

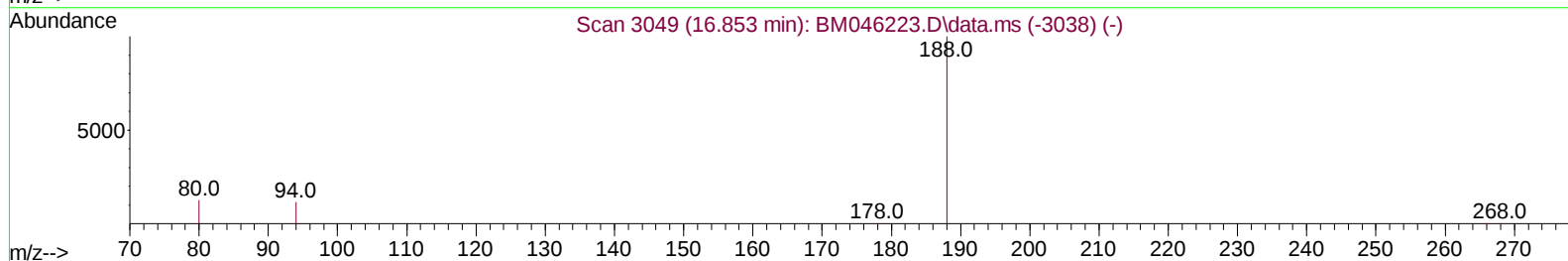
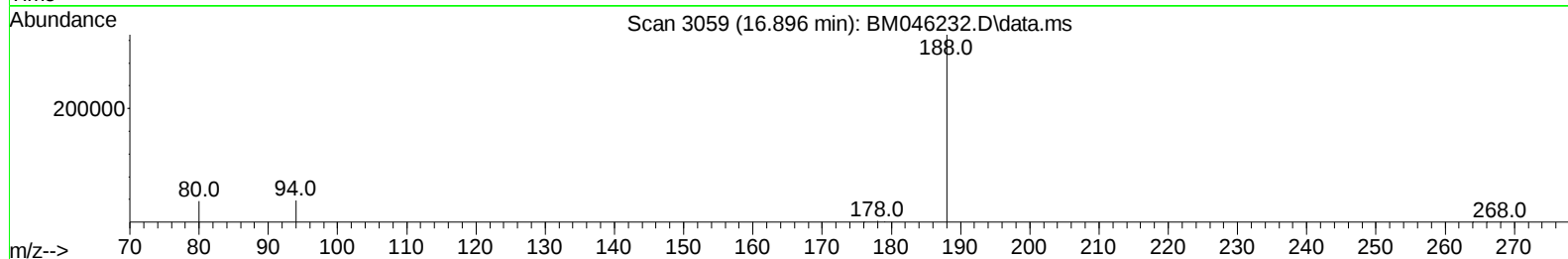
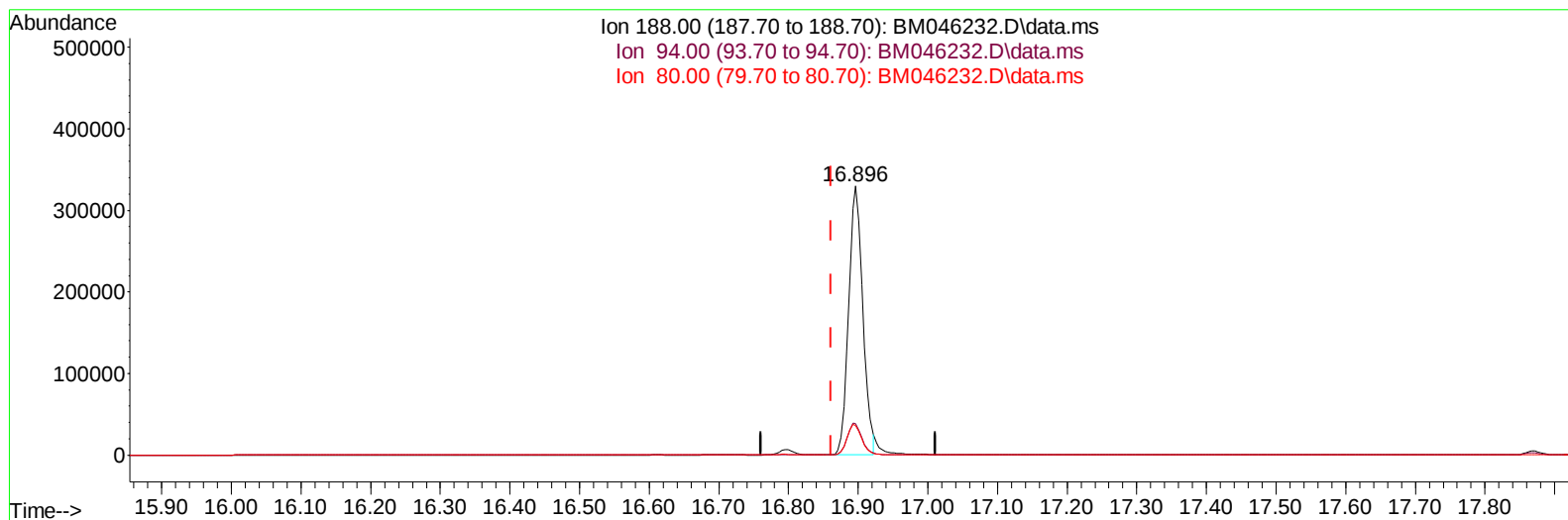
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(13) Phenanthrene-d10 (I)

16.896min (+ 0.035) 0.40 ng/u1

response 464801

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.62
80.00	15.20	11.10#
0.00	0.00	0.00

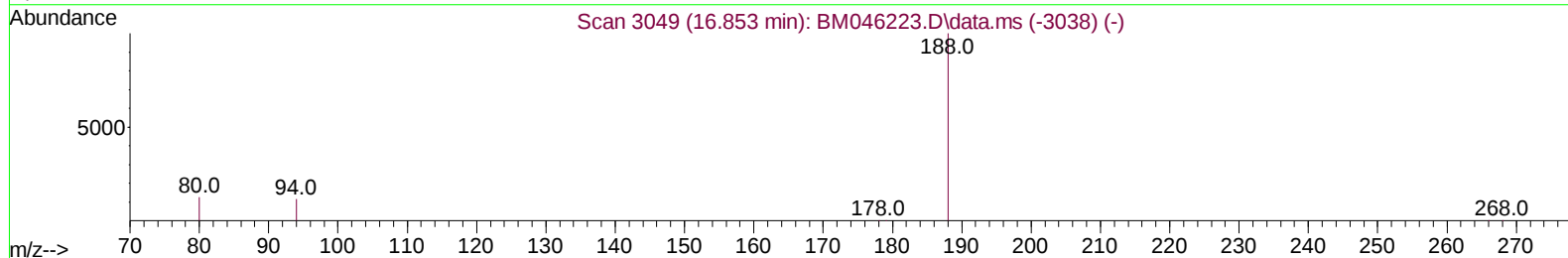
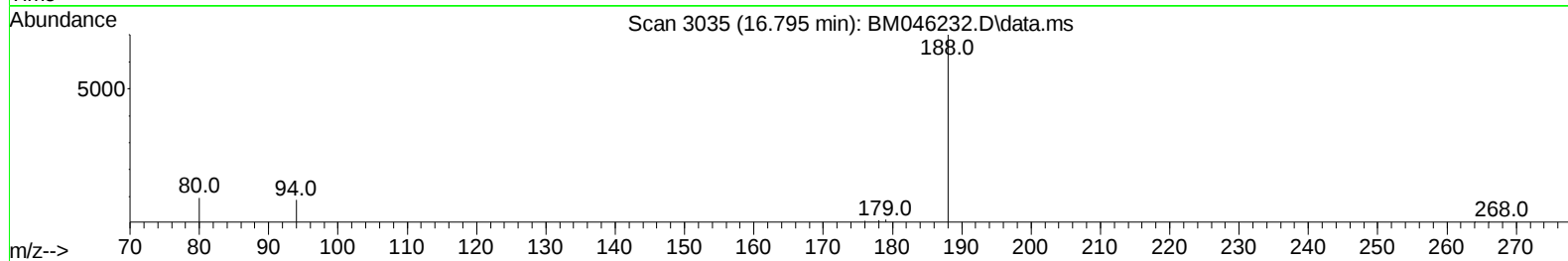
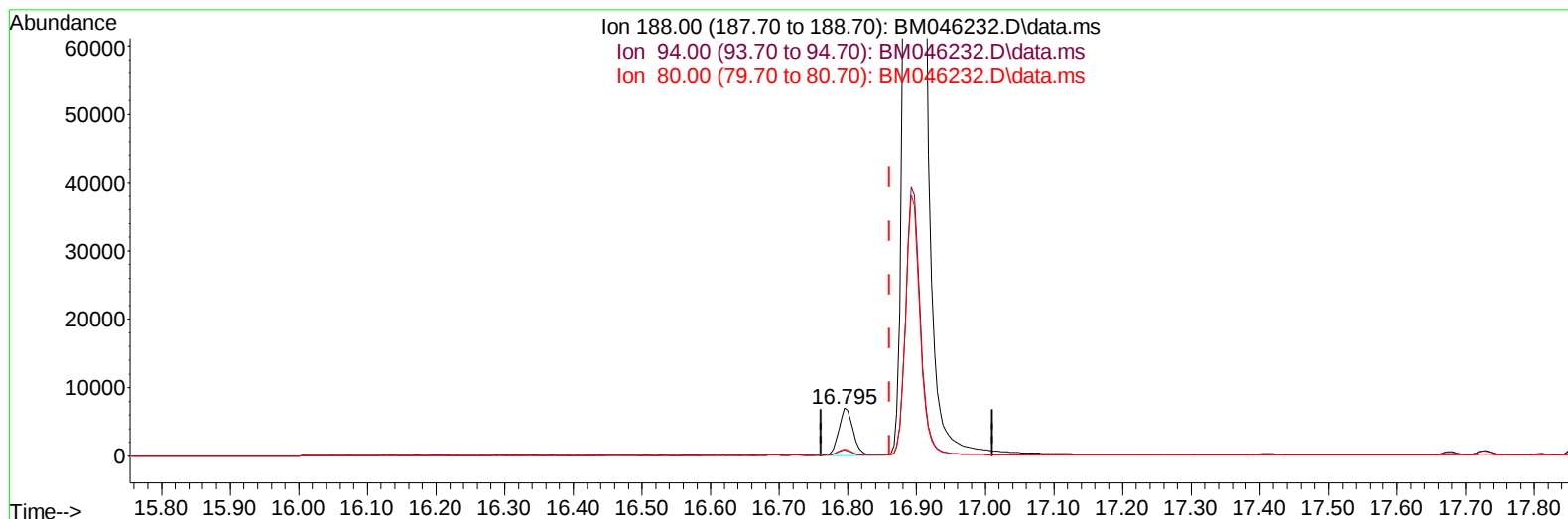
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(13) Phenanthrene-d10 (I)

16.795min (-0.066) 0.40 ng/u1 m

response 10024

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.49
80.00	15.20	13.71
0.00	0.00	0.00

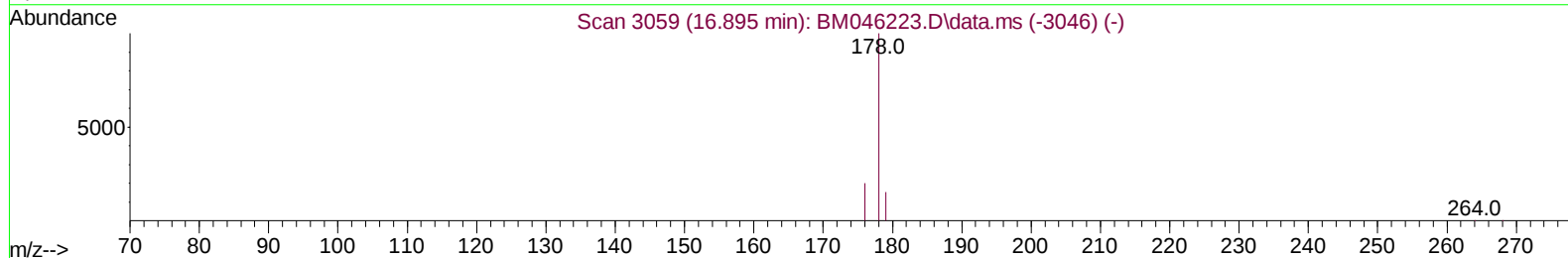
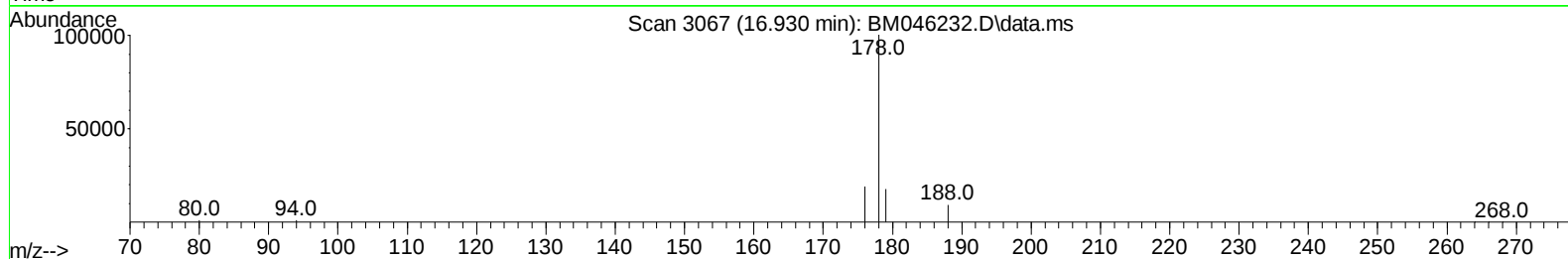
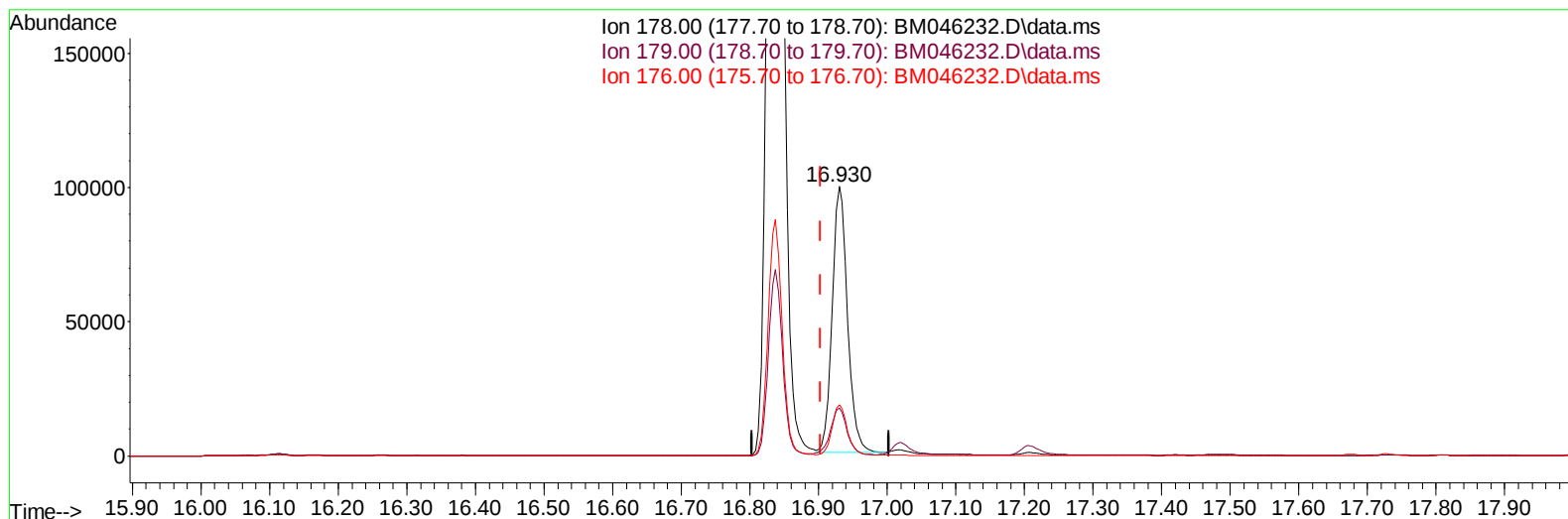
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(15) Phenanthrene

16.930min (+ 0.027) 5.47 ng/u1

response 154119

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	17.84
176.00	21.40	18.96
0.00	0.00	0.00

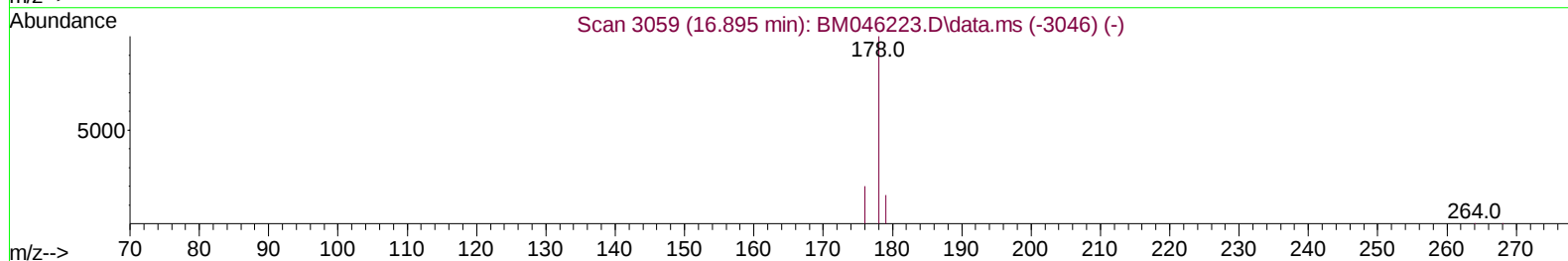
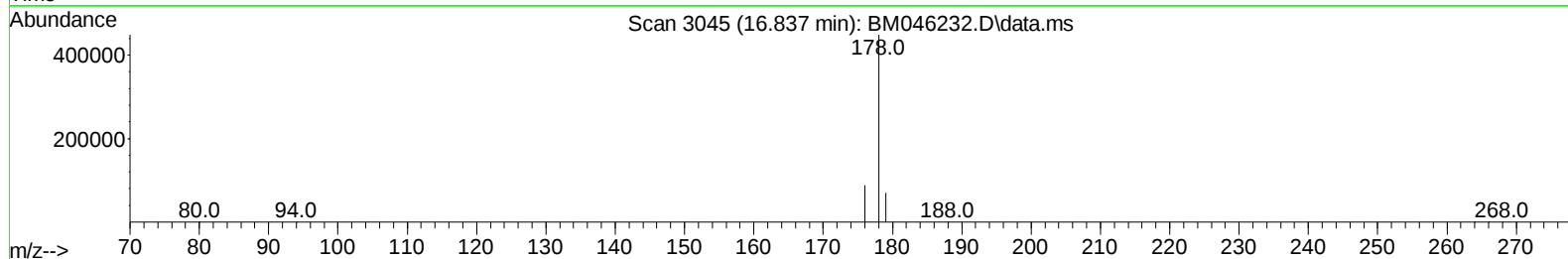
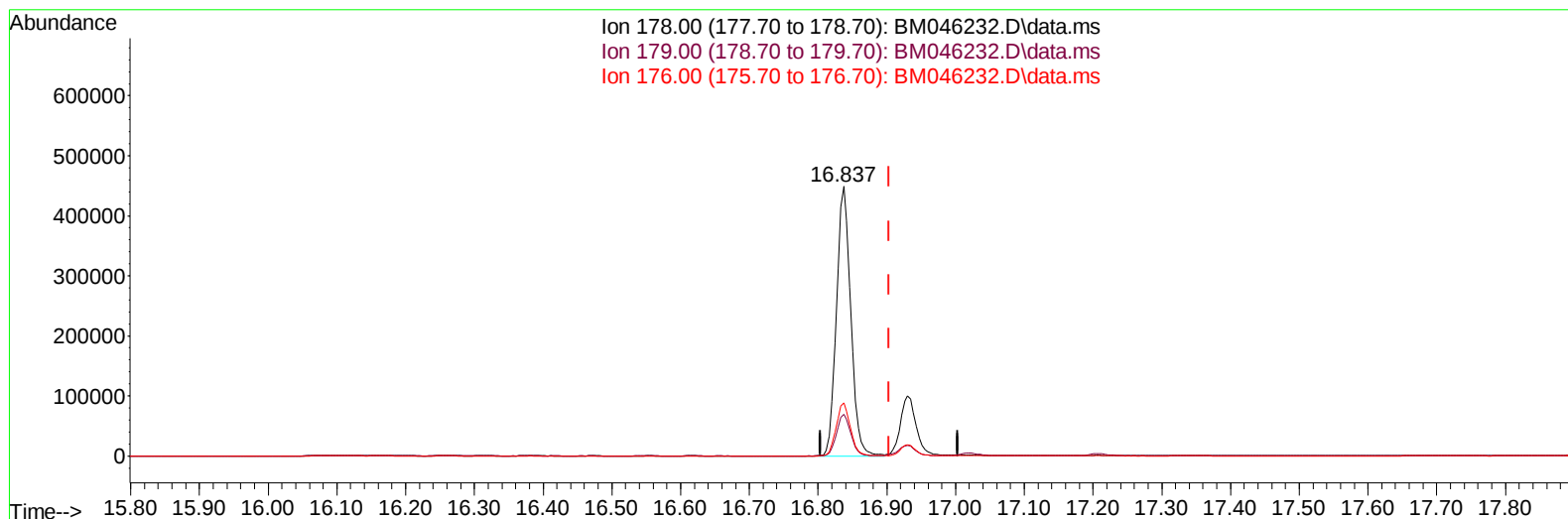
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 24 02:30:39 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



TIC: BM046232.D\data.ms

(15) Phenanthrene

16.837min (-0.066) 22.89 ng/ul m

response 644668

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.49
176.00	21.40	19.63
0.00	0.00	0.00

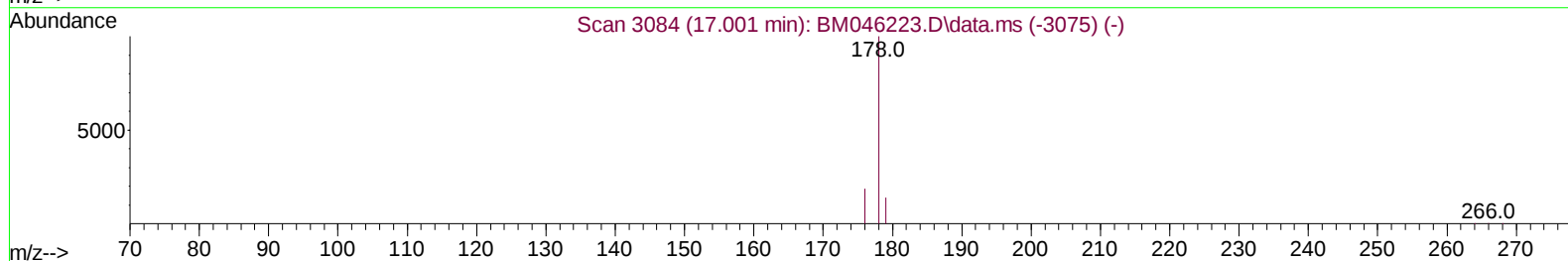
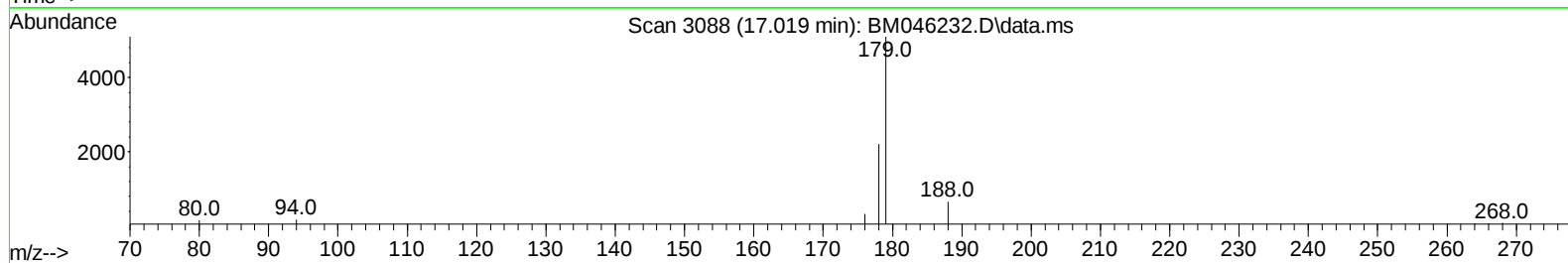
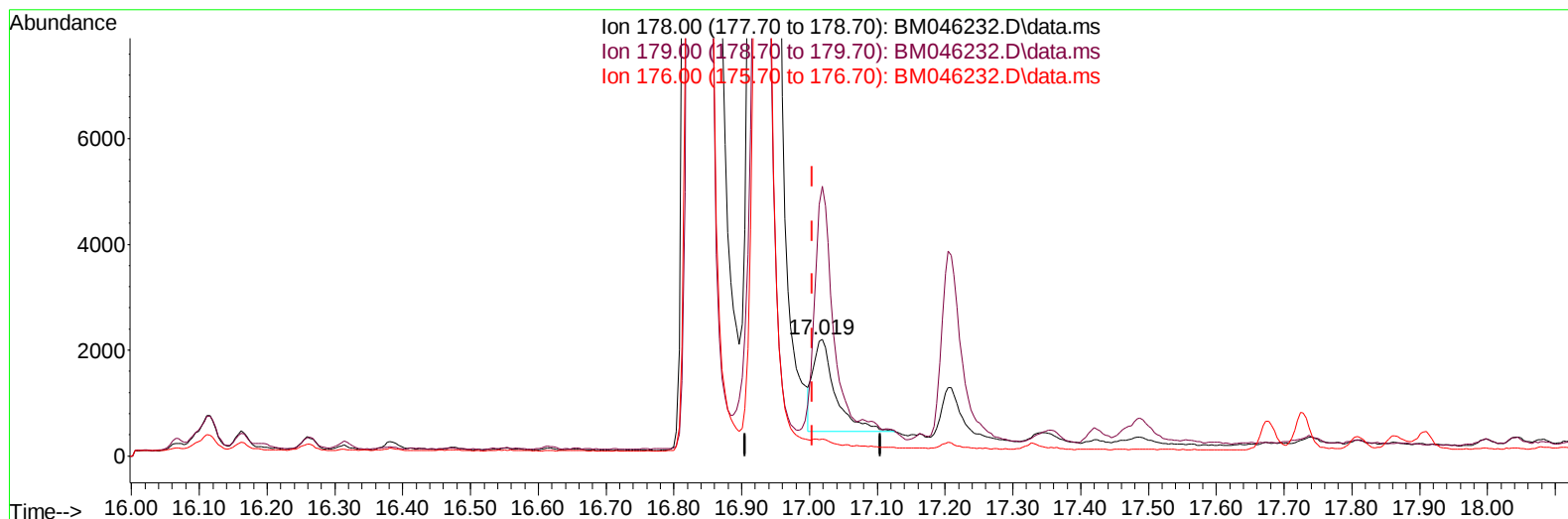
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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: BM046232.D\data.ms

(16) Anthracene

17.019min (+ 0.014) 0.19 ng/u1

response 3947

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	230.90#
176.00	21.20	14.59#
0.00	0.00	0.00

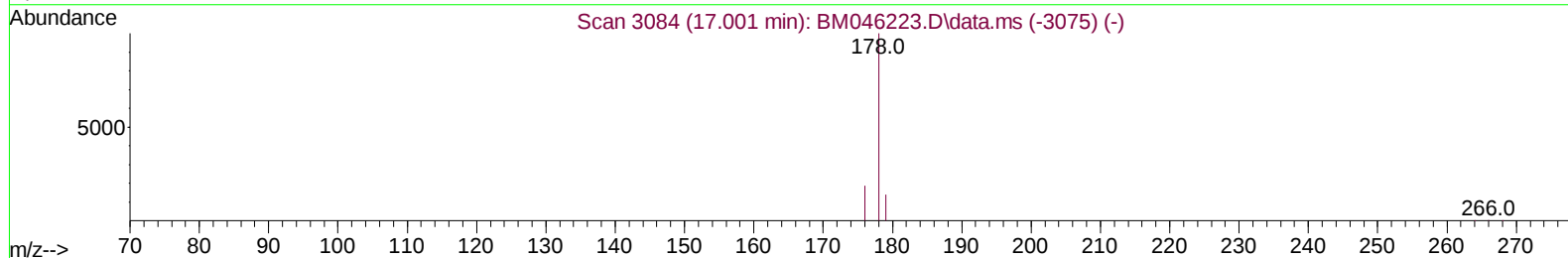
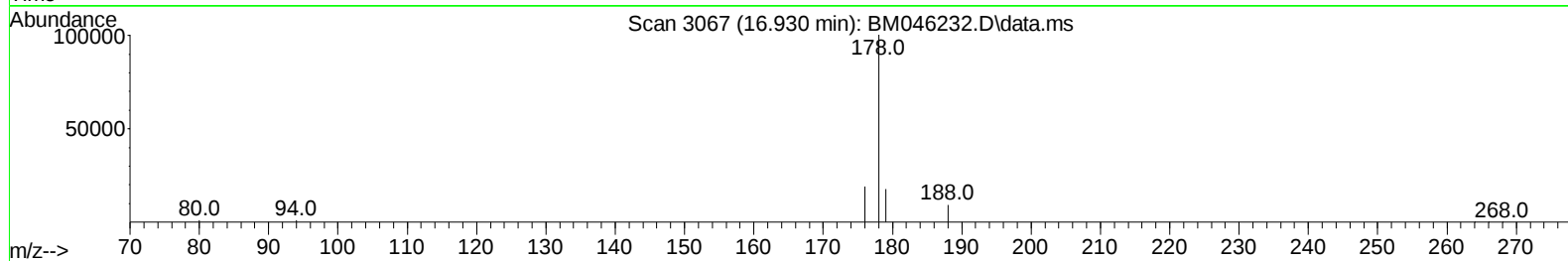
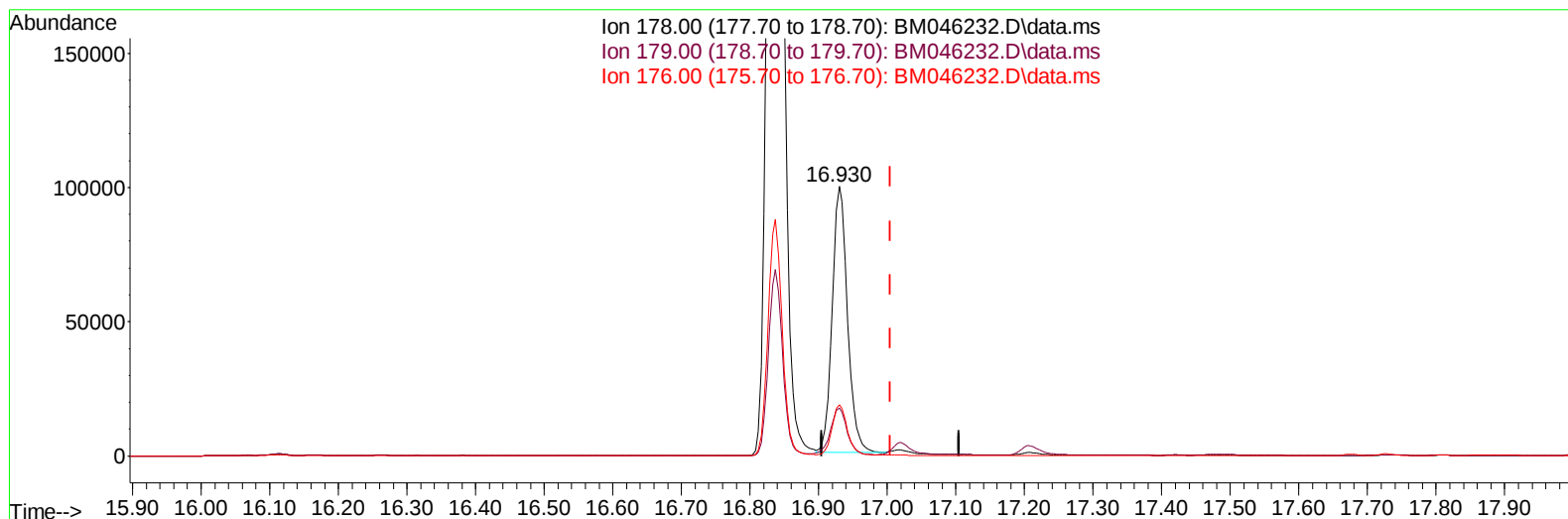
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(16) Anthracene

16.930min (-0.075) 7.35 ng/u1 m

response 154192

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	17.84
176.00	21.20	18.96
0.00	0.00	0.00

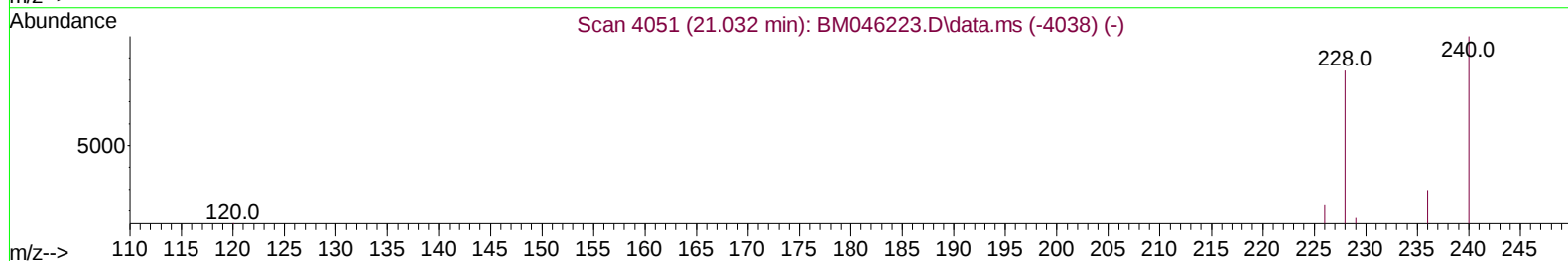
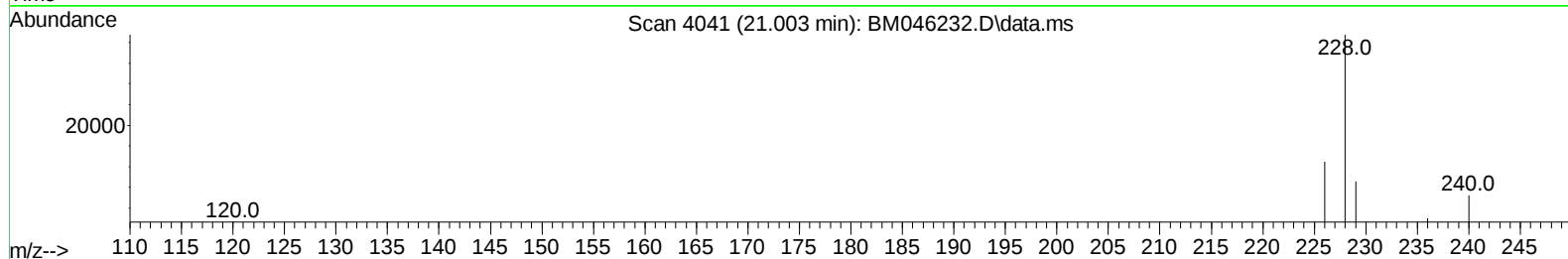
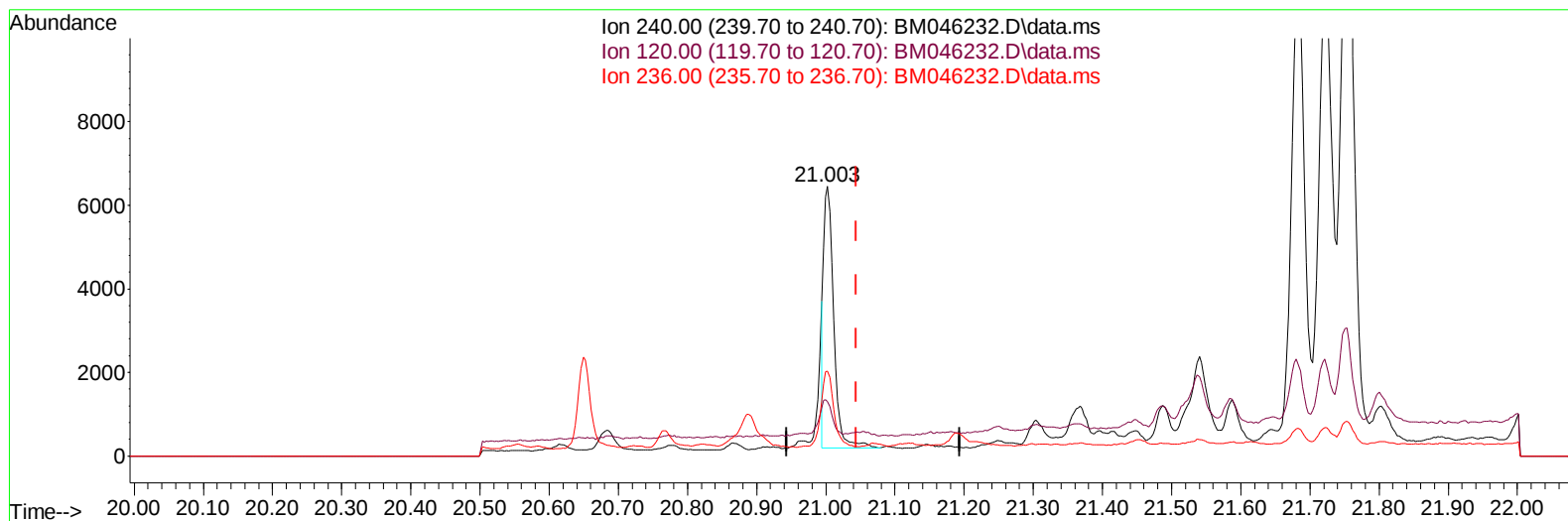
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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: BM046232.D\data.ms

(17) Chrysene-d12

21.003min (-0.041) 0.40 ng/u1

response 6319

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	20.19
236.00	33.60	31.58
0.00	0.00	0.00

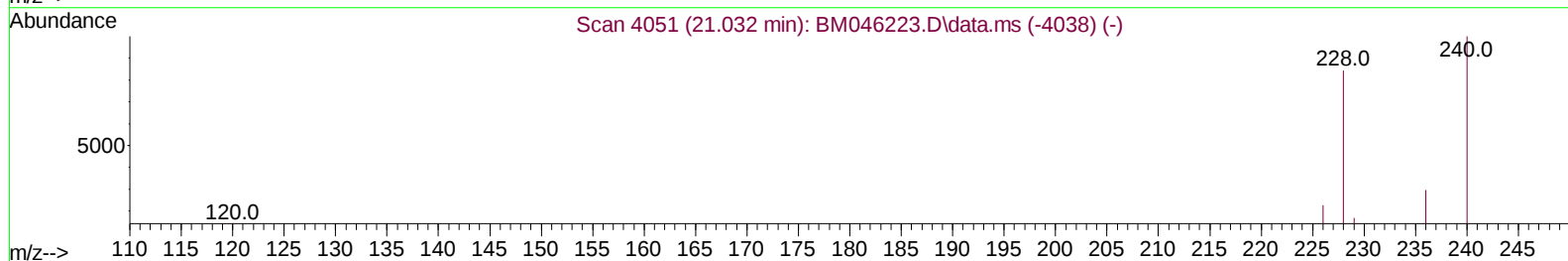
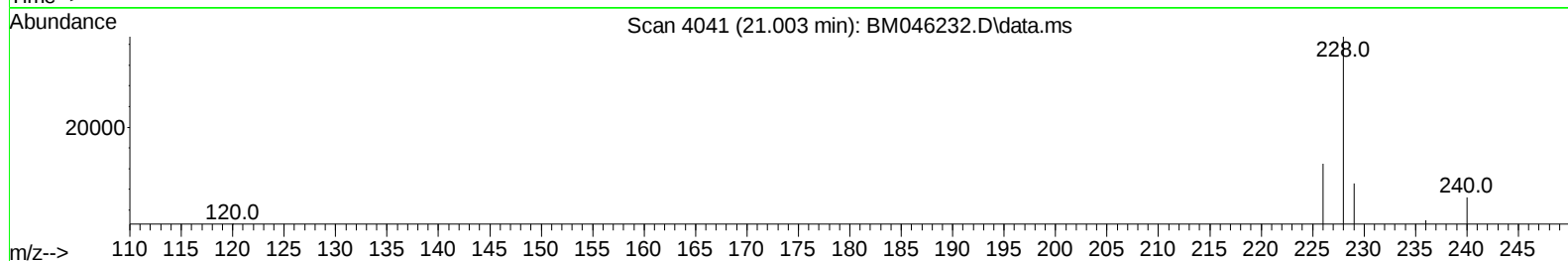
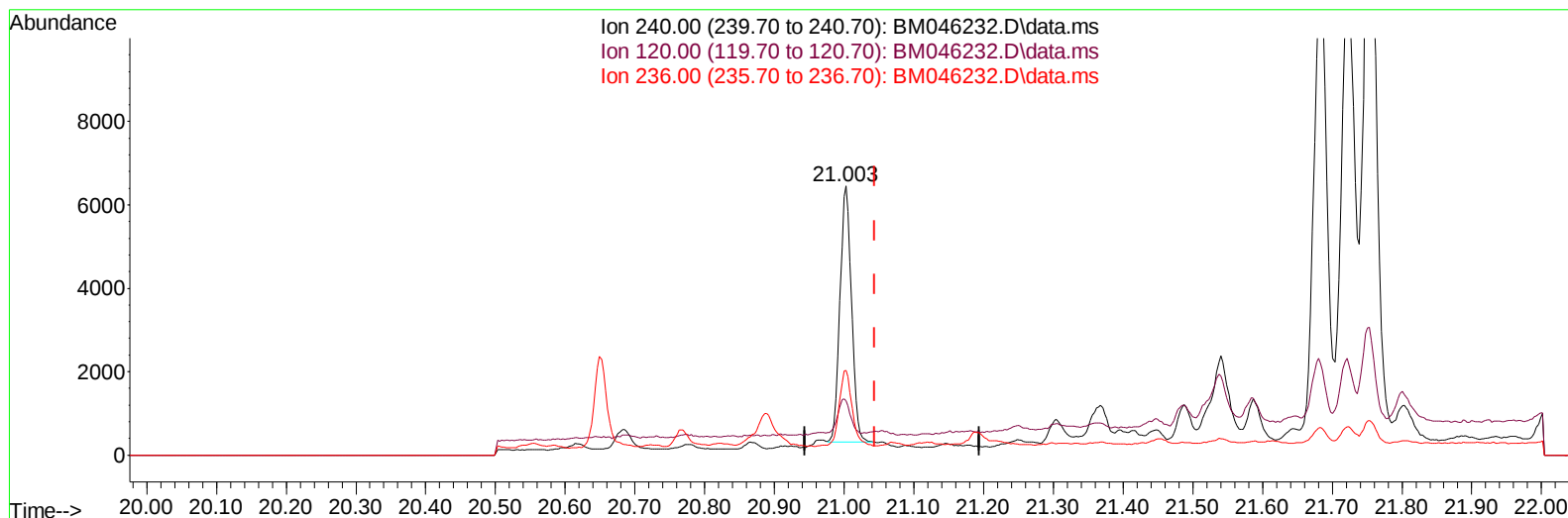
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(17) Chrysene-d12

21.003min (-0.041) 0.40 ng/u1 m

response 7106

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	20.19
236.00	33.60	31.58
0.00	0.00	0.00

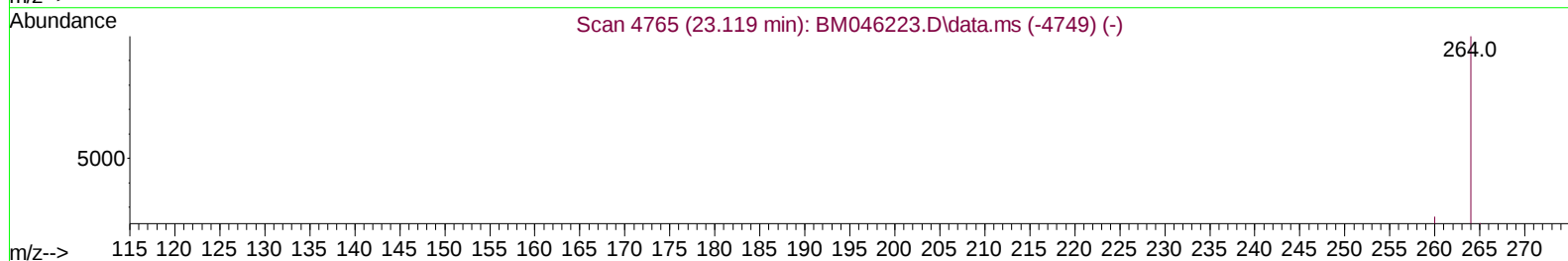
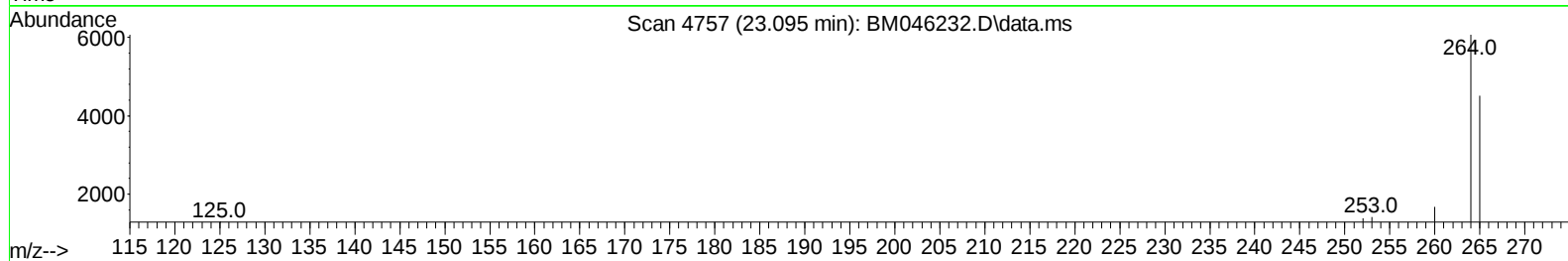
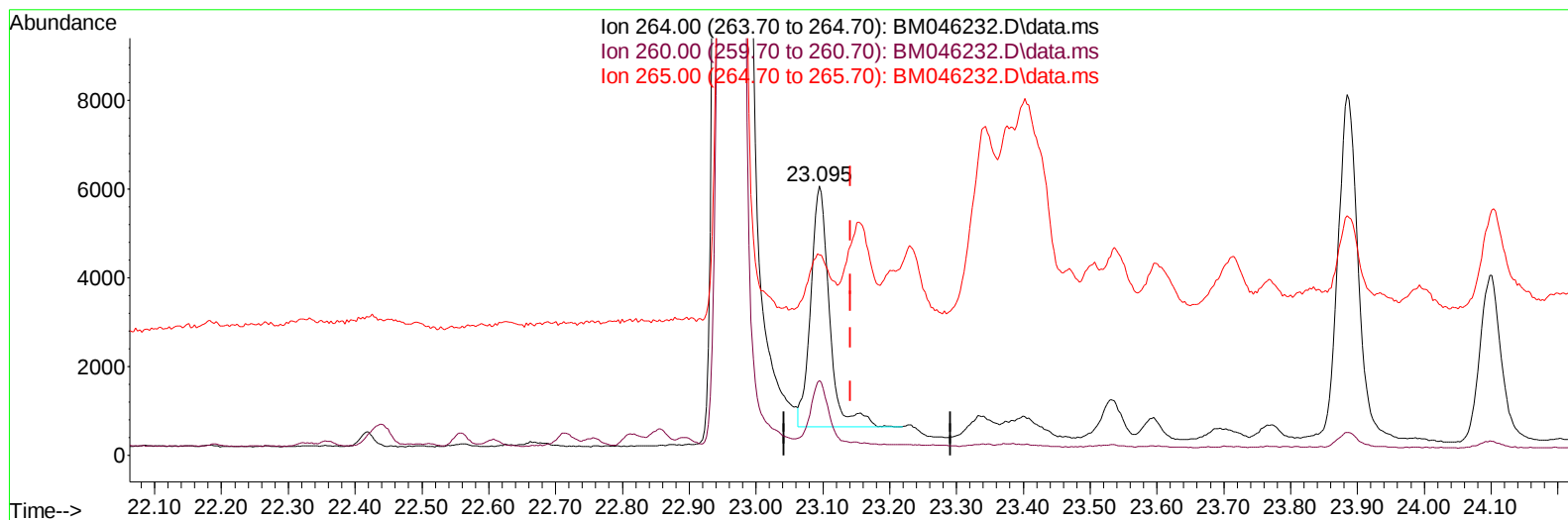
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 2024
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TIC: BM046232.D\data.ms

(23) Perylene-d12 (I)

23.095min (-0.047) 0.40 ng/u1

response 10527

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.76
265.00	110.60	74.48#
0.00	0.00	0.00

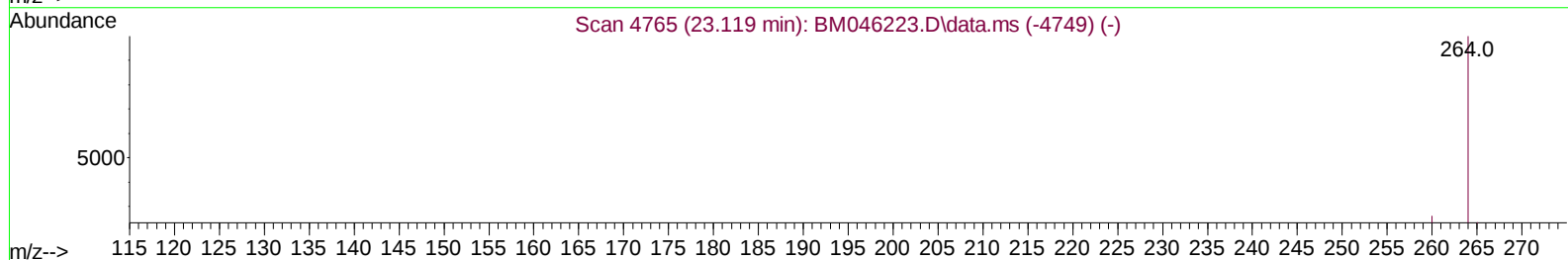
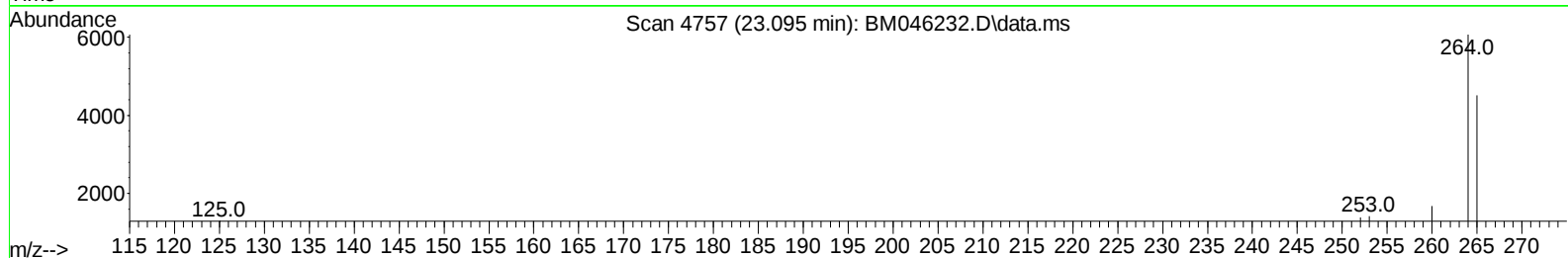
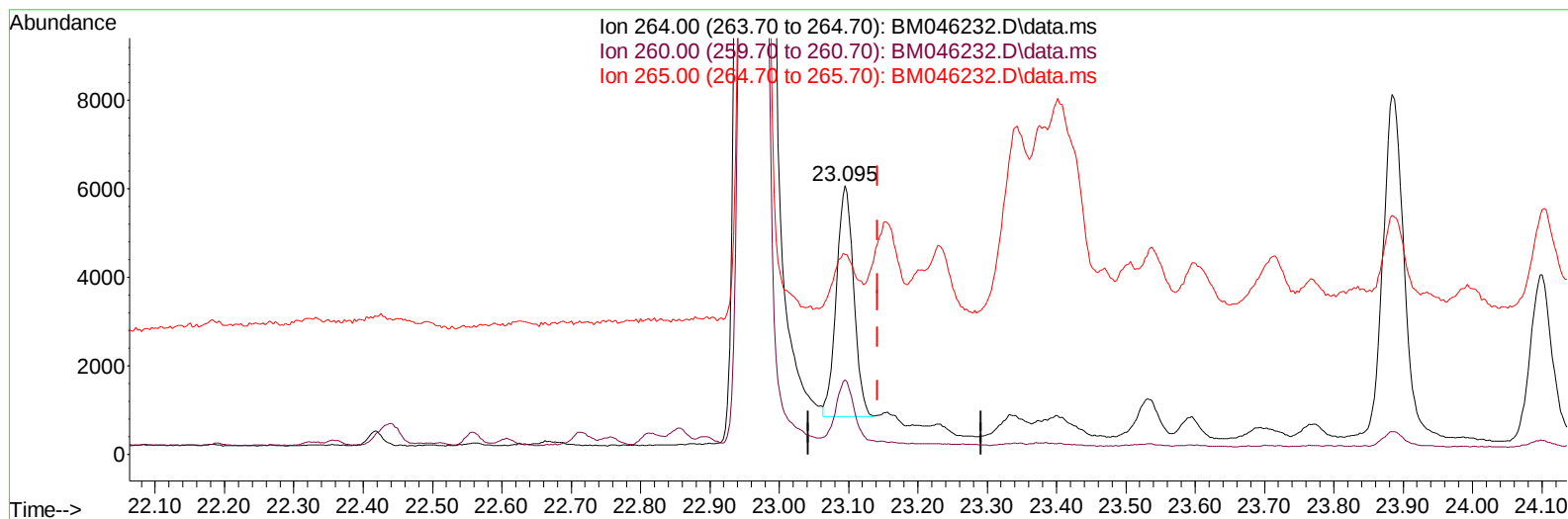
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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: BM046232.D\data.ms

(23) Perylene-d12 (I)

23.095min (-0.047) 0.40 ng/ul m

response 9038

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.76
265.00	110.60	74.48#
0.00	0.00	0.00

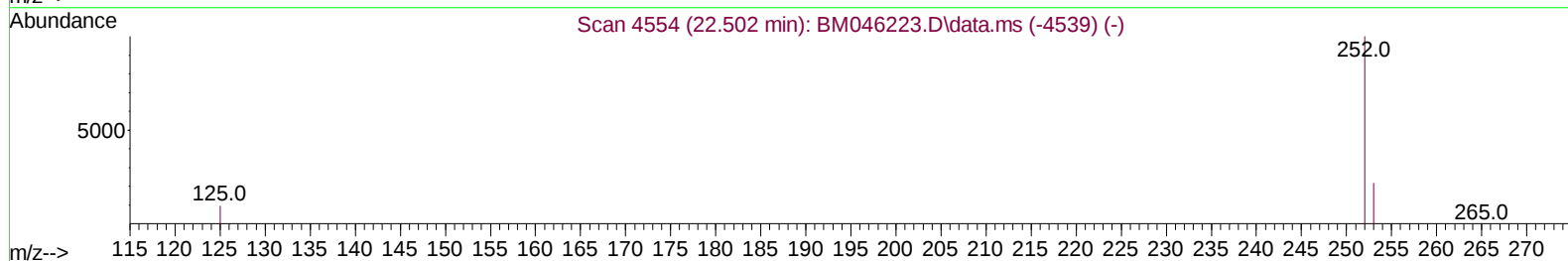
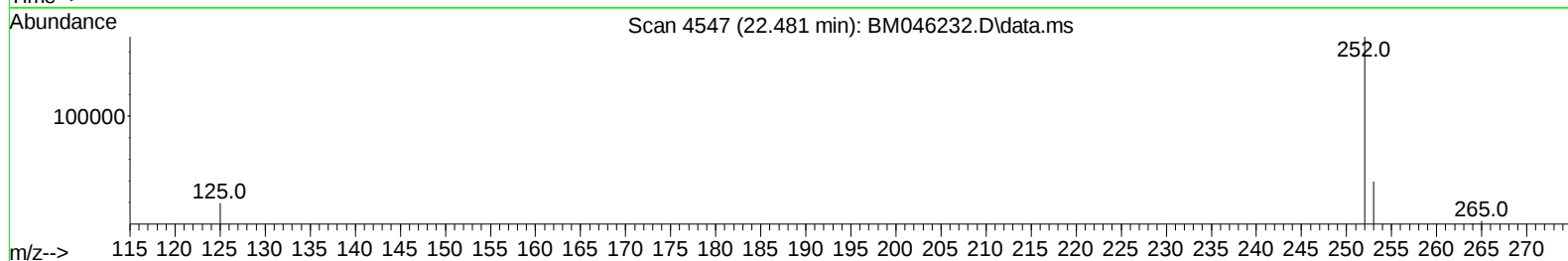
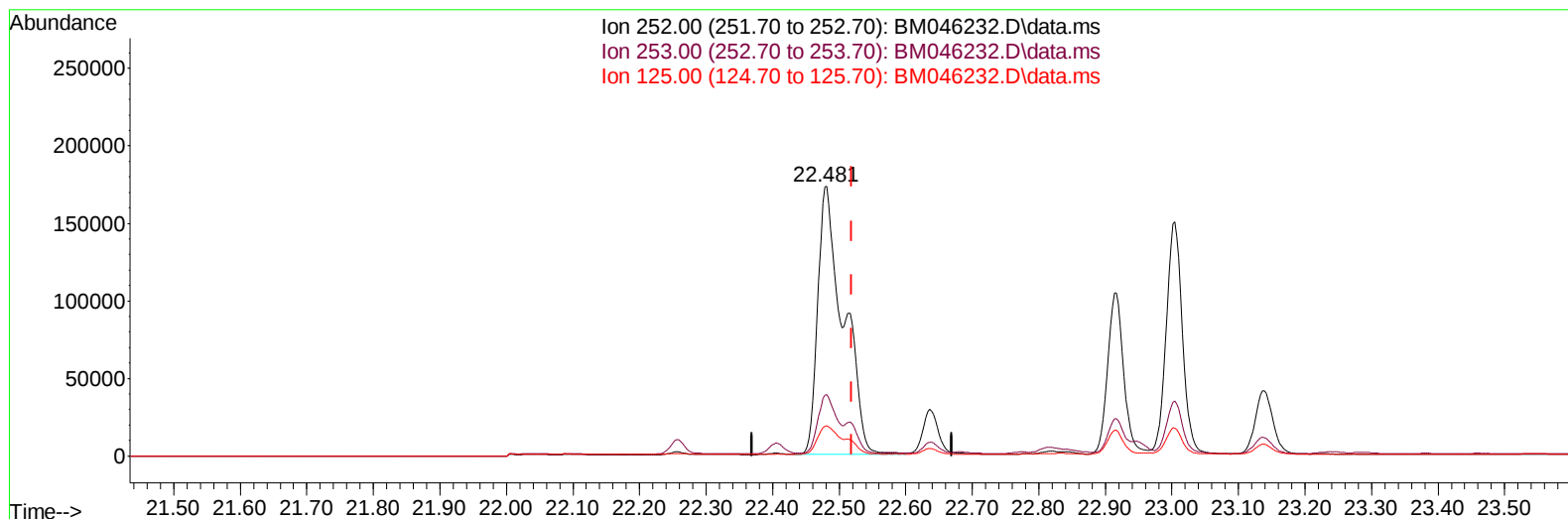
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 2024
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TIC: BM046232.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 14.15 ng/u1

response 460703

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.89
125.00	20.10	11.22
0.00	0.00	0.00

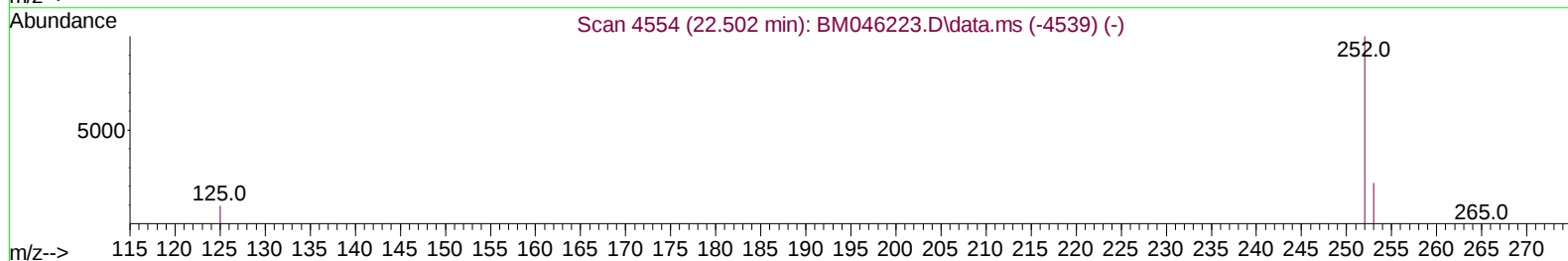
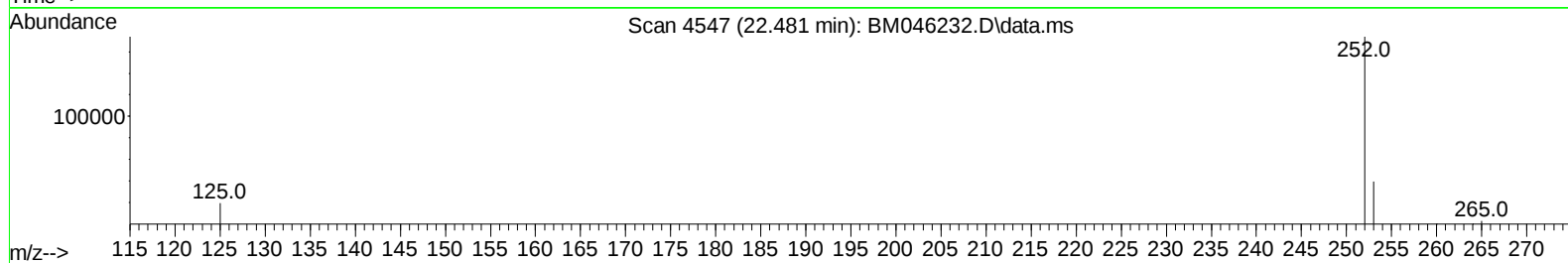
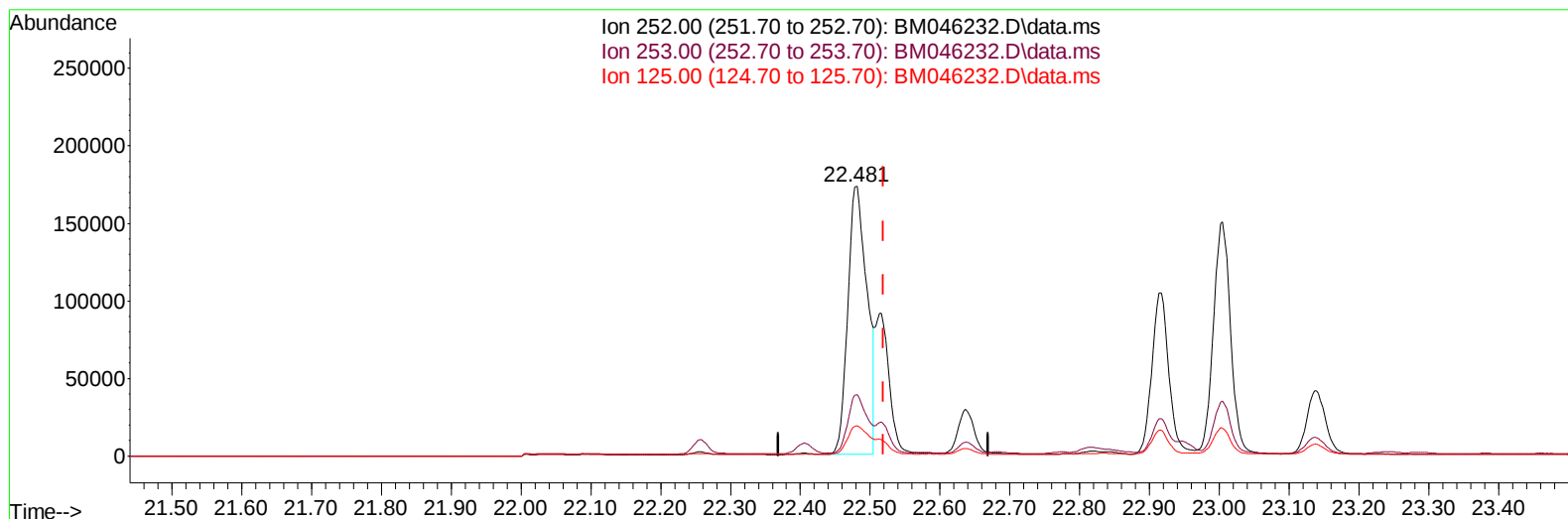
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046232.D
 Acq On : 23 Jun 2024 13:13
 Operator : MA/JU
 Sample : P2776-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 10.21 ng/ul m

response 332450

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.89
125.00	20.10	11.22
0.00	0.00	0.00

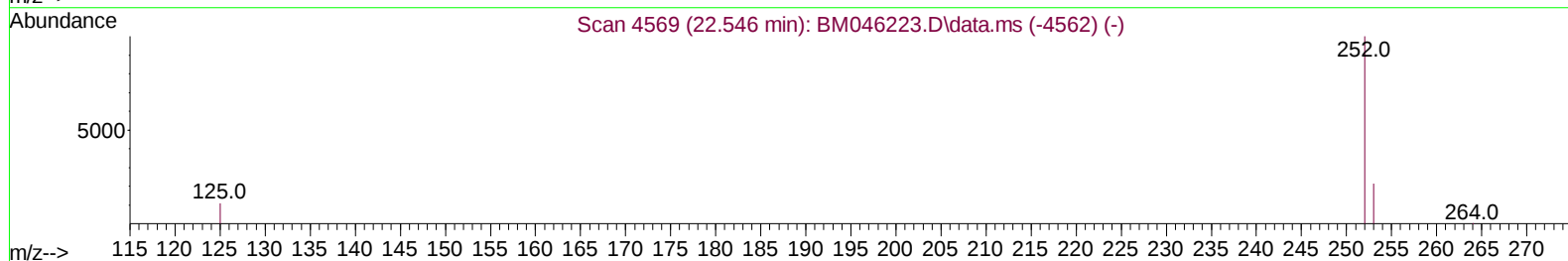
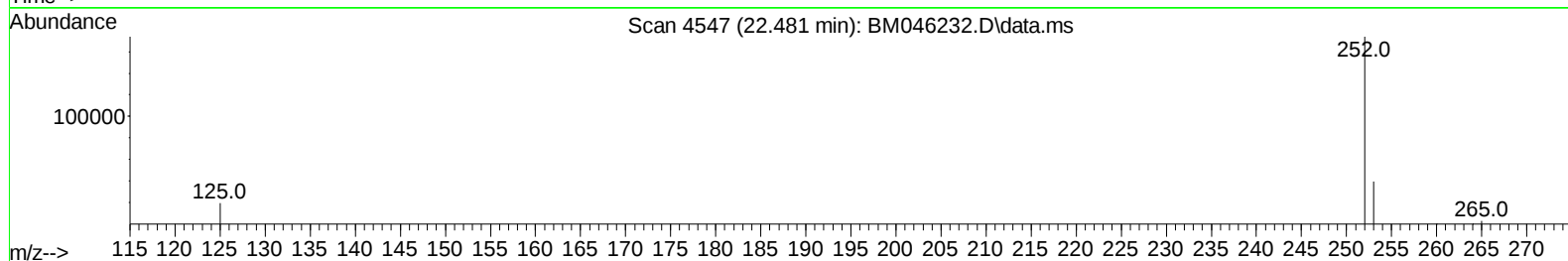
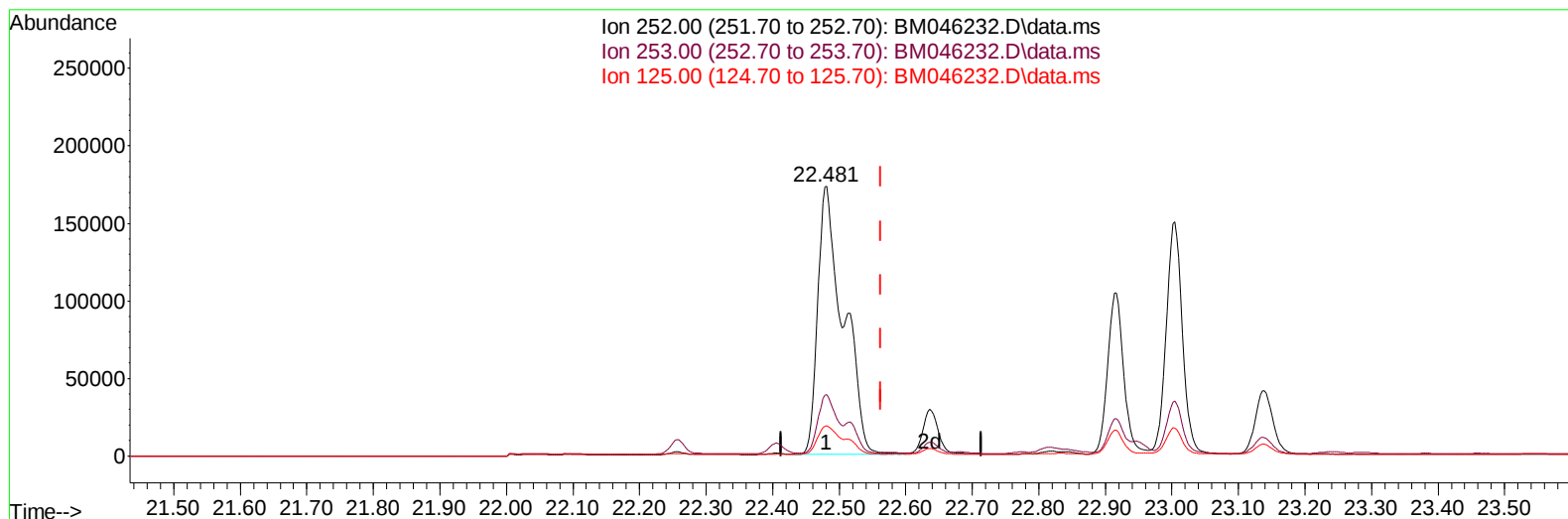
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (-0.082) 11.90 ng/u1

response 460703

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	22.89#
125.00	20.80	11.22#
0.00	0.00	0.00

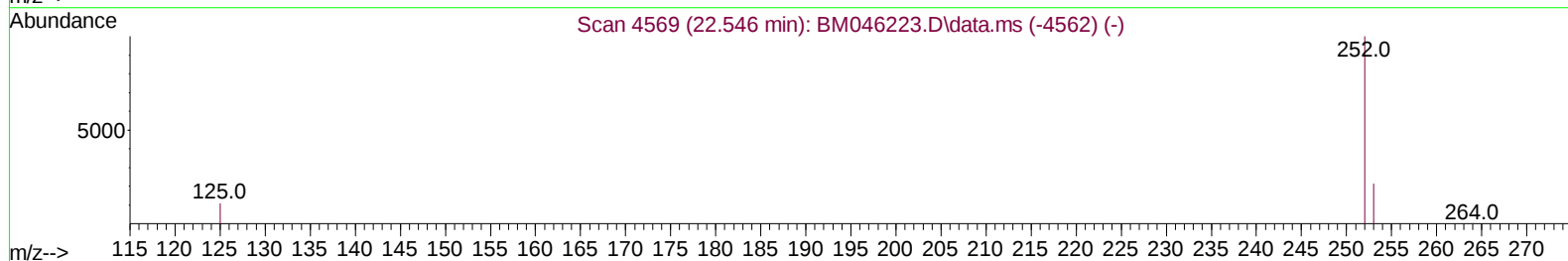
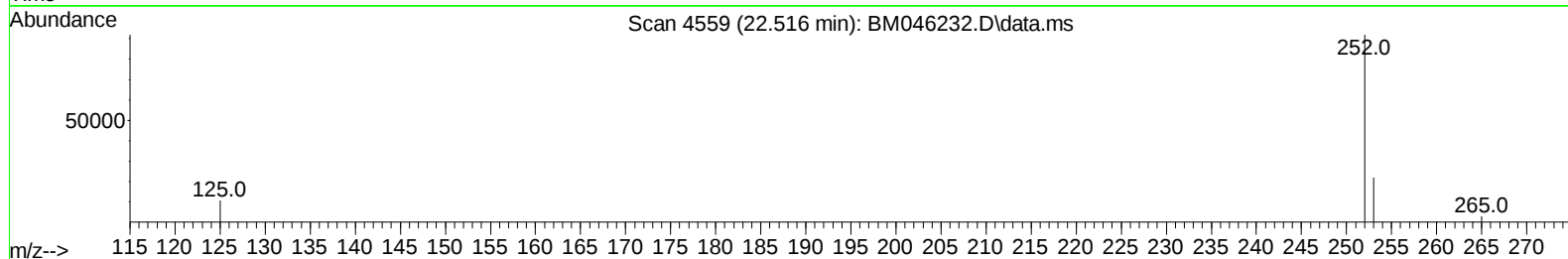
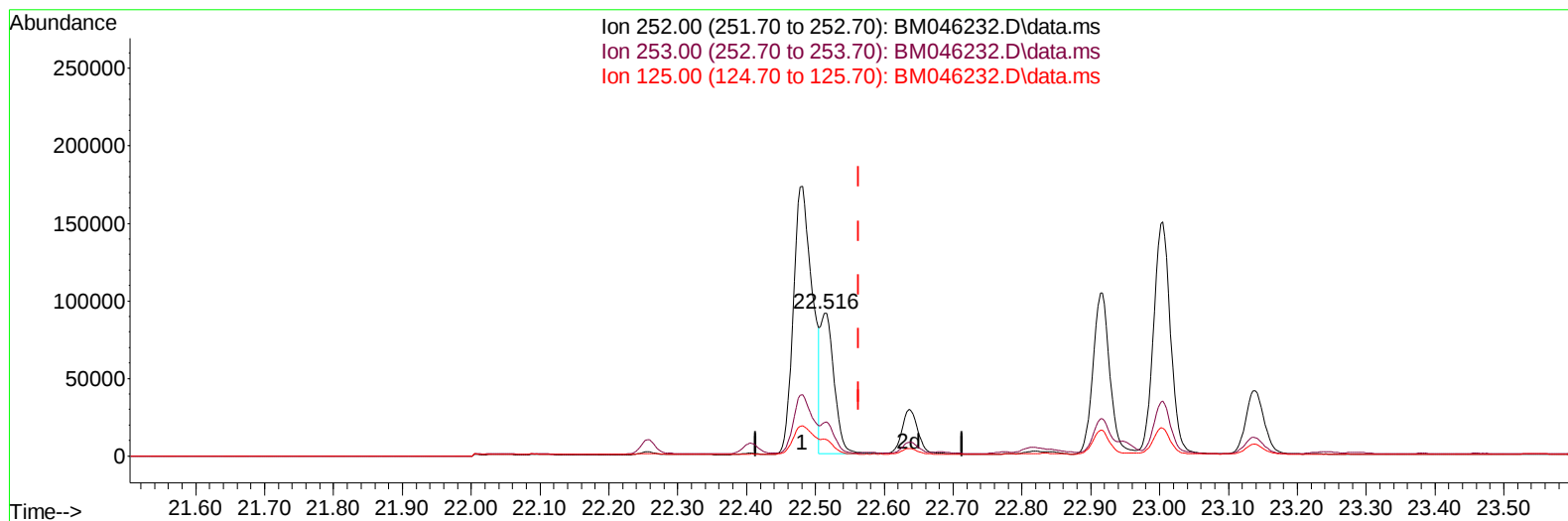
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:30:39 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 : 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: BM046232.D\data.ms

(25) Benzo(k)fluoranthene

22.516min (-0.047) 3.20 ng/u1 m

response 123839

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.78#
125.00	20.80	11.58#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2736	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8546	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4707	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.795	188	10024m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.003	240	7106m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	9038m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12163	3.240	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	2968	0.259	ng/ul	-0.07
18) Fluoranthene-d10	18.830	212	6236	0.293	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.222	128	5121	0.215	ng/ul	98
7) 2-Methylnaphthalene	11.866	142	1545	0.115	ng/ul	98
8) 1-Methylnaphthalene	12.086	142	1228	0.083	ng/ul	99
10) Acenaphthylene	13.771	152	3179	0.142	ng/ul#	91
11) Acenaphthene	14.114	153	35404	2.197	ng/ul	98
12) Fluorene	15.108	166	42879	2.479	ng/ul	98
15) Phenanthrene	16.837	178	644668m	22.891	ng/ul	
16) Anthracene	16.930	178	154192m	7.351	ng/ul	
19) Fluoranthene	18.863	202	803554	26.117	ng/ul	96
20) Pyrene	19.225	202	638795	19.198	ng/ul	96
21) Benzo(a)anthracene	20.985	228	285201	10.391	ng/ul	99
22) Chrysene	21.038	228	247666	7.070	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	332450m	10.210	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	123839m	3.199	ng/ul	
26) Benzo(a)pyrene	23.004	252	255465	8.467	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.135	276	191455	3.877	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.138	278	38981	1.060	ng/ul	93
29) Benzo(g,h,i)perylene	25.755	276	202019	4.771	ng/ul	94

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

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