

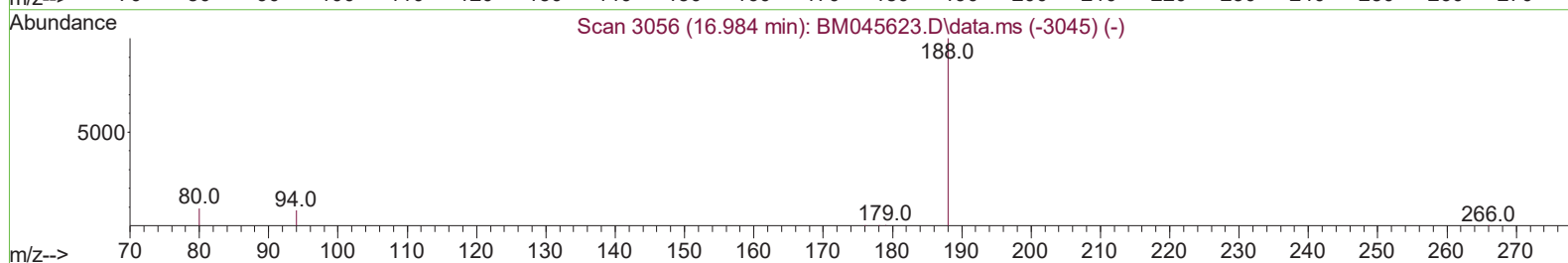
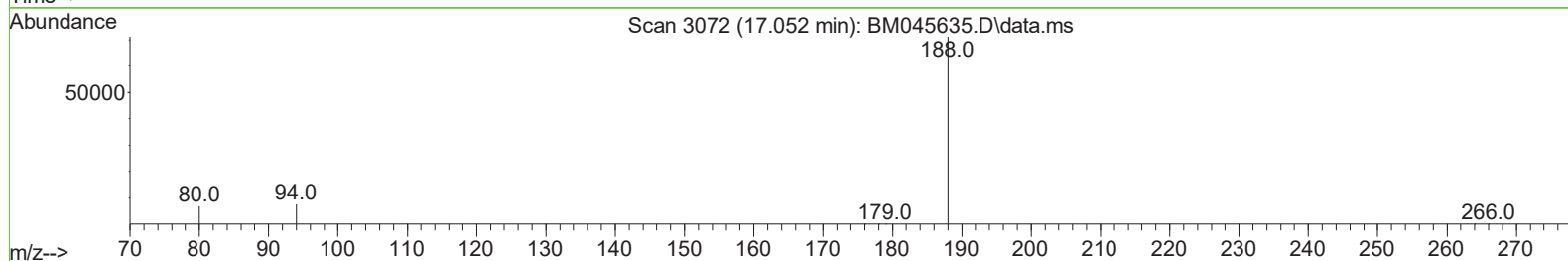
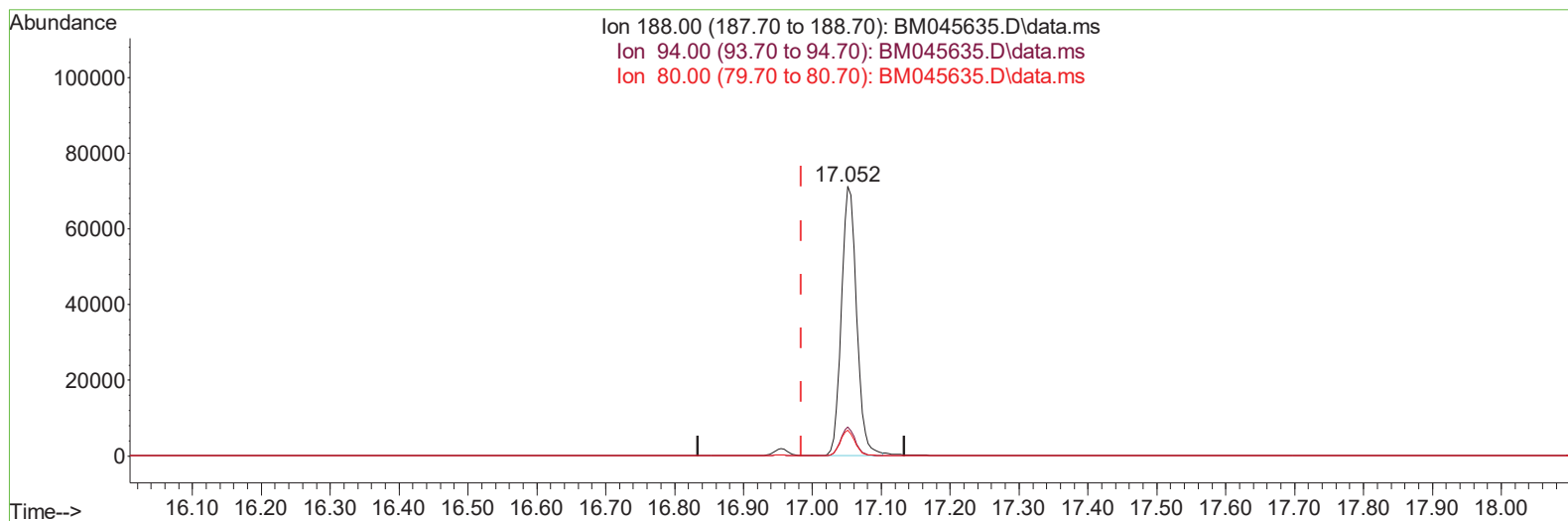
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
Sample : P2119-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

Quant Time: Apr 30 01:55:57 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 01:16:44 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045635.D\data.ms

(13) Phenanthrene-d10 (I)

17.052min (+ 0.068) 0.40 ng/u1

response 109068

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.74#
80.00	14.80	9.56#
0.00	0.00	0.00

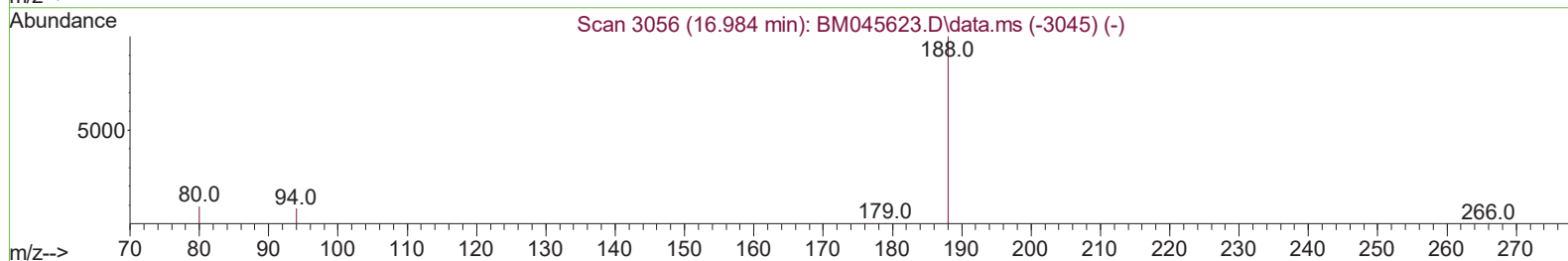
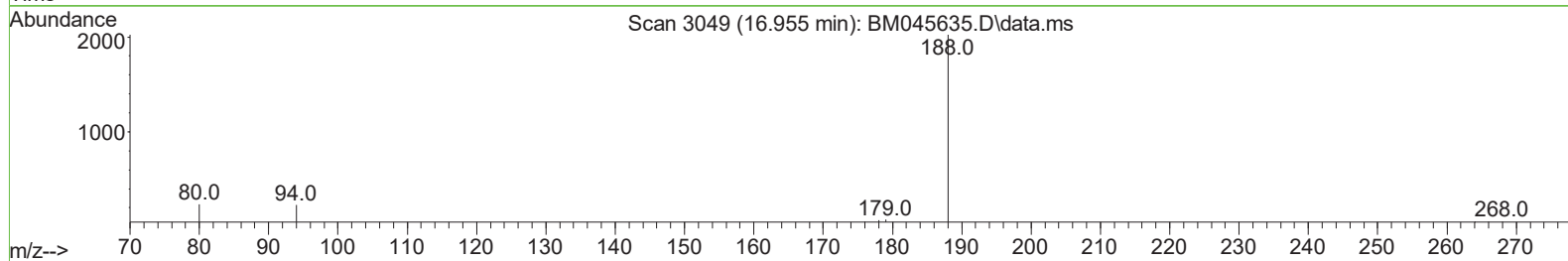
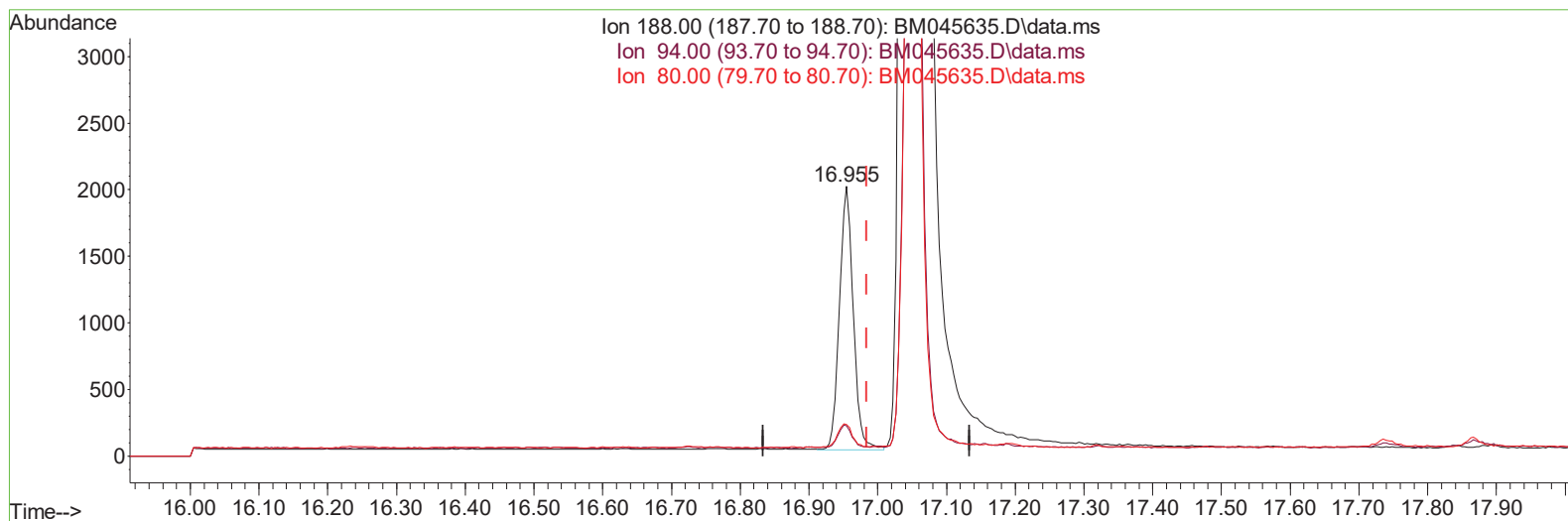
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
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Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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QLast Update : Tue Apr 30 01:16:44 2024
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Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045635.D\data.ms

(13) Phenanthrene-d10 (I)

16.955min (-0.030) 0.40 ng/u1 m

response 2759

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.31#
80.00	14.80	11.66#
0.00	0.00	0.00

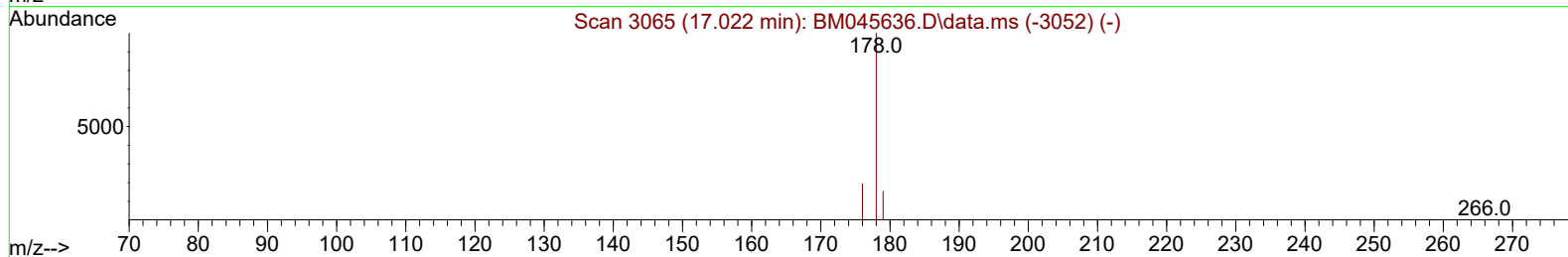
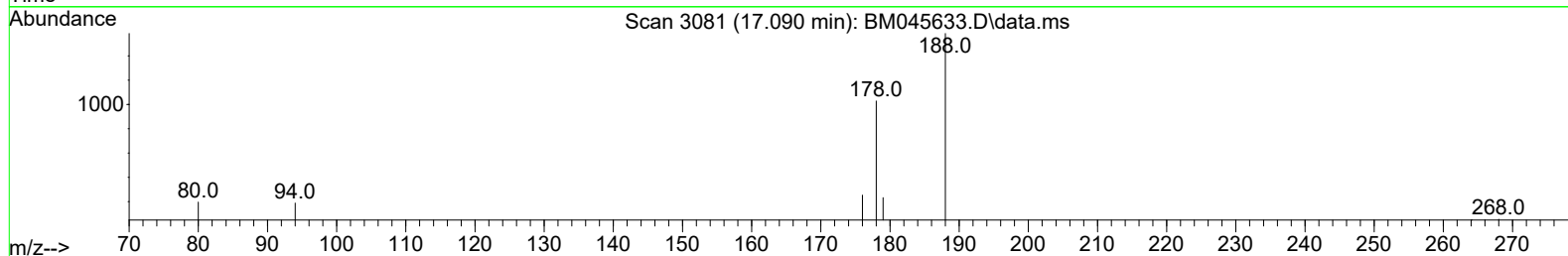
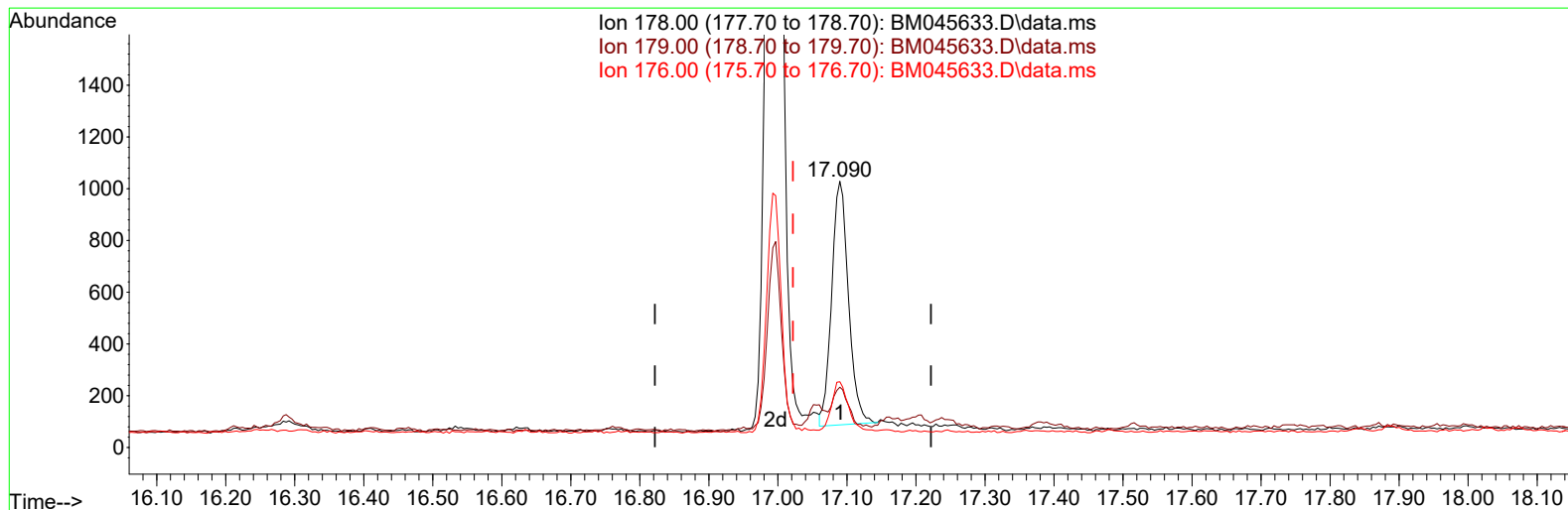
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
Sample : P2119-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

Quant Time: Apr 30 20:26:03 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

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045633.D\data.ms

(15) Phenanthrene

17.090min (+ 0.068) 0.00 ng/u1

response 1586

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	22.64
176.00	23.70	24.68
0.00	0.00	0.00

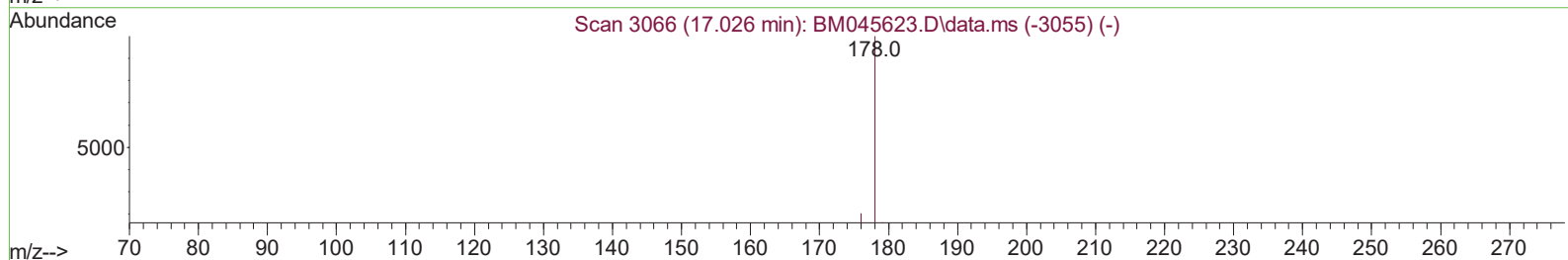
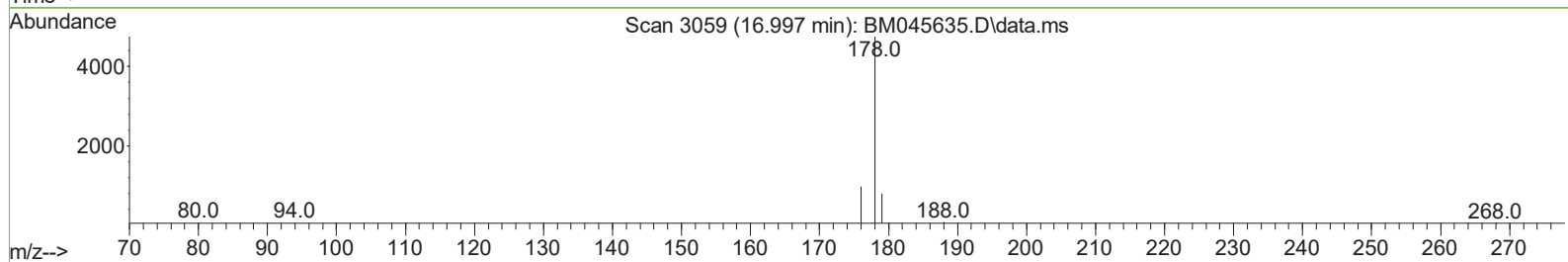
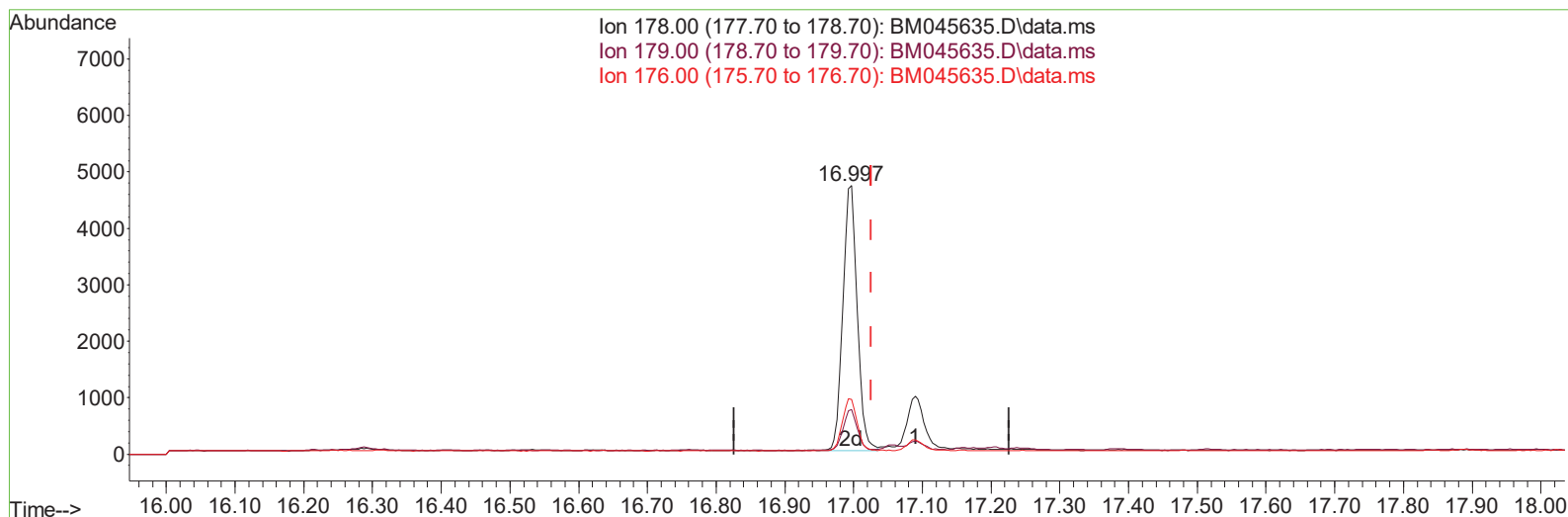
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
Sample : P2119-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

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TIC: BM045635.D\data.ms

(15) Phenanthrene

16.997min (-0.030) 0.85 ng/ul m

response 6817

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.74
176.00	23.70	20.46
0.00	0.00	0.00

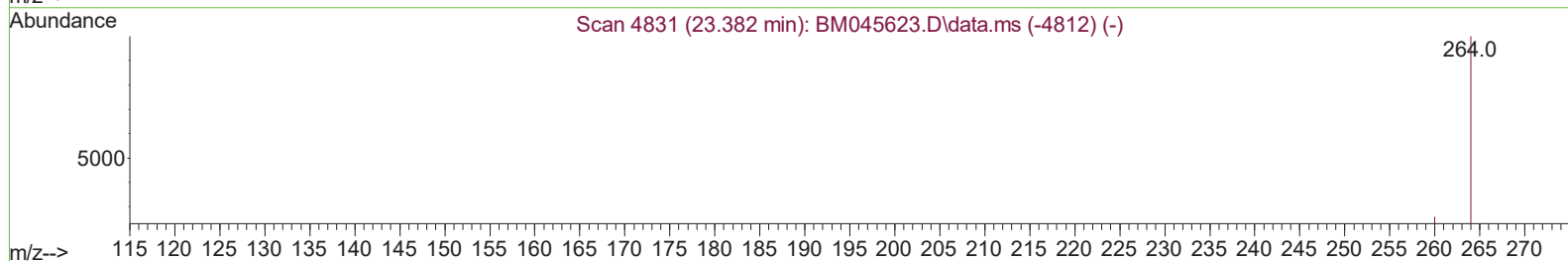
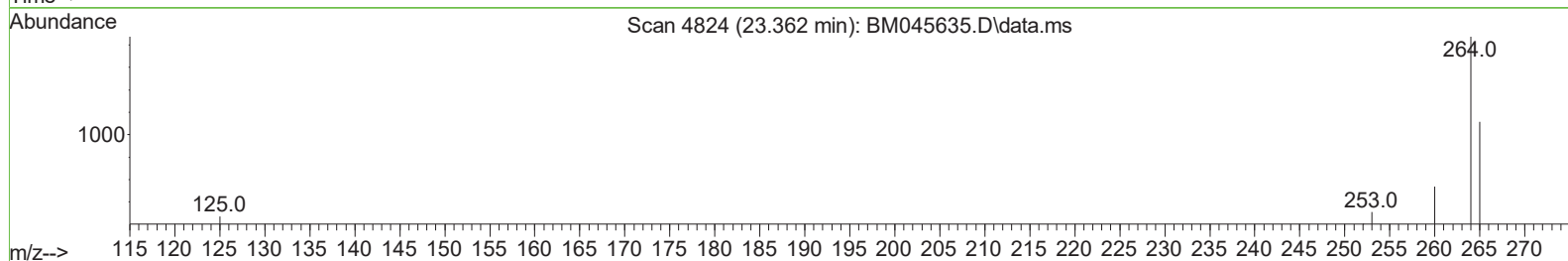
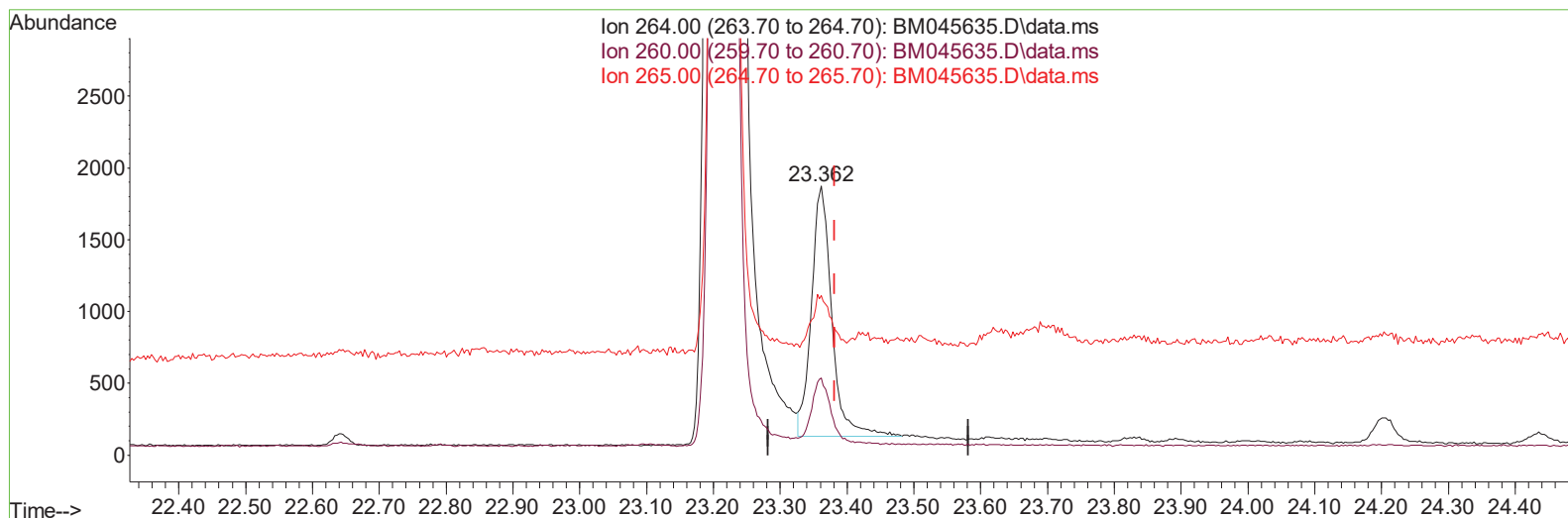
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
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TIC: BM045635.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.020) 0.40 ng/u1

response 3677

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.67
265.00	86.70	59.42#
0.00	0.00	0.00

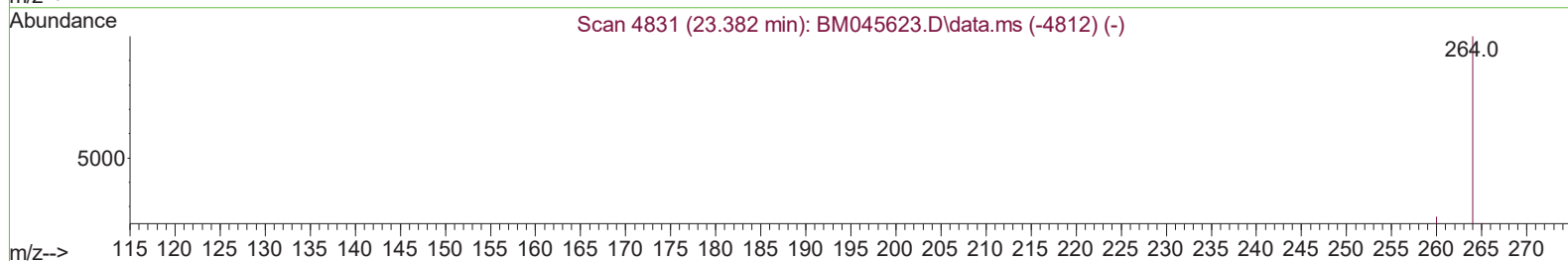
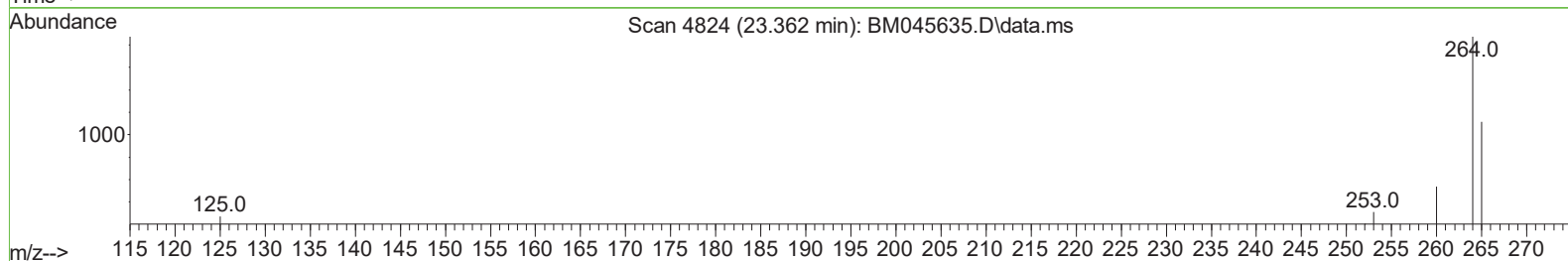
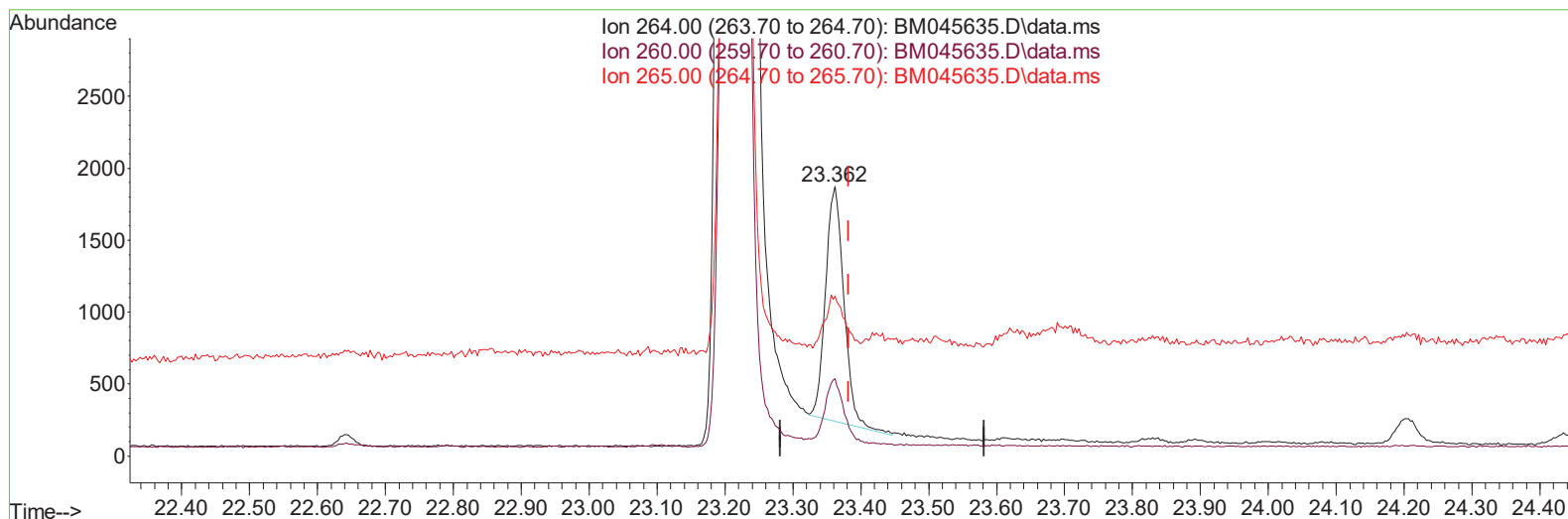
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
Sample : P2119-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

Quant Time: Apr 30 01:55:57 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 01:16:44 2024
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Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045635.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.020) 0.40 ng/ul m

response 3047

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.67
265.00	86.70	59.42#
0.00	0.00	0.00

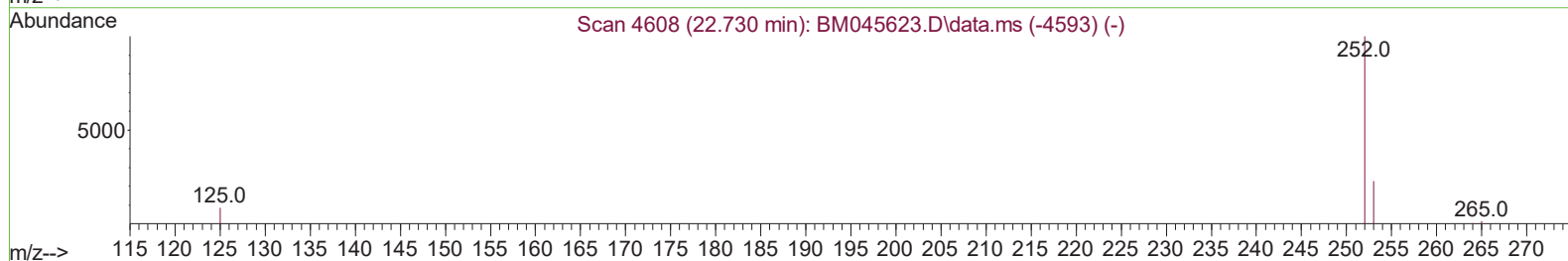
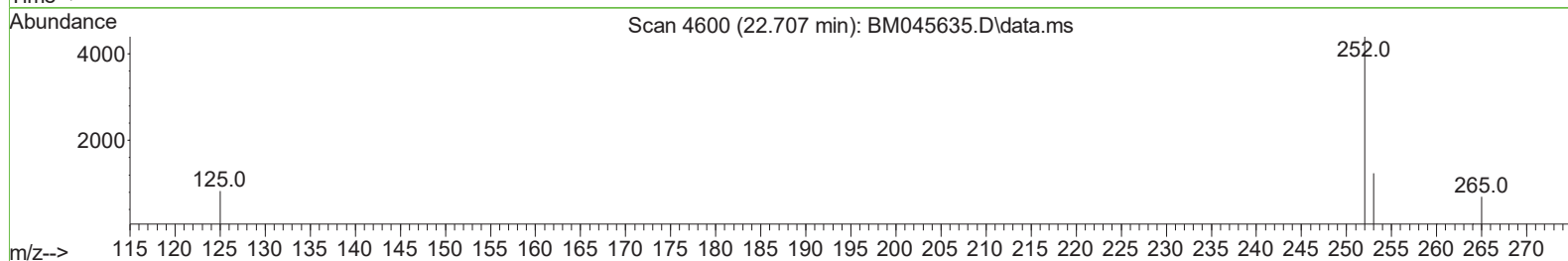
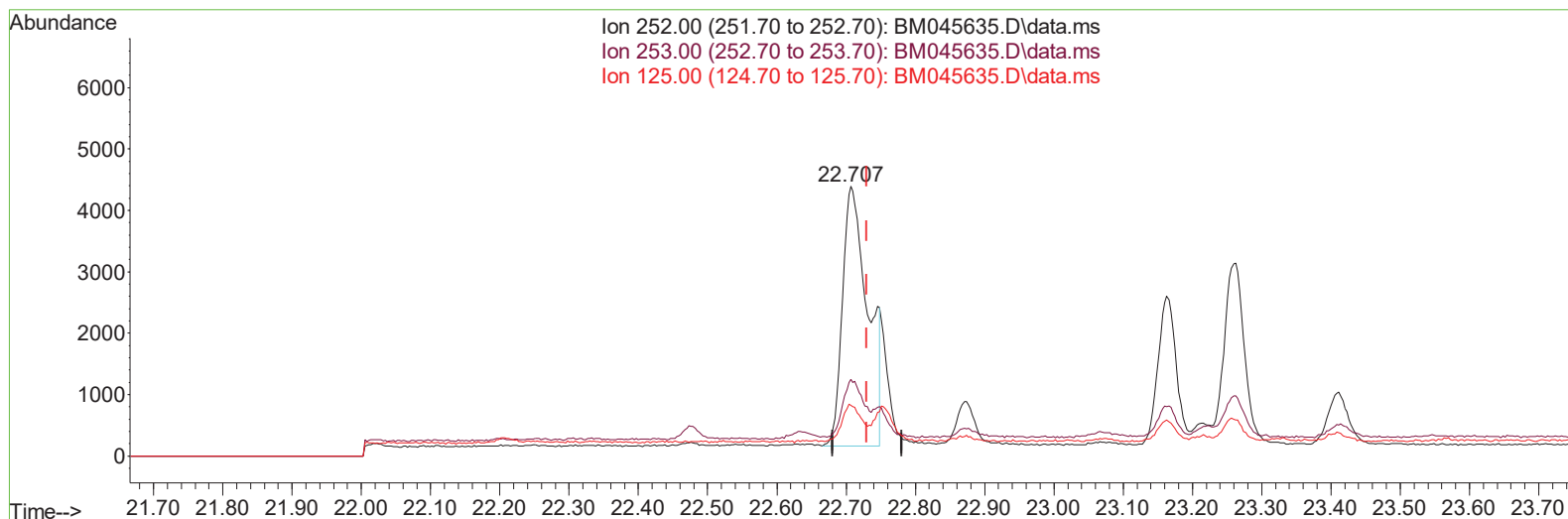
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
Sample : P2119-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

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TIC: BM045635.D\data.ms

(24) Benzo(b)fluoranthene

22.707min (-0.023) 1.04 ng/u1

response 10628

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.34
125.00	18.40	18.79
0.00	0.00	0.00

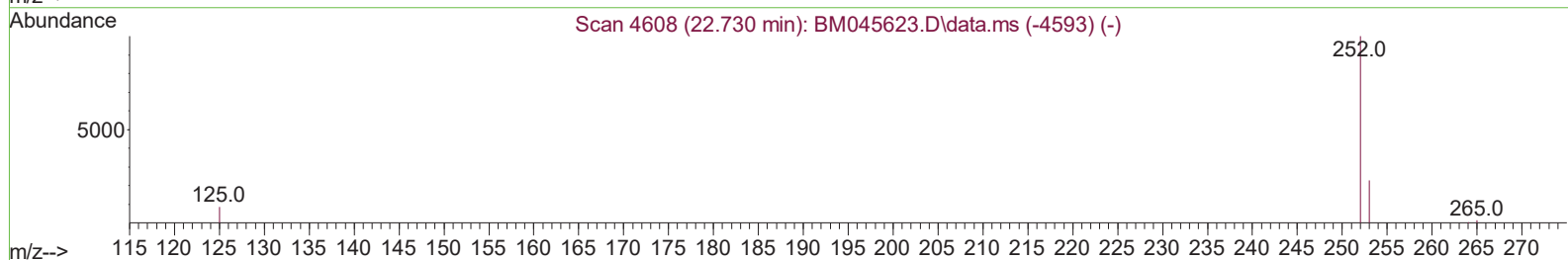
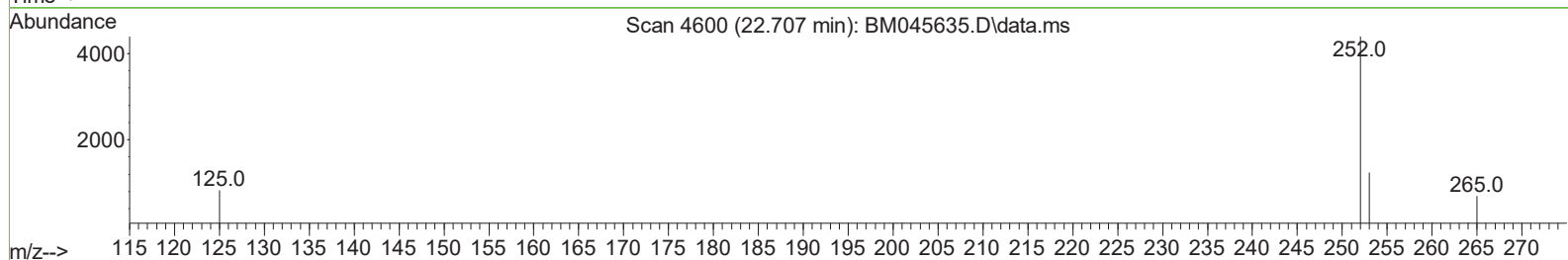
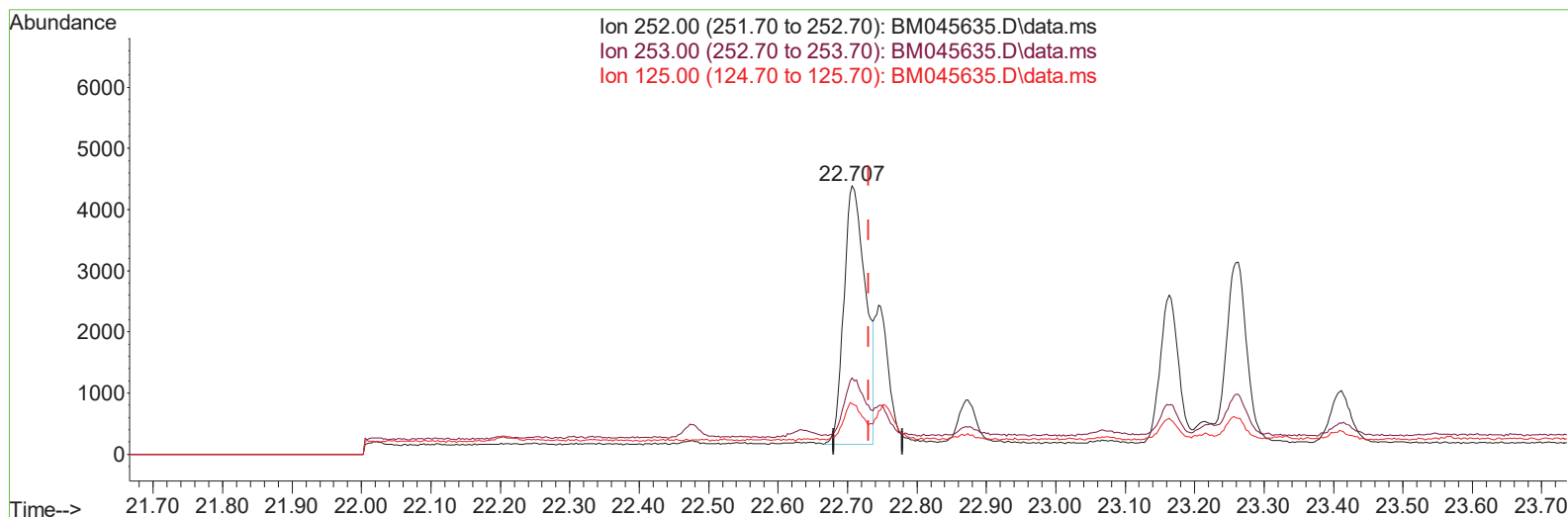
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045633.D
Acq On : 30 Apr 2024 01:18
Operator : MA/JU
Sample : P2119-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

Quant Time: Apr 30 01:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045635.D\data.ms

(24) Benzo(b)fluoranthene

22.707min (-0.023) 0.89 ng/u1 m

response 9107

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.34
125.00	18.40	18.79
0.00	0.00	0.00

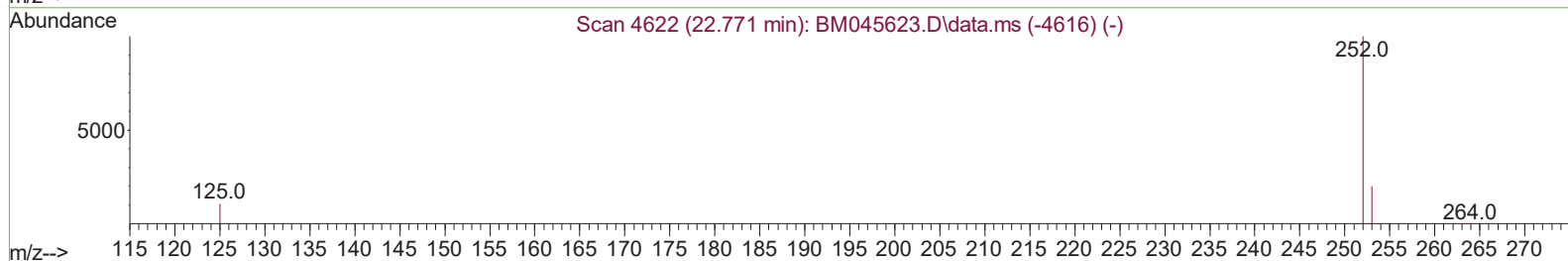
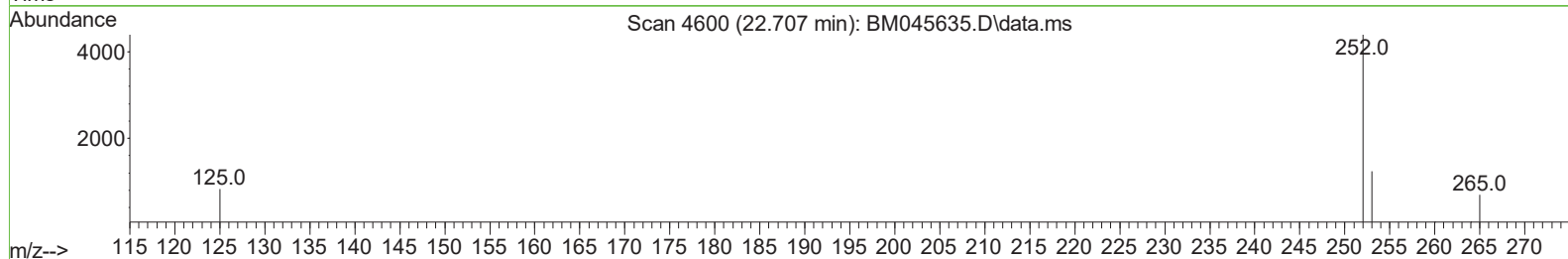
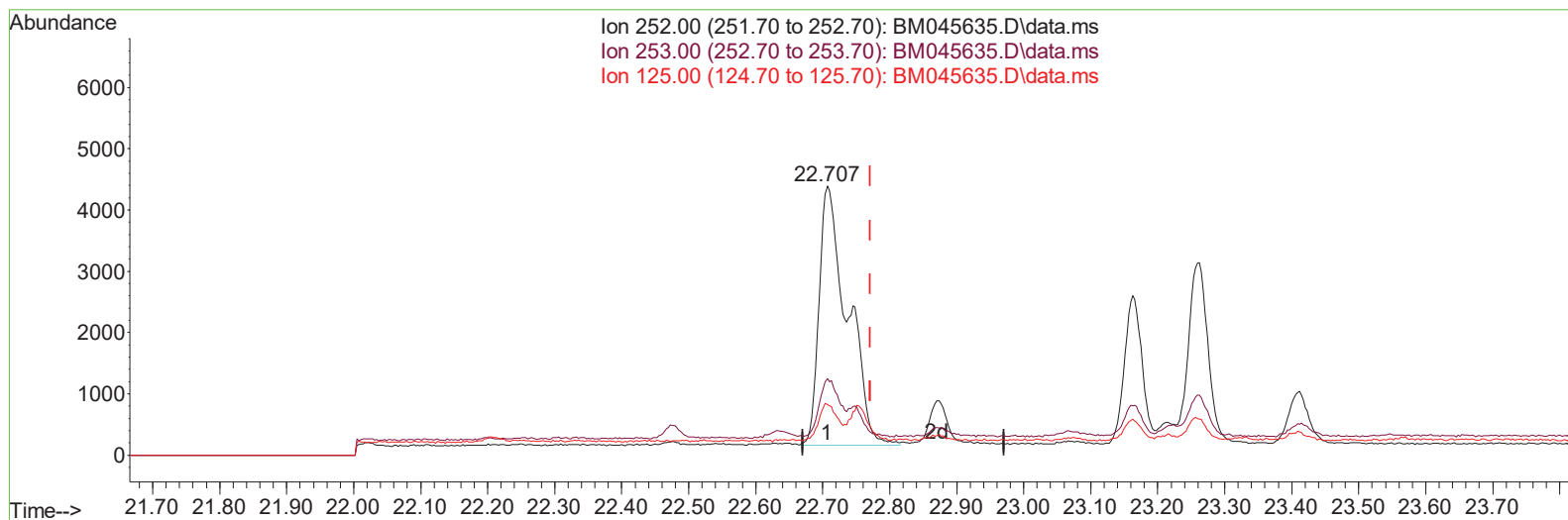
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ALS Vial : 21 Sample Multiplier: 1

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TIC: BM045635.D\data.ms

(25) Benzo(k)fluoranthene

22.707min (-0.064) 0.96 ng/u1

response 12393

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.34
125.00	18.50	18.79
0.00	0.00	0.00

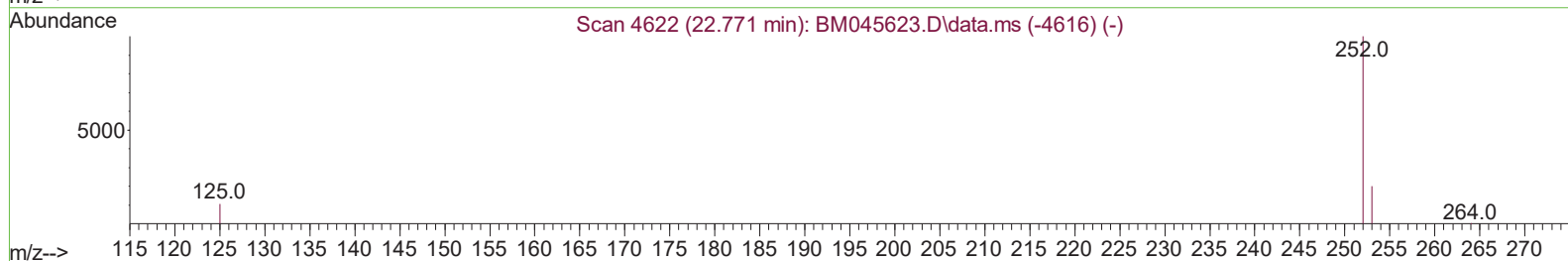
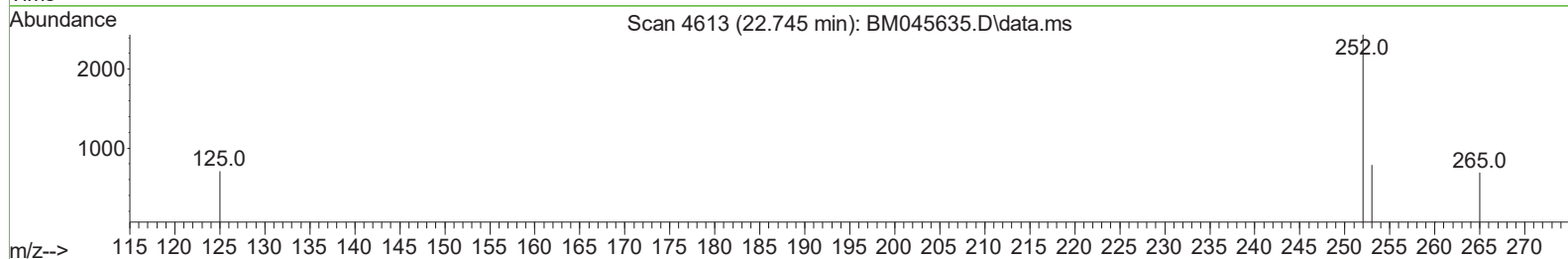
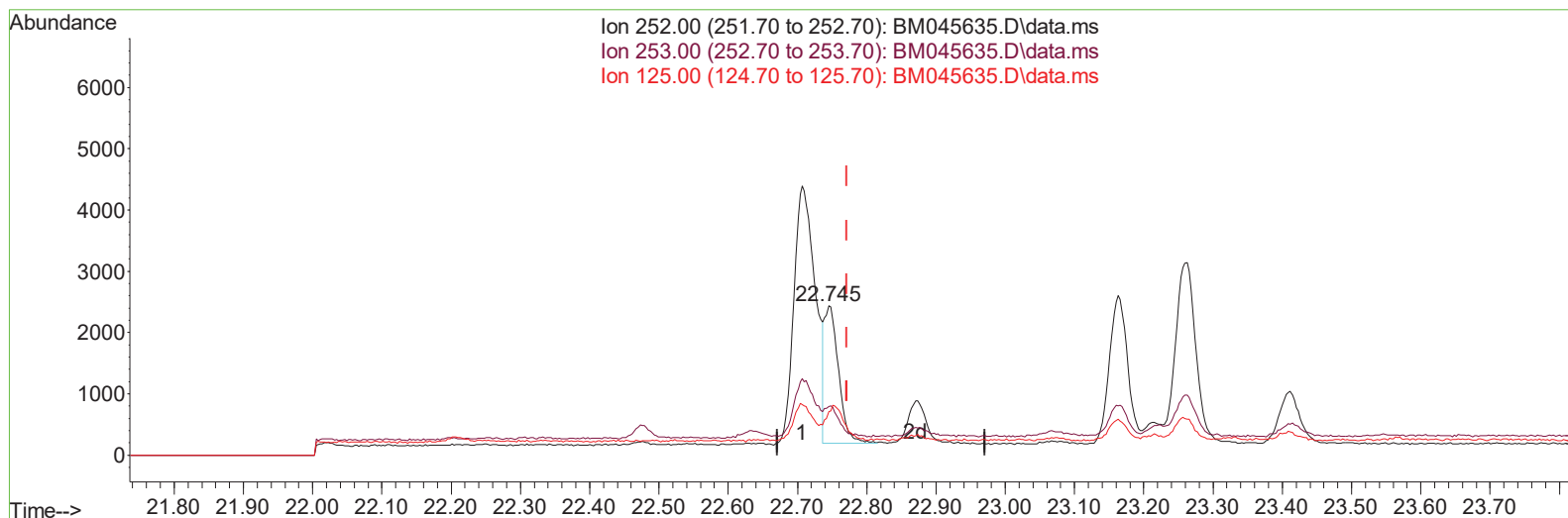
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/02/2024

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Response via : Initial Calibration



TIC: BM045635.D\data.ms

(25) Benzo(k)fluoranthene

22.745min (-0.026) 0.24 ng/ul m

response 3143

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	32.33
125.00	18.50	29.05#
0.00	0.00	0.00

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 Operator : MA/JU
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
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 C0AE8

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	1132	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	3013	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1471	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.955	188	2759m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	2355	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	3047m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4072	2.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	718	0.181	ng/ul	-0.02
18) Fluoranthene-d10	18.997	212	1334	0.180	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.353	128	1867	0.231	ng/ul	96
7) 2-Methylnaphthalene	11.991	142	1094	0.237	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	762	0.147	ng/ul	100
10) Acenaphthylene	13.909	152	877	0.121	ng/ul#	85
11) Acenaphthene	14.256	153	252	0.047	ng/ul	95
12) Fluorene	15.255	166	628	0.109	ng/ul#	94
15) Phenanthrene	16.997	178	6817m	0.848	ng/ul	
16) Anthracene	17.090	178	1548	0.206	ng/ul	98
19) Fluoranthene	19.029	202	12128	1.116	ng/ul#	91
20) Pyrene	19.392	202	10257	0.918	ng/ul	94
21) Benzo(a)anthracene	21.164	228	5907	0.785	ng/ul	98
22) Chrysene	21.214	228	5452	0.471	ng/ul	99
24) Benzo(b)fluoranthene	22.707	252	9107m	0.889	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	3143m	0.243	ng/ul	
26) Benzo(a)pyrene	23.262	252	6032	0.567	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.548	276	5007	0.324	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.562	278	1190	0.097	ng/ul#	64
29) Benzo(g,h,i)perylene	26.216	276	4996	0.360	ng/ul	99

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

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