

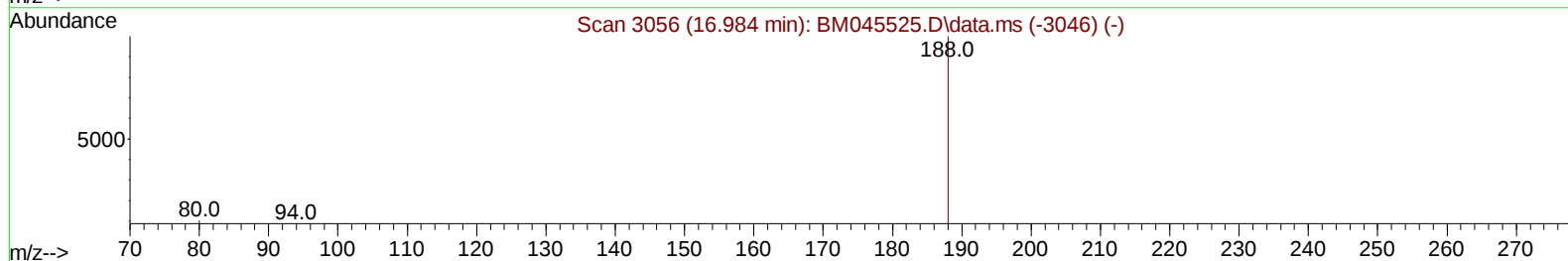
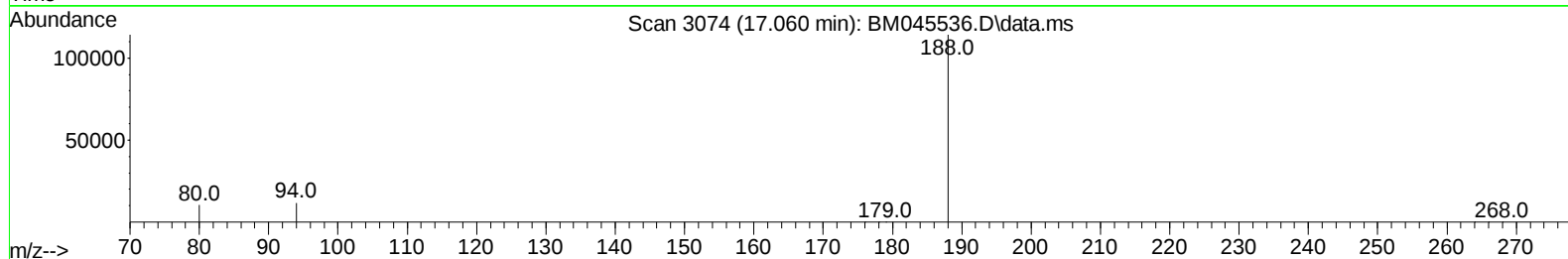
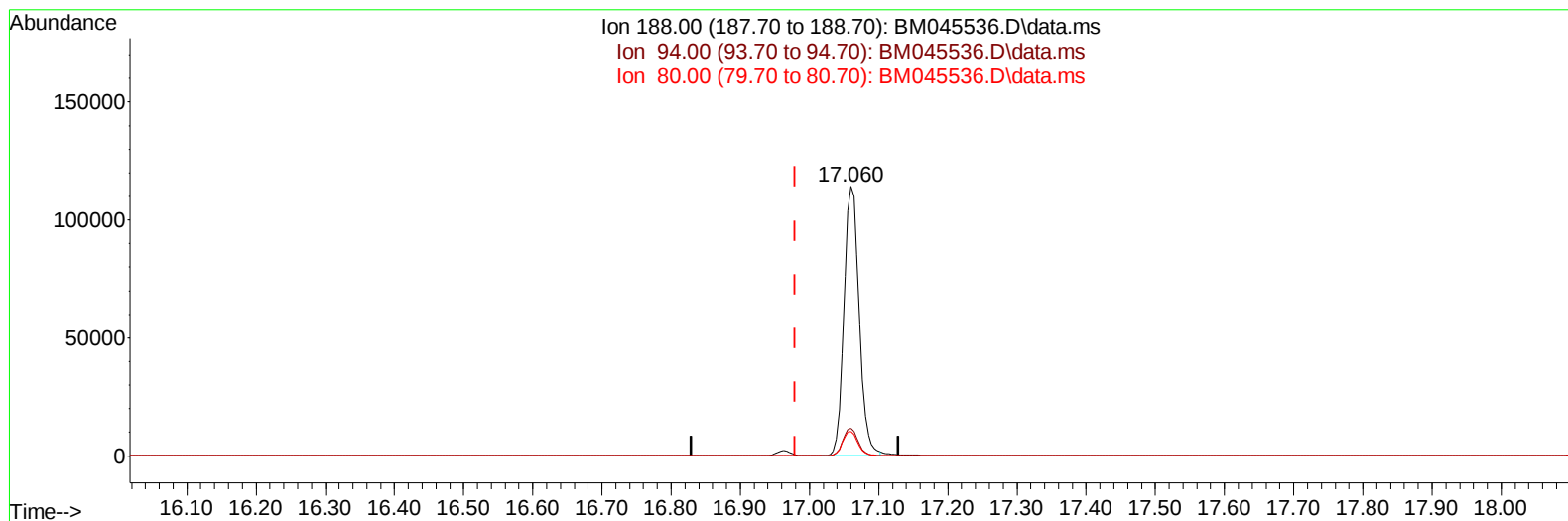
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045536.D
Acq On : 24 Apr 2024 20:42
Operator : MA/JU
Sample : P2164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S90

Manual IntegrationsAPPROVED

Quant Time: Apr 24 23:50:16 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 : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045536.D\data.ms

(13) Phenanthrene-d10 (I)

17.060min (+ 0.080) 0.40 ng/u1

response 173947

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.23#
80.00	14.80	9.10#
0.00	0.00	0.00

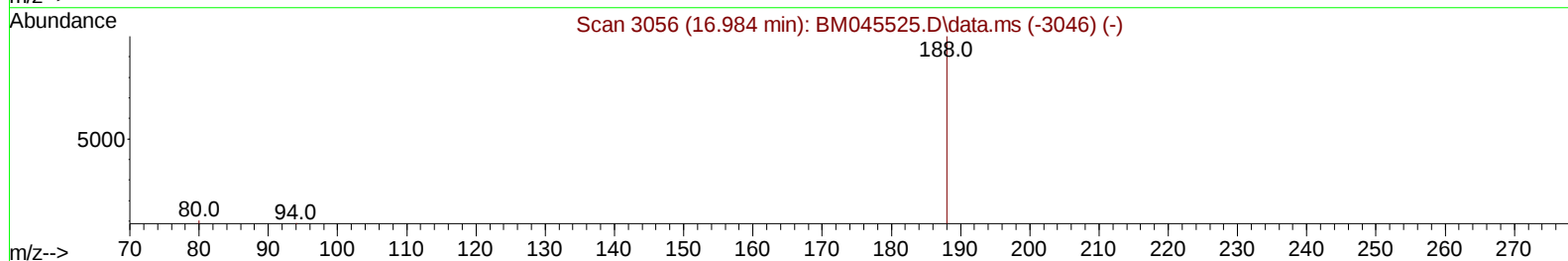
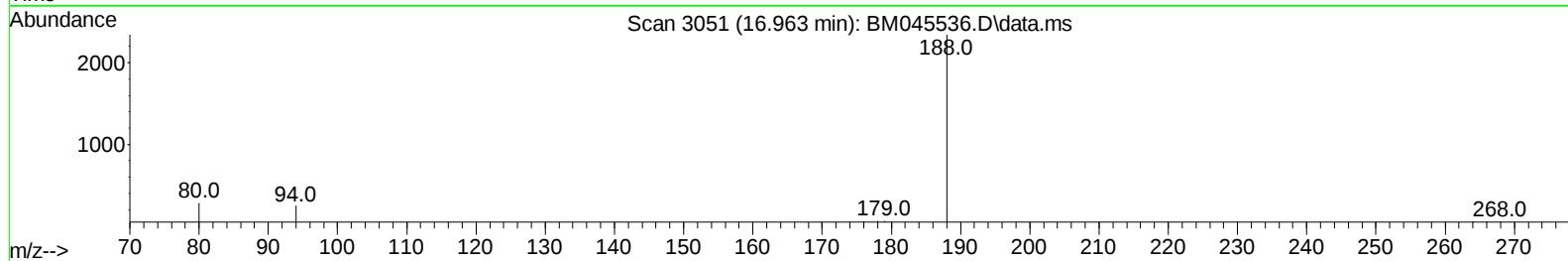
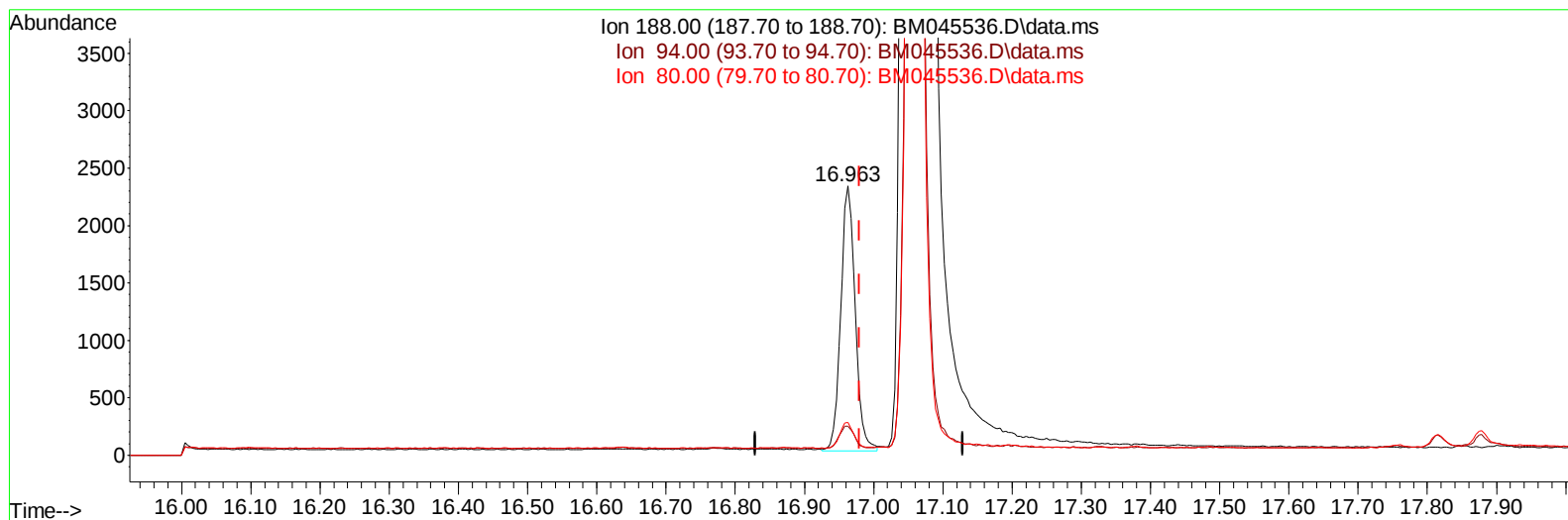
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TIC: BM045536.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.017) 0.40 ng/u1 m

response 3337

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.67#
80.00	14.80	12.08
0.00	0.00	0.00

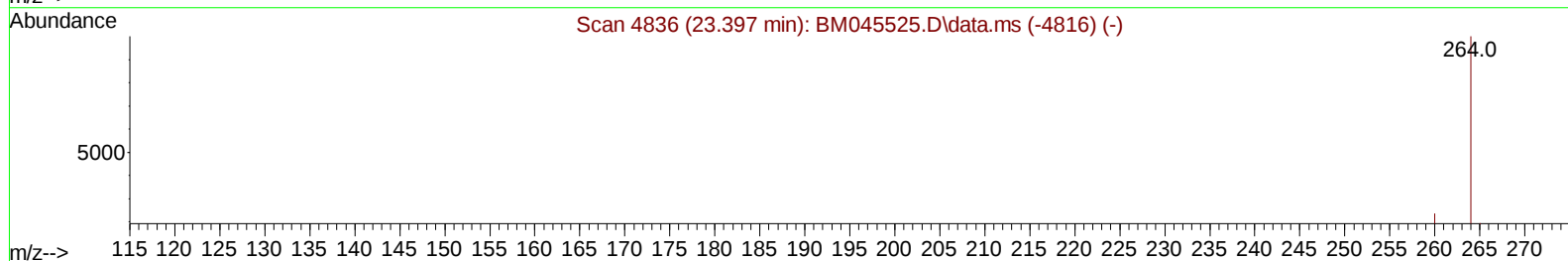
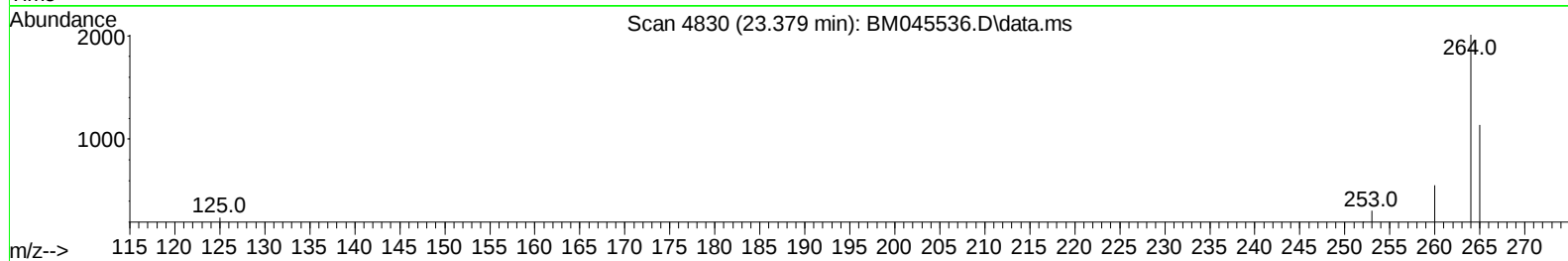
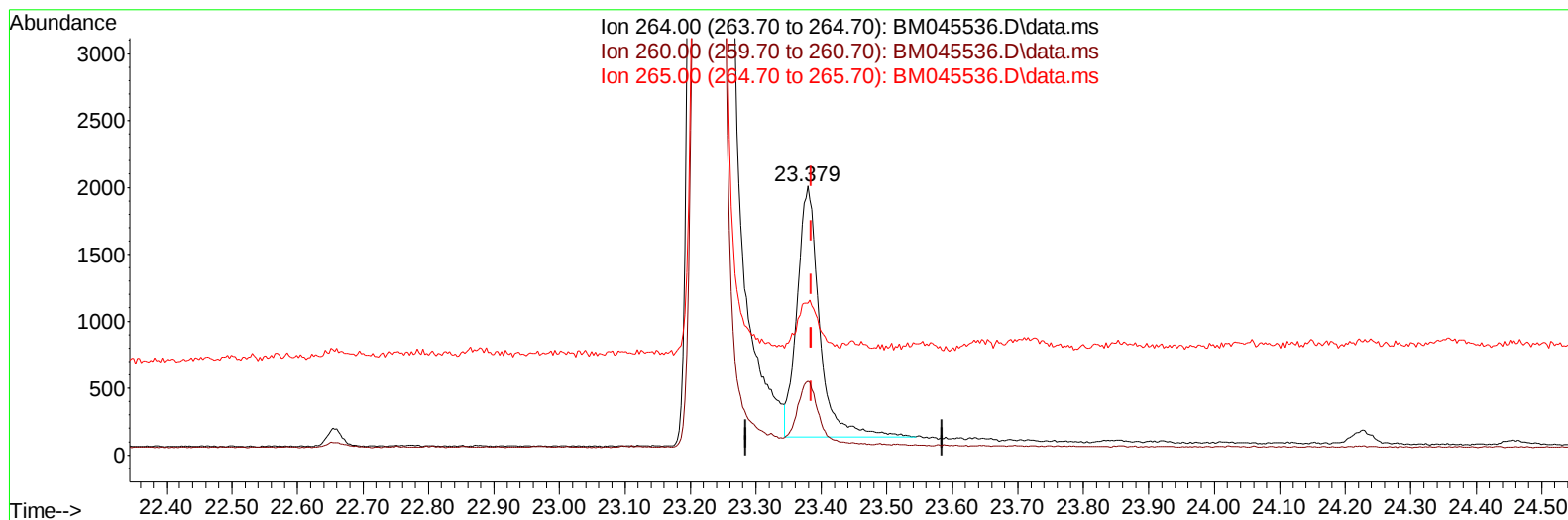
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(23) Perylene-d12 (I)

23.379min (-0.006) 0.40 ng/u1

response 4428

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	27.56
265.00	86.70	56.47#
0.00	0.00	0.00

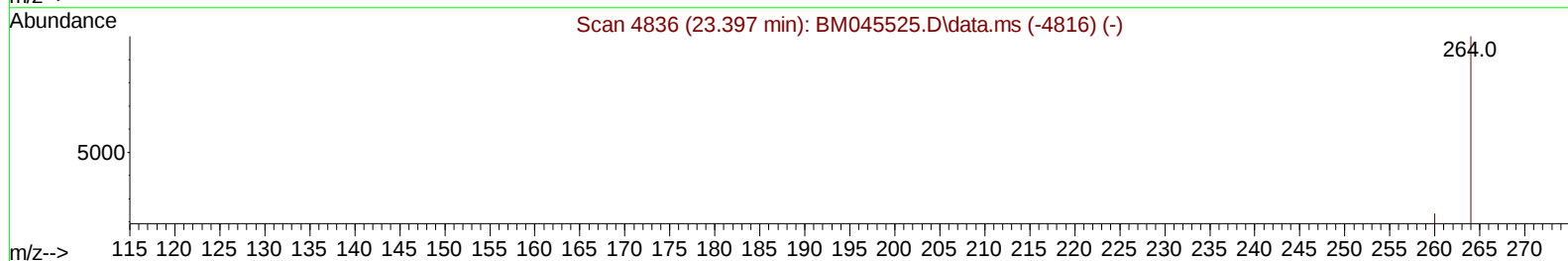
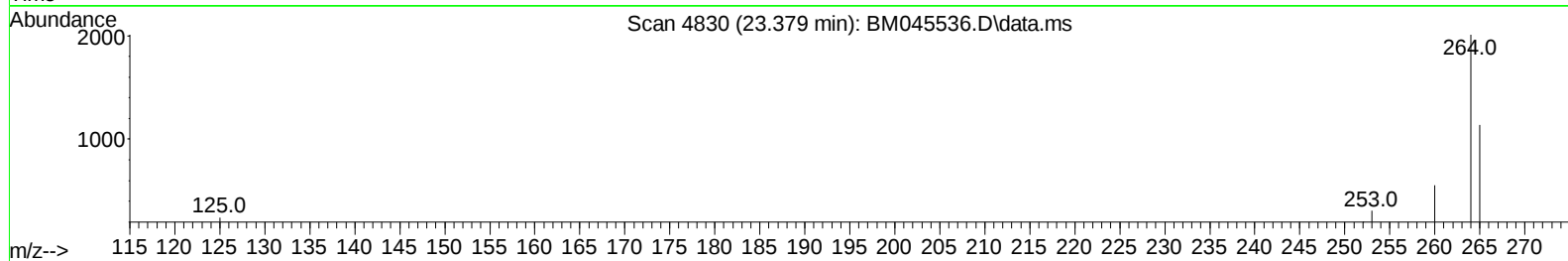
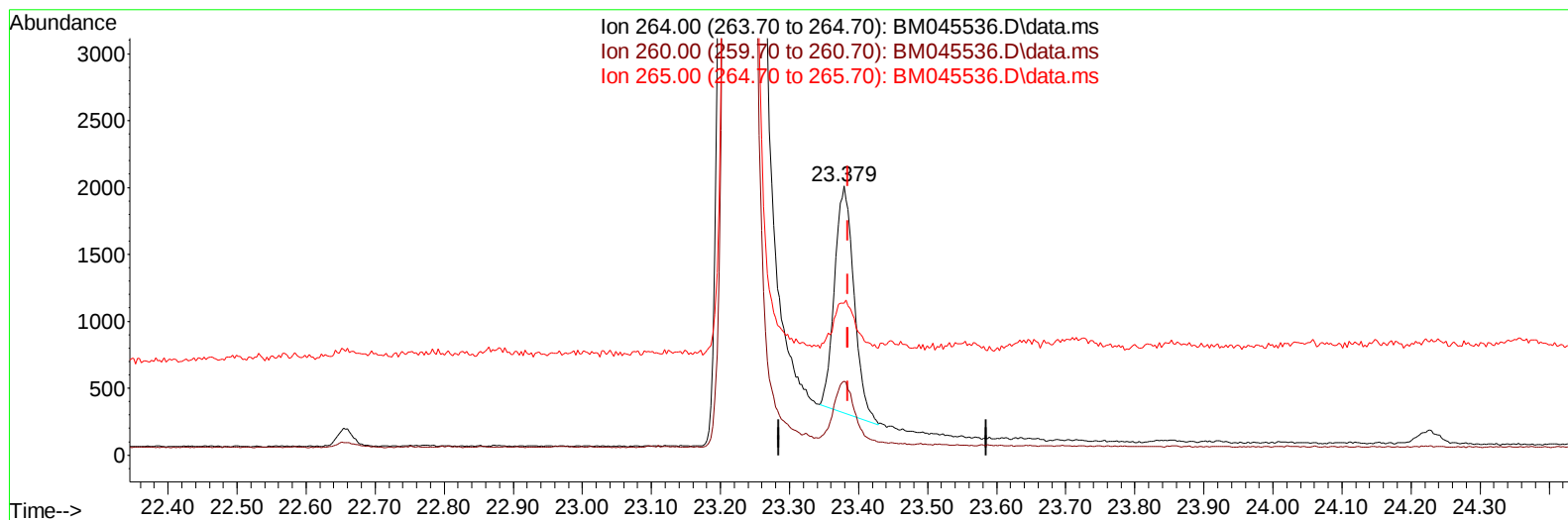
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Data File : BM045536.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045536.D\data.ms

(23) Perylene-d12 (I)

23.379min (-0.006) 0.40 ng/ul m

response 3321

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	27.56
265.00	86.70	56.47#
0.00	0.00	0.00

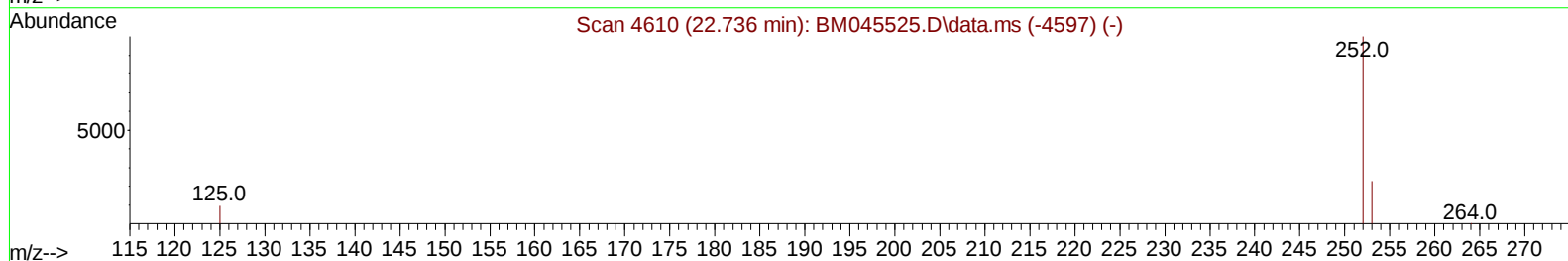
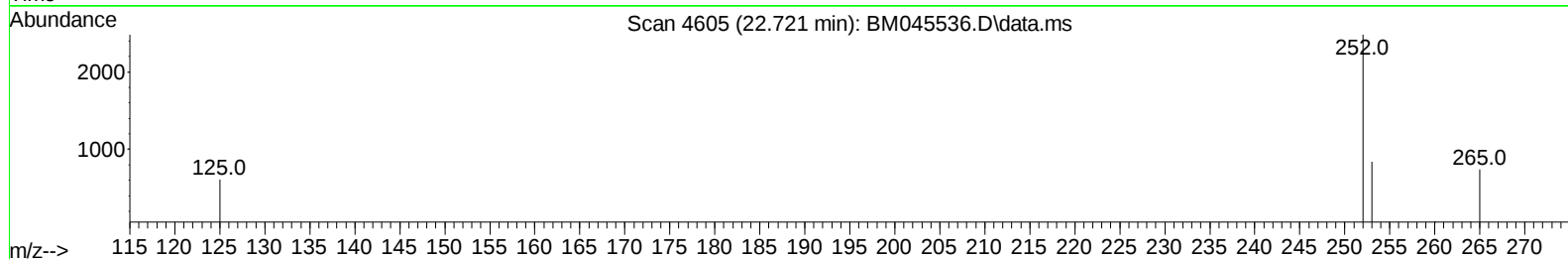
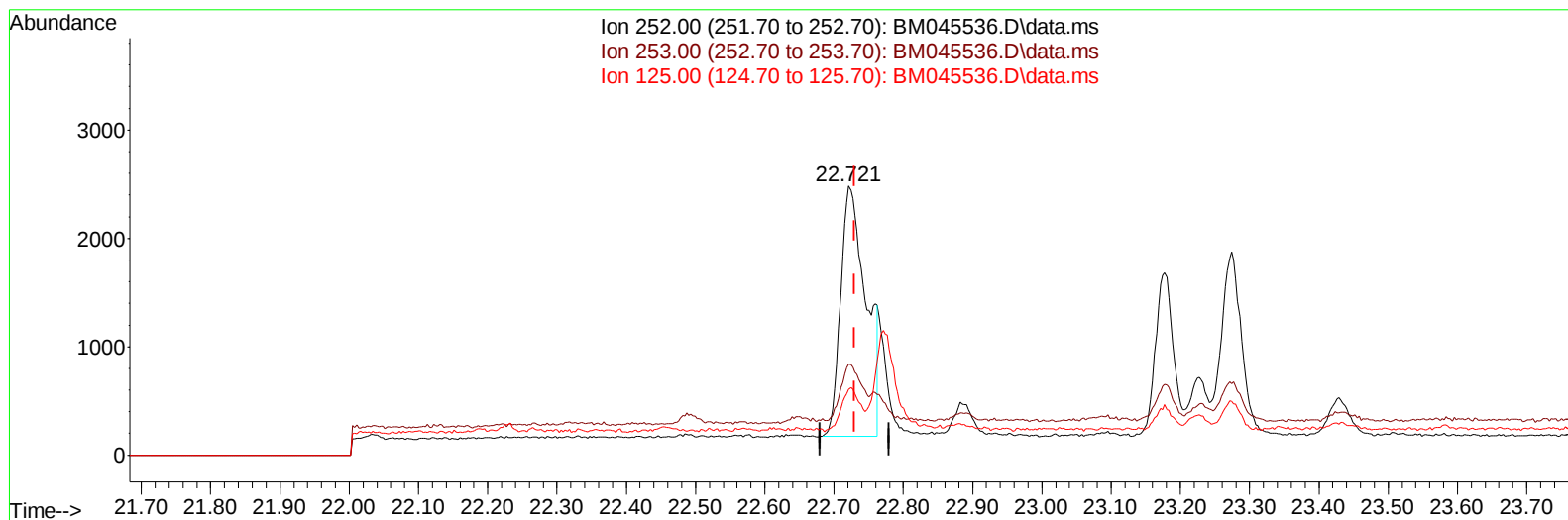
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Data File : BM045536.D
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Operator : MA/JU
Sample : P2164-08
Misc :
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TIC: BM045536.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.009) 0.52 ng/u1

response 5860

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.88
125.00	18.40	24.46
0.00	0.00	0.00

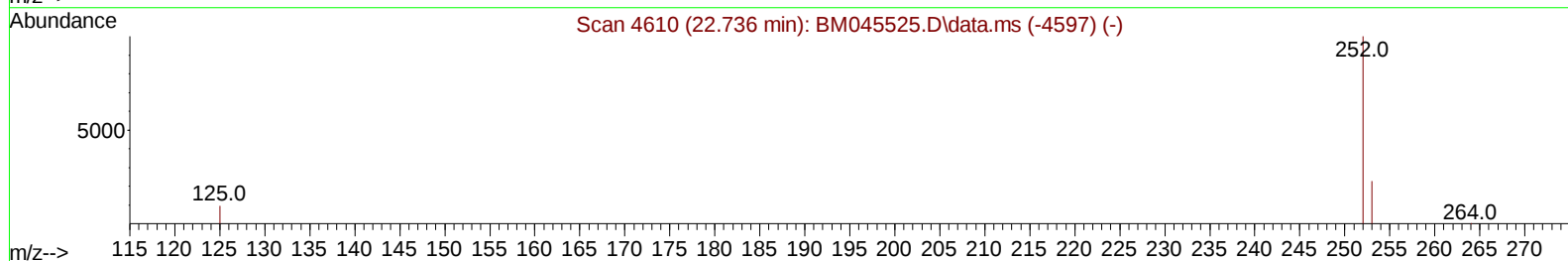
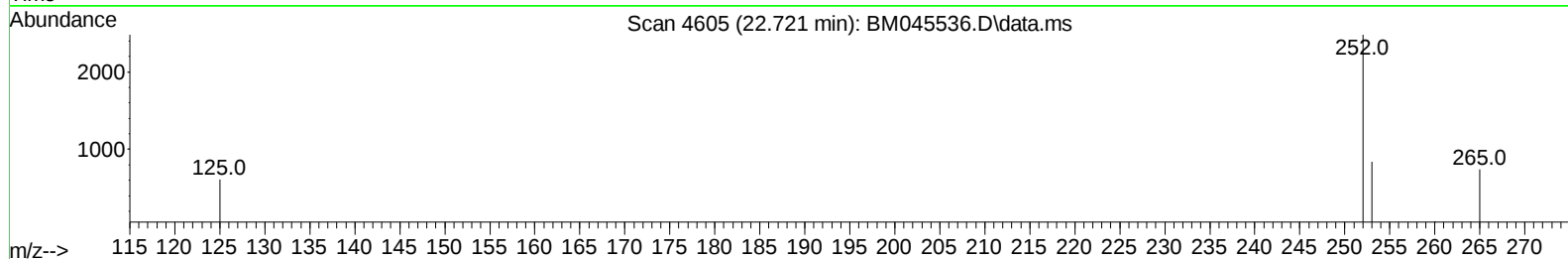
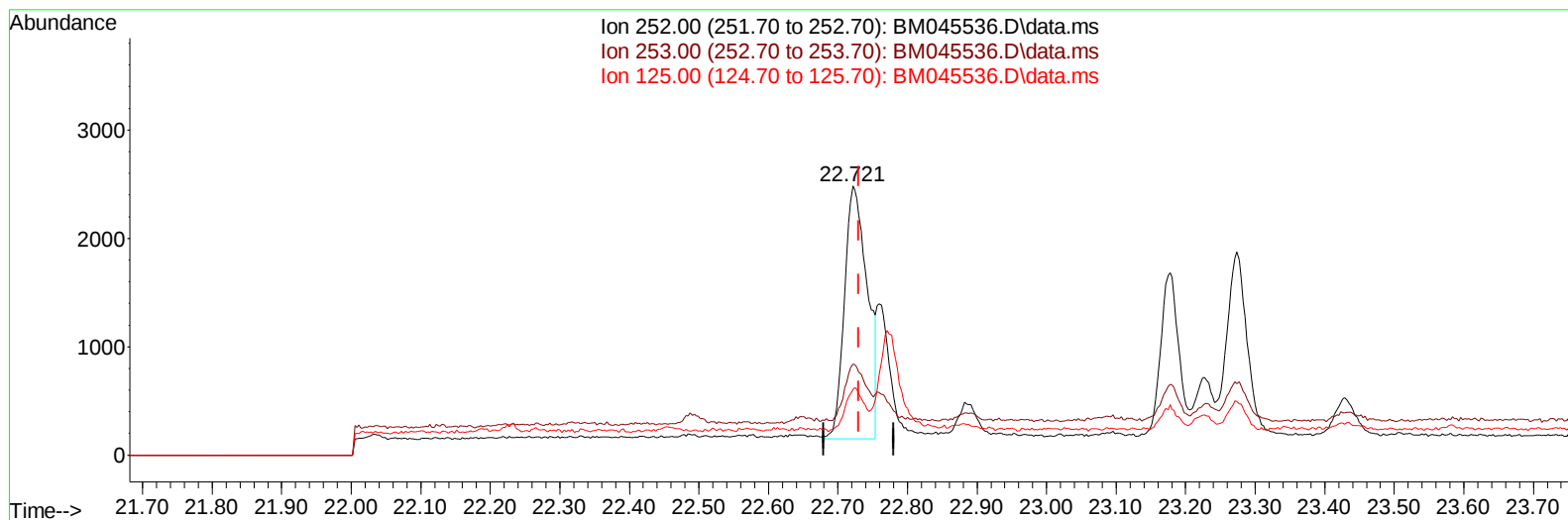
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045536.D
Acq On : 24 Apr 2024 20:42
Operator : MA/JU
Sample : P2164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S90

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TIC: BM045536.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.009) 0.48 ng/u1 m

response 5312

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.88
125.00	18.40	24.46
0.00	0.00	0.00

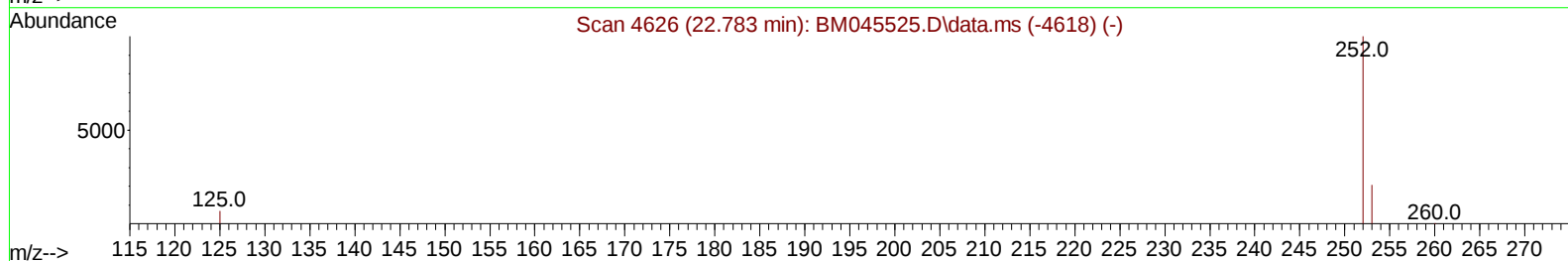
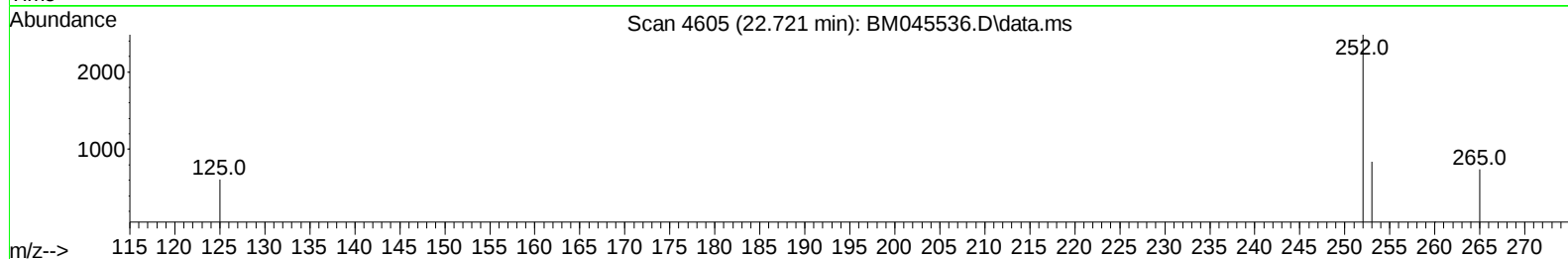
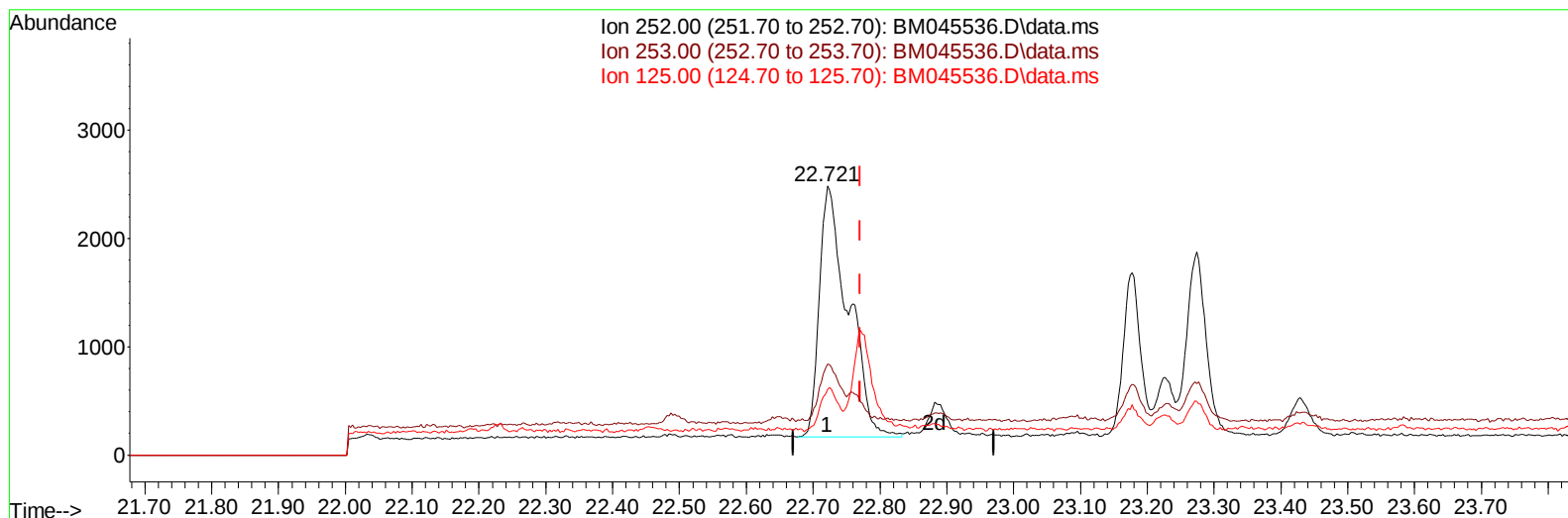
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Operator : MA/JU
Sample : P2164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045536.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.050) 0.49 ng/u1

response 6910

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.88
125.00	18.50	24.46#
0.00	0.00	0.00

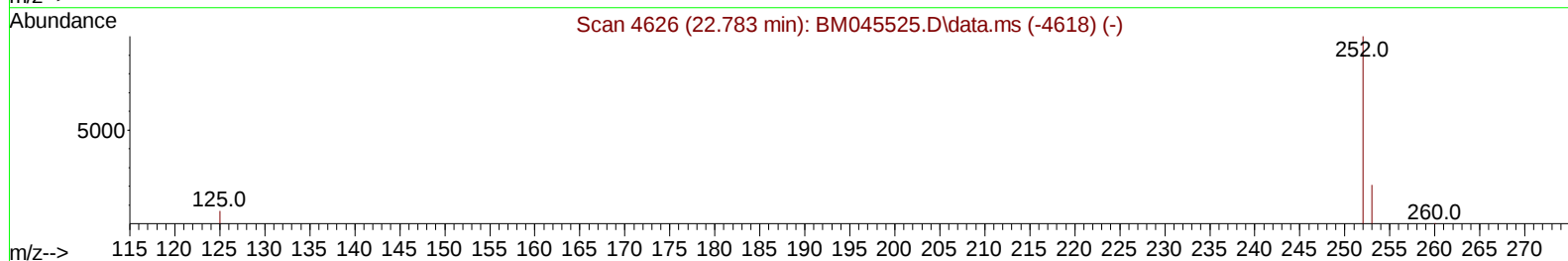
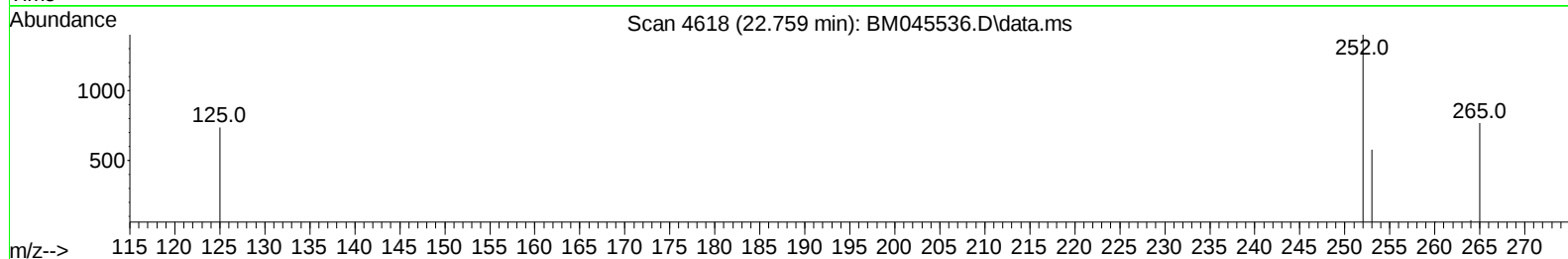
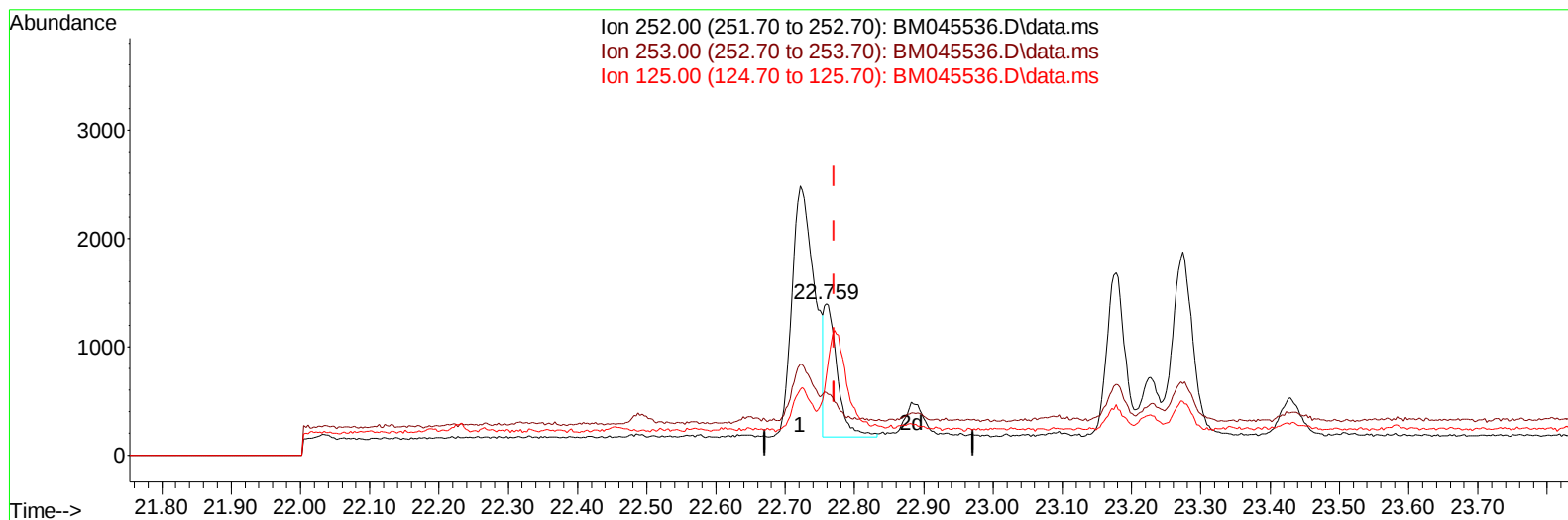
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Operator : MA/JU
Sample : P2164-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S90

Manual IntegrationsAPPROVED

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TIC: BM045536.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.012) 0.12 ng/u1 m

response 1662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	41.34#
125.00	18.50	52.72#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2164-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COS90

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152		924	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136		2714	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164		1555	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188		3337m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240		2921	0.400	ng/ul	# 0.00
23) Perylene-d12	23.379	264		3321m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		4692	3.788	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152		998	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.006	212		2211	0.240	ng/ul	-0.01
Target Compounds							
						Qvalue	
5) Naphthalene	10.363	128		185	0.025	ng/ul#	47
7) 2-Methylnaphthalene	12.008	142		125	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.222	142		117	0.025	ng/ul	92
10) Acenaphthylene	13.918	152		407	0.053	ng/ul#	64
12) Fluorene	15.260	166		149	0.024	ng/ul#	89
15) Phenanthrene	17.001	178		3521	0.362	ng/ul	97
16) Anthracene	17.094	178		674	0.074	ng/ul#	87
19) Fluoranthene	19.038	202		7562	0.561	ng/ul#	93
20) Pyrene	19.401	202		7970	0.575	ng/ul#	94
21) Benzo(a)anthracene	21.176	228		2944	0.315	ng/ul	99
22) Chrysene	21.225	228		3580	0.249	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252		5312m	0.476	ng/ul	
25) Benzo(k)fluoranthene	22.759	252		1662m	0.118	ng/ul	
26) Benzo(a)pyrene	23.274	252		3394	0.293	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.575	276		2901	0.172	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.592	278		635	0.048	ng/ul#	39
29) Benzo(g,h,i)perylene	26.242	276		2935	0.194	ng/ul	96

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

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