

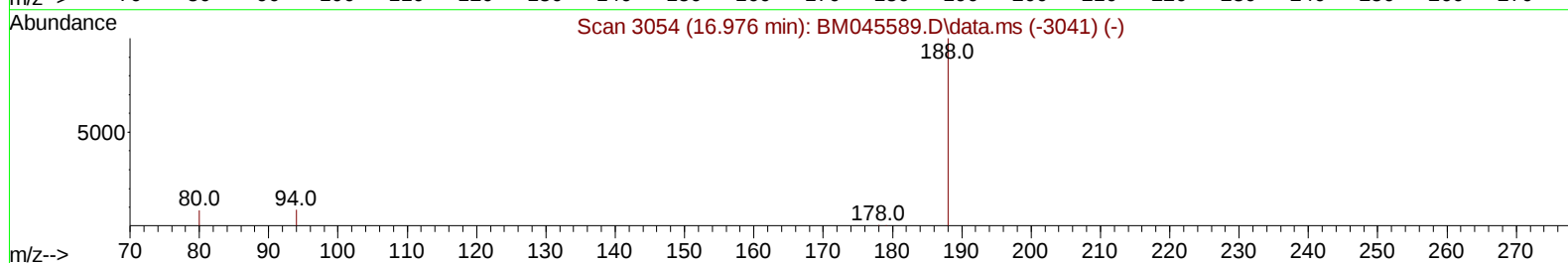
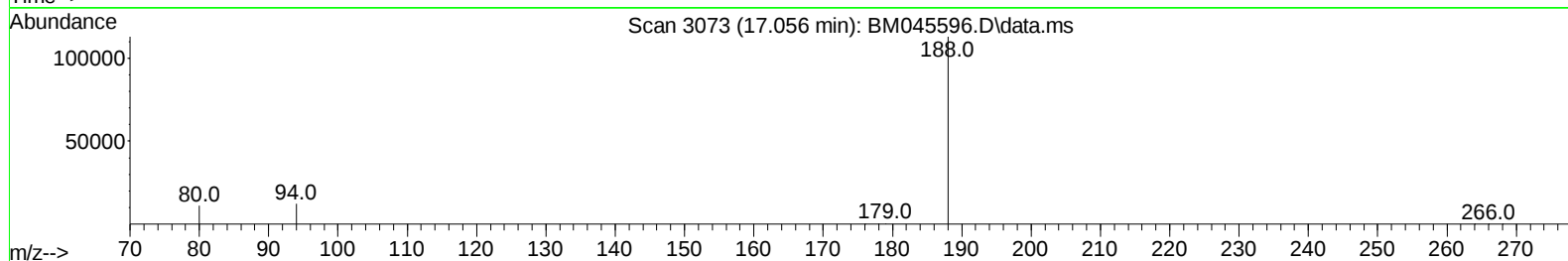
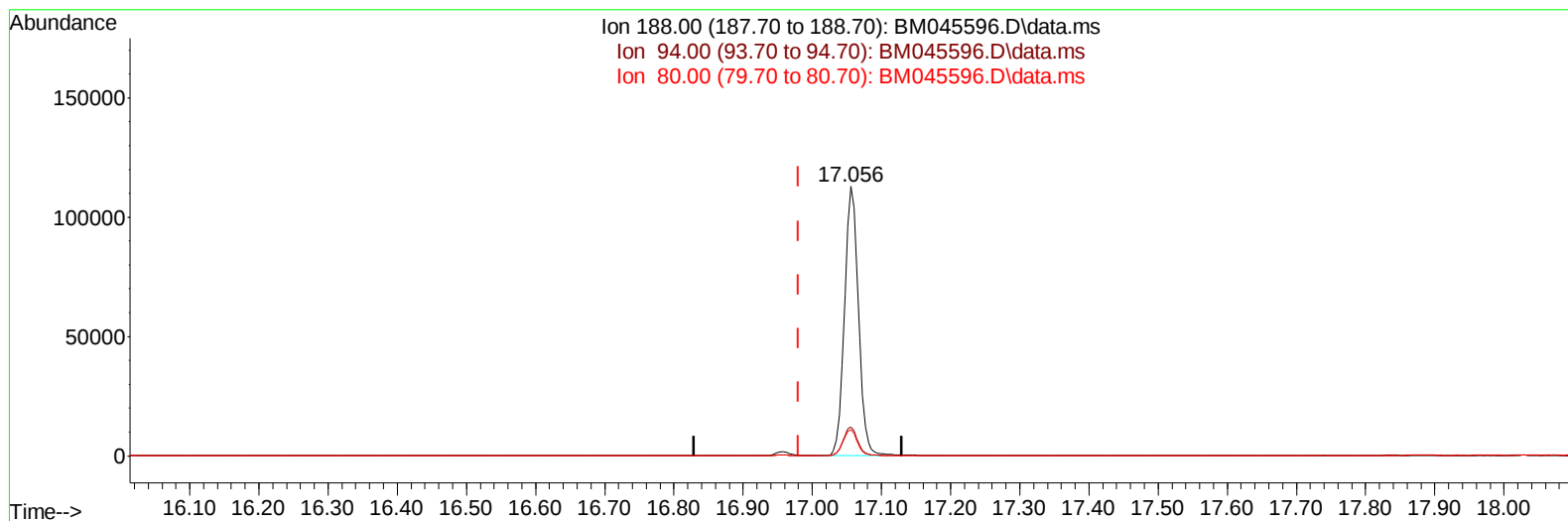
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045596.D
Acq On : 26 Apr 2024 20:16
Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX0

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:53:16 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 : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045596.D\data.ms

(13) Phenanthrene-d10 (I)

17.056min (+ 0.076) 0.40 ng/u1

response 157577

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.76#
80.00	14.80	9.86#
0.00	0.00	0.00

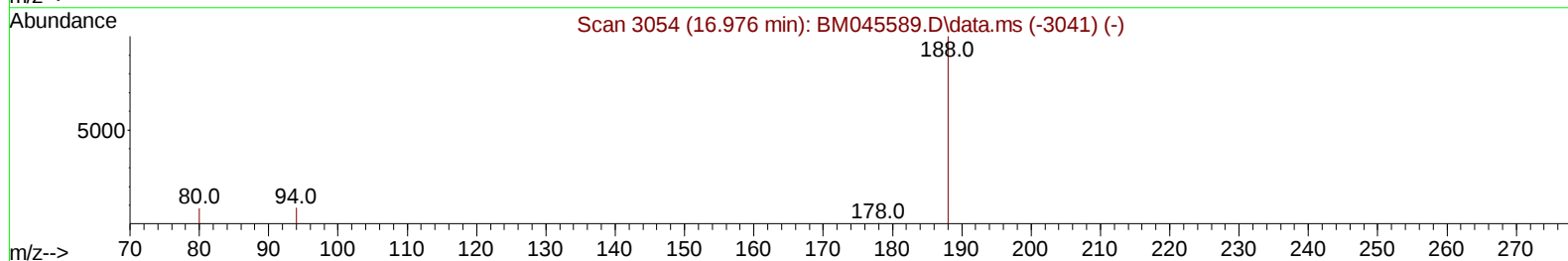
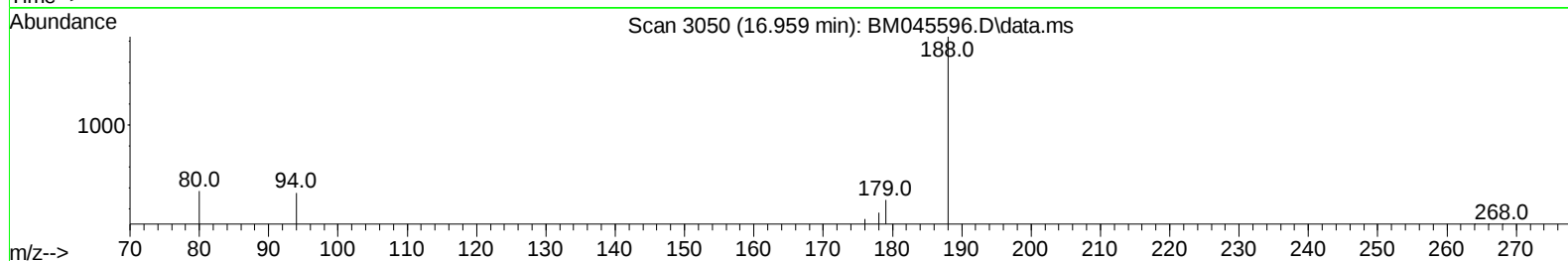
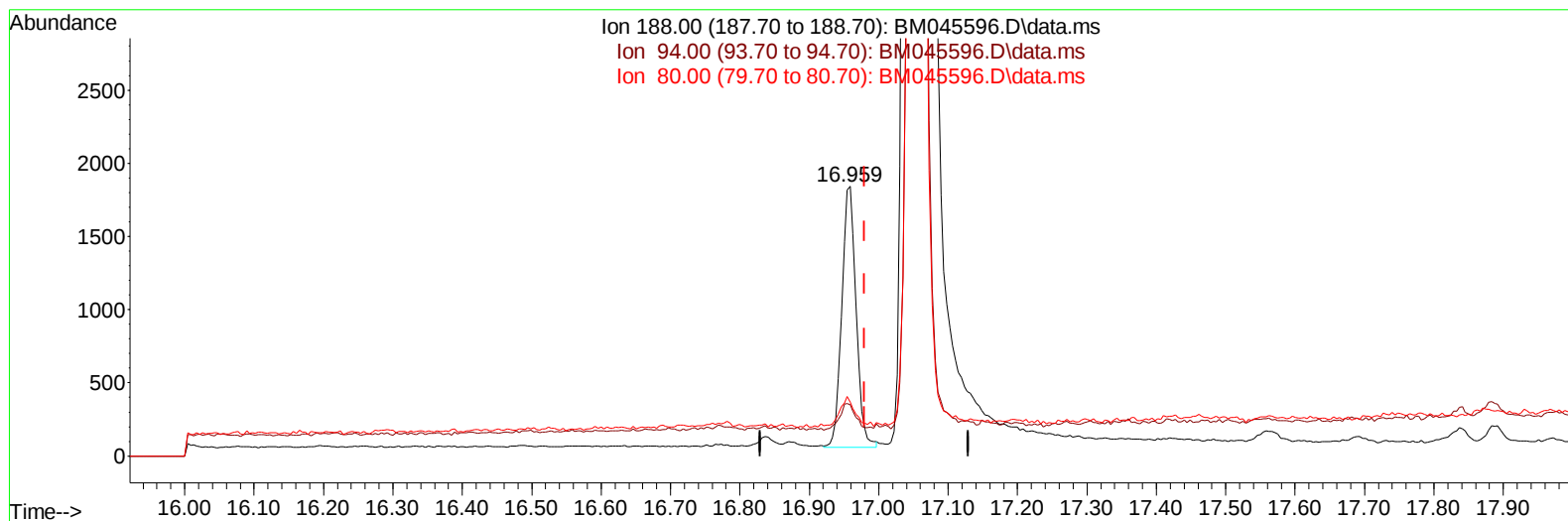
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(13) Phenanthrene-d10 (I)

16.959min (-0.021) 0.40 ng/ul m

response 2569

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	19.01#
80.00	14.80	19.93#
0.00	0.00	0.00

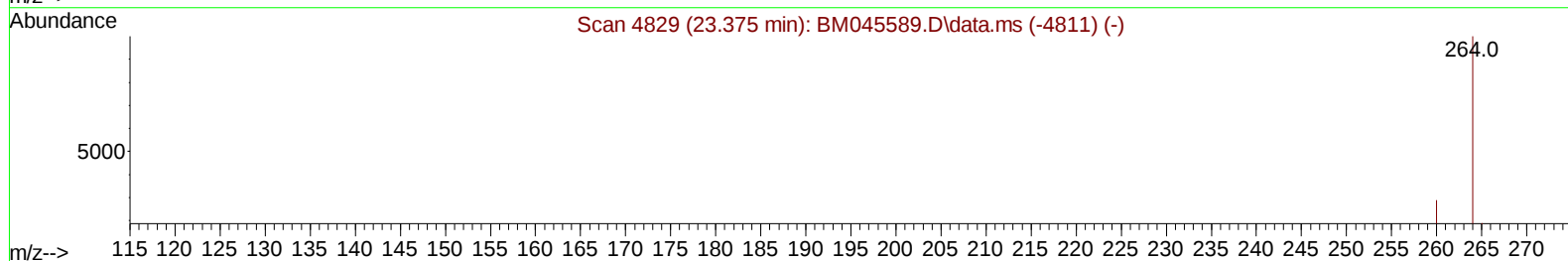
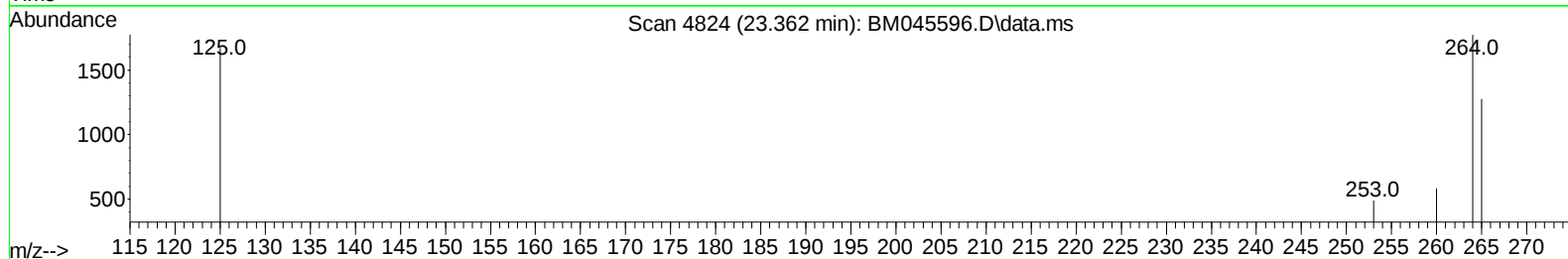
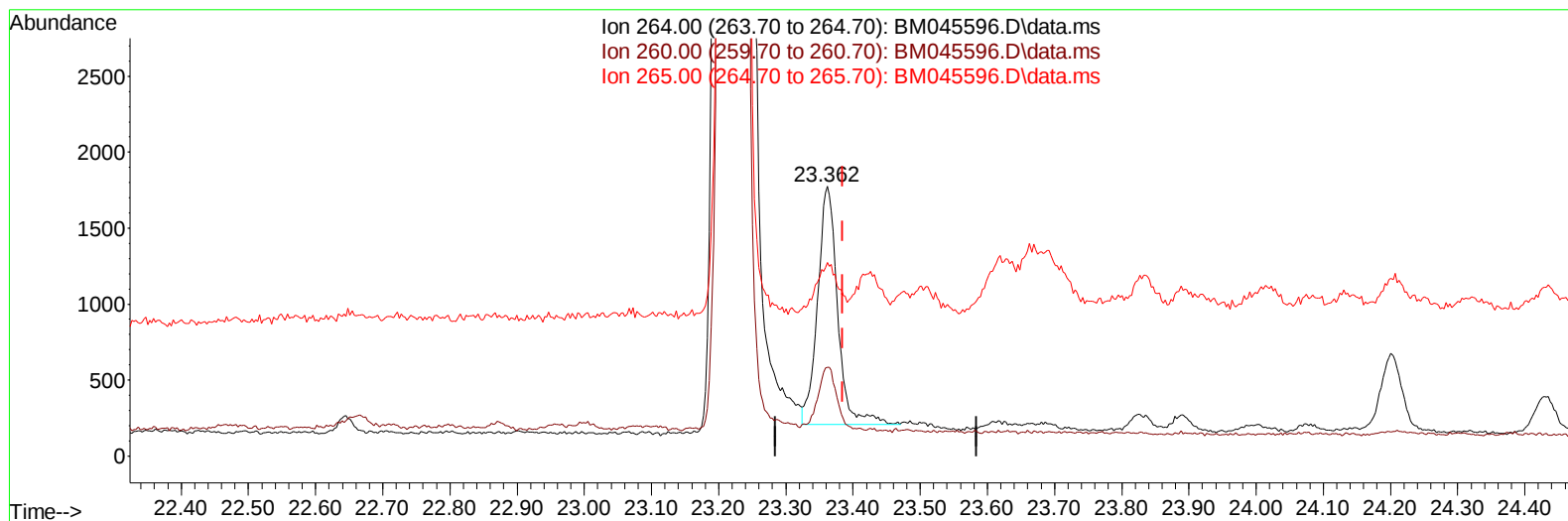
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(23) Perylene-d12 (I)

23.362min (-0.023) 0.40 ng/u1

response 3251

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	32.86
265.00	86.70	71.93
0.00	0.00	0.00

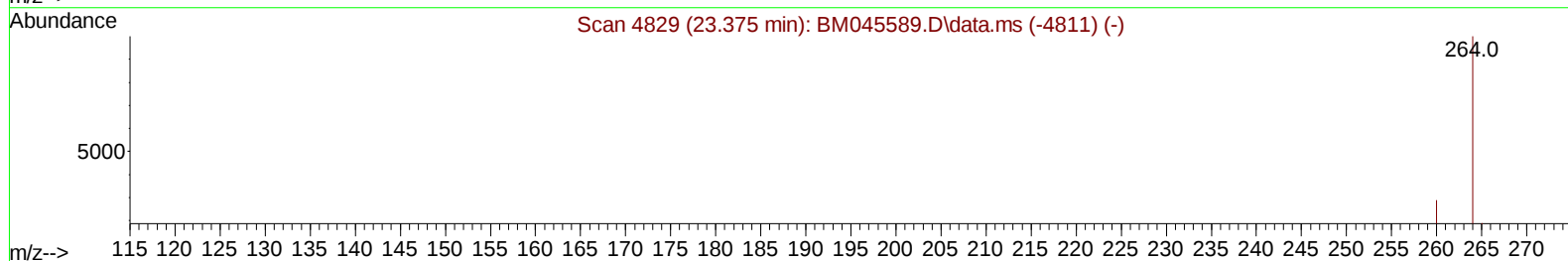
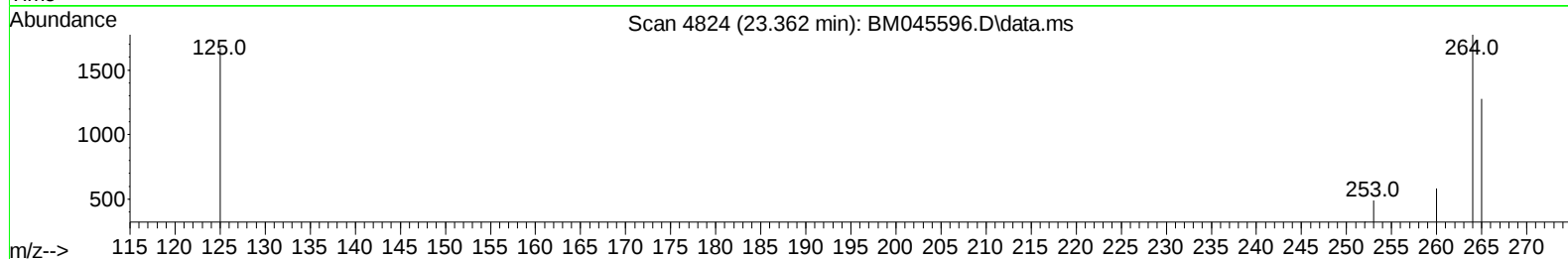
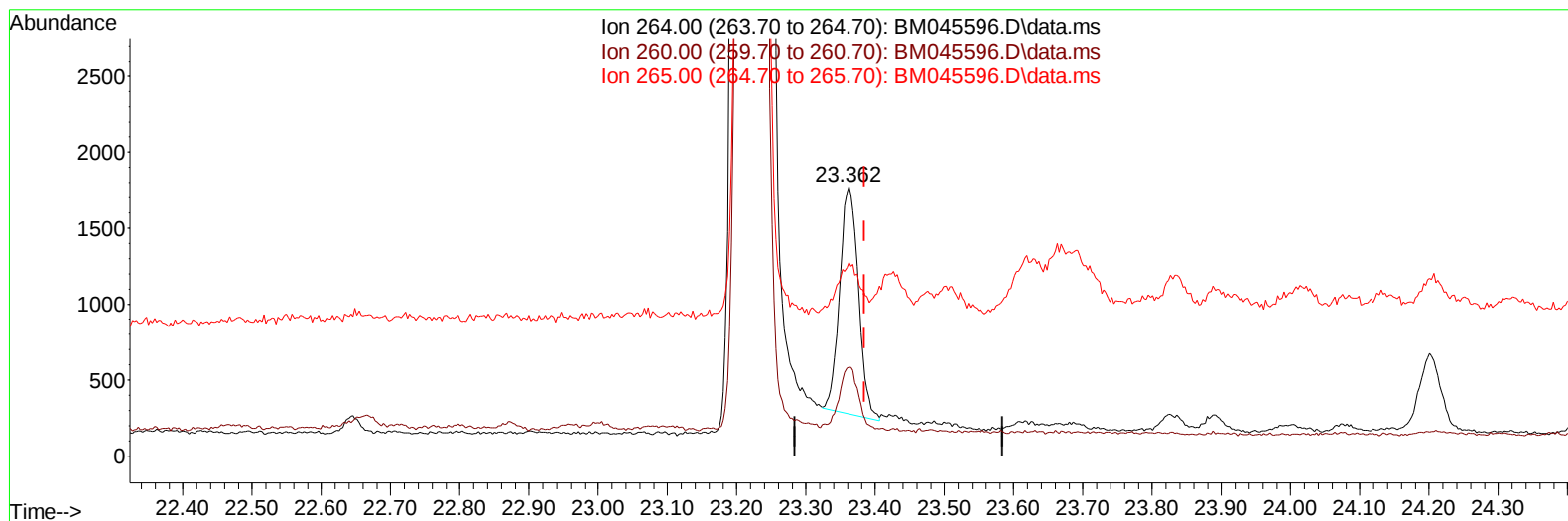
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Instrument :
BNA_M
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TIC: BM045596.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.023) 0.40 ng/ul m

response 2789

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	32.86
265.00	86.70	71.93
0.00	0.00	0.00

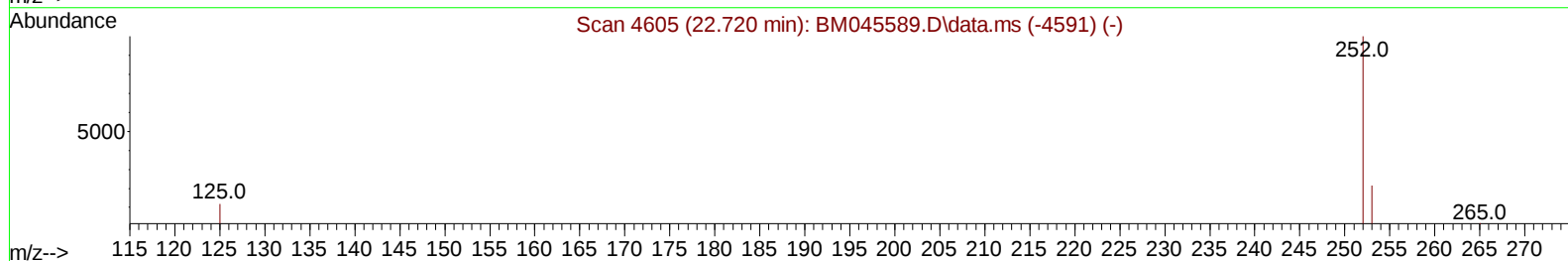
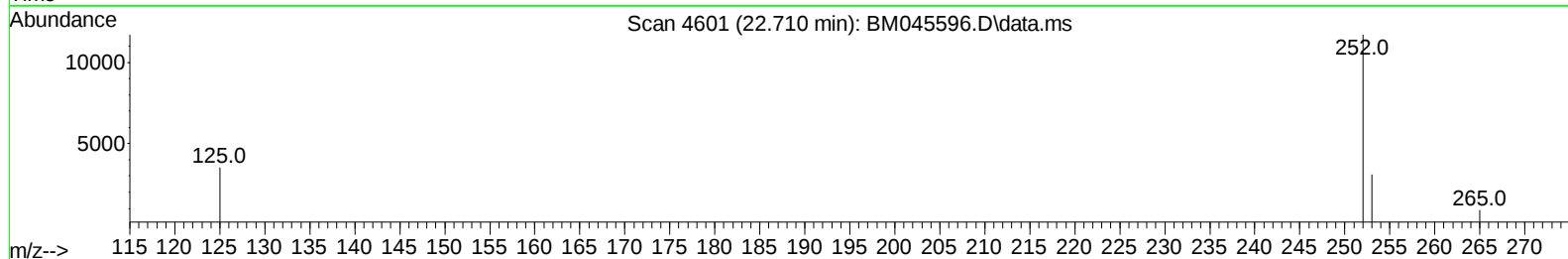
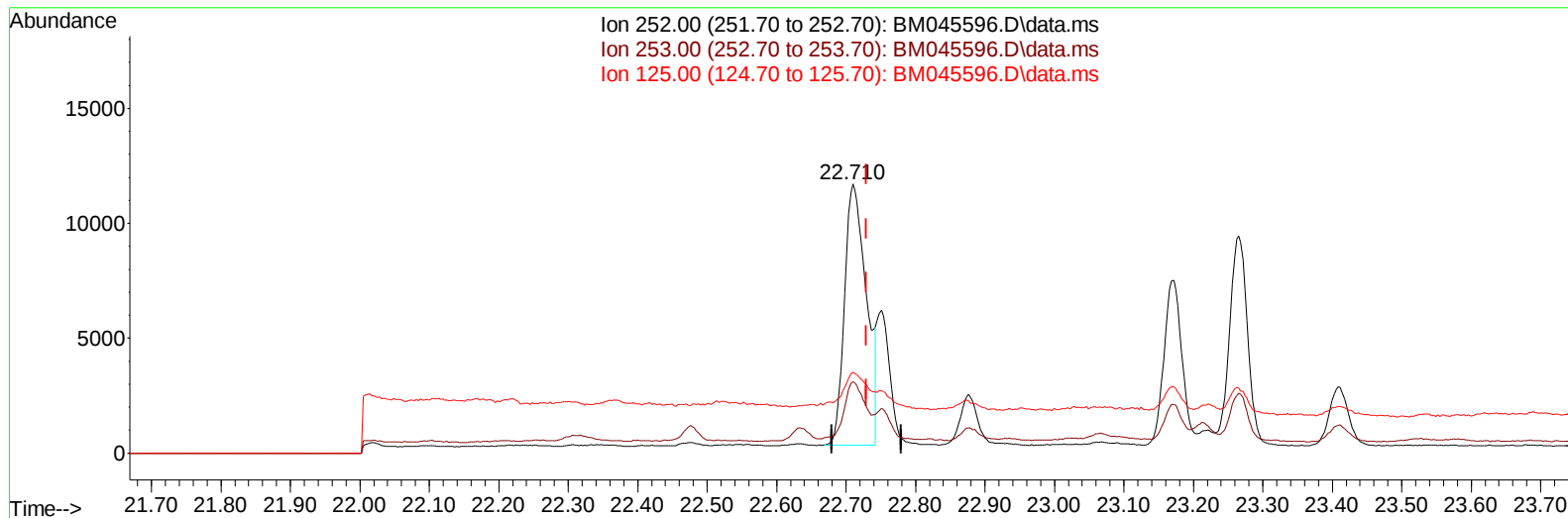
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Instrument :
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TIC: BM045596.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.020) 2.66 ng/u1

response 24930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.56
125.00	18.40	29.96
0.00	0.00	0.00

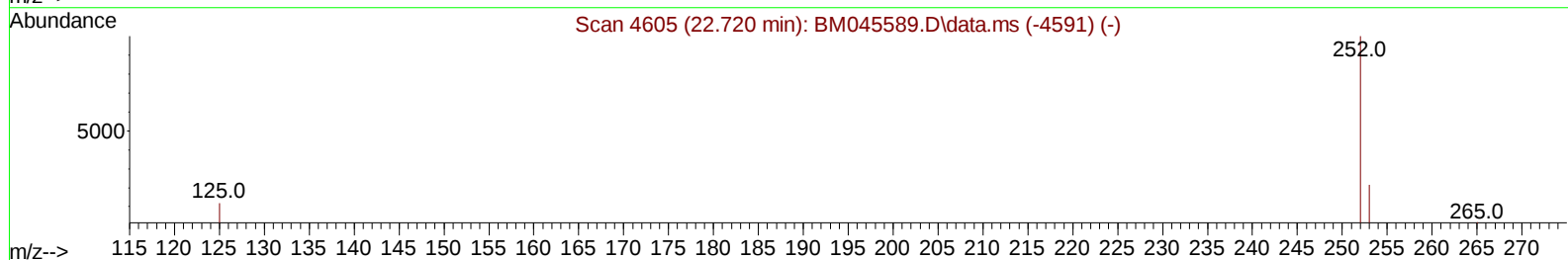
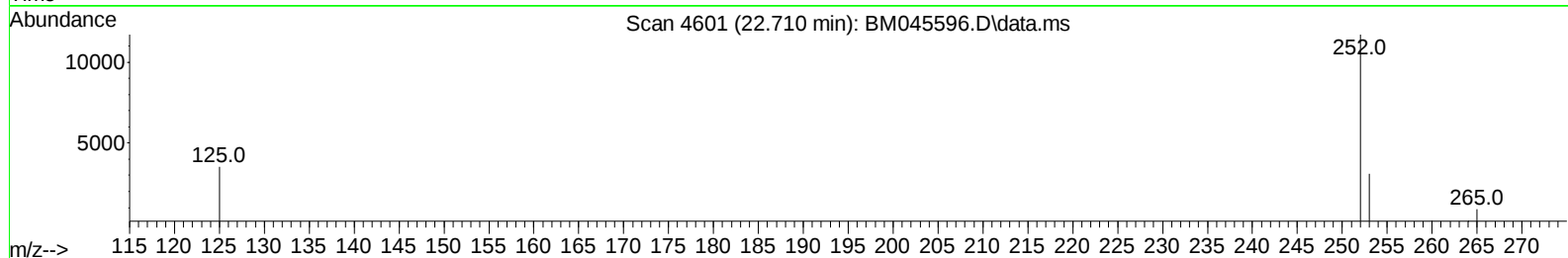
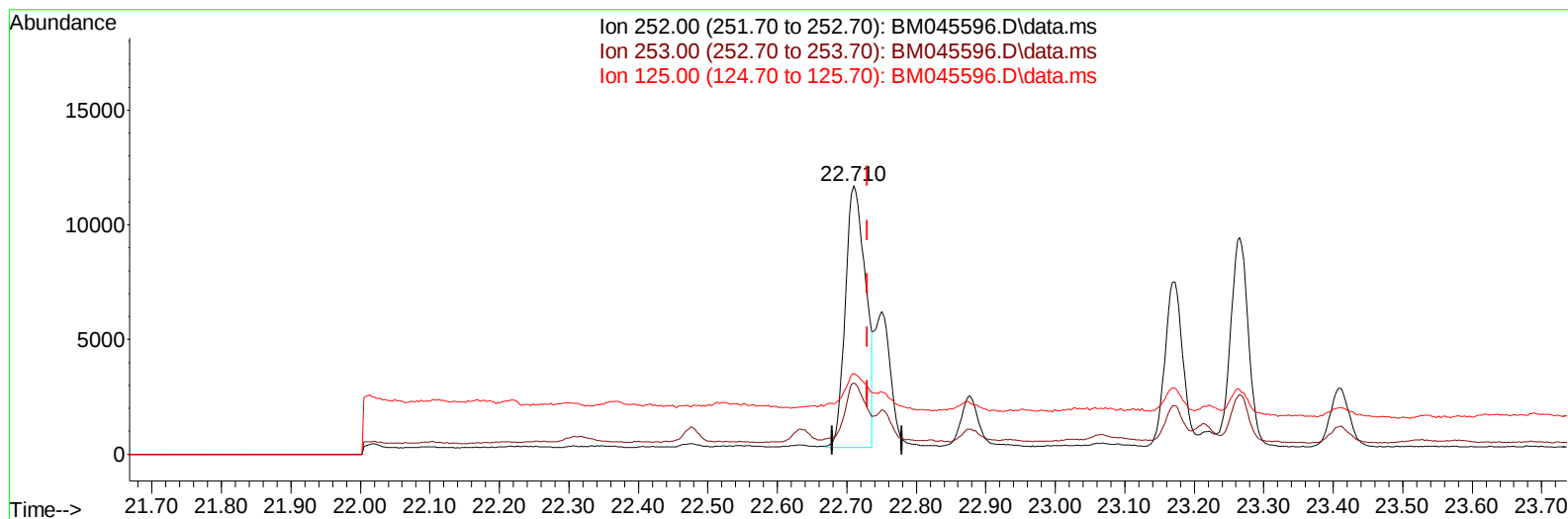
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045596.D
Acq On : 26 Apr 2024 20:16
Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX0

Manual IntegrationsAPPROVED

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TIC: BM045596.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.020) 2.48 ng/u1 m

response 23283

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.56
125.00	18.40	29.96
0.00	0.00	0.00

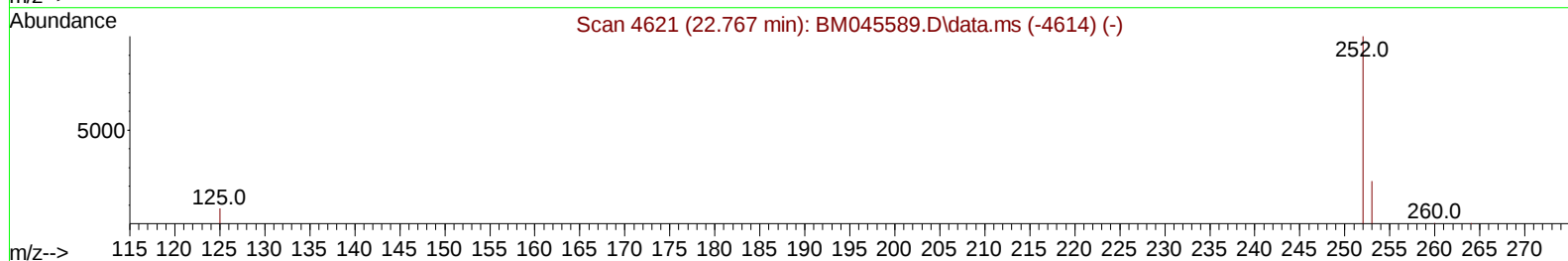
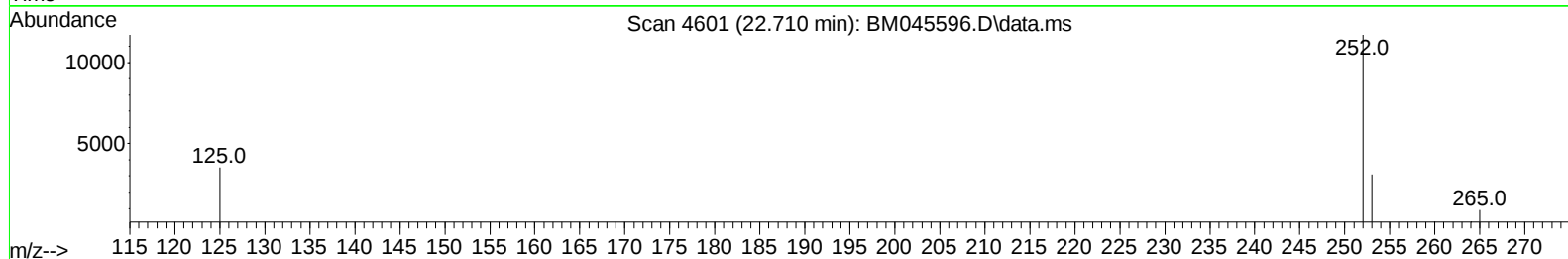
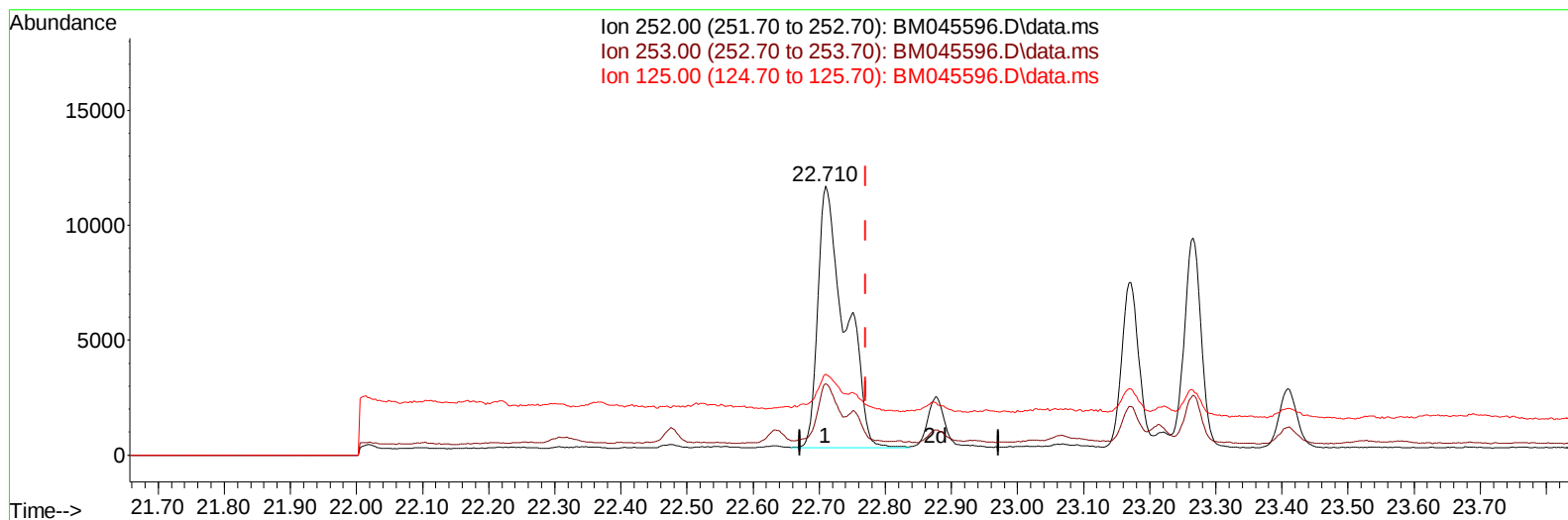
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Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX0

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TIC: BM045596.D\data.ms

(25) Benzo(k)fluoranthene

22.710min (-0.061) 2.76 ng/u1

response 32759

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.56
125.00	18.50	29.96#
0.00	0.00	0.00

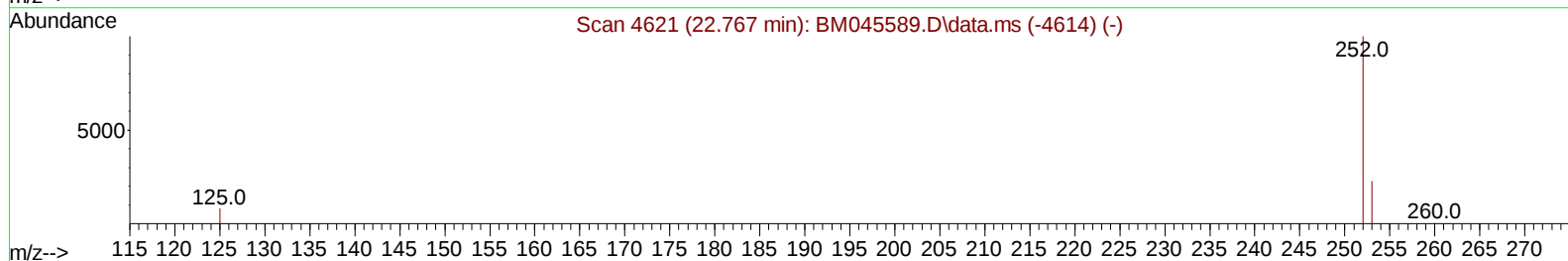
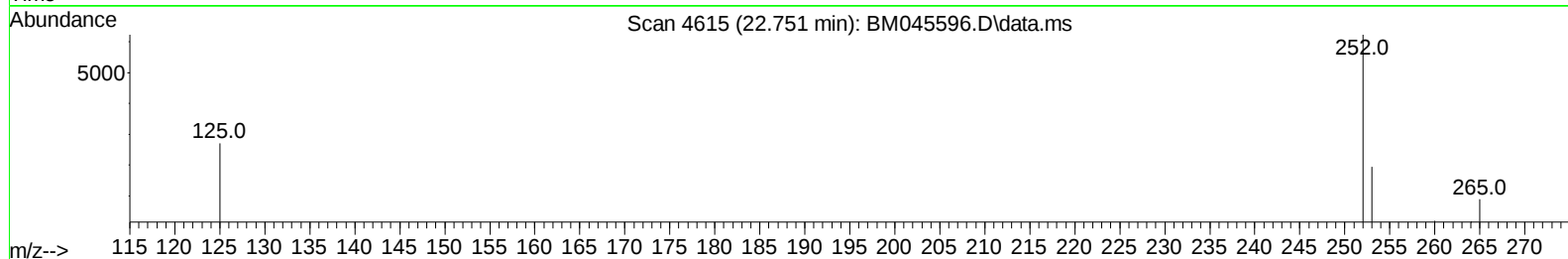
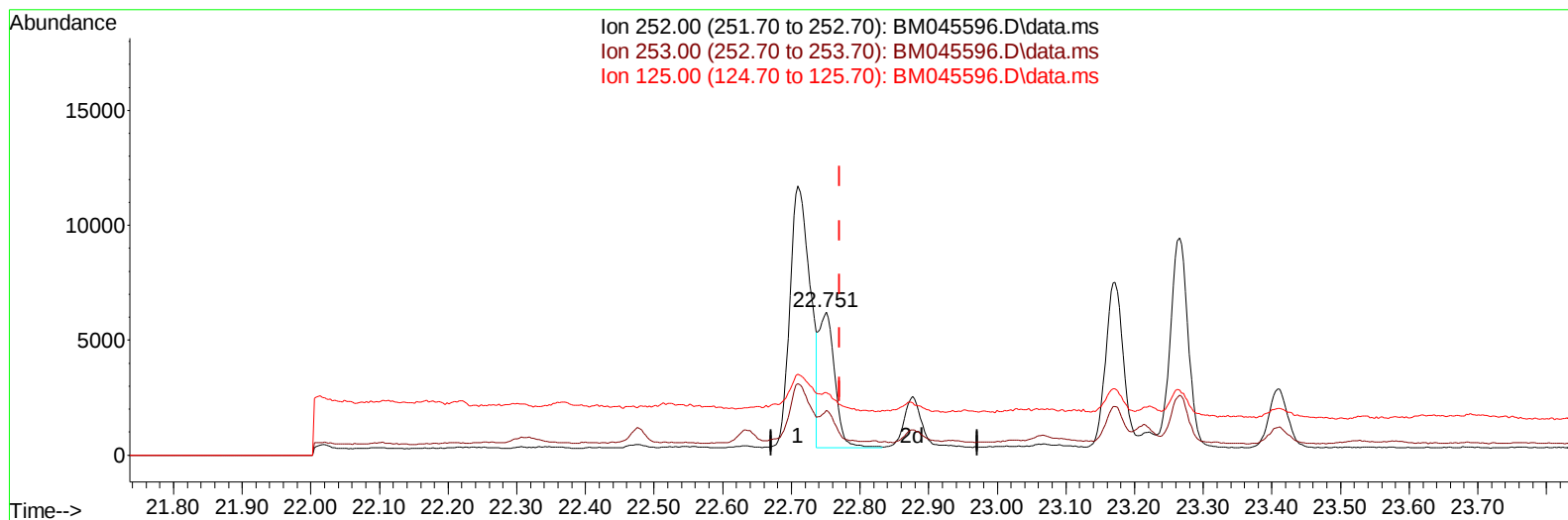
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Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX0

Manual IntegrationsAPPROVED

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TIC: BM045596.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.020) 0.81 ng/u1 m

response 9604

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	31.18
125.00	18.50	43.45#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2203-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX0

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152		963	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136		2665	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.196	164		1373	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188		2569m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240		2220	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264		2789m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.159	96		5951	4.610	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152		1228	0.349	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212		1796	0.257	ng/ul	-0.02
Target Compounds							
						Qvalue	
5) Naphthalene	10.353	128		64034	8.947	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142		6502	1.591	ng/ul	99
8) 1-Methylnaphthalene	12.206	142		4583	1.000	ng/ul	98
10) Acenaphthylene	13.909	152		16600	2.452	ng/ul#	94
11) Acenaphthene	14.256	153		1022	0.203	ng/ul	99
12) Fluorene	15.255	166		3421	0.636	ng/ul	98
15) Phenanthrene	16.997	178		97150	12.985	ng/ul	93
16) Anthracene	17.090	178		8824	1.261	ng/ul	95
19) Fluoranthene	19.029	202		50598	4.939	ng/ul#	90
20) Pyrene	19.396	202		40137	3.812	ng/ul#	91
21) Benzo(a)anthracene	21.161	228		15477	2.181	ng/ul	97
22) Chrysene	21.211	228		16096	1.475	ng/ul	97
24) Benzo(b)fluoranthene	22.710	252		23283m	2.482	ng/ul	
25) Benzo(k)fluoranthene	22.751	252		9604m	0.810	ng/ul	
26) Benzo(a)pyrene	23.265	252		16415	1.687	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.541	276		14519	1.027	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.551	278		3511	0.313	ng/ul#	66
29) Benzo(g,h,i)perylene	26.212	276		15305	1.204	ng/ul	97

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

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