Quantitation Report (Qedit)

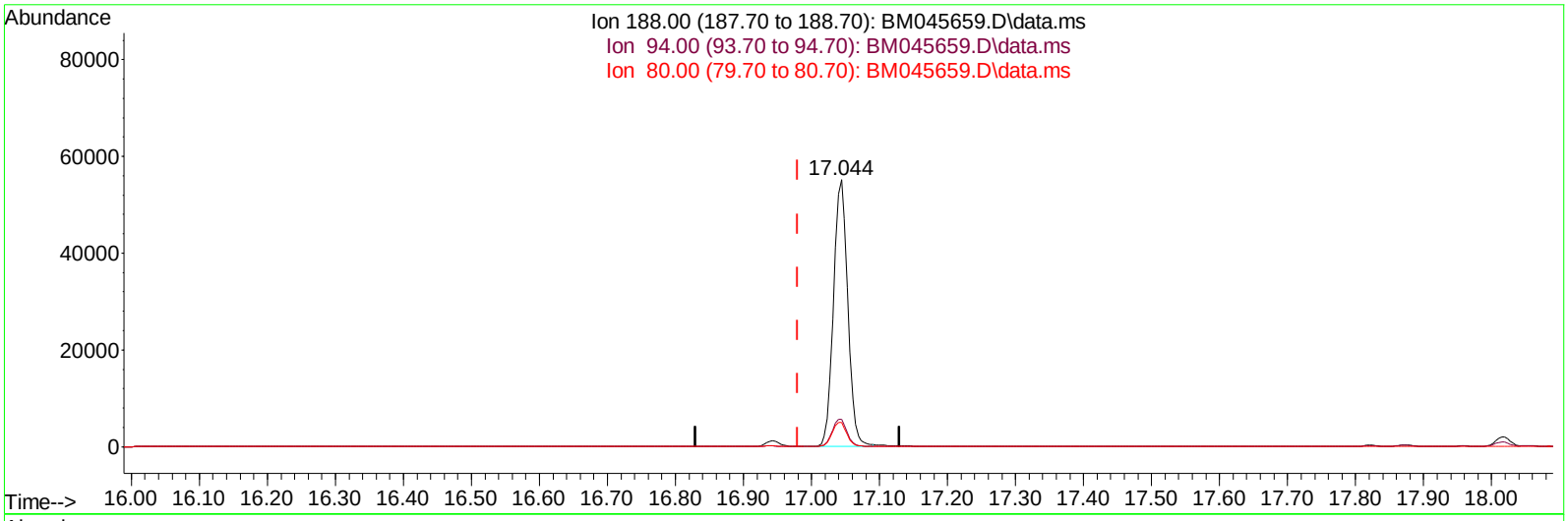
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045659.D
Acq On : 01 May 2024 13:10
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

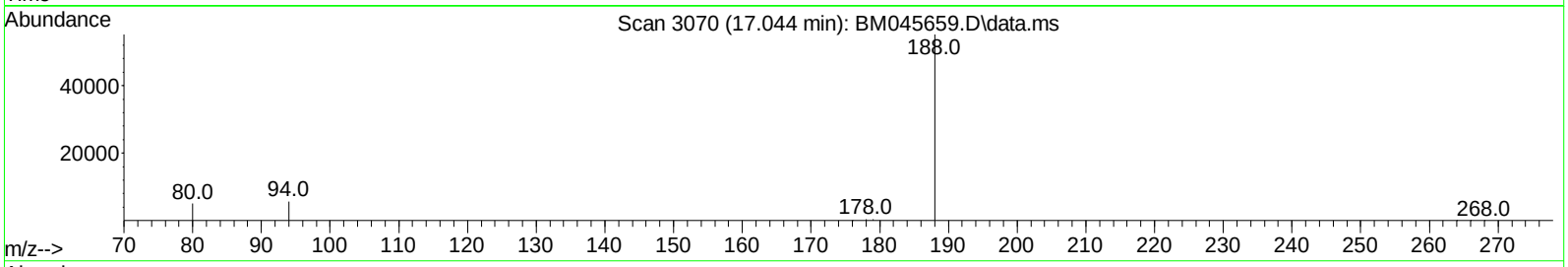
Quant Time: May 01 13:42:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration

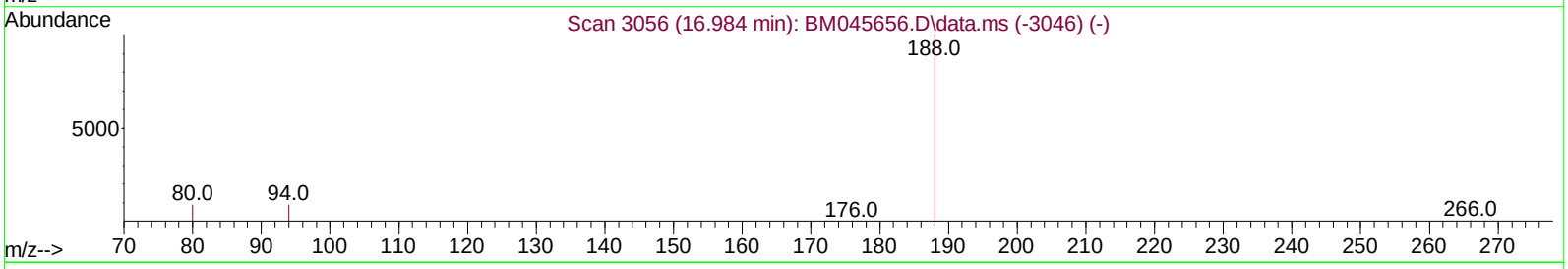
Instrument :
BNA_M
ClientSampleId :
C0AD2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BM045659.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.064) 0.40 ng/ul

response 80158

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.36#
80.00	14.80	9.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045659.D
Acq On : 01 May 2024 13:10
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Misc :
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BNA_M
ClientSampleId :
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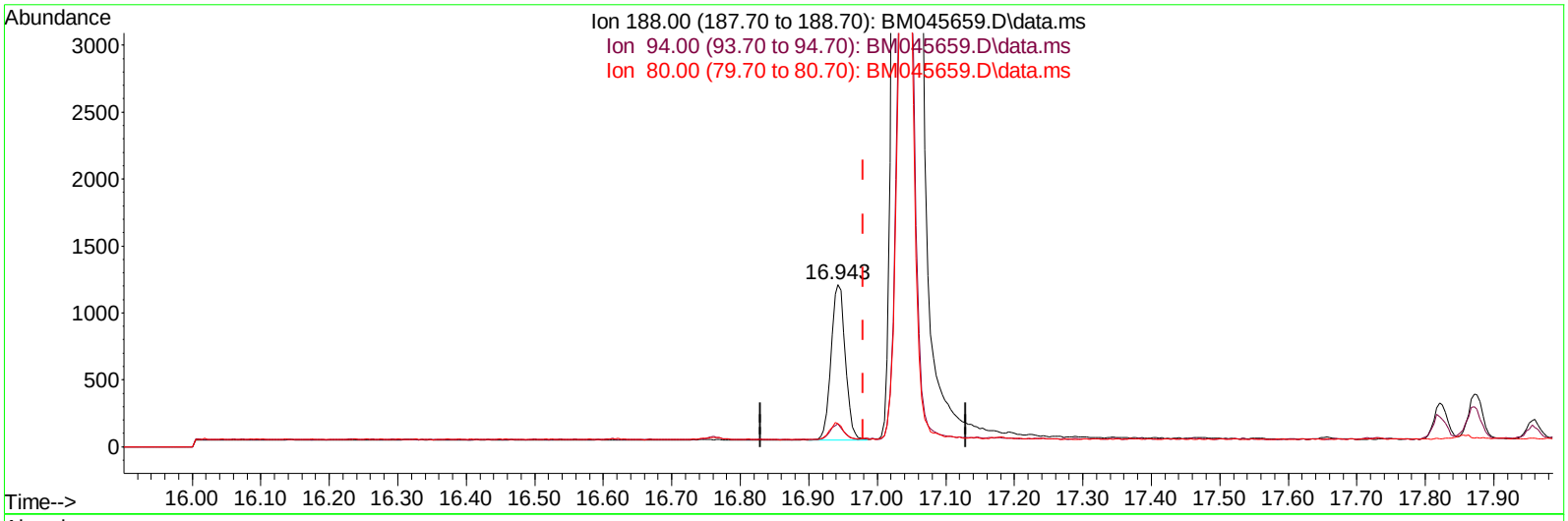

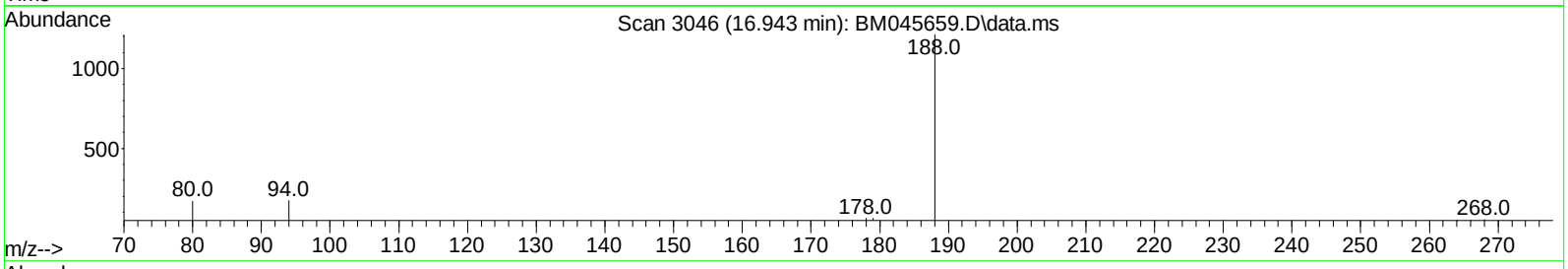

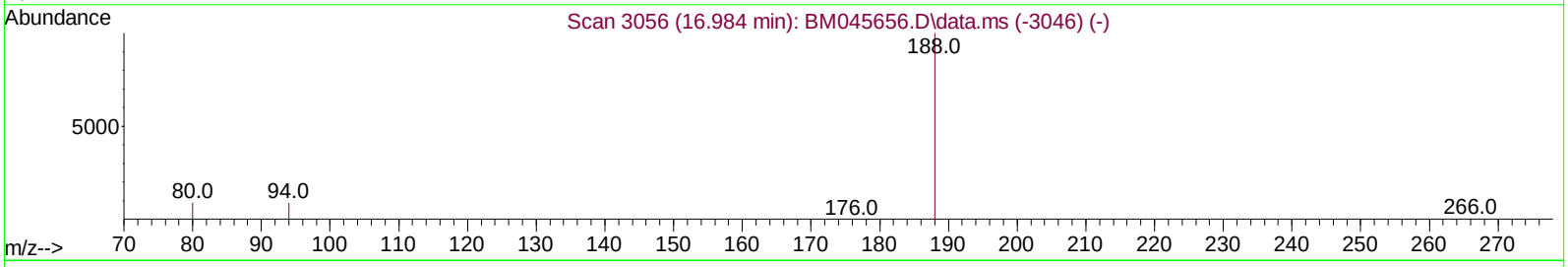

TIC: BM045659.D\data.ms

(13) Phenanthrene-d10 (I)

16.943min (-0.037) 0.40 ng/ul m

response 1682

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	14.34
80.00	14.80	14.18
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM045659.D
Acq On : 01 May 2024 13:10
Operator : MA/JU
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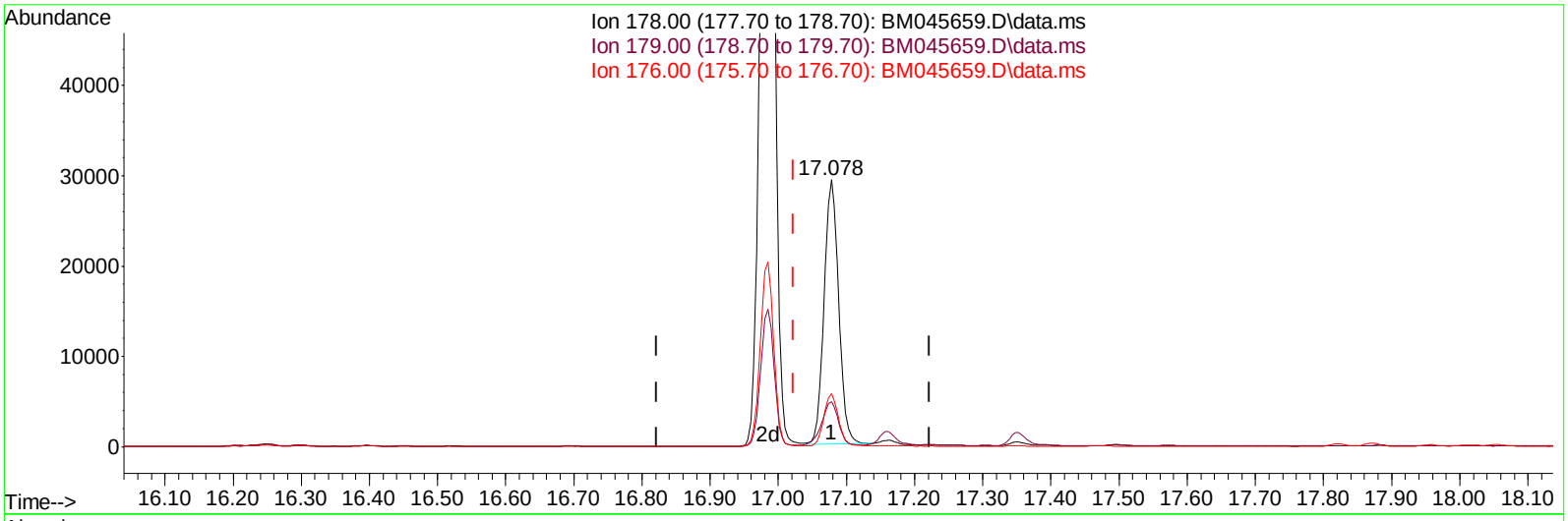

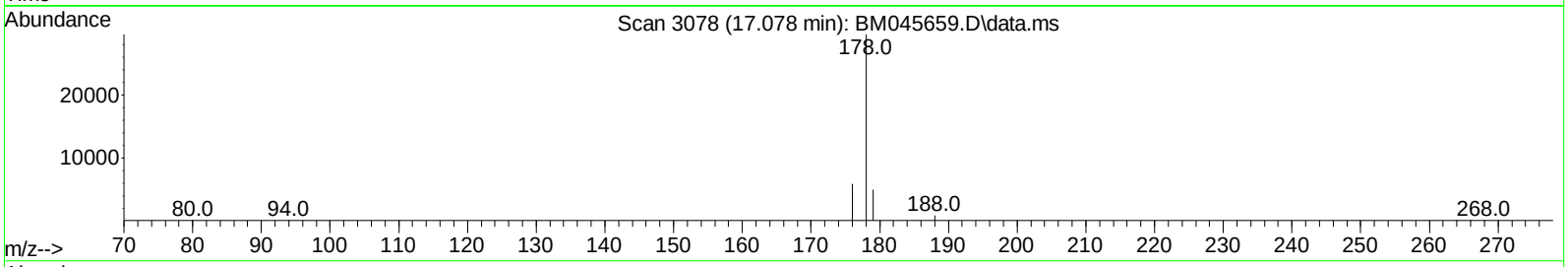

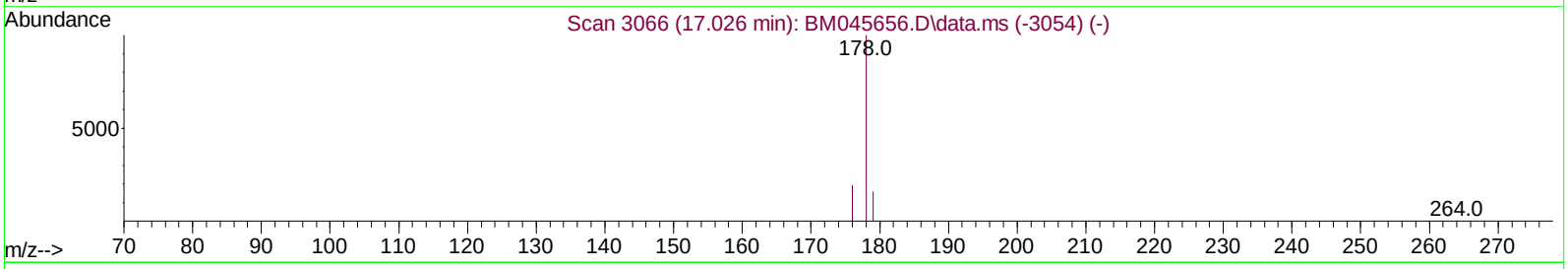

TIC: BM045659.D\data.ms

(15) Phenanthrene

17.078min (+ 0.056) 8.87 ng/ul

response 43463

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.84
176.00	23.70	19.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
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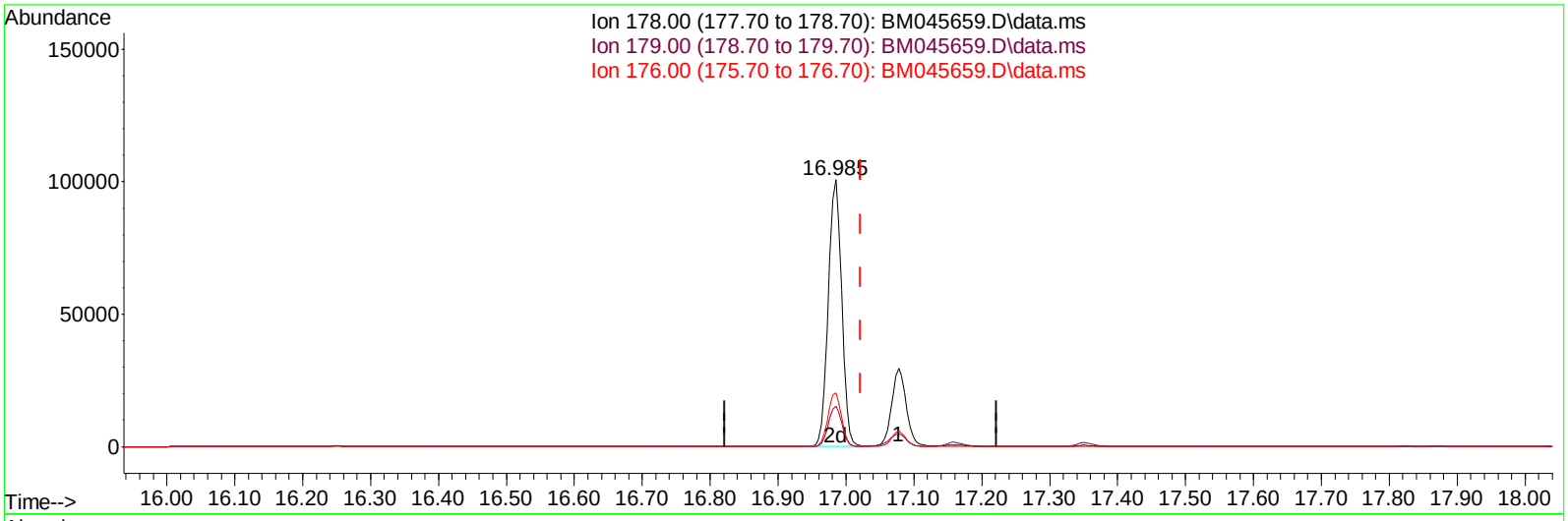

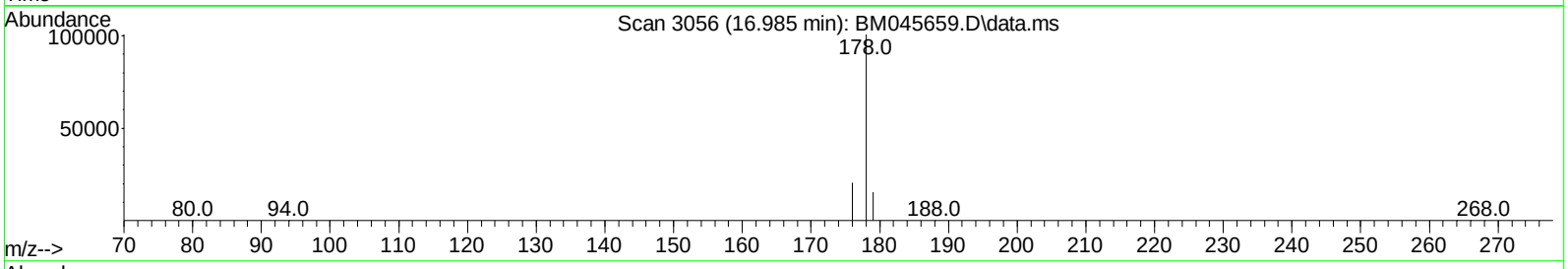

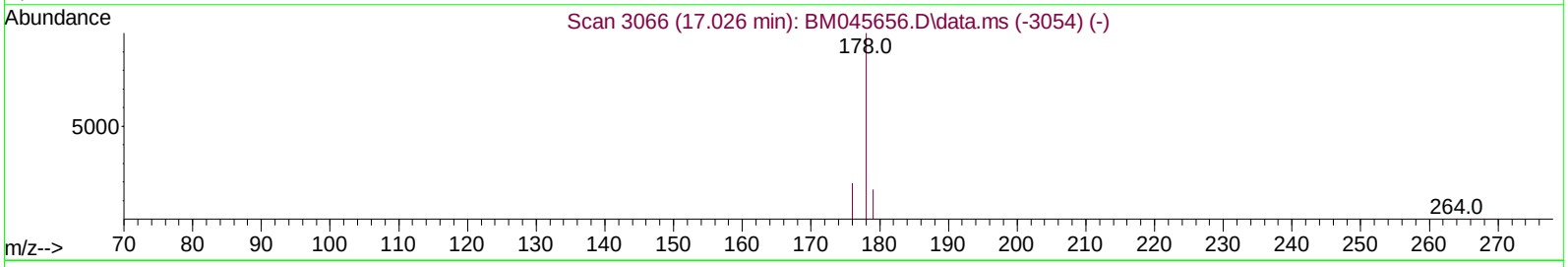

TIC: BM045659.D\data.ms

(15) Phenanthrene

16.985min (-0.037) 28.19 ng/ul m

response 138101

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	15.15#
176.00	23.70	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045659.D
Acq On : 01 May 2024 13:10
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 13:42:43 2024
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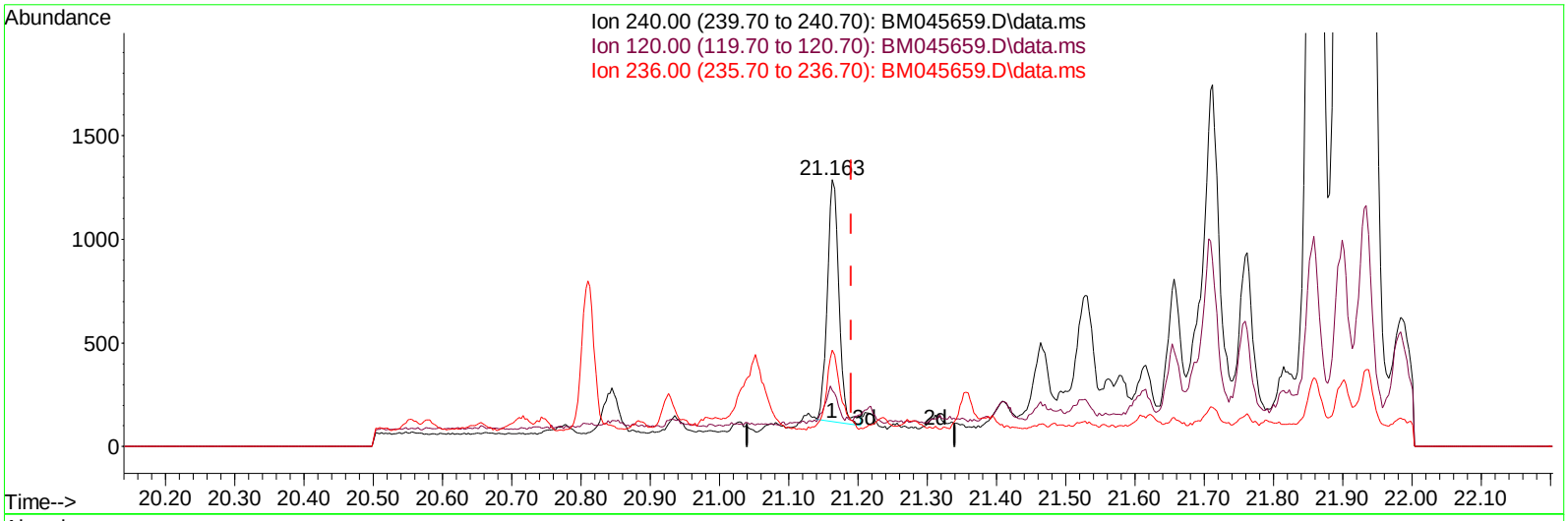

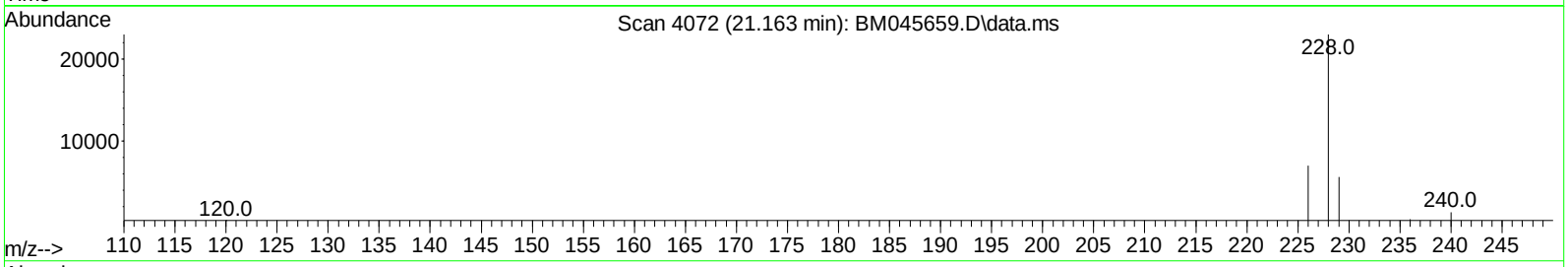

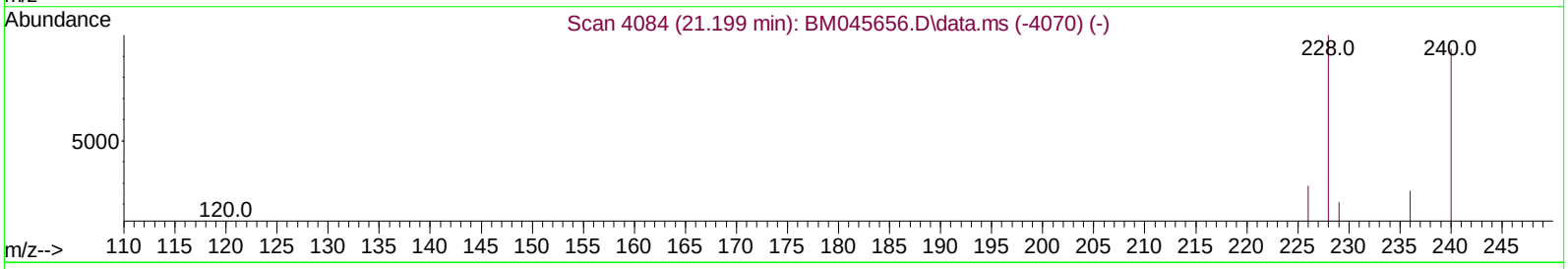

TIC: BM045659.D\data.ms

(17) Chrysene-d12

21.163min (-0.027) 0.40 ng/ul

response 1372

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.40	21.15
236.00	35.90	36.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
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Acq On : 01 May 2024 13:10
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 13:42:43 2024
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ClientSampleId :
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Manual IntegrationsAPPROVED

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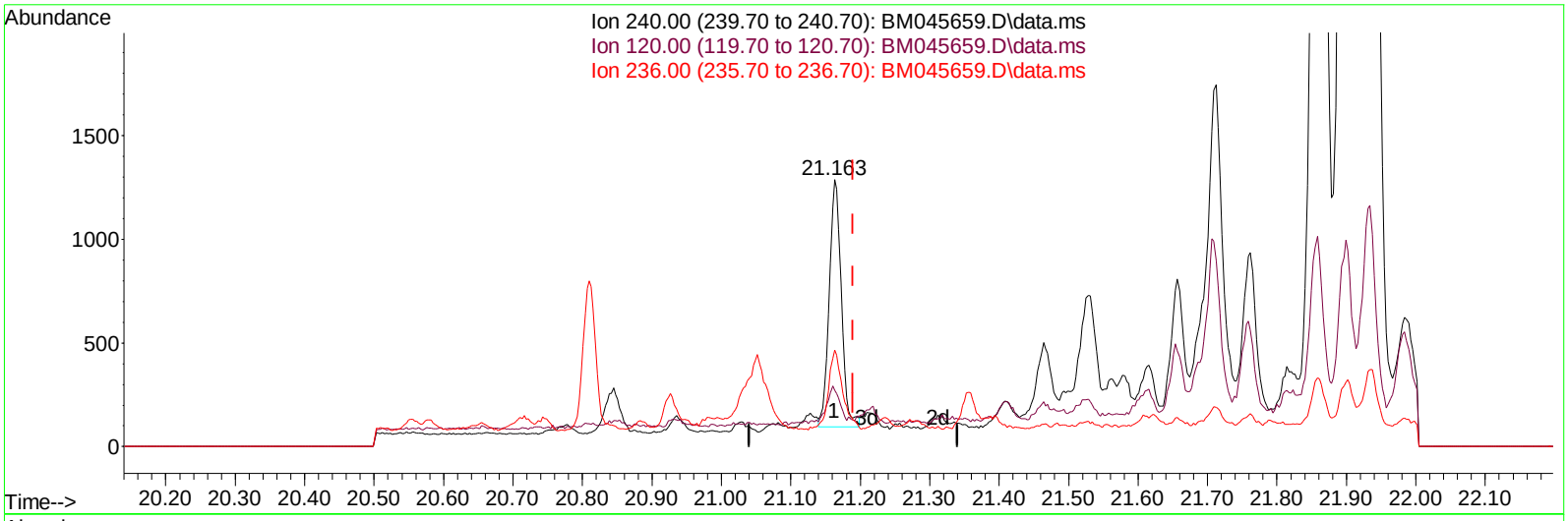

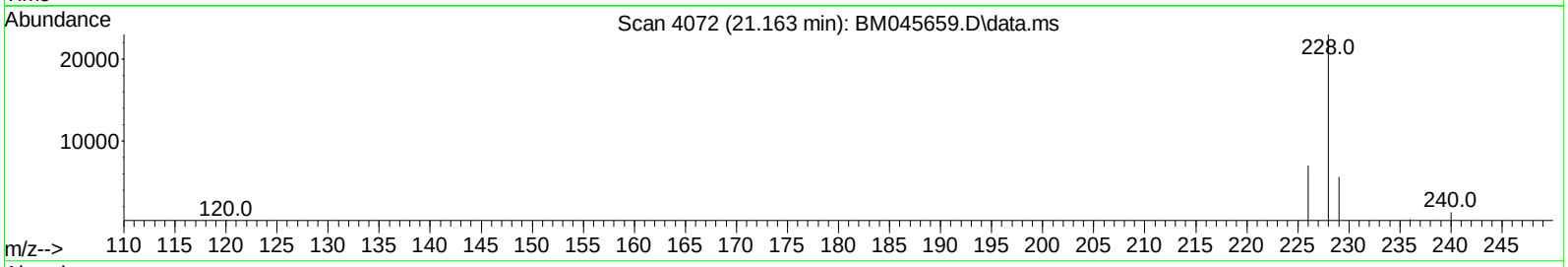

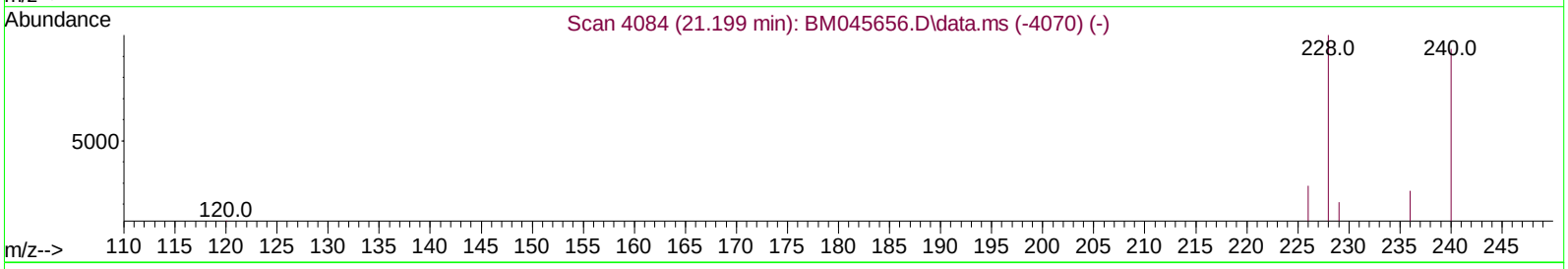

TIC: BM045659.D\data.ms

(17) Chrysene-d12

21.163min (-0.027) 0.40 ng/ul m

response 1445

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.40	21.15
236.00	35.90	36.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
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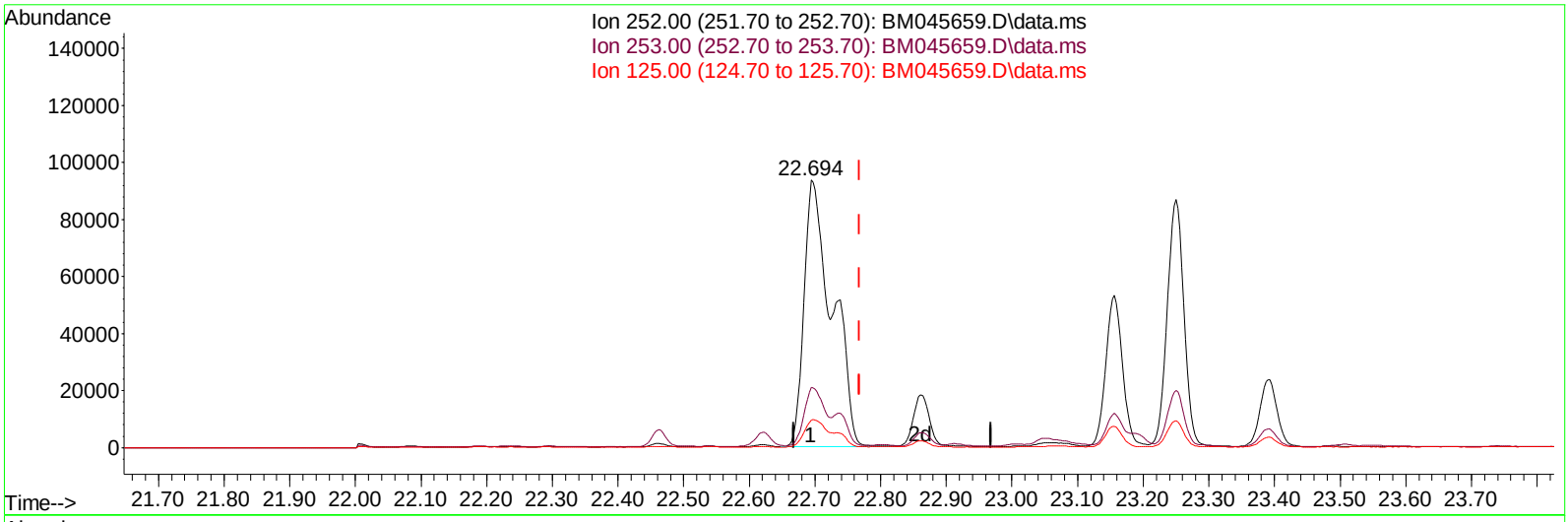

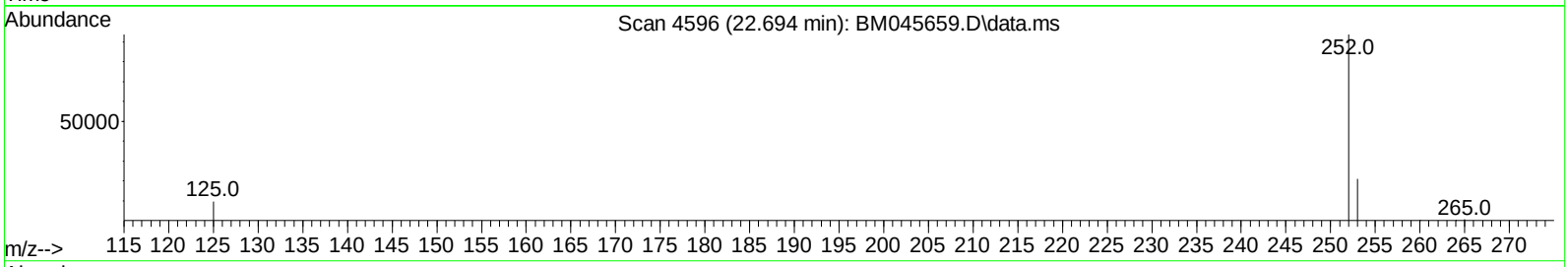

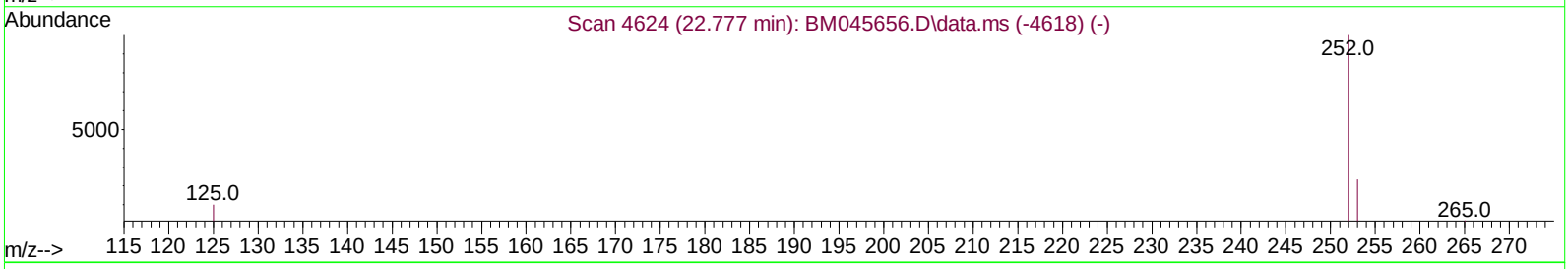

TIC: BM045659.D\data.ms

(25) Benzo(k)fluoranthene

22.694min (-0.074) 29.04 ng/ul

response 277745

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	22.43#
125.00	18.50	10.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
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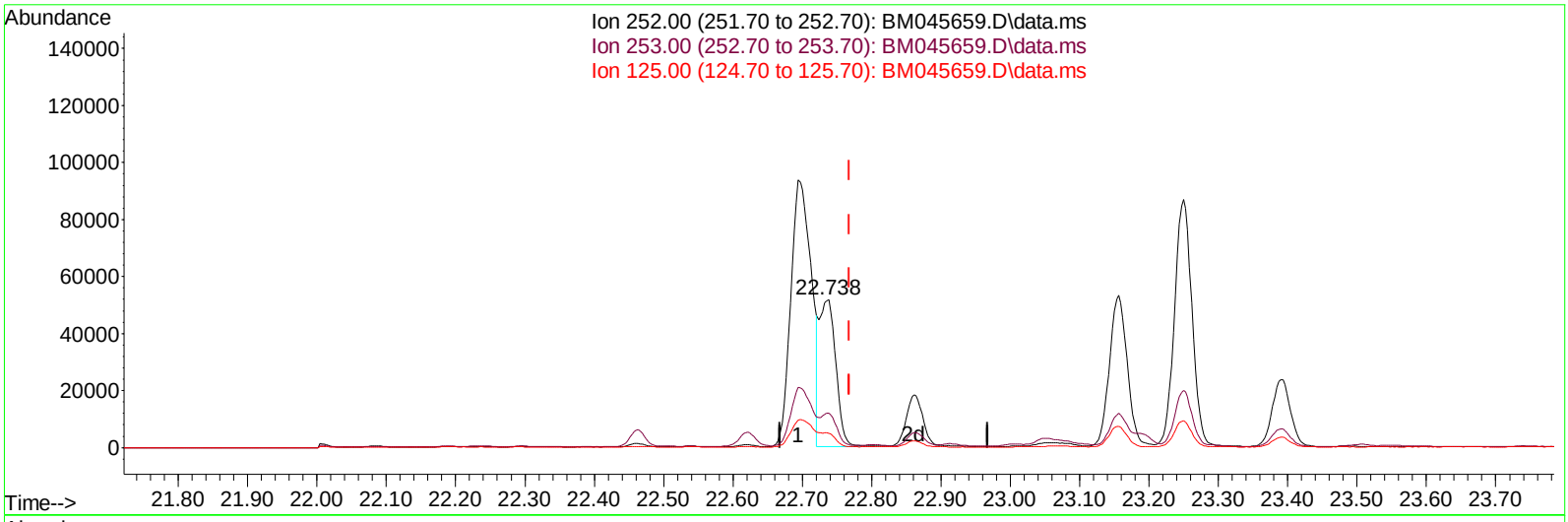

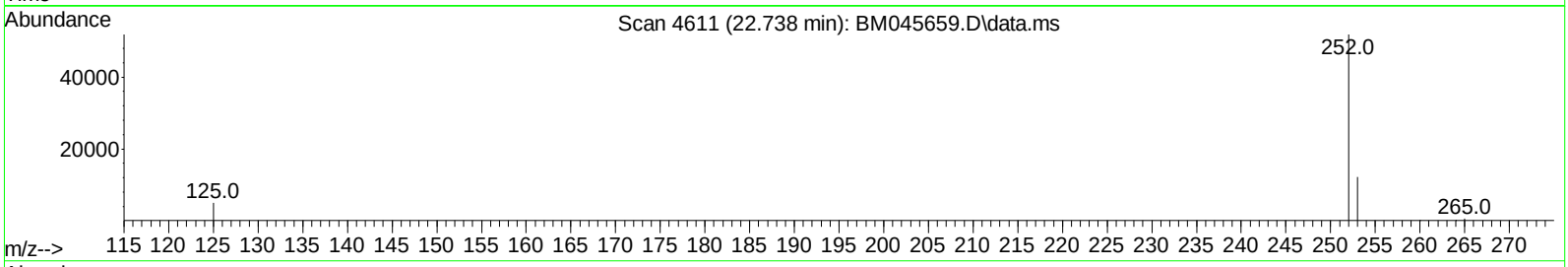

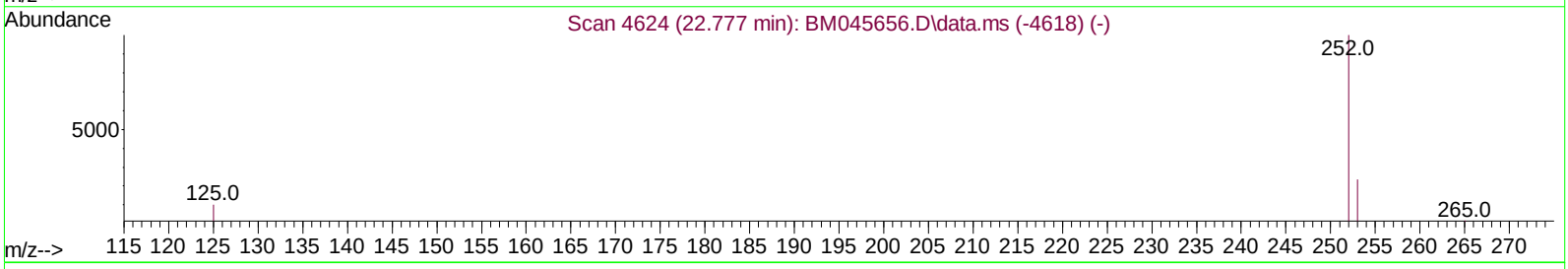

TIC: BM045659.D\data.ms

(25) Benzo(k)fluoranthene

22.738min (-0.030) 8.90 ng/ul m

response 85072

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.38#
125.00	18.50	9.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	614	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.292	136	1860	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.178	164	956	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.943	188	1682m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.163	240	1445m	0.400	ng/ul	-0.03
23) Perylene-d12	23.343	264	2250	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2322	2.821	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.909	152	500	0.204	ng/ul	-0.02
18) Fluoranthene-d10	18.983	212	889	0.195	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.342	128	1433	0.287	ng/ul	97
7) 2-Methylnaphthalene	11.980	142	497	0.174	ng/ul	97
8) 1-Methylnaphthalene	12.200	142	549	0.172	ng/ul	97
10) Acenaphthylene	13.900	152	994	0.211	ng/ul#	88
11) Acenaphthene	14.243	153	8373	2.391	ng/ul	96
12) Fluorene	15.242	166	8193	2.188	ng/ul#	97
15) Phenanthrene	16.985	178	138101m	28.192	ng/ul	
16) Anthracene	17.078	178	42751	9.328	ng/ul#	91
19) Fluoranthene	19.016	202	277768	41.655	ng/ul#	90
20) Pyrene	19.383	202	234162	34.163	ng/ul#	91
21) Benzo(a)anthracene	21.148	228	141445	30.623	ng/ul	92
22) Chrysene	21.201	228	118408	16.673	ng/ul	98
24) Benzo(b)fluoranthene	22.694	252	199879	26.409	ng/ul	83
25) Benzo(k)fluoranthene	22.738	252	85072m	8.896	ng/ul	
26) Benzo(a)pyrene	23.250	252	152771	19.462	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.514	276	128150	11.232	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.524	278	31144	3.442	ng/ul#	86
29) Benzo(g,h,i)perylene	26.174	276	111244	10.852	ng/ul#	91

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

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