

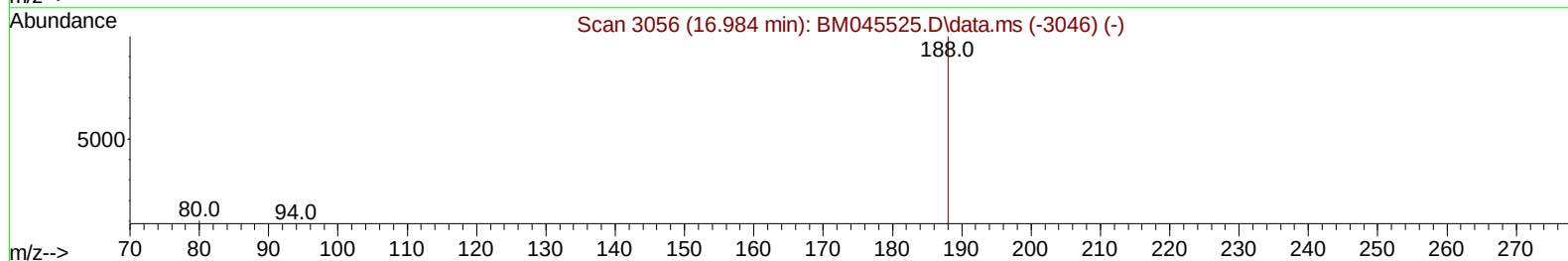
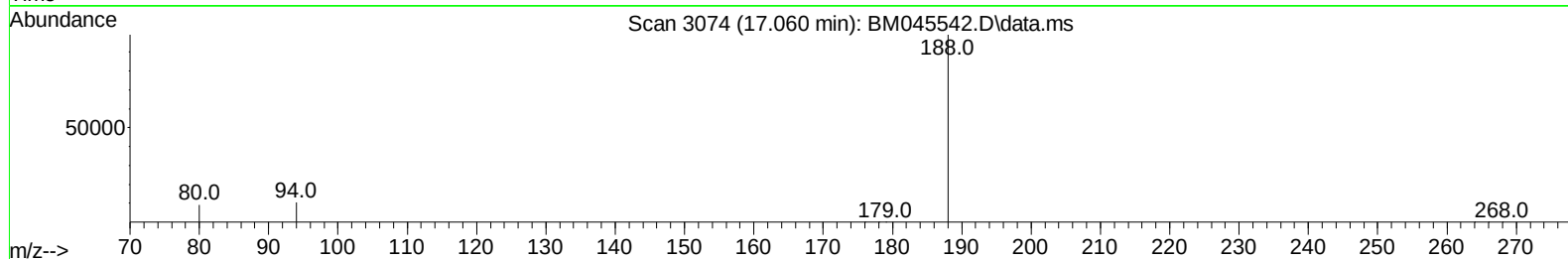
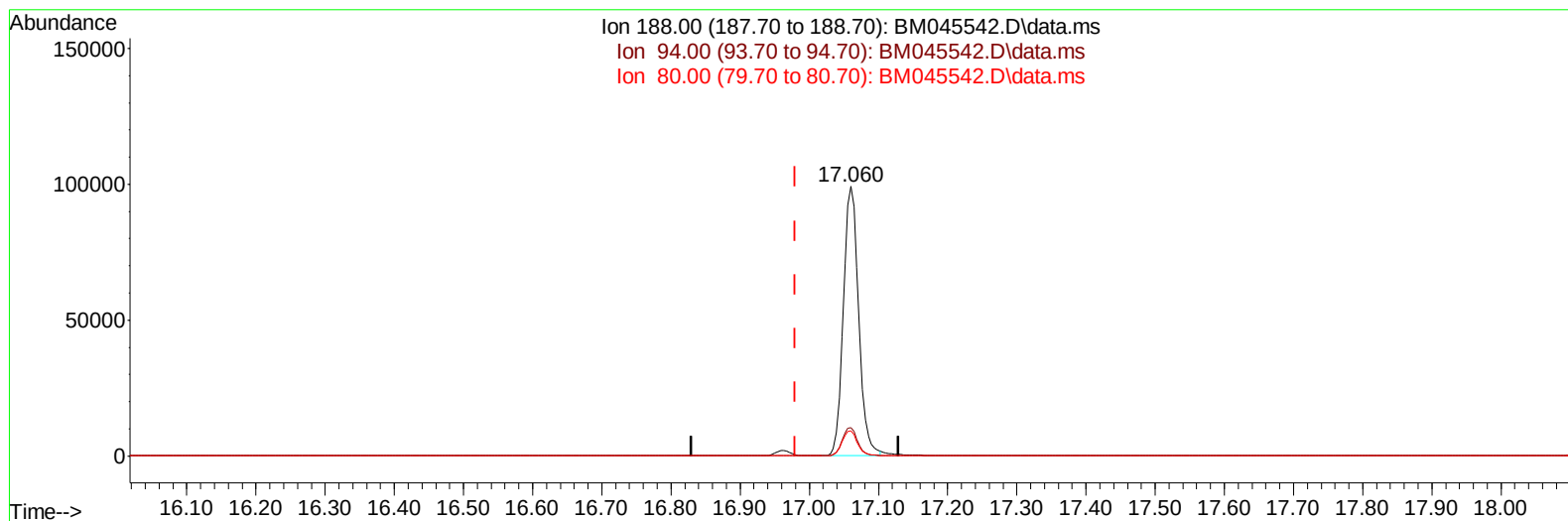
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
Acq On : 25 Apr 2024 00:25
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

Quant Time: Apr 25 00:58:35 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: BM045542.D\data.ms

(13) Phenanthrene-d10 (I)

17.060min (+ 0.080) 0.40 ng/u1

response 151926

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.44#
80.00	14.80	9.26#
0.00	0.00	0.00

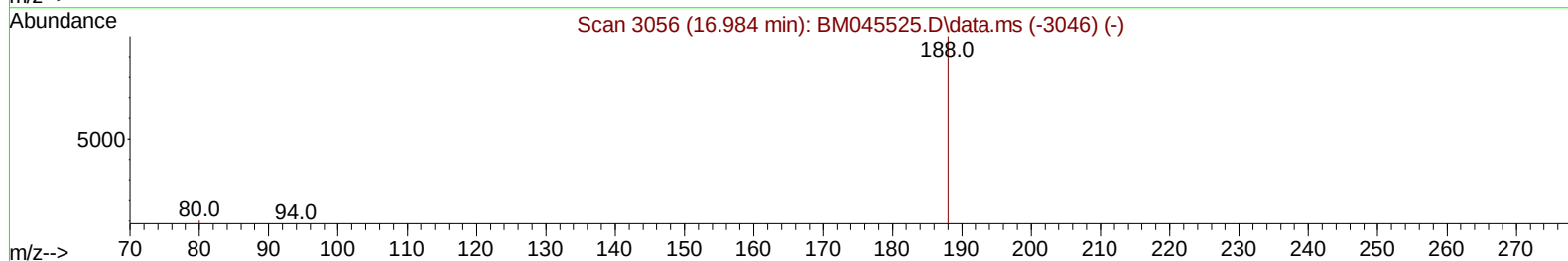
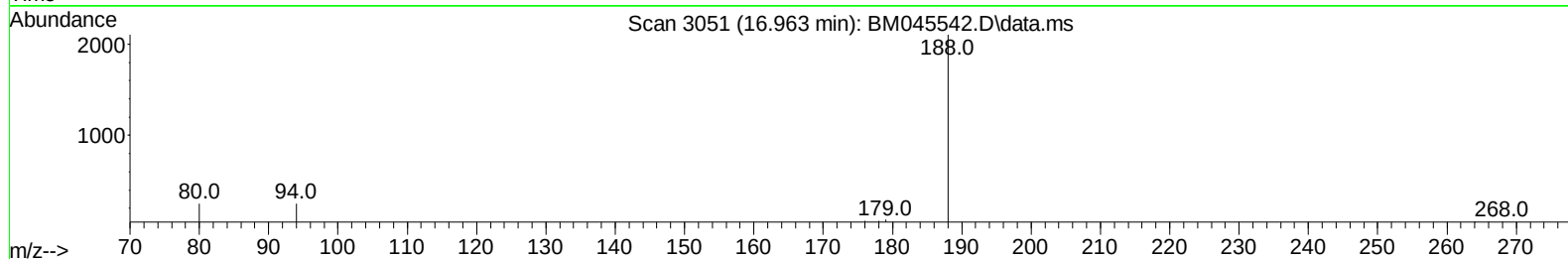
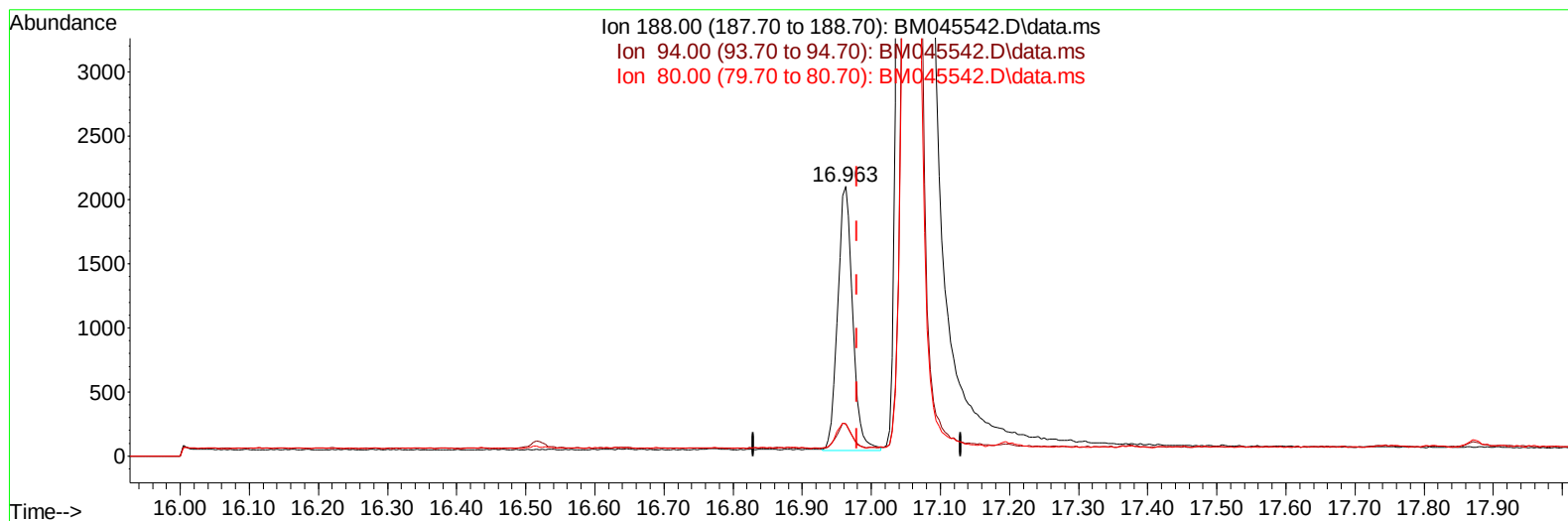
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045542.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.017) 0.40 ng/ul m

response 3101

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.98
80.00	14.80	11.98
0.00	0.00	0.00

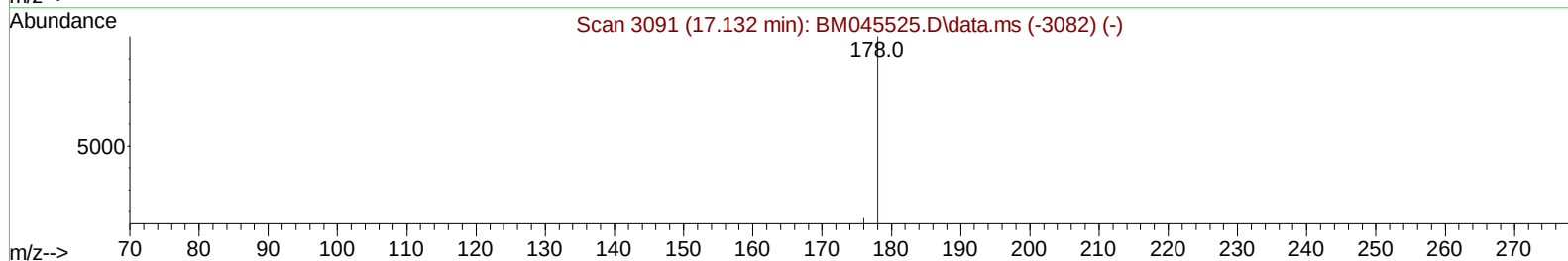
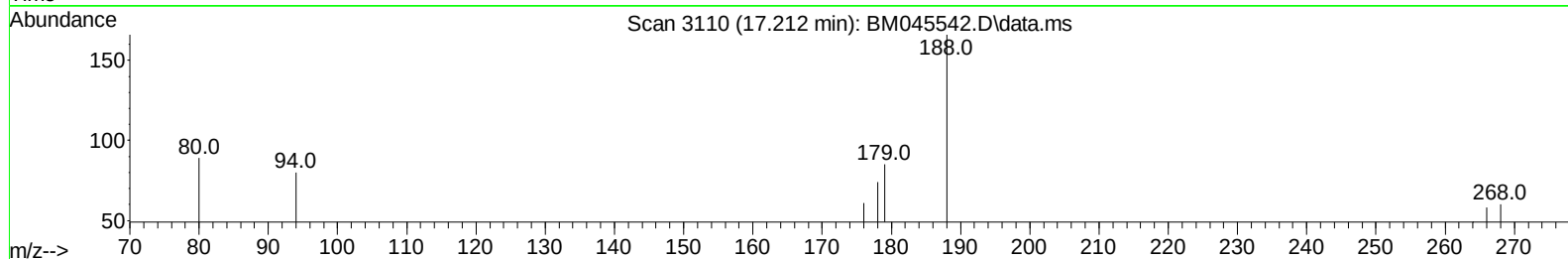
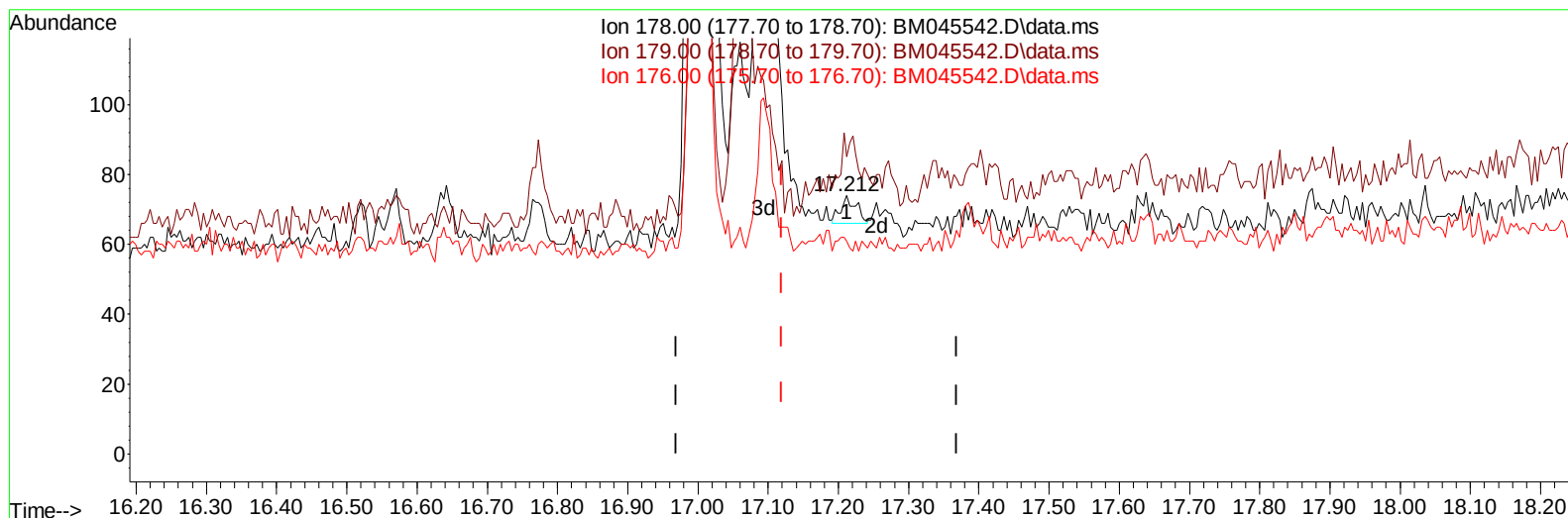
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
Acq On : 25 Apr 2024 00:25
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045542.D\data.ms

(16) Anthracene

17.212min (+ 0.093) 0.00 ng/u1

response 12

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	114.86#
176.00	23.40	82.43#
0.00	0.00	0.00

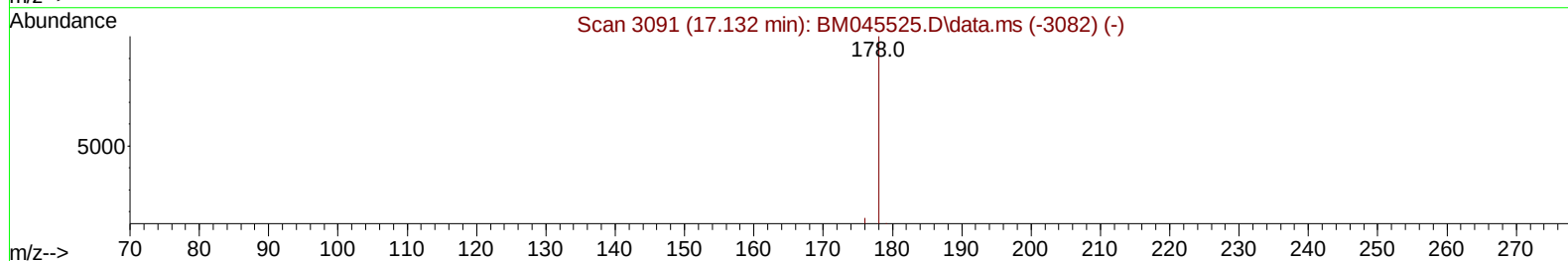
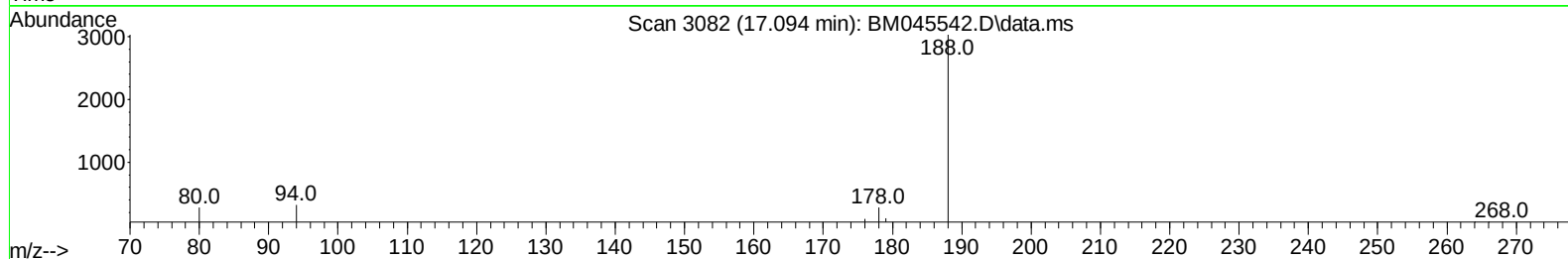
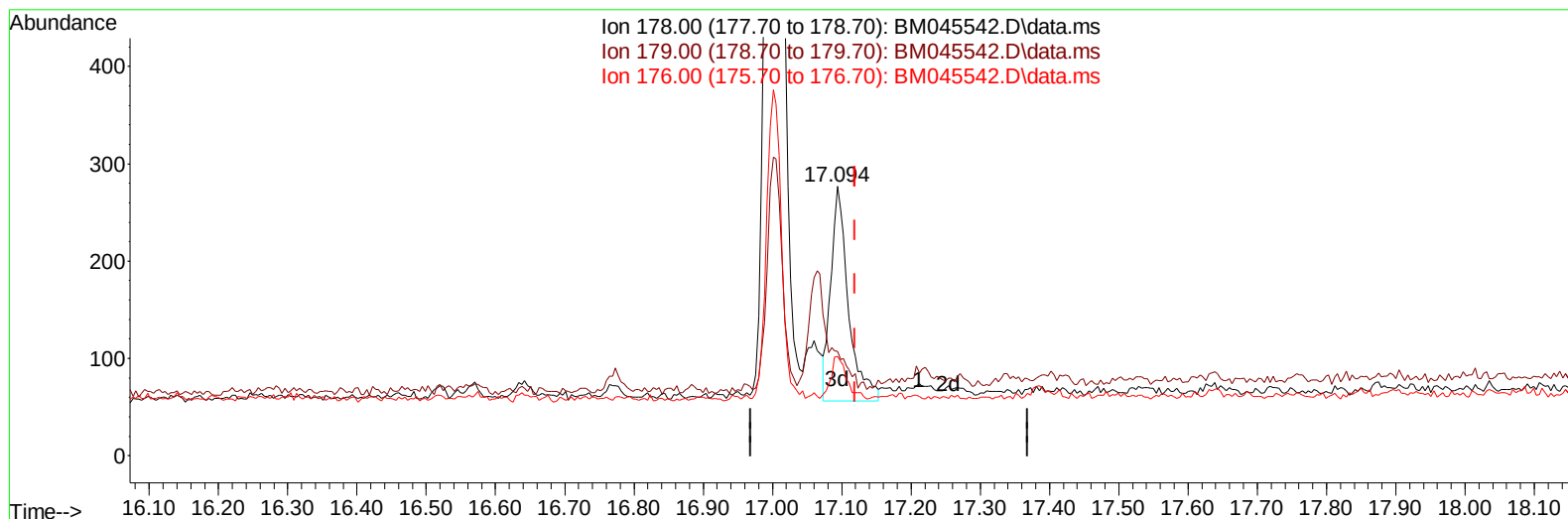
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045542.D\data.ms

(16) Anthracene

17.094min (-0.025) 0.05 ng/ul m

response 390

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	38.63#
176.00	23.40	36.82#
0.00	0.00	0.00

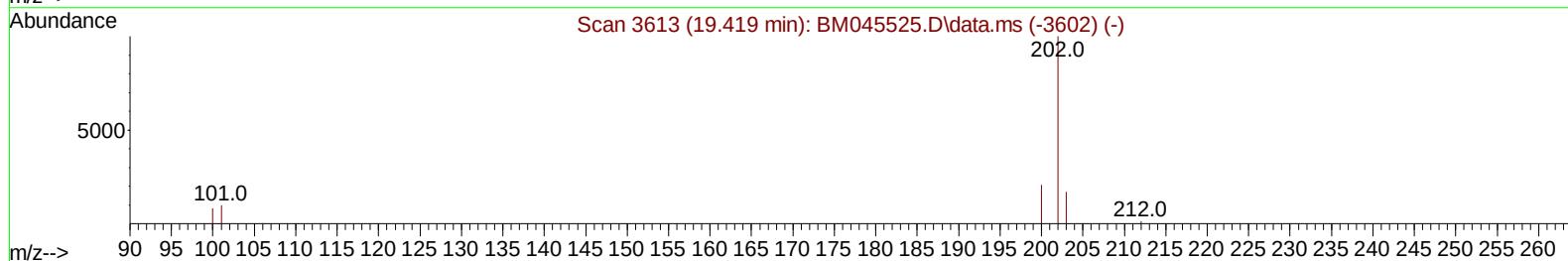
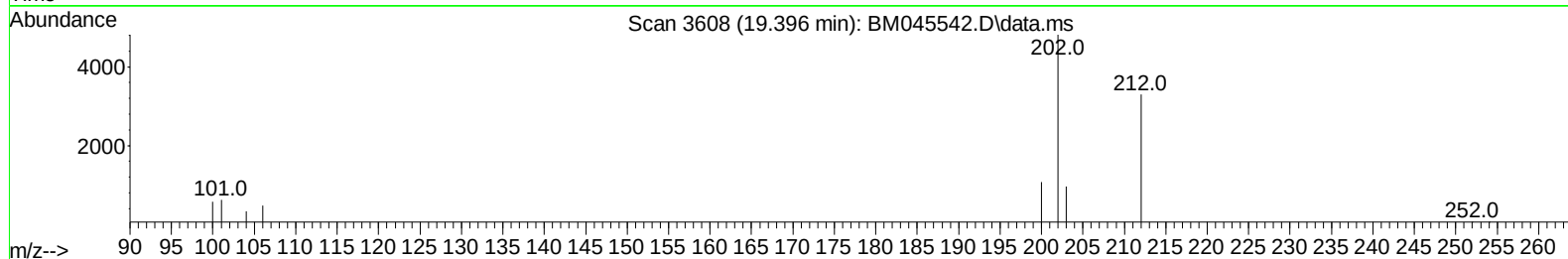
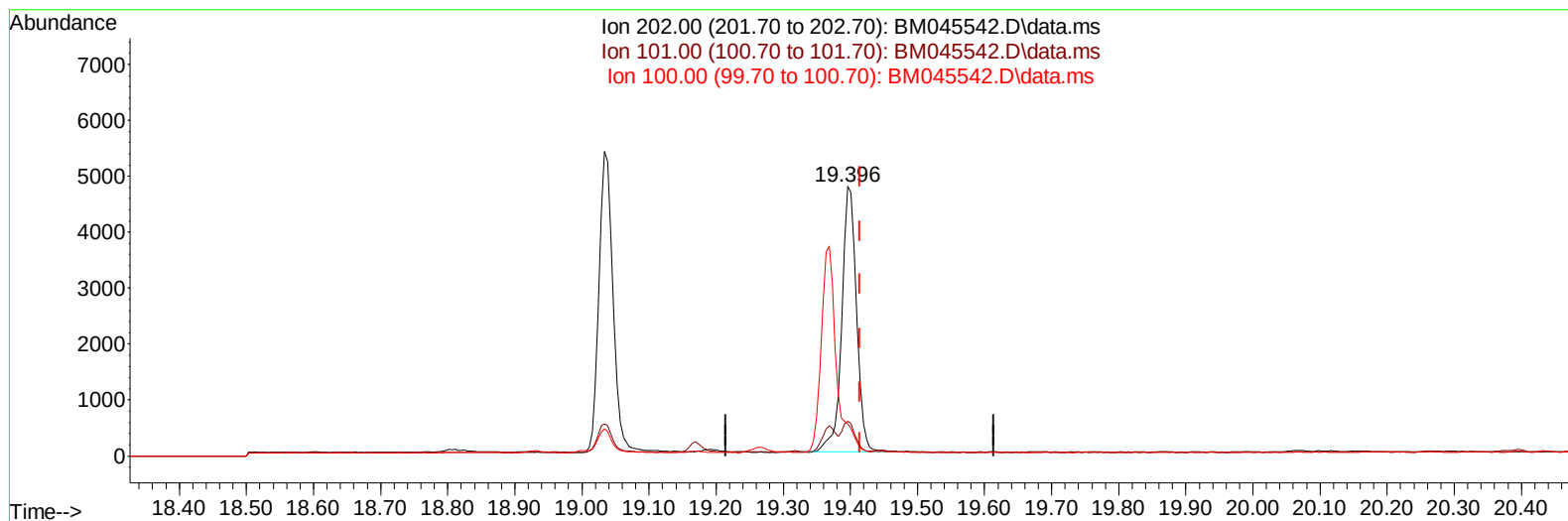
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
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Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045542.D\data.ms

(20) Pyrene

19.396min (-0.018) 0.55 ng/u1

response 7195

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	12.87
100.00	13.20	11.88
0.00	0.00	0.00

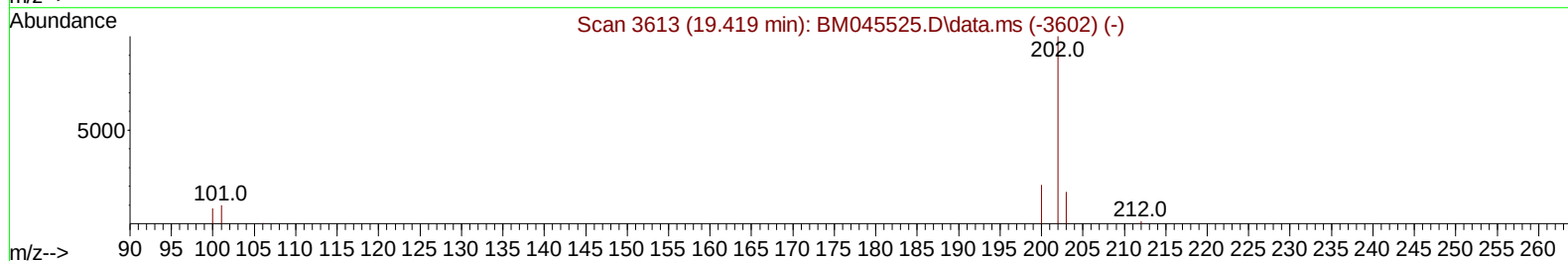
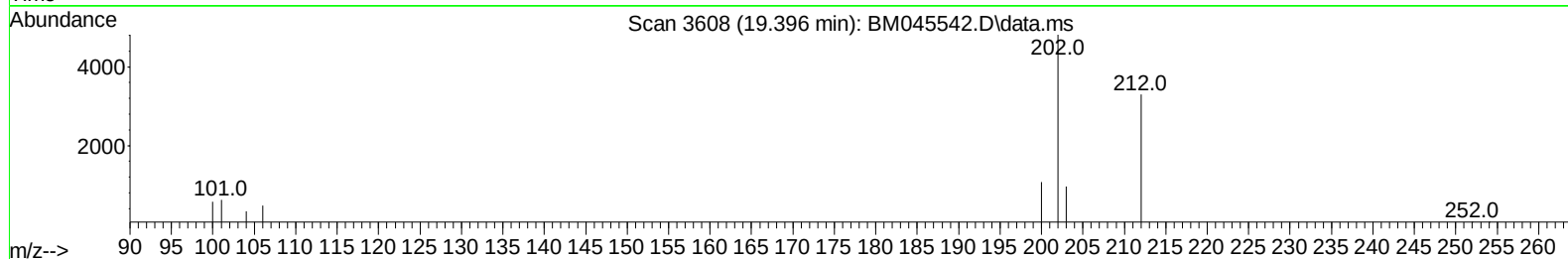
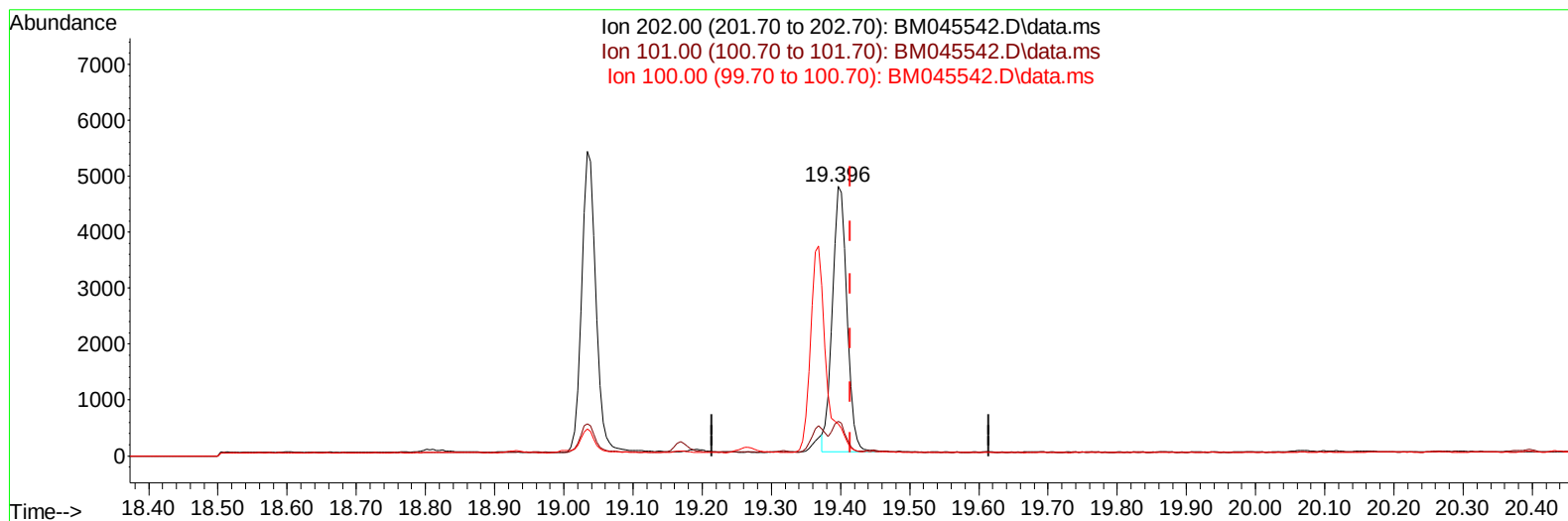
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
Acq On : 25 Apr 2024 00:25
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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TIC: BM045542.D\data.ms

(20) Pyrene

19.396min (-0.018) 0.53 ng/ul m

response 6897

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	12.87
100.00	13.20	11.88
0.00	0.00	0.00

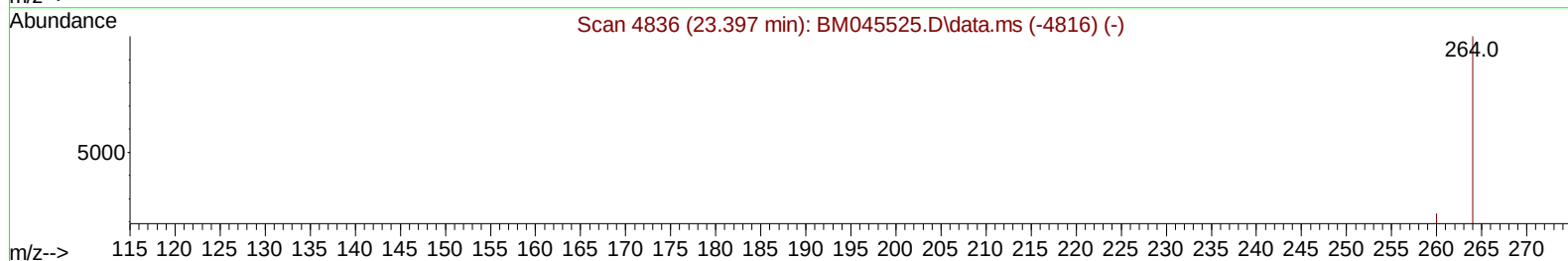
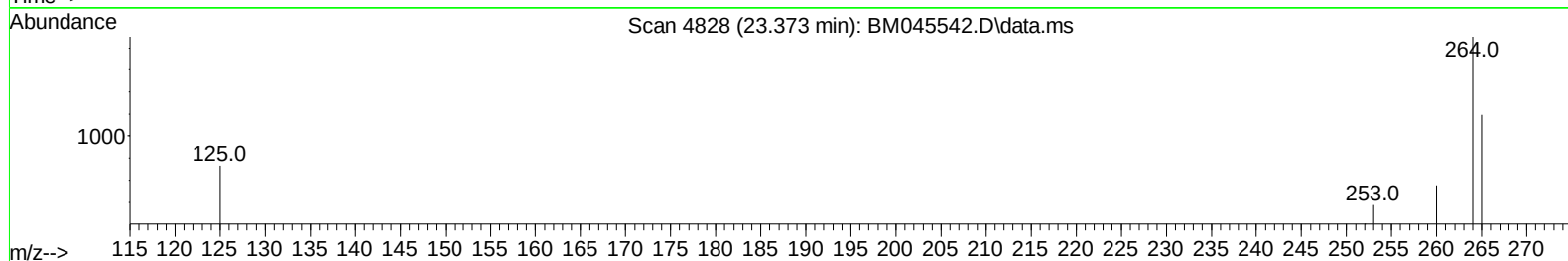
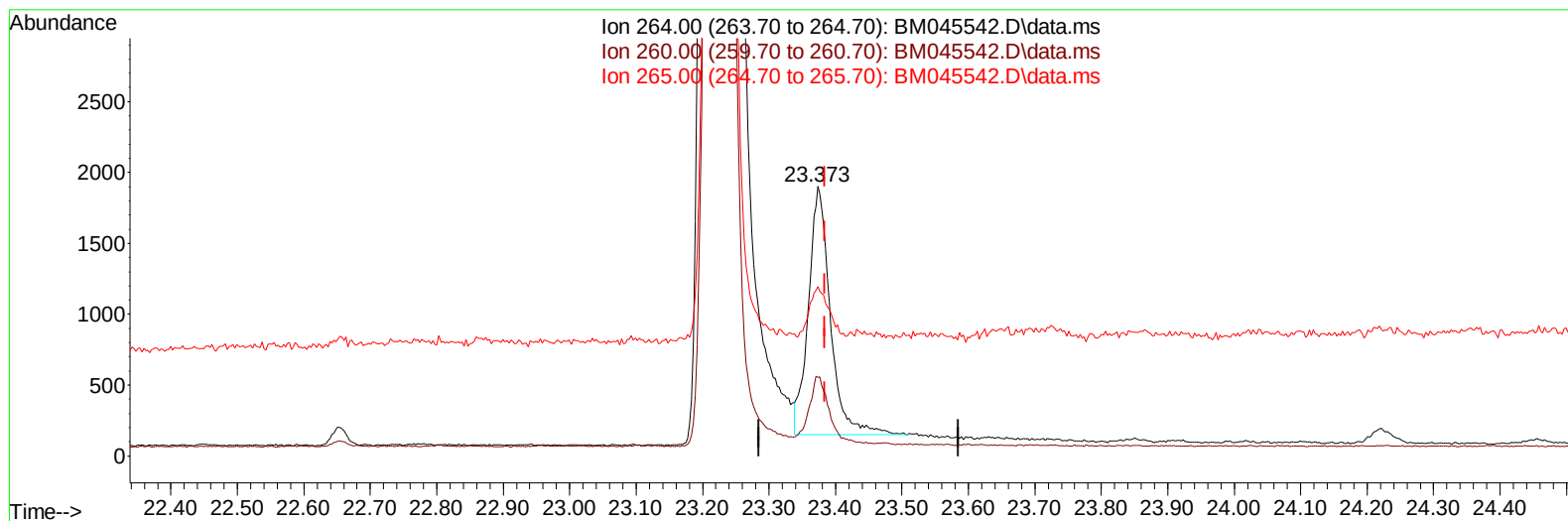
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Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045542.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.011) 0.40 ng/u1

response 4048

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	29.14
265.00	86.70	62.76#
0.00	0.00	0.00

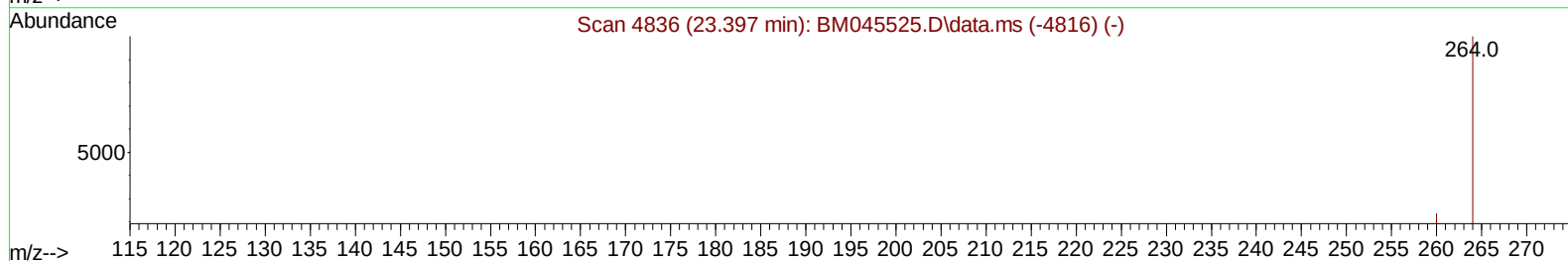
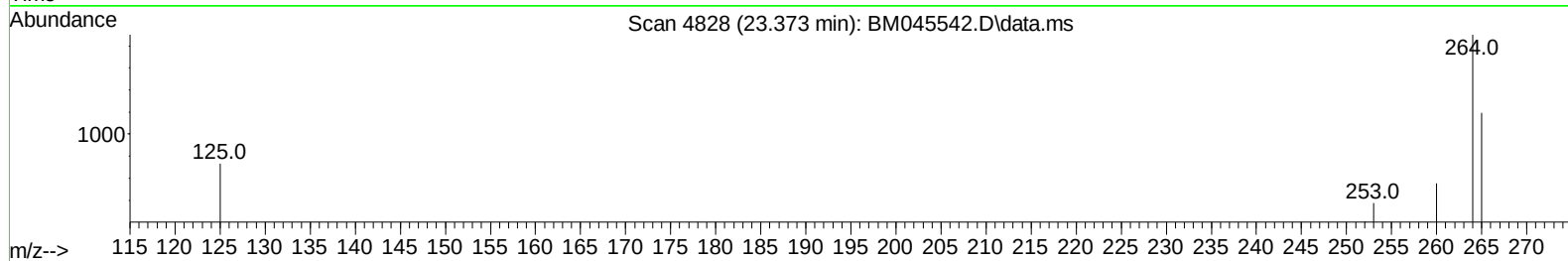
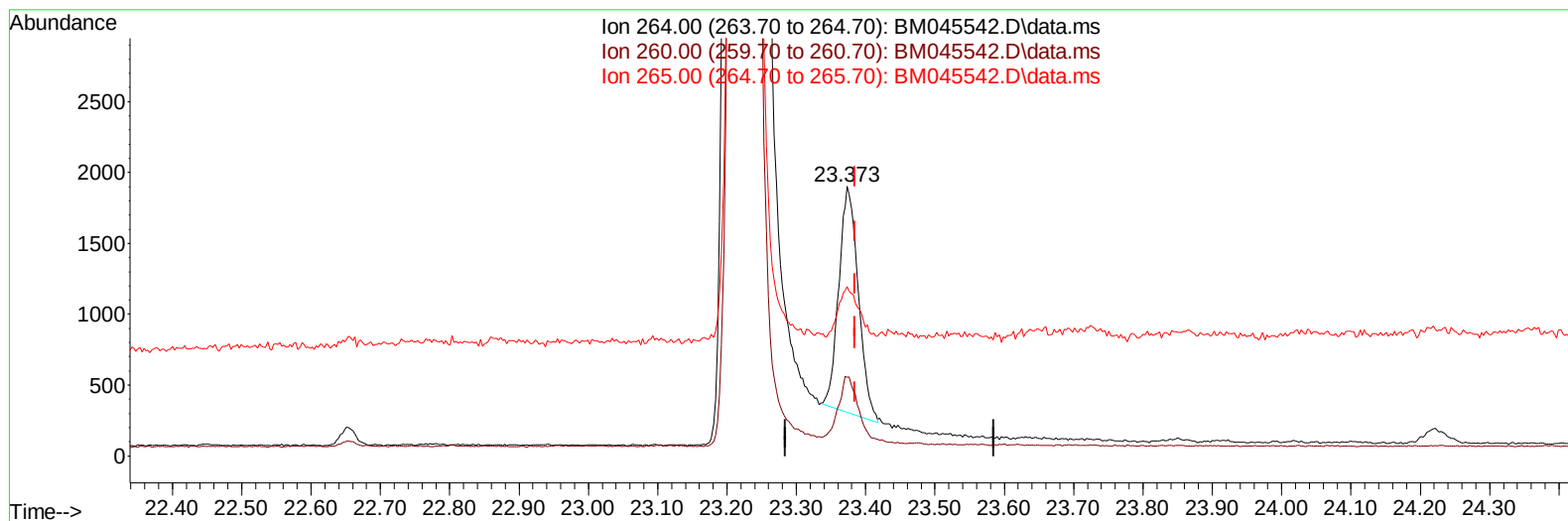
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045542.D
 Acq On : 25 Apr 2024 00:25
 Operator : MA/JU
 Sample : P2104-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/27/2024



TIC: BM045542.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.011) 0.40 ng/ul m

response 3115

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	29.14
265.00	86.70	62.76#
0.00	0.00	0.00

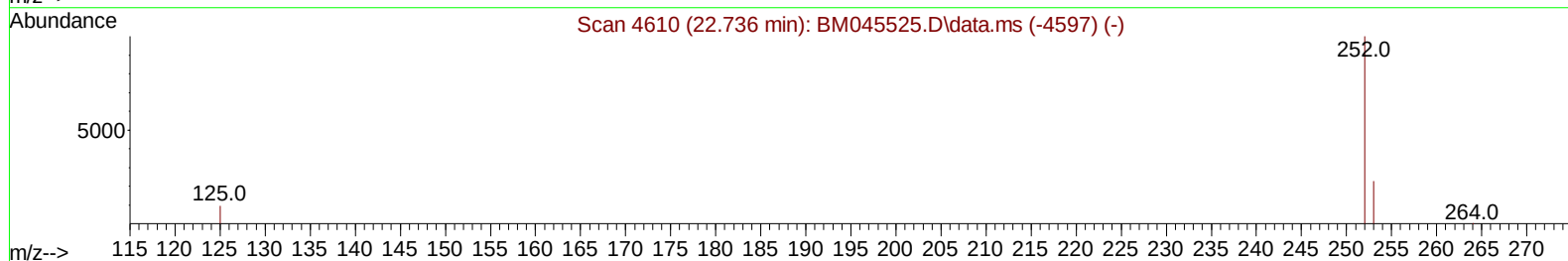
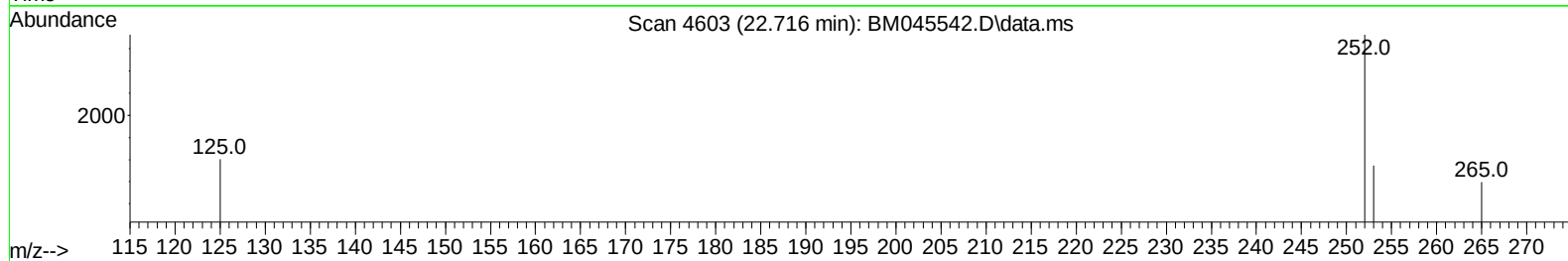
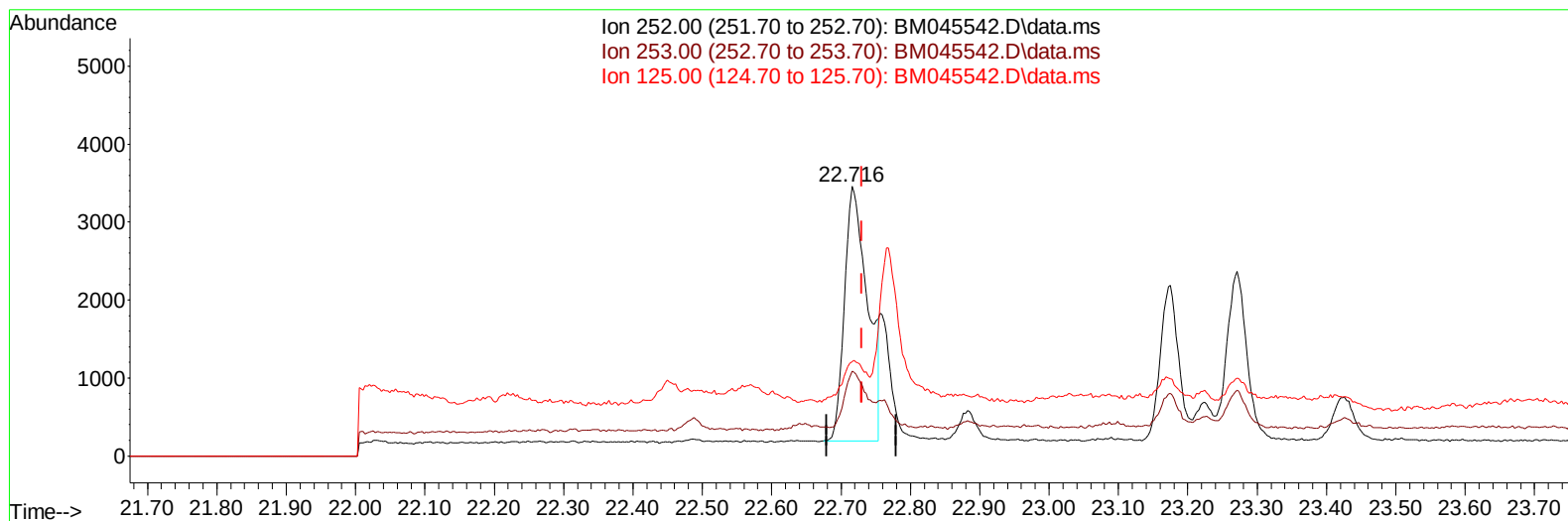
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045542.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (-0.014) 0.72 ng/u1

response 7566

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	31.42
125.00	18.40	35.01
0.00	0.00	0.00

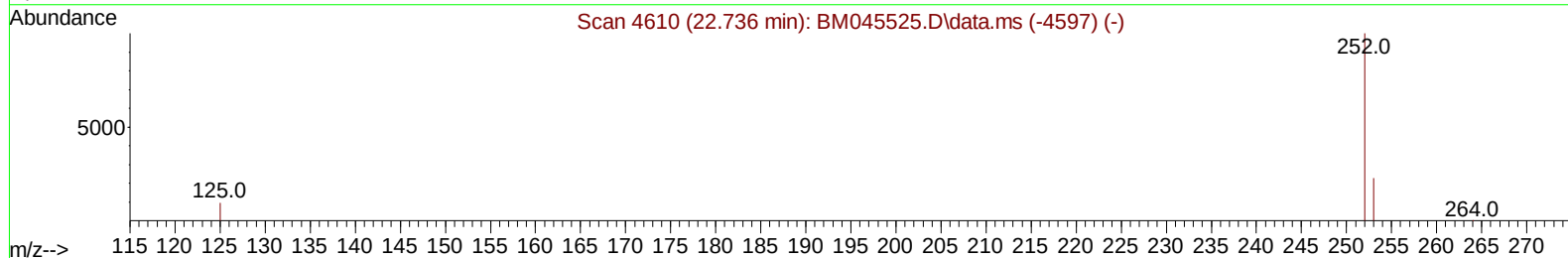
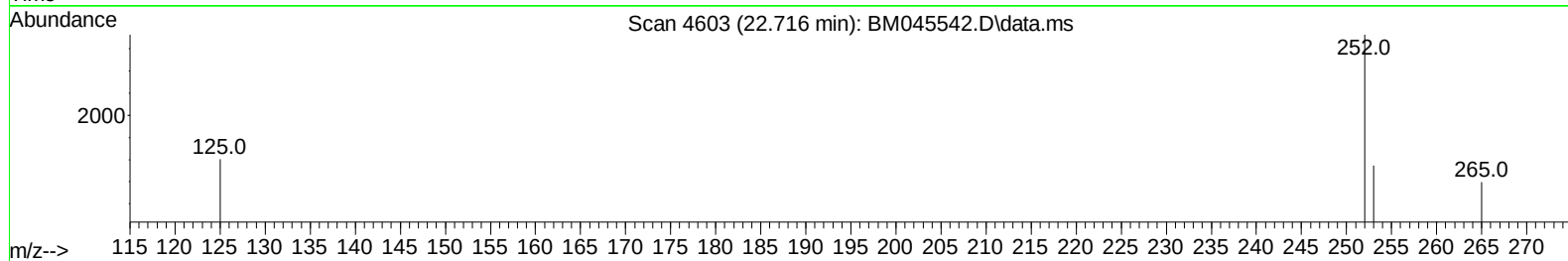
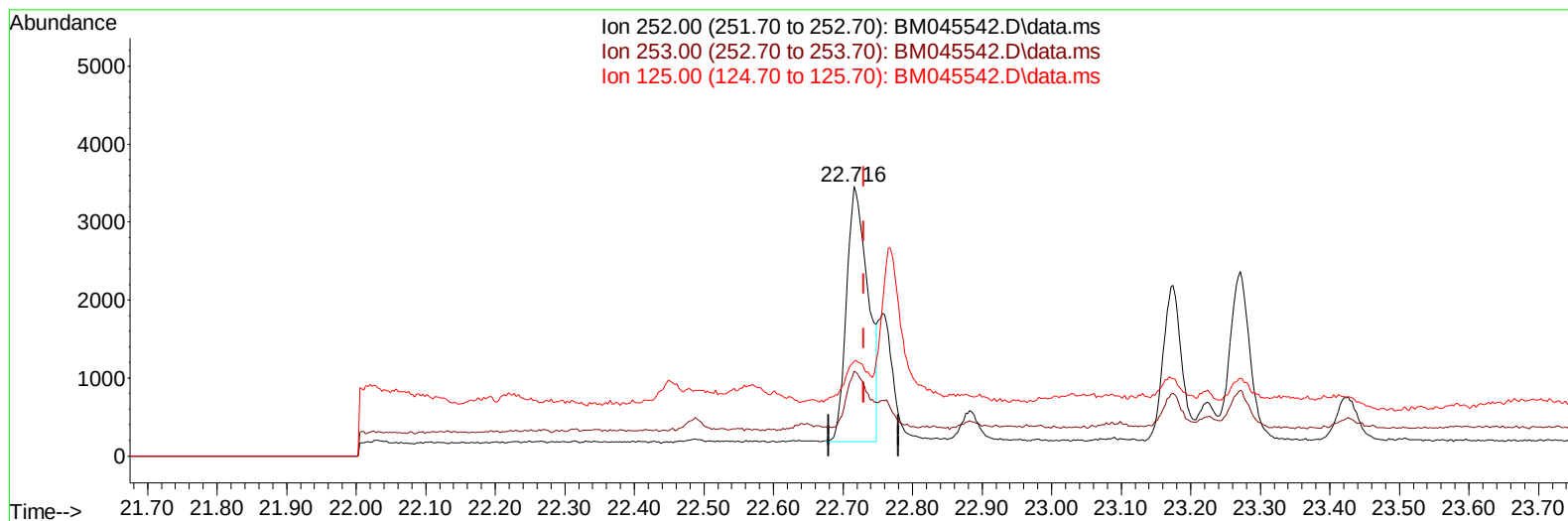
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045542.D
Acq On : 25 Apr 2024 00:25
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

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TIC: BM045542.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (-0.014) 0.67 ng/ul m

response 7042

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	31.42
125.00	18.40	35.01
0.00	0.00	0.00

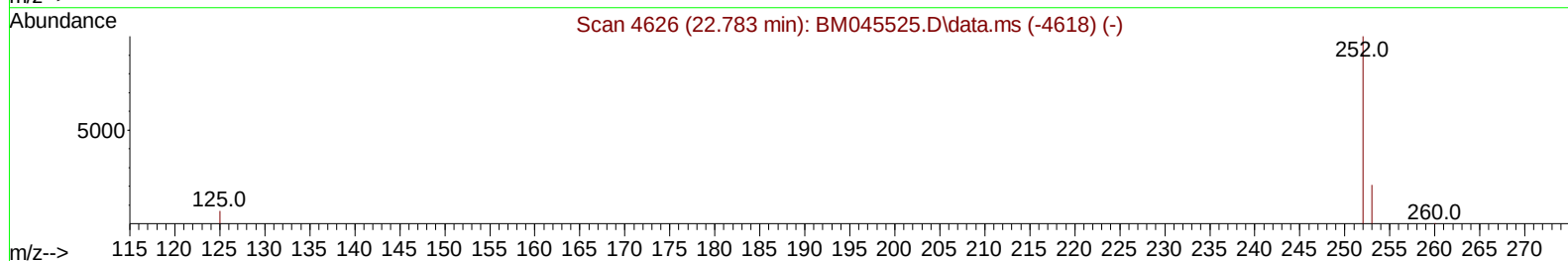
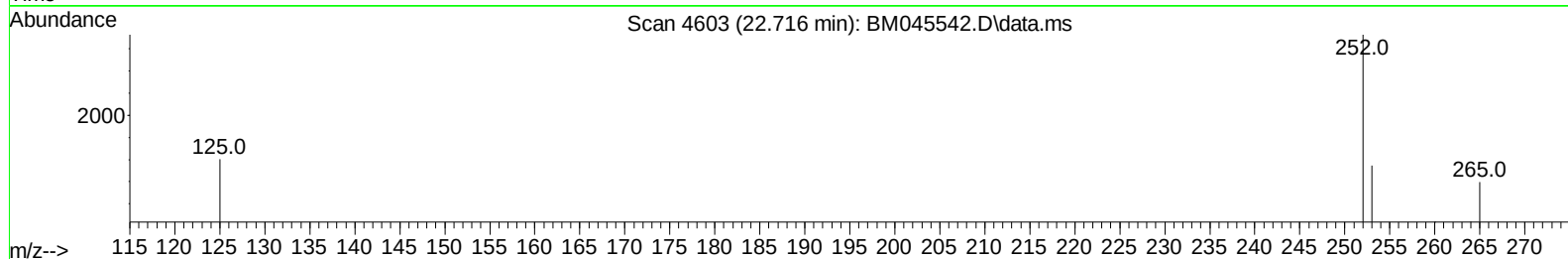
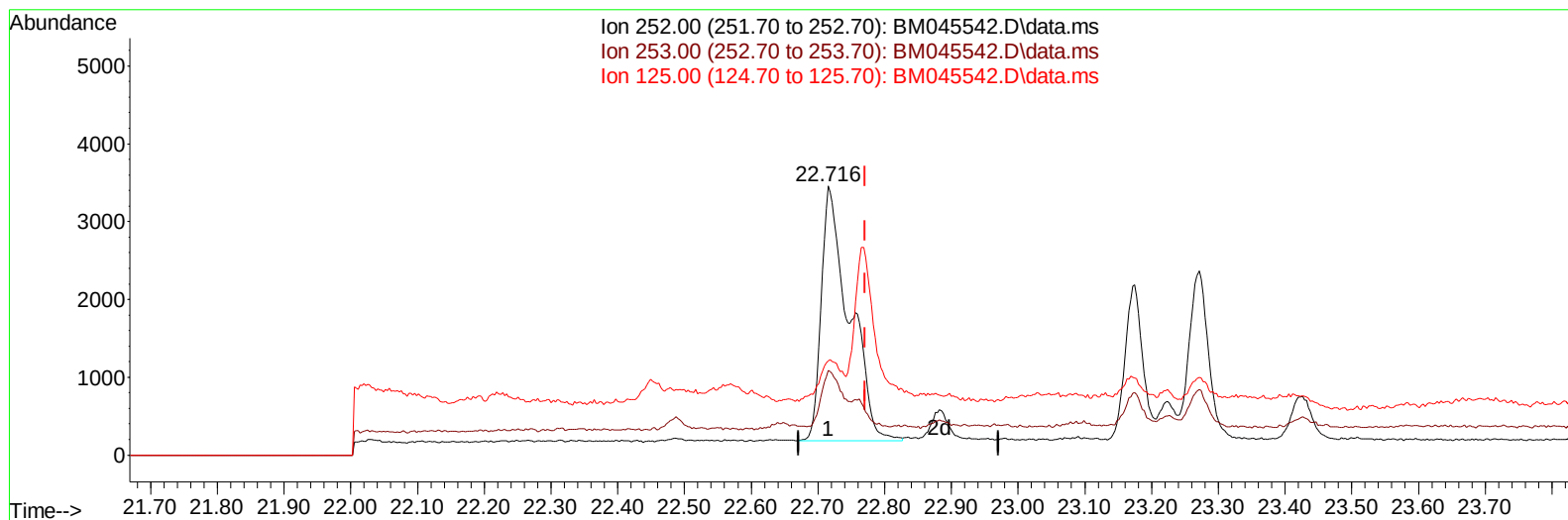
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045542.D\data.ms

(25) Benzo(k)fluoranthene

22.716min (-0.055) 0.72 ng/u1

response 9513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	31.42
125.00	18.50	35.01#
0.00	0.00	0.00

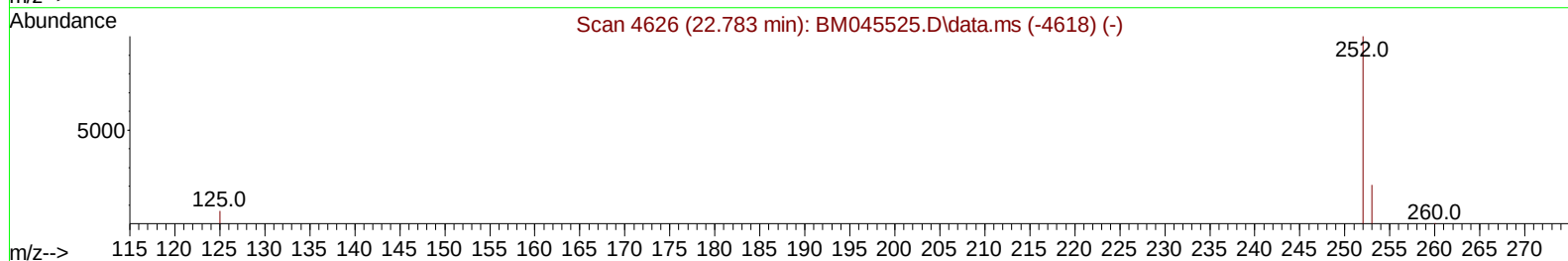
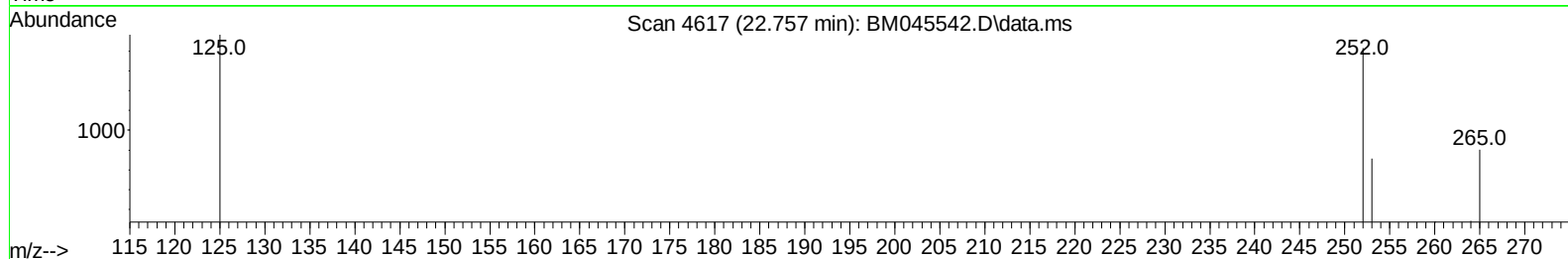
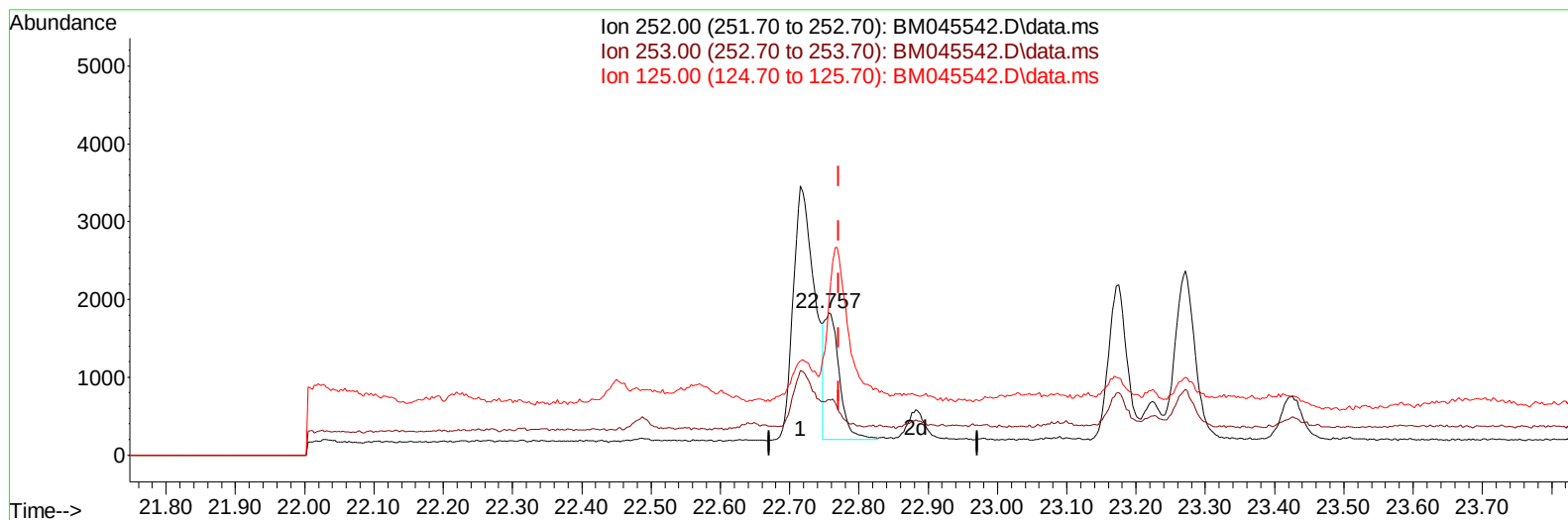
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Data File : BM045542.D
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Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

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TIC: BM045542.D\data.ms

(25) Benzo(k)fluoranthene

22.757min (-0.014) 0.18 ng/ul m

response 2412

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	39.03#
125.00	18.50	107.21#
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	7.547	152	923	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2605	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1398	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3101m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.187	240	2758	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	3115m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4953	4.004	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	844	0.246	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2005	0.231	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	257	0.037	ng/ul#	60
7) 2-Methylnaphthalene	12.008	142	185	0.046	ng/ul	98
8) 1-Methylnaphthalene	12.228	142	146	0.033	ng/ul	84
15) Phenanthrene	17.001	178	2334	0.258	ng/ul	98
16) Anthracene	17.094	178	390m	0.046	ng/ul	
19) Fluoranthene	19.034	202	7815	0.614	ng/ul#	92
20) Pyrene	19.396	202	6897m	0.527	ng/ul	
21) Benzo(a)anthracene	21.176	228	3472	0.394	ng/ul	97
22) Chrysene	21.225	228	4034	0.298	ng/ul	100
24) Benzo(b)fluoranthene	22.716	252	7042m	0.672	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	2412m	0.182	ng/ul	
26) Benzo(a)pyrene	23.271	252	4315	0.397	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.568	276	4511	0.286	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.578	278	890	0.071	ng/ul#	14
29) Benzo(g,h,i)perylene	26.232	276	4293	0.302	ng/ul#	94

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

