

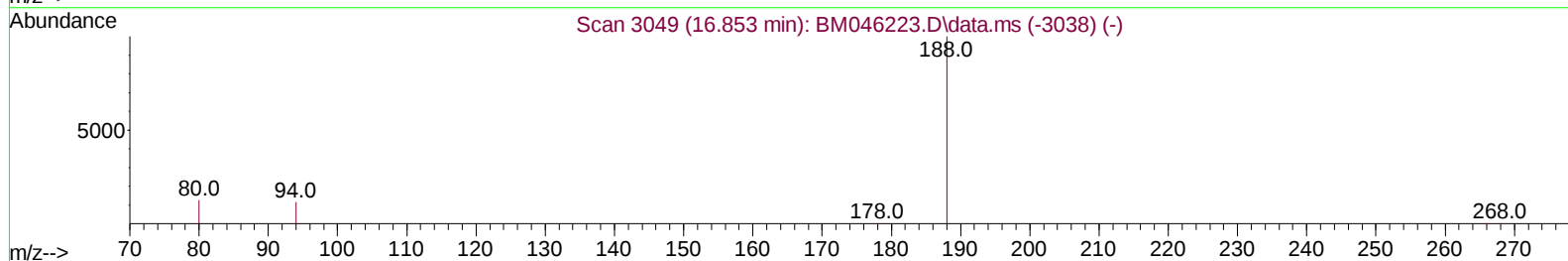
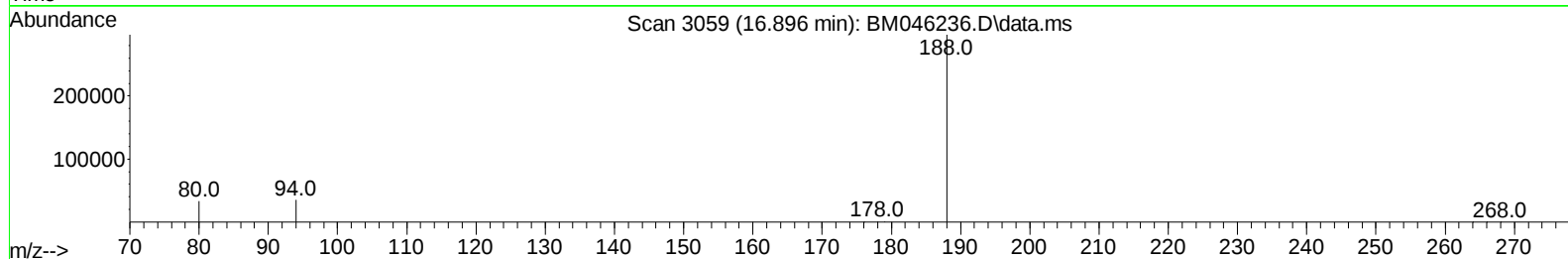
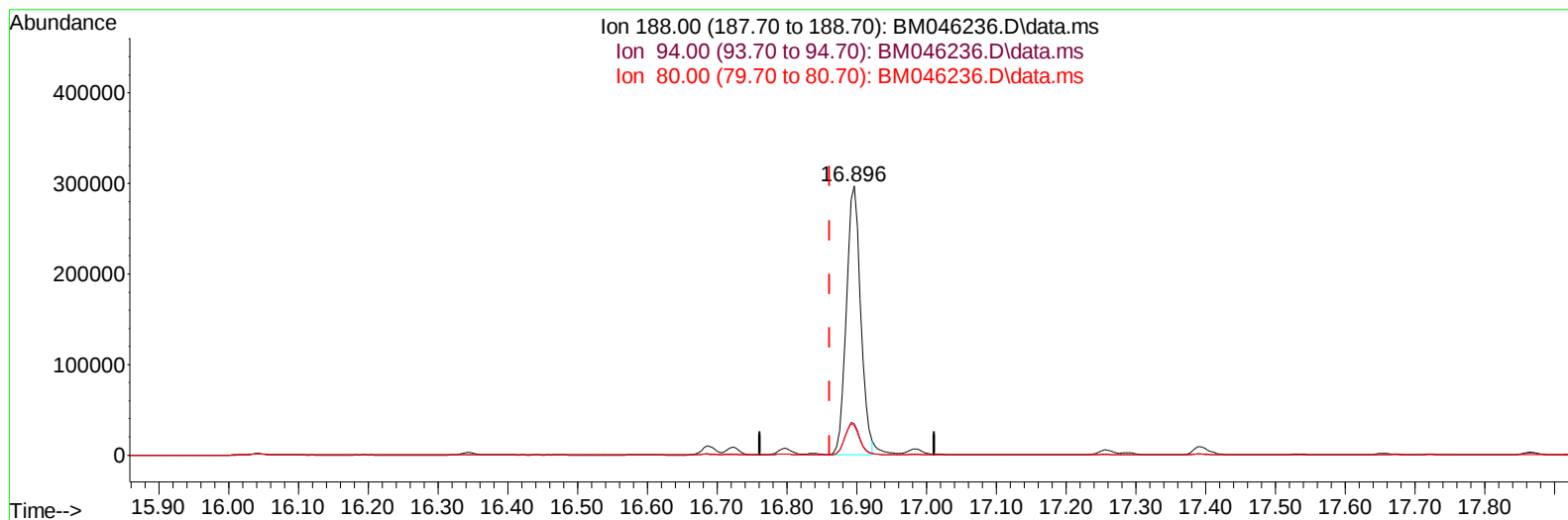
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:38 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046236.D\data.ms

(13) Phenanthrene-d10 (I)

16.896min (+ 0.035) 0.40 ng/u1

response 421001

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.75
80.00	15.20	11.07#
0.00	0.00	0.00

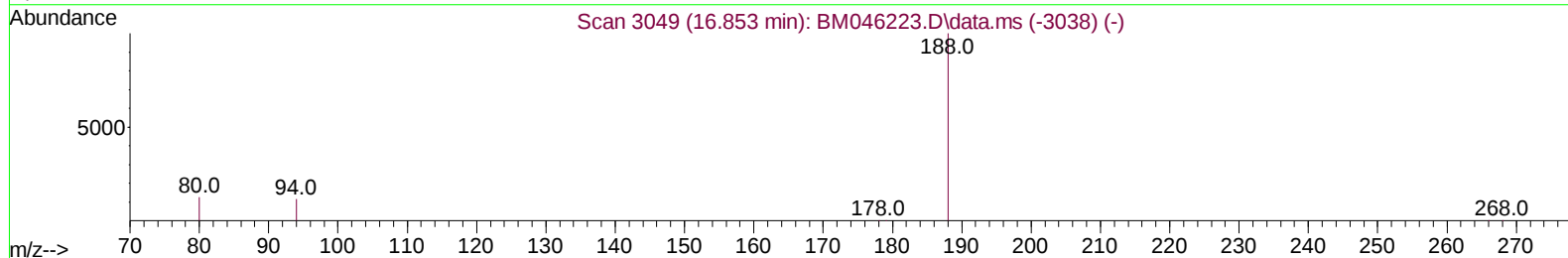
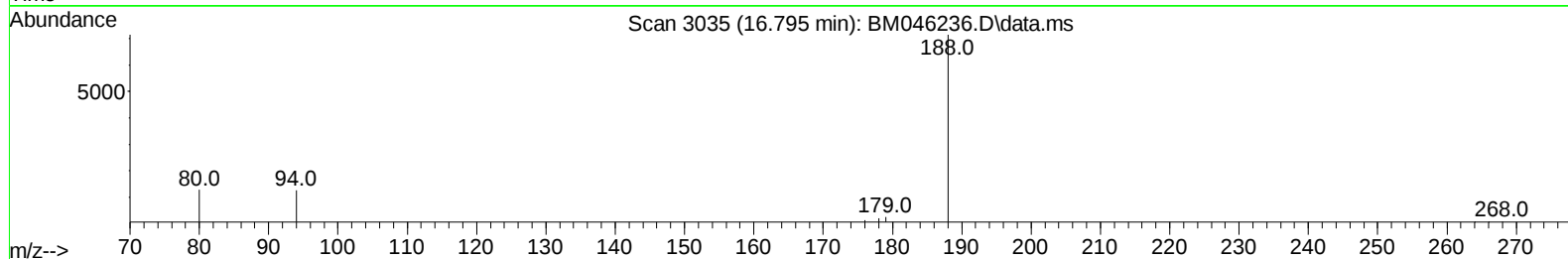
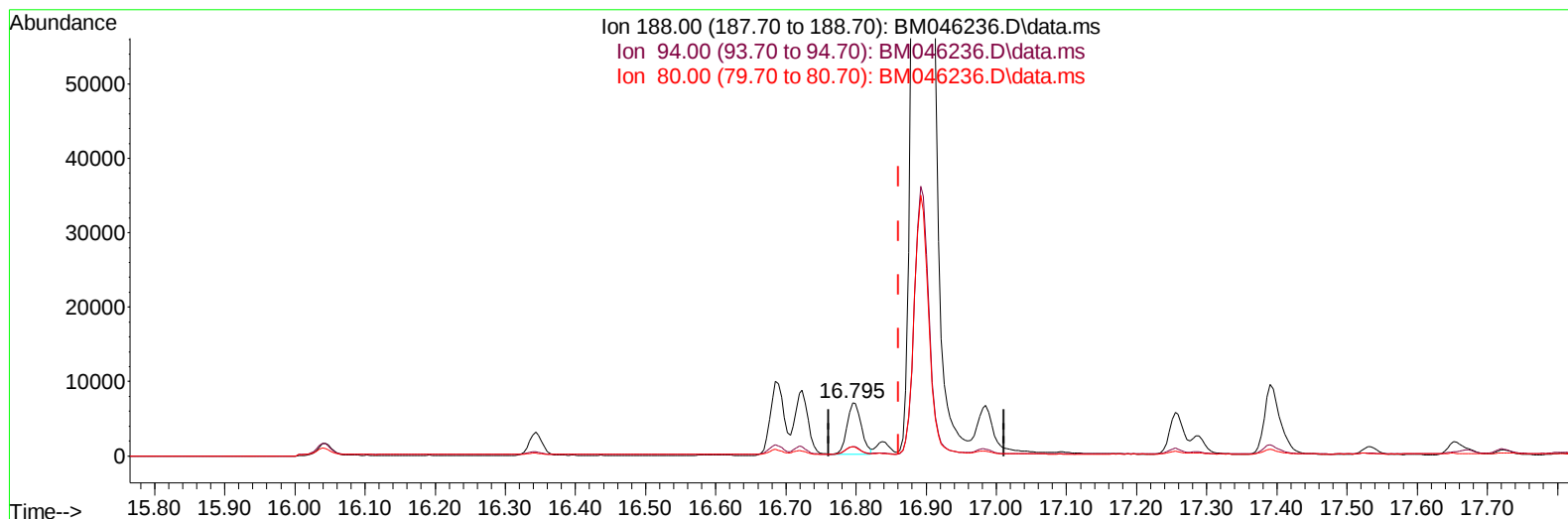
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
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Operator : MA/JU
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ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046236.D\data.ms

(13) Phenanthrene-d10 (I)

16.795min (-0.066) 0.40 ng/u1 m

response 9707

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	17.75#
80.00	15.20	17.95
0.00	0.00	0.00

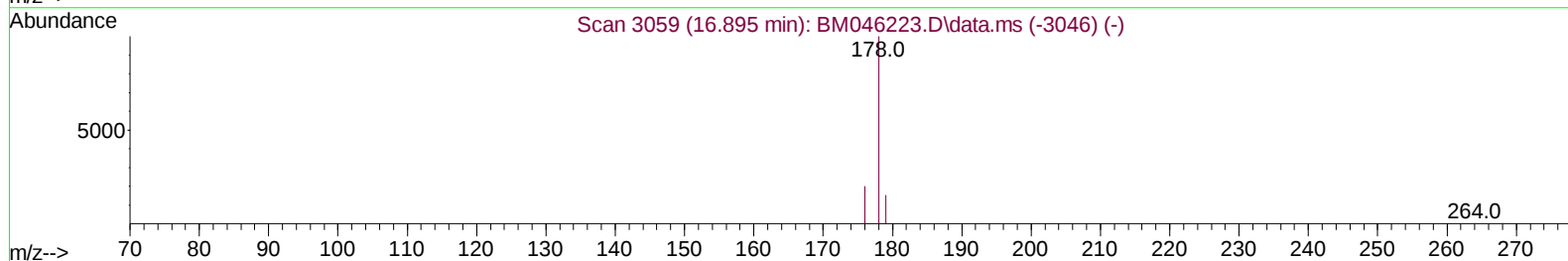
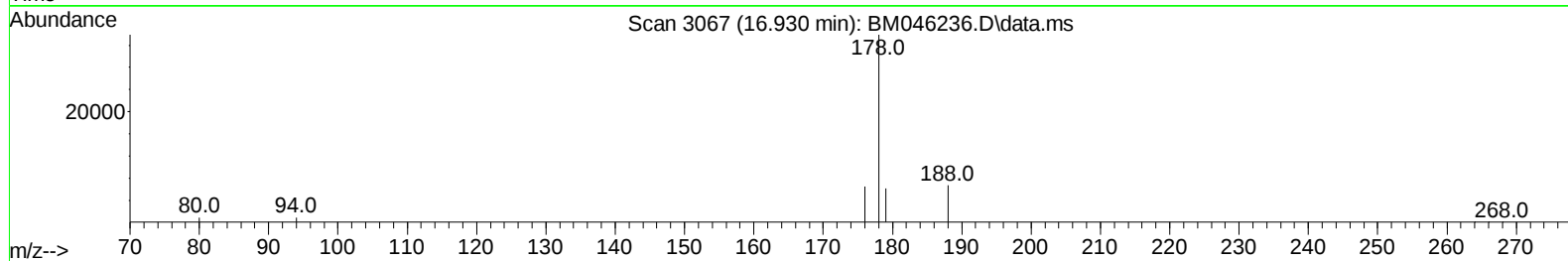
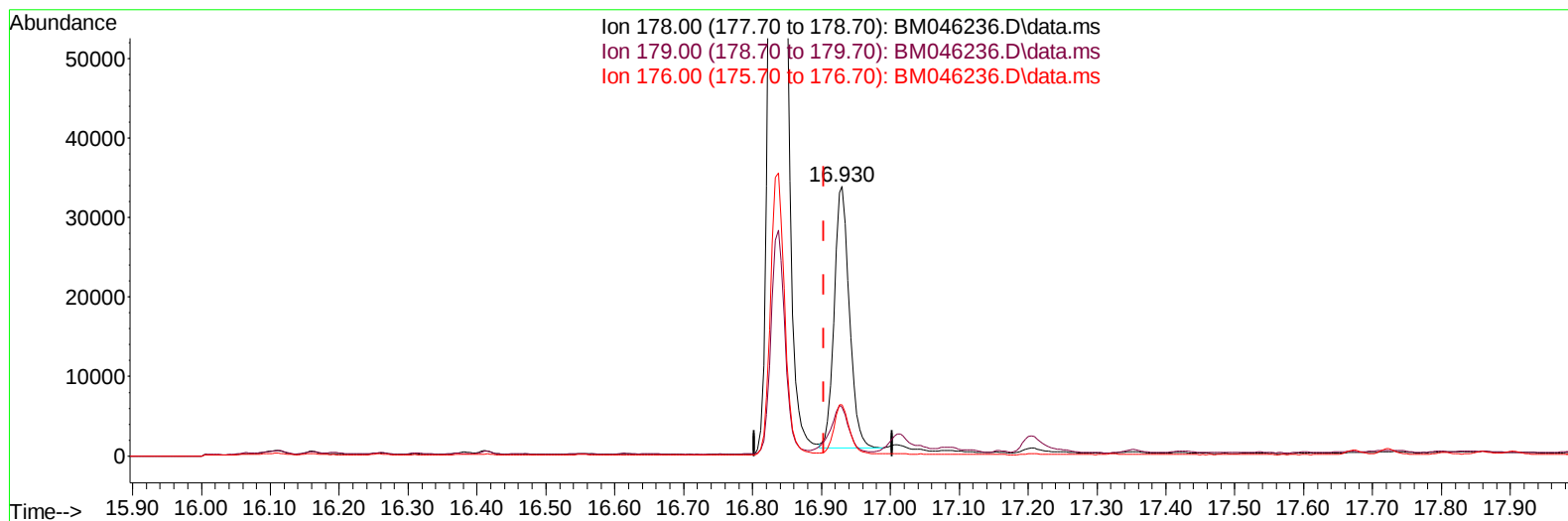
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:38 2024
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TIC: BM046236.D\data.ms

(15) Phenanthrene

16.930min (+ 0.027) 1.85 ng/u1

response 50370

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	18.08
176.00	21.40	19.03
0.00	0.00	0.00

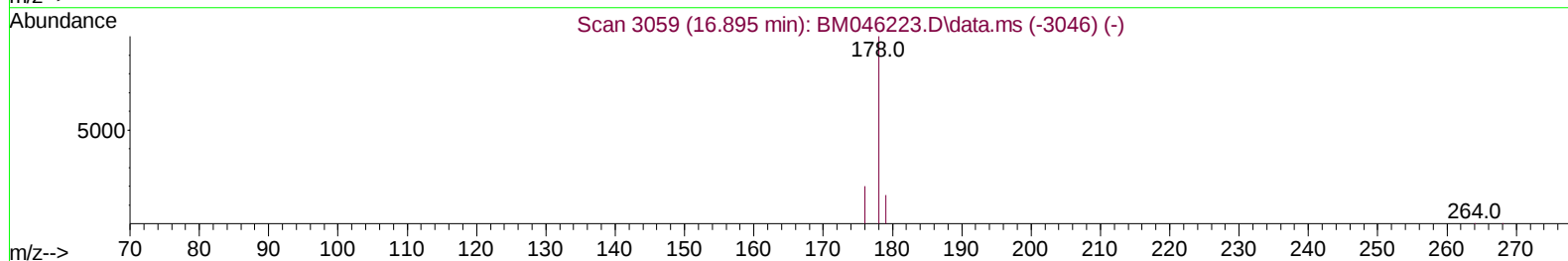
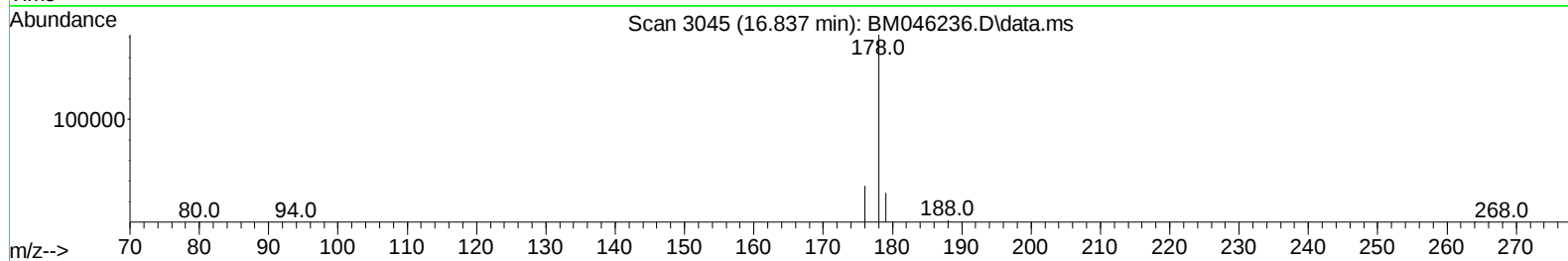
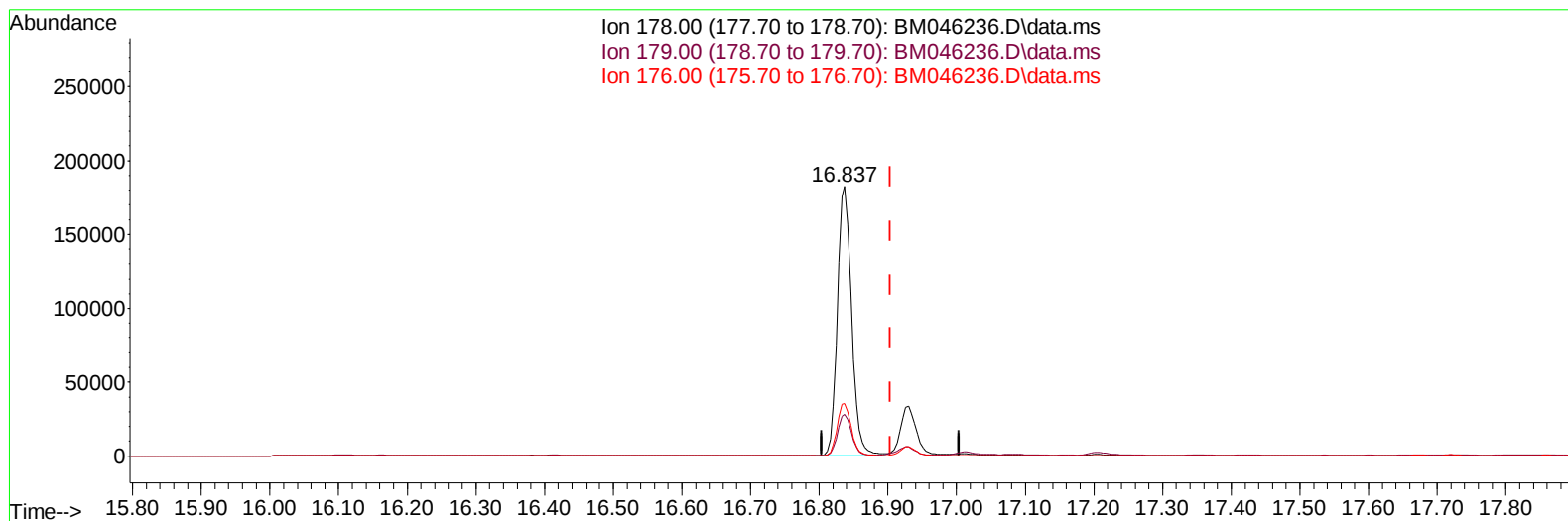
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
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Quant Time: Jun 24 02:31:38 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



TIC: BM046236.D\data.ms

(15) Phenanthrene

16.837min (-0.066) 9.52 ng/u1 m

response 259710

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.59
176.00	21.40	19.50
0.00	0.00	0.00

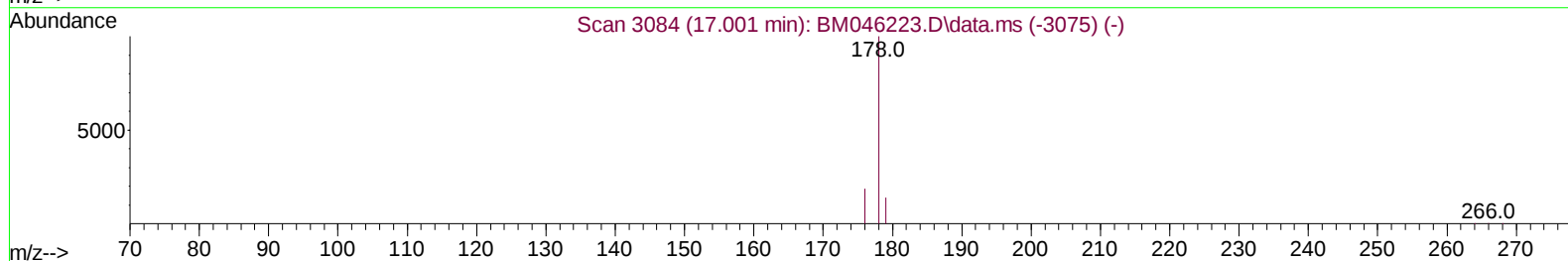
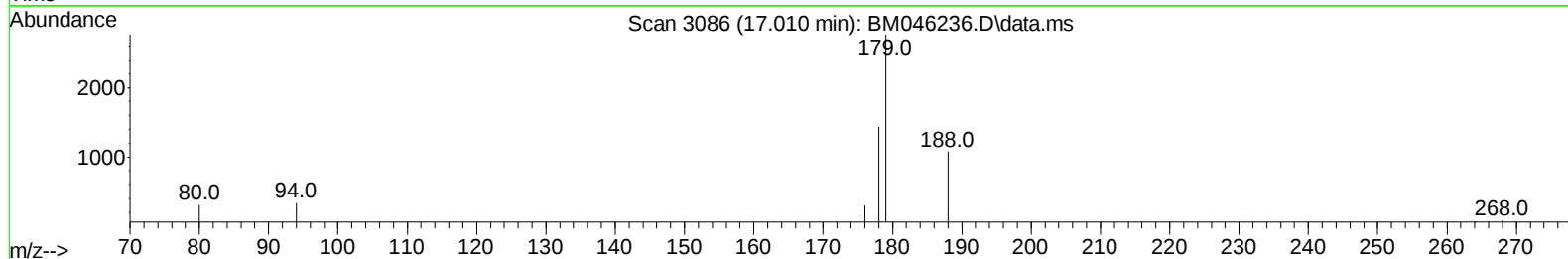
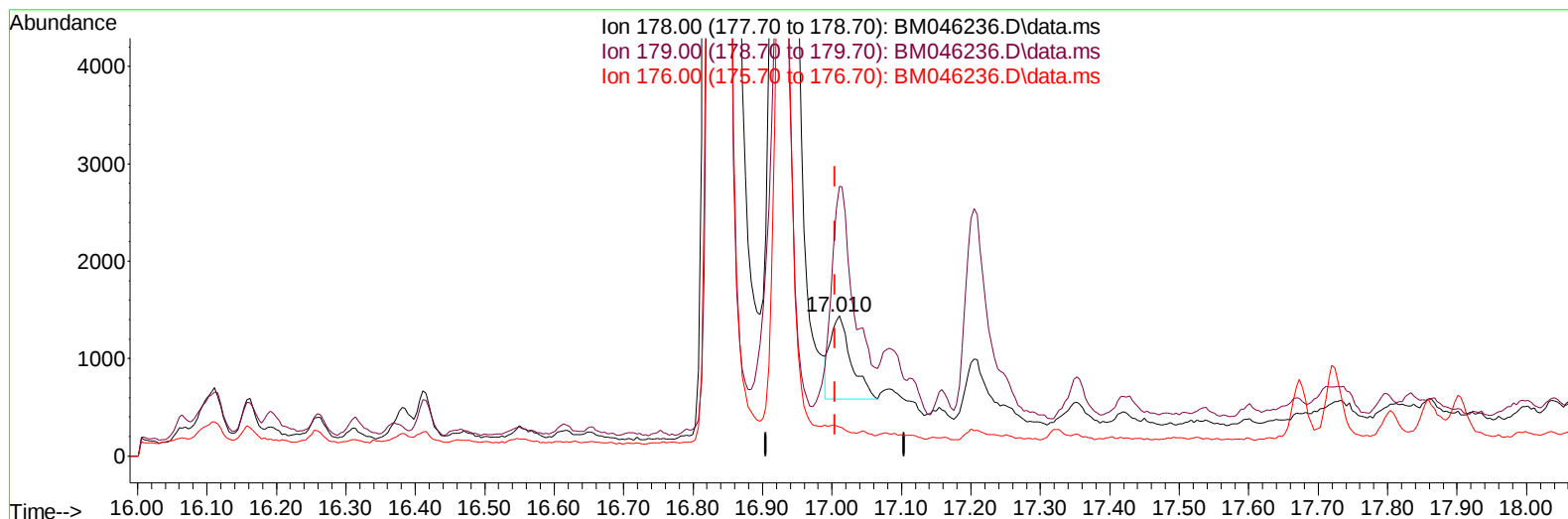
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

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TIC: BM046236.D\data.ms

(16) Anthracene

17.010min (+ 0.005) 0.09 ng/u1

response 1804

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	192.69#
176.00	21.20	20.68
0.00	0.00	0.00

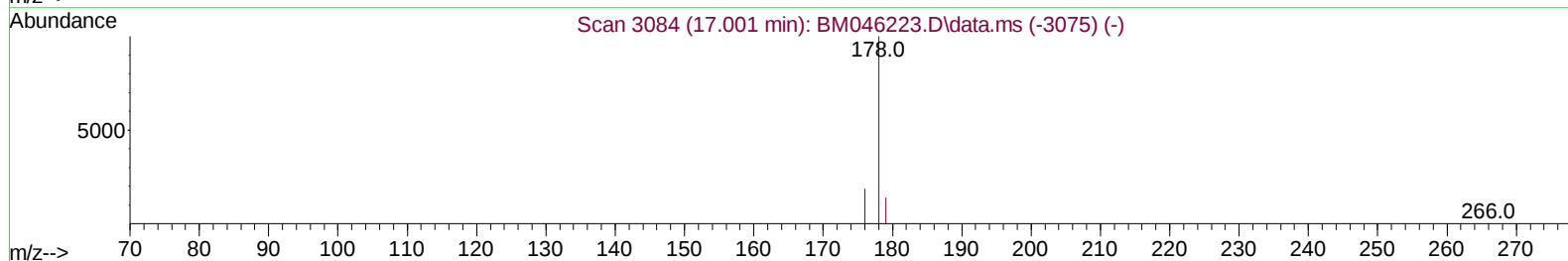
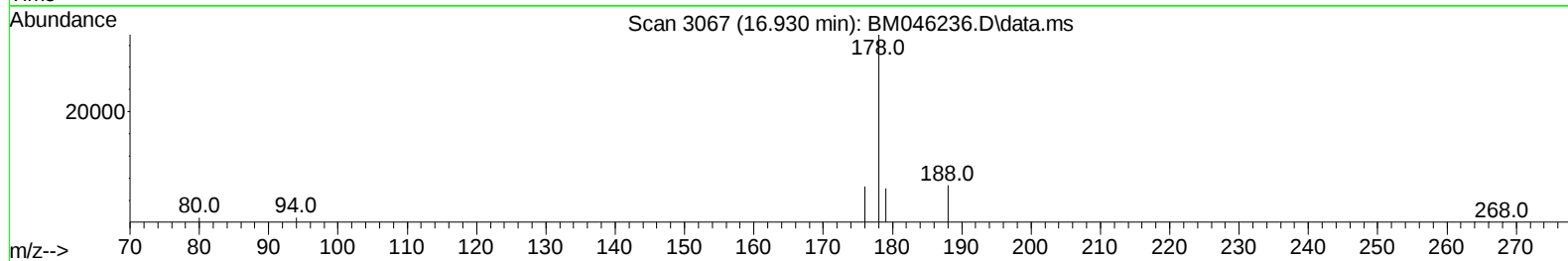
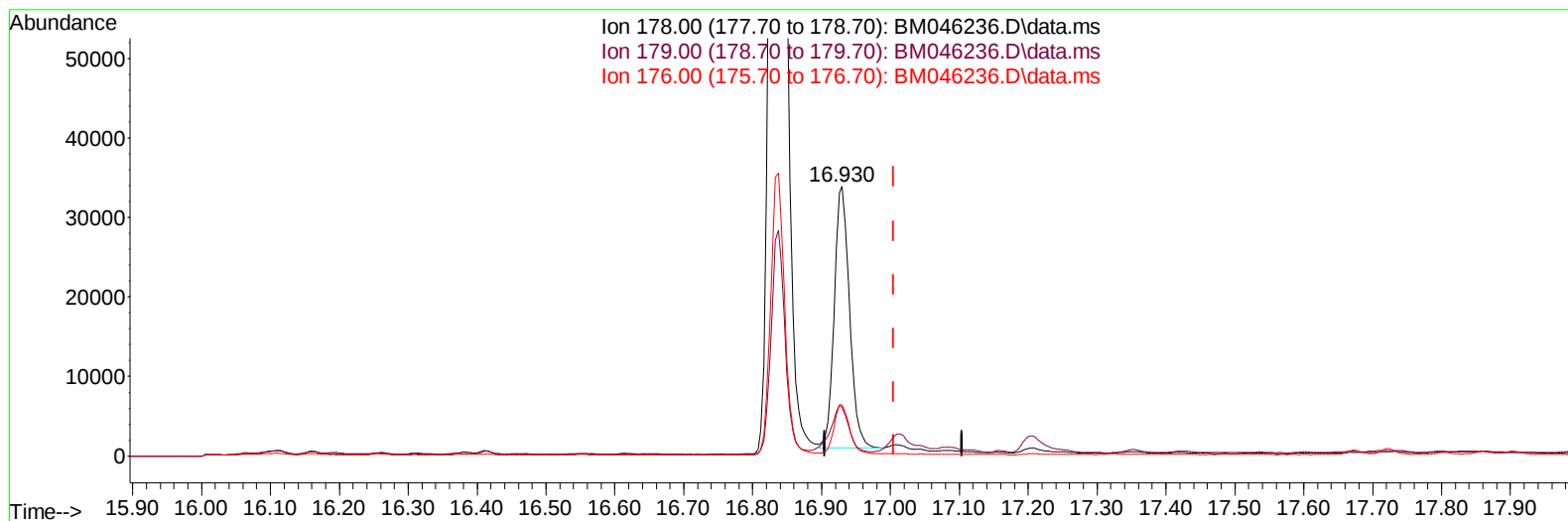
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Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:38 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046236.D\data.ms

(16) Anthracene

16.930min (-0.075) 2.48 ng/u1 m

response 50403

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	18.08
176.00	21.20	19.03
0.00	0.00	0.00

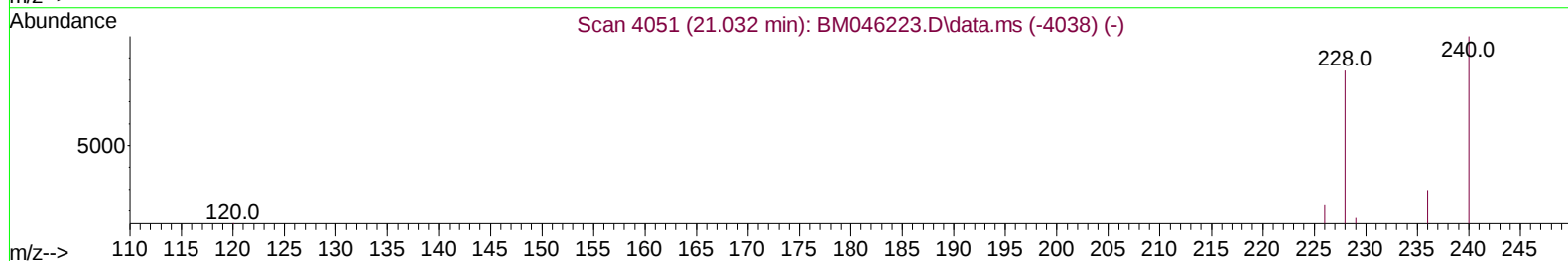
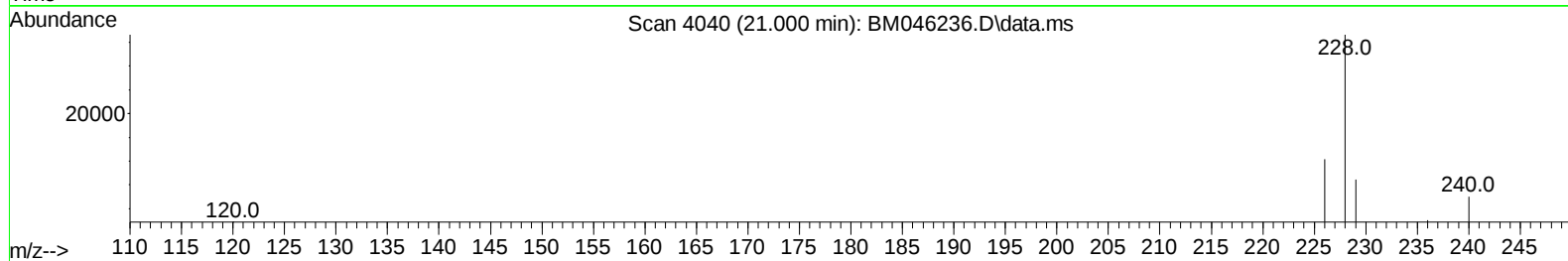
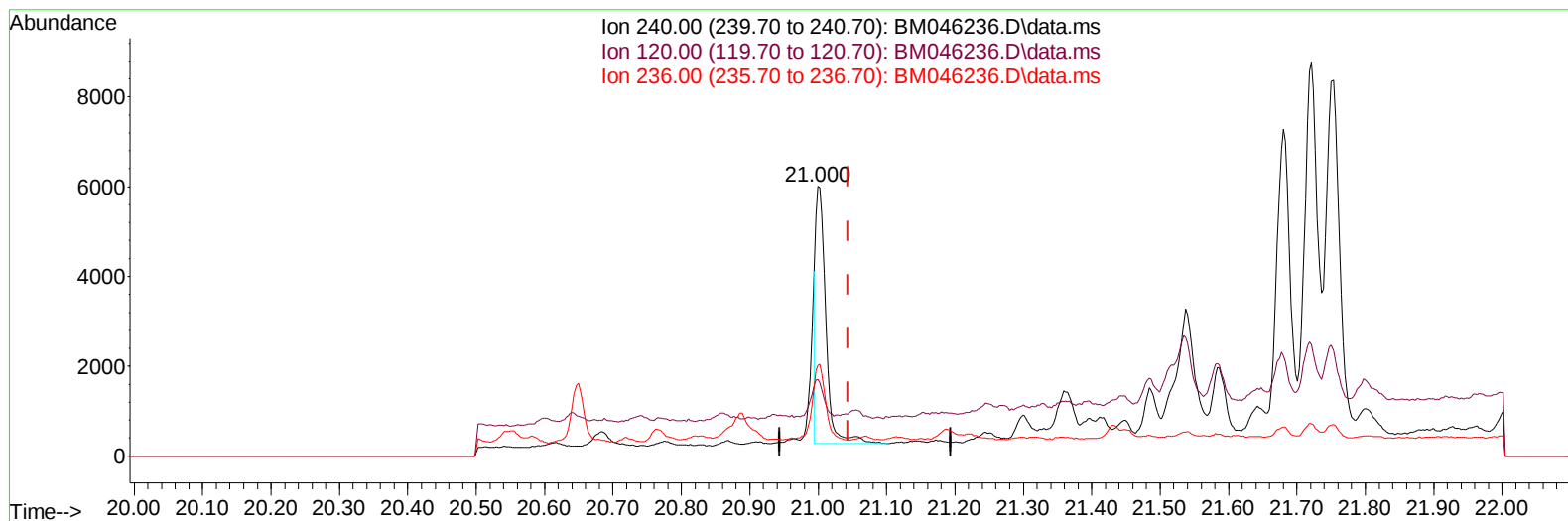
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:38 2024
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TIC: BM046236.D\data.ms

(17) Chrysene-d12

21.000min (-0.044) 0.40 ng/u1

response 5991

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	28.51#
236.00	33.60	33.51
0.00	0.00	0.00

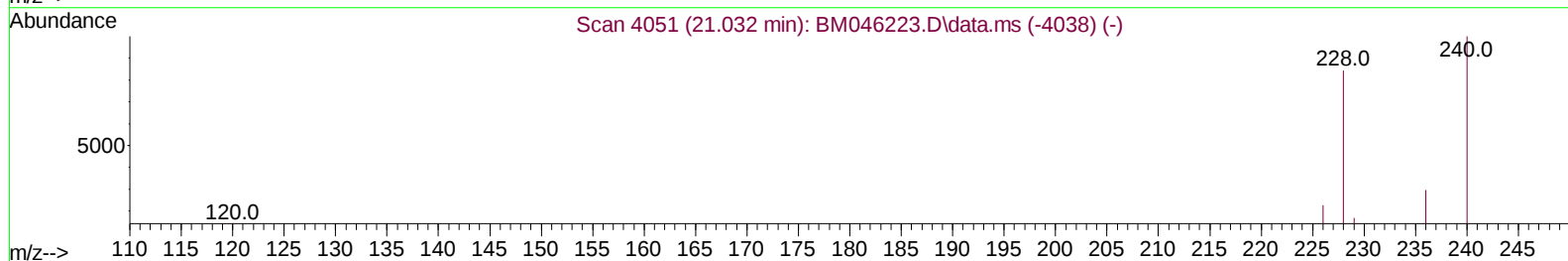
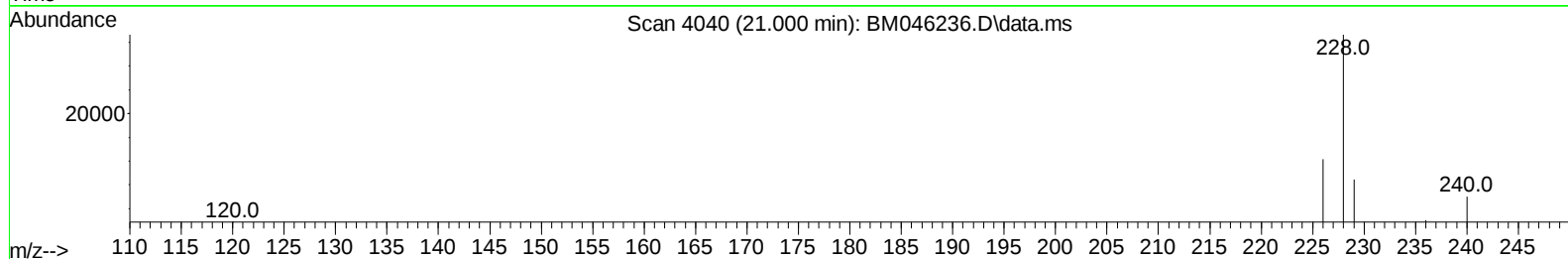
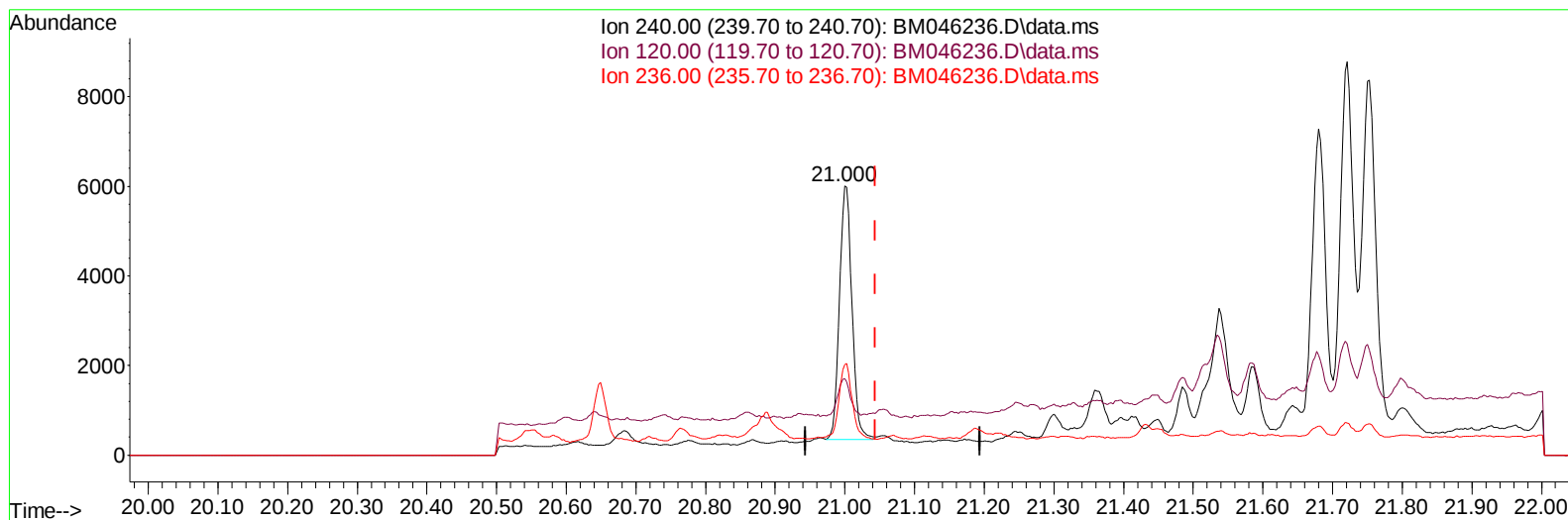
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:38 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

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TIC: BM046236.D\data.ms

(17) Chrysene-d12

21.000min (-0.044) 0.40 ng/ul m

response 7060

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	28.51#
236.00	33.60	33.51
0.00	0.00	0.00

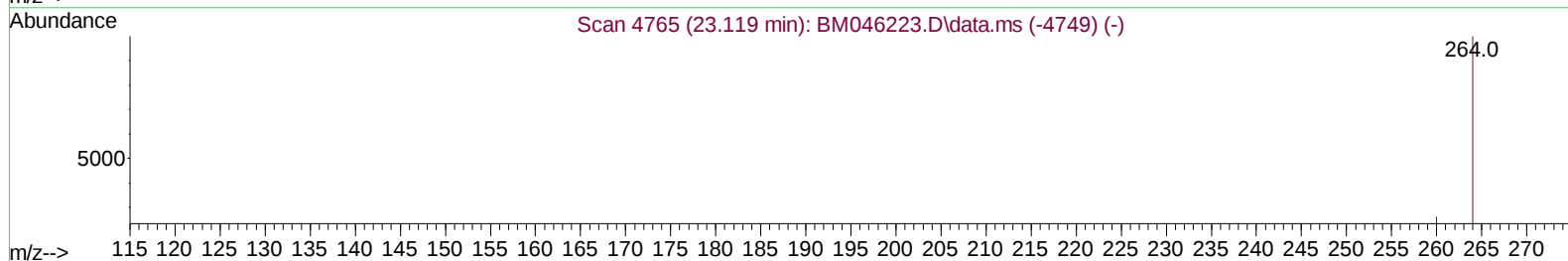
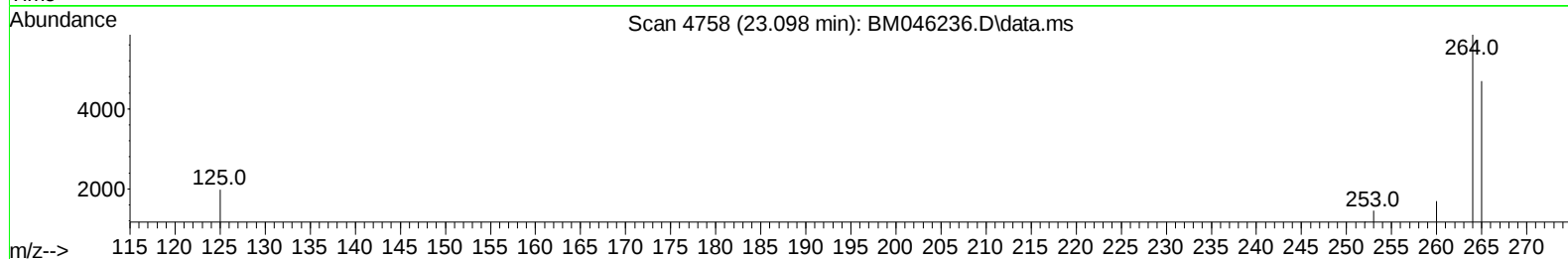
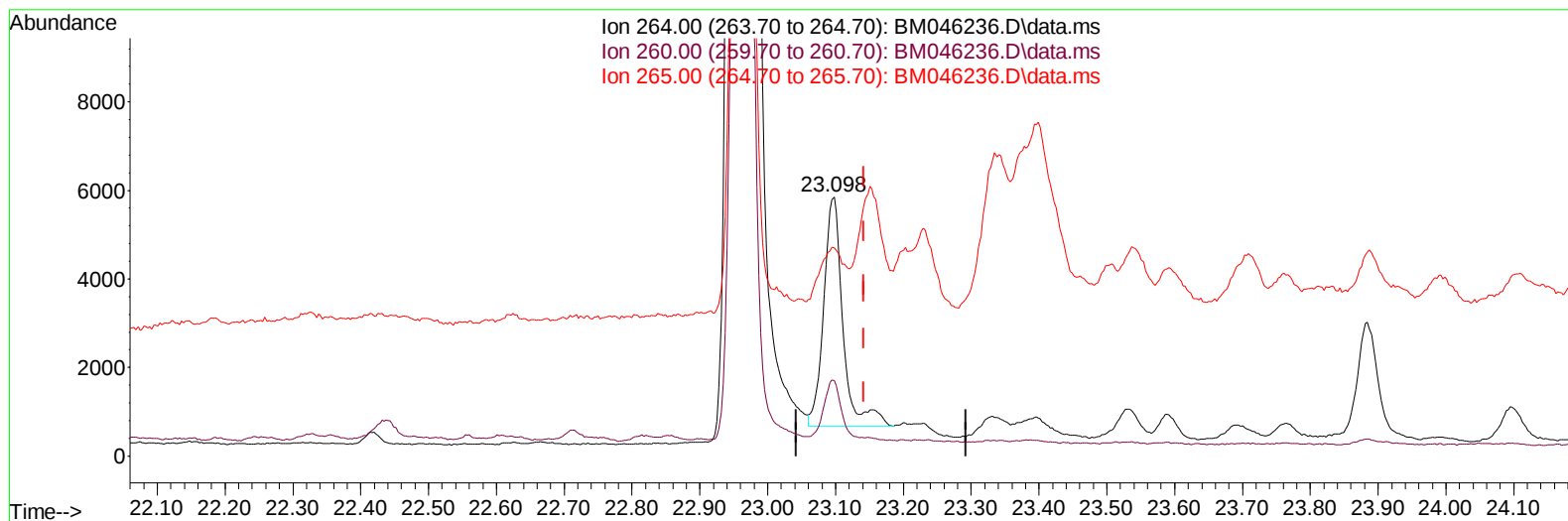
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

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TIC: BM046236.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/u1

response 10194

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	29.04
265.00	110.60	80.36#
0.00	0.00	0.00

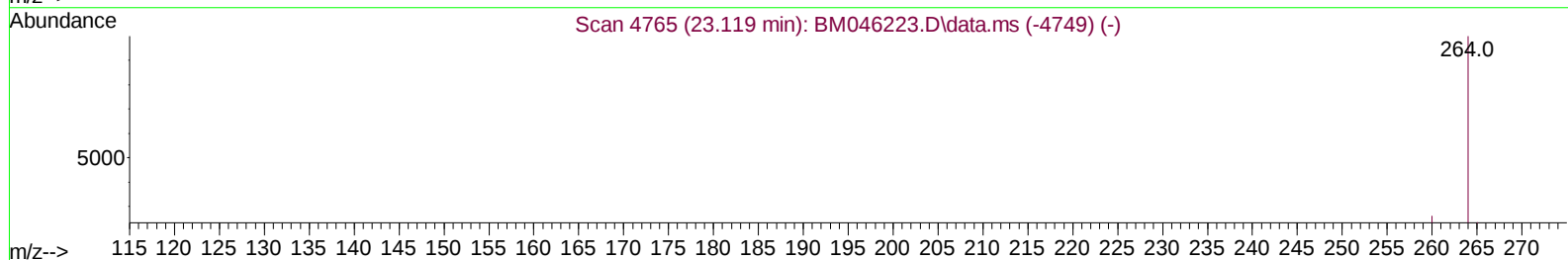
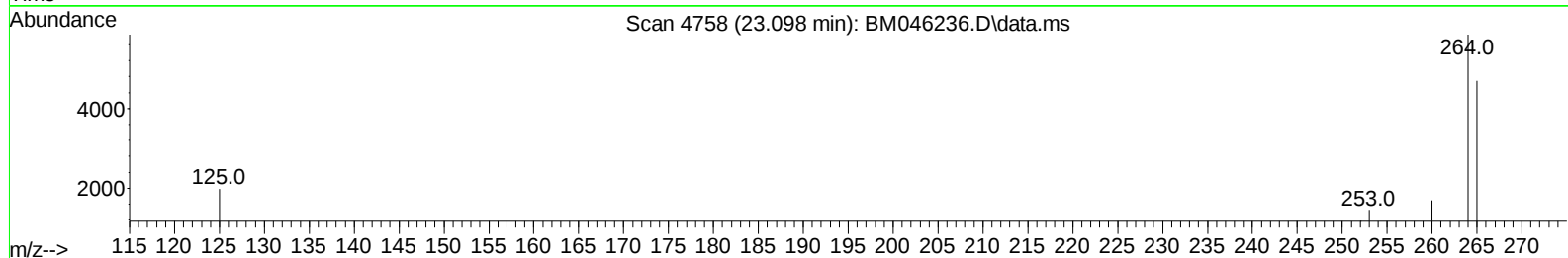
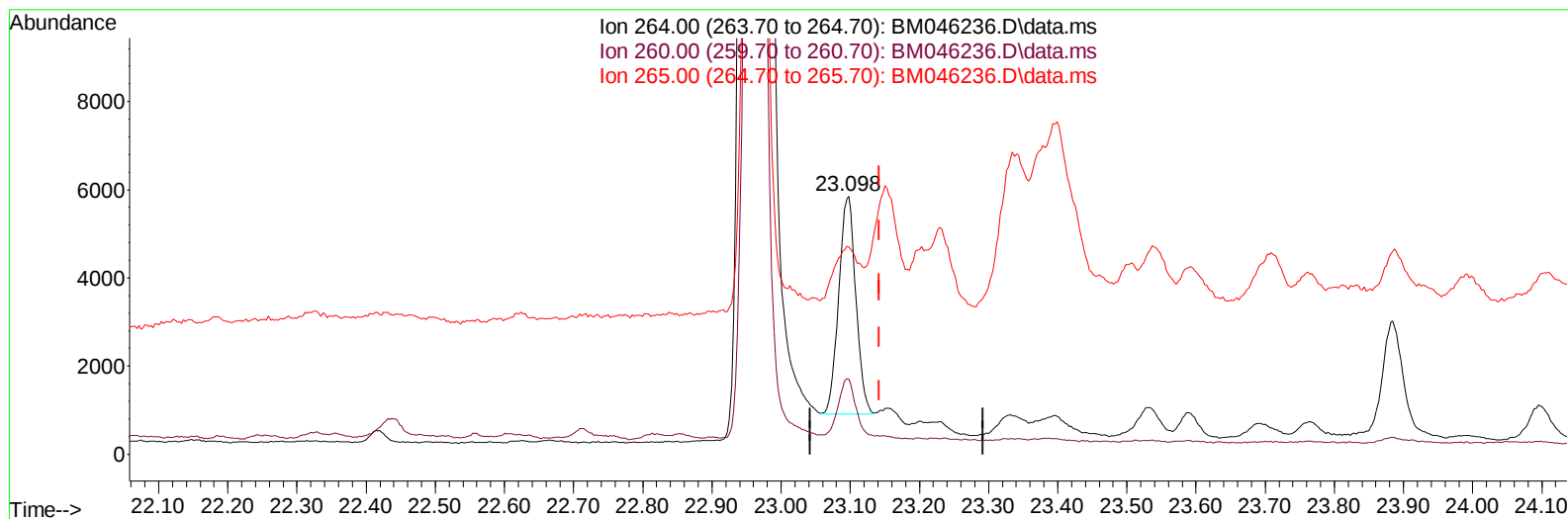
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:38 2024
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TIC: BM046236.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/ul m

response 8443

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	29.04
265.00	110.60	80.36#
0.00	0.00	0.00

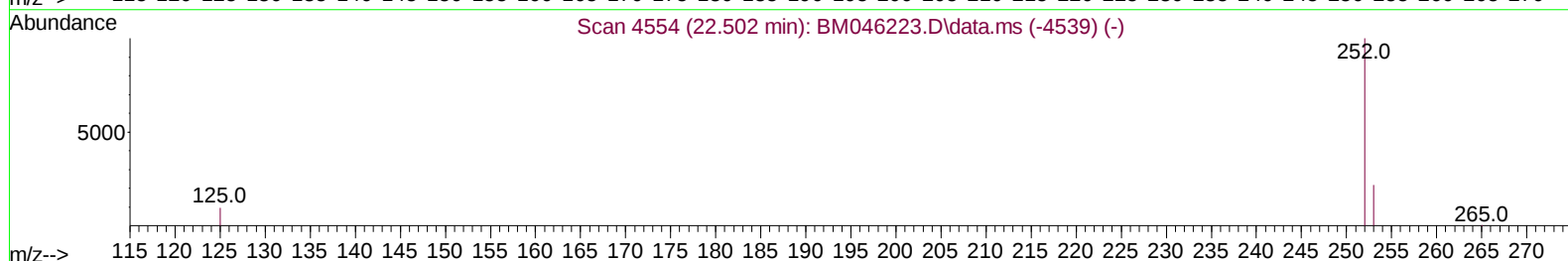
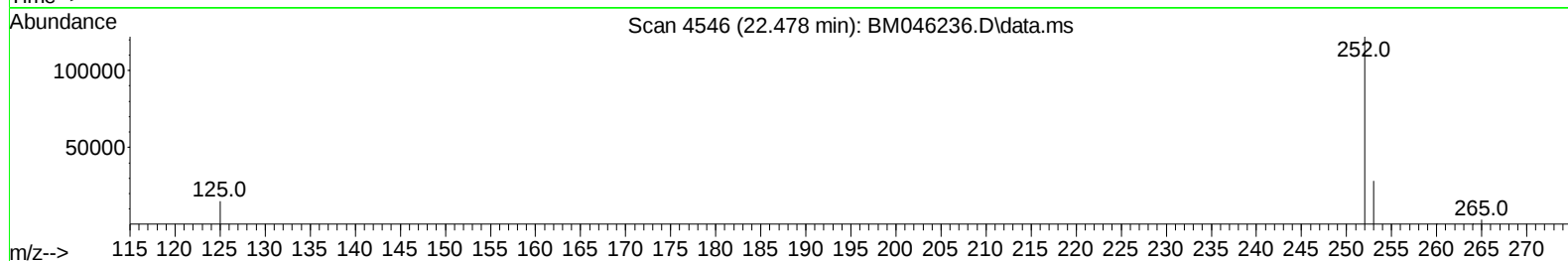
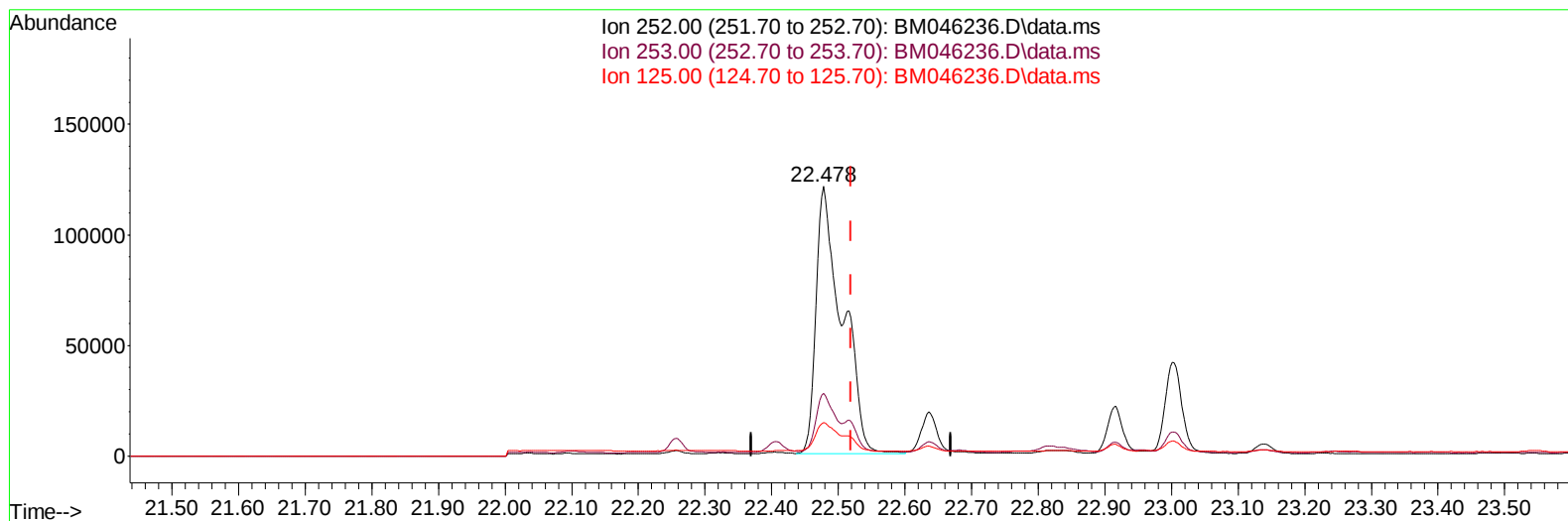
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
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TIC: BM046236.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 10.87 ng/u1

response 330574

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.32
125.00	20.10	12.33
0.00	0.00	0.00

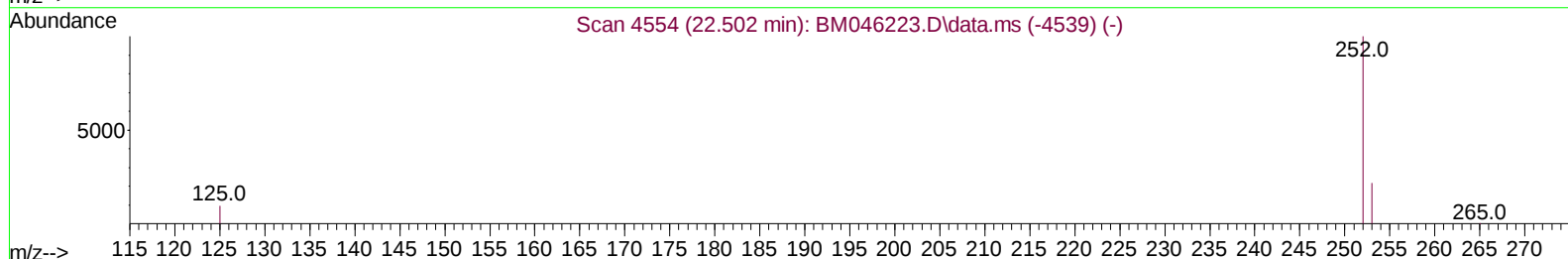
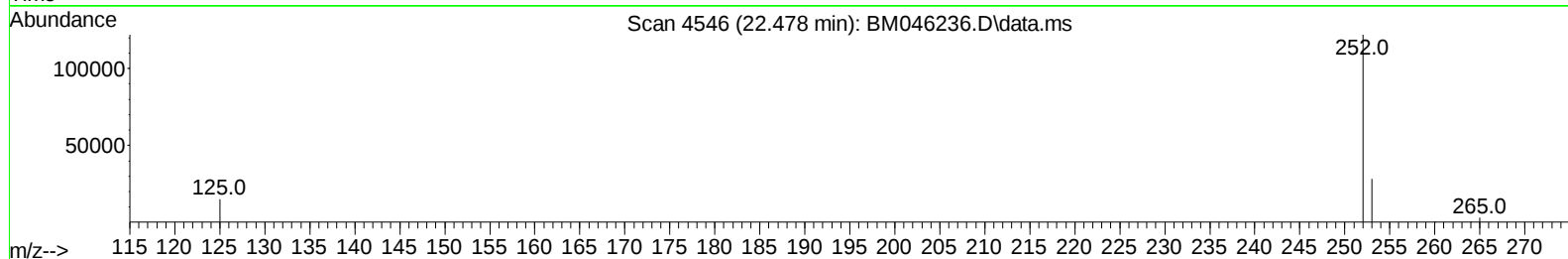
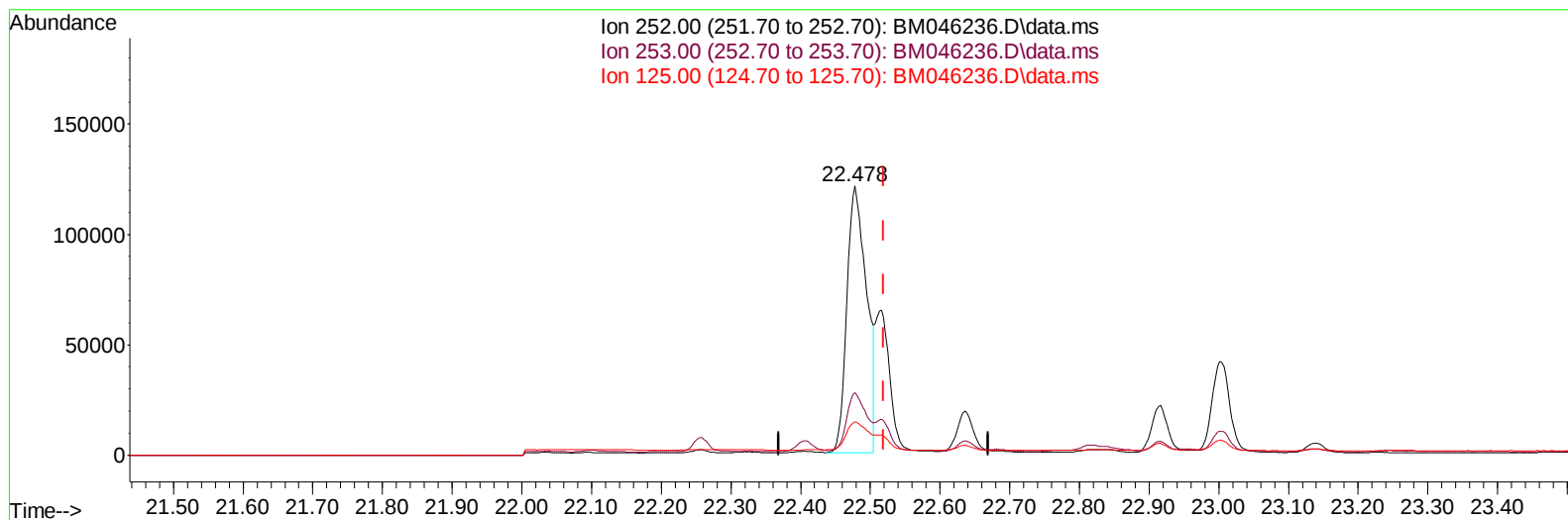
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046236.D
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 Sample : P2776-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046236.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 7.77 ng/u1 m

response 236453

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.32
125.00	20.10	12.33
0.00	0.00	0.00

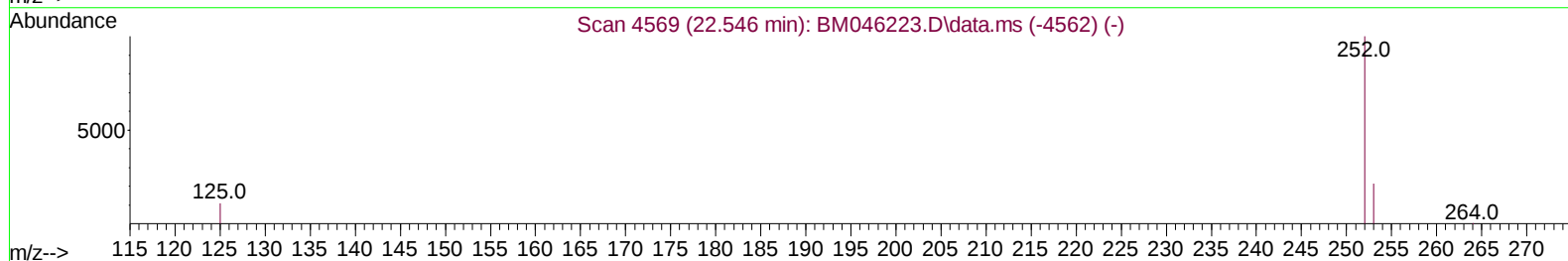
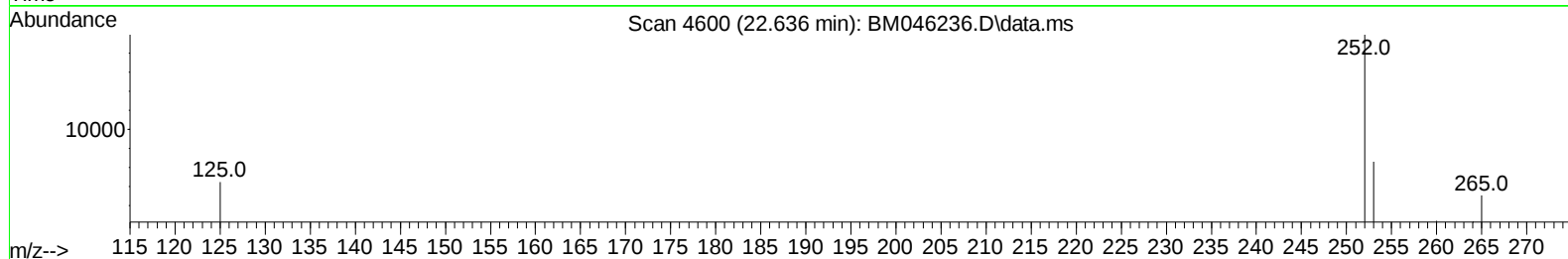
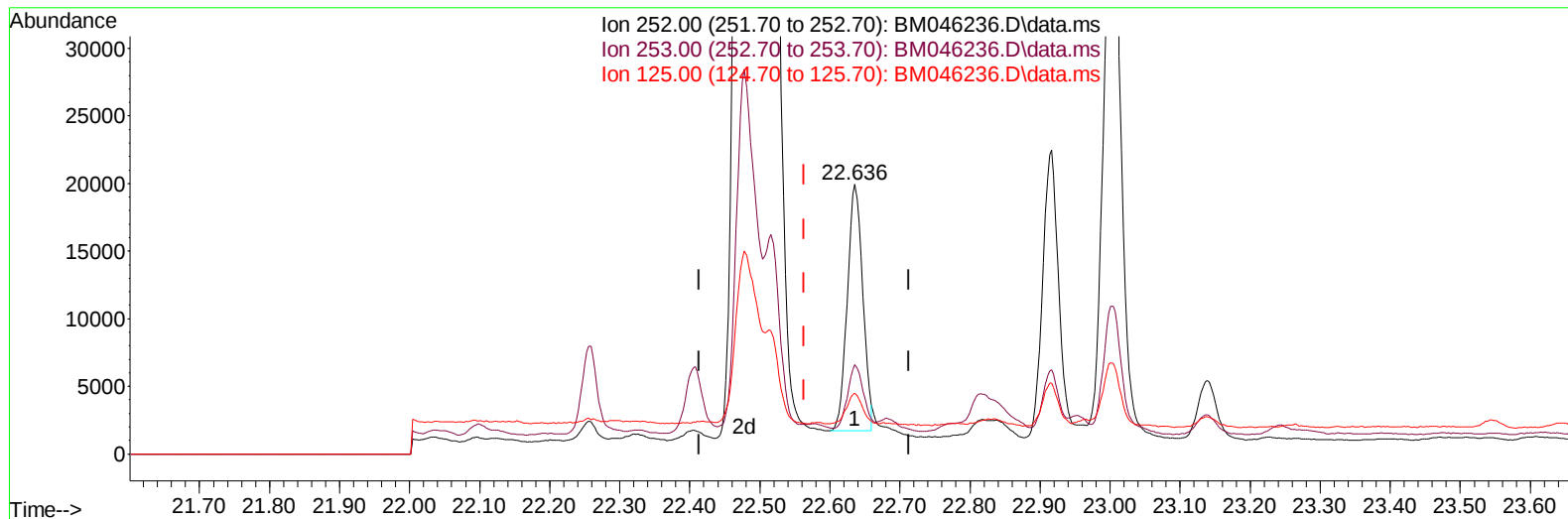
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
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Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

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TIC: BM046236.D\data.ms

(25) Benzo(k)fluoranthene

22.636min (+ 0.073) 0.77 ng/u1

response 27944

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.09
125.00	20.80	22.56
0.00	0.00	0.00

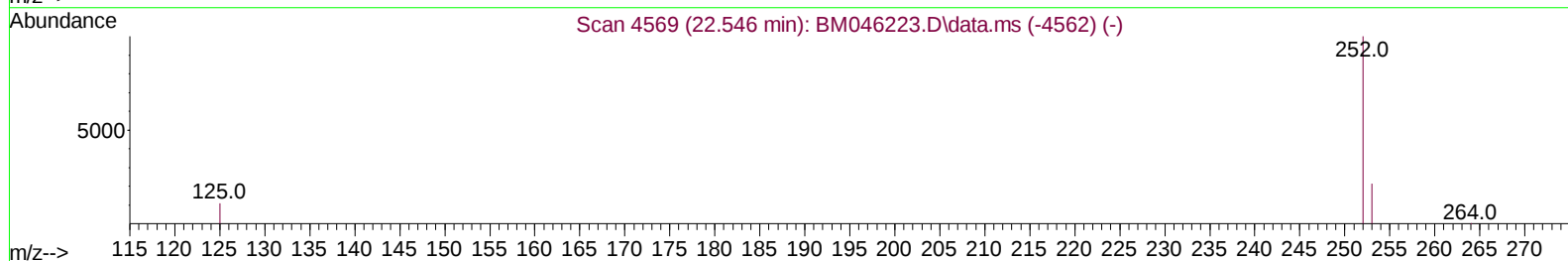
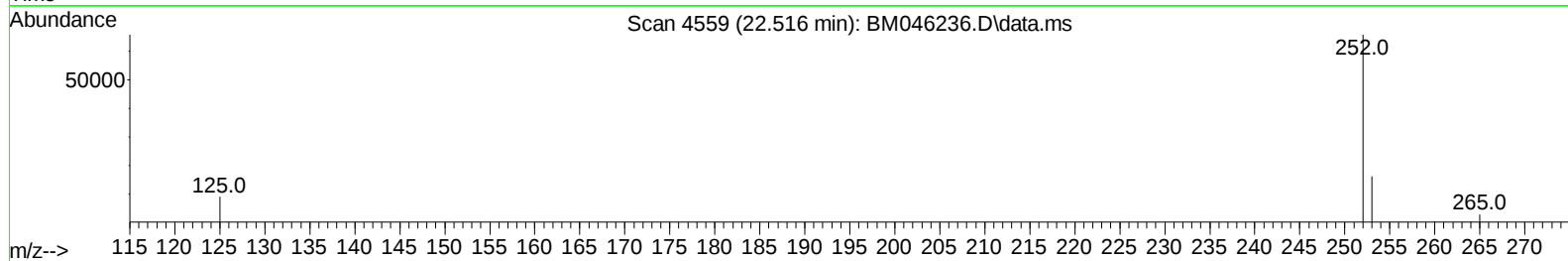
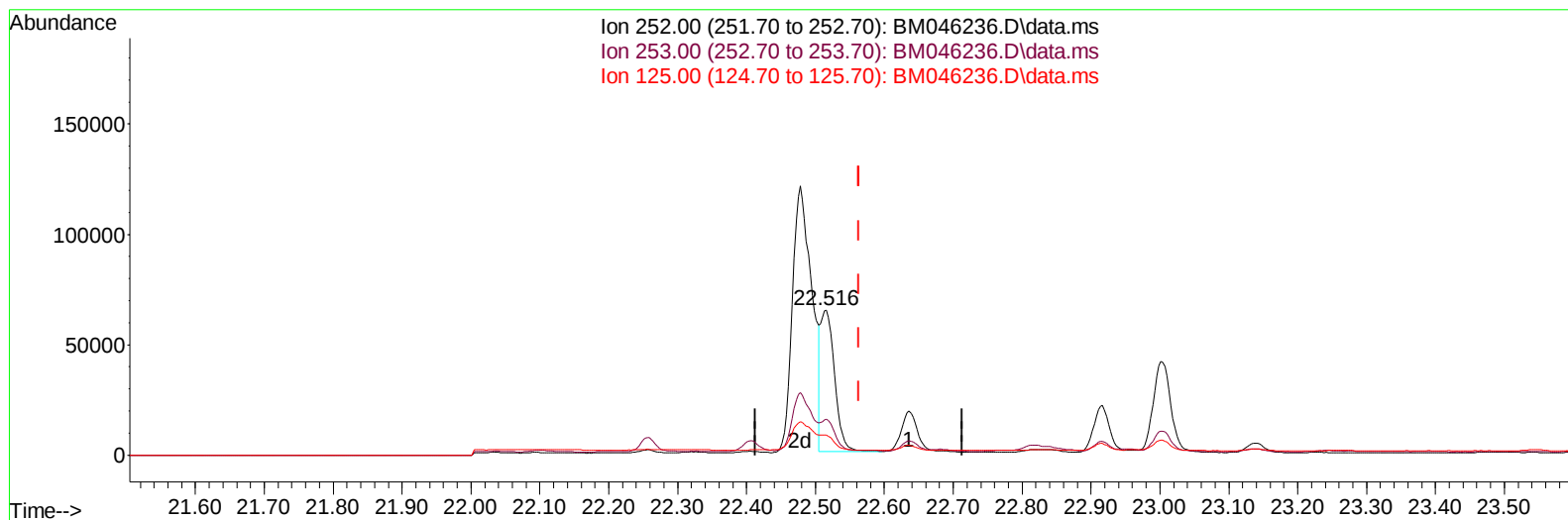
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B94

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:31:38 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



TIC: BM046236.D\data.ms

(25) Benzo(k)fluoranthene

22.516min (-0.047) 2.52 ng/u1 m

response 91201

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.70#
125.00	20.80	13.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046236.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2425	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.178	136	7496	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4276	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.795	188	9707m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.000	240	7060m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	8443m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	10524	3.163	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	2485	0.247	ng/ul	-0.07
18) Fluoranthene-d10	18.830	212	5878	0.278	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.222	128	6781	0.324	ng/ul	98
7) 2-Methylnaphthalene	11.871	142	2503	0.213	ng/ul	95
8) 1-Methylnaphthalene	12.086	142	2098	0.163	ng/ul	98
10) Acenaphthylene	13.771	152	10261	0.506	ng/ul	100
11) Acenaphthene	14.113	153	10622	0.725	ng/ul	98
12) Fluorene	15.108	166	13273	0.845	ng/ul	99
15) Phenanthrene	16.837	178	259710m	9.523	ng/ul	
16) Anthracene	16.930	178	50403m	2.482	ng/ul	
19) Fluoranthene	18.863	202	454102	14.855	ng/ul	95
20) Pyrene	19.225	202	295961	8.953	ng/ul	96
21) Benzo(a)anthracene	20.985	228	189837	6.961	ng/ul	99
22) Chrysene	21.035	228	183228	5.265	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	236453m	7.773	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	91201m	2.522	ng/ul	
26) Benzo(a)pyrene	23.001	252	73647	2.613	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.135	276	69603	1.509	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.135	278	28013	0.816	ng/ul	99
29) Benzo(g,h,i)perylene	25.759	276	10351	0.262	ng/ul#	86

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

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