

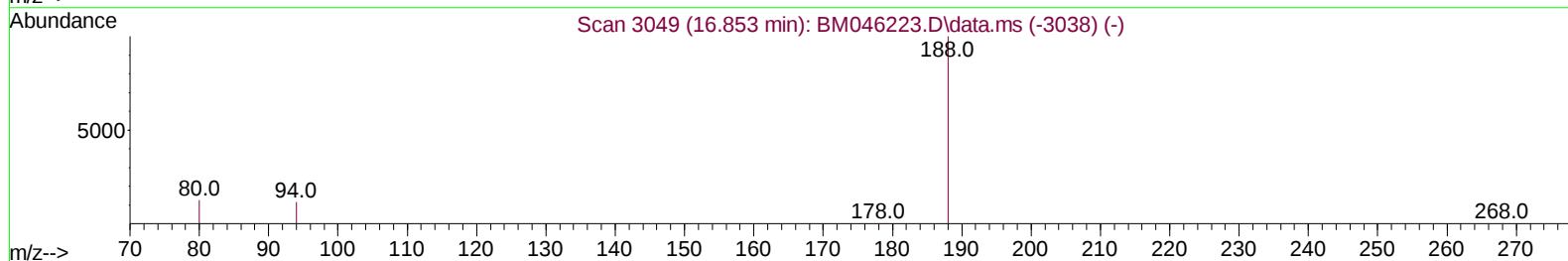
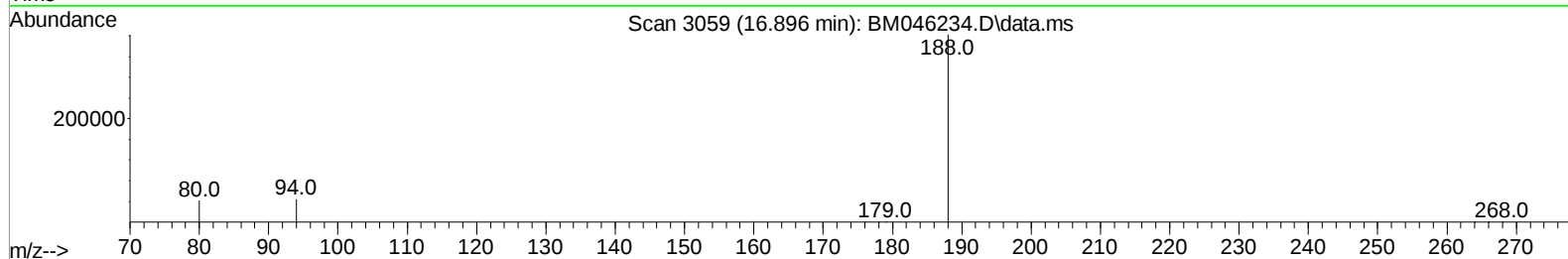
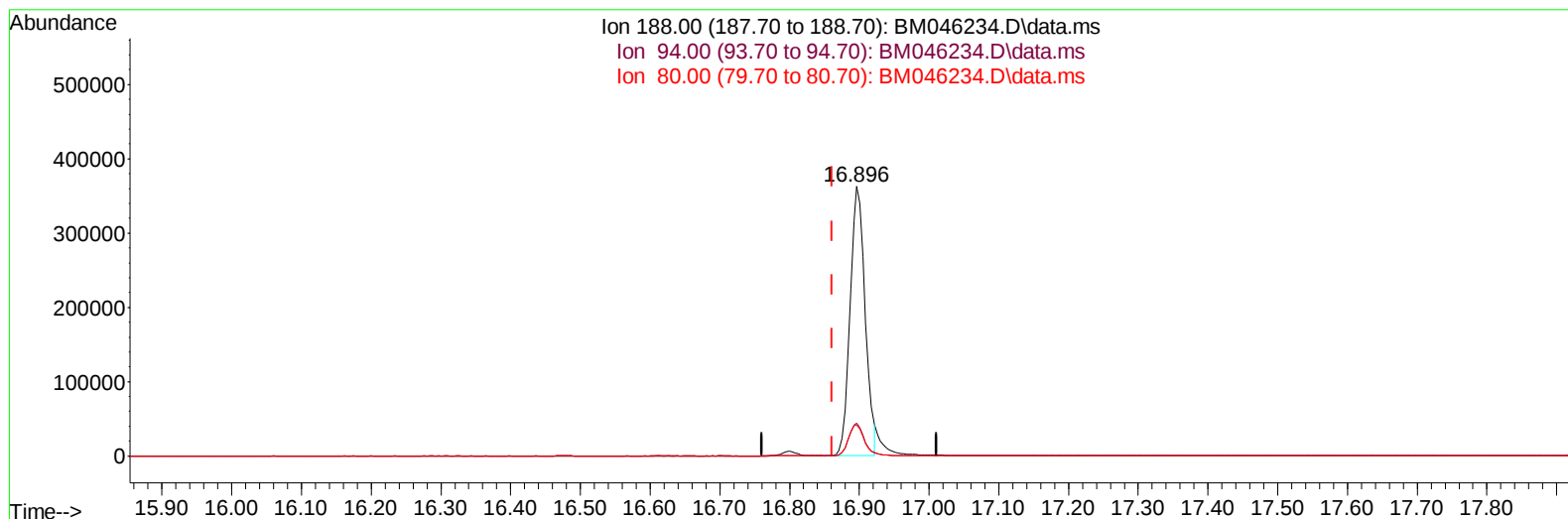
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

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

Quant Time: Jun 24 02:31:09 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: BM046234.D\data.ms

(13) Phenanthrene-d10 (I)**16.896min (+ 0.035) 0.40 ng/u1****response 540995**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.13
80.00	15.20	11.50#
0.00	0.00	0.00

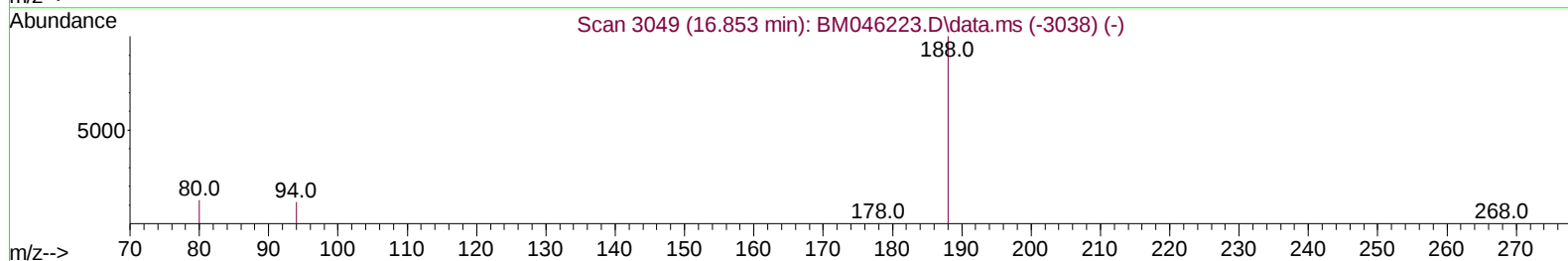
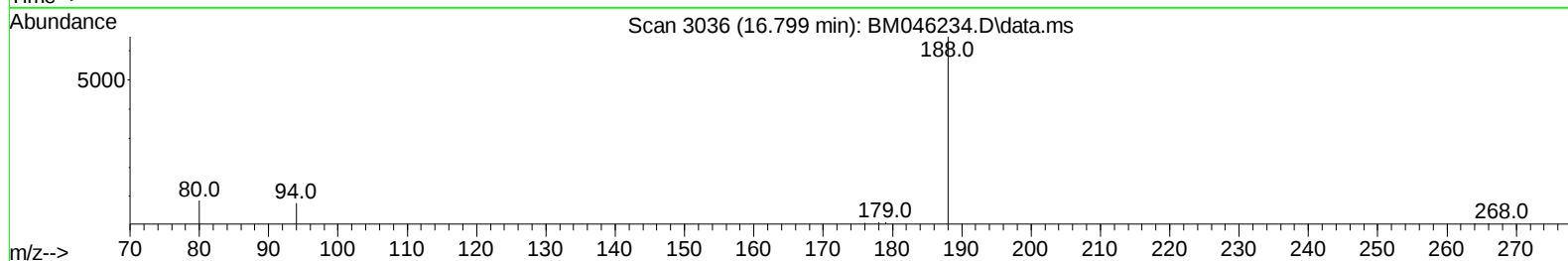
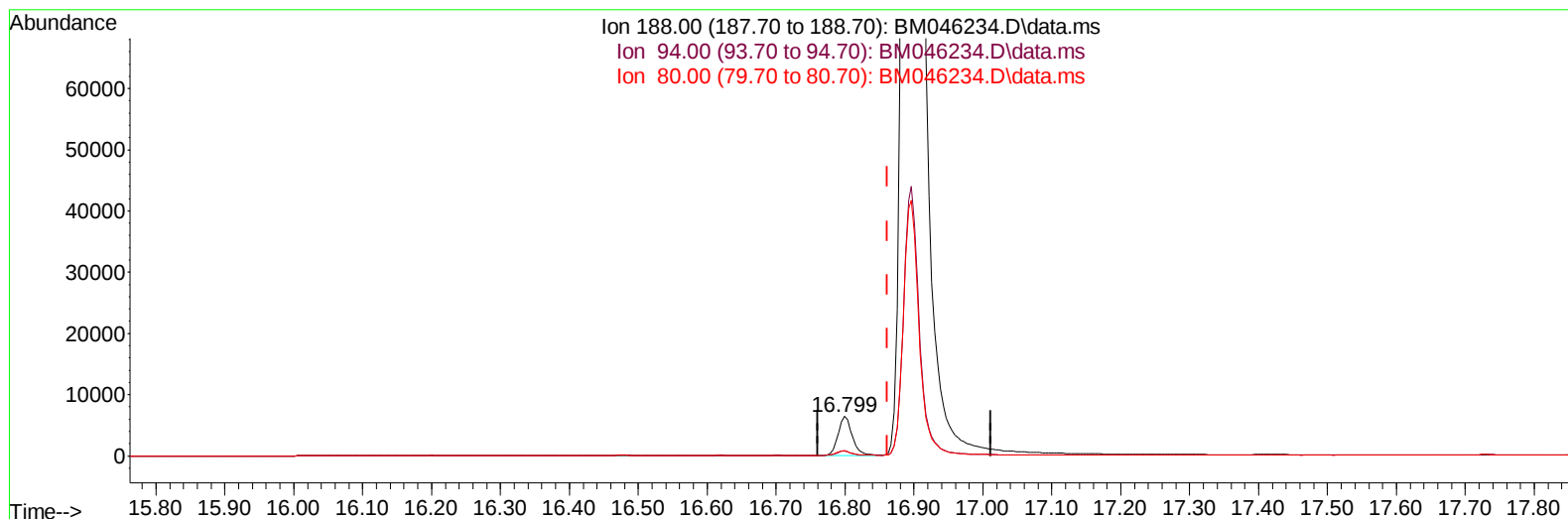
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Mon Jun 24 02:25:34 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046234.D\data.ms

(13) Phenanthrene-d10 (I)

16.799min (-0.062) 0.40 ng/u1 m

response 9185

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.82
80.00	15.20	13.17
0.00	0.00	0.00

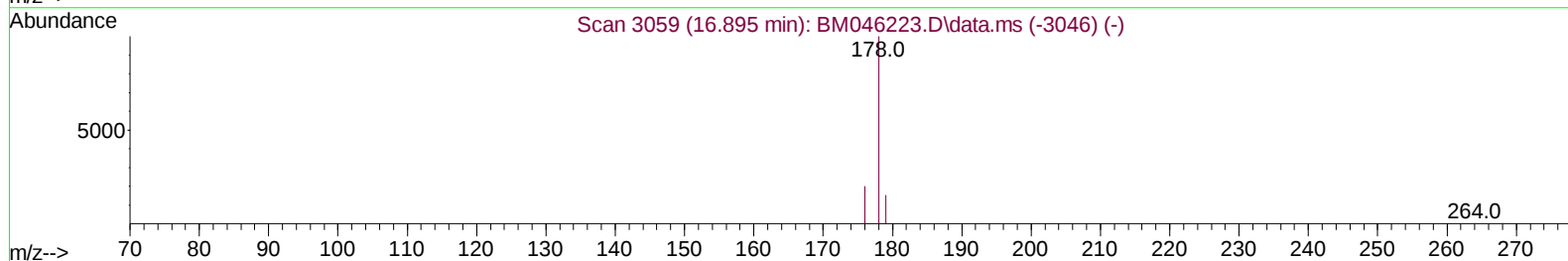
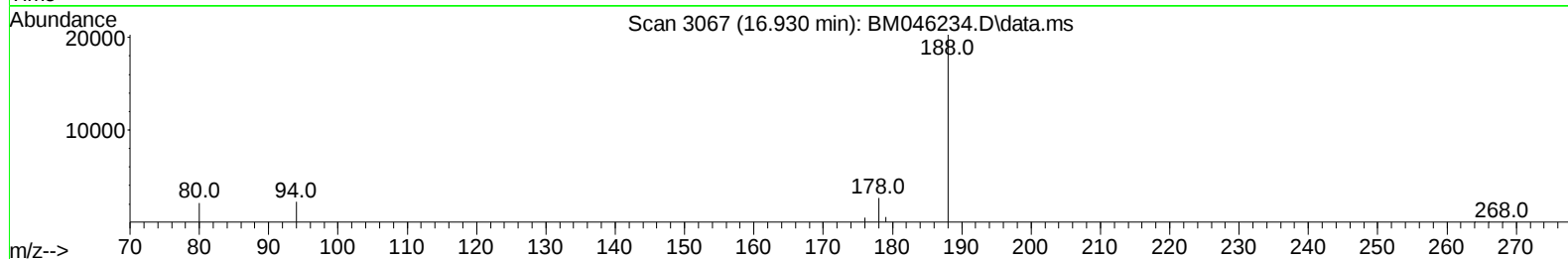
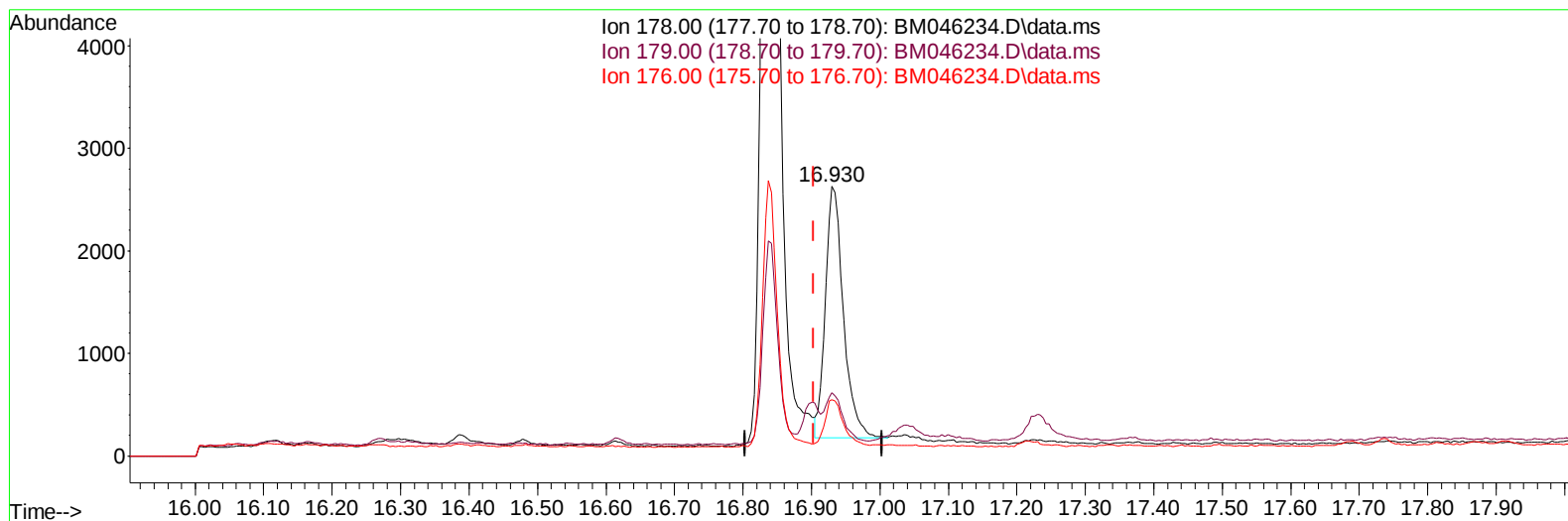
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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TIC: BM046234.D\data.ms

(15) Phenanthrene

16.930min (+ 0.027) 0.17 ng/u1

response 4460

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	23.44#
176.00	21.40	20.85
0.00	0.00	0.00

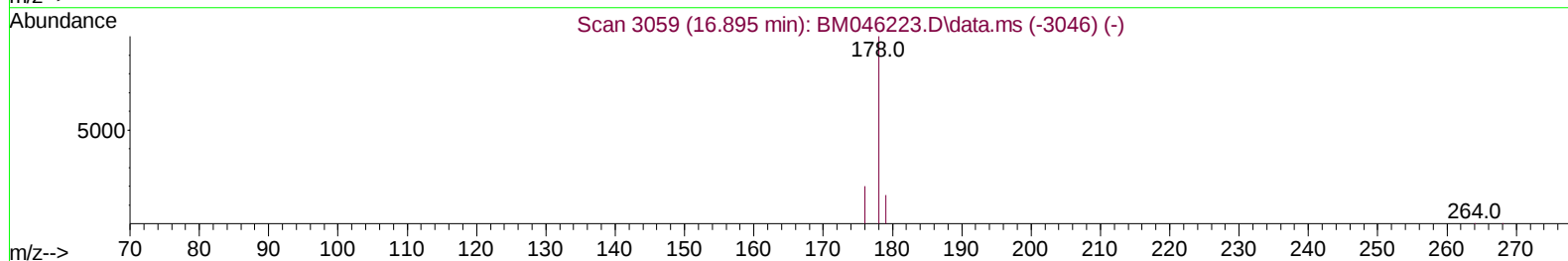
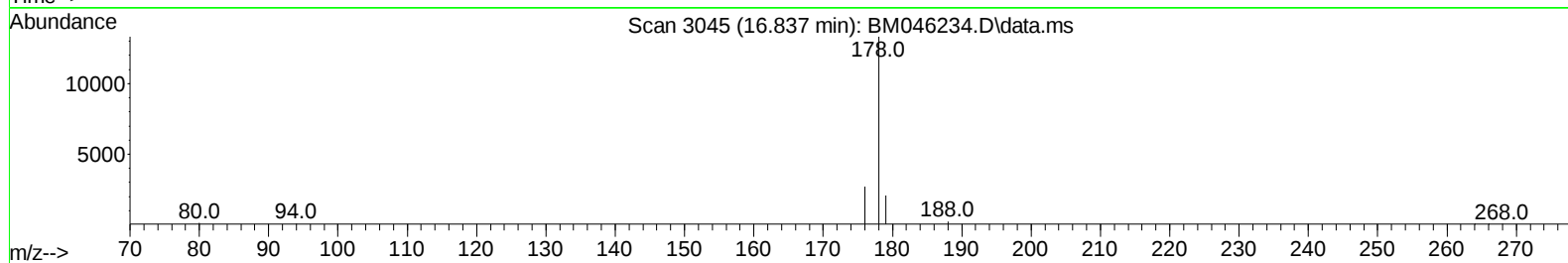
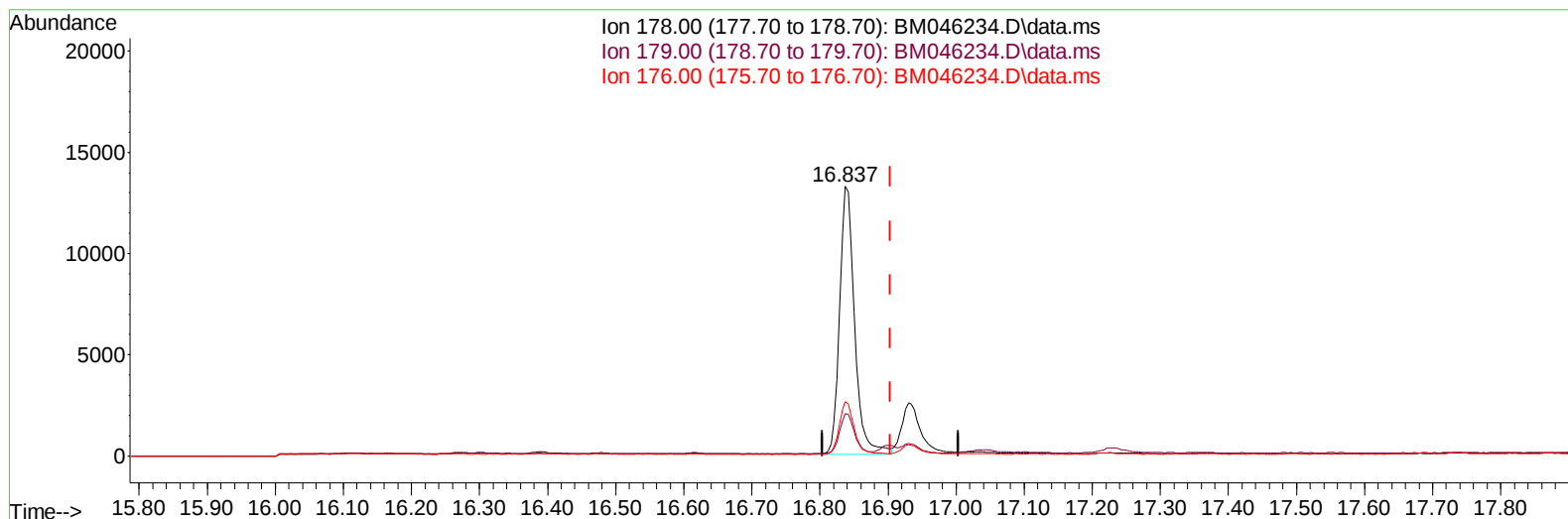
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

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

Quant Time: Jun 24 02:31:09 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: BM046234.D\data.ms

(15) Phenanthrene

16.837min (-0.066) 0.79 ng/u1 m

response 20359

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.76
176.00	21.40	20.18
0.00	0.00	0.00

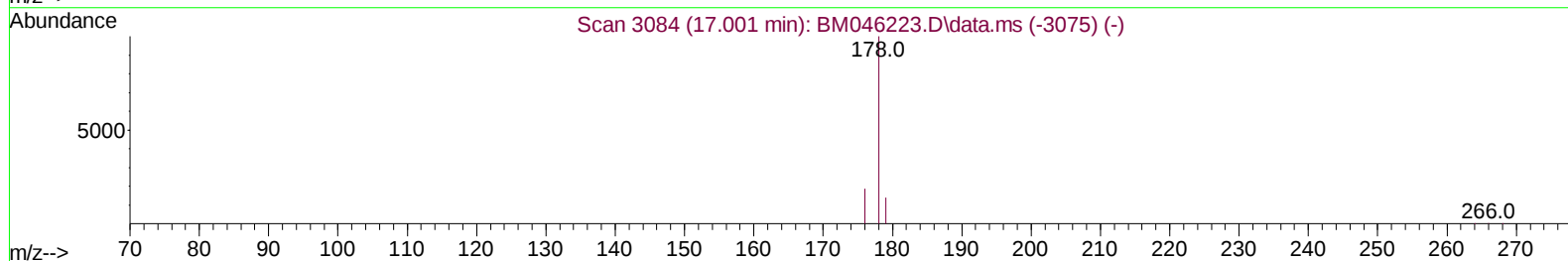
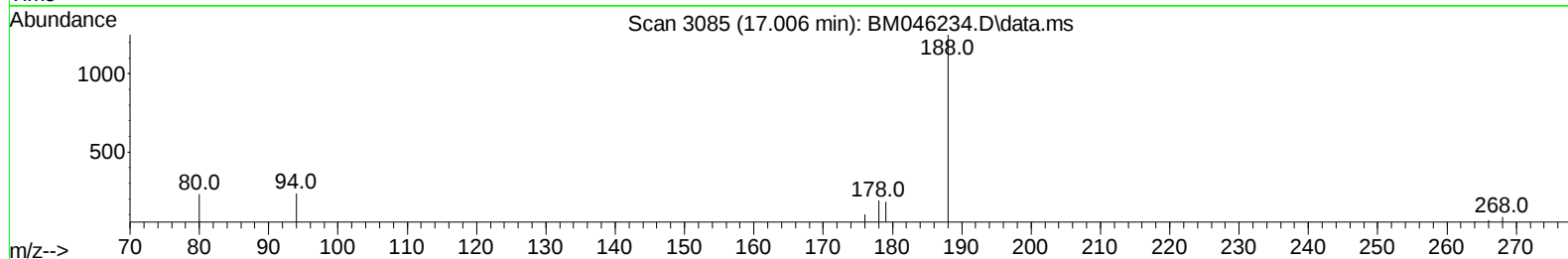
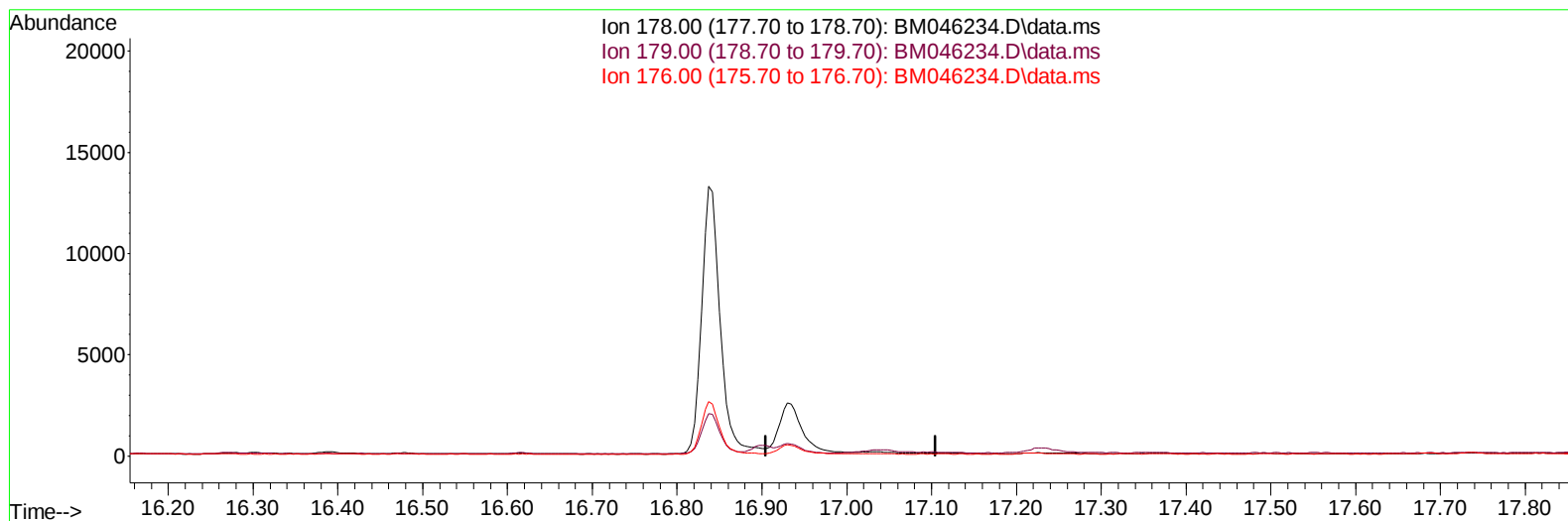
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046234.D\data.ms

(16) Anthracene

17.005min (-17.005) 0.00 ng/u1

response 0

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

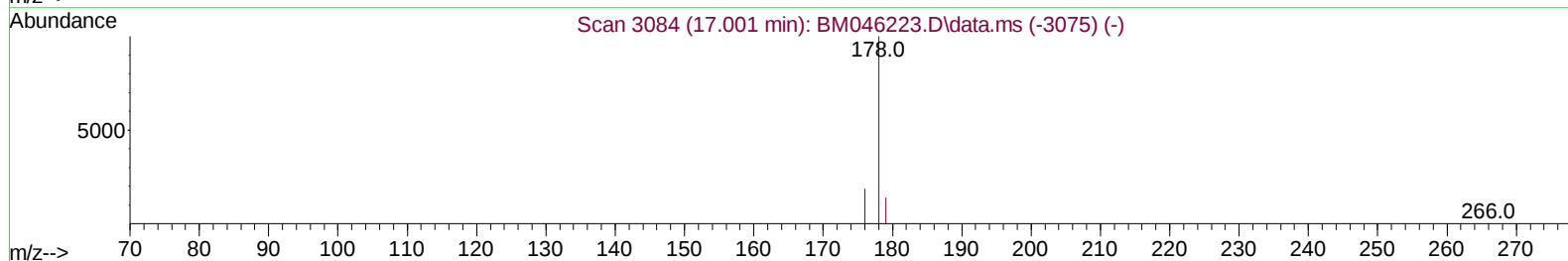
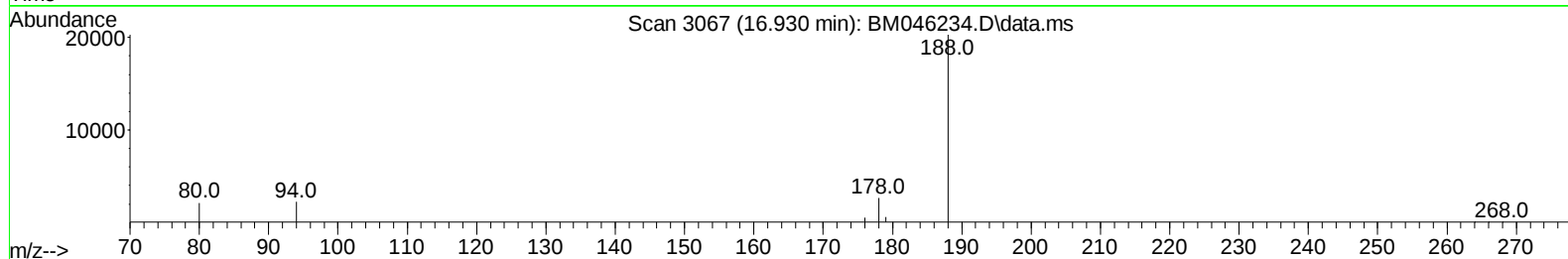
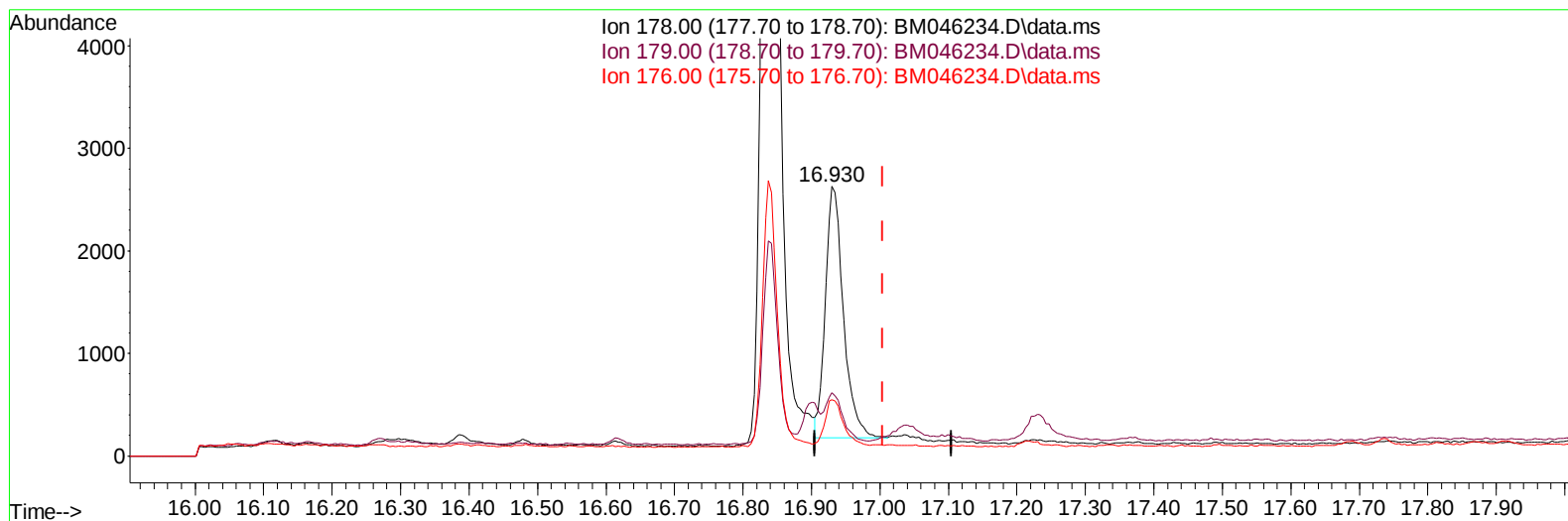
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 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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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046234.D\data.ms

(16) Anthracene

16.930min (-0.075) 0.23 ng/u1 m

response 4473

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	23.44#
176.00	21.20	20.85
0.00	0.00	0.00

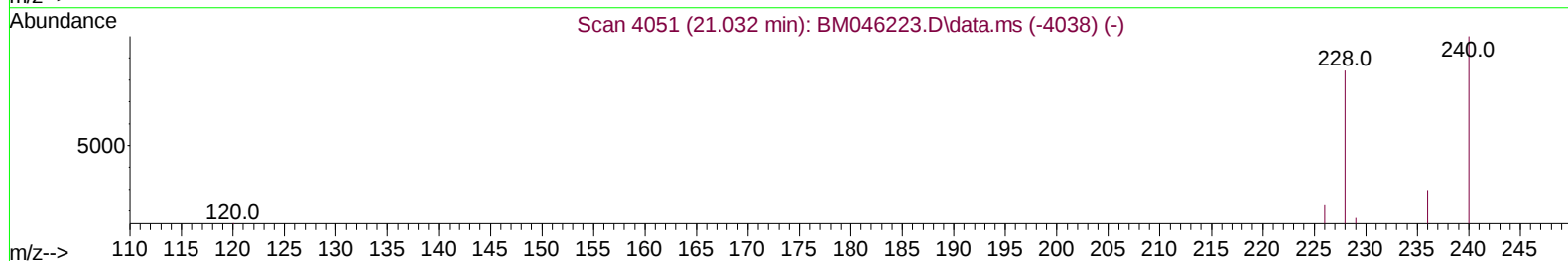
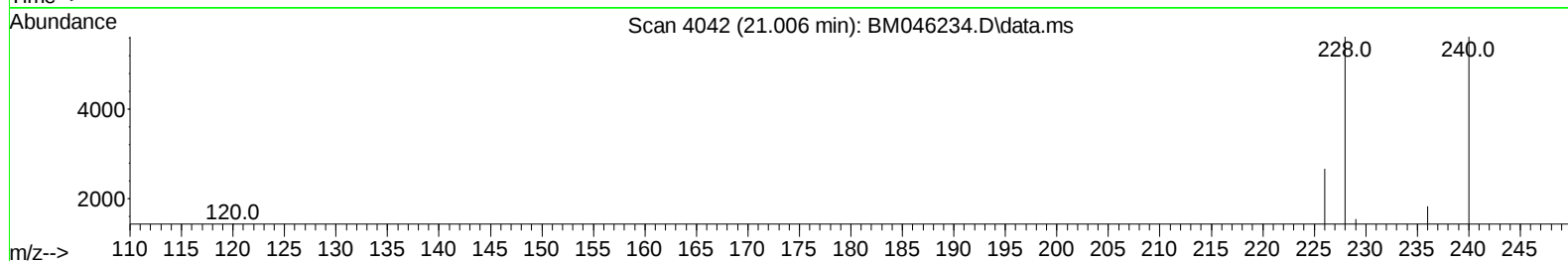
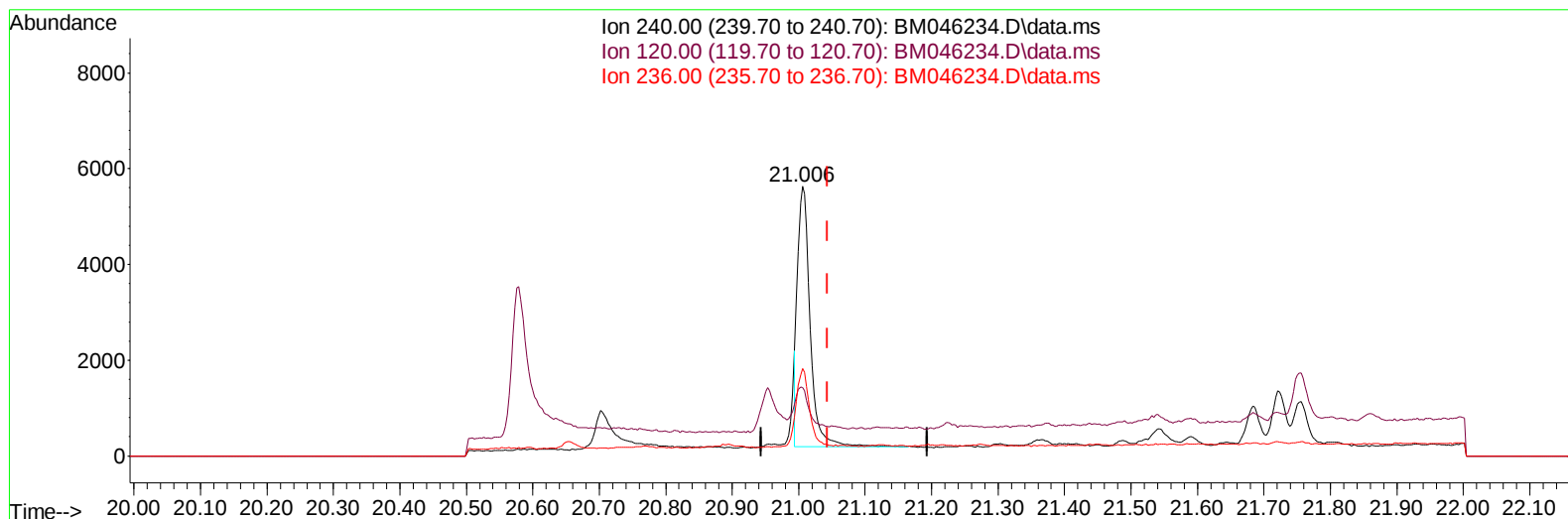
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 2024
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046234.D\data.ms

(17) Chrysene-d12

21.006min (-0.038) 0.40 ng/u1

response 7071

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	25.34
236.00	33.60	32.46
0.00	0.00	0.00

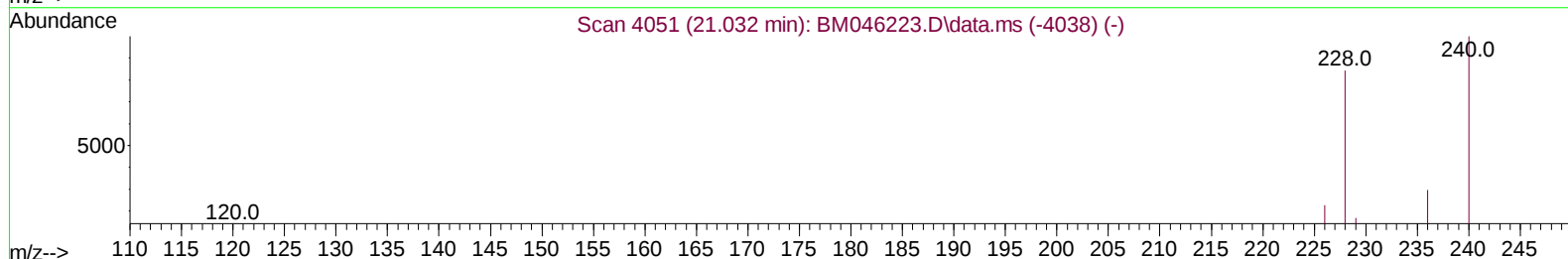
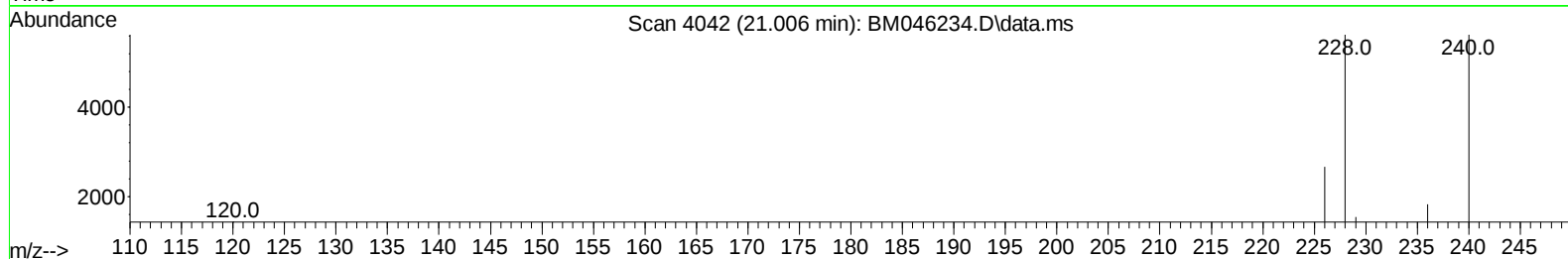
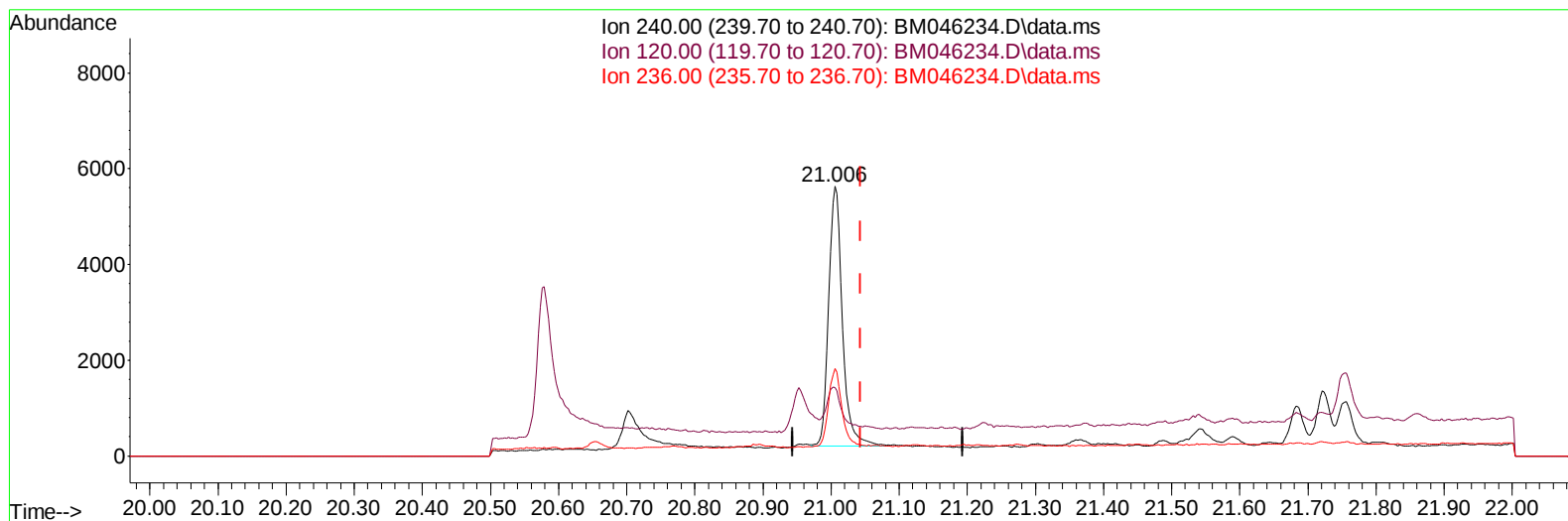
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 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: BM046234.D\data.ms

(17) Chrysene-d12

21.006min (-0.038) 0.40 ng/u1 m

response 7561

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	25.34
236.00	33.60	32.46
0.00	0.00	0.00

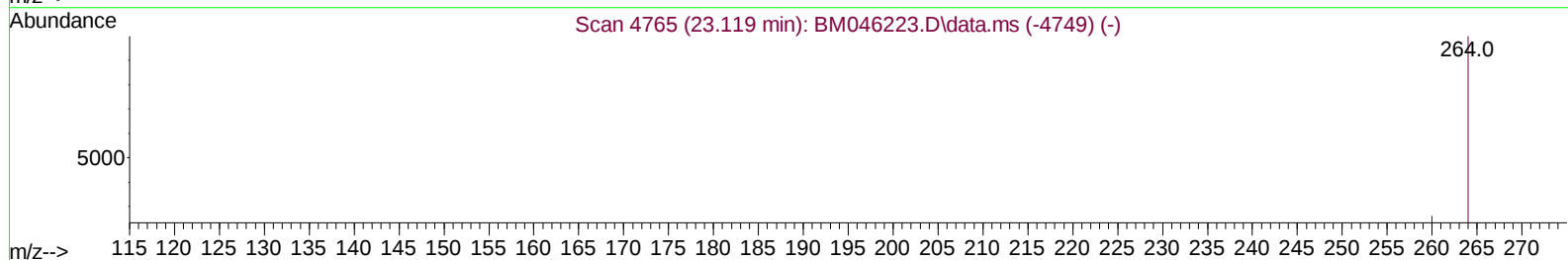
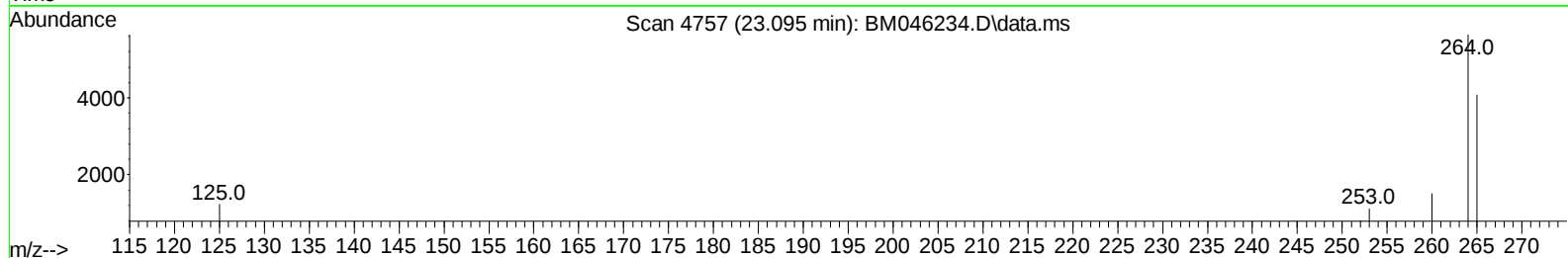
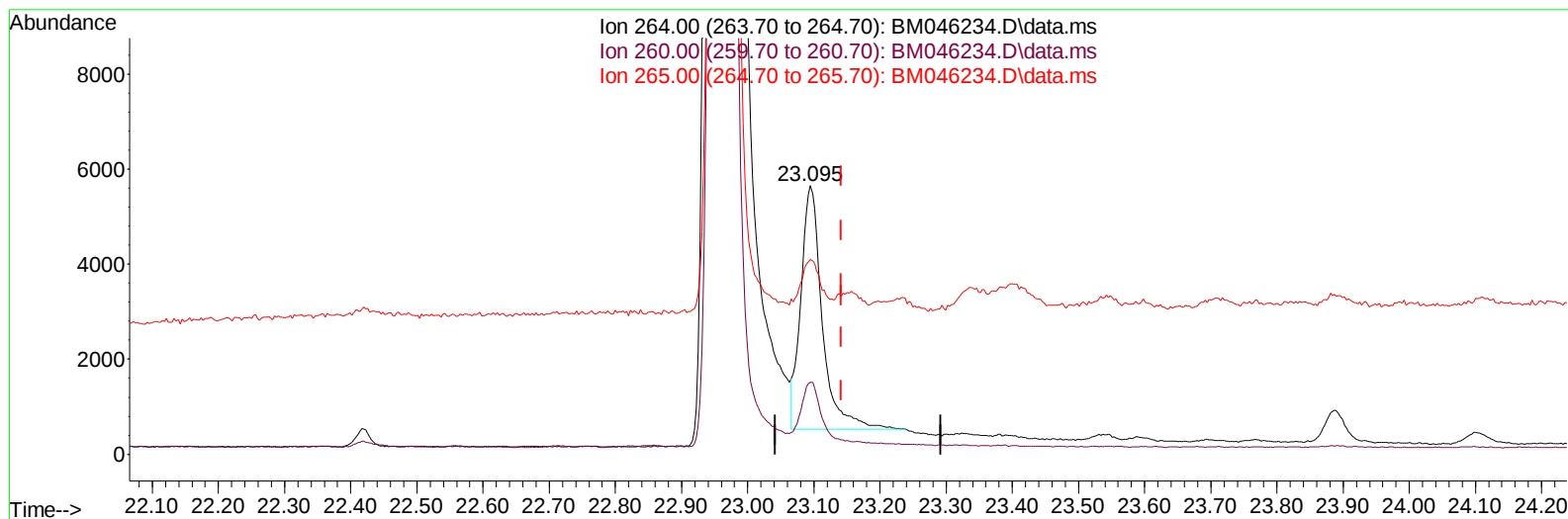
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

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TIC: BM046234.D\data.ms

(23) Perylene-d12 (I)

23.095min (-0.047) 0.40 ng/u1

response 11385

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.79
265.00	110.60	72.41#
0.00	0.00	0.00

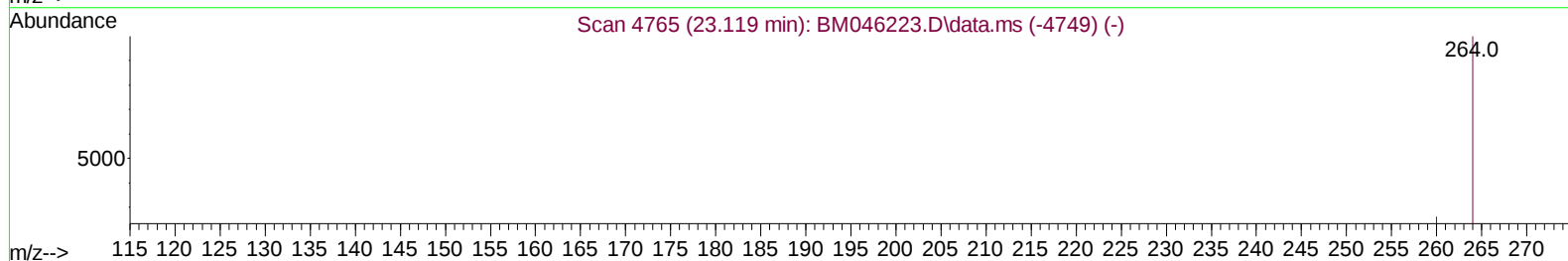
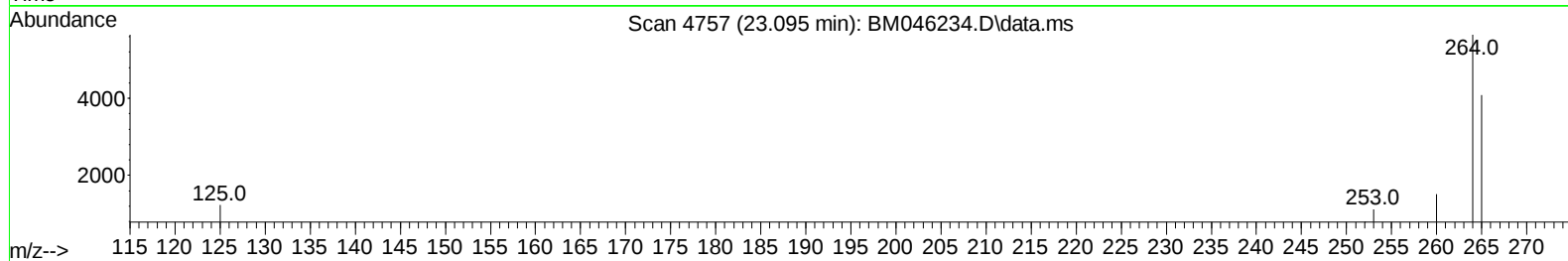
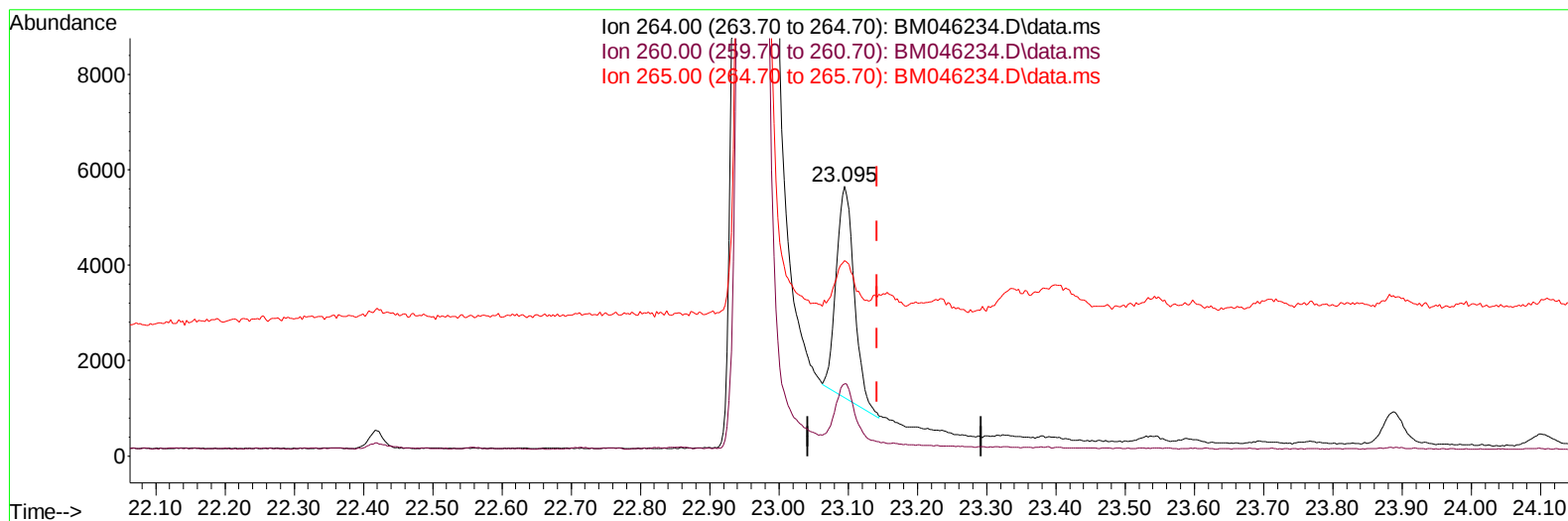
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

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TIC: BM046234.D\data.ms

(23) Perylene-d12 (I)

23.095min (-0.047) 0.40 ng/ul m

response 7968

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.79
265.00	110.60	72.41#
0.00	0.00	0.00

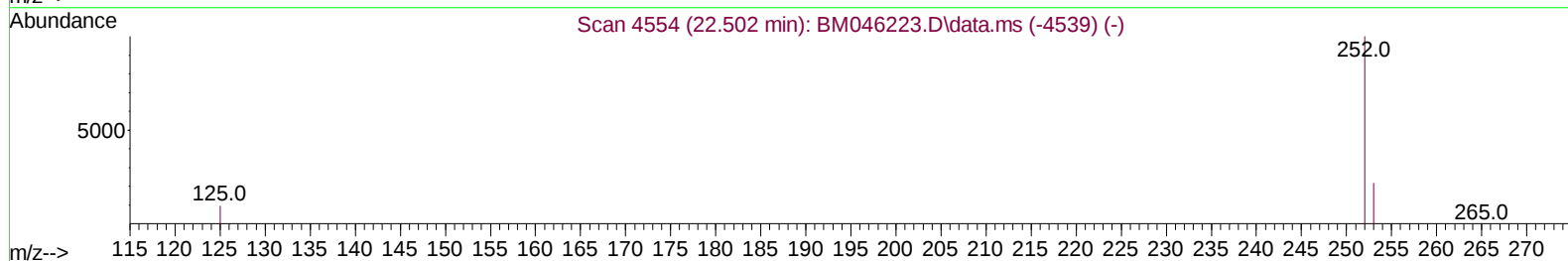
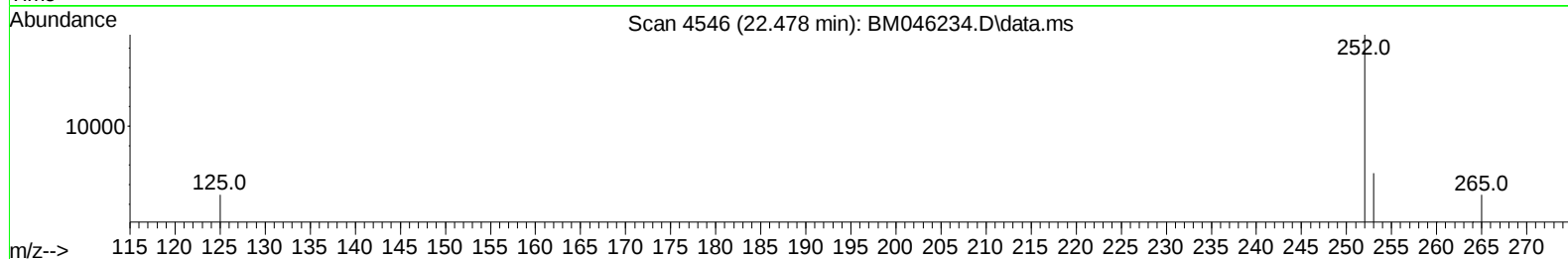
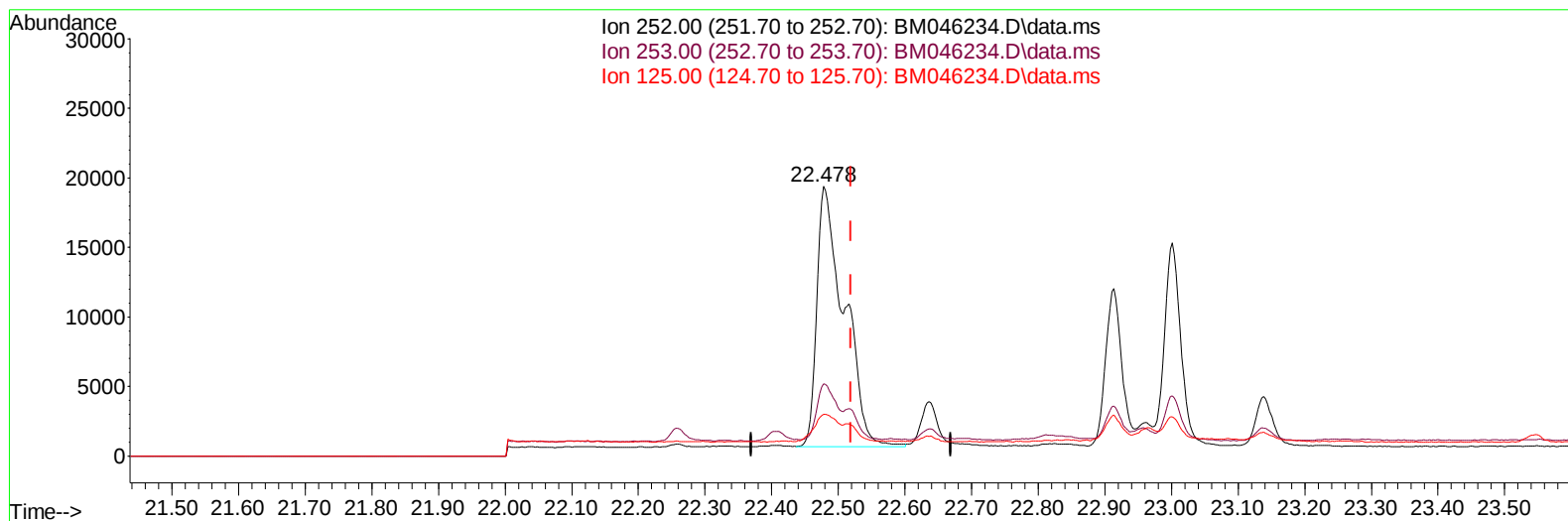
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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TIC: BM046234.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 1.86 ng/u1

response 53345

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	26.80
125.00	20.10	15.40
0.00	0.00	0.00

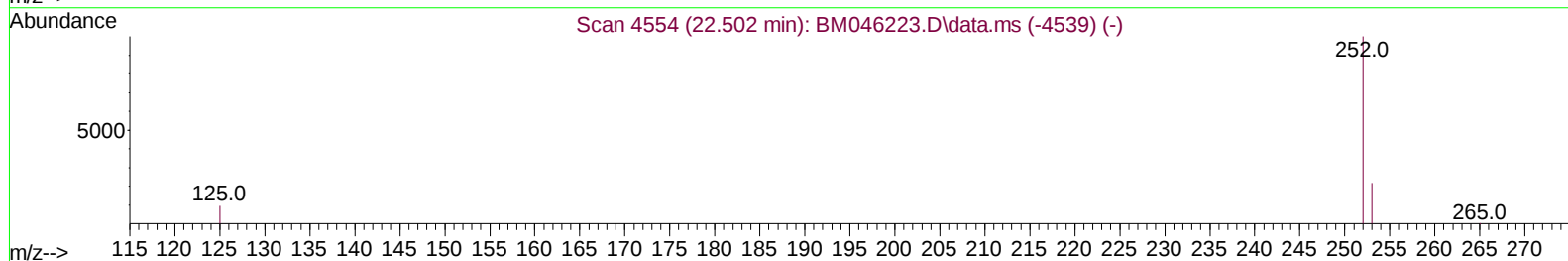
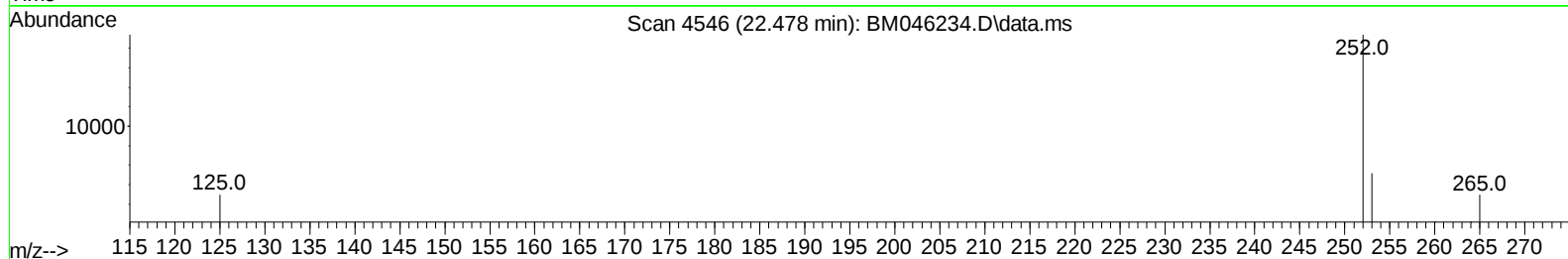
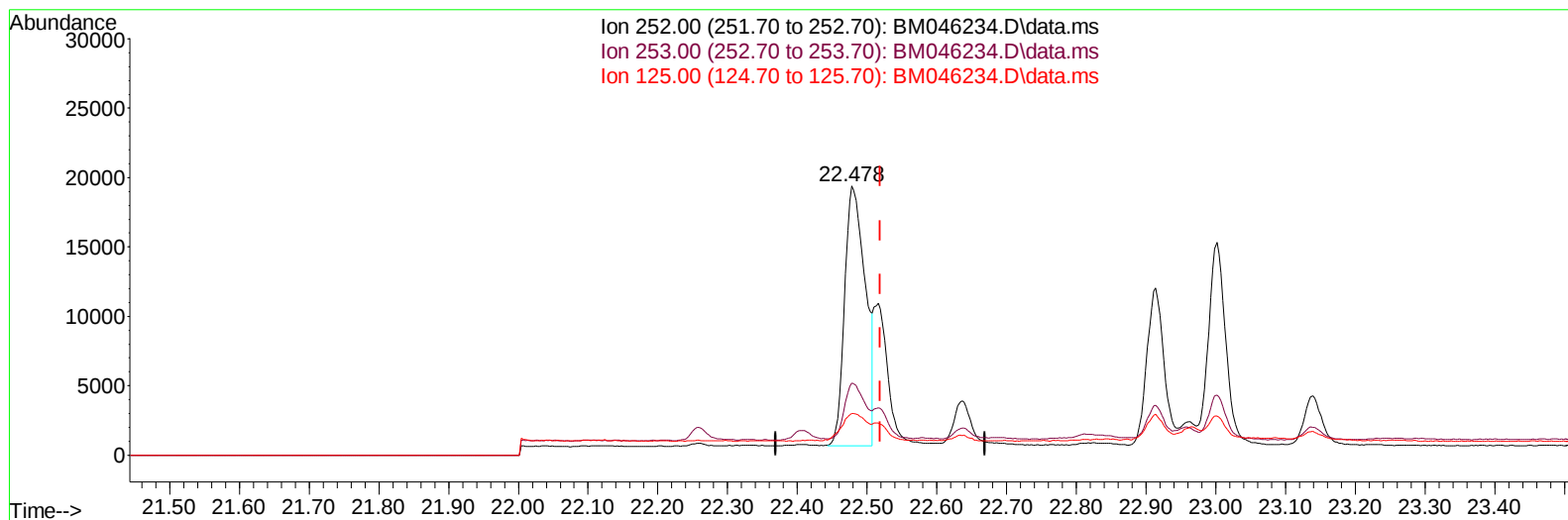
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM046234.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 1.35 ng/u1 m

response 38735

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	26.80
125.00	20.10	15.40
0.00	0.00	0.00

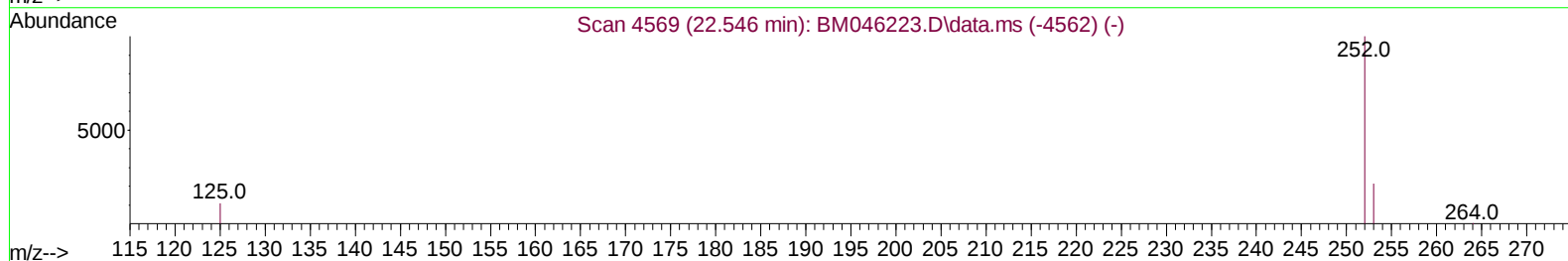
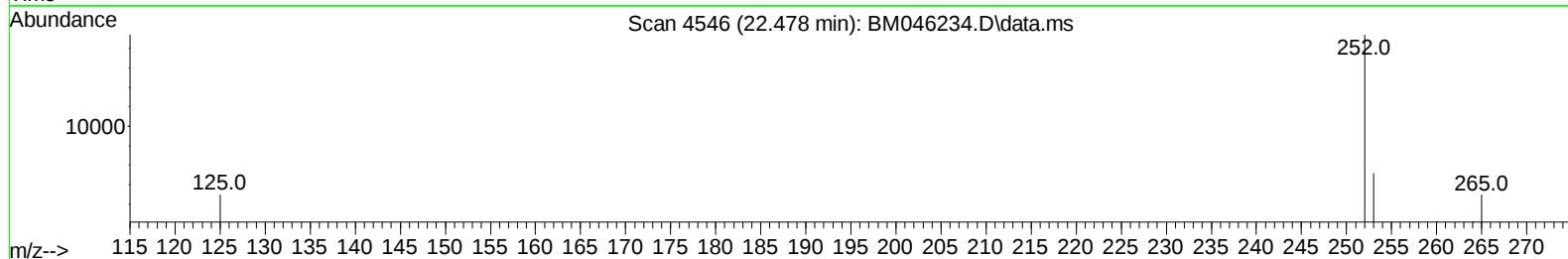
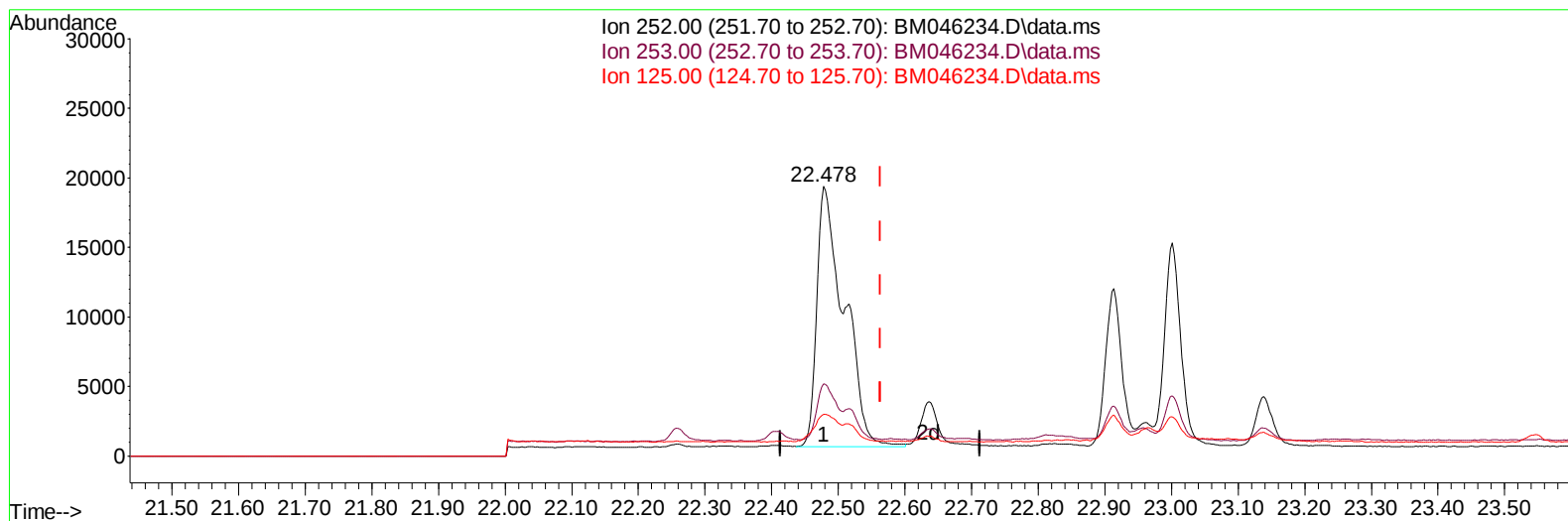
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 2024
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046234.D\data.ms

(25) Benzo(k)fluoranthene

22.478min (-0.085) 1.56 ng/u1

response 53345

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.80#
125.00	20.80	15.40#
0.00	0.00	0.00

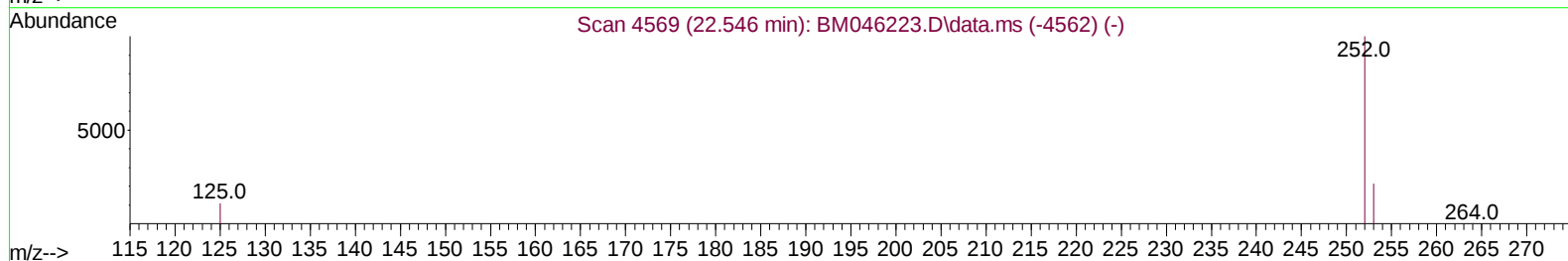
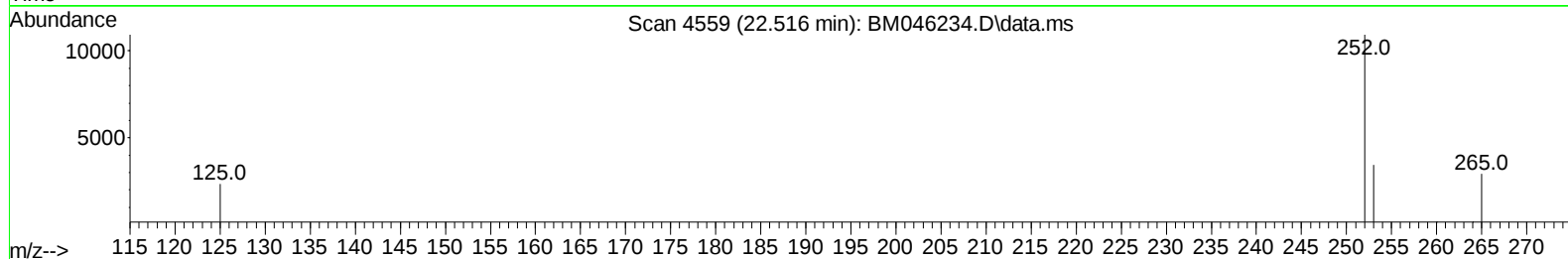
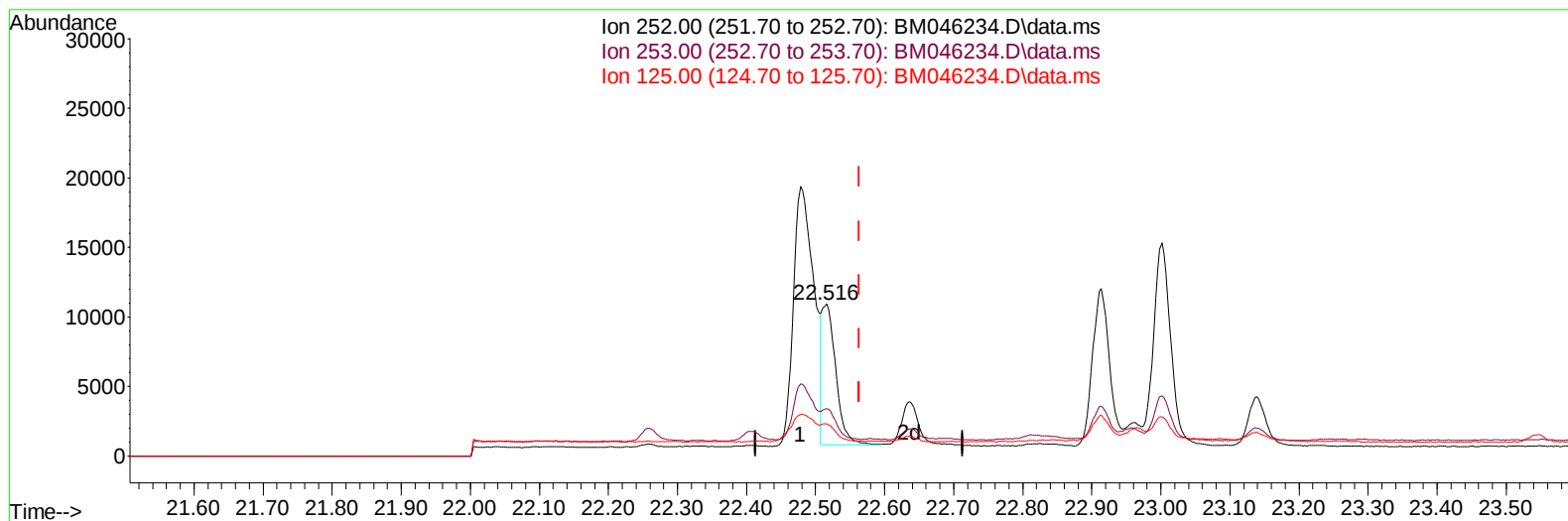
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C74

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:31:09 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: BM046234.D\data.ms

(25) Benzo(k)fluoranthene

22.516min (-0.047) 0.40 ng/u1 m

response 13812

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.39
125.00	20.80	21.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.405	152		2682	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136		8149	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164		4415	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188		9185m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.006	240		7561m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264		7968m	0.400	ng/ul	-0.05
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.021	96		15476	4.206	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152		3453	0.316	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212		6950	0.307	ng/ul	-0.05
Target Compounds							Qvalue
5) Naphthalene	10.222	128		770	0.034	ng/ul#	70
7) 2-Methylnaphthalene	11.871	142		295	0.023	ng/ul	99
10) Acenaphthylene	13.771	152		3185	0.152	ng/ul#	93
11) Acenaphthene	14.113	153		783	0.052	ng/ul	96
12) Fluorene	15.108	166		903	0.056	ng/ul#	96
15) Phenanthrene	16.837	178		20359m	0.789	ng/ul	
16) Anthracene	16.930	178		4473m	0.233	ng/ul	
19) Fluoranthene	18.863	202		52663	1.609	ng/ul	98
20) Pyrene	19.230	202		46812	1.322	ng/ul	95
21) Benzo(a)anthracene	20.991	228		26448	0.906	ng/ul	96
22) Chrysene	21.041	228		24434	0.656	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252		38735m	1.349	ng/ul	
25) Benzo(k)fluoranthene	22.516	252		13812m	0.405	ng/ul	
26) Benzo(a)pyrene	23.001	252		25120	0.944	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.142	276		21169	0.486	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.145	278		4685	0.145	ng/ul#	71
29) Benzo(g,h,i)perylene	25.759	276		21386	0.573	ng/ul	98

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

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