

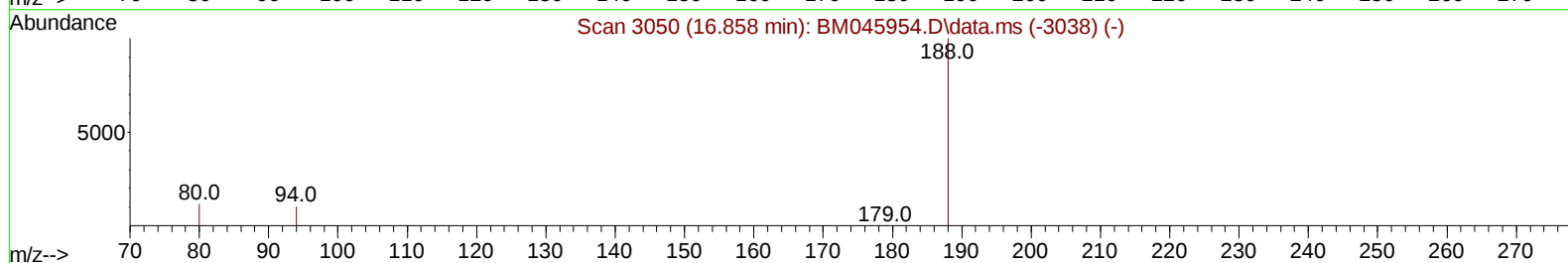
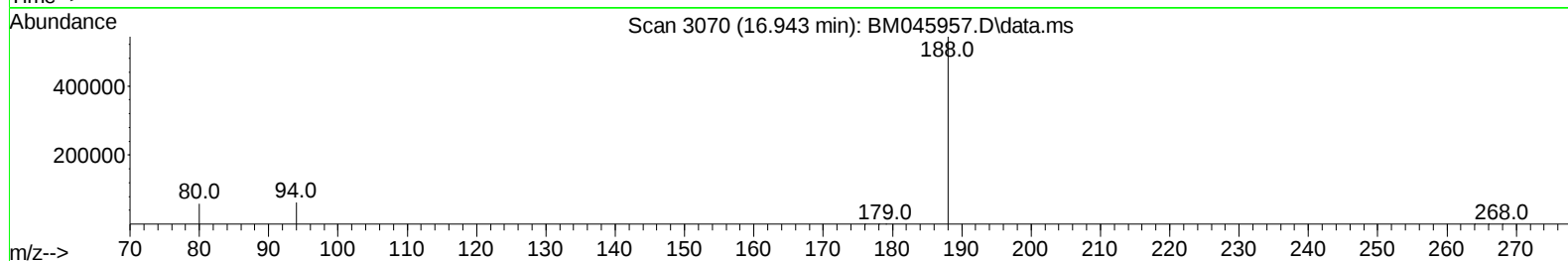
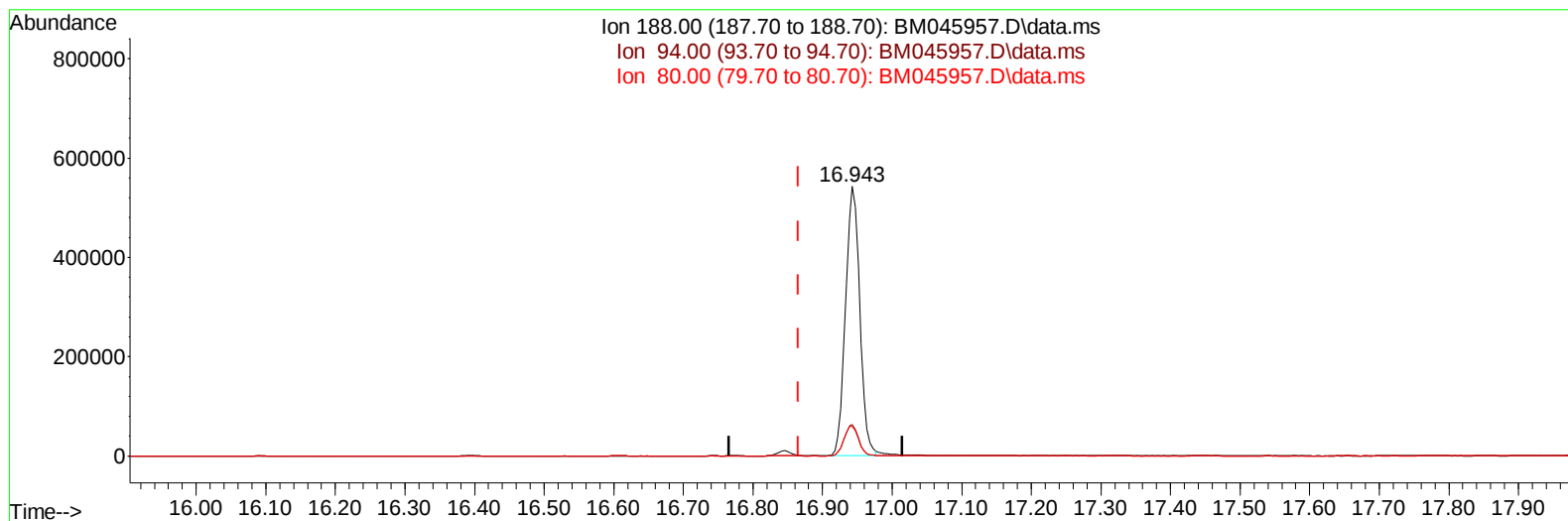
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(13) Phenanthrene-d10 (I)

16.943min (+ 0.077) 0.40 ng/u1

response 770776

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.65
80.00	11.70	11.03
0.00	0.00	0.00

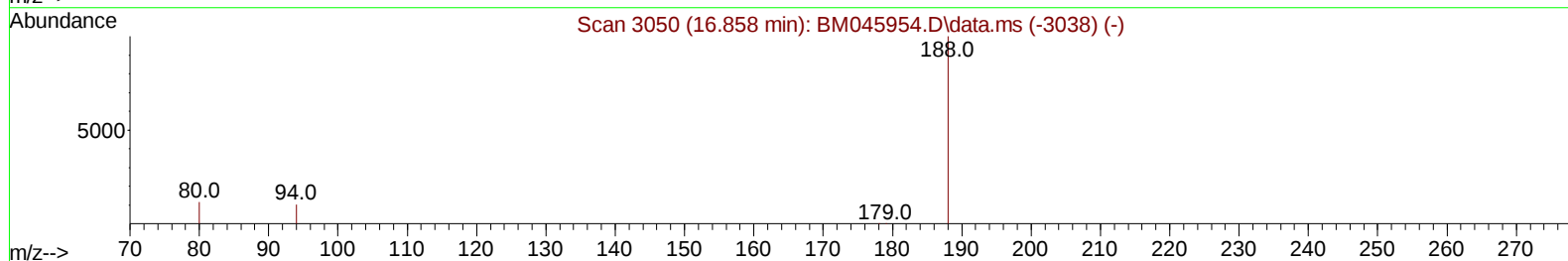
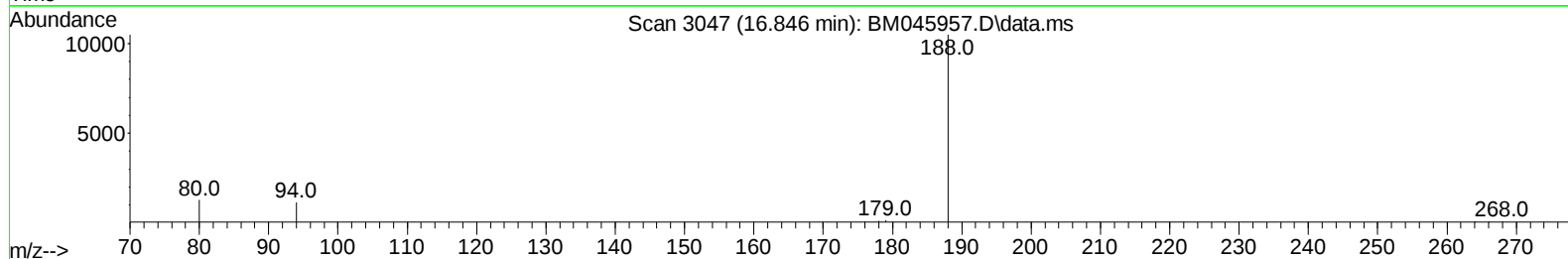
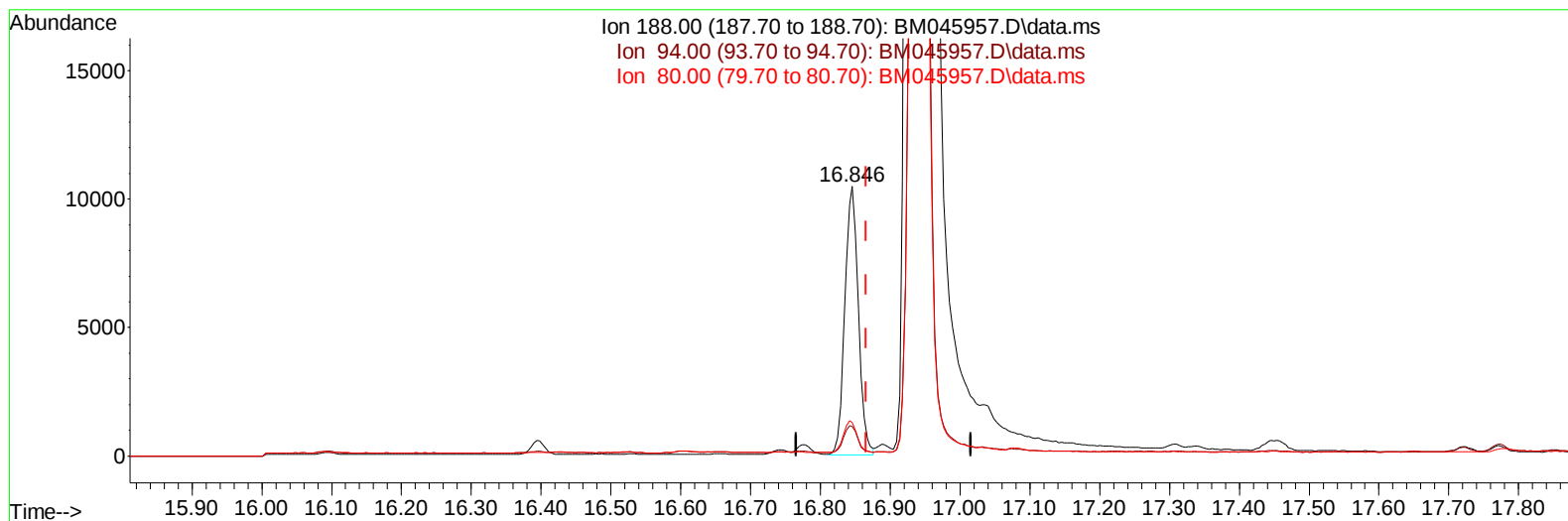
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(13) Phenanthrene-d10 (I)

16.846min (-0.020) 0.40 ng/u1 m

response 13944

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.02
80.00	11.70	12.30
0.00	0.00	0.00

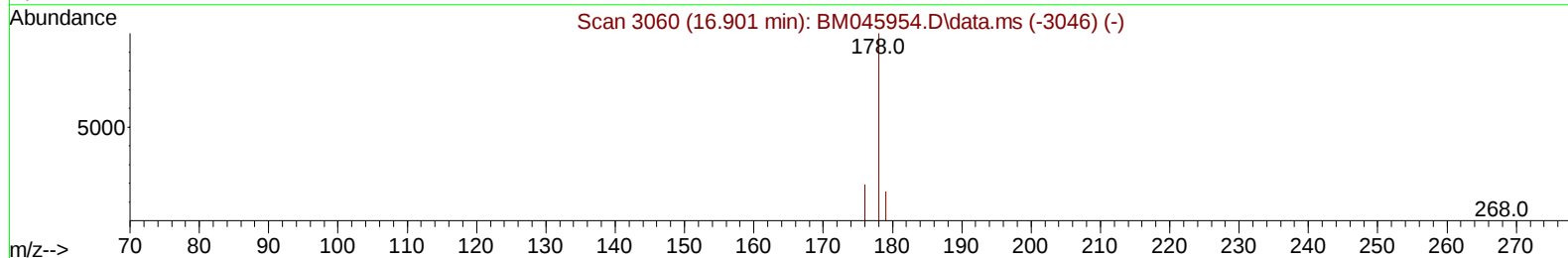
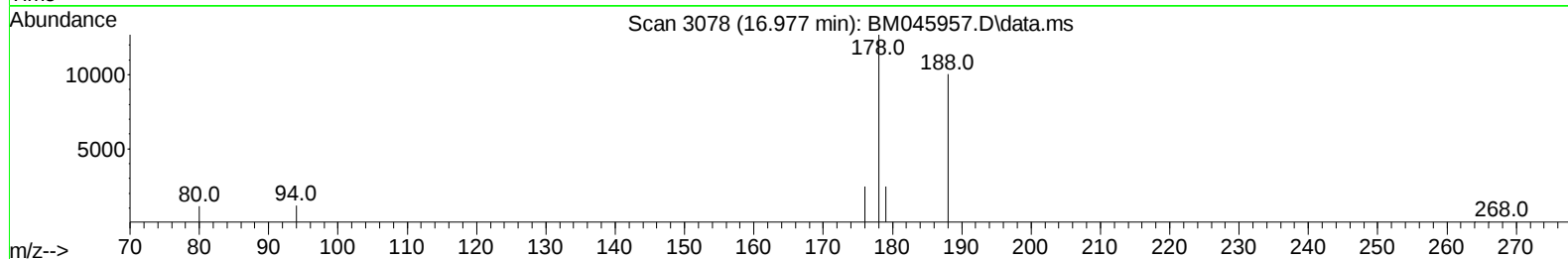
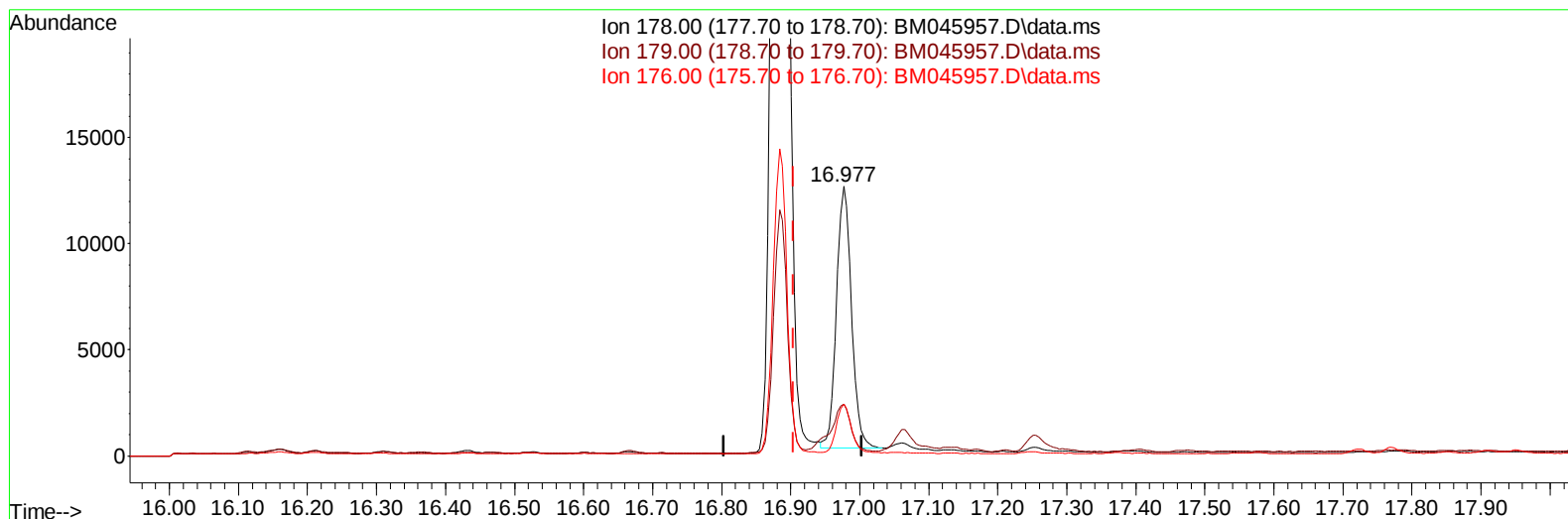
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(15) Phenanthrene

16.977min (+ 0.073) 0.47 ng/u1

response 18585

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	19.30#
176.00	19.50	19.22
0.00	0.00	0.00

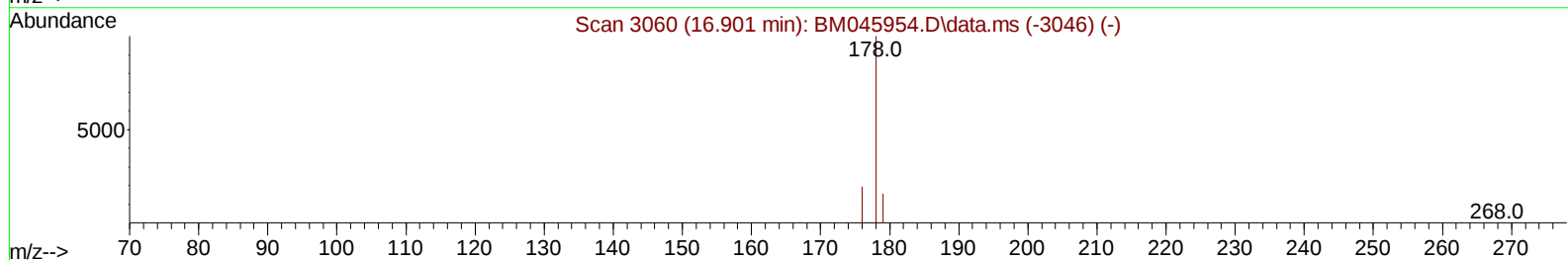
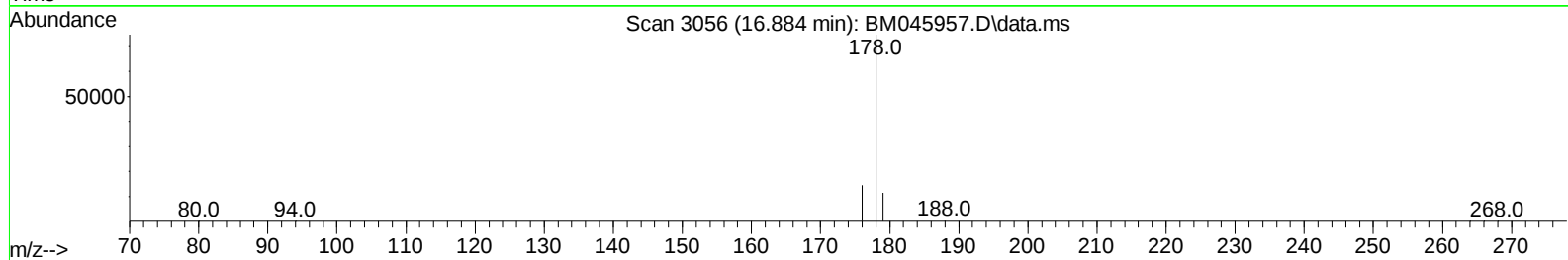
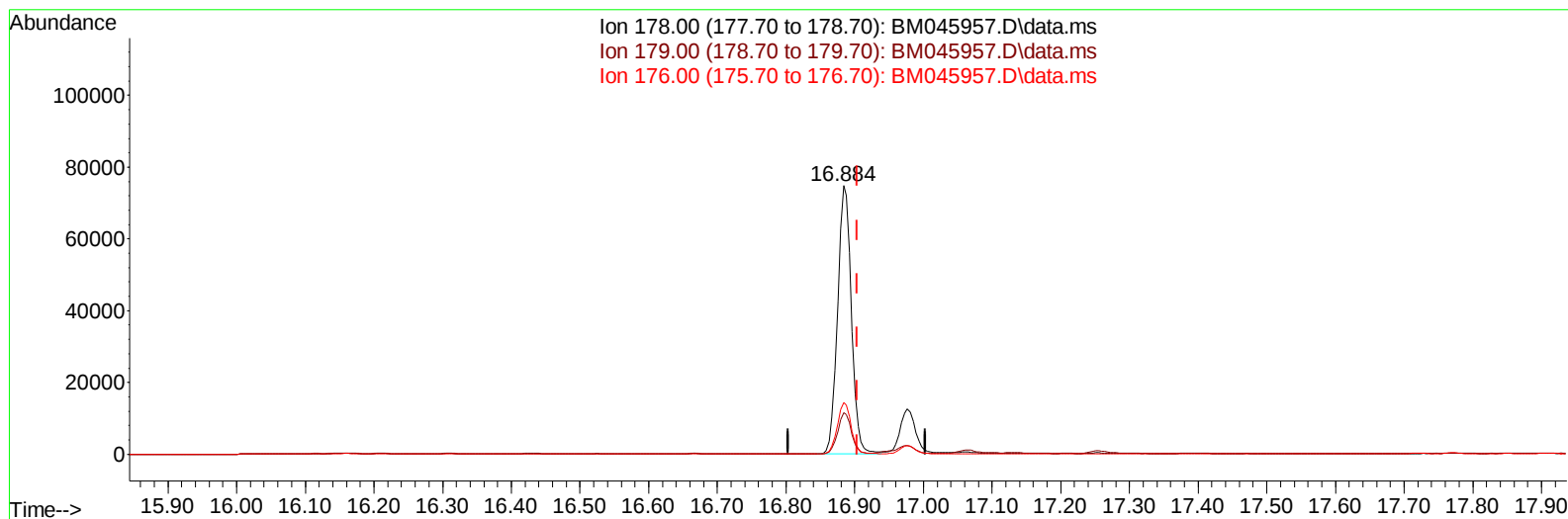
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(15) Phenanthrene

16.884min (-0.020) 2.68 ng/u1 m

response 104787

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.49
176.00	19.50	19.34
0.00	0.00	0.00

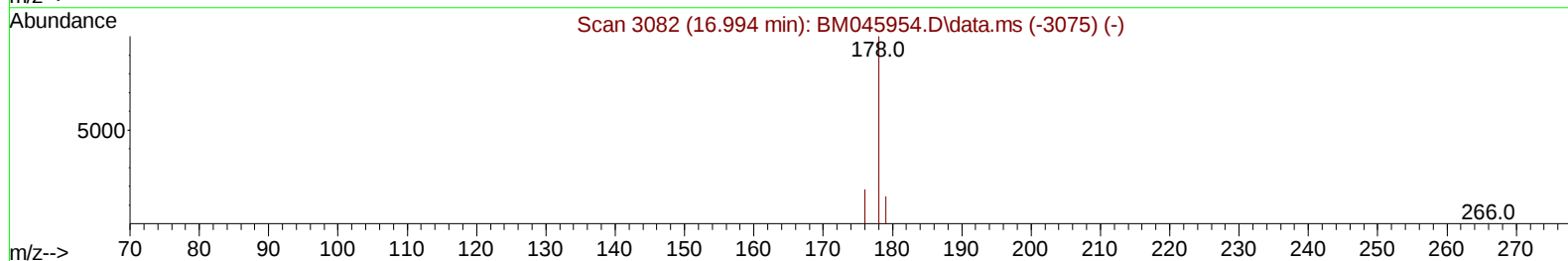
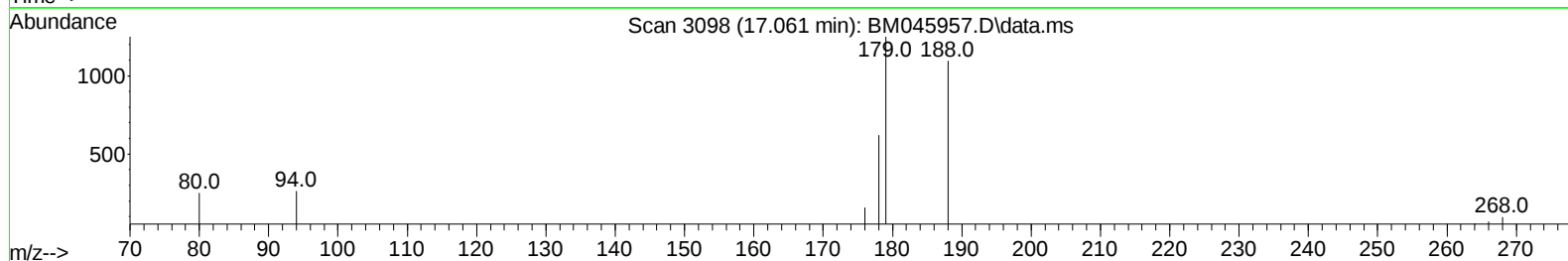
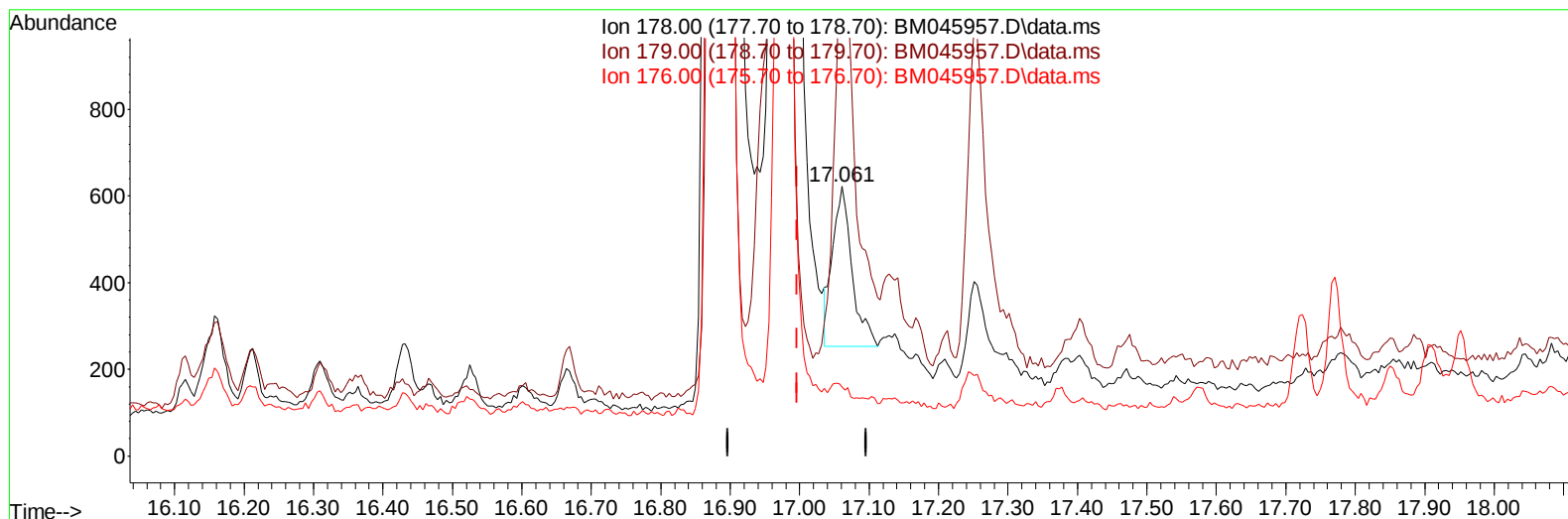
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
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TIC: BM045957.D\data.ms

(16) Anthracene

17.061min (+ 0.065) 0.02 ng/u1

response 720

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	200.96#
176.00	19.40	25.56#
0.00	0.00	0.00

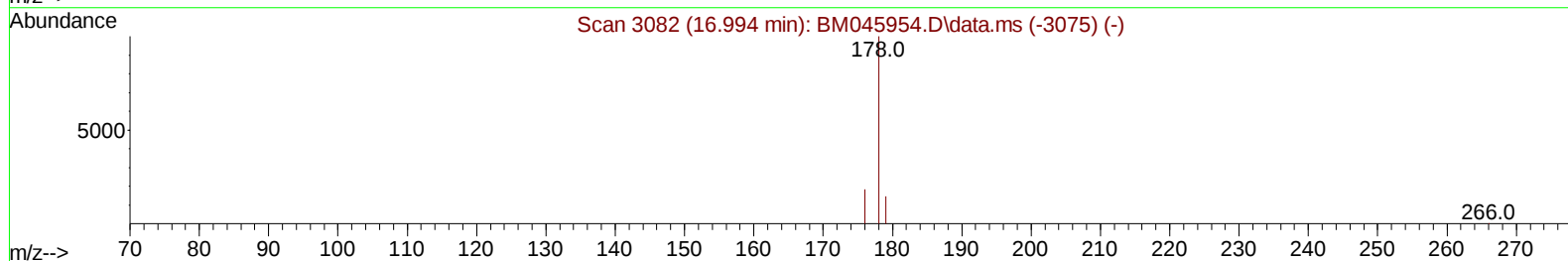
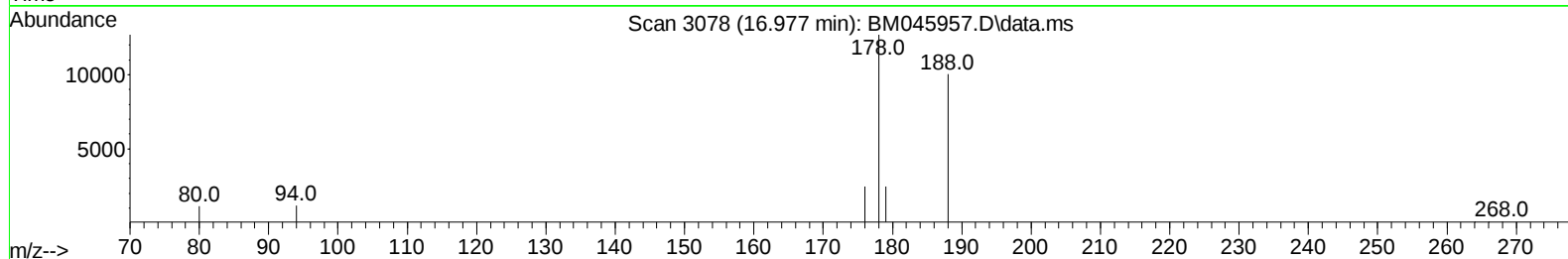
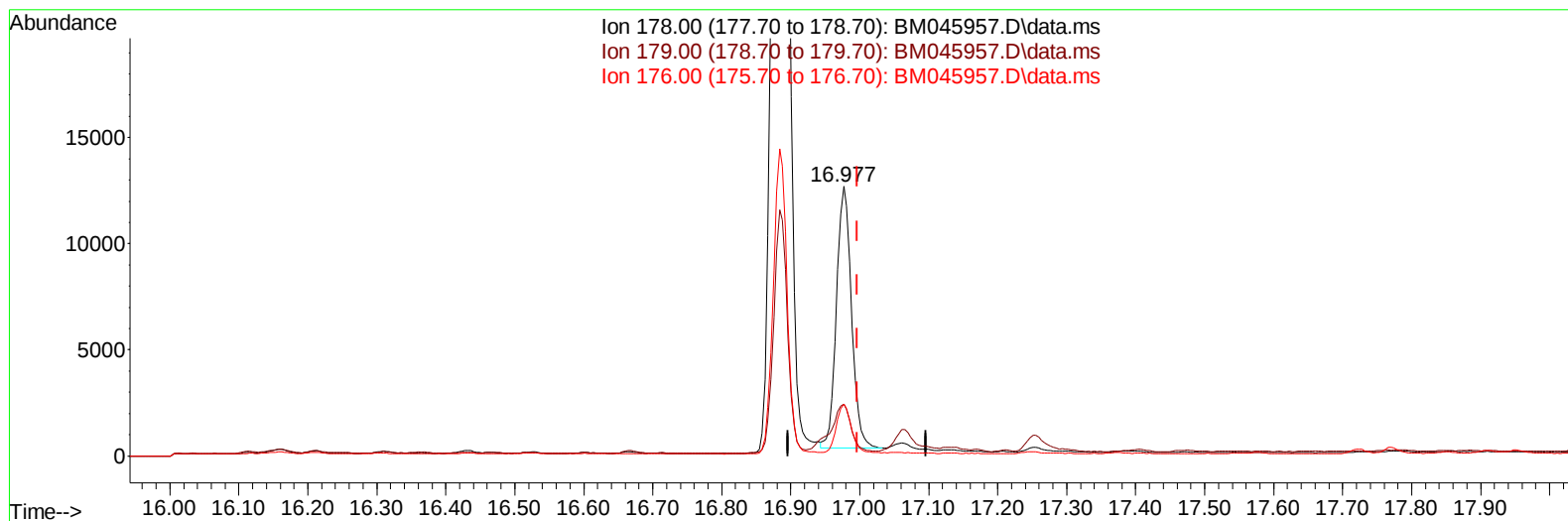
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Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

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TIC: BM045957.D\data.ms

(16) Anthracene

16.977min (-0.020) 0.56 ng/u1 m

response 18617

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	19.30
176.00	19.40	19.22
0.00	0.00	0.00

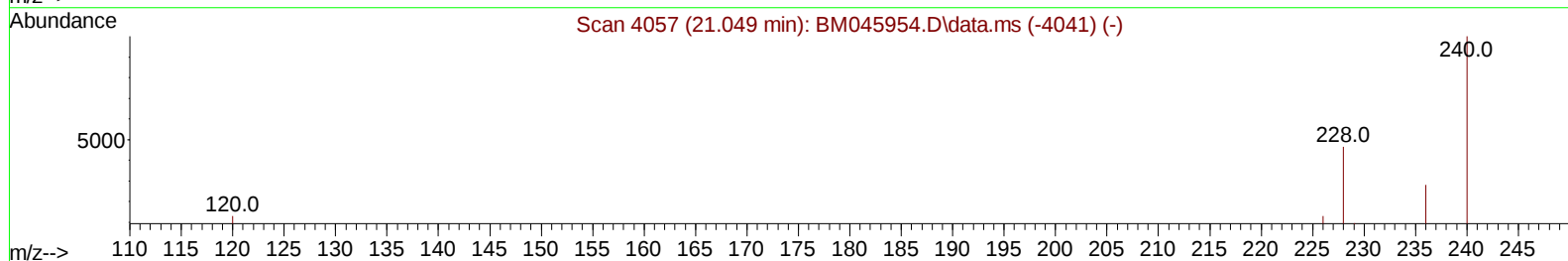
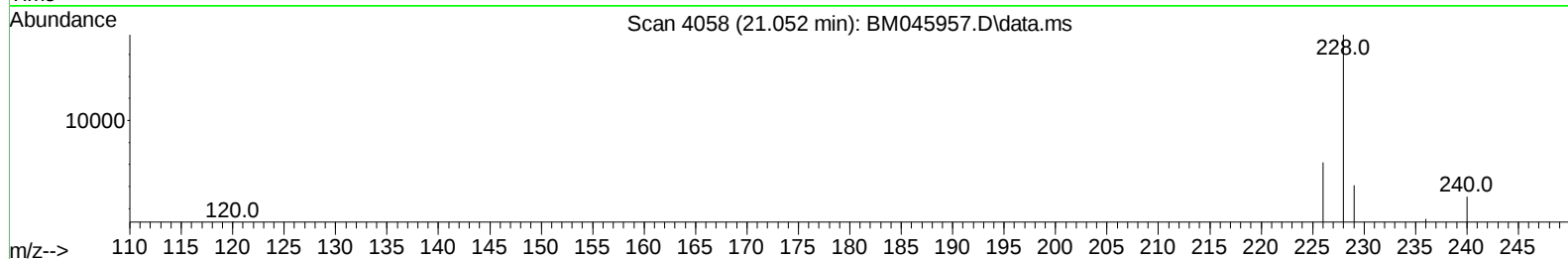
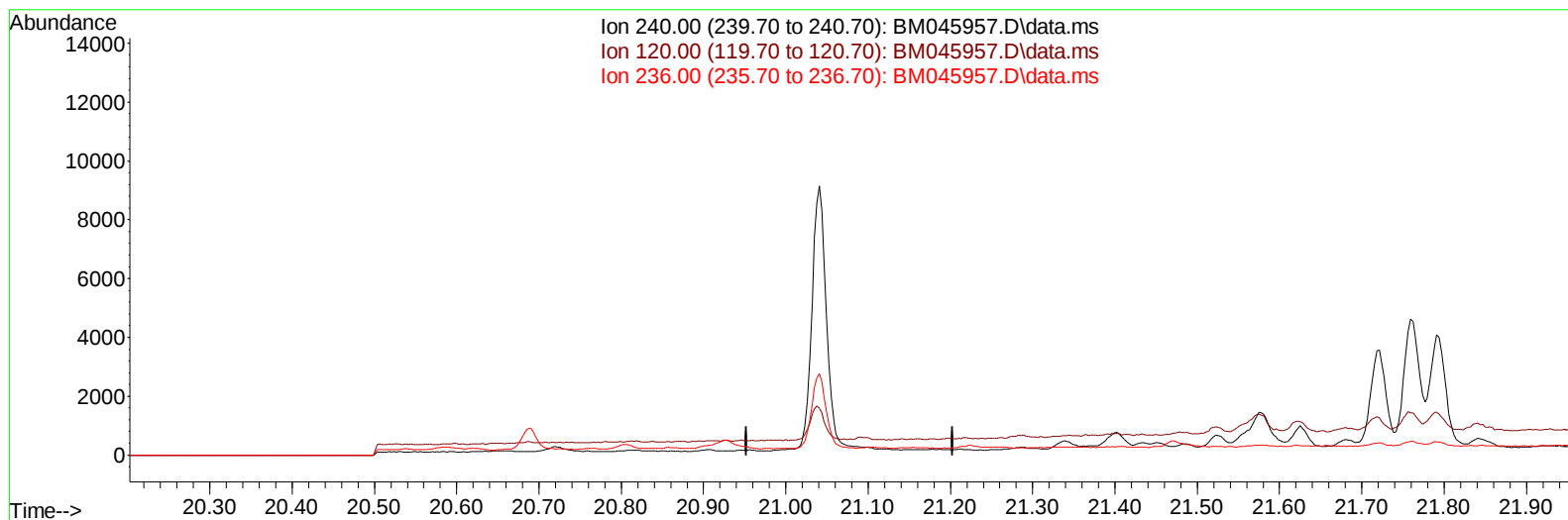
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

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TIC: BM045957.D\data.ms

(17) Chrysene-d12

21.053min (-21.053) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.10	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

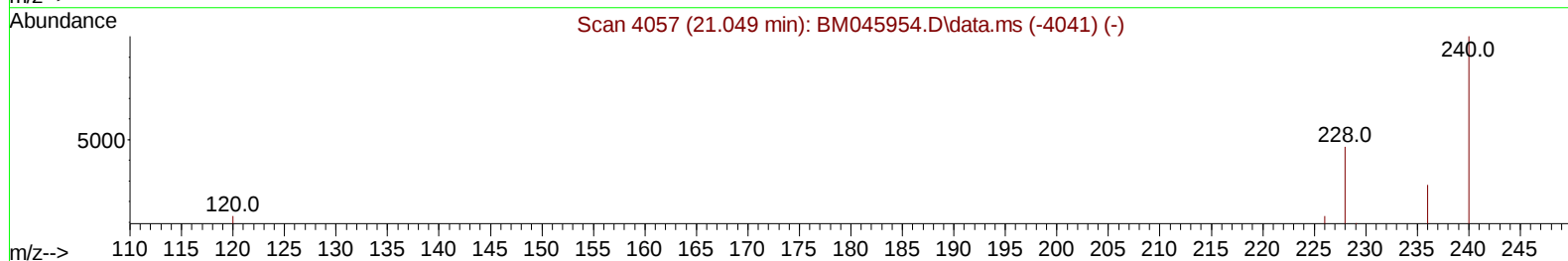
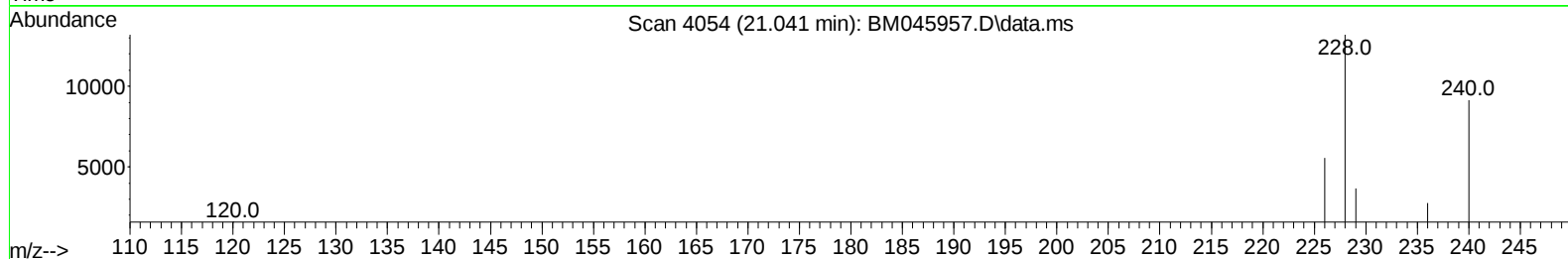
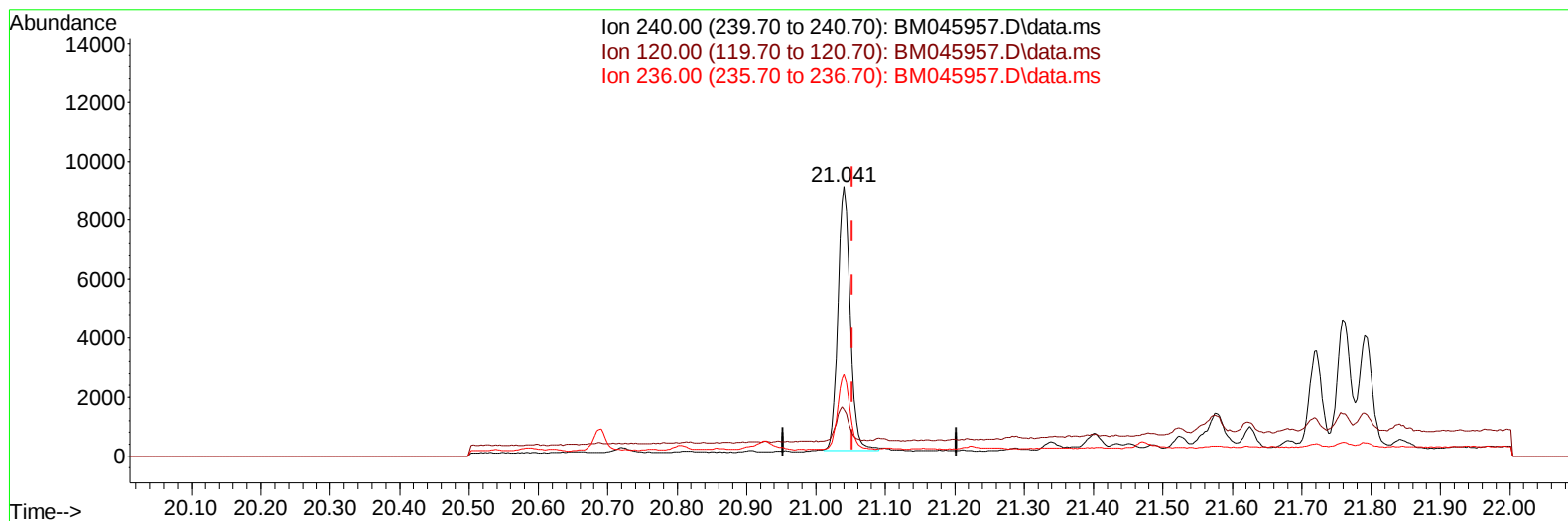
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(17) Chrysene-d12

21.041min (-0.012) 0.40 ng/ul m

response 10931

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	17.34
236.00	29.50	30.43
0.00	0.00	0.00

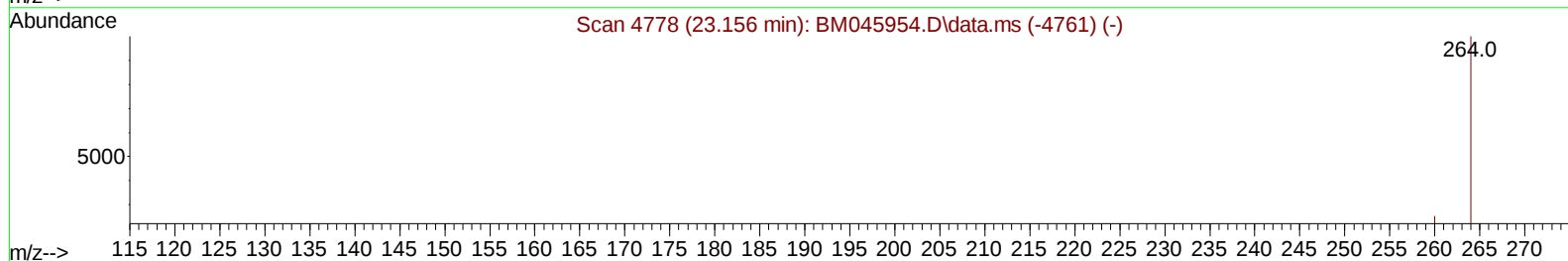
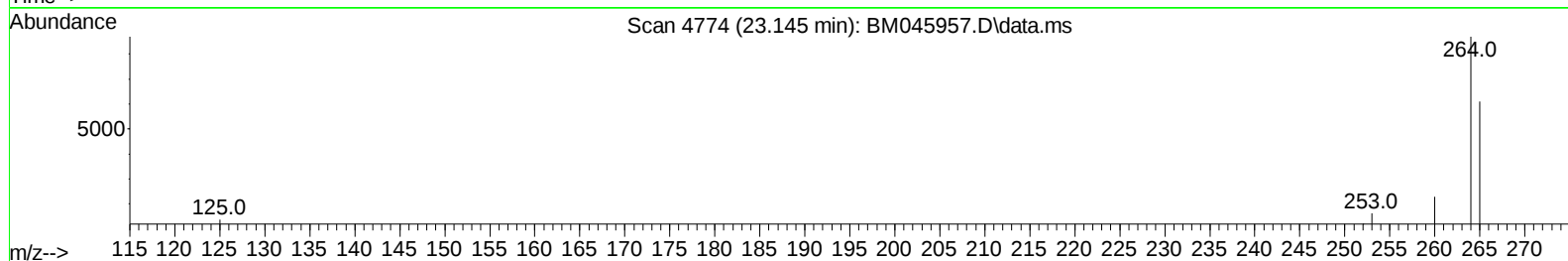
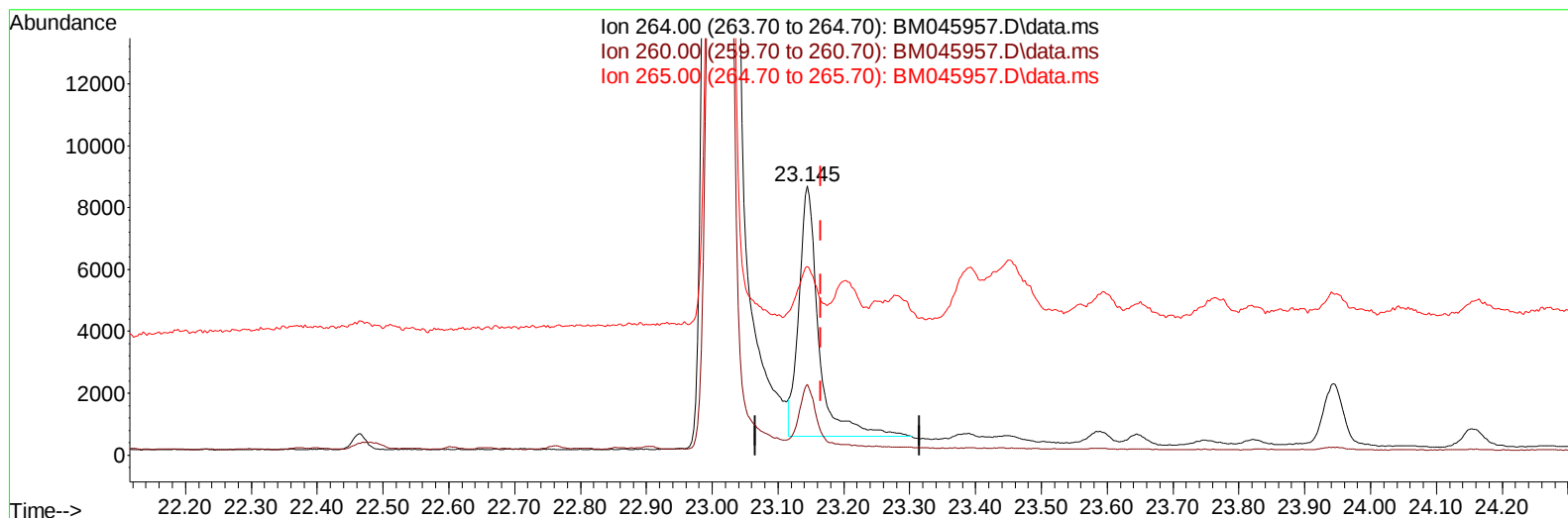
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045957.D\data.ms

(23) Perylene-d12 (I)

23.145min (-0.021) 0.40 ng/u1

response 17026

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.28
265.00	76.60	70.27
0.00	0.00	0.00

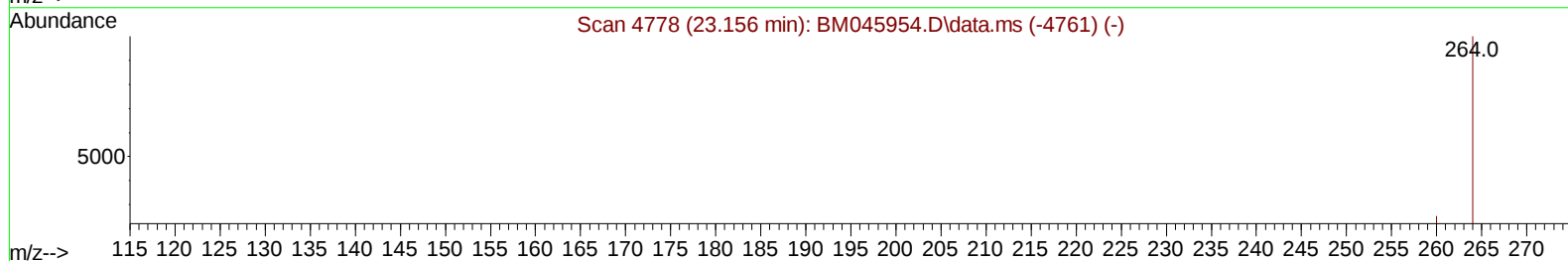
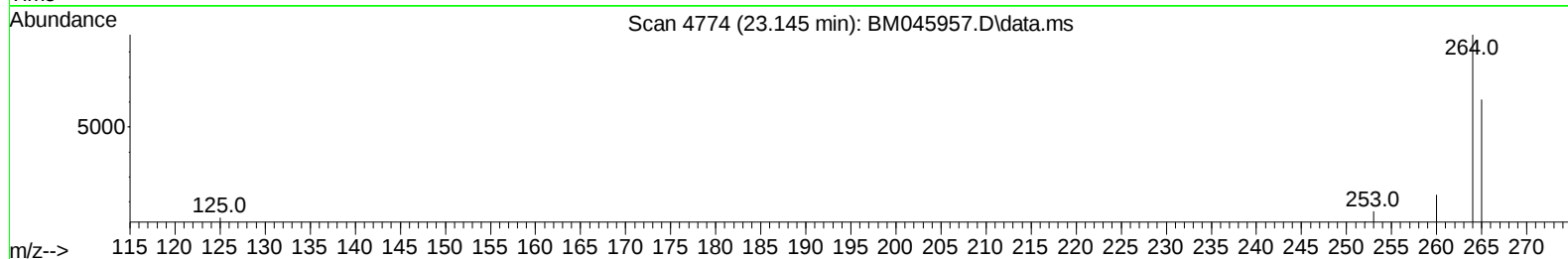
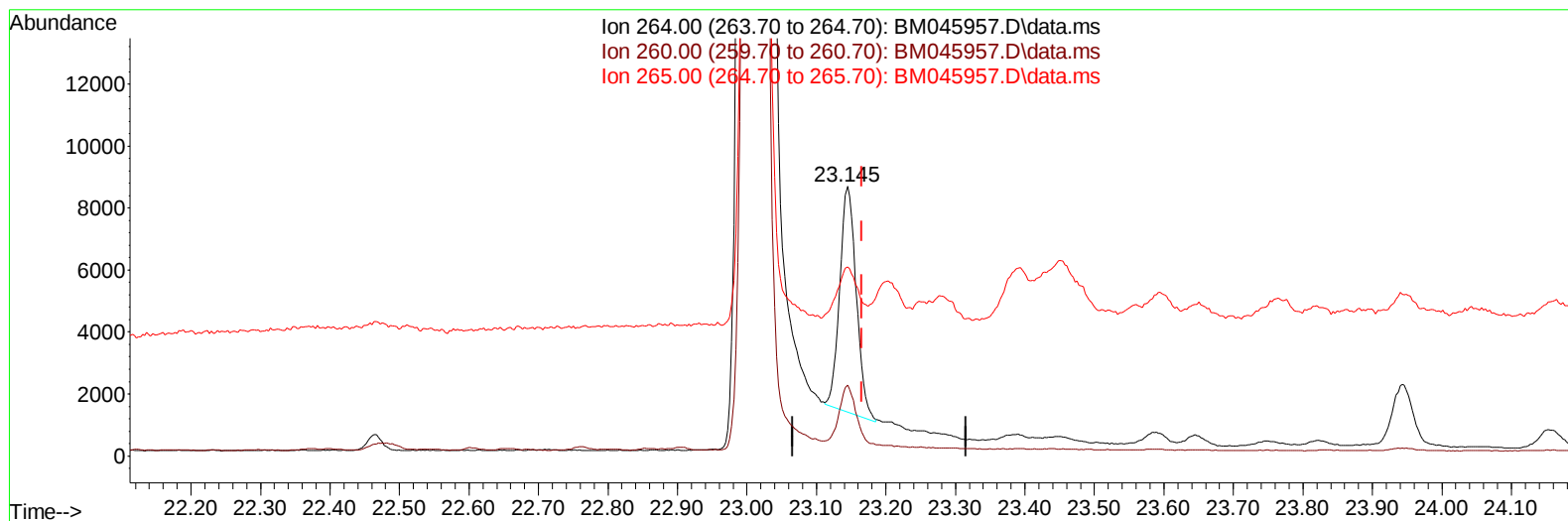
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(23) Perylene-d12 (I)

23.145min (-0.021) 0.40 ng/ul m

response 12038

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.28
265.00	76.60	70.27
0.00	0.00	0.00

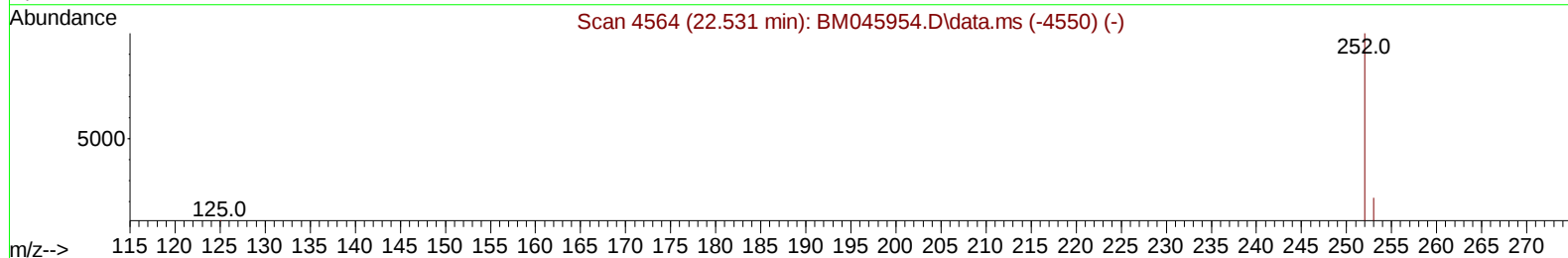
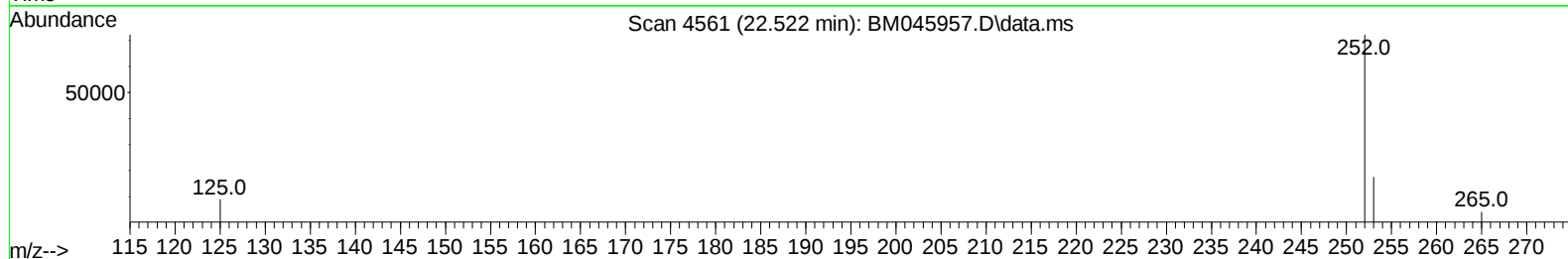
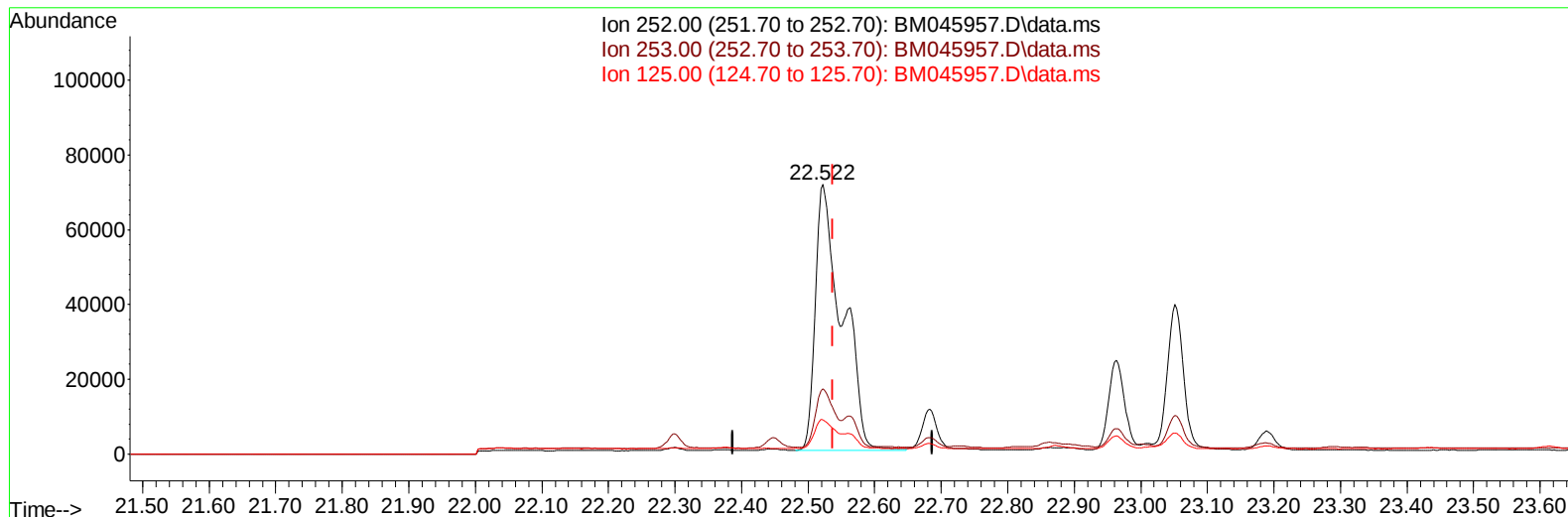
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045957.D\data.ms

(24) Benzo(b)fluoranthene

22.522min (-0.015) 4.93 ng/u1

response 196958

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	24.16
125.00	17.90	12.52
0.00	0.00	0.00

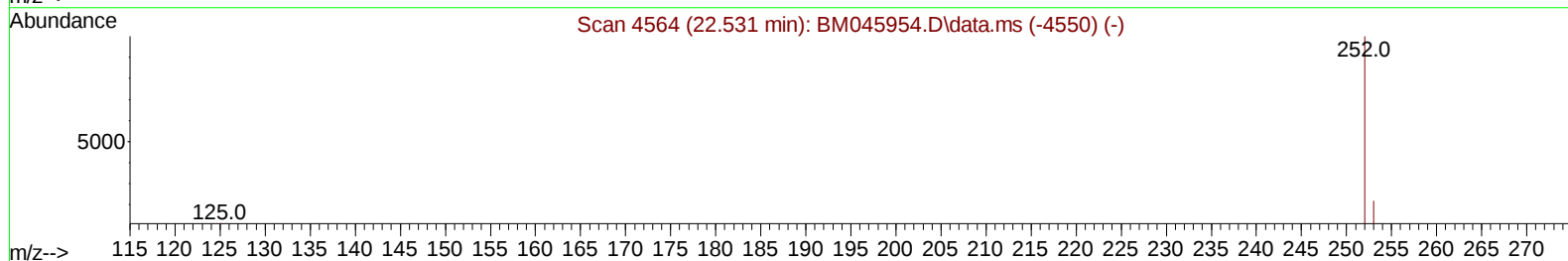
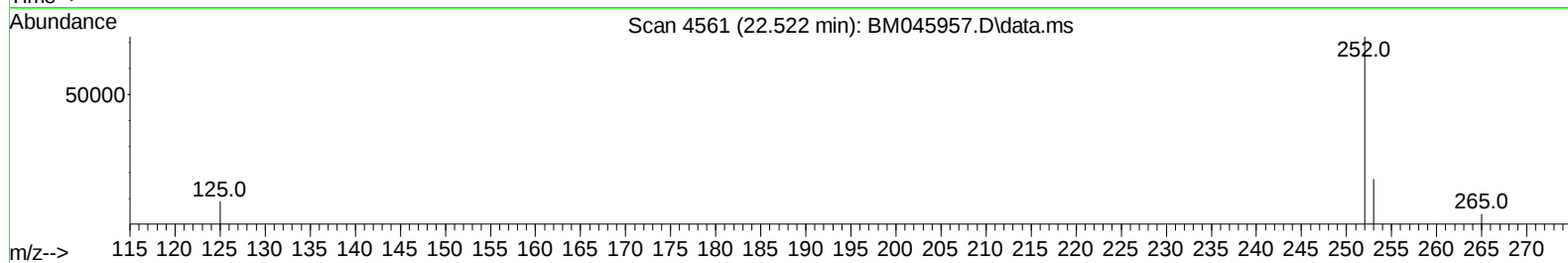
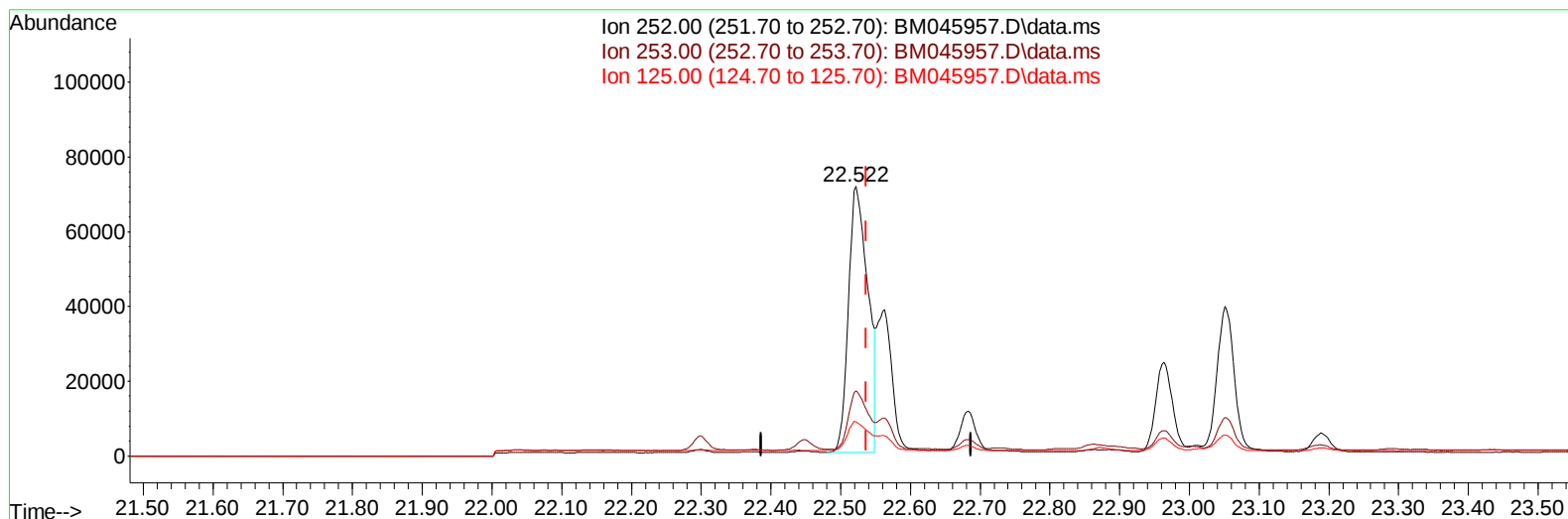
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(24) Benzo(b)fluoranthene

22.522min (-0.015) 3.45 ng/u1 m

response 137719

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	24.16
125.00	17.90	12.52
0.00	0.00	0.00

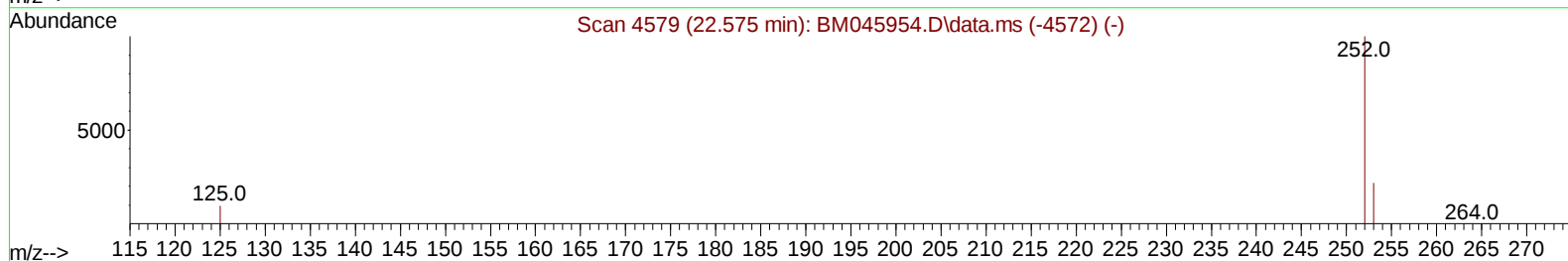
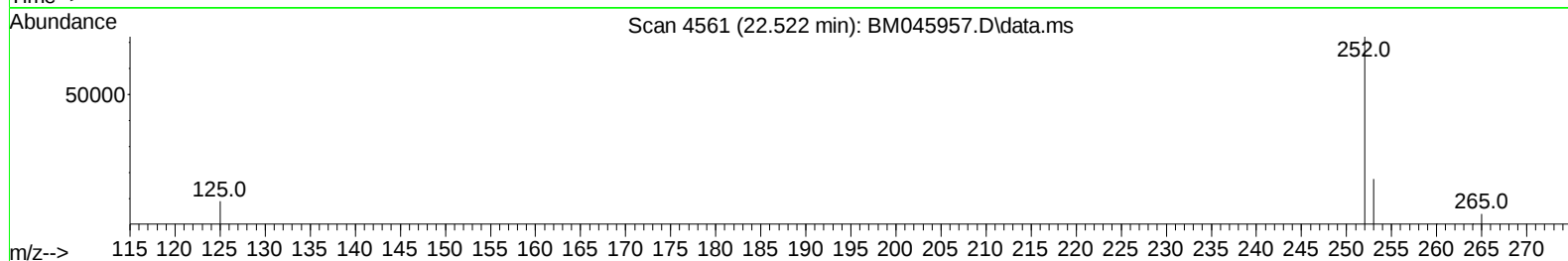
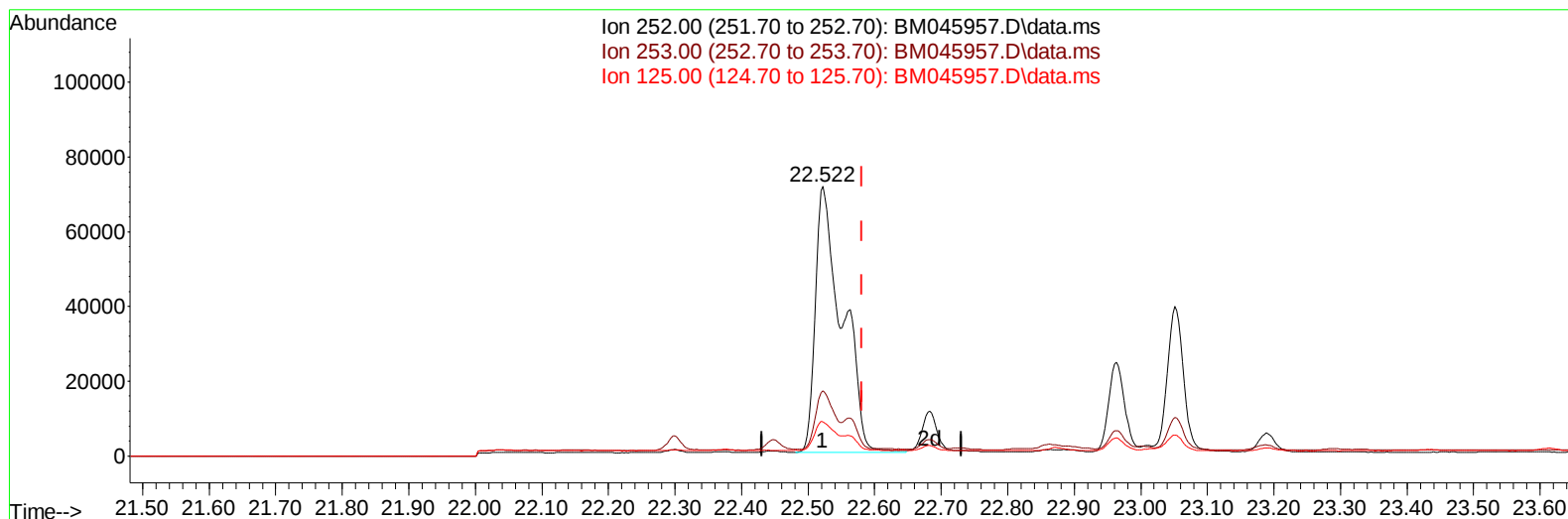
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
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 Operator : MA/JU
 Sample : P2642-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B35

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 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(25) Benzo(k)fluoranthene

22.522min (-0.059) 4.49 ng/u1

response 196958

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	24.16#
125.00	17.70	12.52#
0.00	0.00	0.00

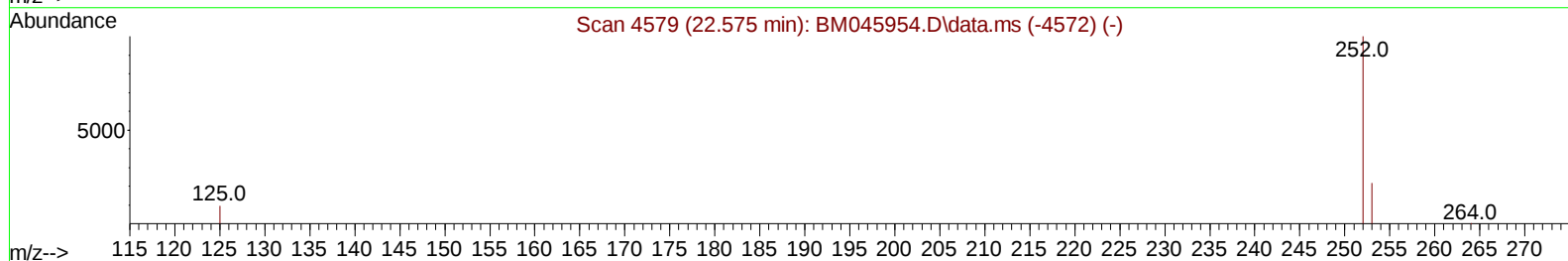
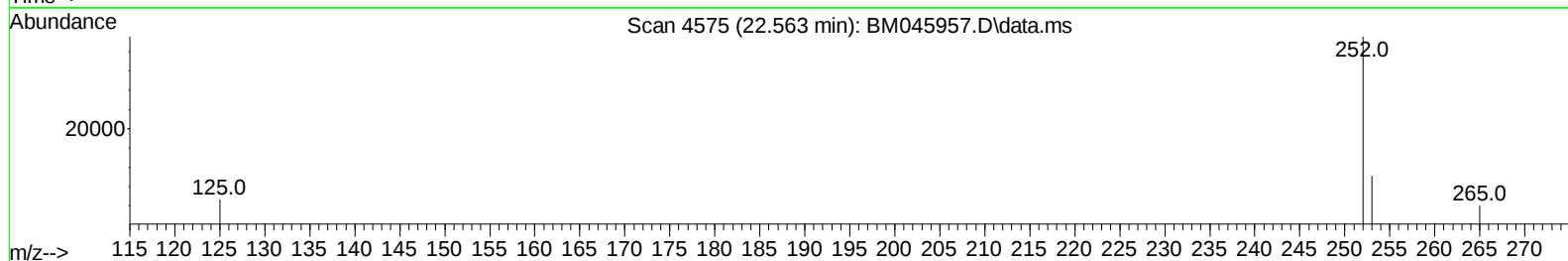
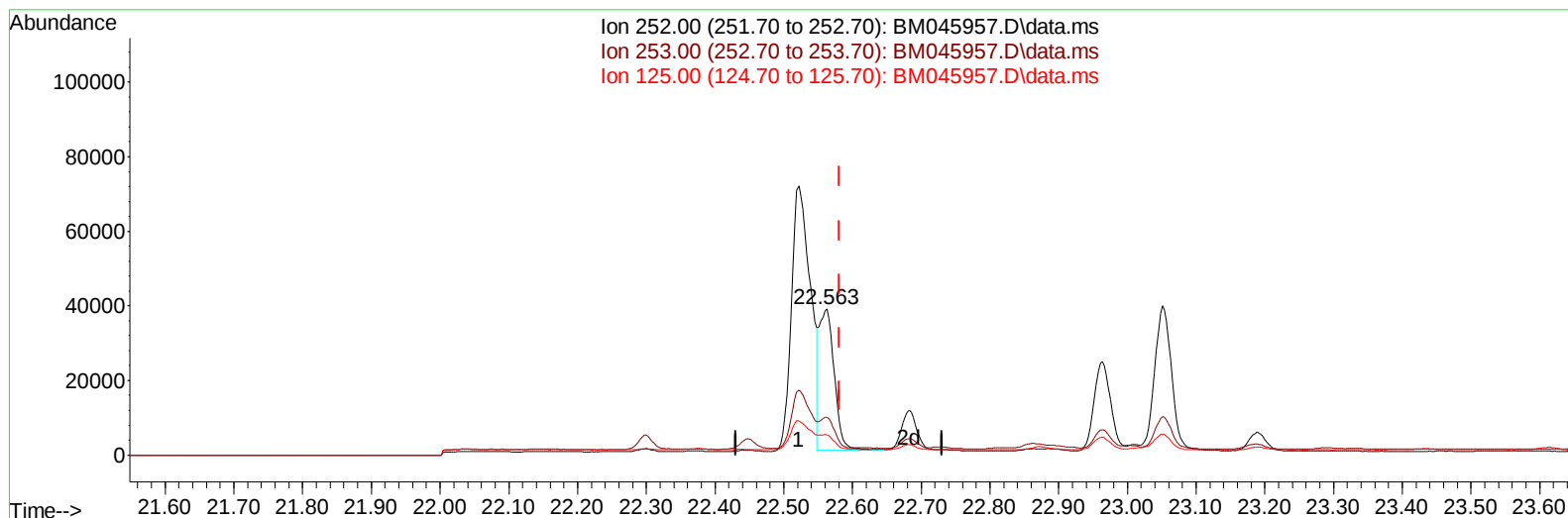
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
Operator : MA/JU
Sample : P2642-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B35

Manual IntegrationsAPPROVED

Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045957.D\data.ms

(25) Benzo(k)fluoranthene

22.563min (-0.018) 1.30 ng/u1 m

response 57041

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	26.06
125.00	17.70	13.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	4462	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	14386	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.104	164	7238	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	13944m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	10931m	0.400	ng/ul	-0.01
23) Perylene-d12	23.145	264	12038m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	23942	4.711	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	5376	0.260	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	9742	0.298	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	3846	0.102	ng/ul#	93
7) 2-Methylnaphthalene	11.910	142	1304	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.130	142	1171	0.045	ng/ul	94
10) Acenaphthylene	13.822	152	4525	0.137	ng/ul#	96
11) Acenaphthene	14.164	153	4220	0.174	ng/ul	97
12) Fluorene	15.154	166	4837	0.179	ng/ul	98
15) Phenanthrene	16.884	178	104787m	2.677	ng/ul	
16) Anthracene	16.977	178	18617m	0.558	ng/ul	
19) Fluoranthene	18.905	202	218653	5.016	ng/ul	99
20) Pyrene	19.272	202	163326	3.592	ng/ul	95
21) Benzo(a)anthracene	21.023	228	94978	2.367	ng/ul	98
22) Chrysene	21.076	228	105523	2.416	ng/ul	99
24) Benzo(b)fluoranthene	22.522	252	137719m	3.449	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	57041m	1.300	ng/ul	
26) Benzo(a)pyrene	23.051	252	66407	1.672	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.202	276	60817	1.184	ng/ul	91
28) Dibenzo(a,h)anthracene	25.209	278	16502	0.402	ng/ul	94
29) Benzo(g,h,i)perylene	25.836	276	10094	0.228	ng/ul#	90

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

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