

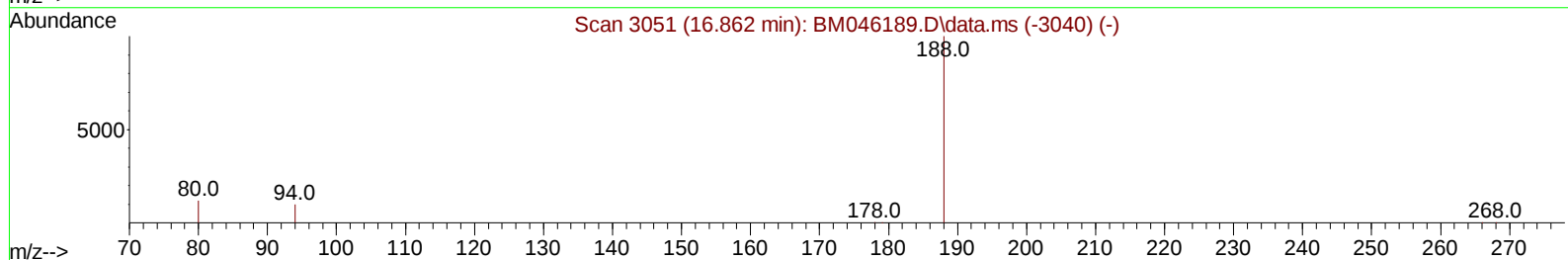
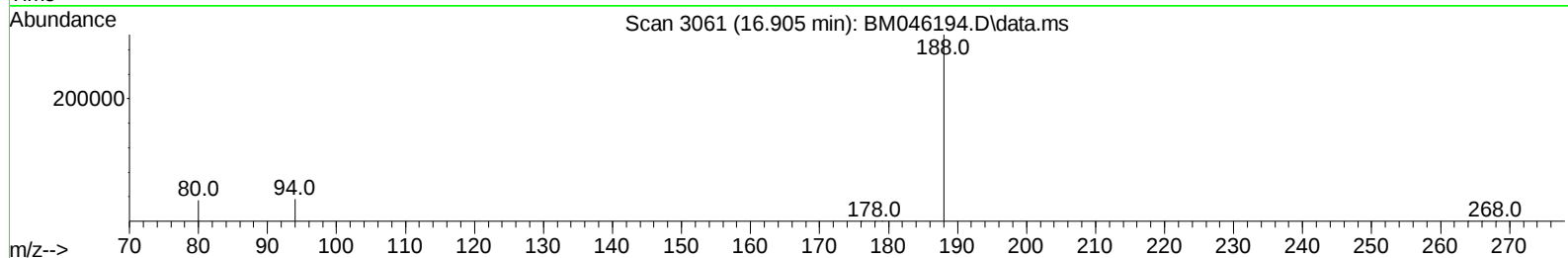
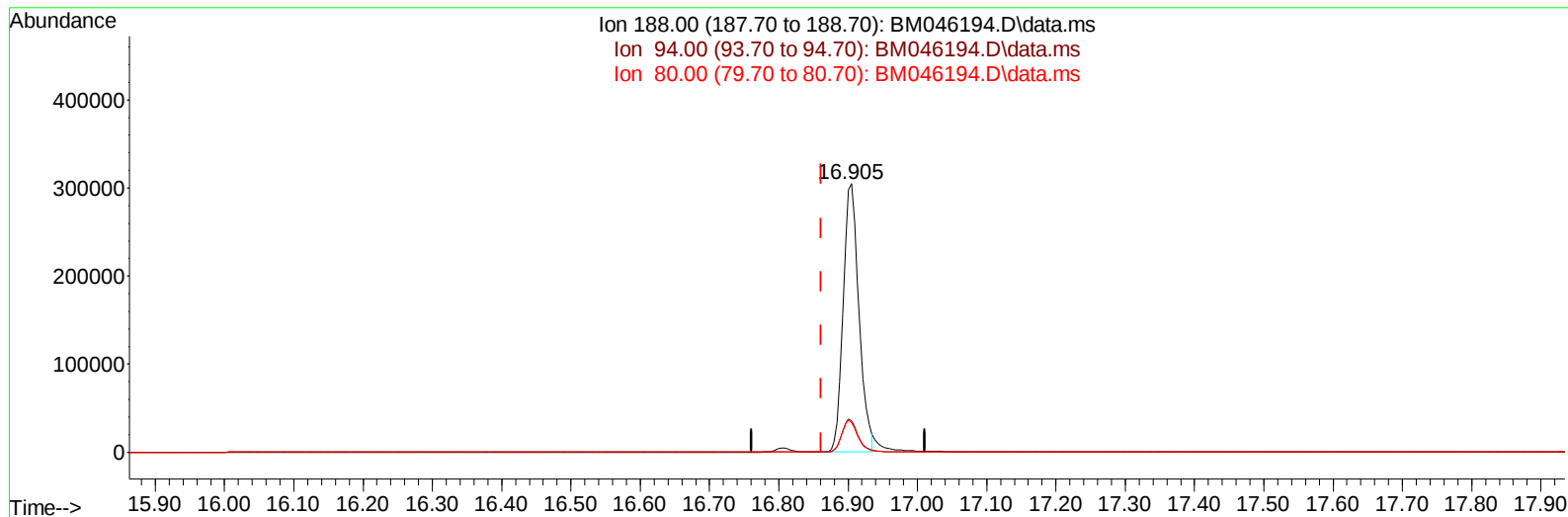
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

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



TIC: BM046194.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (+ 0.044) 0.40 ng/u1

response 480518

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.77
80.00	15.20	11.10#
0.00	0.00	0.00

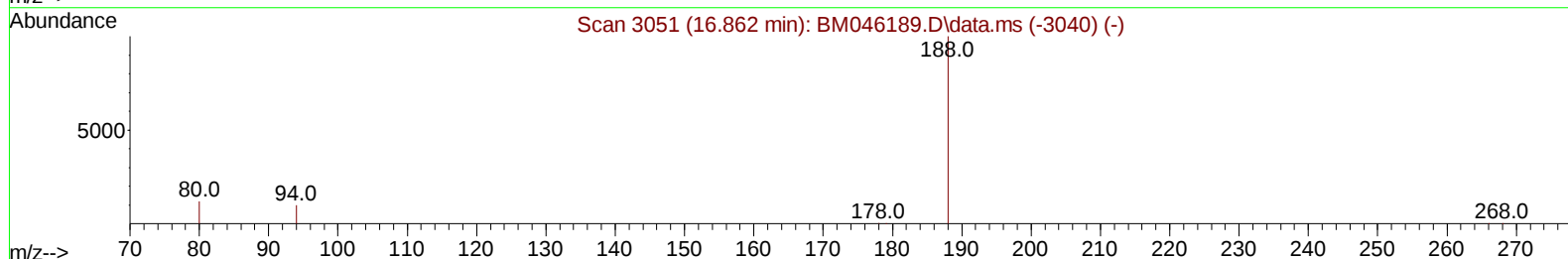
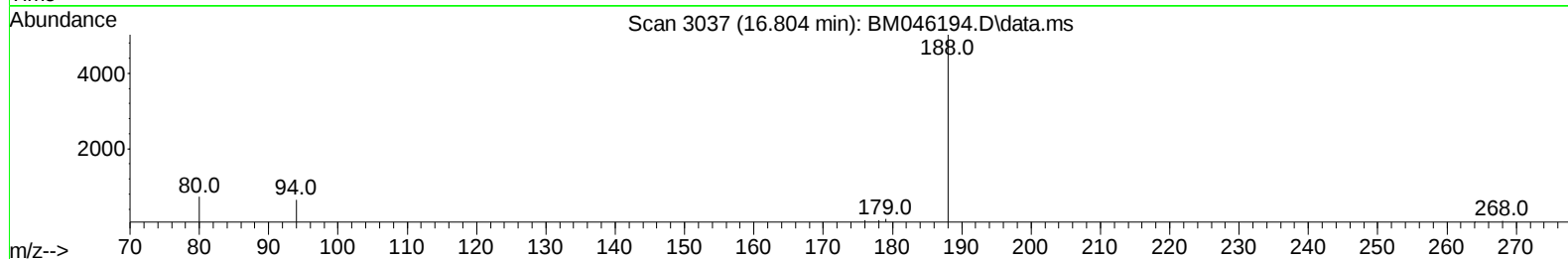
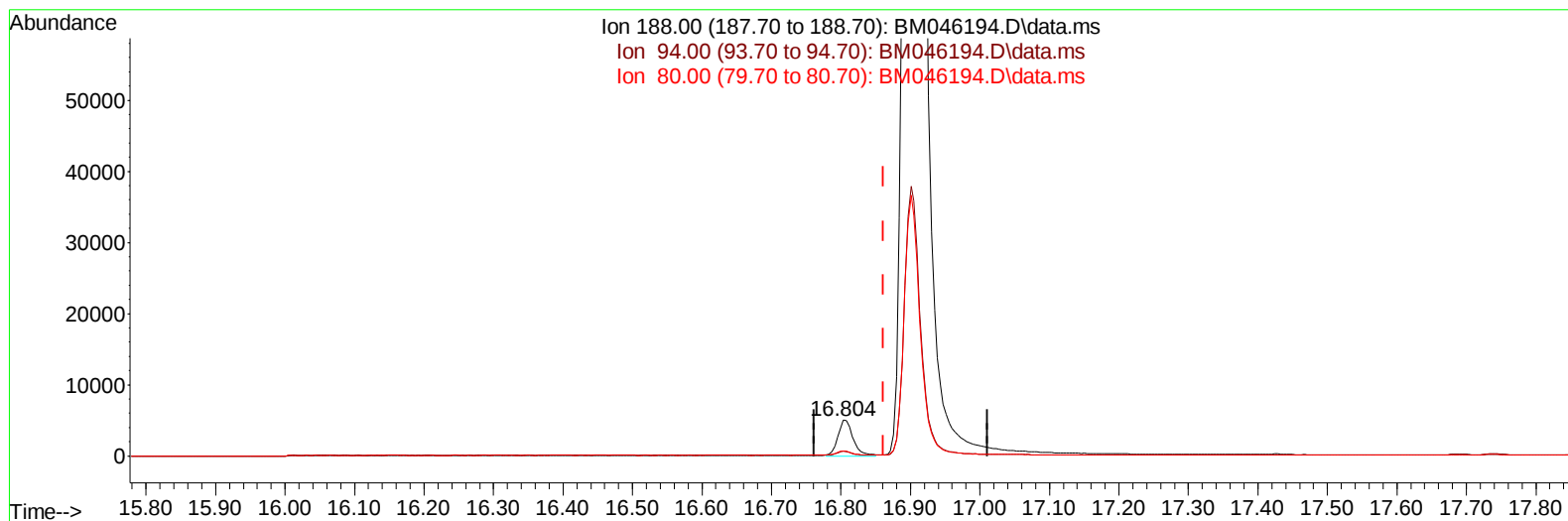
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
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Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(13) Phenanthrene-d10 (I)

16.804min (-0.058) 0.40 ng/ul m

response 7688

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.90
80.00	15.20	14.37
0.00	0.00	0.00

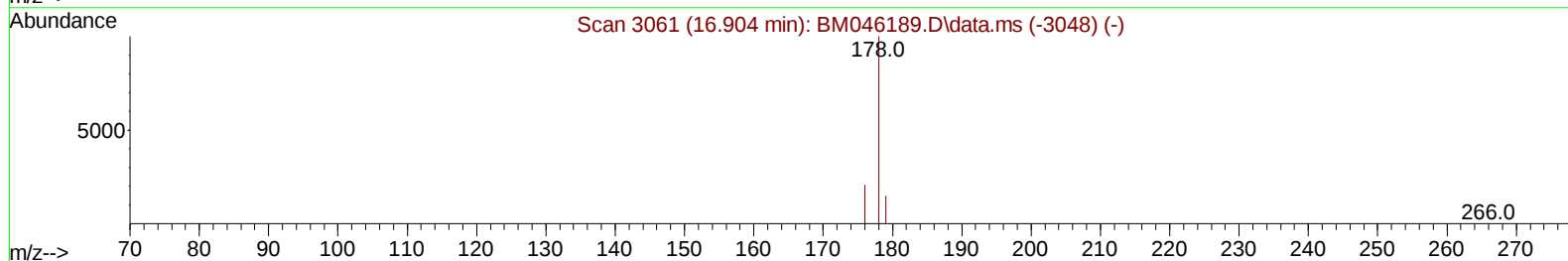
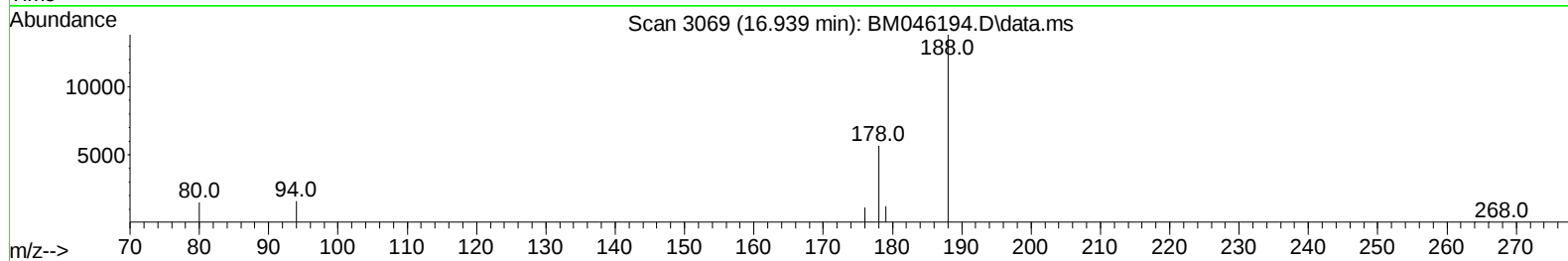
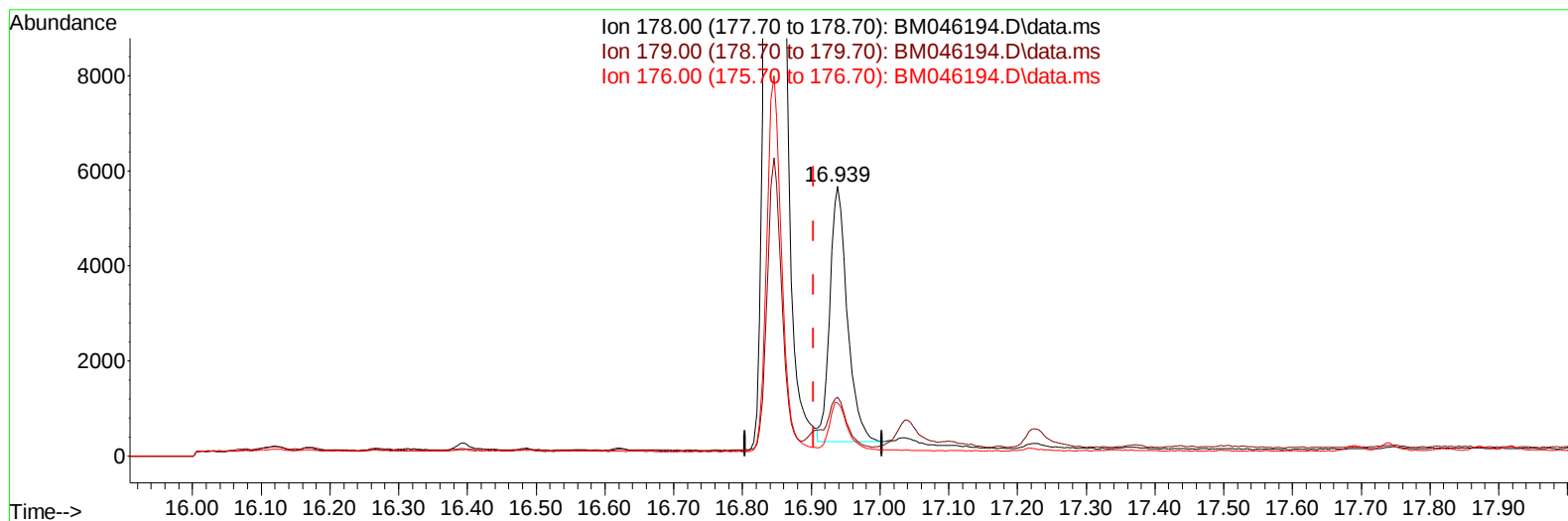
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046194.D
 Acq On : 22 Jun 2024 12:48
 Operator : MA/JU
 Sample : P2775-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(15) Phenanthrene

16.939min (+ 0.035) 0.43 ng/u1

response 9380

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.76#
176.00	21.40	19.82
0.00	0.00	0.00

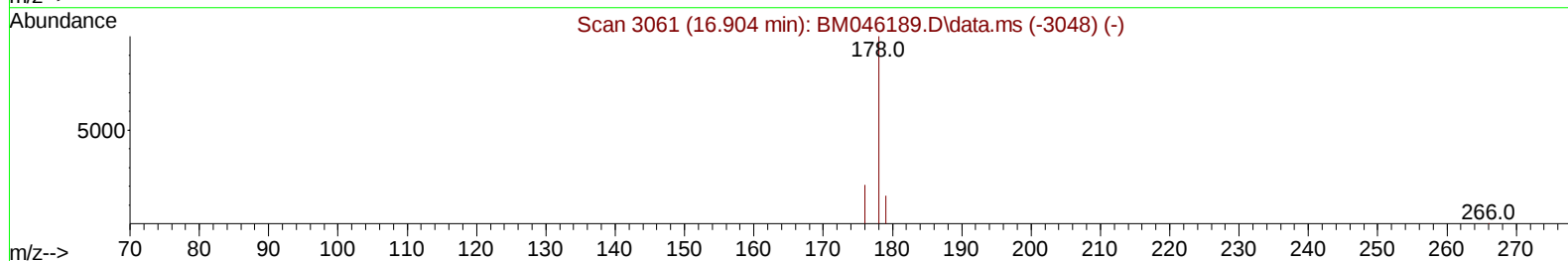
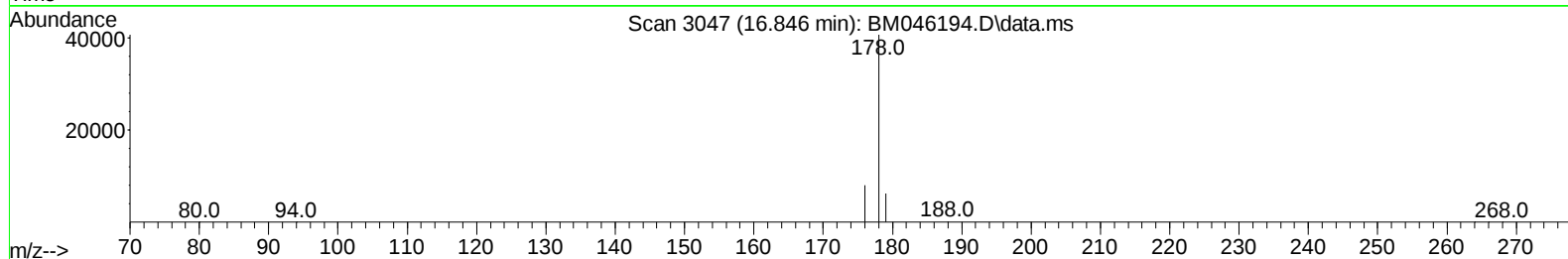
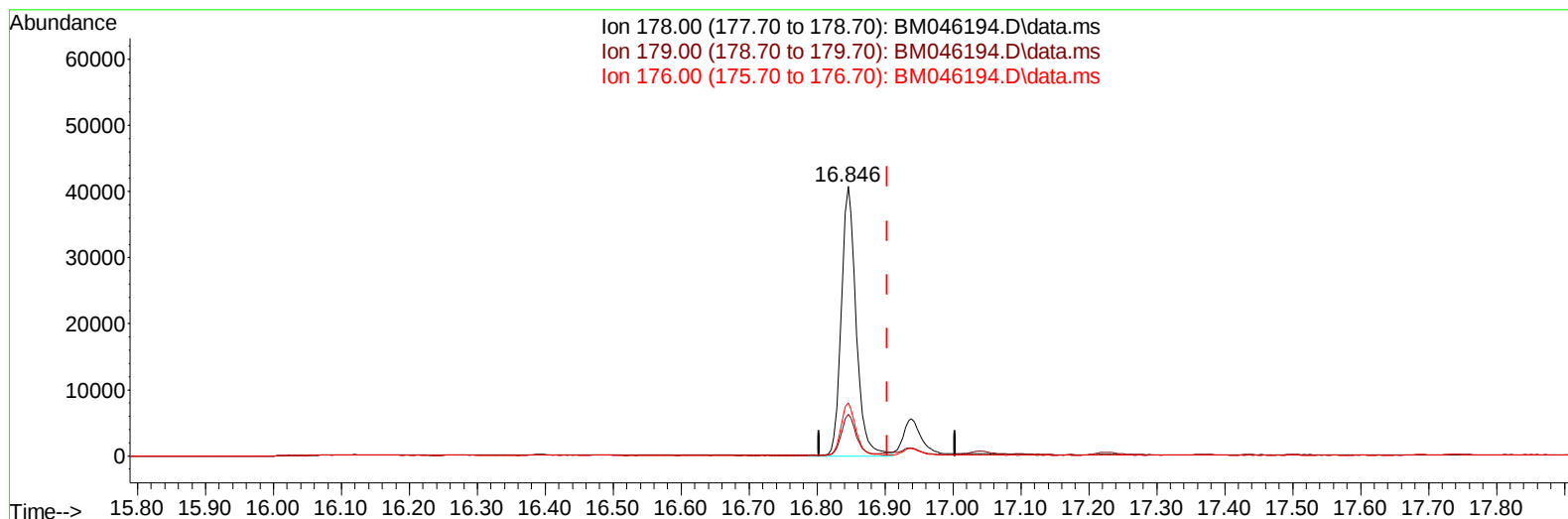
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

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

Quant Time: Jun 22 13:30:51 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046194.D\data.ms

(15) Phenanthrene

16.846min (-0.058) 2.87 ng/u1 m

response 62011

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.40
176.00	21.40	19.65
0.00	0.00	0.00

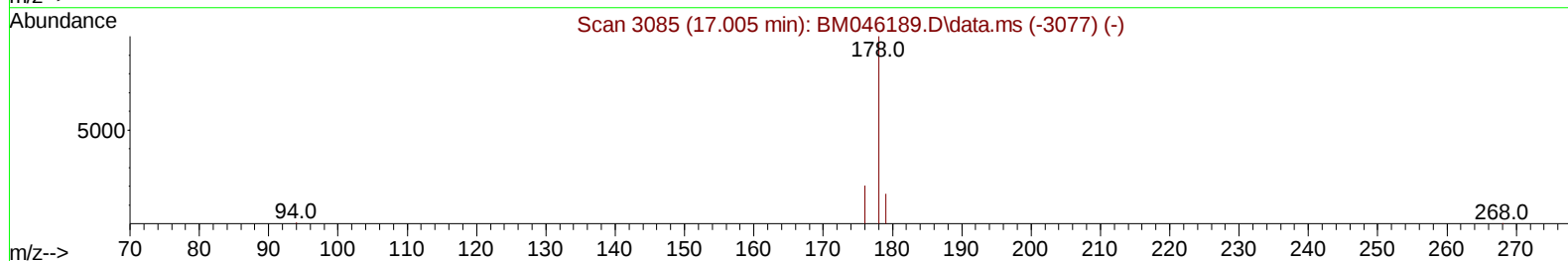
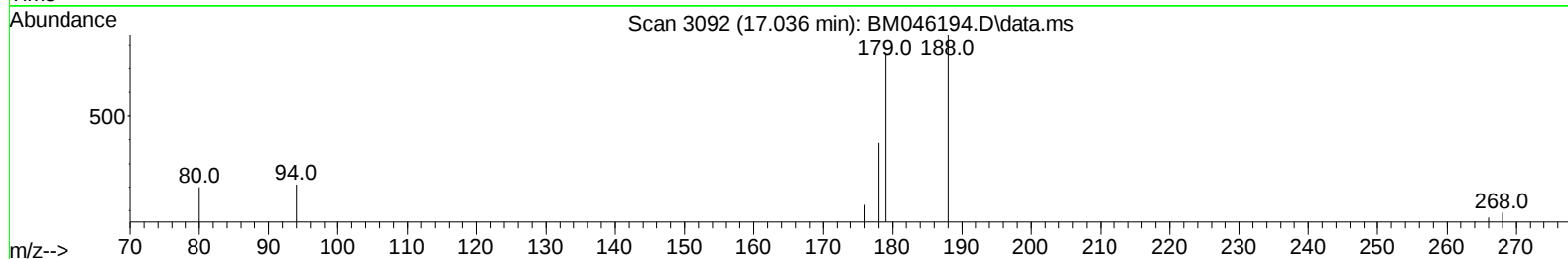
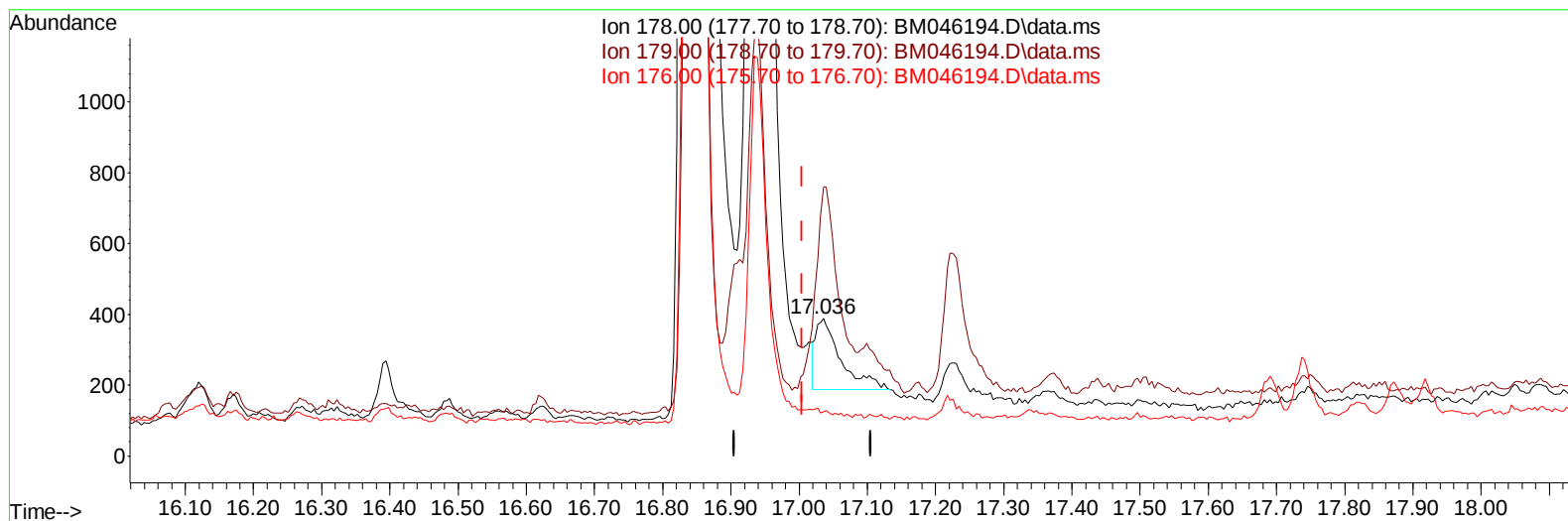
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(16) Anthracene

17.036min (+ 0.031) 0.03 ng/u1

response 511

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	195.63#
176.00	21.20	32.13#
0.00	0.00	0.00

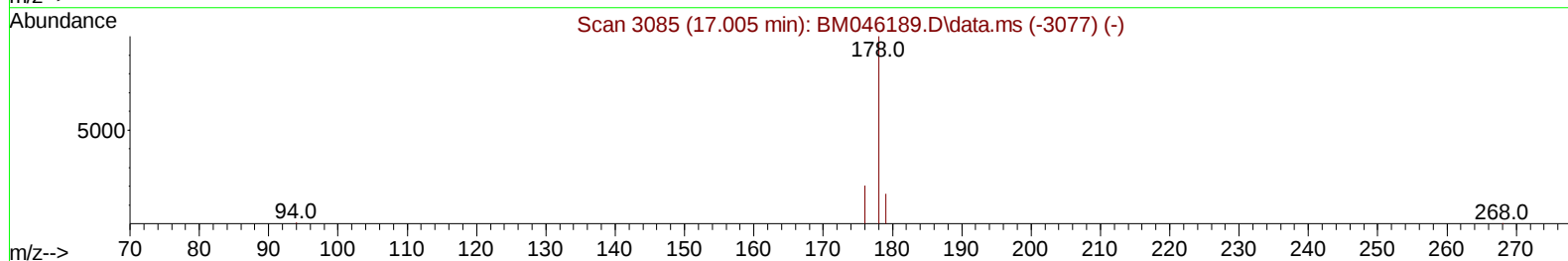
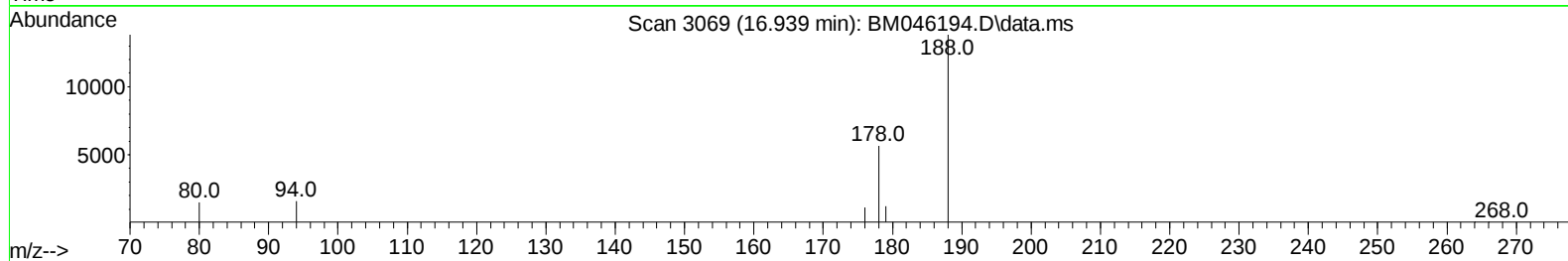
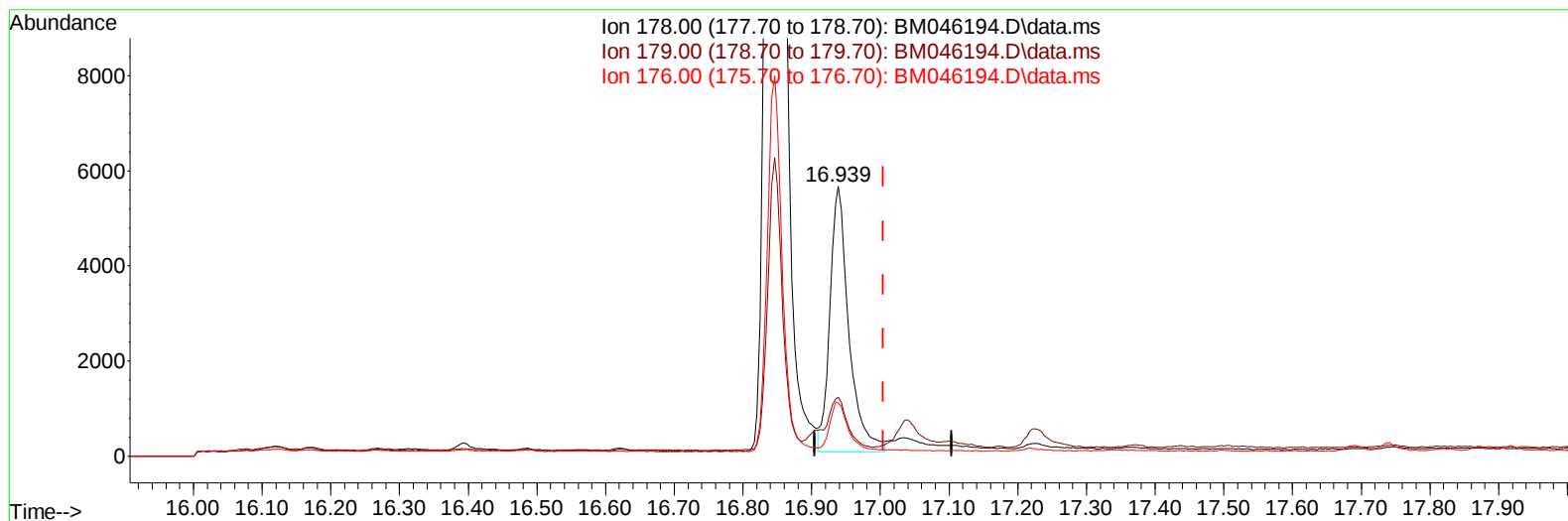
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046194.D\data.ms

(16) Anthracene

16.939min (-0.066) 0.66 ng/u1 m

response 10650

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	21.76
176.00	21.20	19.82
0.00	0.00	0.00

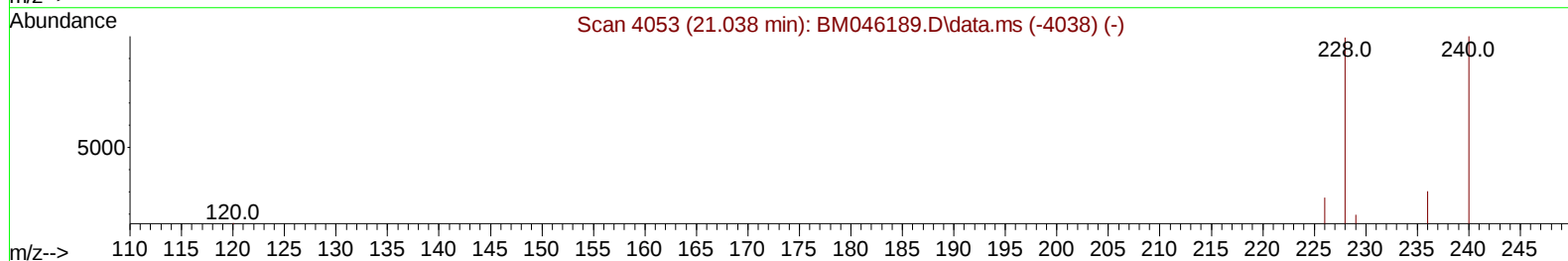
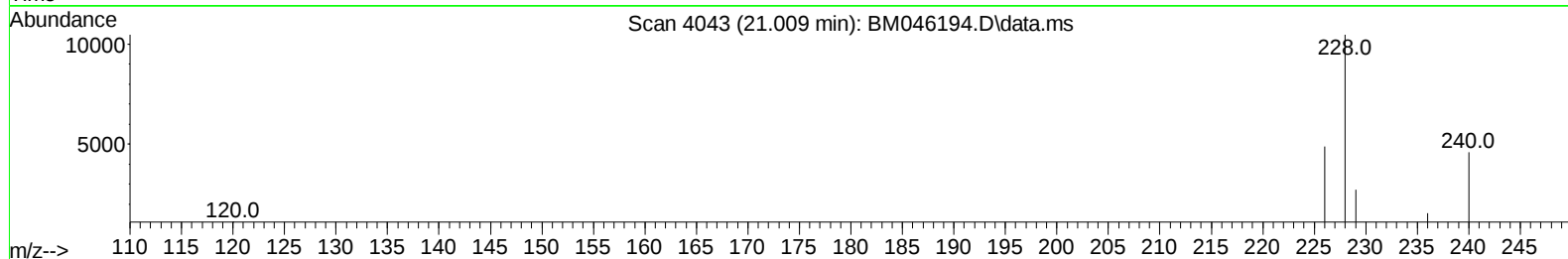
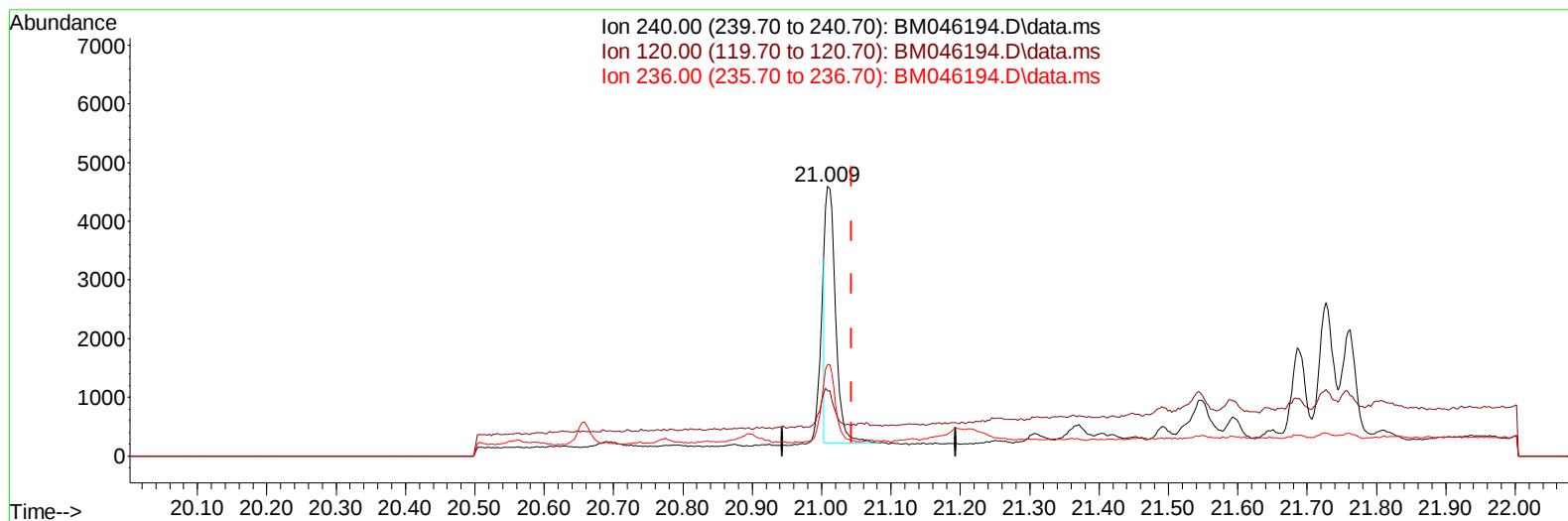
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(17) Chrysene-d12

21.009min (-0.035) 0.40 ng/u1

response 4571

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	24.22
236.00	33.60	33.87
0.00	0.00	0.00

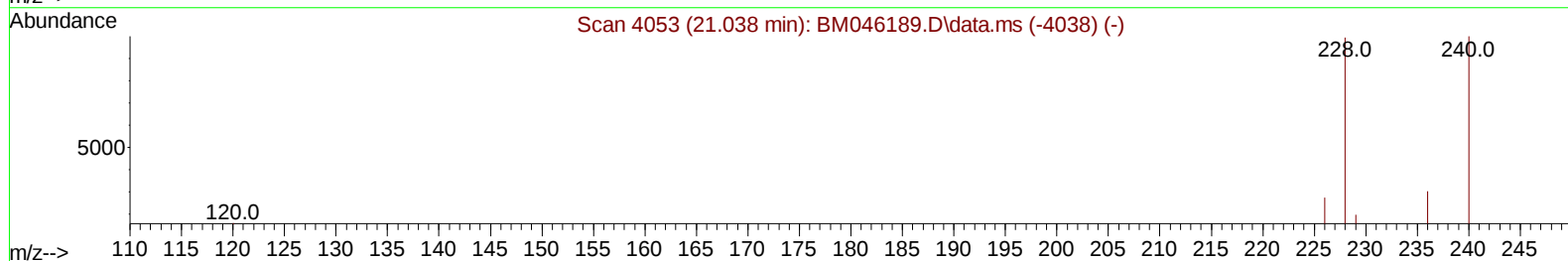
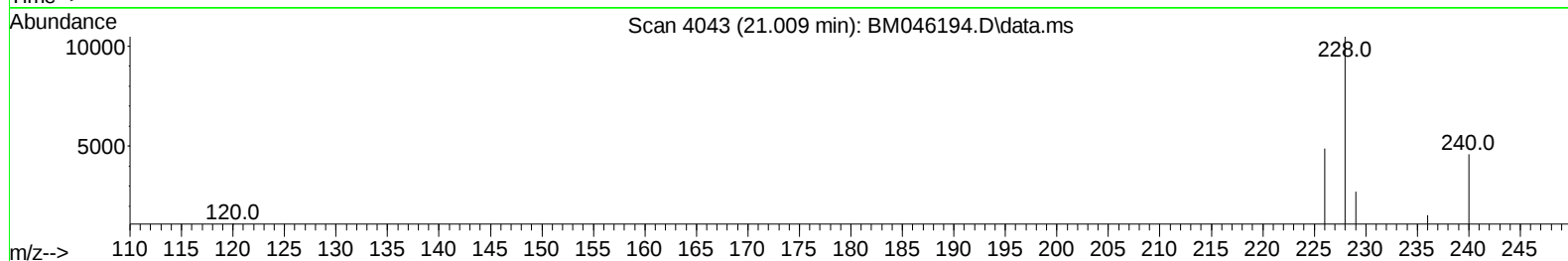
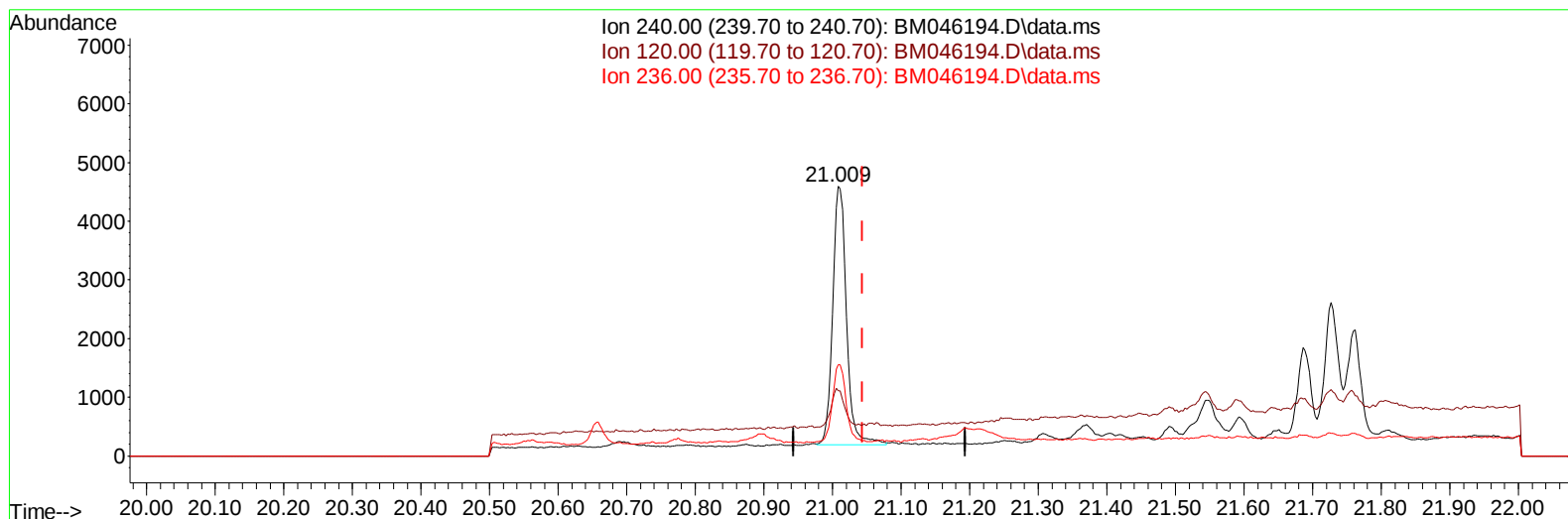
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046194.D\data.ms

(17) Chrysene-d12

21.009min (-0.035) 0.40 ng/u1 m

response 6190

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	24.22
236.00	33.60	33.87
0.00	0.00	0.00

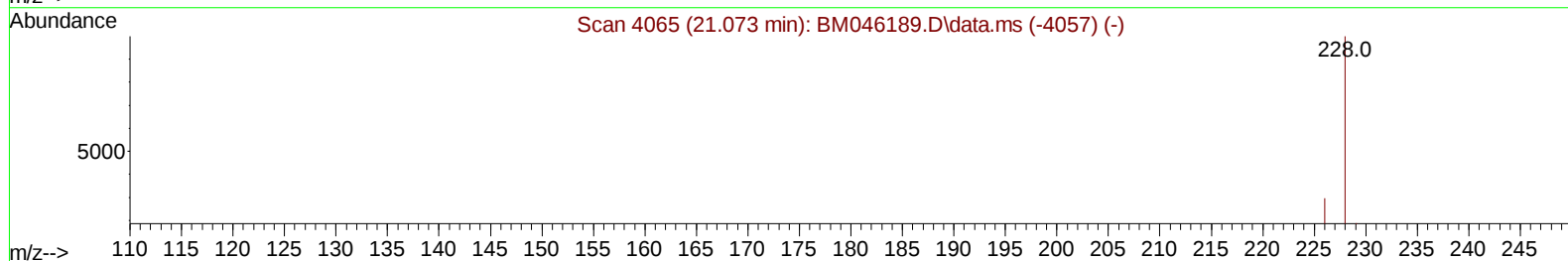
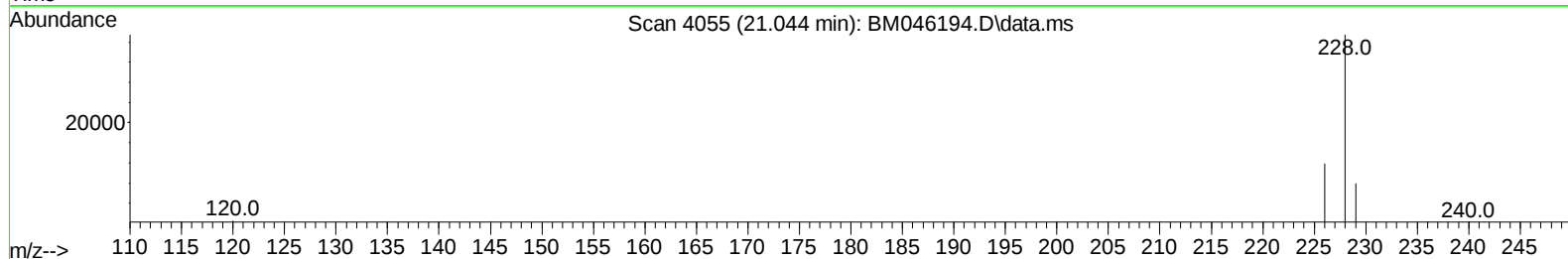
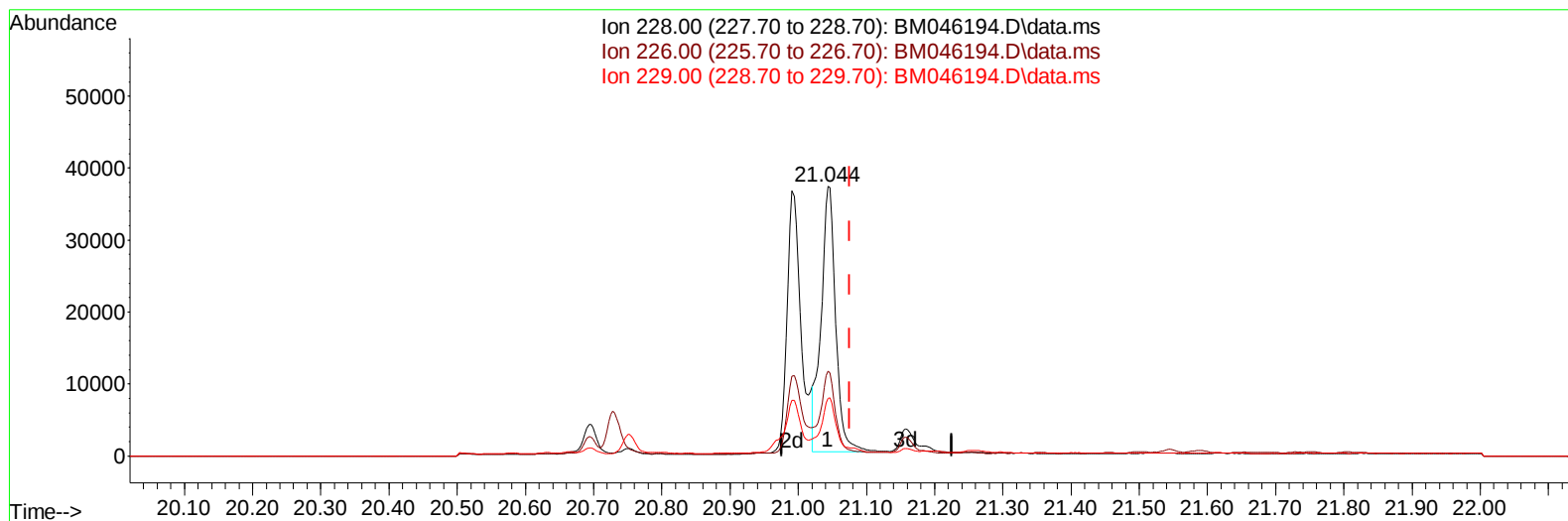
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(22) Chrysene

21.044min (-0.032) 1.81 ng/u1

response 55359

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	31.57
229.00	20.40	21.36
0.00	0.00	0.00

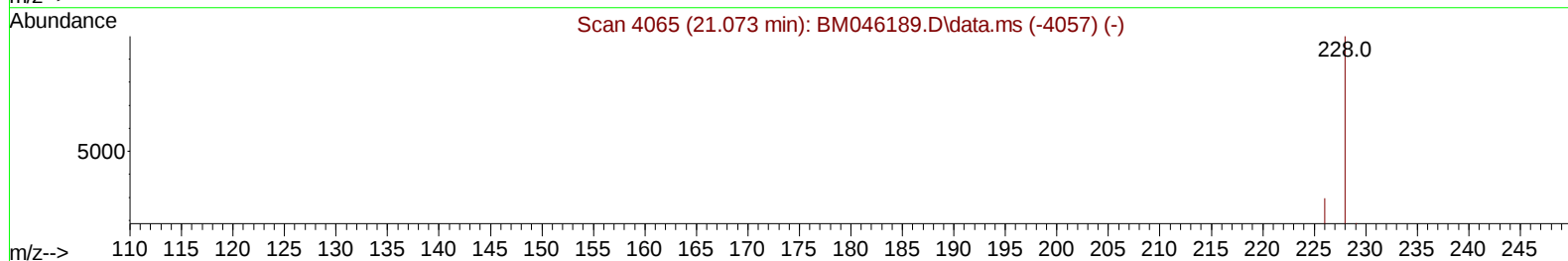
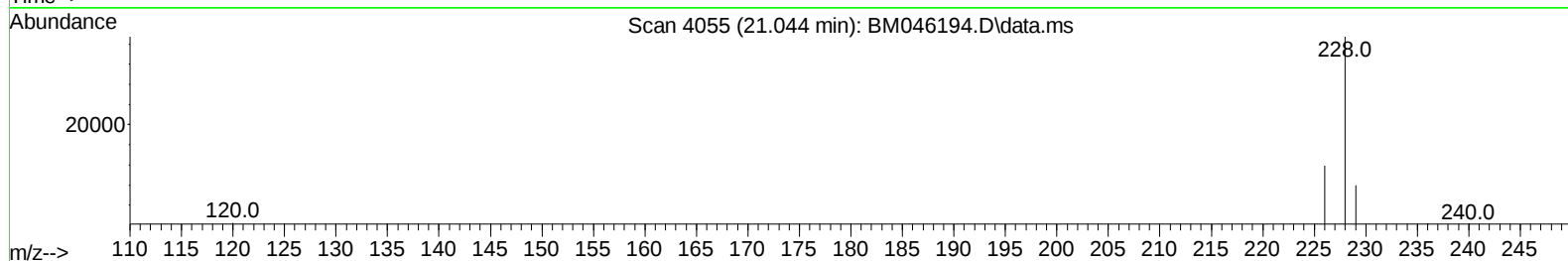
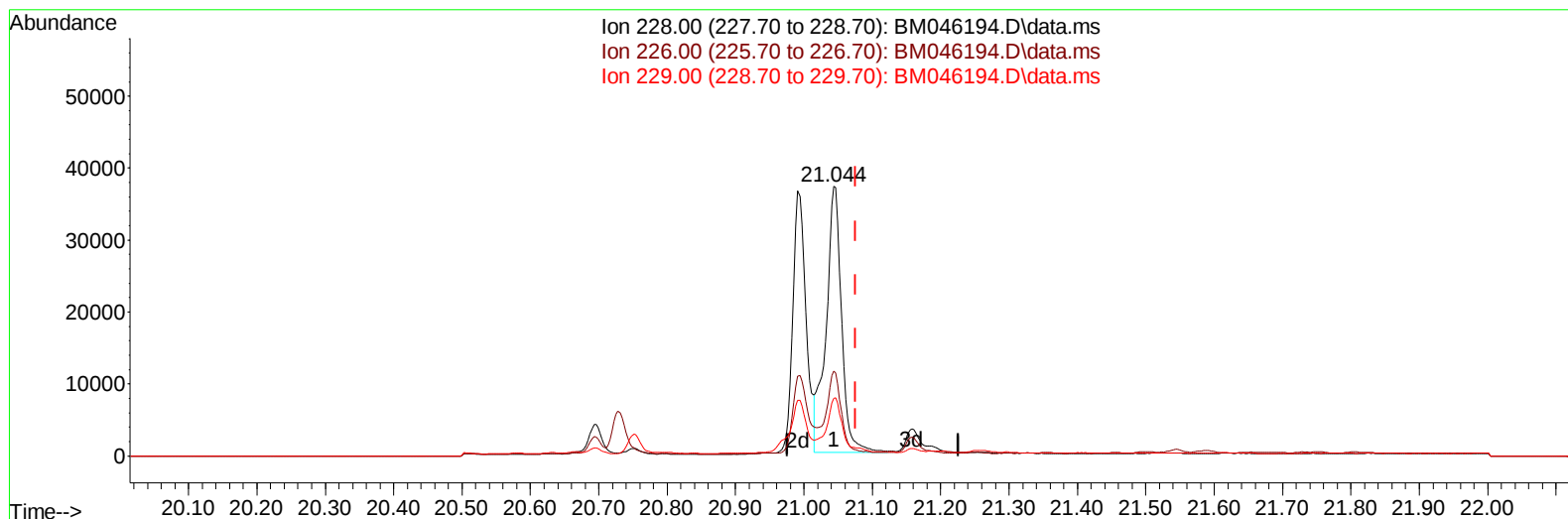
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046194.D
 Acq On : 22 Jun 2024 12:48
 Operator : MA/JU
 Sample : P2775-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(22) Chrysene

21.044min (-0.032) 1.95 ng/ul m

response 59415

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	31.57
229.00	20.40	21.36
0.00	0.00	0.00

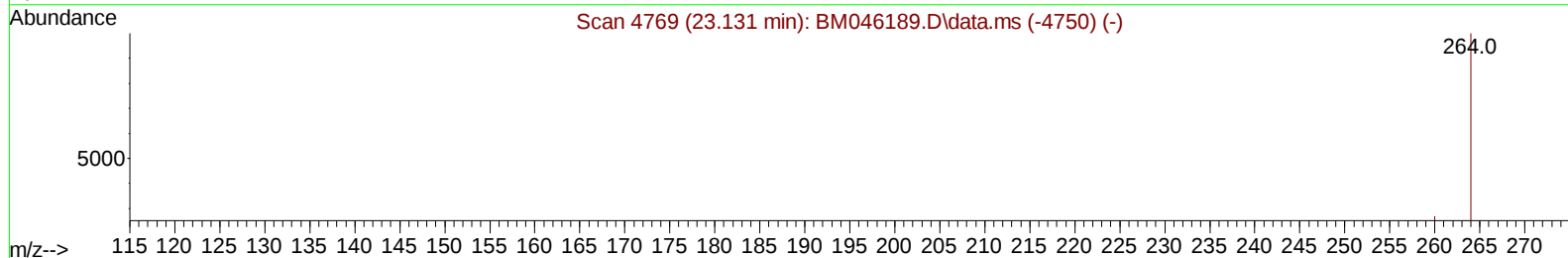
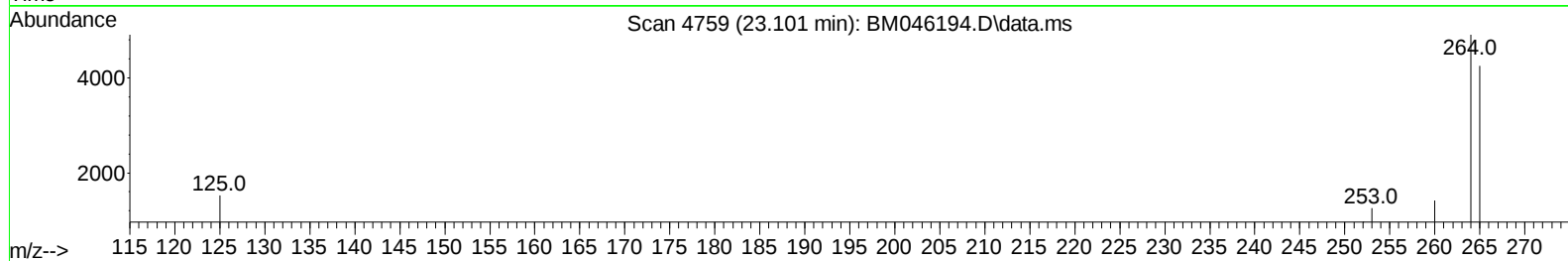
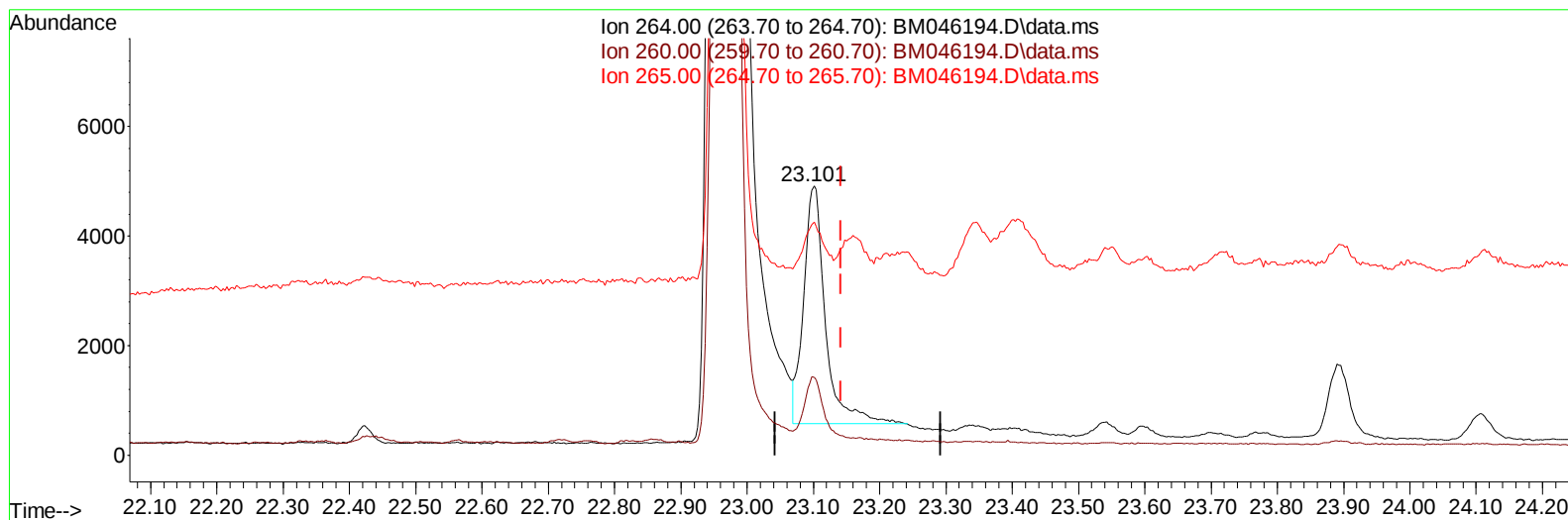
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046194.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/u1

response 9840

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.80
265.00	110.60	86.55#
0.00	0.00	0.00

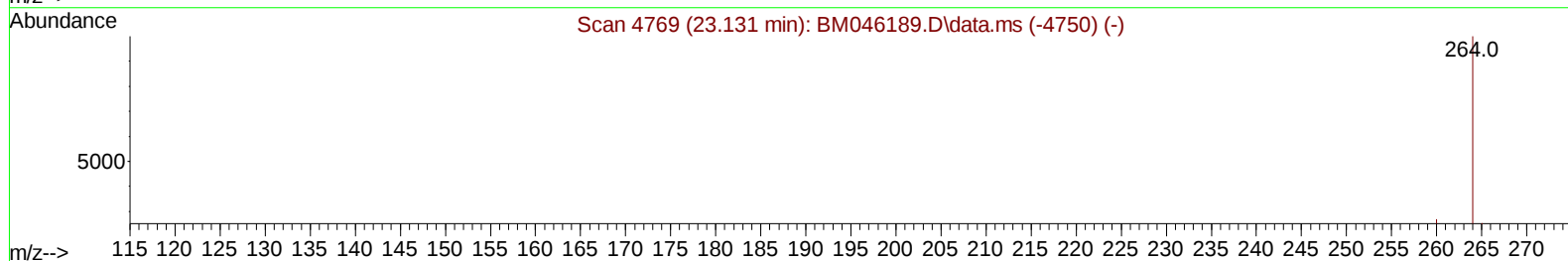
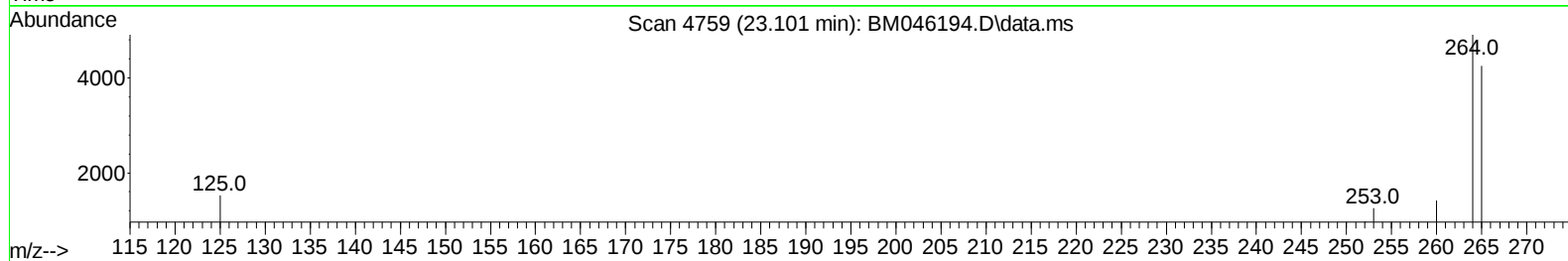
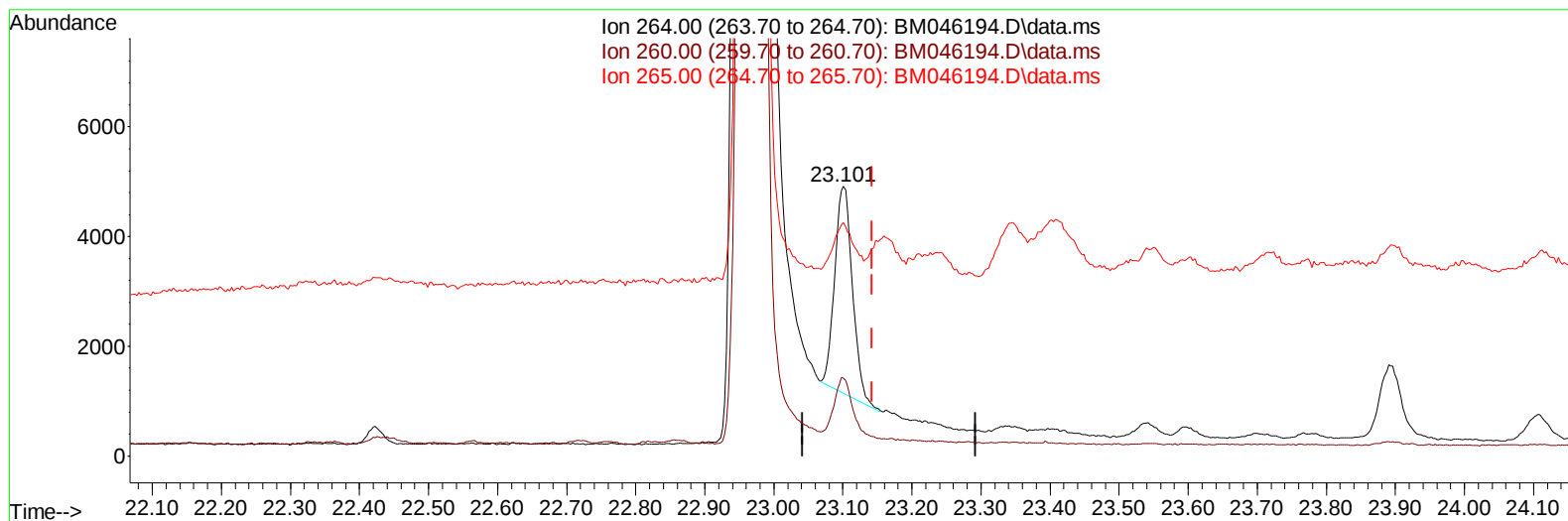
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
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Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

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TIC: BM046194.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/u1 m

response 6682

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.80
265.00	110.60	86.55#
0.00	0.00	0.00

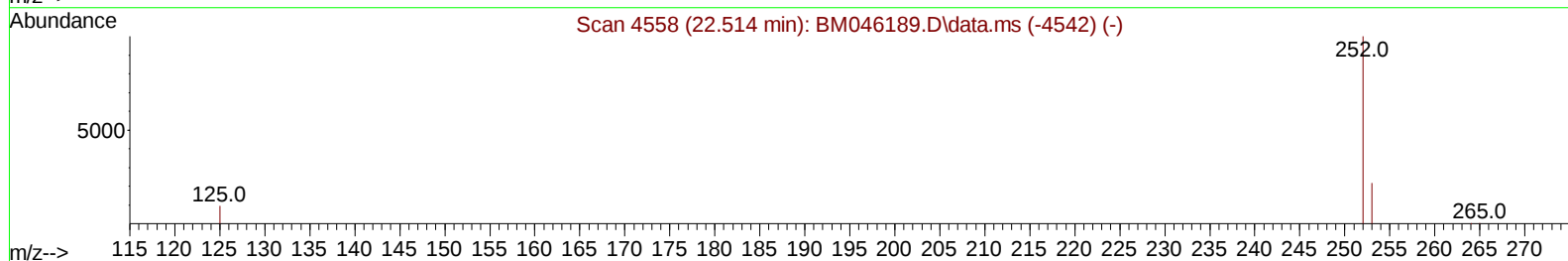
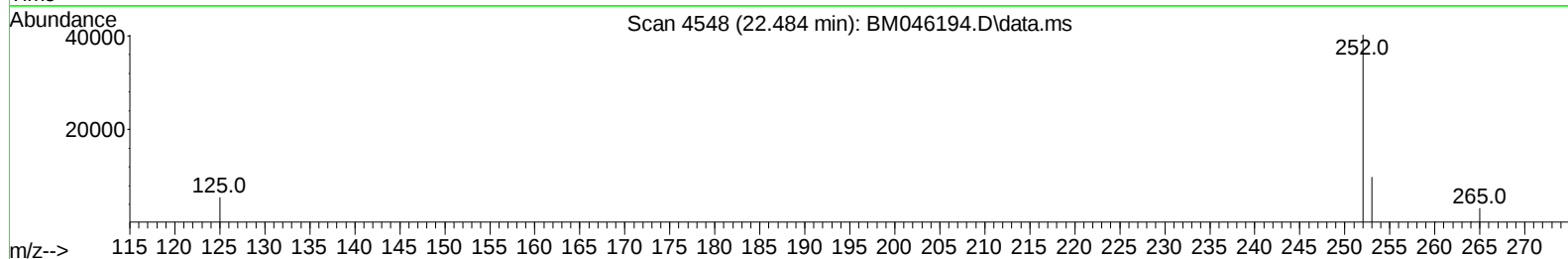
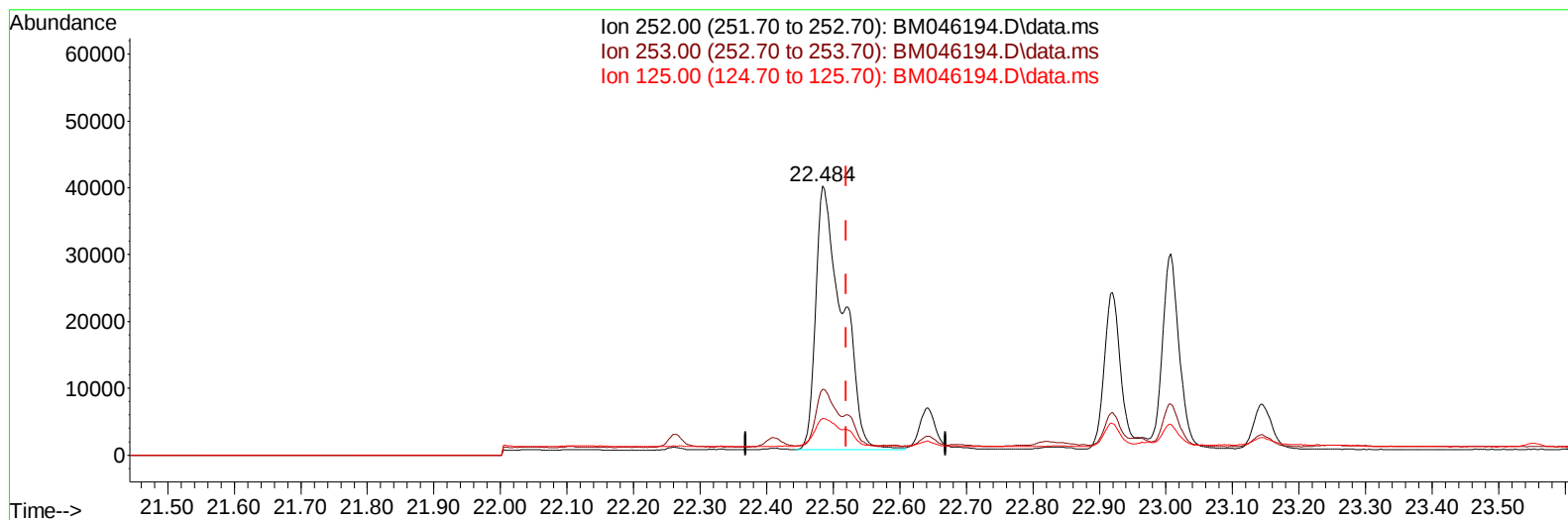
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

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TIC: BM046194.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.035) 4.58 ng/u1

response 110271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.51
125.00	20.10	13.61
0.00	0.00	0.00

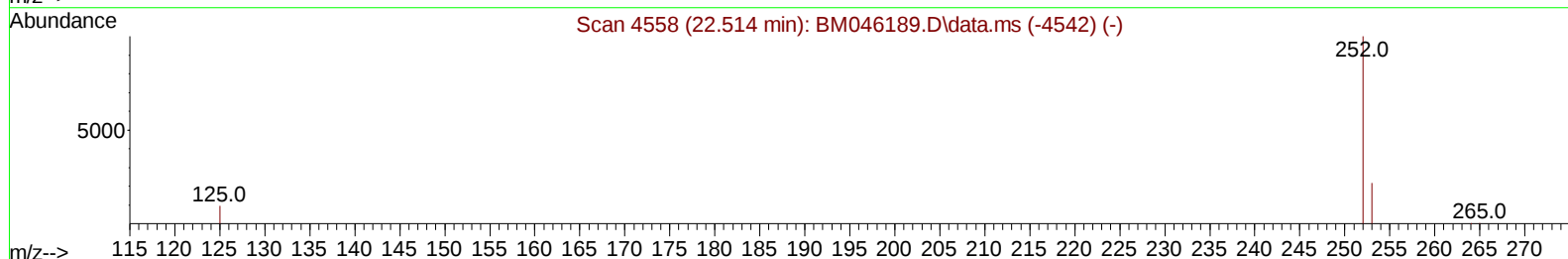
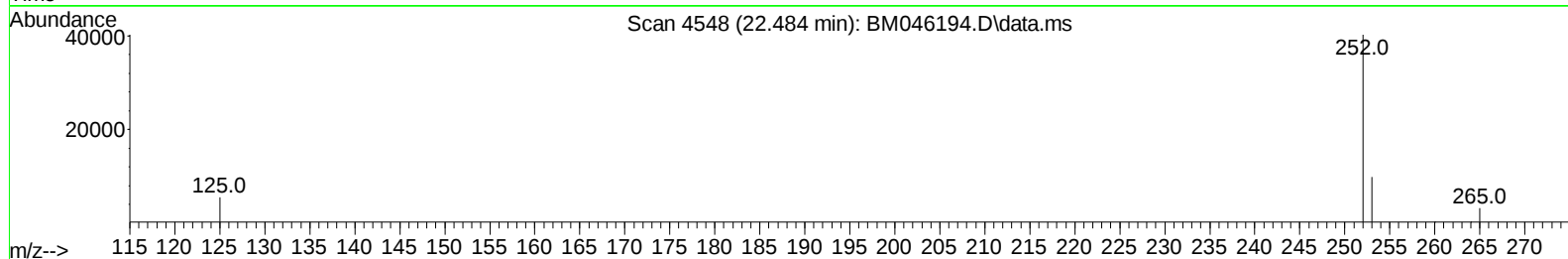
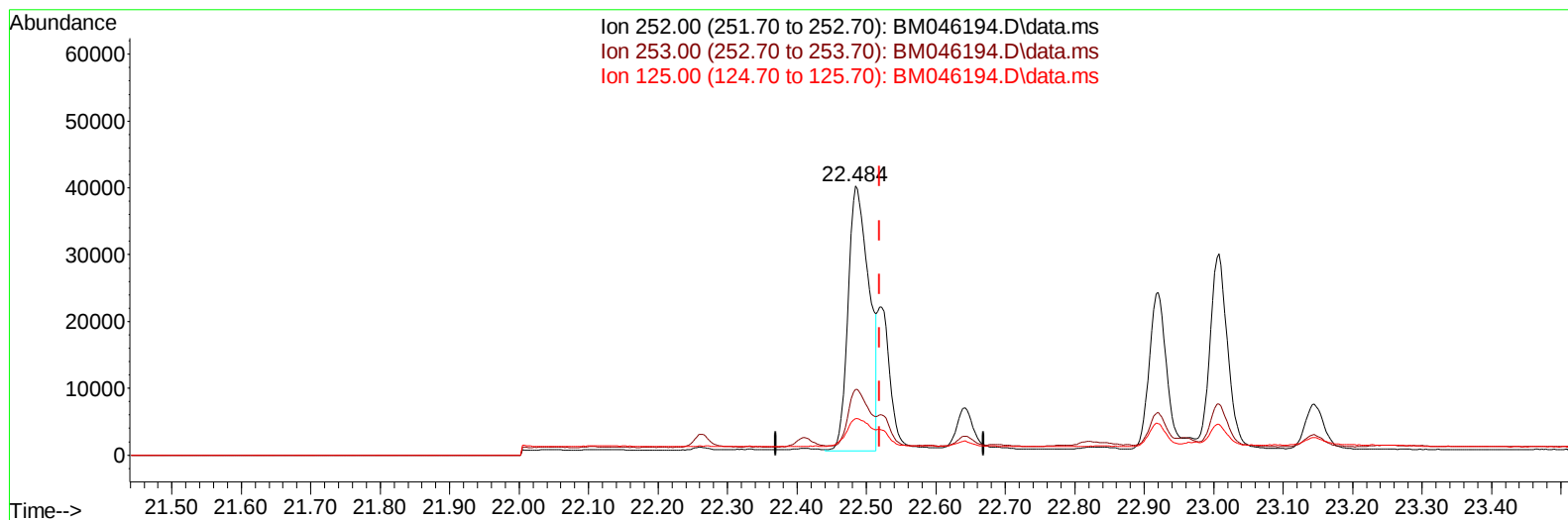
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

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



TIC: BM046194.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.035) 3.46 ng/u1 m

response 83227

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.51
125.00	20.10	13.61
0.00	0.00	0.00

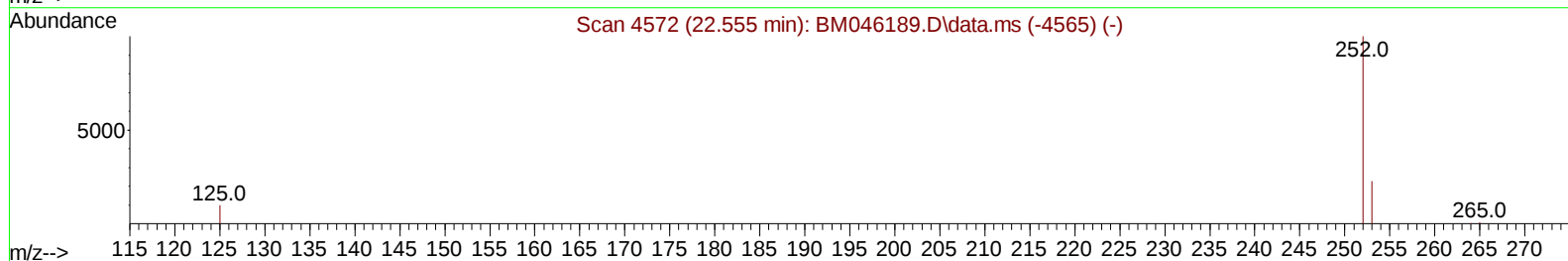
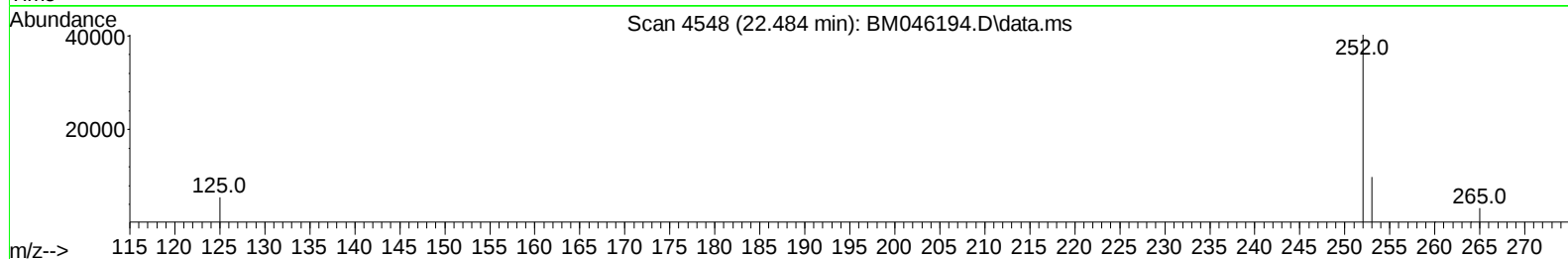
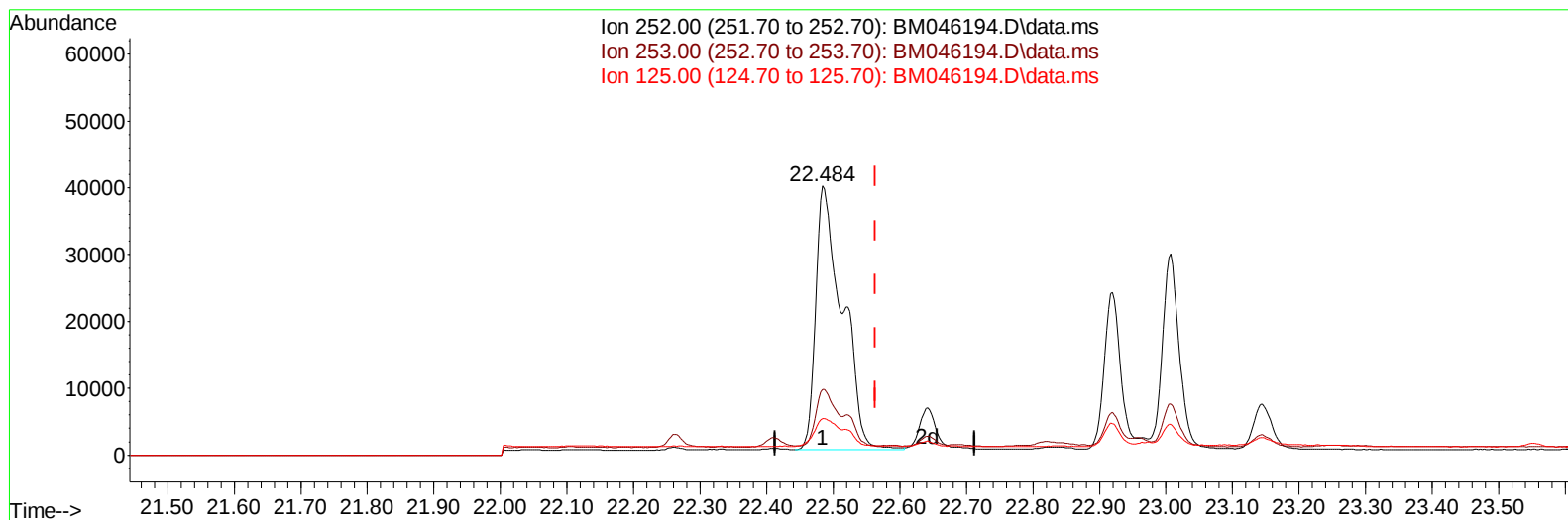
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

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TIC: BM046194.D\data.ms

(25) Benzo(k)fluoranthene

22.484min (-0.079) 3.85 ng/u1

response 110271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.51#
125.00	20.80	13.61#
0.00	0.00	0.00

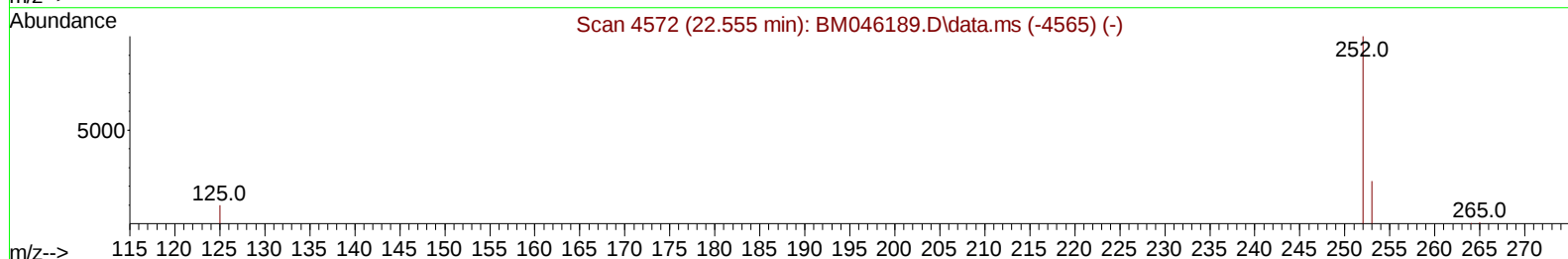
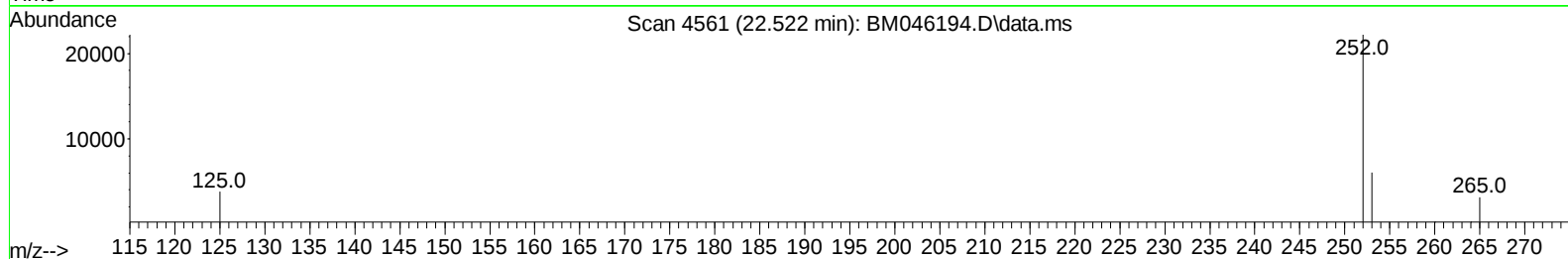
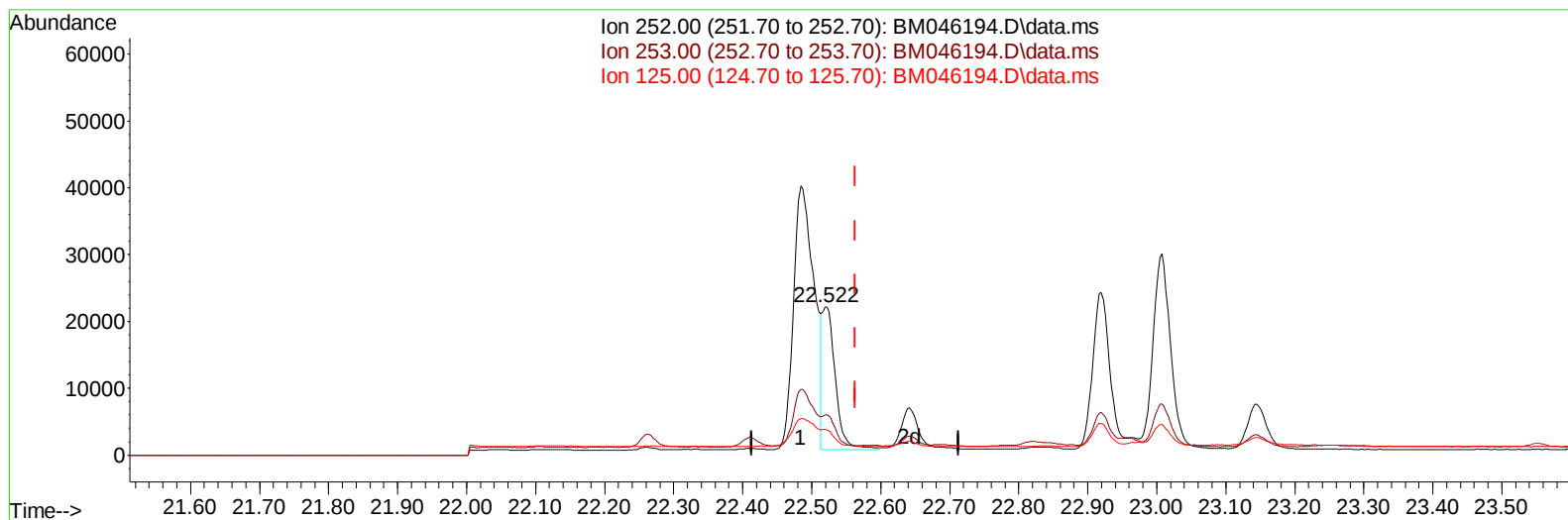
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046194.D
Acq On : 22 Jun 2024 12:48
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C96

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:30:51 2024
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TIC: BM046194.D\data.ms

(25) Benzo(k)fluoranthene

22.522min (-0.041) 0.97 ng/u1 m

response 27870

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	27.27
125.00	20.80	17.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046194.D
 Acq On : 22 Jun 2024 12:48
 Operator : MA/JU
 Sample : P2775-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C96

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.413	152		2168	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136		6412	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.063	164		3573	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188		7688m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.009	240		6190m	0.400	ng/ul	-0.04
23) Perylene-d12	23.101	264		6682m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		13372	4.496	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.805	152		2834	0.329	ng/ul	-0.06
18) Fluoranthene-d10	18.840	212		6206	0.335	ng/ul	-0.05
Target Compounds							
						Qvalue	
5) Naphthalene	10.233	128		1682	0.094	ng/ul#	88
7) 2-Methylnaphthalene	11.882	142		520	0.052	ng/ul	97
8) 1-Methylnaphthalene	12.097	142		456	0.041	ng/ul	97
10) Acenaphthylene	13.776	152		6595	0.389	ng/ul	97
11) Acenaphthene	14.123	153		1849	0.151	ng/ul	98
12) Fluorene	15.117	166		2447	0.186	ng/ul	98
15) Phenanthrene	16.846	178		62011m	2.871	ng/ul	
16) Anthracene	16.939	178		10650m	0.662	ng/ul	
19) Fluoranthene	18.872	202		129869	4.846	ng/ul	96
20) Pyrene	19.230	202		107248	3.700	ng/ul	98
21) Benzo(a)anthracene	20.991	228		50312	2.104	ng/ul	99
22) Chrysene	21.044	228		59415m	1.947	ng/ul	
24) Benzo(b)fluoranthene	22.484	252		83227m	3.457	ng/ul	
25) Benzo(k)fluoranthene	22.522	252		27870m	0.974	ng/ul	
26) Benzo(a)pyrene	23.007	252		51388	2.304	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.145	276		43408	1.189	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.148	278		9355	0.344	ng/ul#	89
29) Benzo(g,h,i)perylene	25.765	276		43208	1.380	ng/ul	97

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

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