

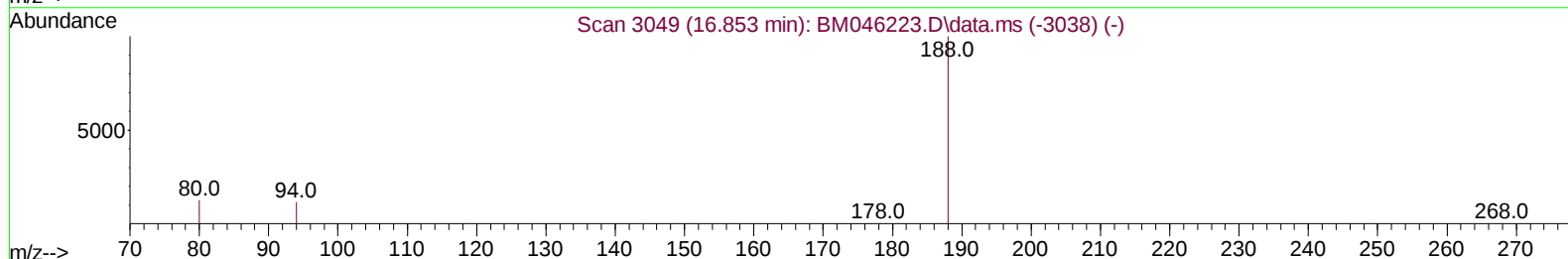
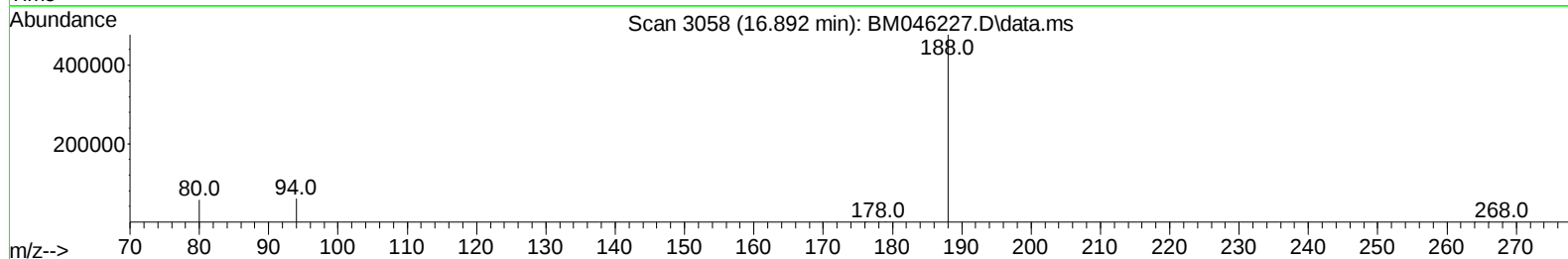
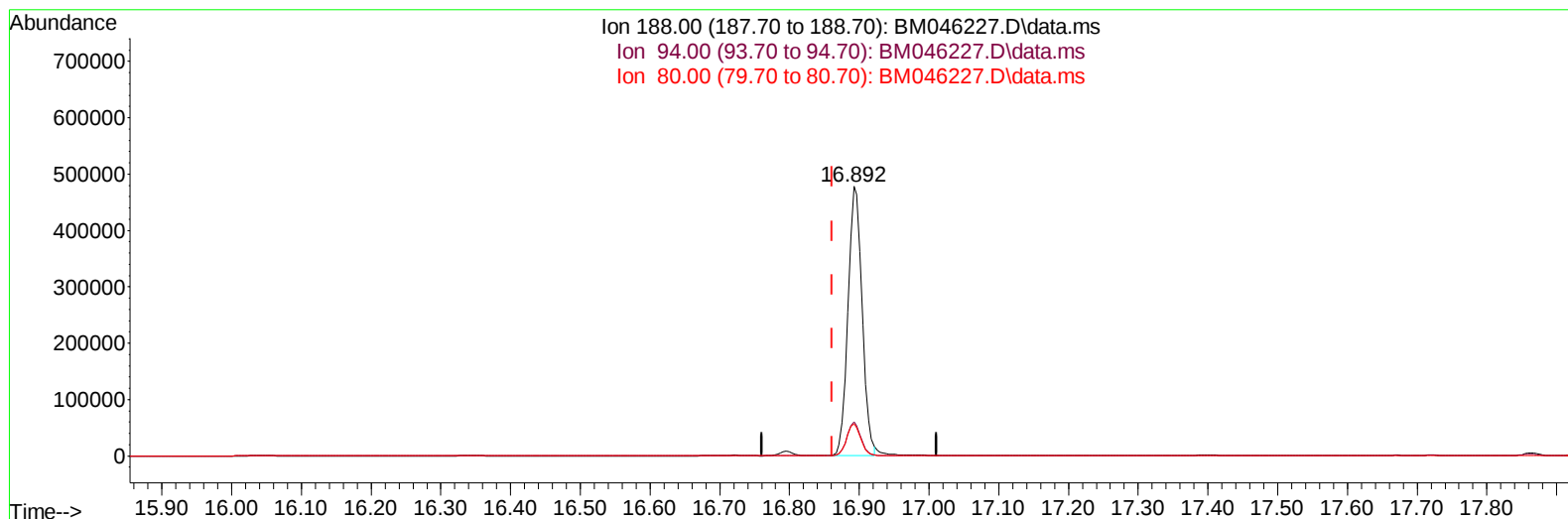
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

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

Quant Time: Jun 24 02:29:24 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: BM046227.D\data.ms

(13) Phenanthrene-d10 (I)**16.892min (+ 0.031) 0.40 ng/u1****response 667814**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.53
80.00	15.20	11.87#
0.00	0.00	0.00

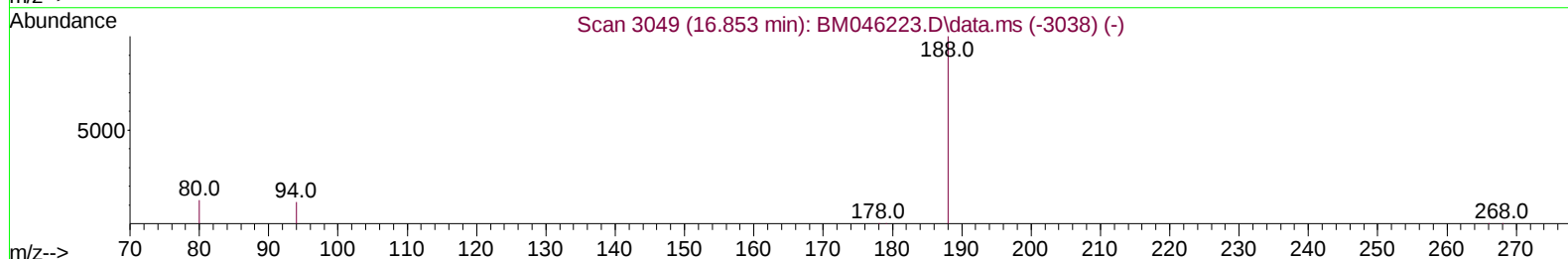
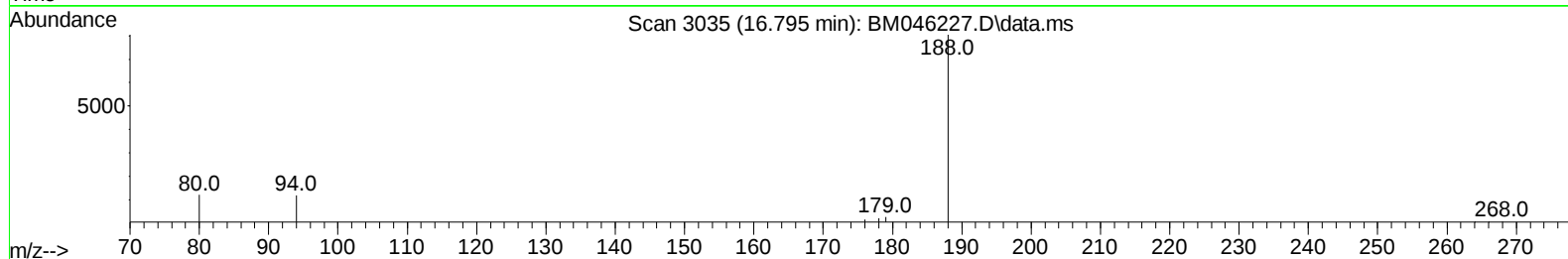
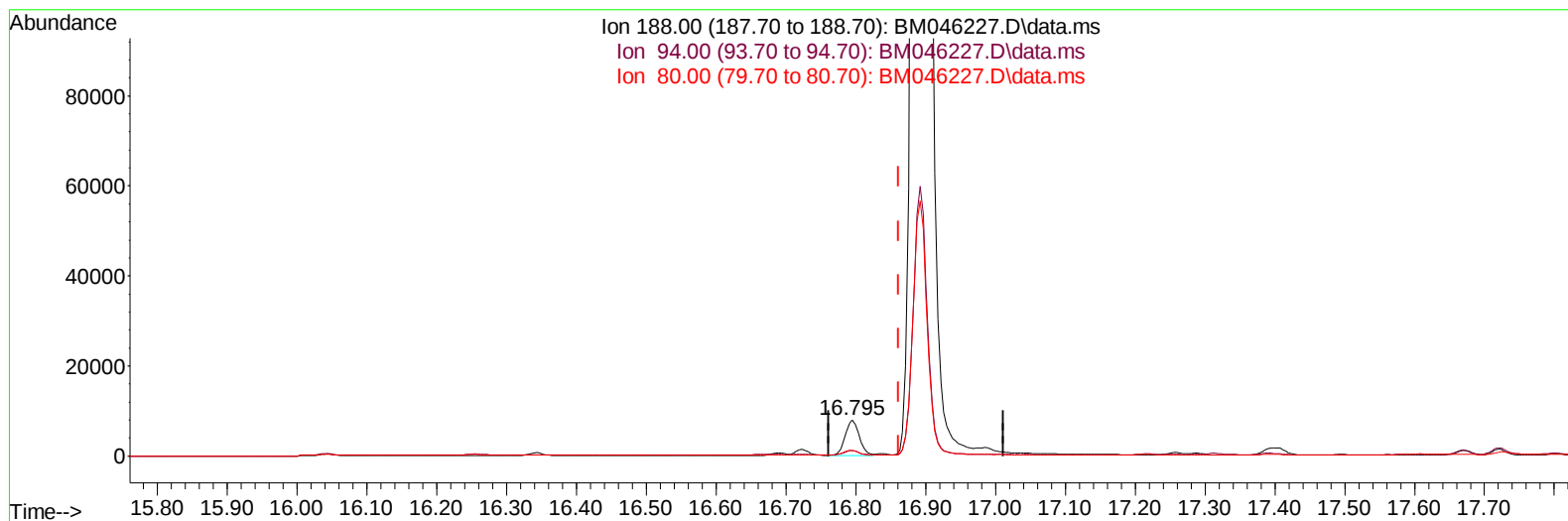
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
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Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(13) Phenanthrene-d10 (I)

16.795min (-0.066) 0.40 ng/u1 m

response 10928

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	14.98
80.00	15.20	15.02
0.00	0.00	0.00

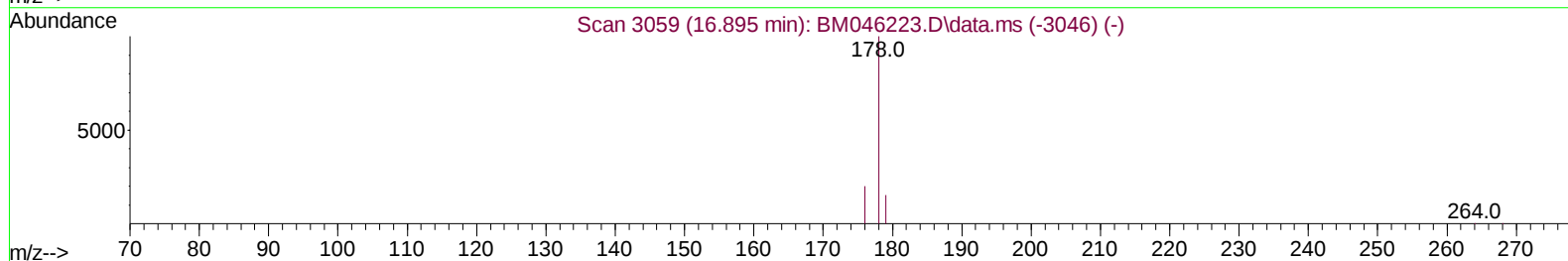
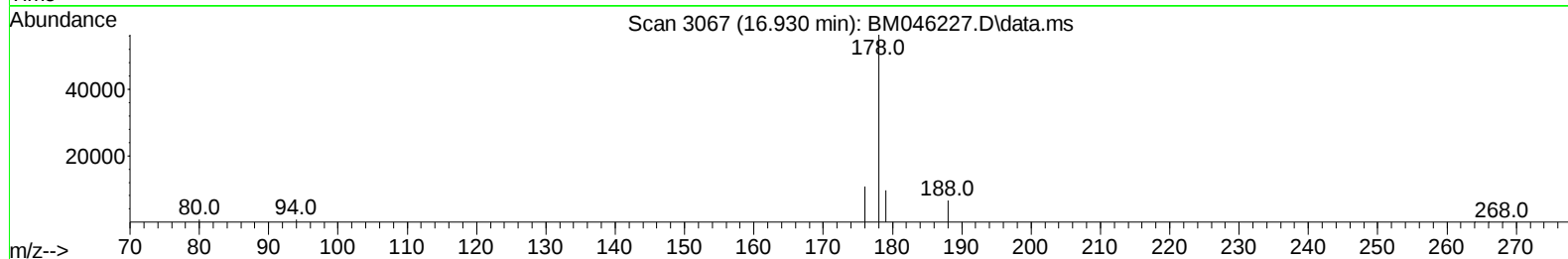
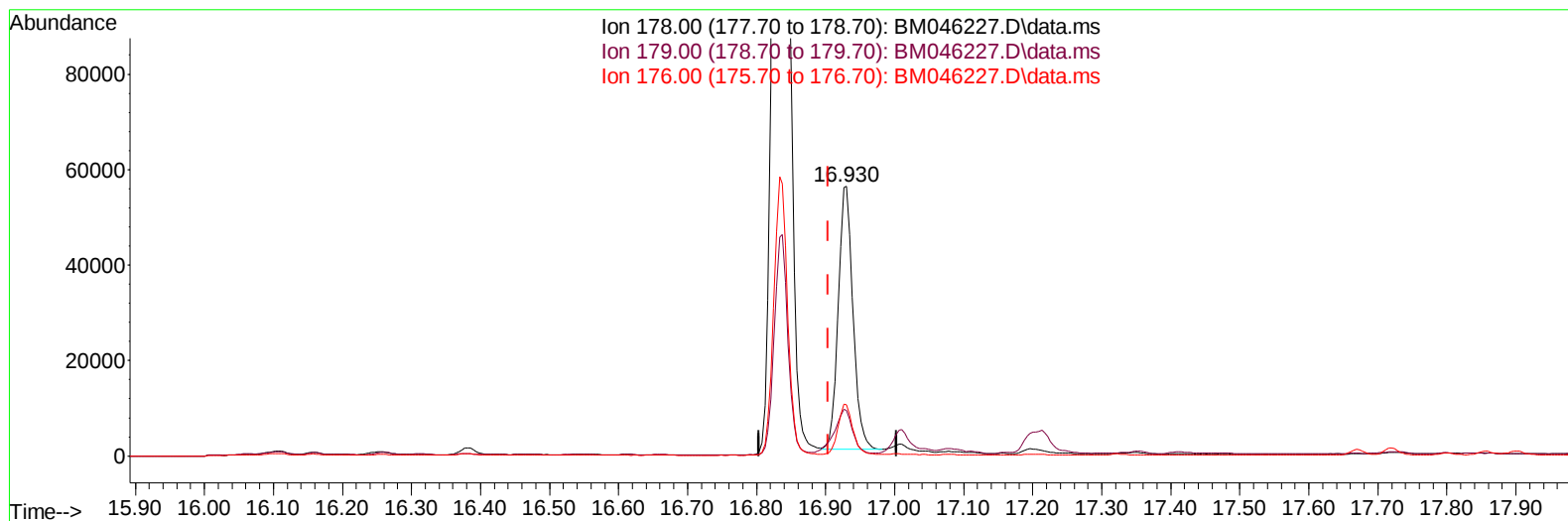
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046227.D\data.ms

(15) Phenanthrene

16.930min (+ 0.027) 2.67 ng/u1

response 81862

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.88
176.00	21.40	18.92
0.00	0.00	0.00

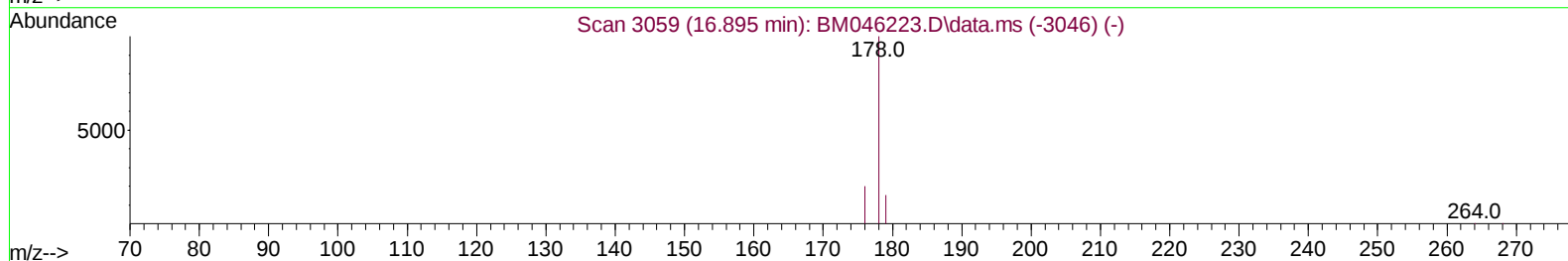
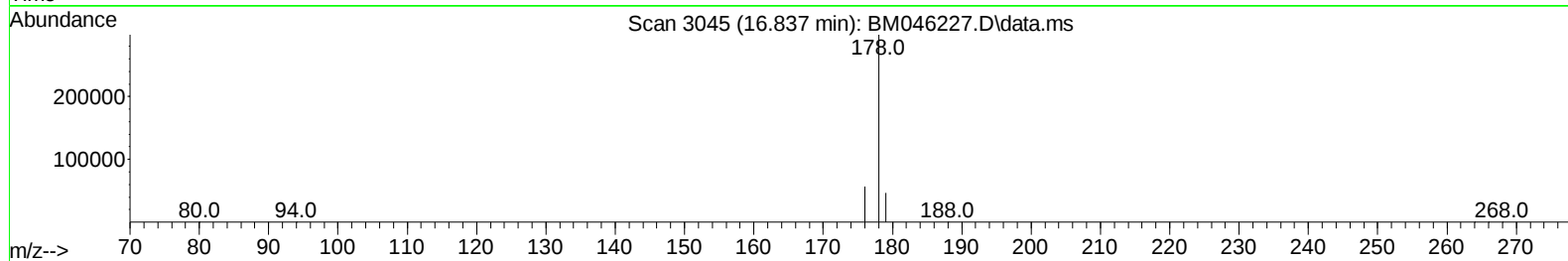
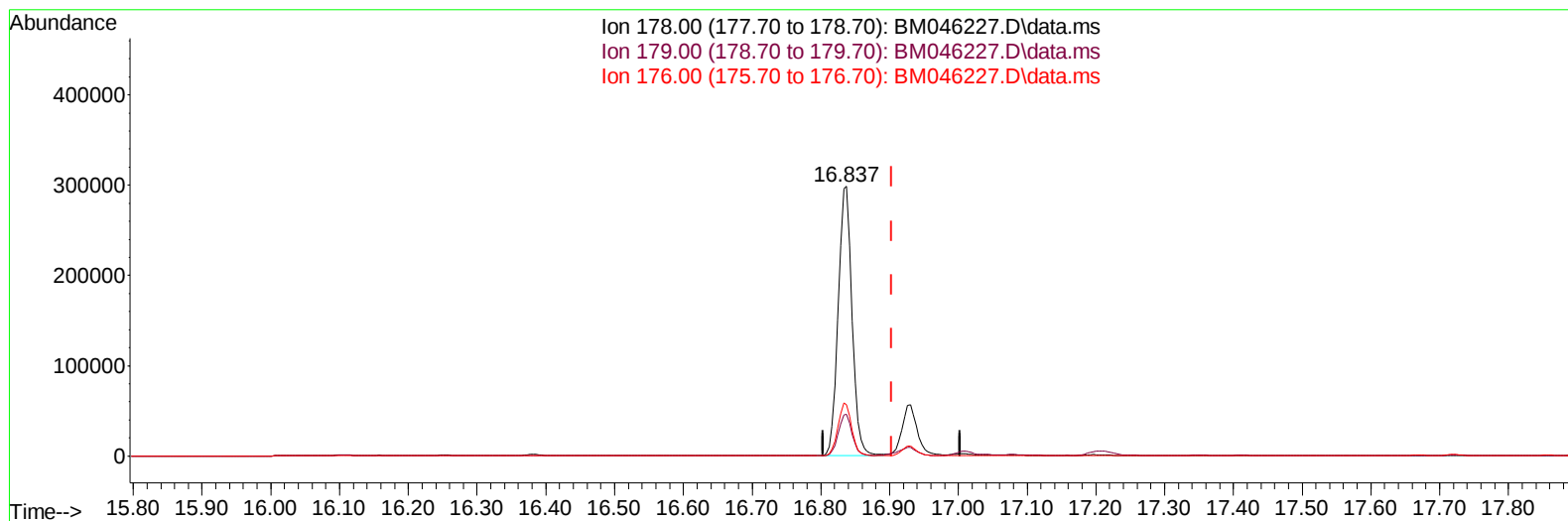
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046227.D
 Acq On : 23 Jun 2024 10:11
 Operator : MA/JU
 Sample : P2776-22
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 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C76

Manual IntegrationsAPPROVED

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 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: BM046227.D\data.ms

(15) Phenanthrene

16.837min (-0.066) 13.58 ng/ul m

response 417035

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.53
176.00	21.40	19.09
0.00	0.00	0.00

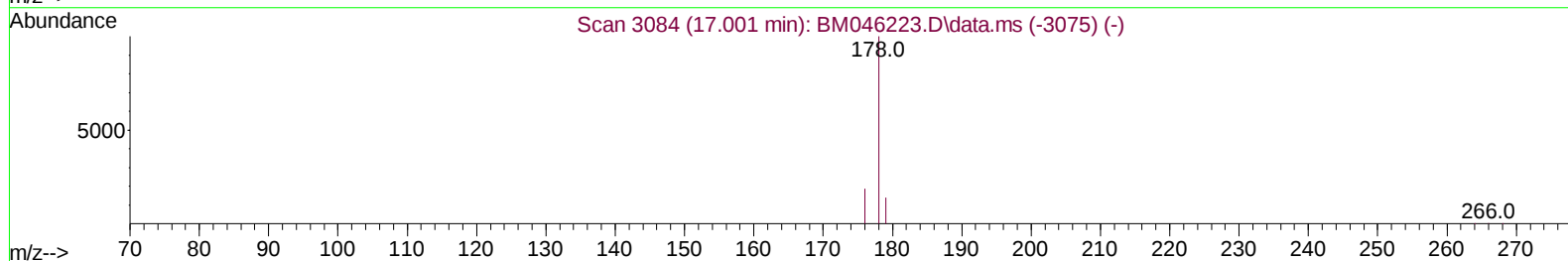
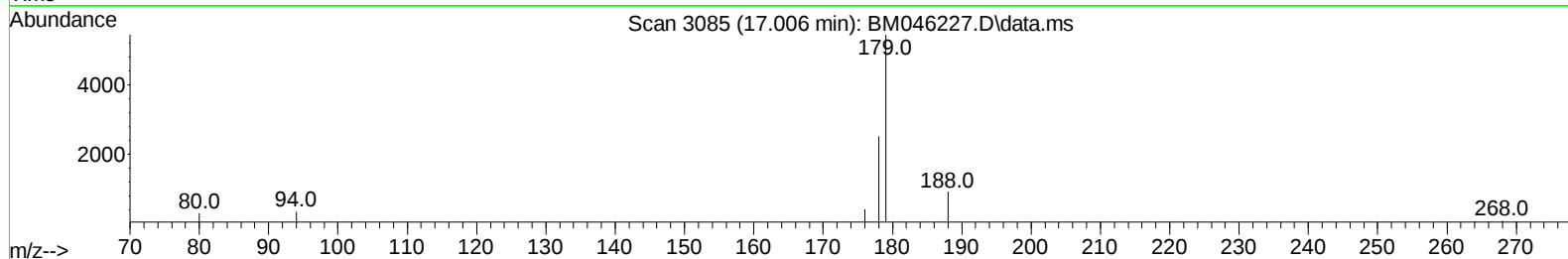
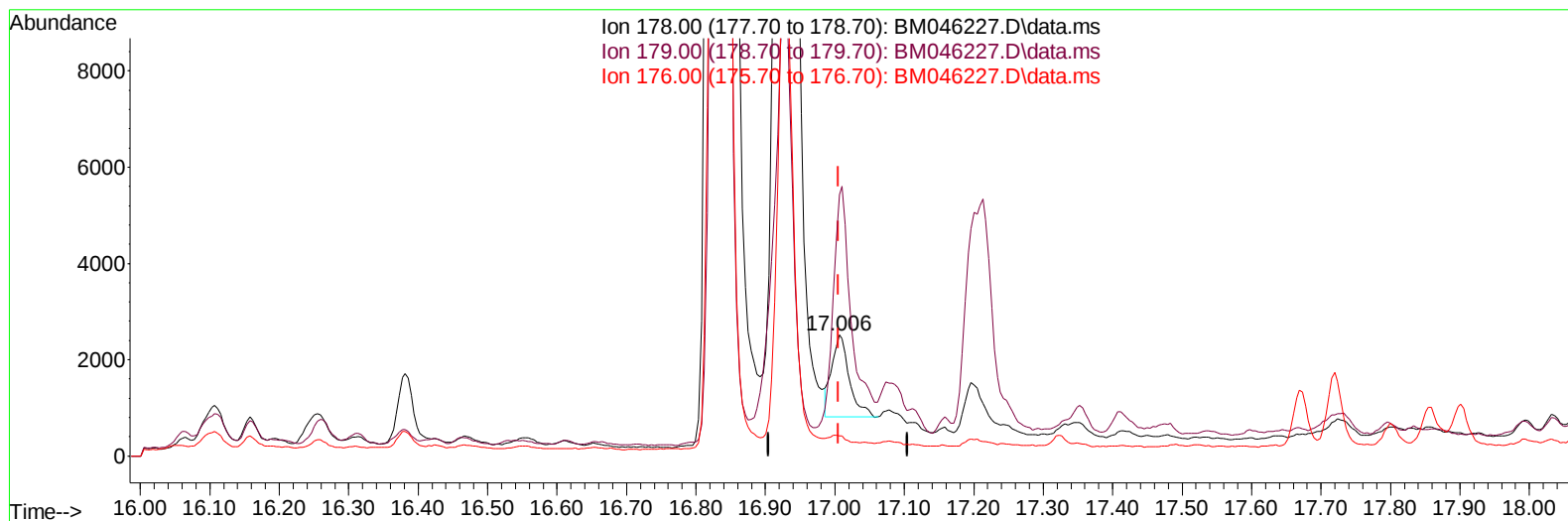
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(16) Anthracene

17.006min (+ 0.001) 0.13 ng/u1

response 3027

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	216.45#
176.00	21.20	16.77#
0.00	0.00	0.00

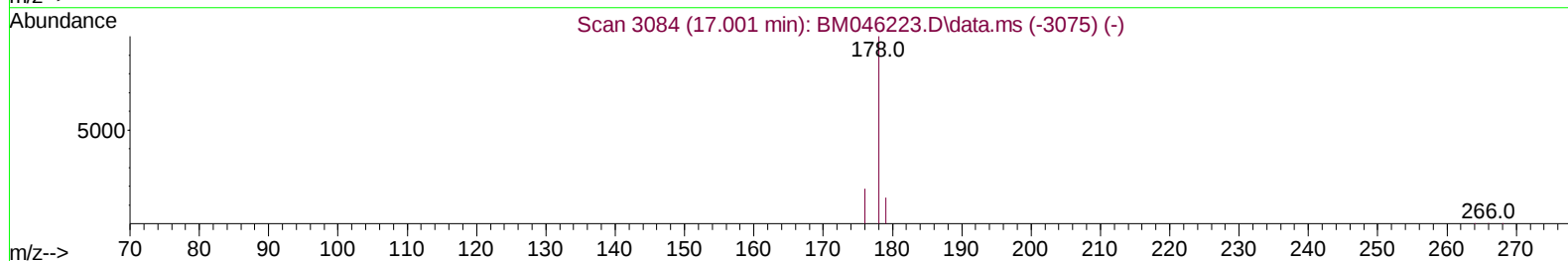
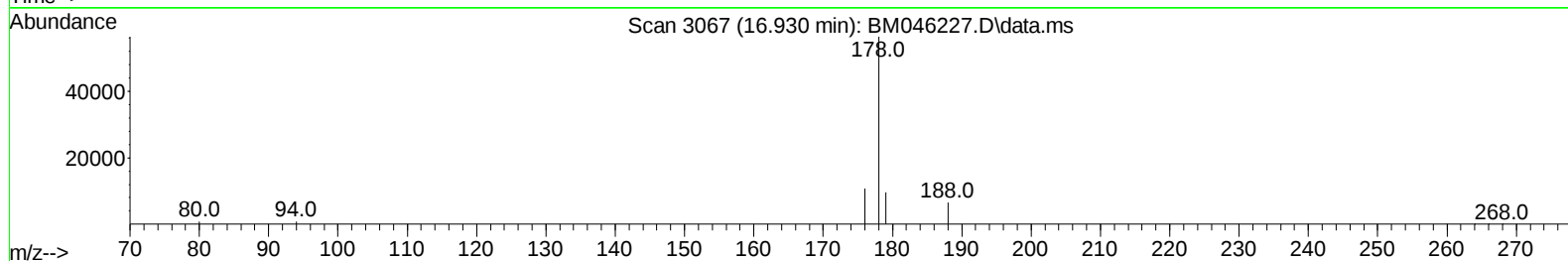
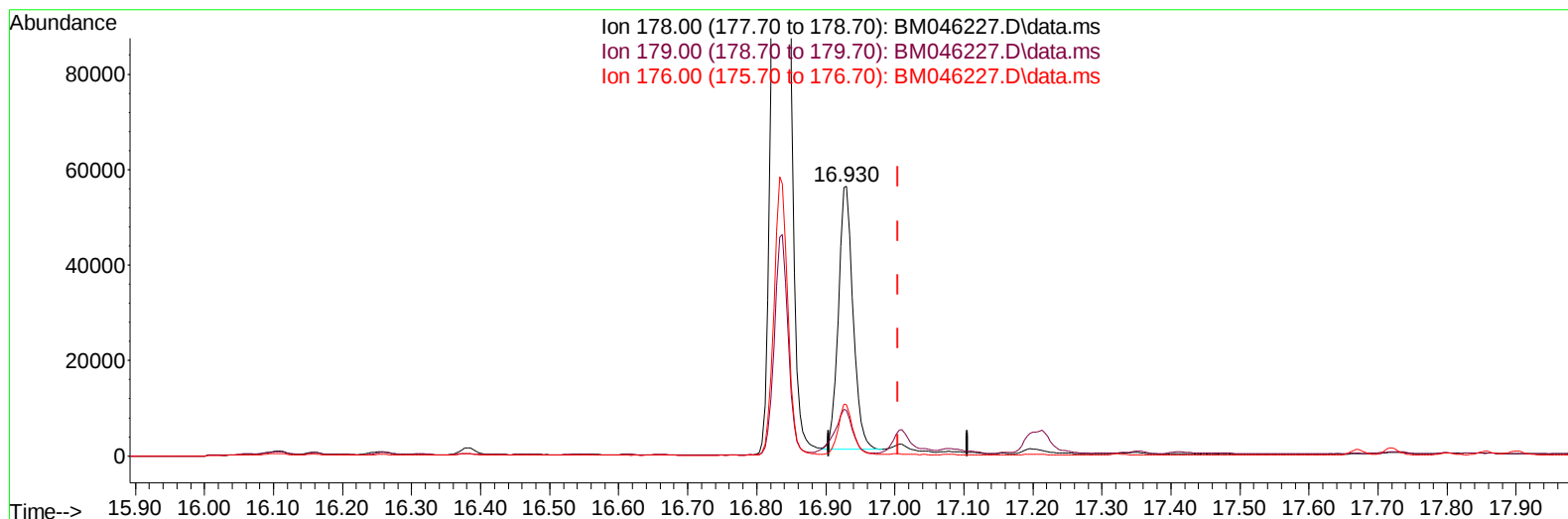
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:24 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: BM046227.D\data.ms

(16) Anthracene

16.930min (-0.075) 3.59 ng/u1 m

response 82000

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	16.88
176.00	21.20	18.92
0.00	0.00	0.00

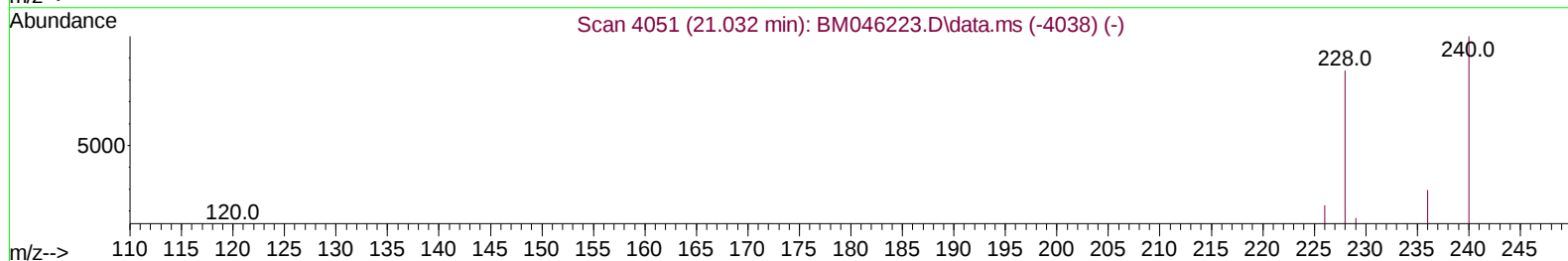
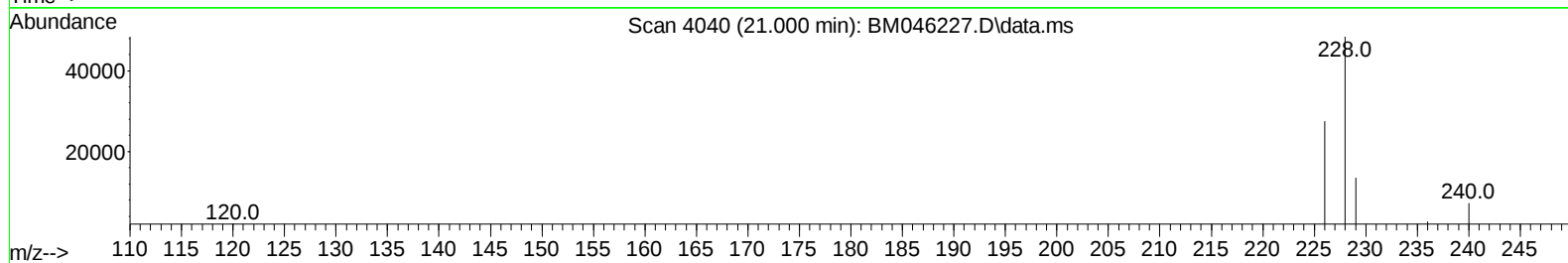
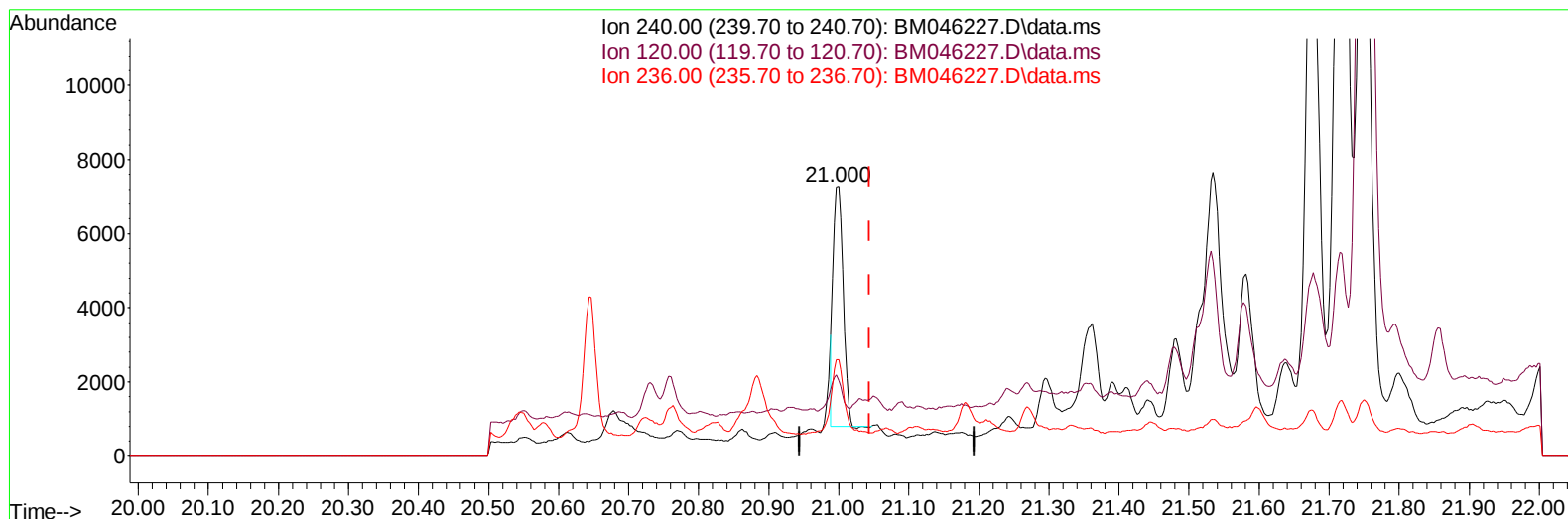
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
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Instrument :
BNA_M
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A4C76

Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(17) Chrysene-d12

21.000min (-0.044) 0.40 ng/u1

response 6444

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	28.08
236.00	33.60	35.72
0.00	0.00	0.00

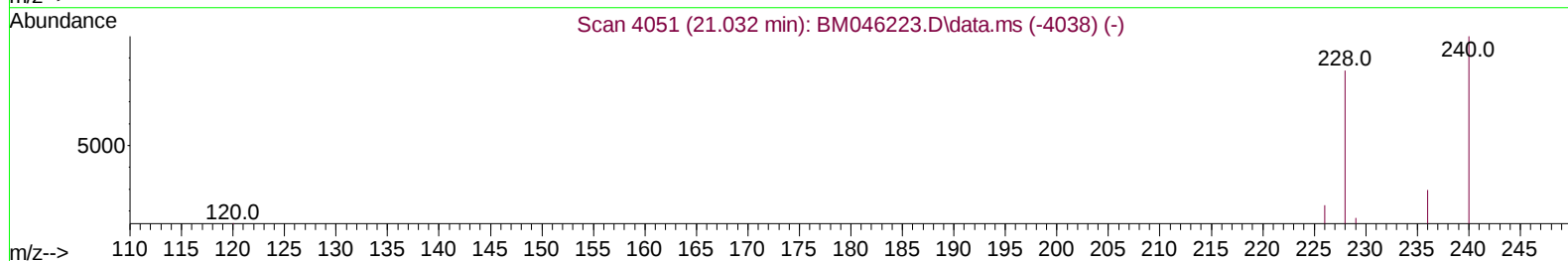
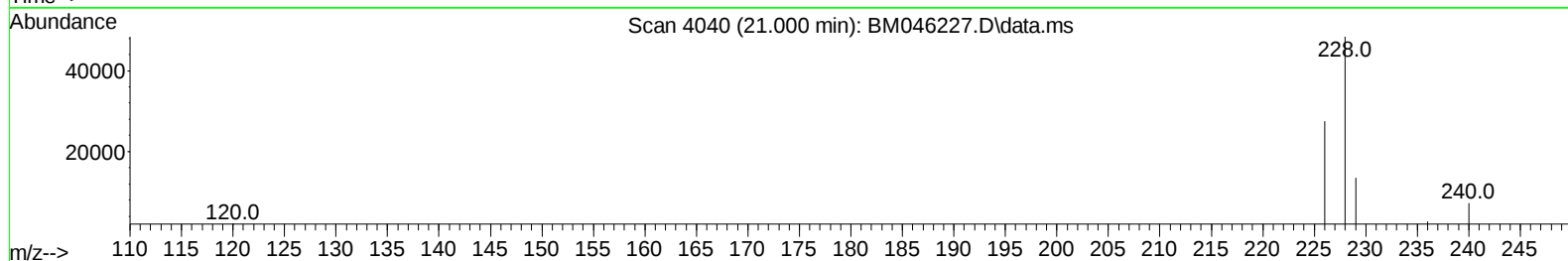
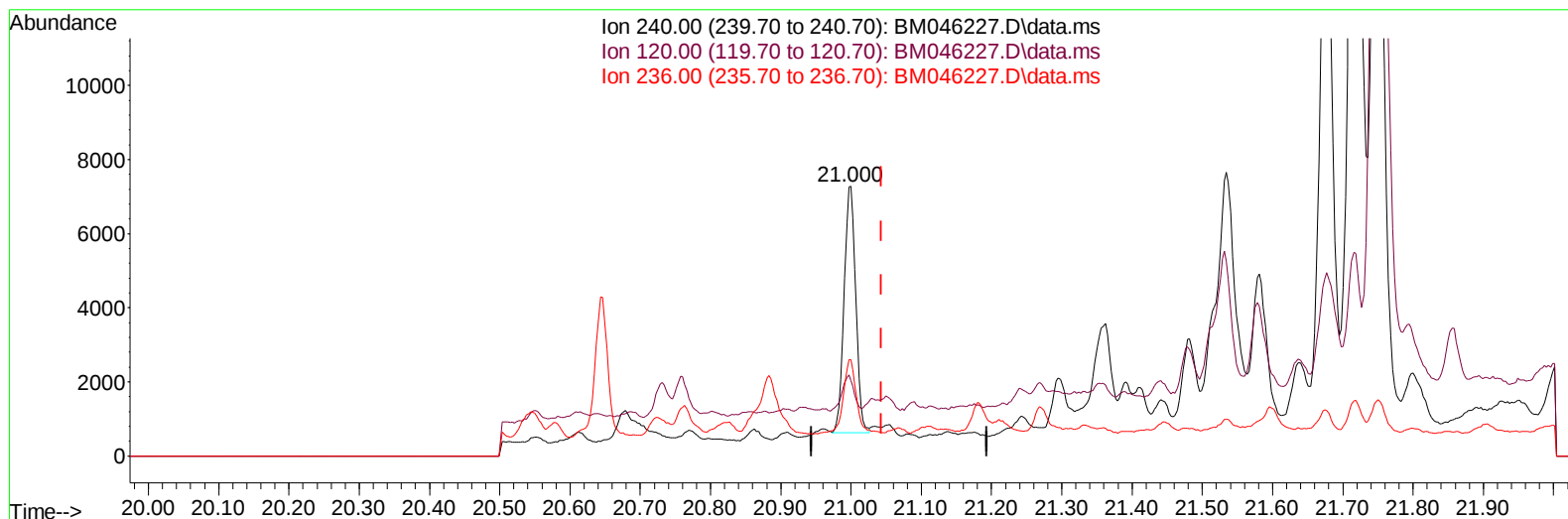
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:24 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

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



TIC: BM046227.D\data.ms

(17) Chrysene-d12

21.000min (-0.044) 0.40 ng/ul m

response 7723

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	28.08
236.00	33.60	35.72
0.00	0.00	0.00

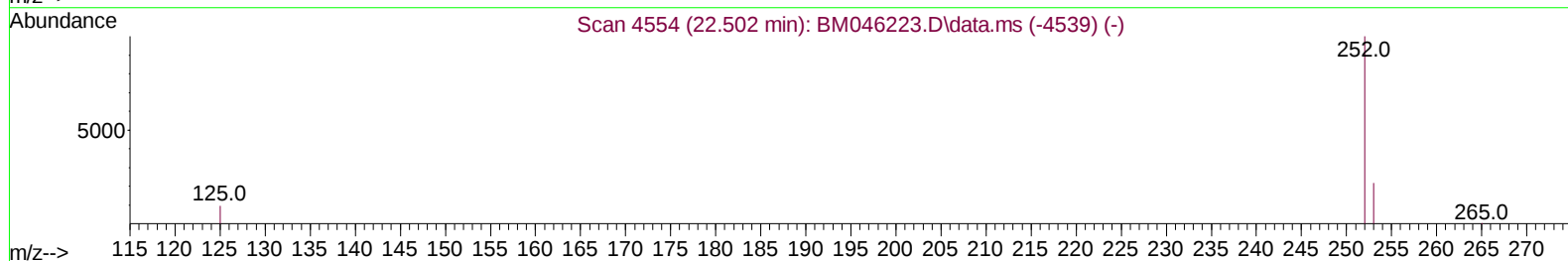
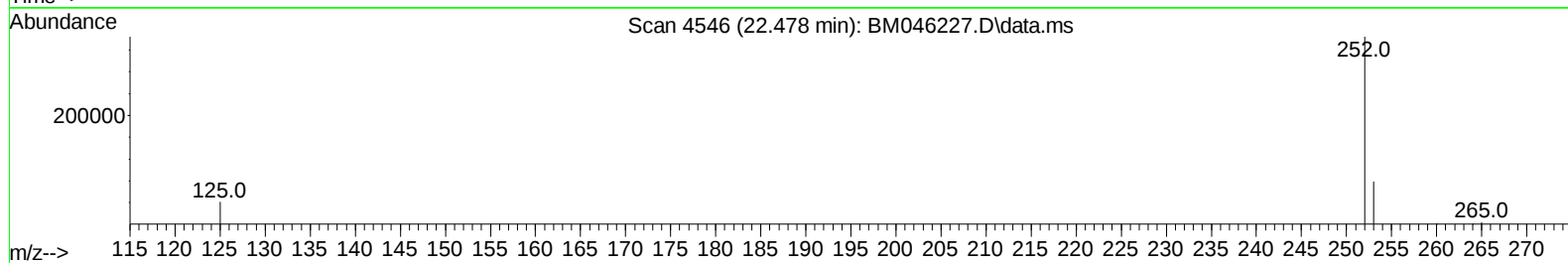
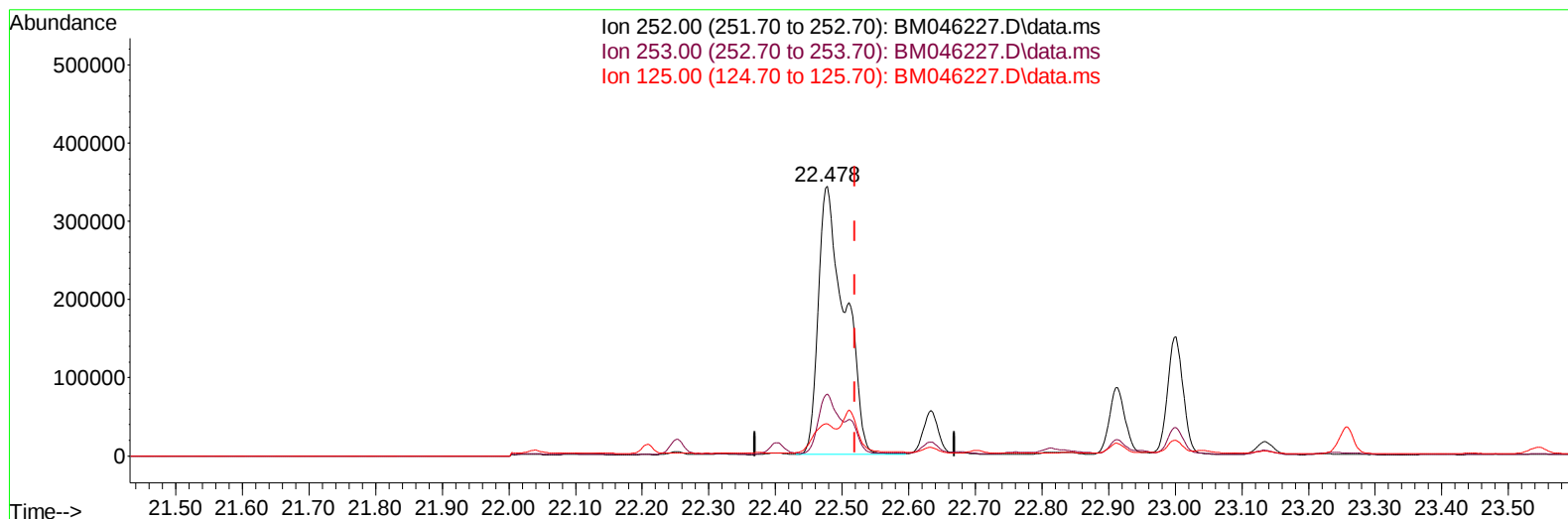
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 25.82 ng/u1

response 950285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.91
125.00	20.10	11.94
0.00	0.00	0.00

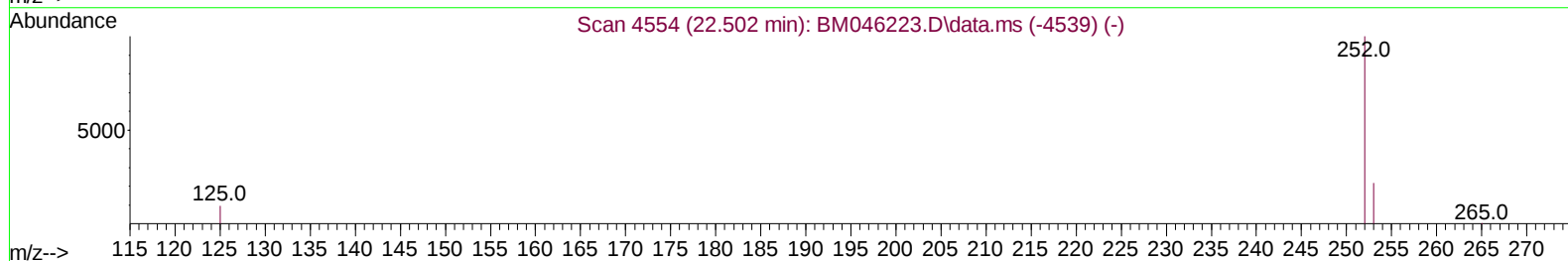
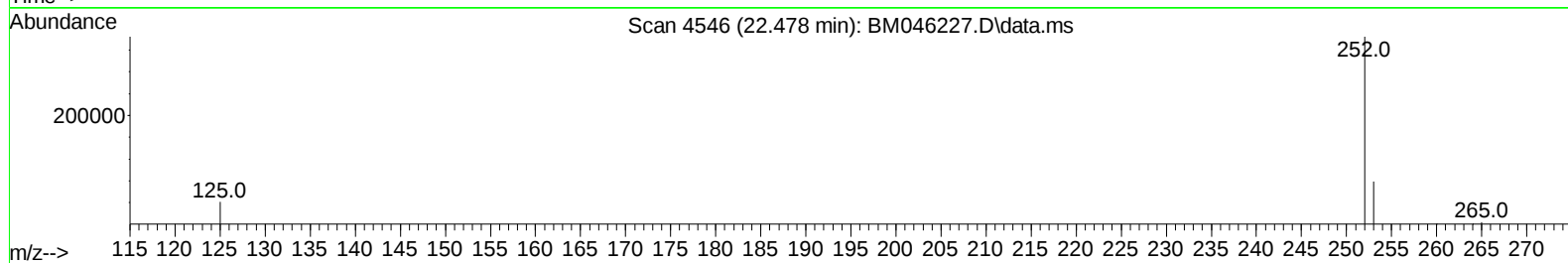
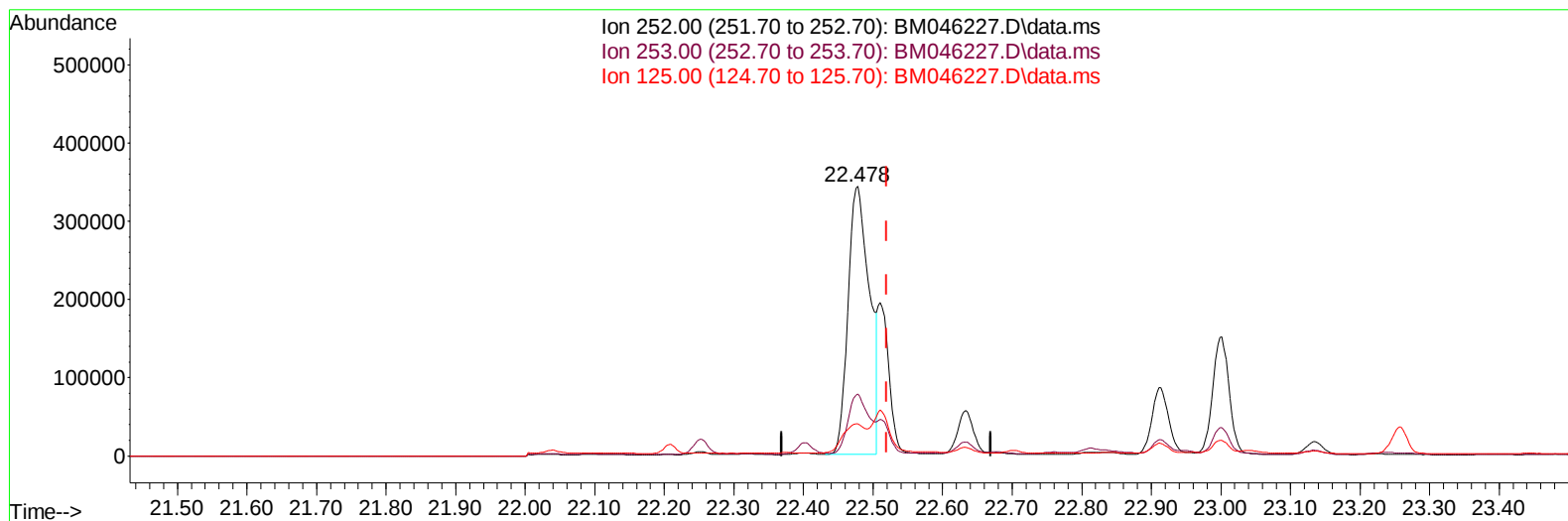
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 19.79 ng/u1 m

response 728600

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.91
125.00	20.10	11.94
0.00	0.00	0.00

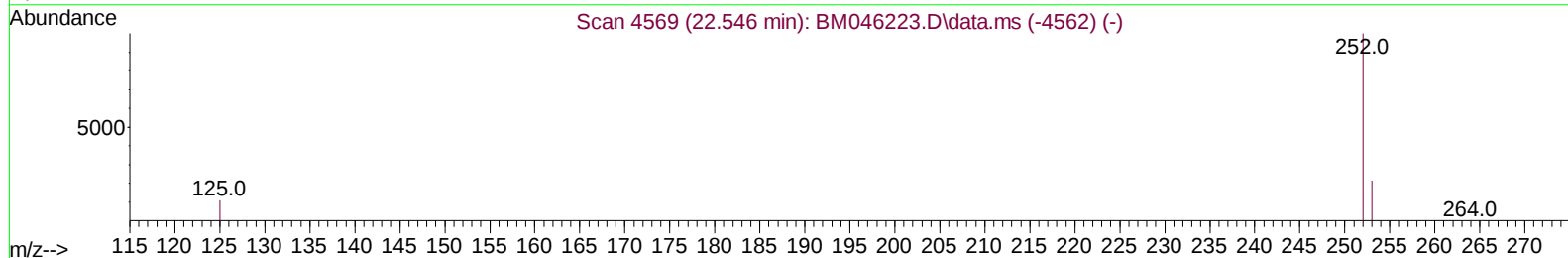
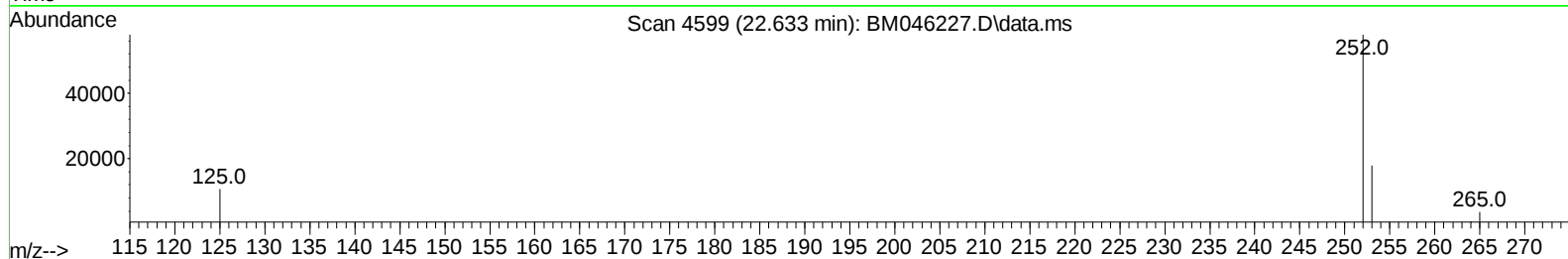
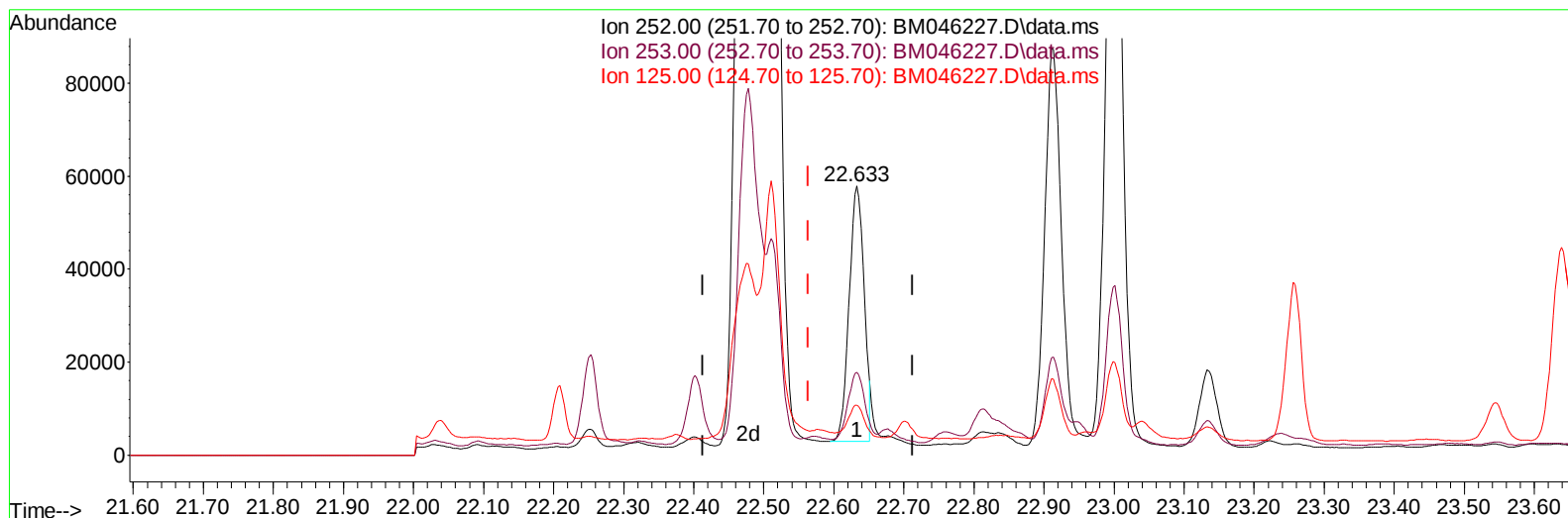
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(25) Benzo(k)fluoranthene

22.633min (+ 0.070) 1.87 ng/u1

response 81823

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.89
125.00	20.80	18.64
0.00	0.00	0.00

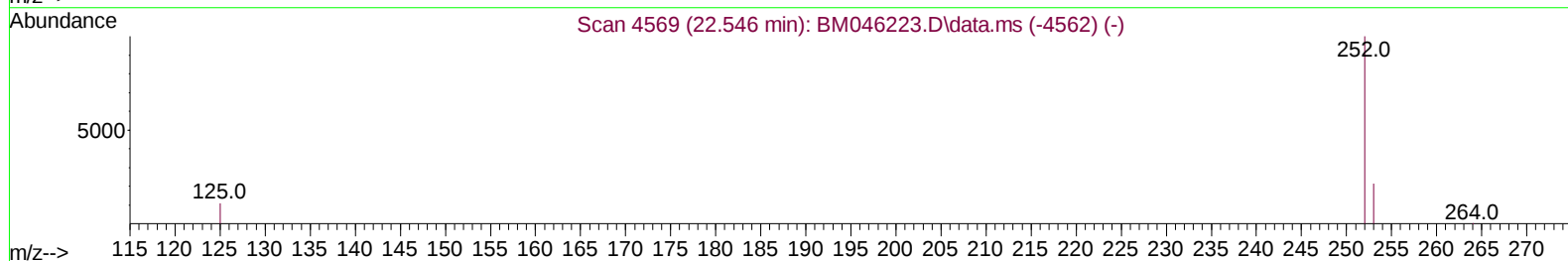
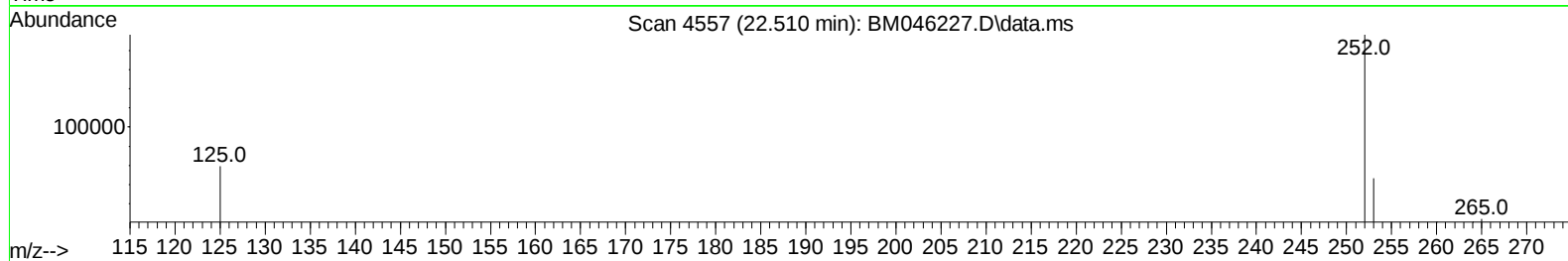
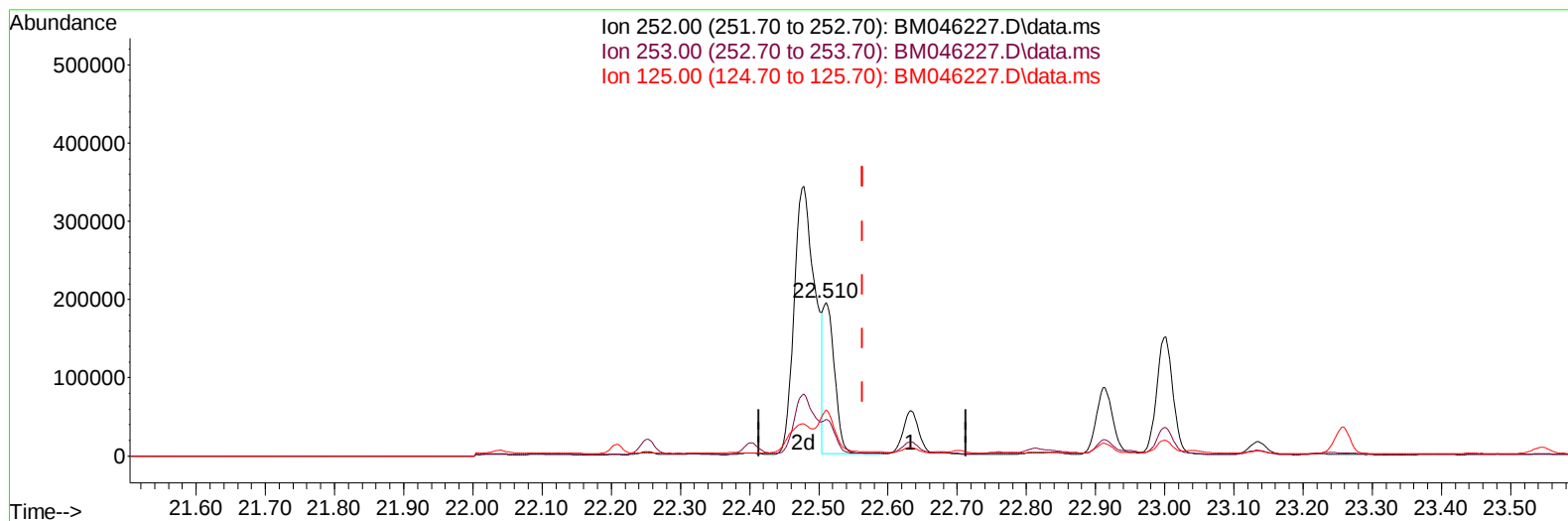
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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



TIC: BM046227.D\data.ms

(25) Benzo(k)fluoranthene

22.510min (-0.053) 4.98 ng/u1 m

response 217872

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.70#
125.00	20.80	30.03#
0.00	0.00	0.00

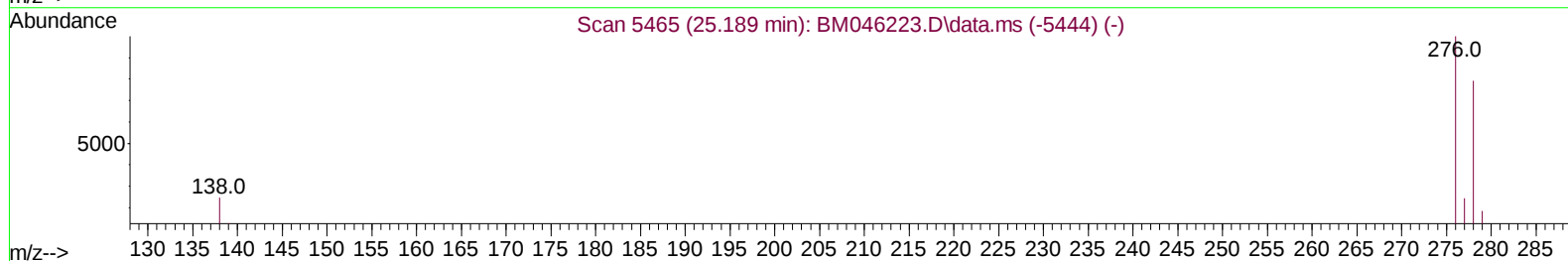
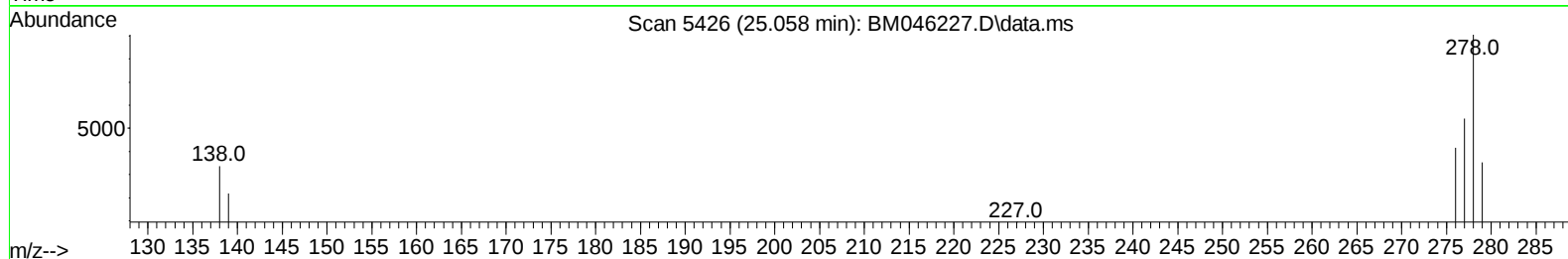
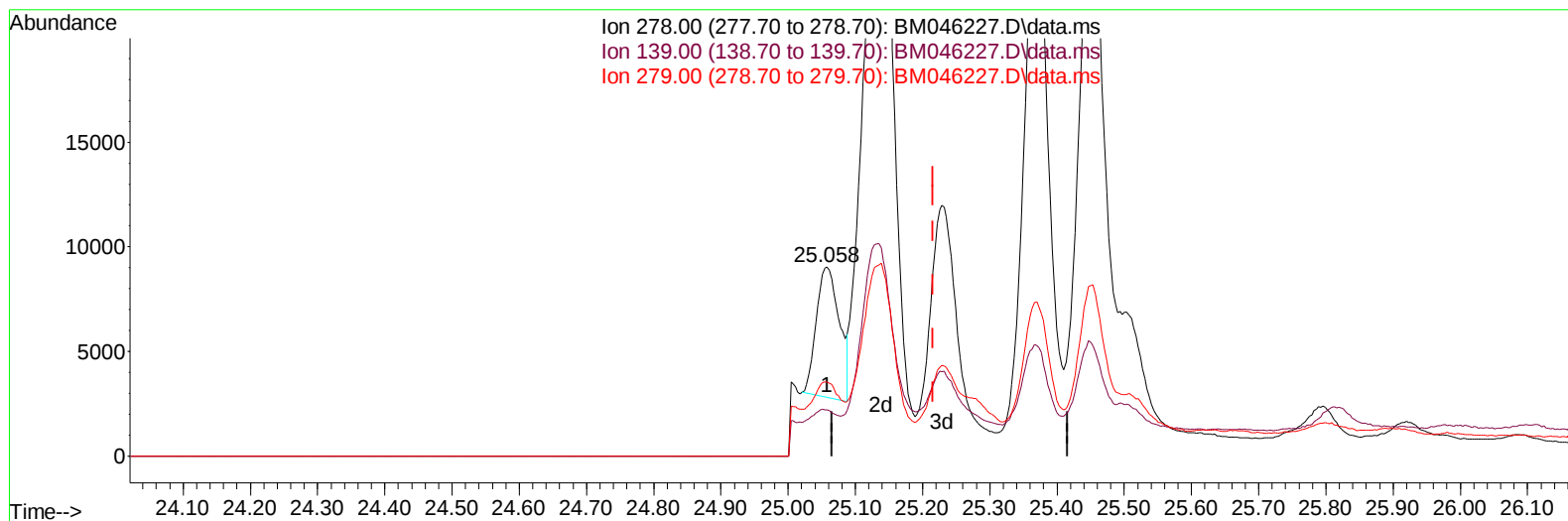
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM046227.D\data.ms

(28) Dibenzo(a,h)anthracene

25.058min (-0.158) 0.36 ng/u1

response 15061

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	24.32
279.00	32.90	39.12
0.00	0.00	0.00

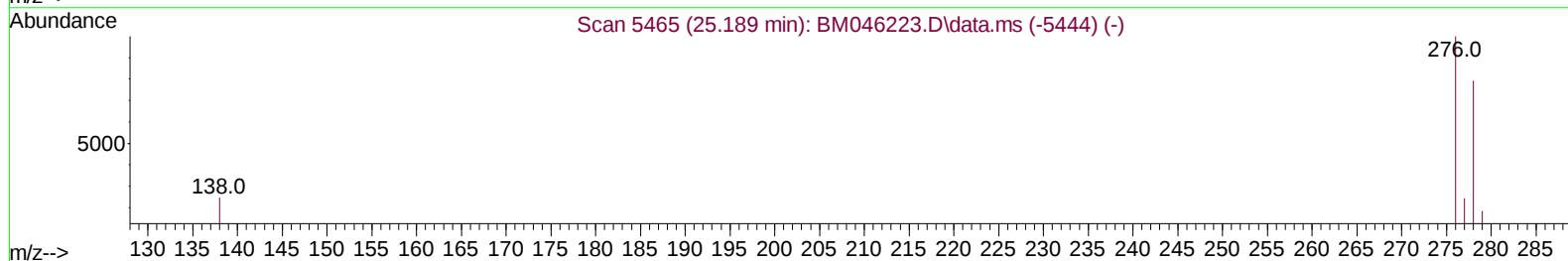
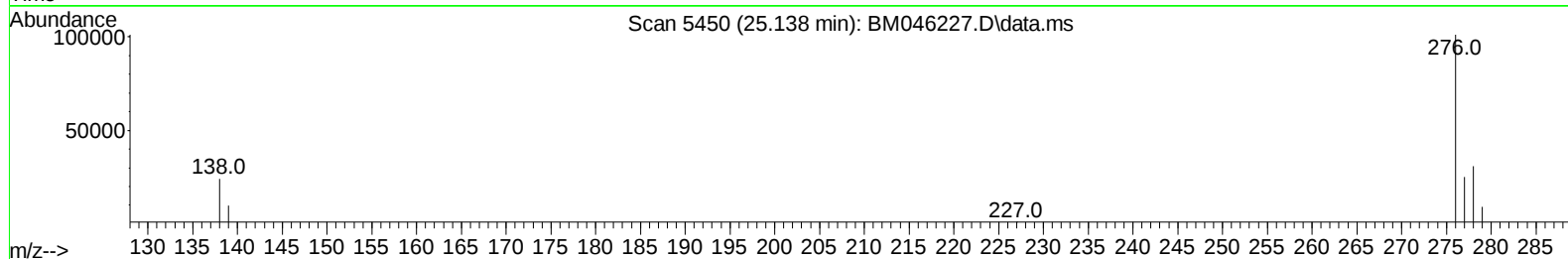
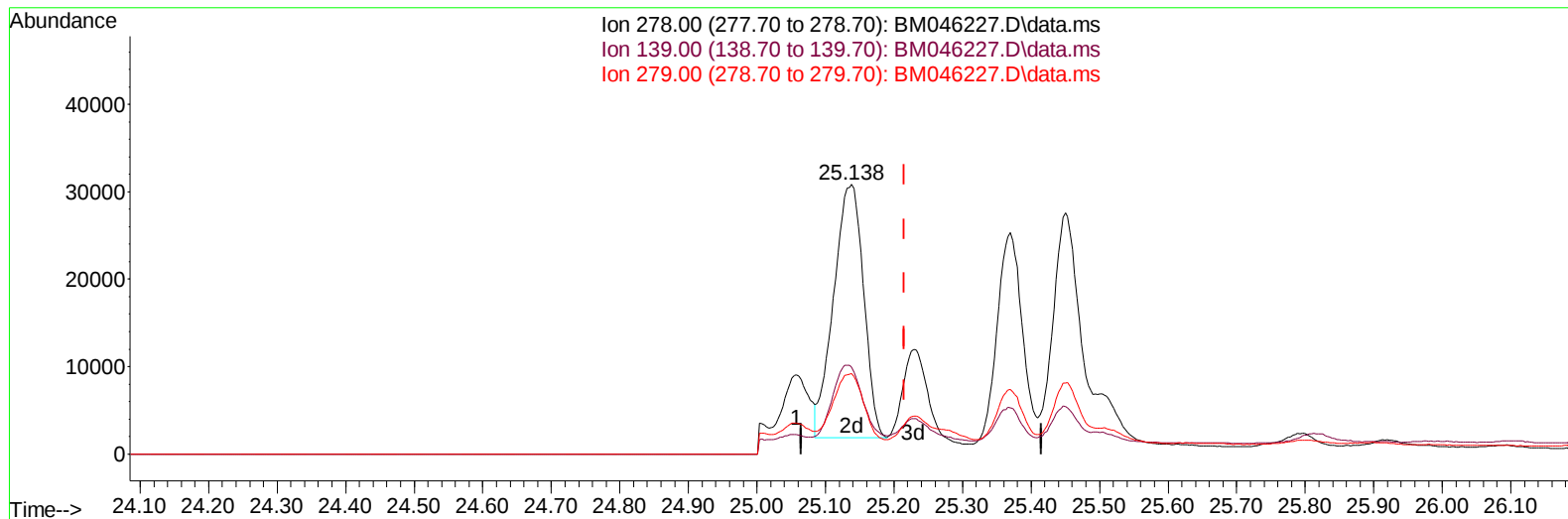
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046227.D
Acq On : 23 Jun 2024 10:11
Operator : MA/JU
Sample : P2776-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C76

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:24 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: BM046227.D\data.ms

(28) Dibenzo(a,h)anthracene

25.138min (-0.078) 2.12 ng/u1 m

response 88261

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	32.28#
279.00	32.90	29.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046227.D
 Acq On : 23 Jun 2024 10:11
 Operator : MA/JU
 Sample : P2776-22
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 24 02:29:24 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2718	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8527	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4909	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.795	188	10928m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.000	240	7723m	0.400	ng/ul	-0.04
23) Perylene-d12	23.089	264	10217	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	14485	3.884	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.783	152	3903	0.341	ng/ul	-0.08
18) Fluoranthene-d10	18.830	212	9342	0.404	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.222	128	12989	0.546	ng/ul	95
7) 2-Methylnaphthalene	11.860	142	5254	0.393	ng/ul	96
8) 1-Methylnaphthalene	12.075	142	4142	0.282	ng/ul	99
10) Acenaphthylene	13.767	152	47552	2.042	ng/ul	97
11) Acenaphthene	14.114	153	13148	0.782	ng/ul	98
12) Fluorene	15.108	166	16924	0.938	ng/ul	99
14) Pentachlorophenol	16.483	266	275	0.084	ng/ul	94
15) Phenanthrene	16.837	178	417035m	13.583	ng/ul	
16) Anthracene	16.930	178	82000m	3.586	ng/ul	
19) Fluoranthene	18.858	202	984903	29.454	ng/ul	97
20) Pyrene	19.225	202	685406	18.953	ng/ul#	94
21) Benzo(a)anthracene	20.982	228	414762	13.904	ng/ul	99
22) Chrysene	21.035	228	471582	12.387	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	728600m	19.794	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	217872m	4.979	ng/ul	
26) Benzo(a)pyrene	23.001	252	247828	7.266	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.132	276	270366	4.843	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.138	278	88261m	2.124	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	42490	0.888	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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