

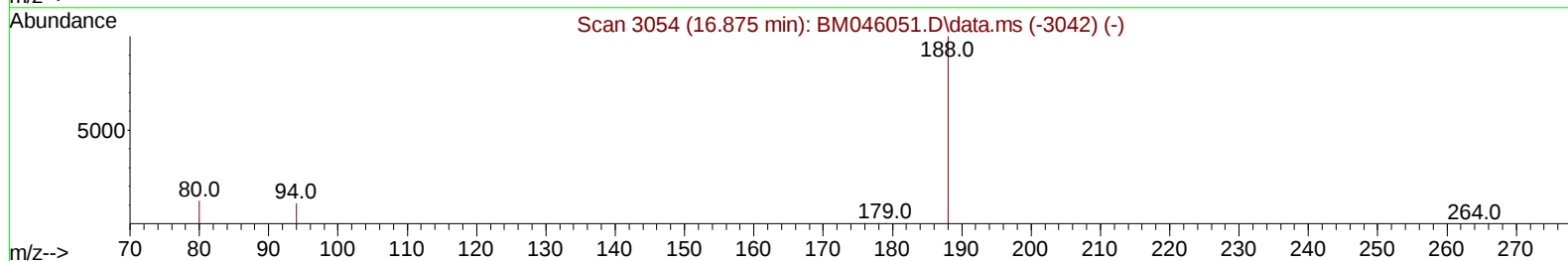
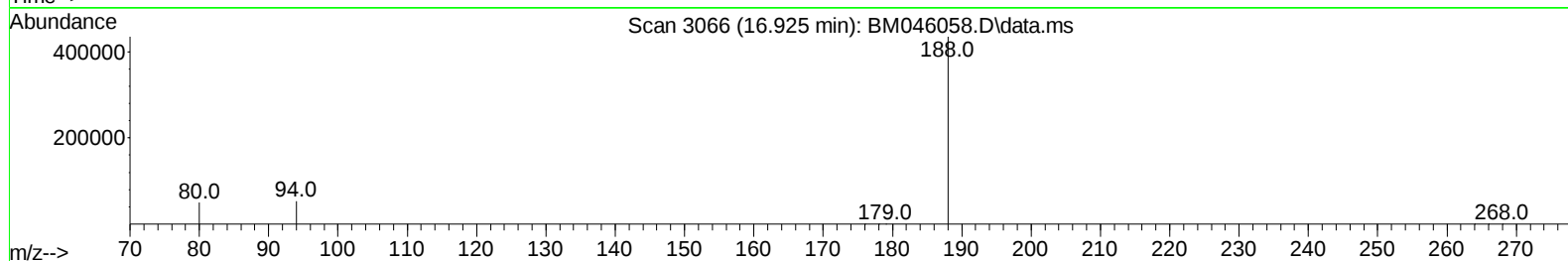
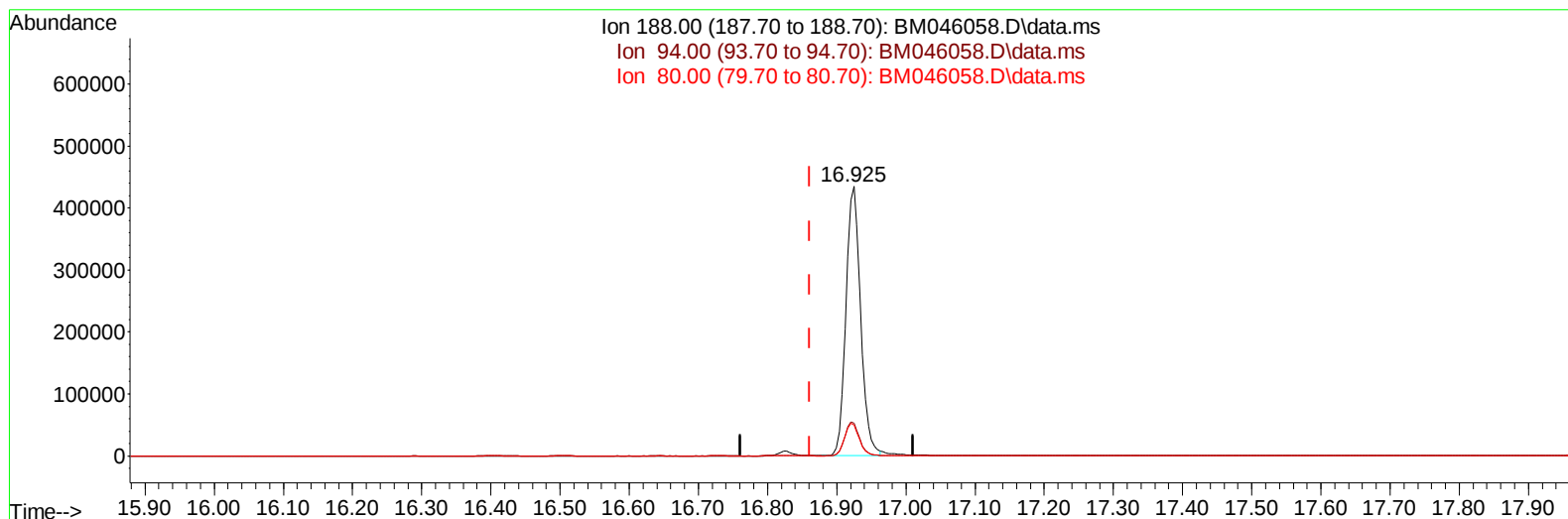
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(13) Phenanthrene-d10 (I)

16.925min (+ 0.063) 0.40 ng/u1

response 640658

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.17
80.00	15.20	11.44#
0.00	0.00	0.00

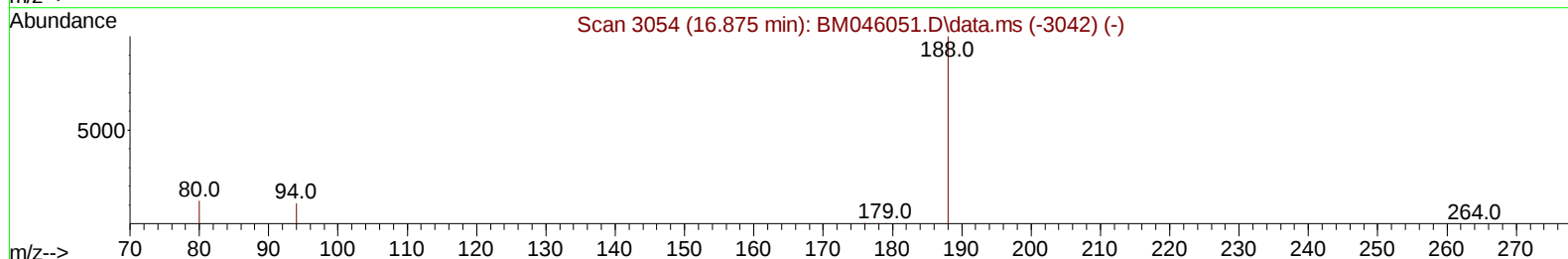
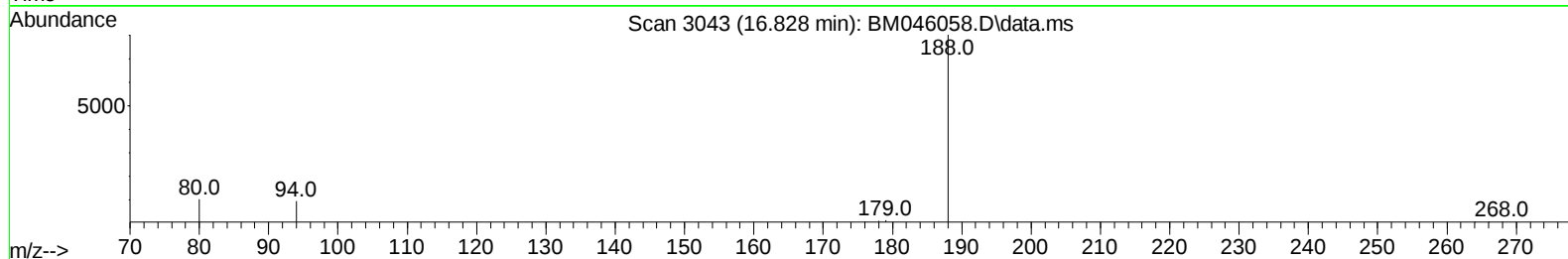
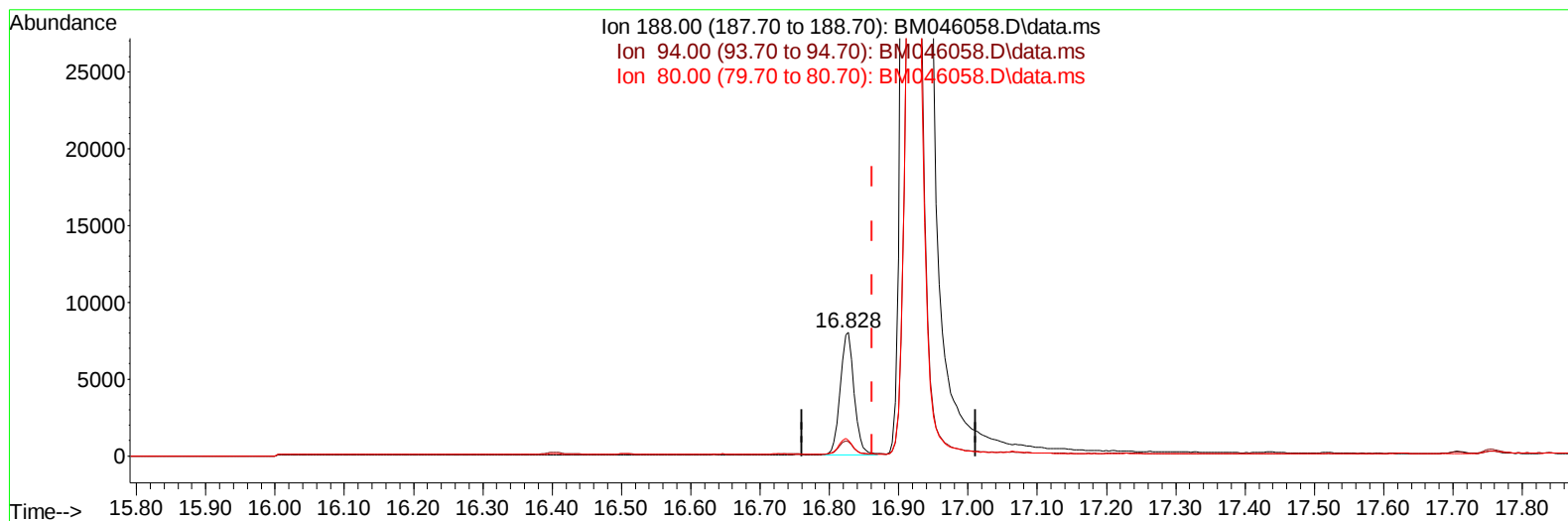
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(13) Phenanthrene-d10 (I)

16.828min (-0.034) 0.40 ng/u1 m

response 11111

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.85
80.00	15.20	12.65
0.00	0.00	0.00

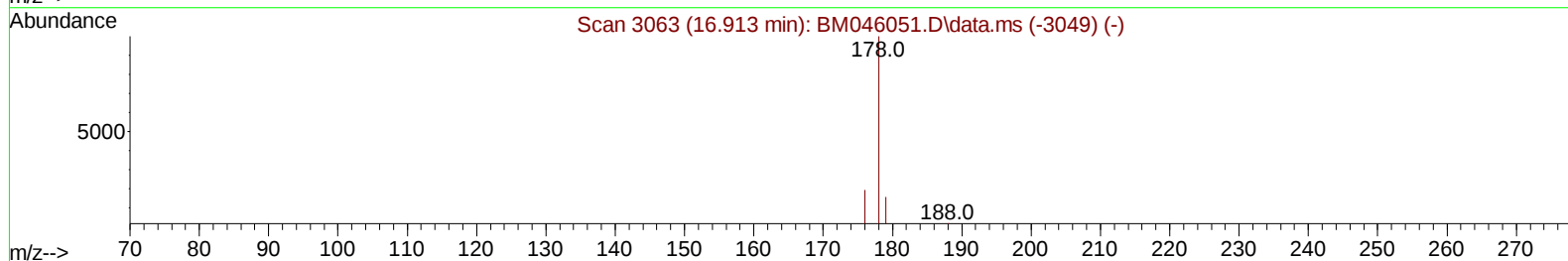
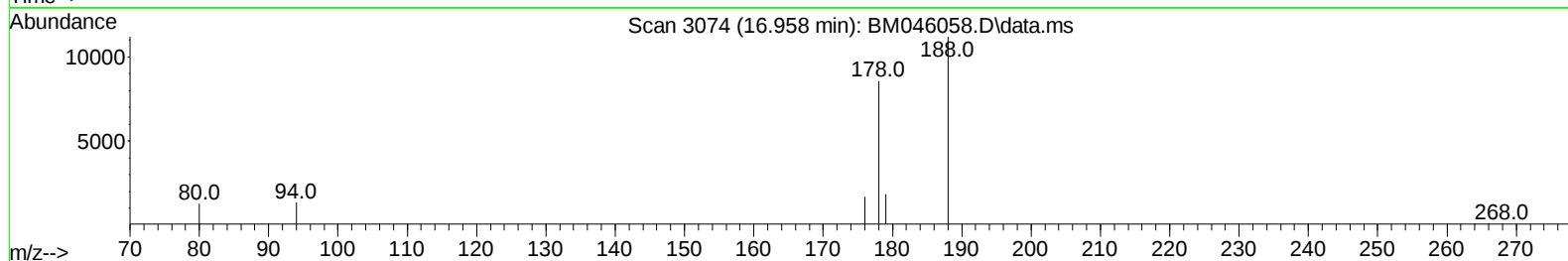
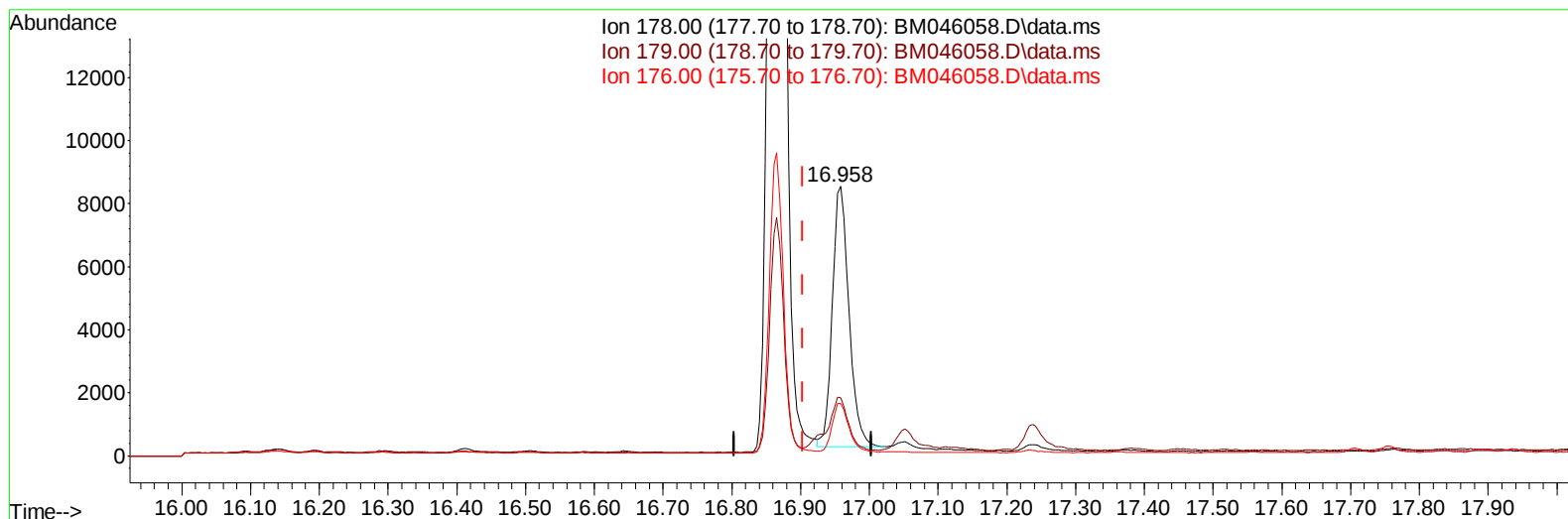
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(15) Phenanthrene

16.958min (+ 0.055) 0.44 ng/u1

response 13785

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.63#
176.00	21.40	19.49
0.00	0.00	0.00

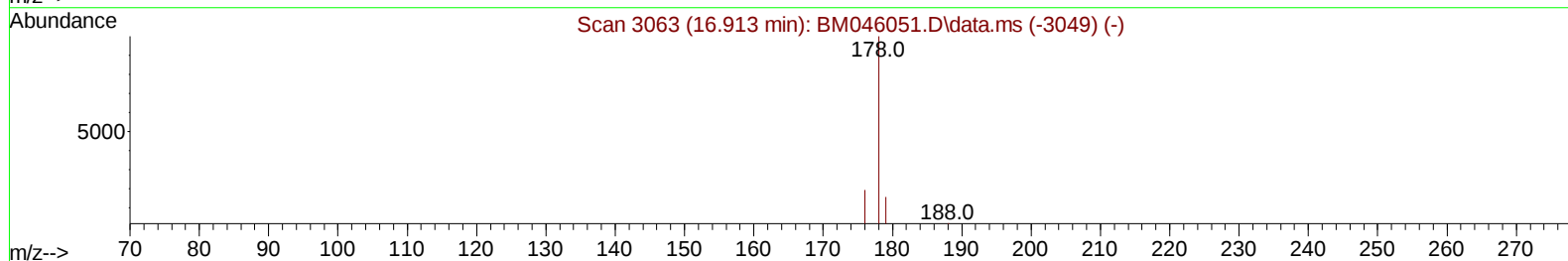
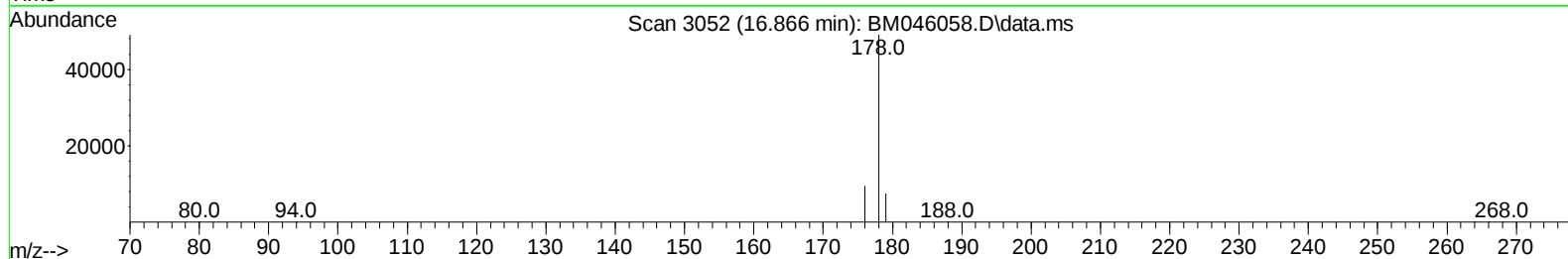
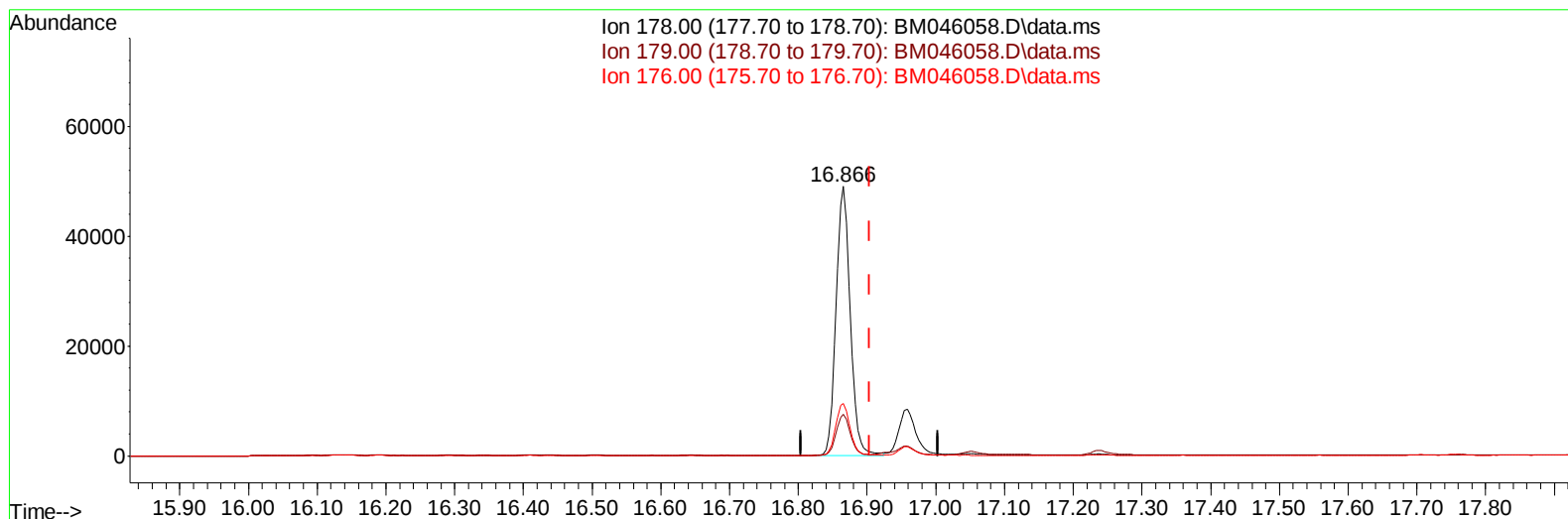
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046058.D
 Acq On : 18 Jun 2024 19:25
 Operator : MA/JU
 Sample : P2695-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(15) Phenanthrene

16.866min (-0.038) 2.24 ng/ul m

response 69824

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.41
176.00	21.40	19.59
0.00	0.00	0.00

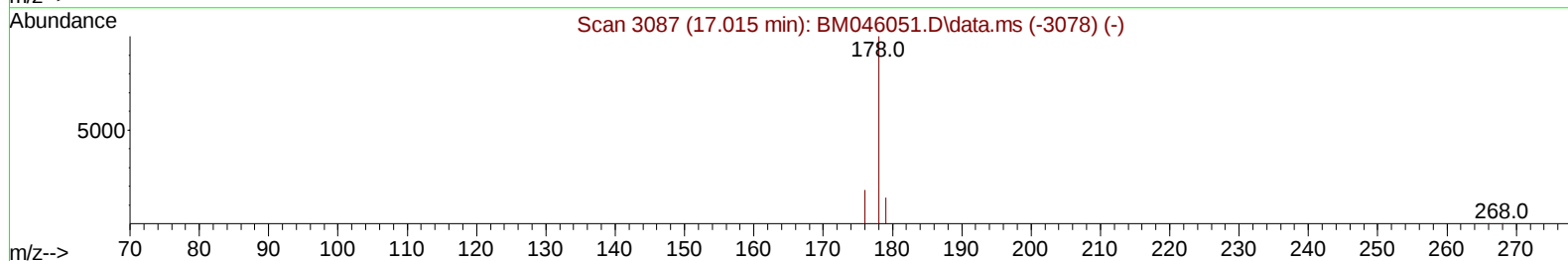
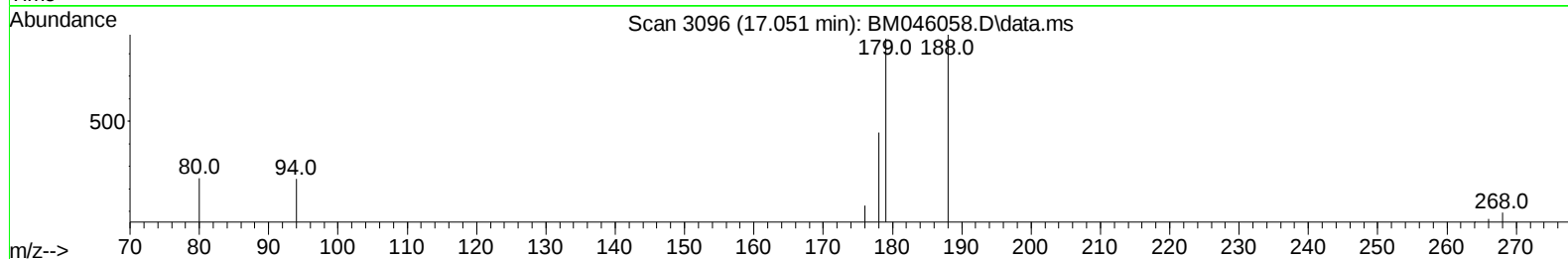
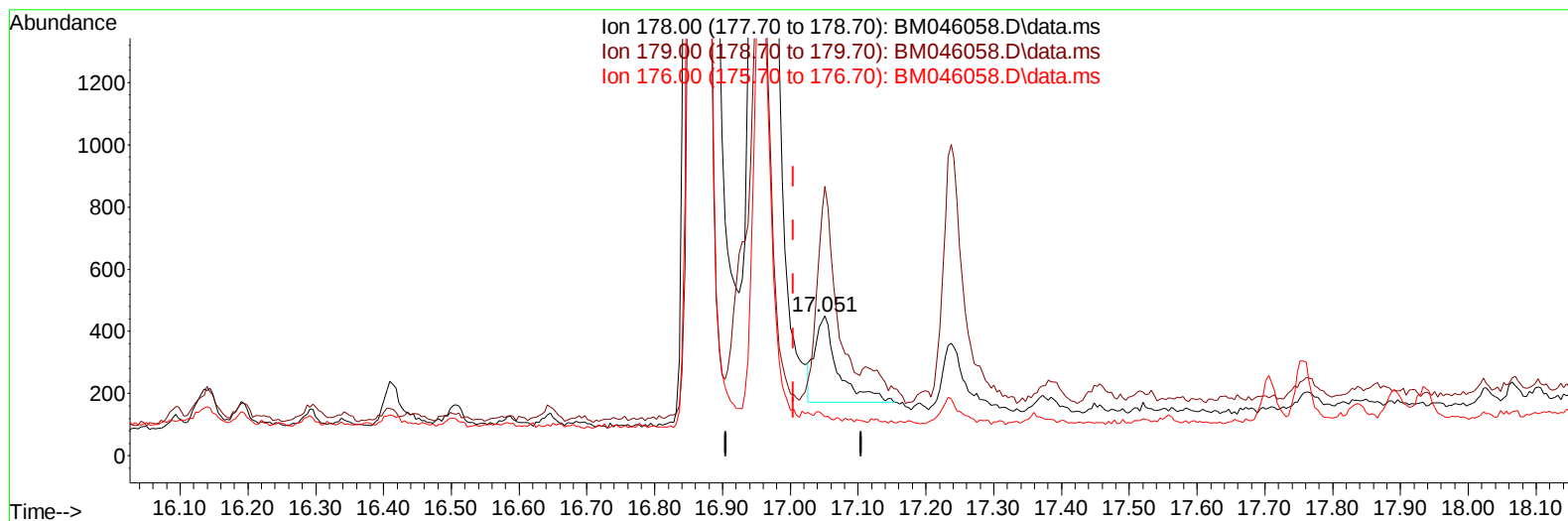
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046058.D
 Acq On : 18 Jun 2024 19:25
 Operator : MA/JU
 Sample : P2695-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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 QLast Update : Tue Jun 18 13:58:29 2024
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 Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(16) Anthracene

17.051min (+ 0.046) 0.03 ng/u1

response 657

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	192.87#
176.00	21.20	27.84#
0.00	0.00	0.00

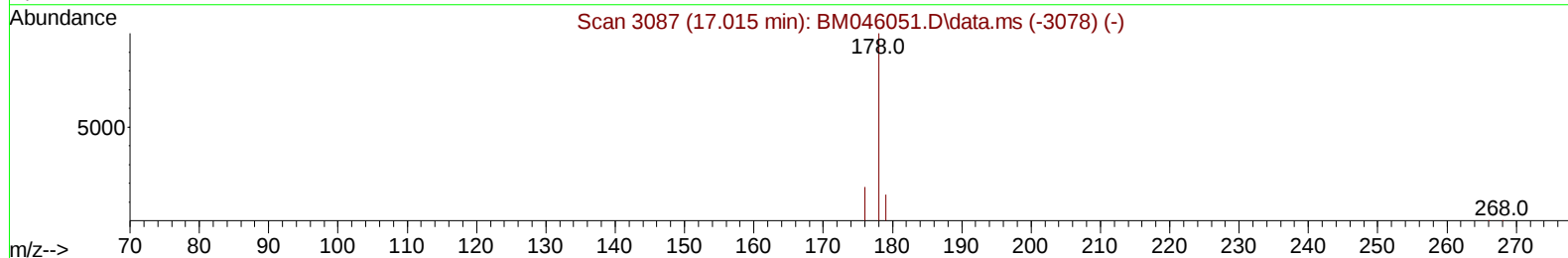
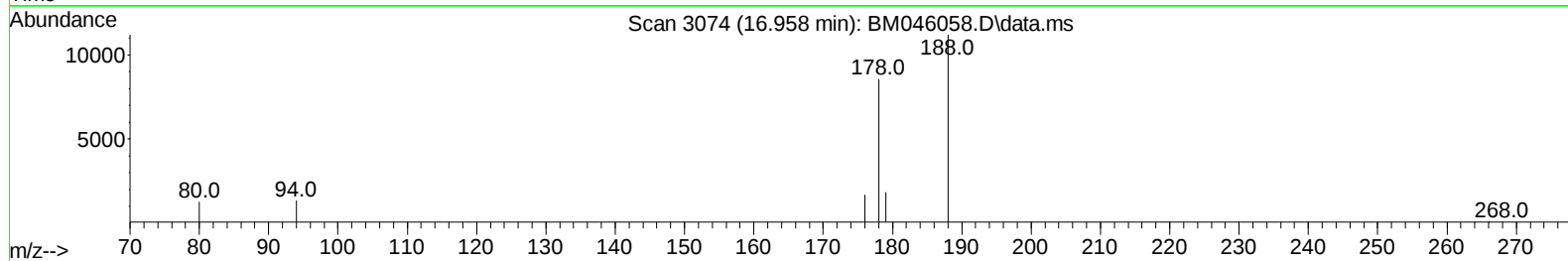
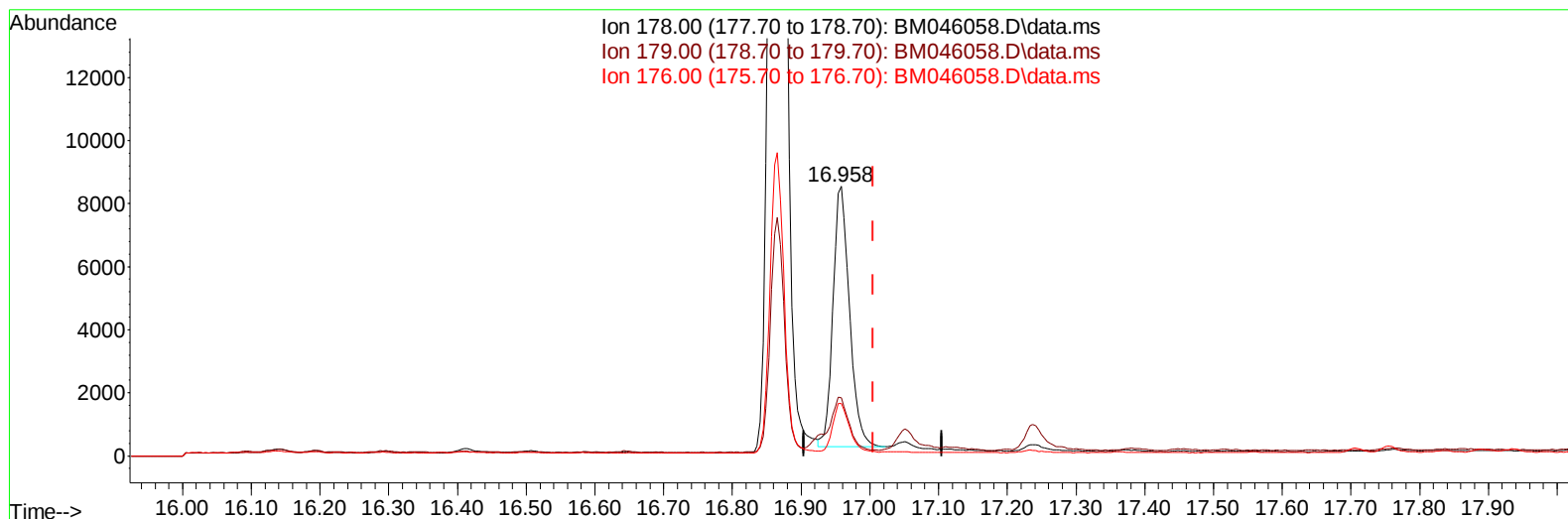
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(16) Anthracene

16.958min (-0.046) 0.59 ng/u1 m

response 13831

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	21.63
176.00	21.20	19.49
0.00	0.00	0.00

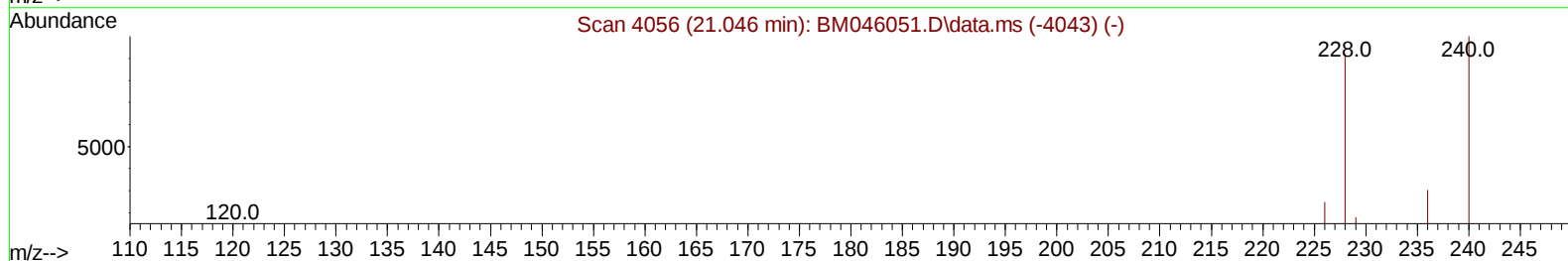
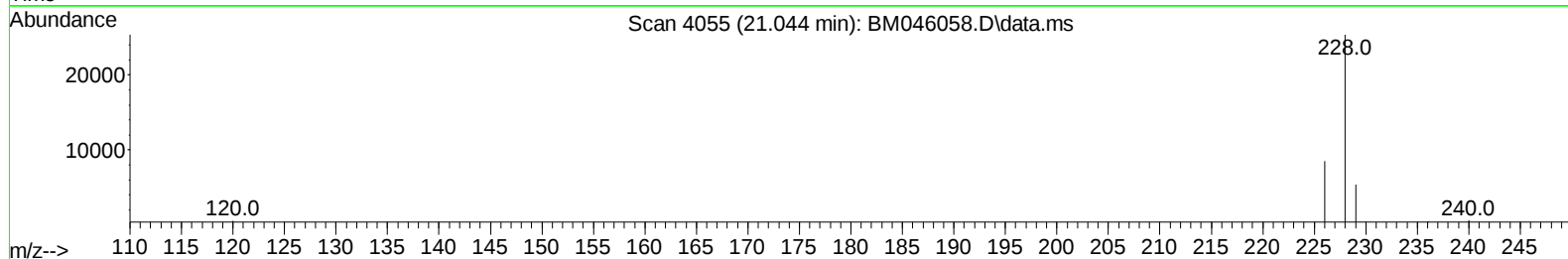
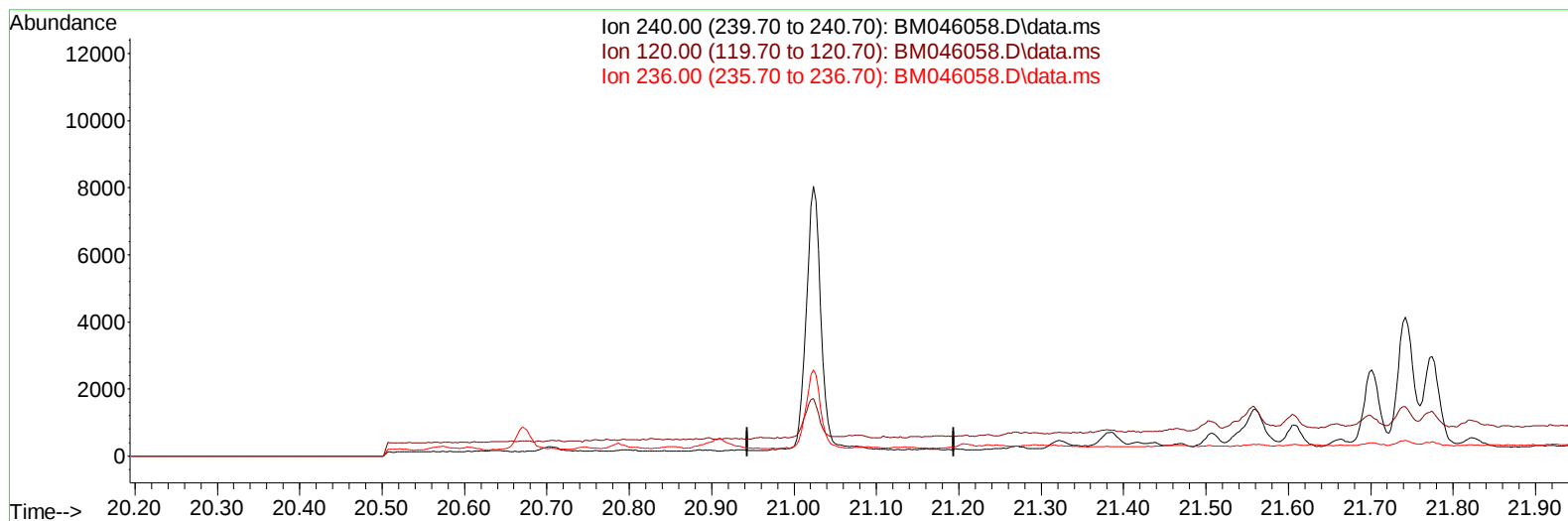
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046058.D\data.ms

(17) Chrysene-d12

21.044min (-21.044) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	23.50	0.00#
236.00	33.60	0.00#
0.00	0.00	0.00

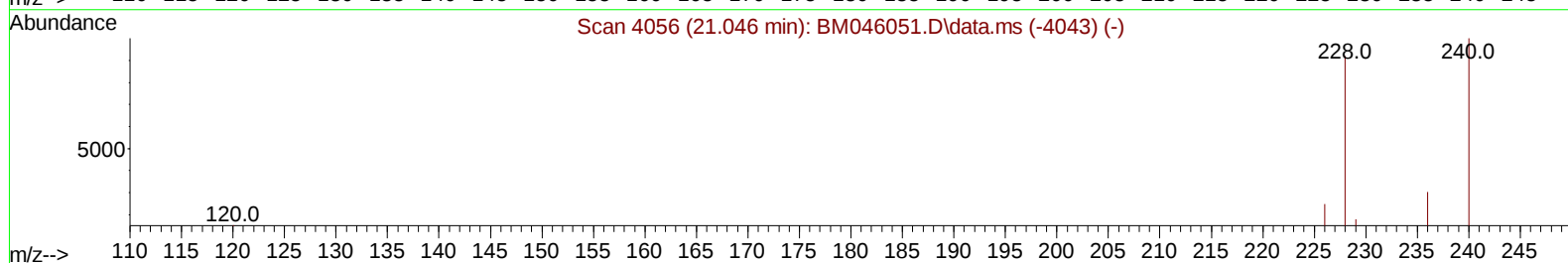
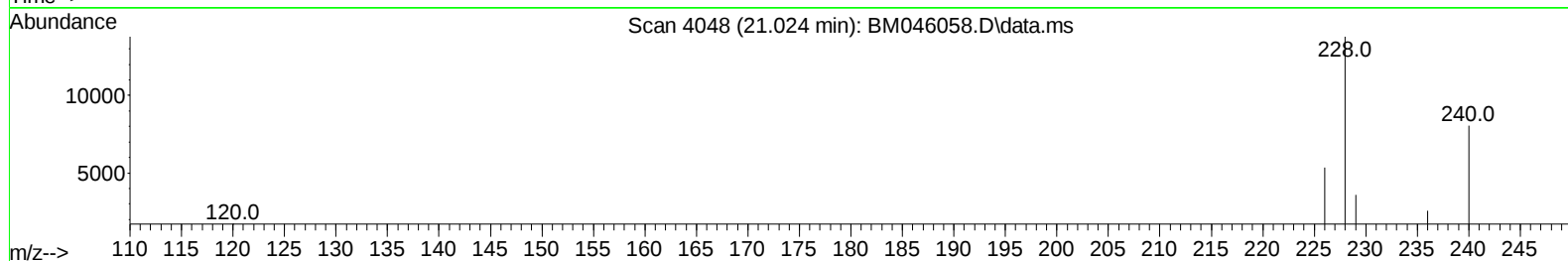
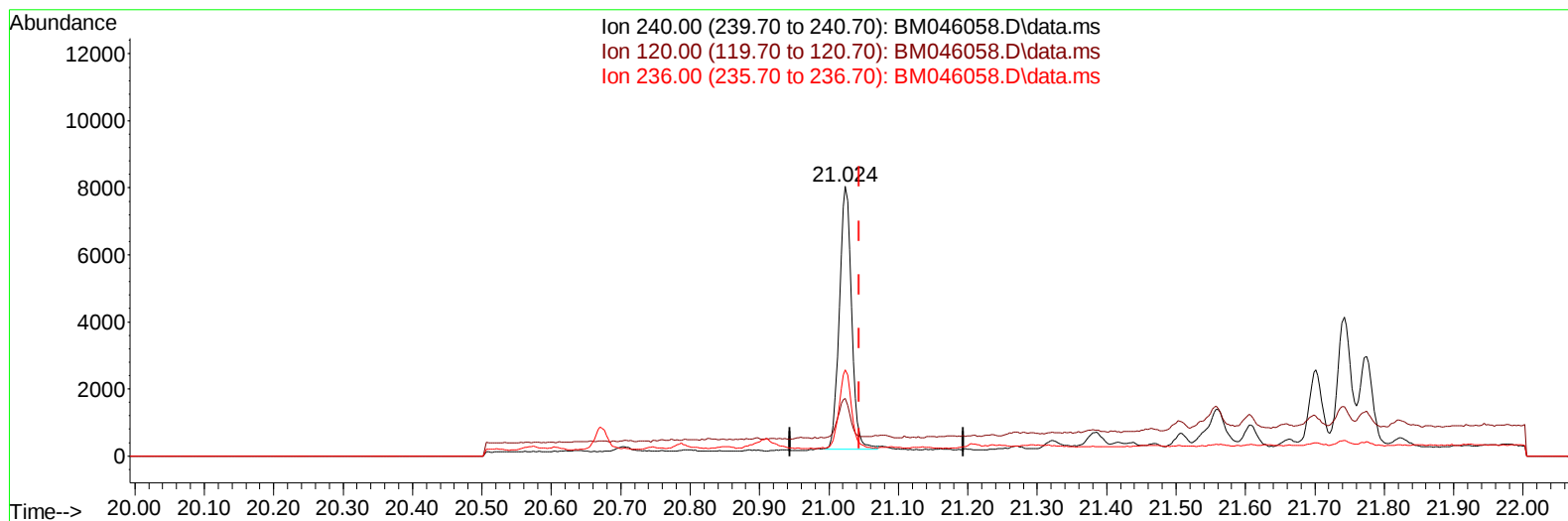
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(17) Chrysene-d12

21.024min (-0.020) 0.40 ng/u1 m

response 9596

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.26
236.00	33.60	31.97
0.00	0.00	0.00

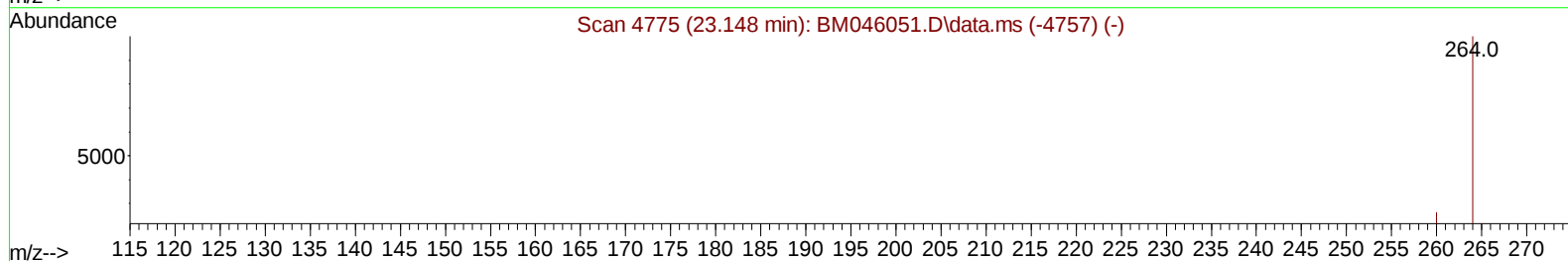
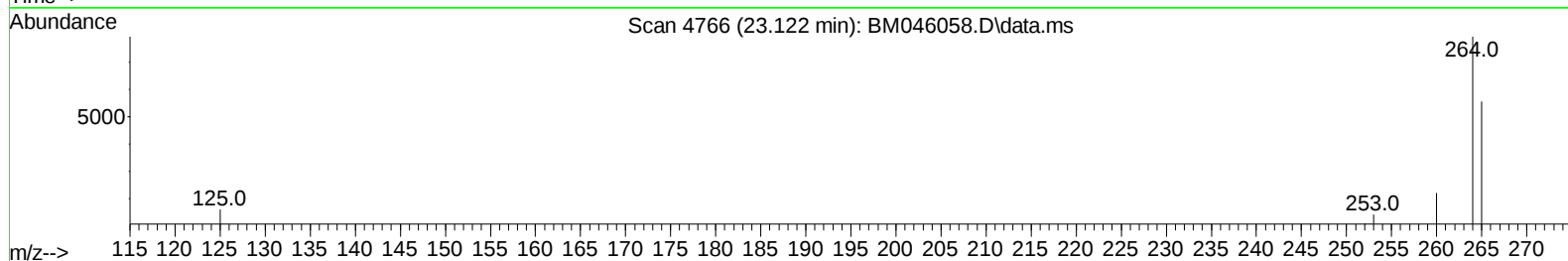
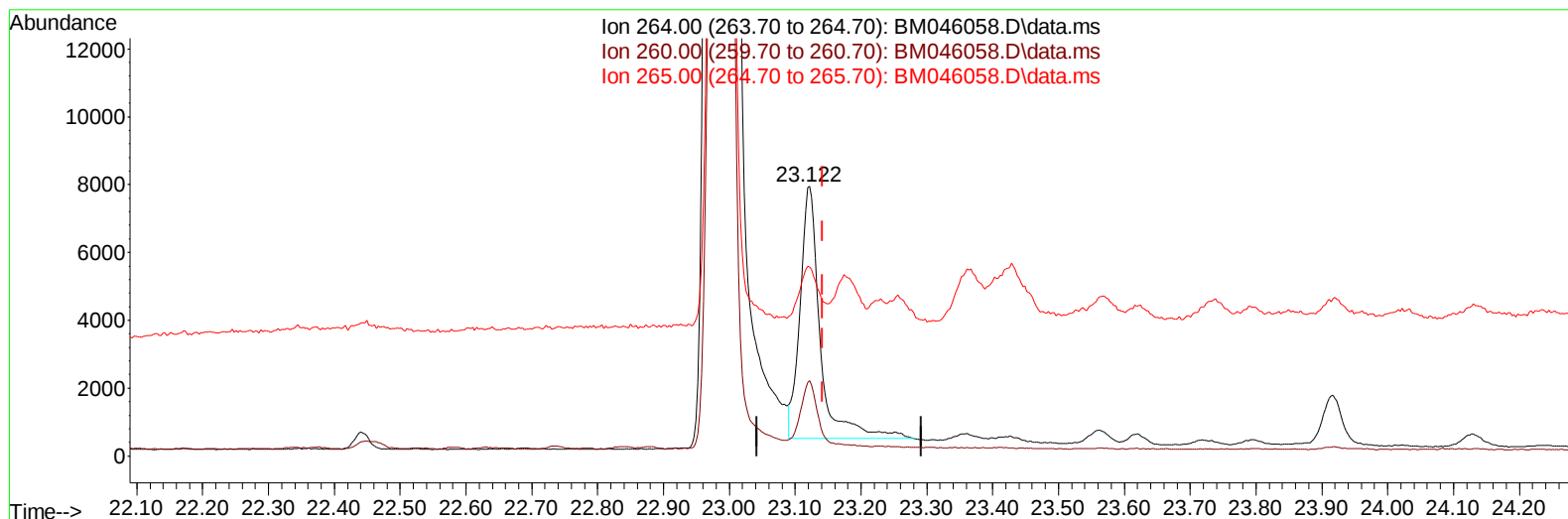
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046058.D\data.ms

(23) Perylene-d12 (I)

23.122min (-0.020) 0.40 ng/u1

response 16019

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.89
265.00	110.60	70.23#
0.00	0.00	0.00

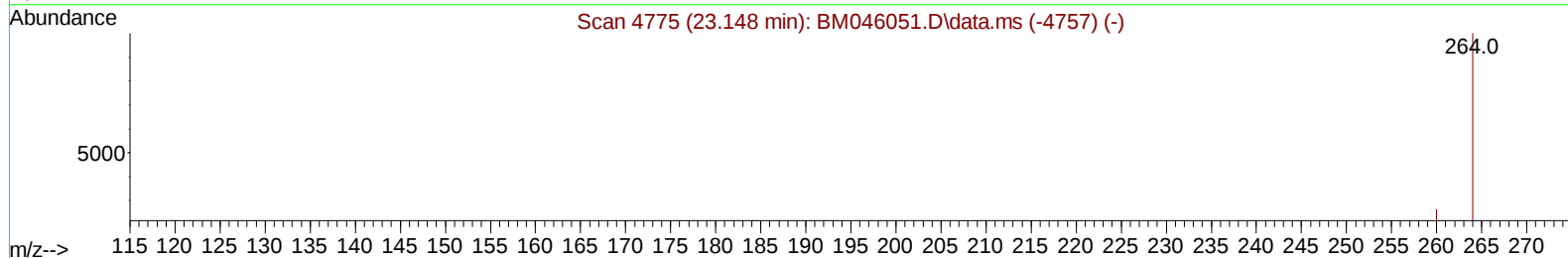
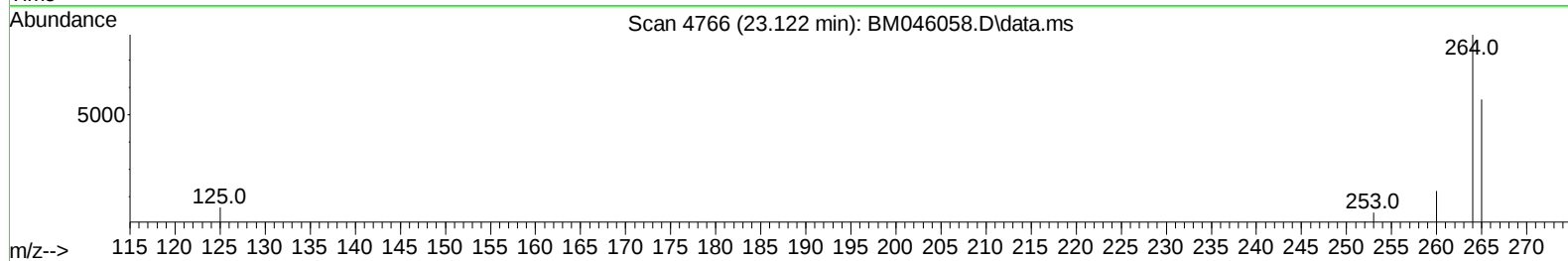
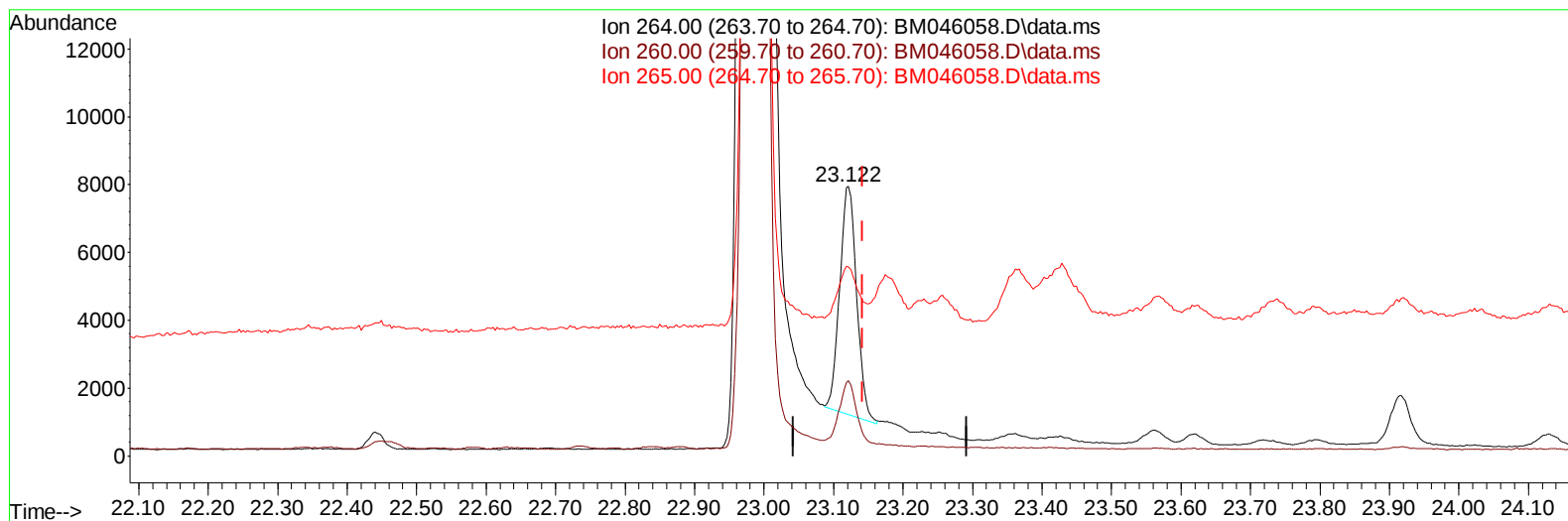
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046058.D\data.ms

(23) Perylene-d12 (I)

23.122min (-0.020) 0.40 ng/ul m

response 11338

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.89
265.00	110.60	70.23#
0.00	0.00	0.00

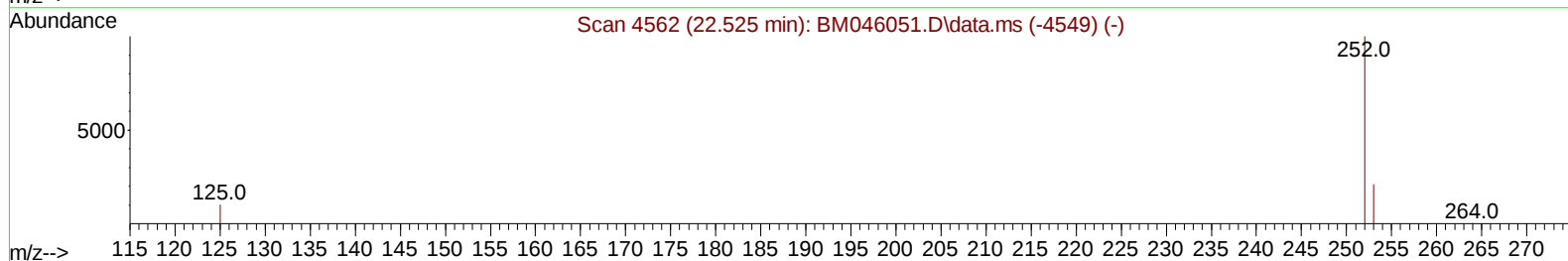
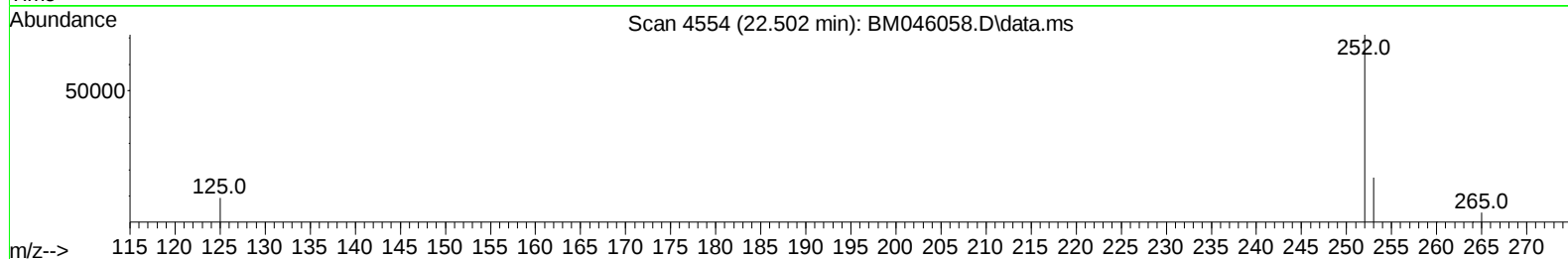
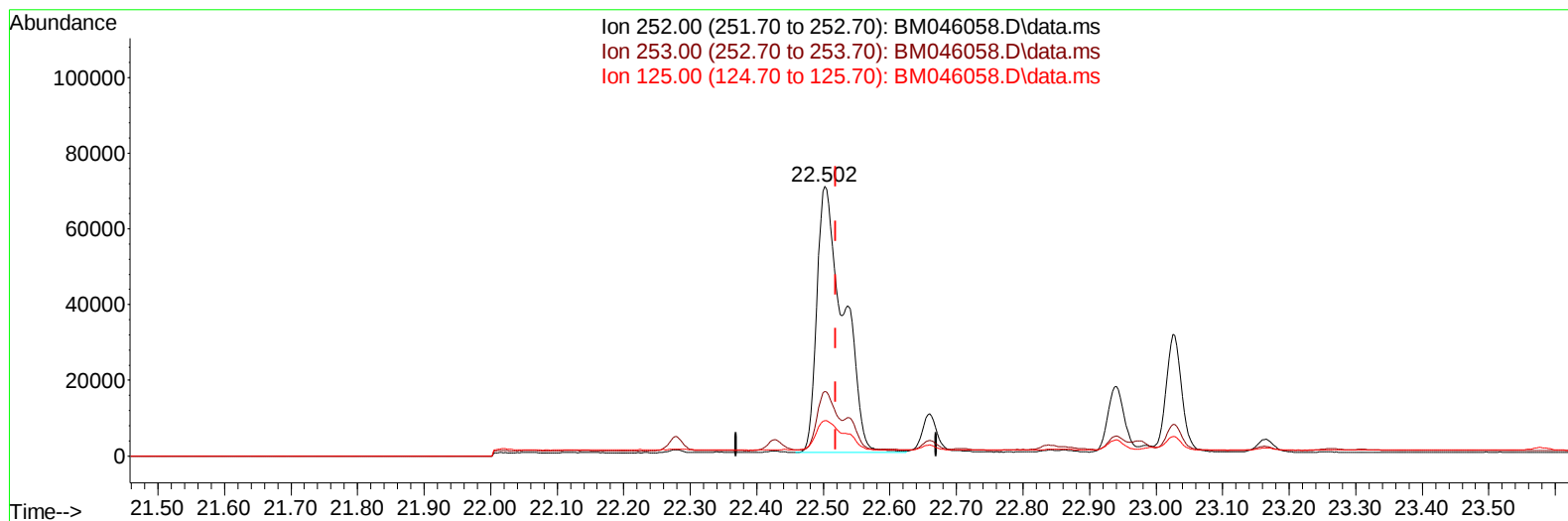
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046058.D\data.ms

(24) Benzo(b)fluoranthene

22.502min (-0.017) 4.77 ng/u1

response 194751

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.85
125.00	20.10	13.06
0.00	0.00	0.00

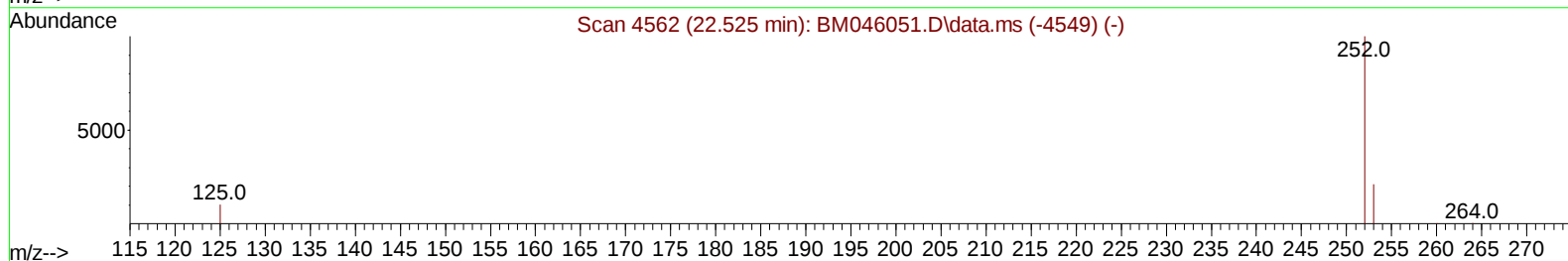
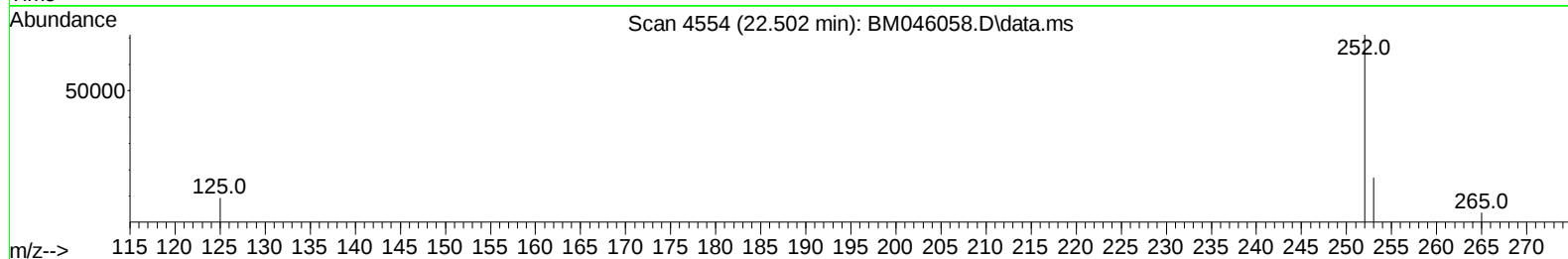
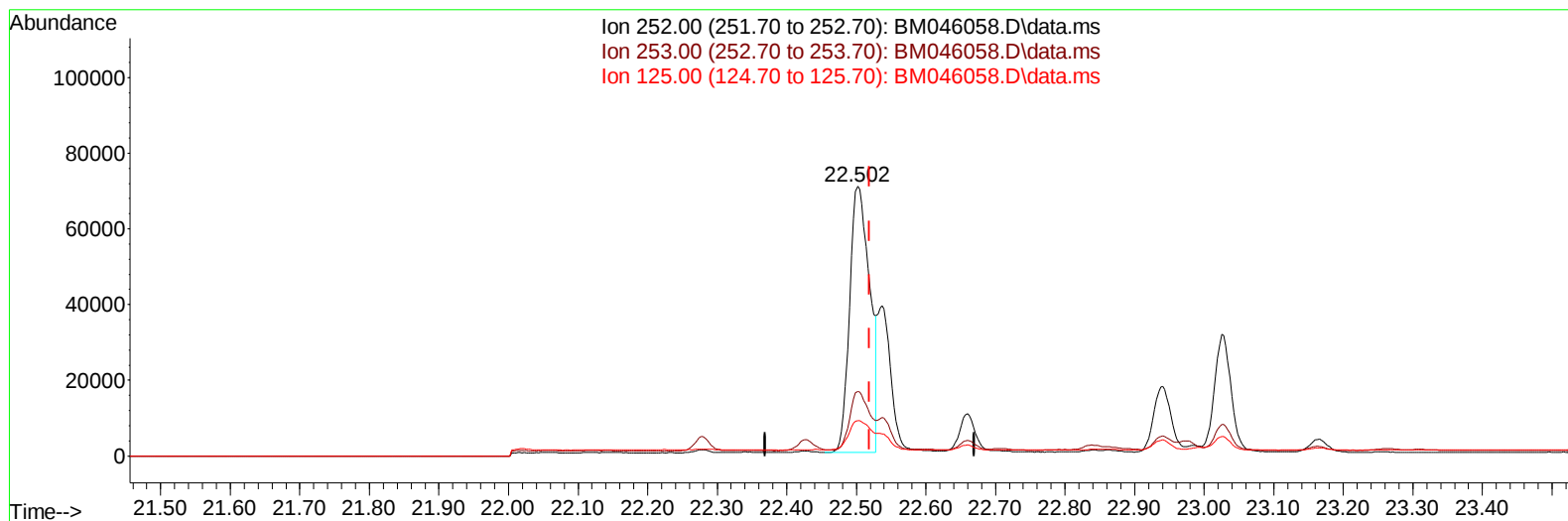
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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TIC: BM046058.D\data.ms

(24) Benzo(b)fluoranthene

22.502min (-0.017) 3.48 ng/u1 m

response 142297

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.85
125.00	20.10	13.06
0.00	0.00	0.00

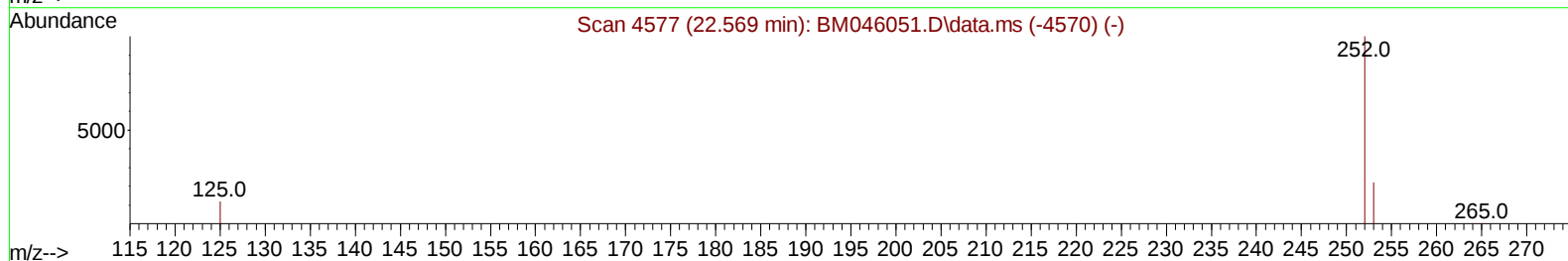
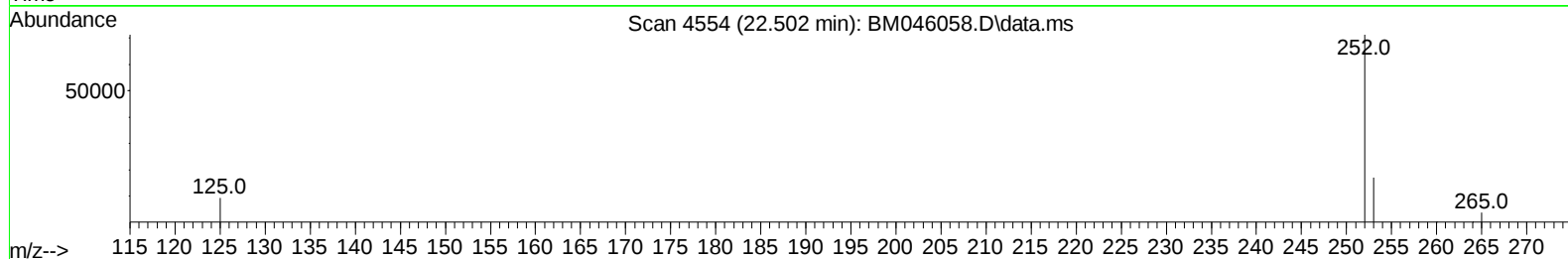
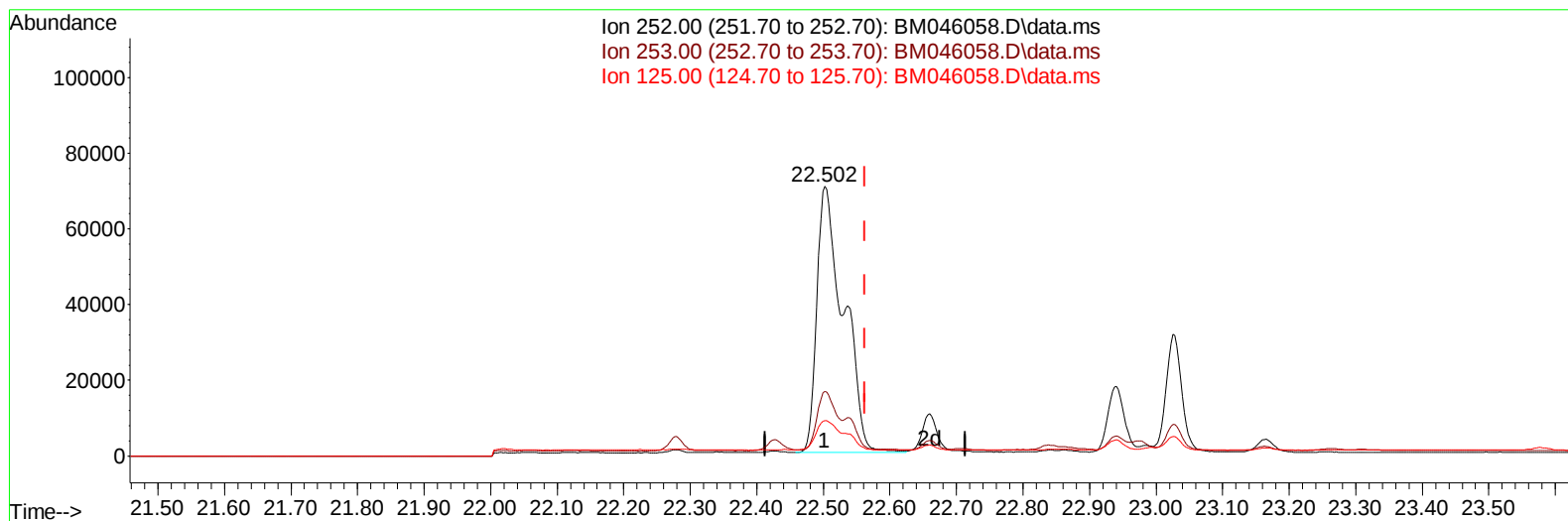
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046058.D\data.ms

(25) Benzo(k)fluoranthene

22.502min (-0.061) 4.01 ng/u1

response 194751

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.85#
125.00	20.80	13.06#
0.00	0.00	0.00

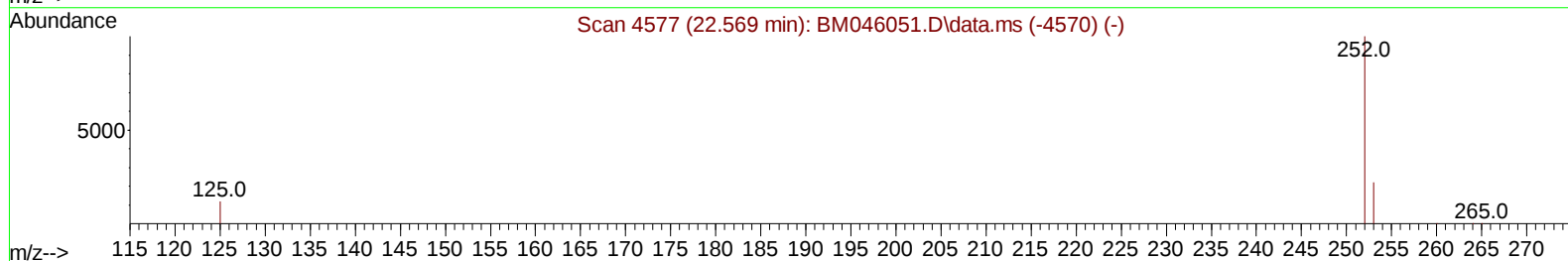
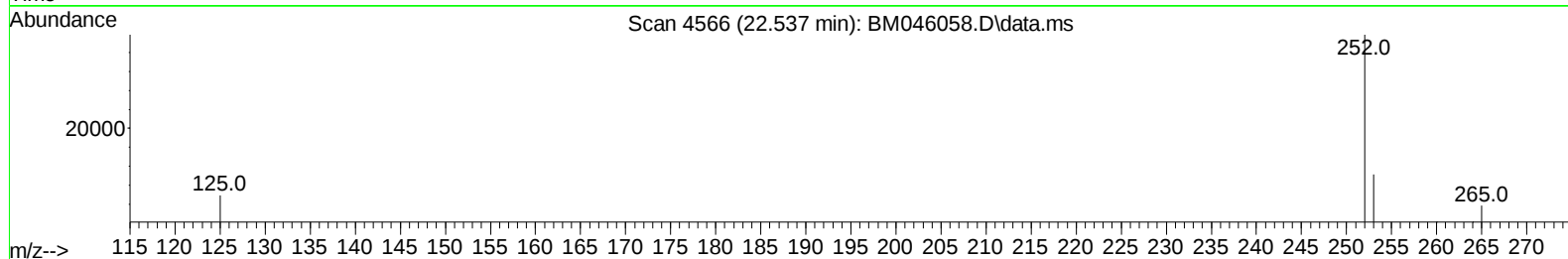
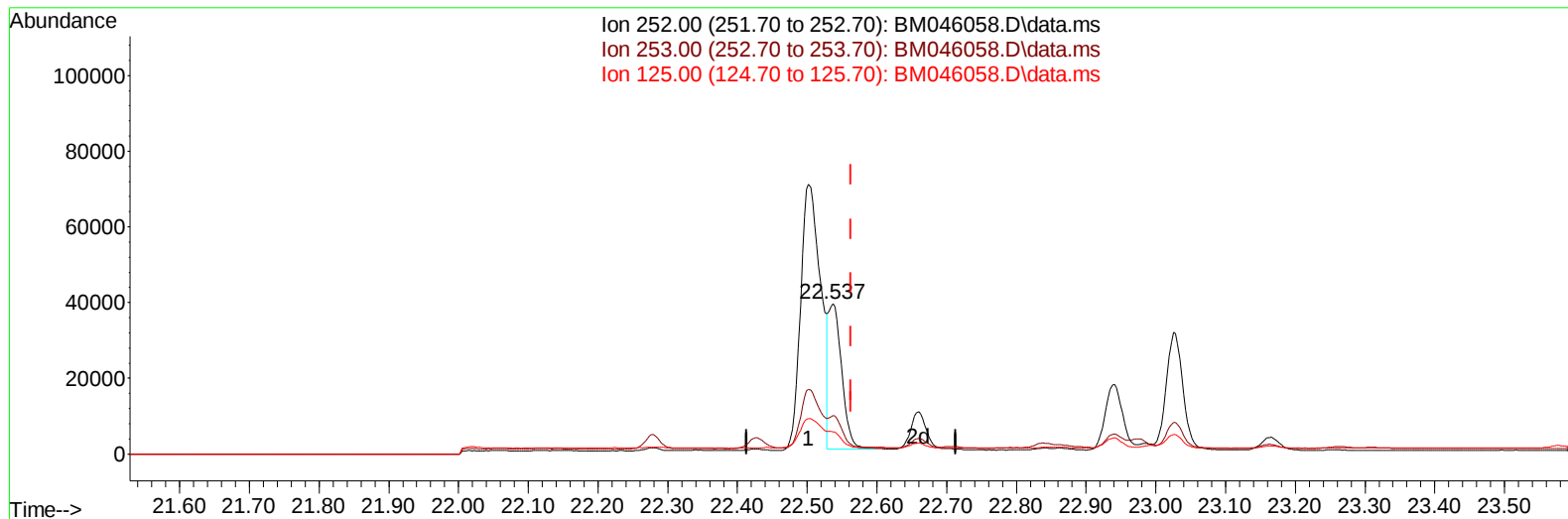
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046058.D
Acq On : 18 Jun 2024 19:25
Operator : MA/JU
Sample : P2695-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046058.D\data.ms

(25) Benzo(k)fluoranthene

22.537min (-0.026) 1.04 ng/u1 m

response 50271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.71#
125.00	20.80	14.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046058.D
 Acq On : 18 Jun 2024 19:25
 Operator : MA/JU
 Sample : P2695-06
 Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3558	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	10100	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	5320	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.828	188	11111m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.024	240	9596m	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	11338m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	19574	4.010	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	3815	0.281	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	9003	0.313	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	2274	0.081	ng/ul#	93
7) 2-Methylnaphthalene	11.903	142	720	0.045	ng/ul	95
8) 1-Methylnaphthalene	12.118	142	579	0.033	ng/ul	99
10) Acenaphthylene	13.802	152	4845	0.192	ng/ul	99
11) Acenaphthene	14.145	153	2883	0.158	ng/ul	99
12) Fluorene	15.135	166	3457	0.177	ng/ul	100
15) Phenanthrene	16.866	178	69824m	2.237	ng/ul	
16) Anthracene	16.958	178	13831m	0.595	ng/ul	
19) Fluoranthene	18.889	202	189307	4.556	ng/ul	96
20) Pyrene	19.252	202	127472	2.837	ng/ul	95
21) Benzo(a)anthracene	21.006	228	94397	2.547	ng/ul	99
22) Chrysene	21.059	228	97019	2.051	ng/ul	98
24) Benzo(b)fluoranthene	22.502	252	142297m	3.484	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	50271m	1.035	ng/ul	
26) Benzo(a)pyrene	23.025	252	51907	1.371	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.172	276	54627	0.882	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.176	278	17495	0.379	ng/ul	97
29) Benzo(g,h,i)perylene	25.799	276	8261	0.156	ng/ul#	85

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

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