Benzo(k)fluoranthene23.166min (-0.047) 1.67 ng/u l

response 158363

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	28.60
125.00	15.40	43.14#
0.00	0.00	0.00

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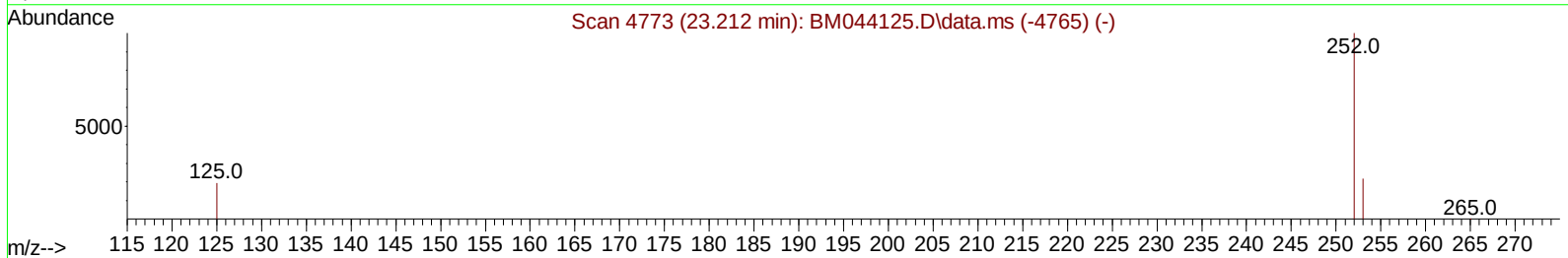
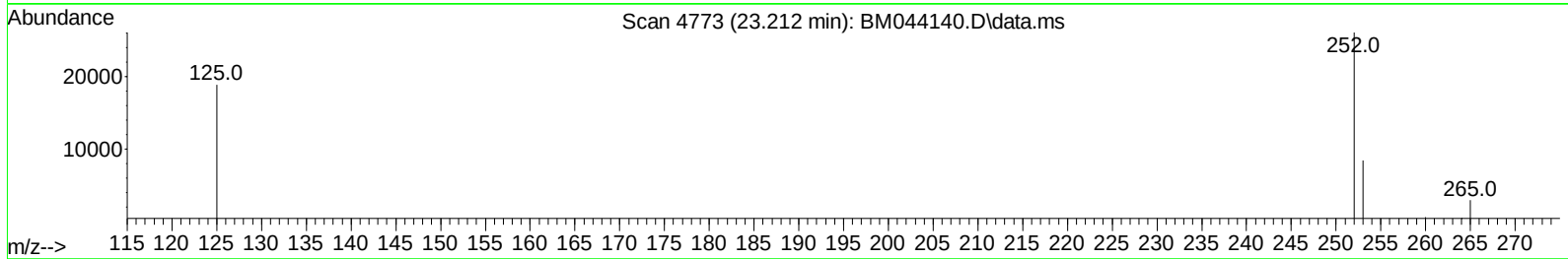
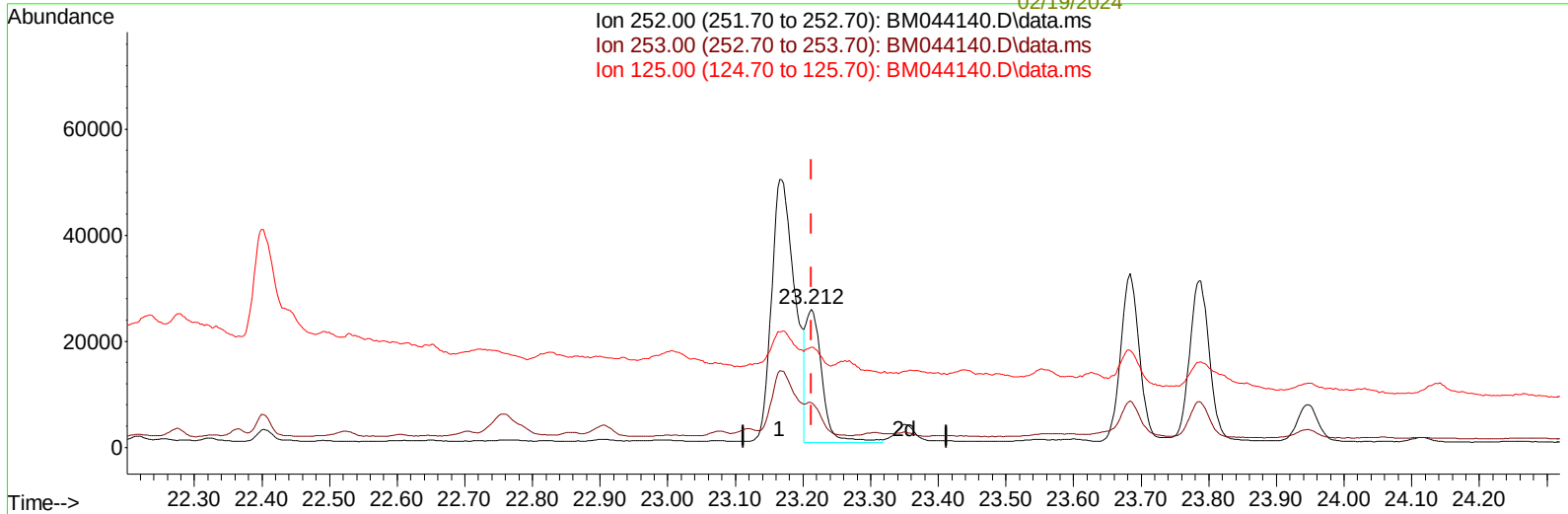
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(25) Benzo(k)fluoranthene

23.212min (+ 0.000) 0.44 ng/ul m

response 42177

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.32#
125.00	15.40	72.44#
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	7.900	152	10726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	35369	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164	20947	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	38890	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.500	240	20193	0.400	ng/ul	# 0.00
23) Perylene-d12	23.891	264	21170	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	12108	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	7982	0.161	ng/ul	-0.02
18) Fluoranthene-d10	19.326	212	5424	0.090	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	48613	0.462	ng/ul#	74
7) 2-Methylnaphthalene	12.365	142	118183	1.823	ng/ul	91
8) 1-Methylnaphthalene	12.585	142	107268	1.635	ng/ul	92
10) Acenaphthylene	14.270	152	11628	0.101	ng/ul#	1
11) Acenaphthene	14.607	153	11228	0.135	ng/ul#	84
12) Fluorene	15.593	166	12518	0.133	ng/ul#	73
14) Pentachlorophenol	16.937	266	655	0.047	ng/ul#	91
15) Phenanthrene	17.339	178	60001	0.487	ng/ul	97
16) Anthracene	17.427	178	2464m	0.020	ng/ul	
19) Fluoranthene	19.359	202	378164	4.108	ng/ul	97
20) Pyrene	19.721	202	218193	2.254	ng/ul#	94
21) Benzo(a)anthracene	21.485	228	78796	0.852	ng/ul#	93
22) Chrysene	21.538	228	104302	1.046	ng/ul#	94
24) Benzo(b)fluoranthene	23.166	252	113934	1.304	ng/ul#	70
25) Benzo(k)fluoranthene	23.212	252	42177m	0.445	ng/ul	
26) Benzo(a)pyrene	23.785	252	61910	0.762	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.370	276	41257	0.399	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.386	278	10685	0.131	ng/ul#	24
29) Benzo(g,h,i)perylene	27.128	276	38746	0.424	ng/ul#	87

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

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