

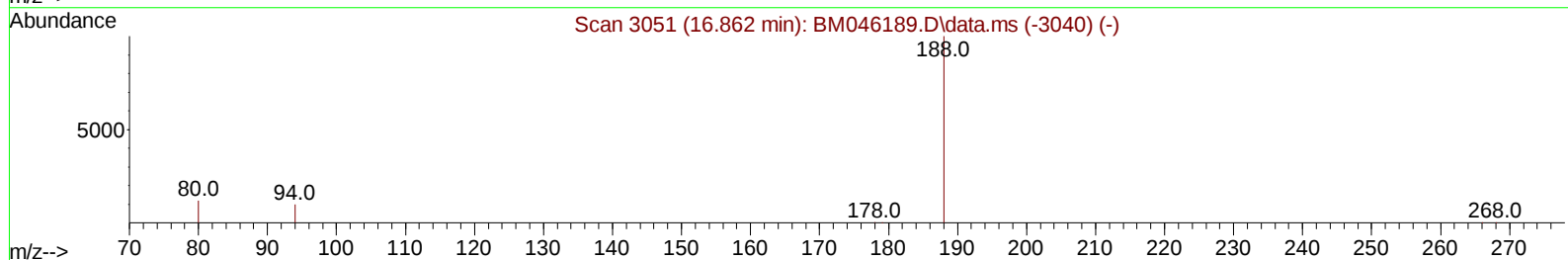
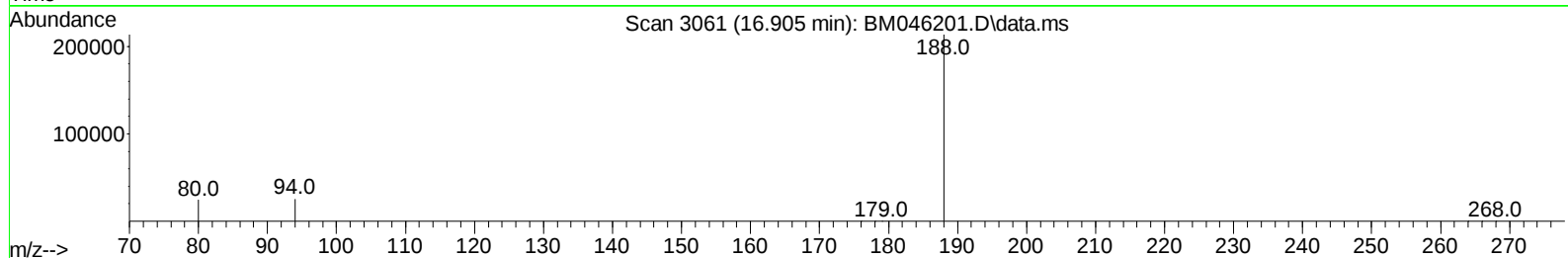
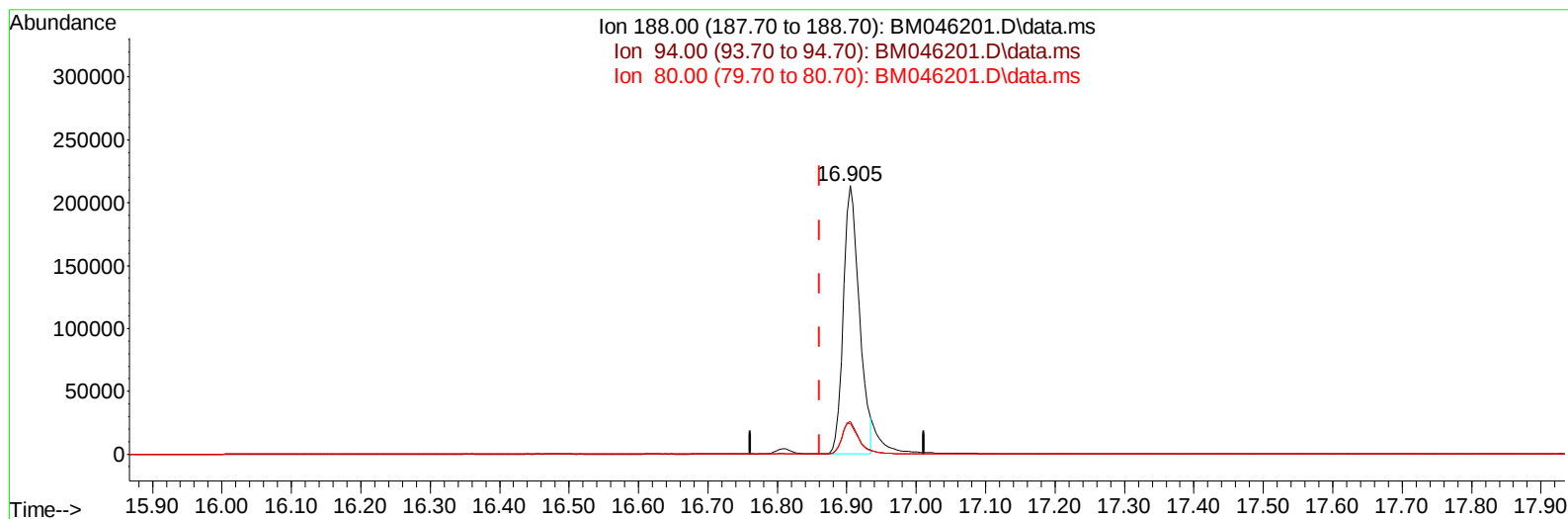
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:43 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: BM046201.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (+ 0.043) 0.40 ng/u1

response 340586

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.05
80.00	15.20	11.41#
0.00	0.00	0.00

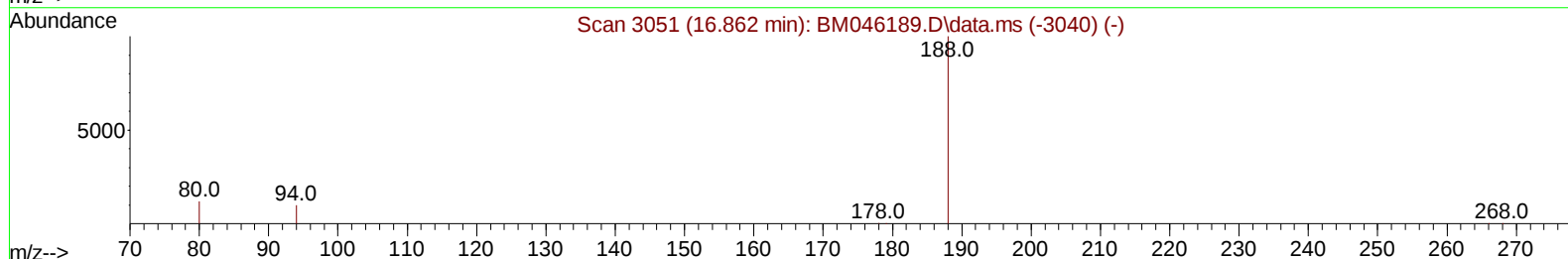
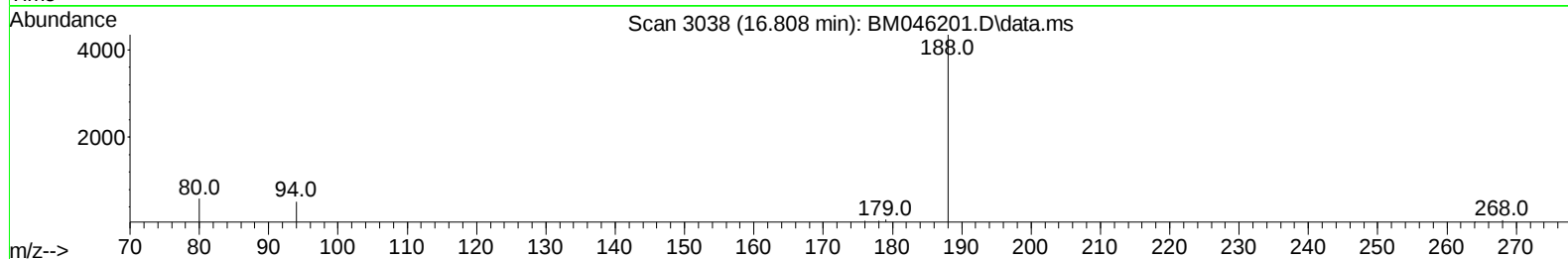
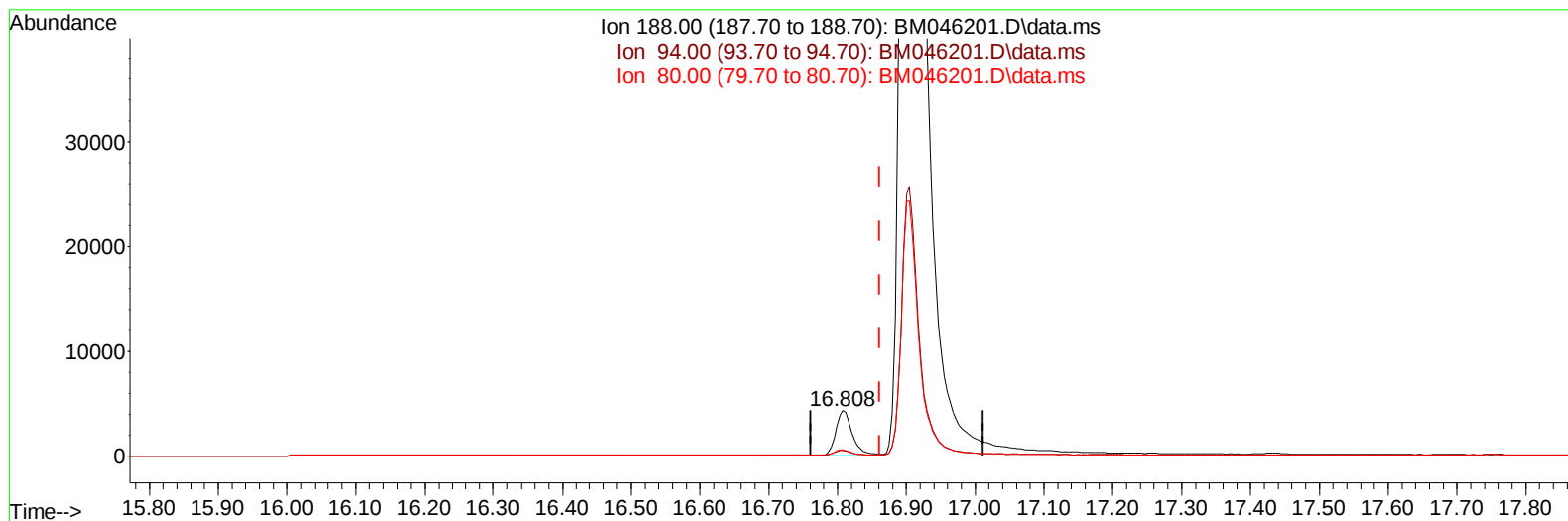
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
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Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM046201.D\data.ms

(13) Phenanthrene-d10 (I)

16.808min (-0.054) 0.40 ng/ul m

response 7186

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.05
80.00	15.20	13.56
0.00	0.00	0.00

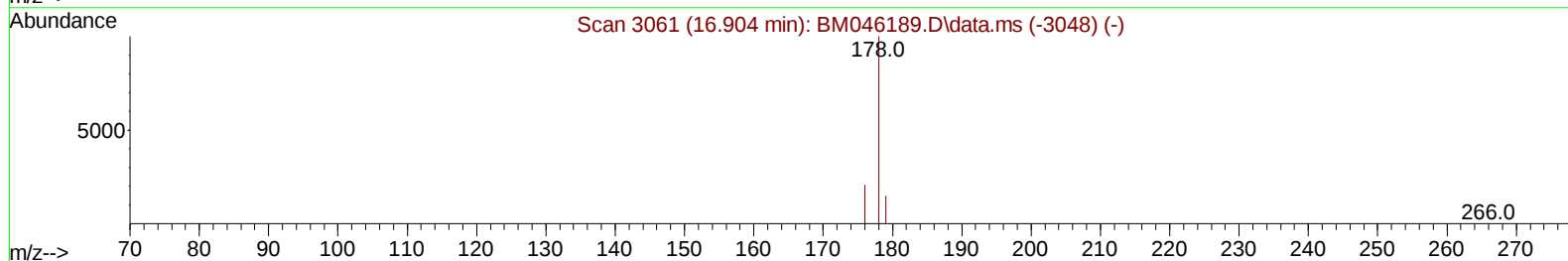
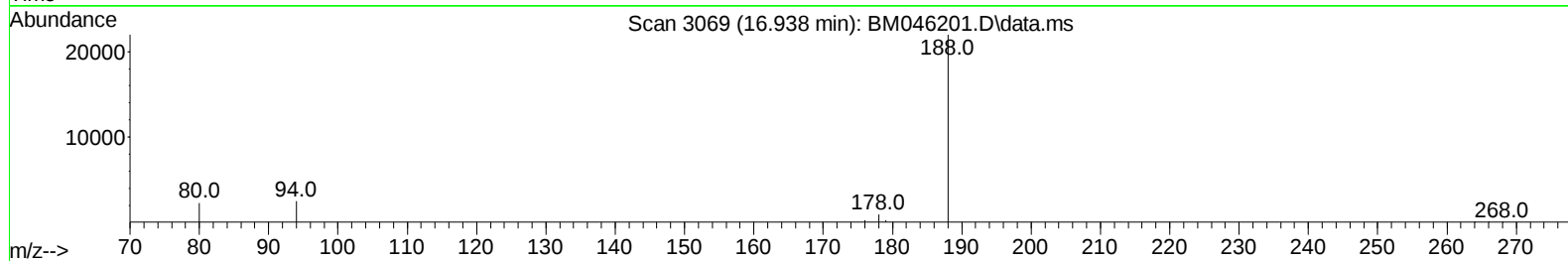
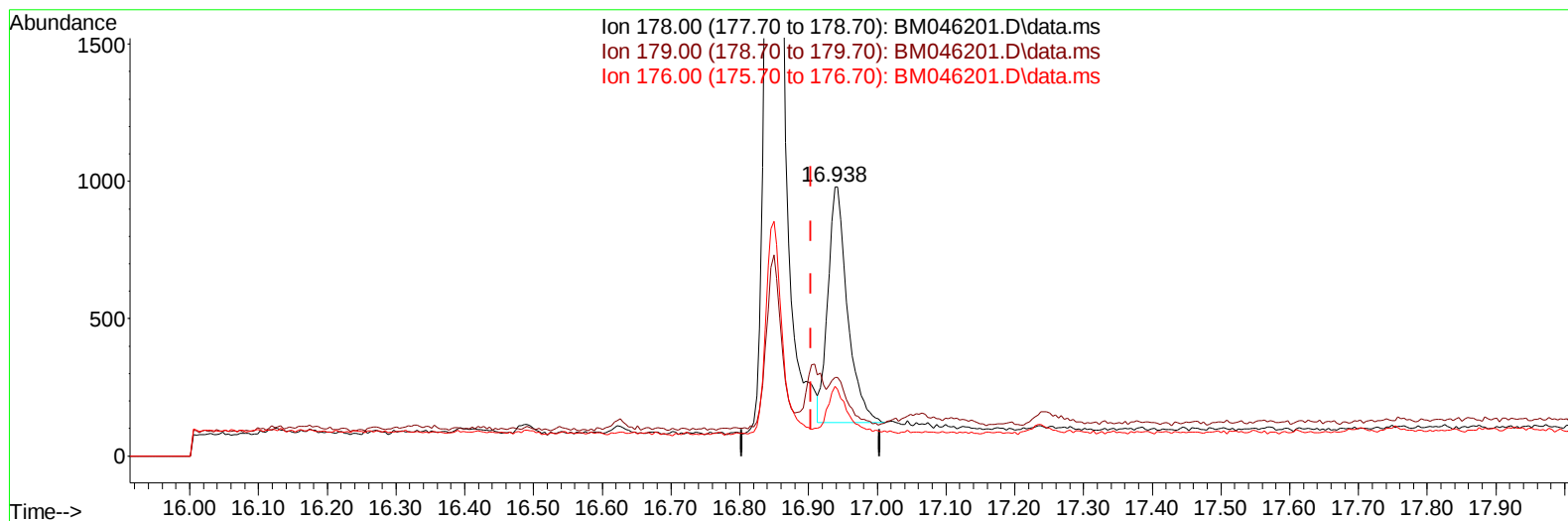
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046201.D\data.ms

(15) Phenanthrene

16.938min (+ 0.035) 0.08 ng/u1

response 1689

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	29.26#
176.00	21.40	25.79#
0.00	0.00	0.00

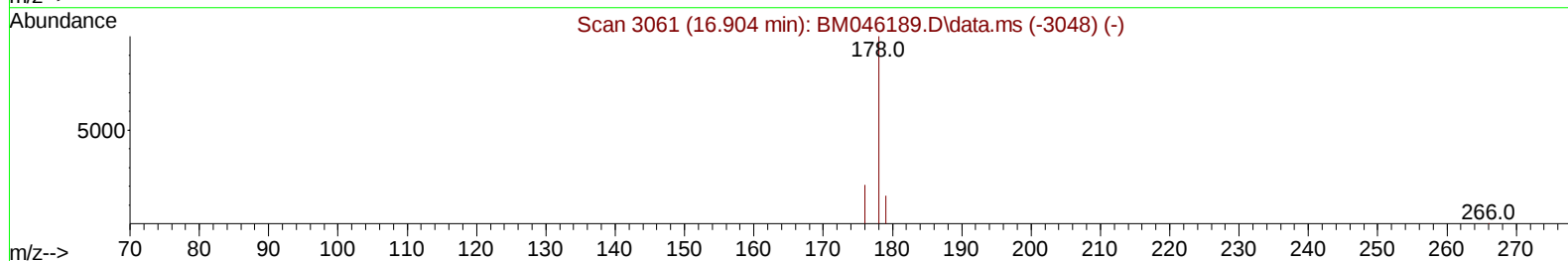
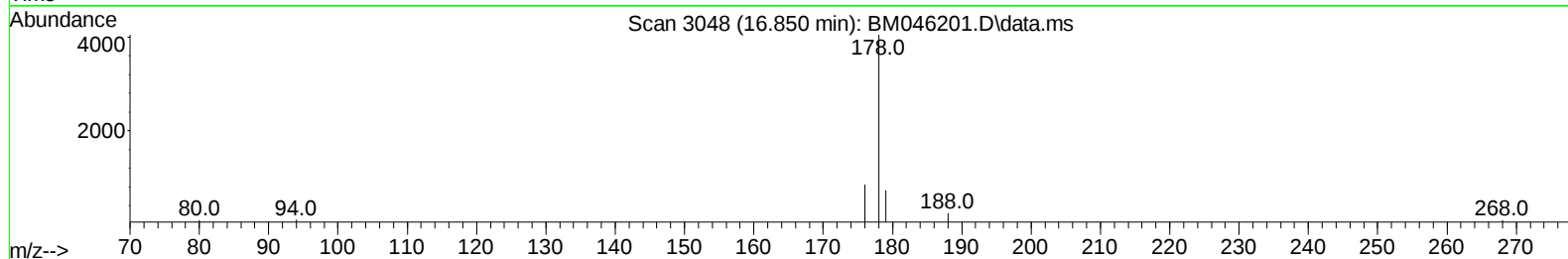
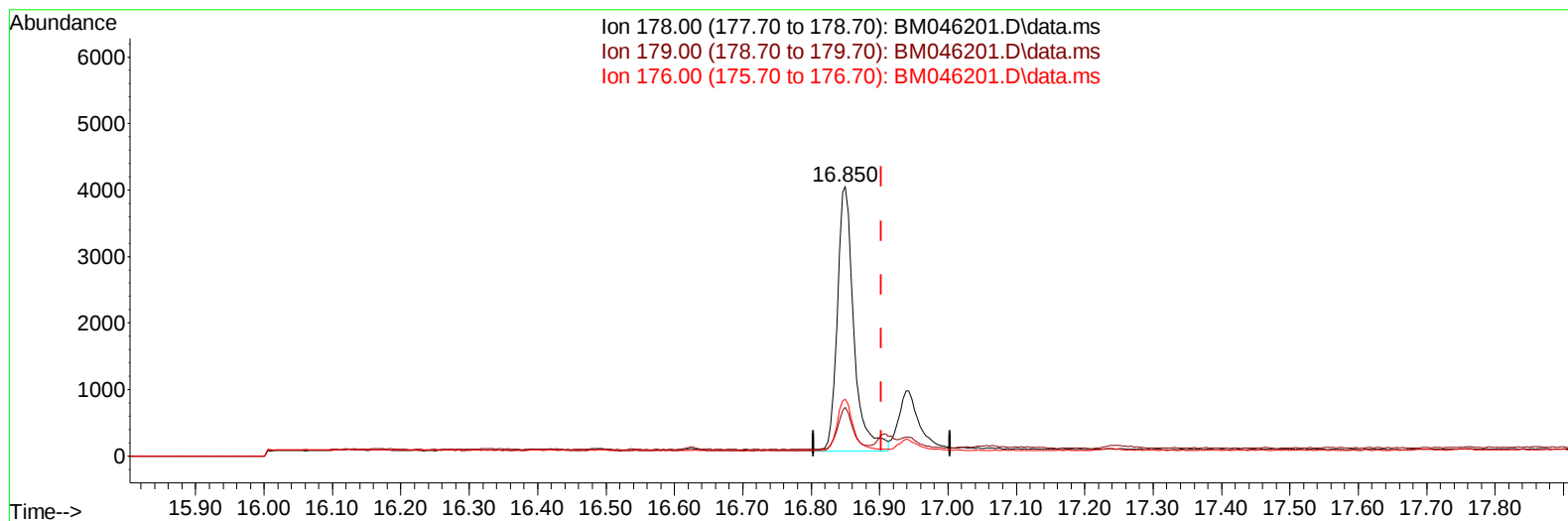
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:43 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
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046201.D\data.ms

(15) Phenanthrene

16.850min (-0.054) 0.33 ng/u1 m

response 6749

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	18.06
176.00	21.40	21.12
0.00	0.00	0.00

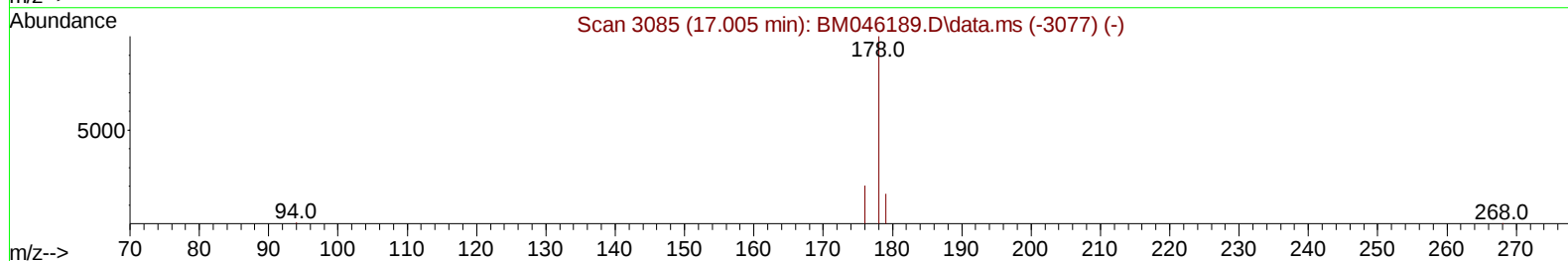
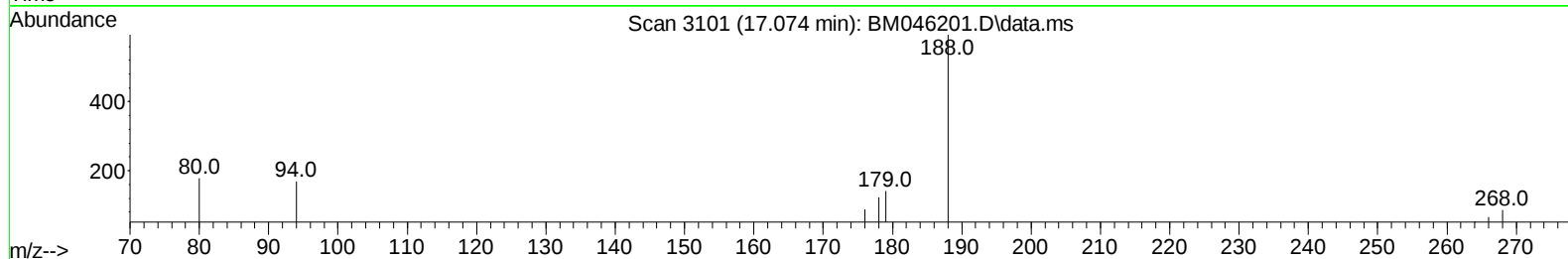
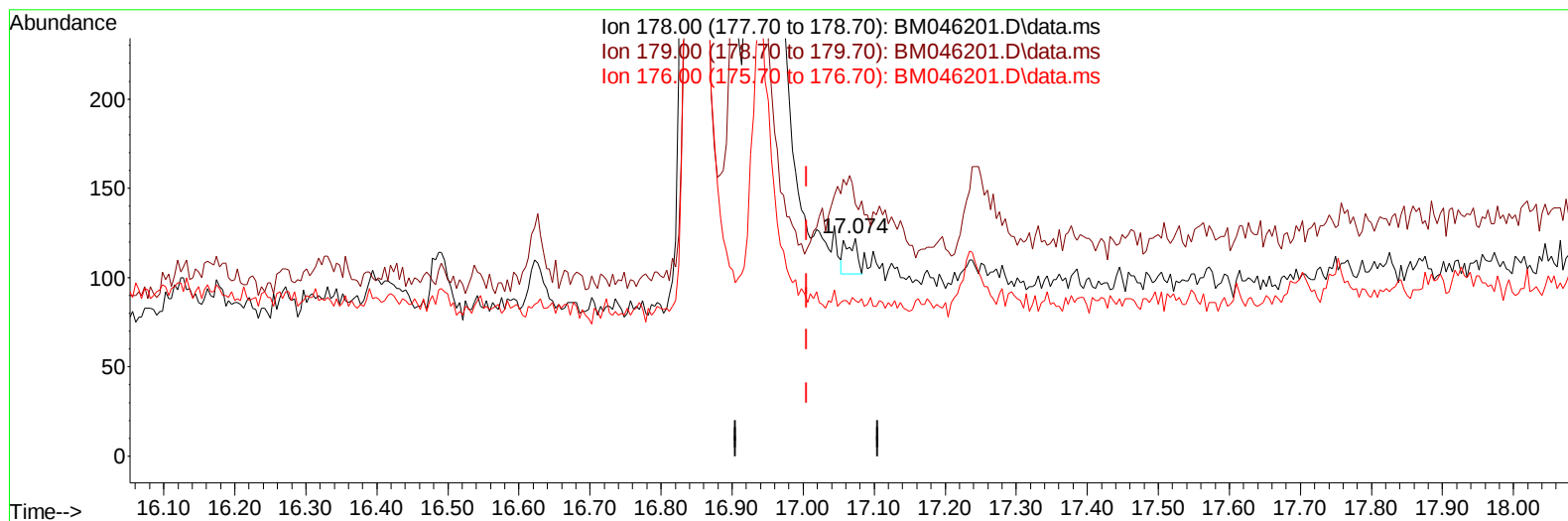
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

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TIC: BM046201.D\data.ms

(16) Anthracene

17.074min (+ 0.069) 0.00 ng/u1

response 23

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	115.57#
176.00	21.20	71.31#
0.00	0.00	0.00

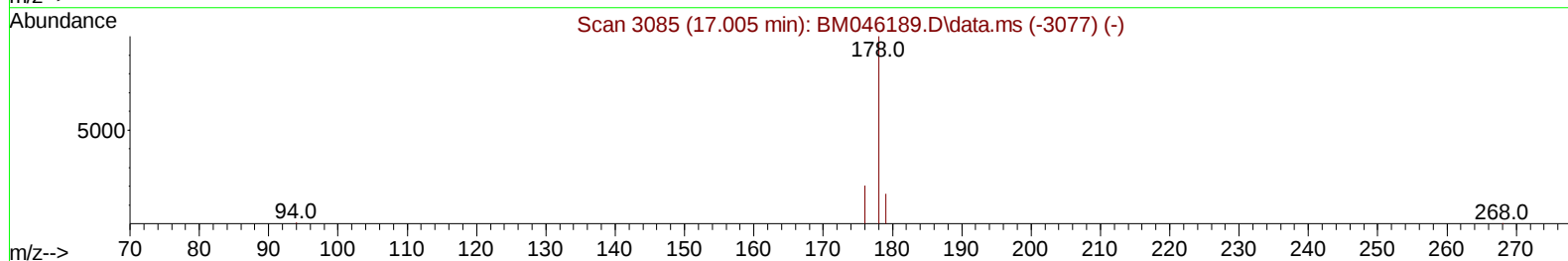
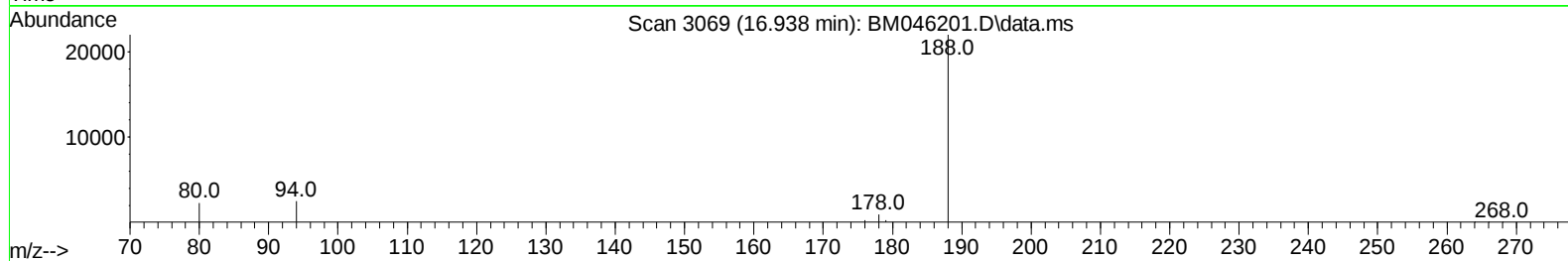
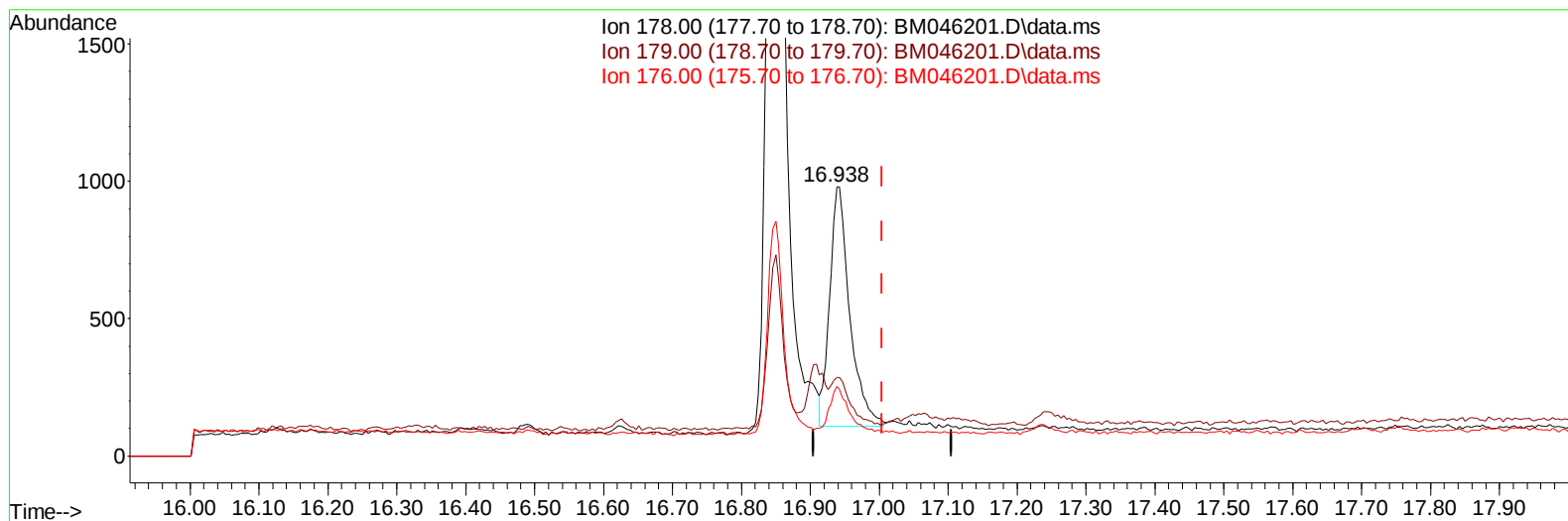
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:43 2024
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Response via : Initial Calibration

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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046201.D\data.ms

(16) Anthracene

16.938min (-0.066) 0.12 ng/u1 m

response 1762

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	29.26#
176.00	21.20	25.79#
0.00	0.00	0.00

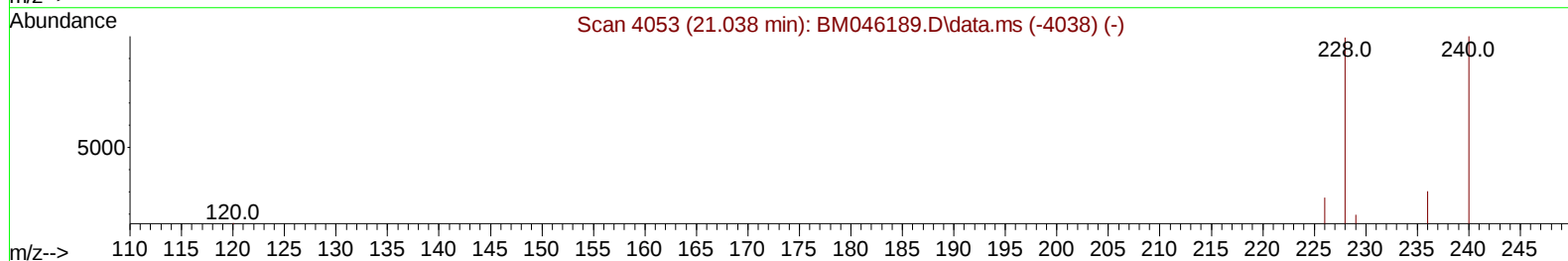
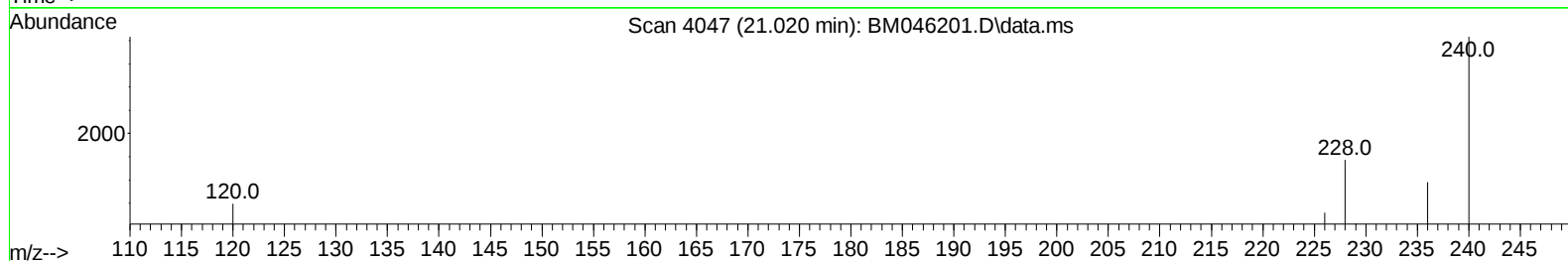
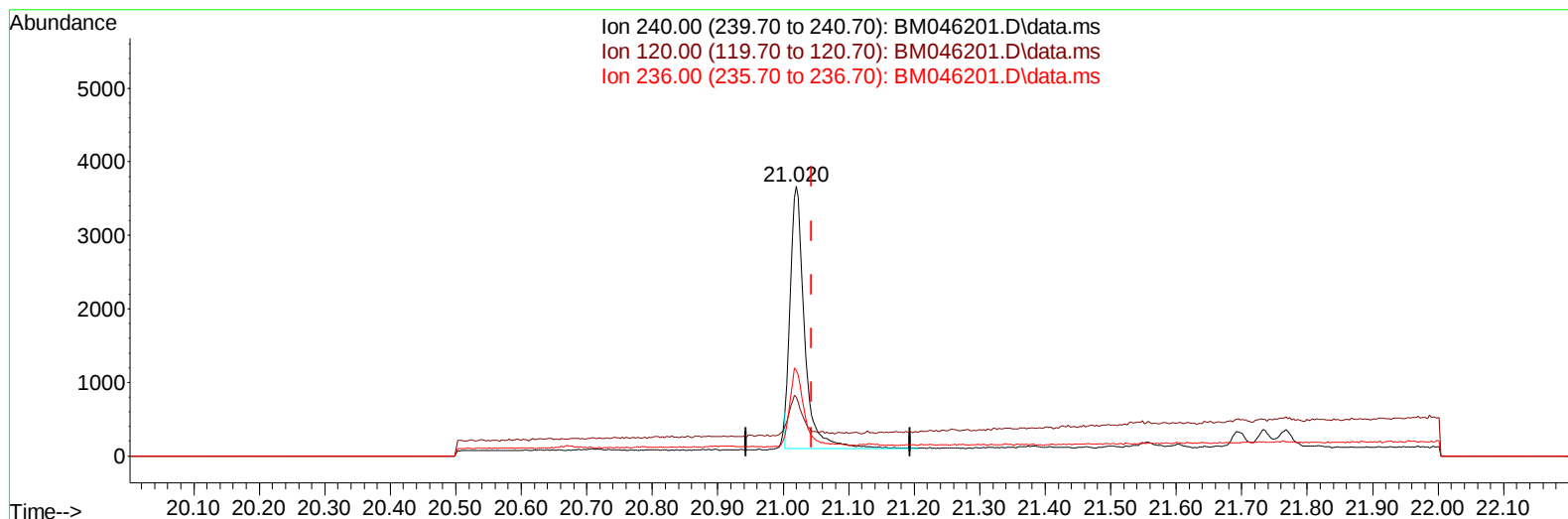
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

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TIC: BM046201.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/u1

response 5486

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.75
236.00	33.60	31.77
0.00	0.00	0.00

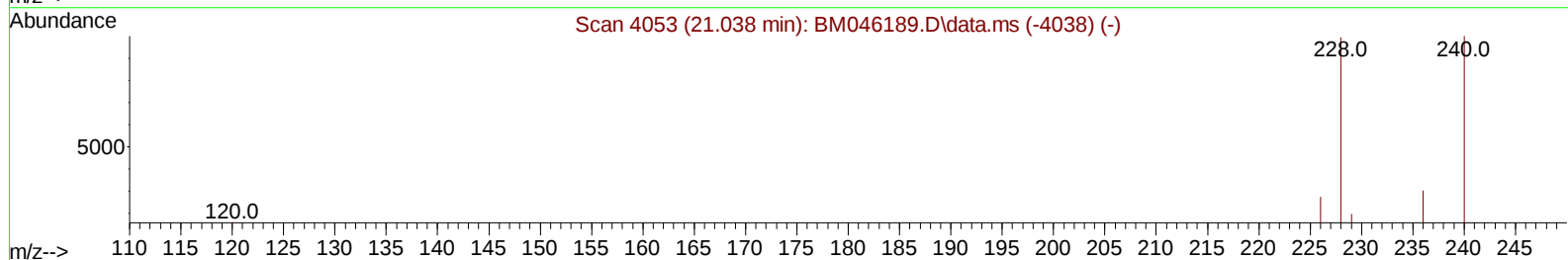
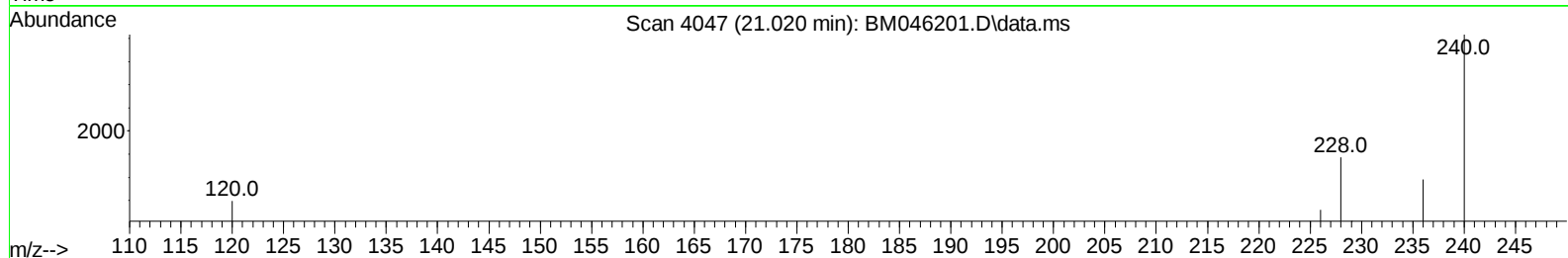
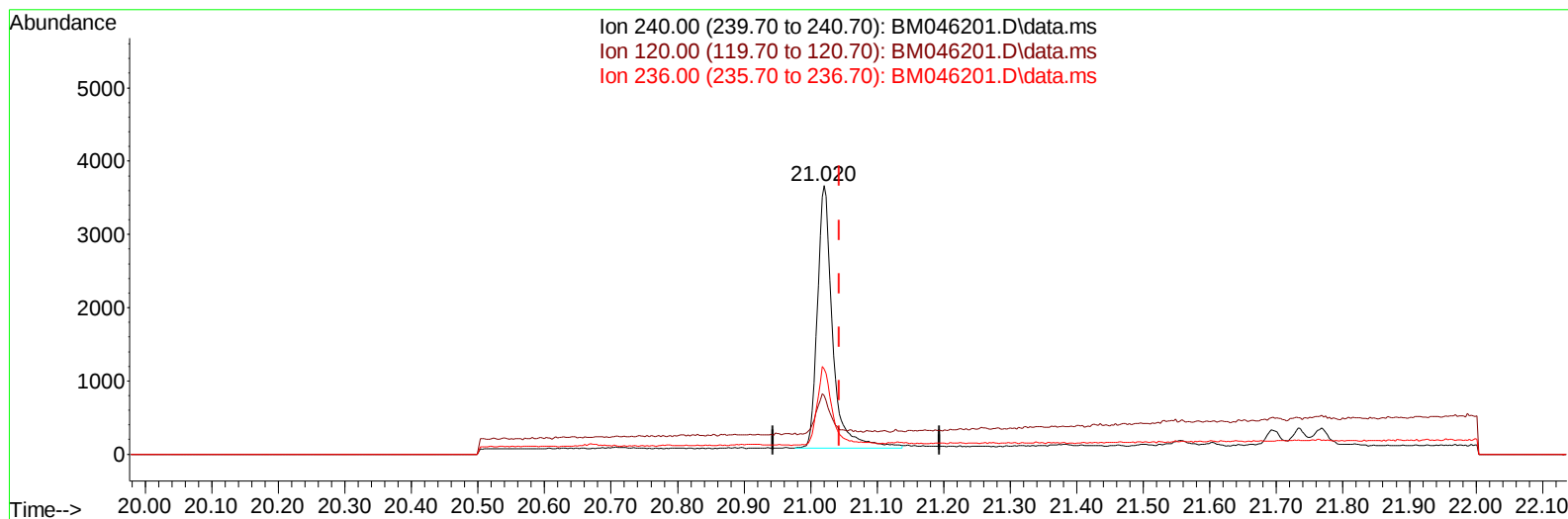
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:43 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: BM046201.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/u1 m

response 5758

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.75
236.00	33.60	31.77
0.00	0.00	0.00

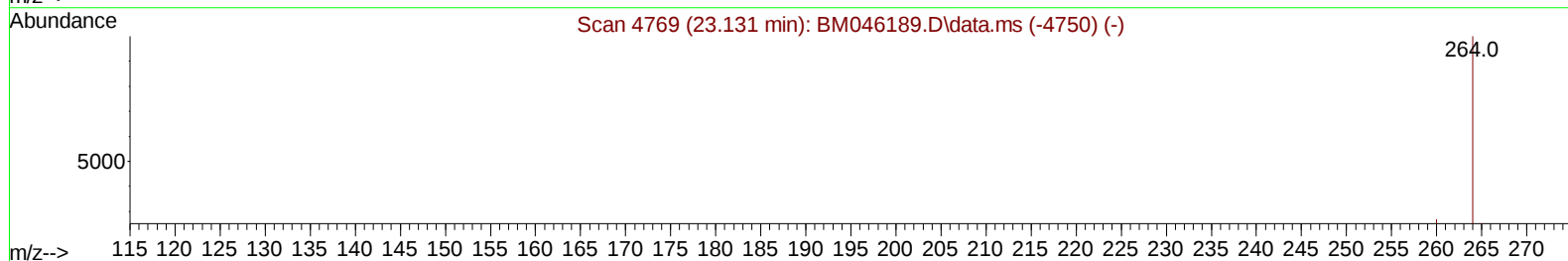
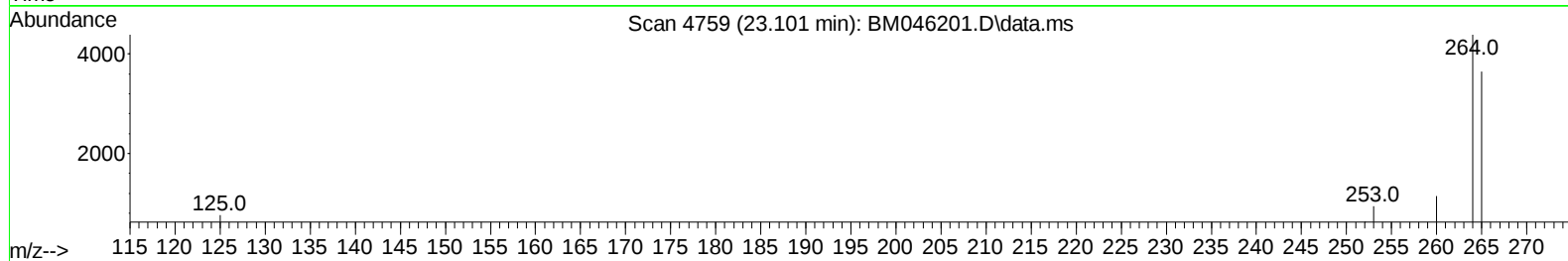
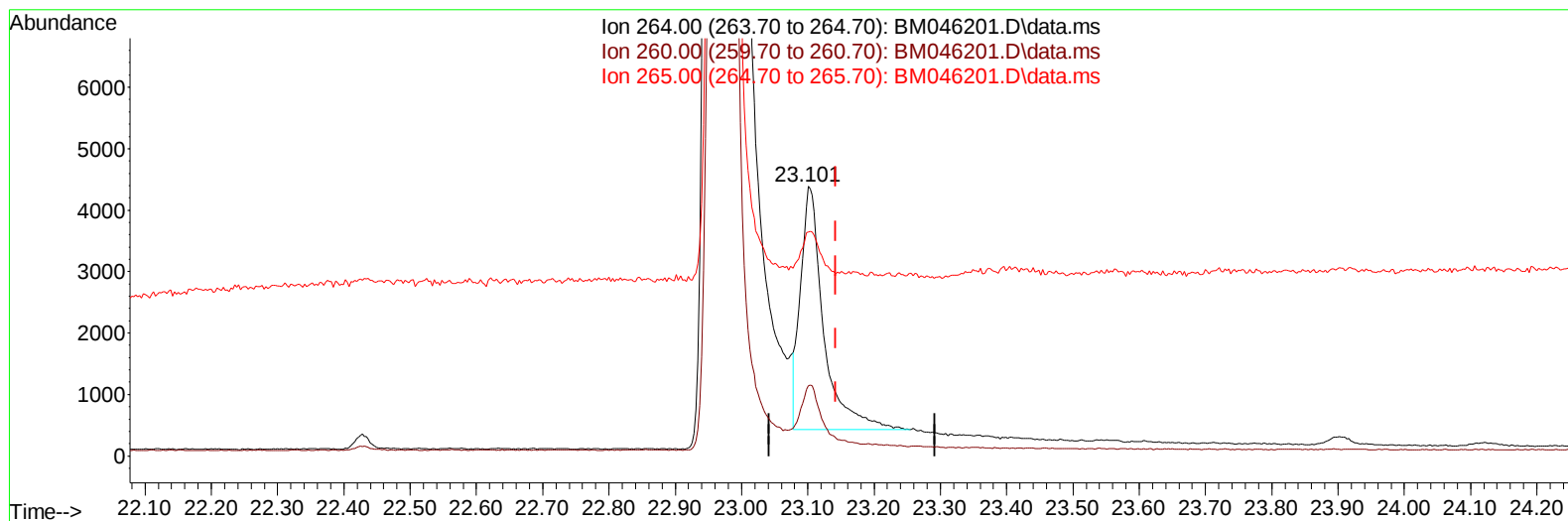
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

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TIC: BM046201.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/u1

response 9685

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.16
265.00	110.60	83.01#
0.00	0.00	0.00

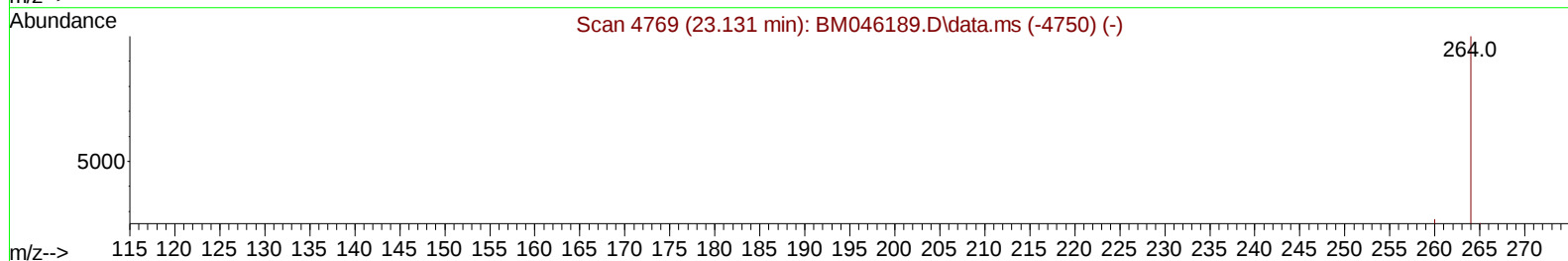
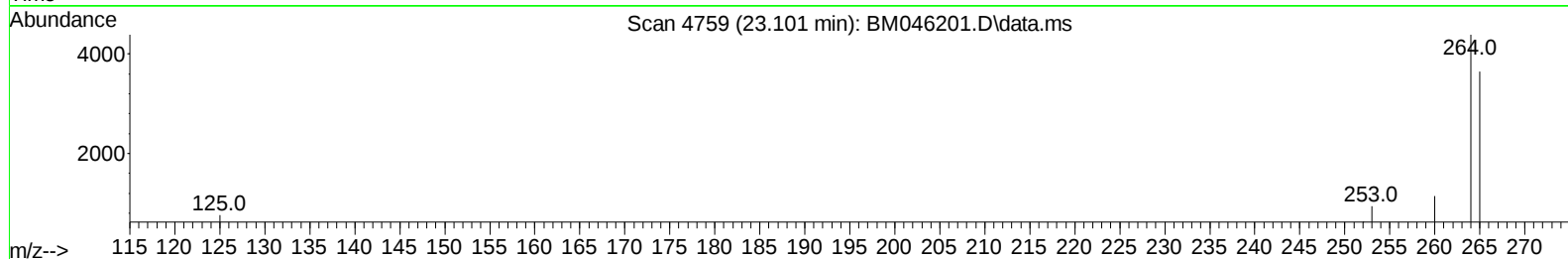
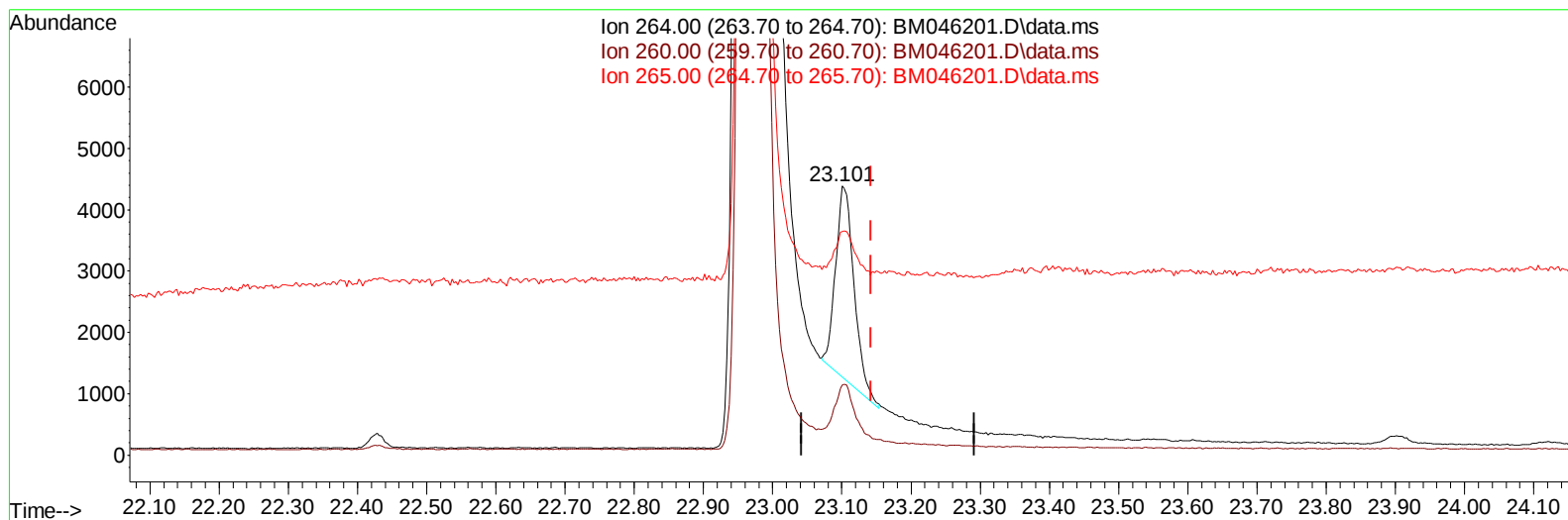
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:43 2024
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TIC: BM046201.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/ul m

response 5769

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.16
265.00	110.60	83.01#
0.00	0.00	0.00

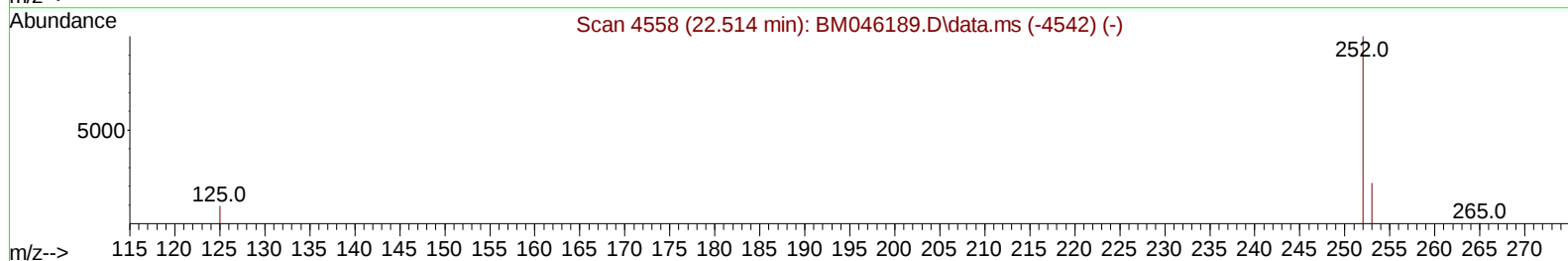
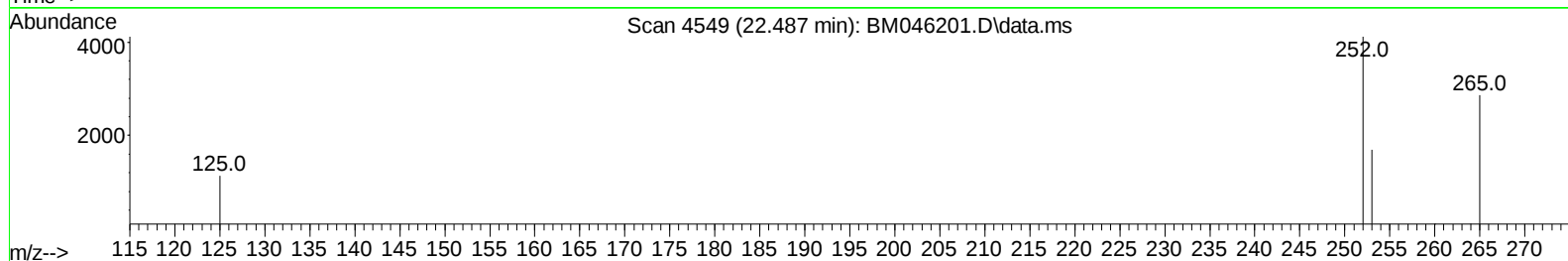
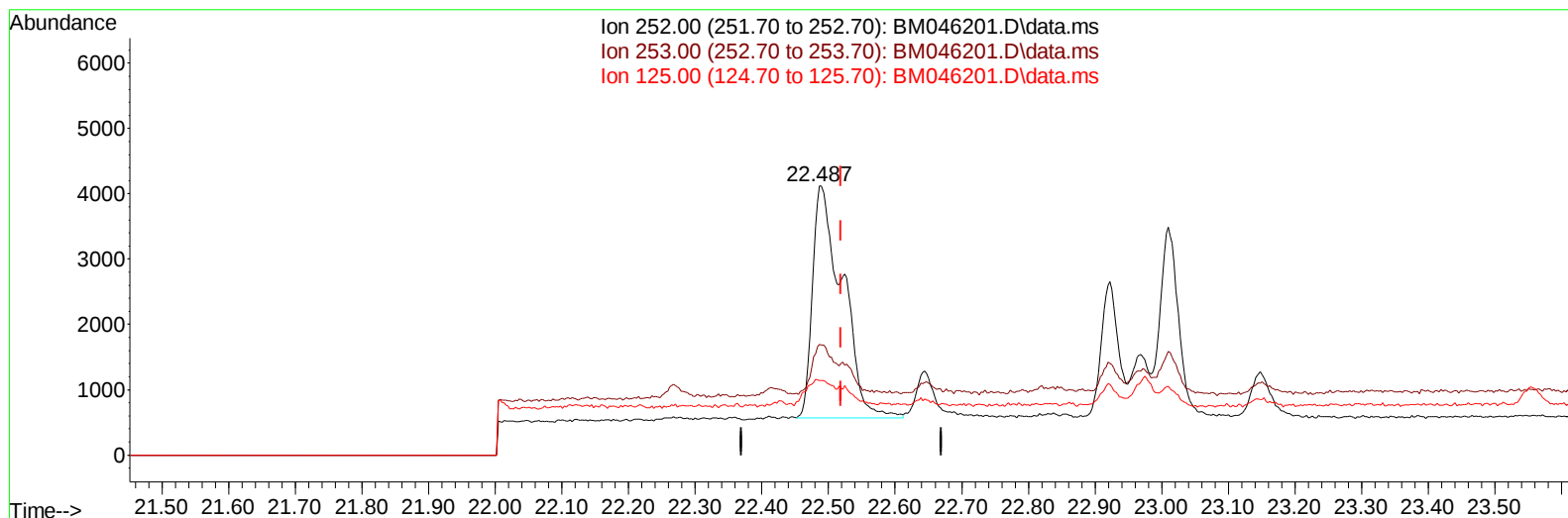
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046201.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.033) 0.53 ng/u1

response 11015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	41.10
125.00	20.10	27.62
0.00	0.00	0.00

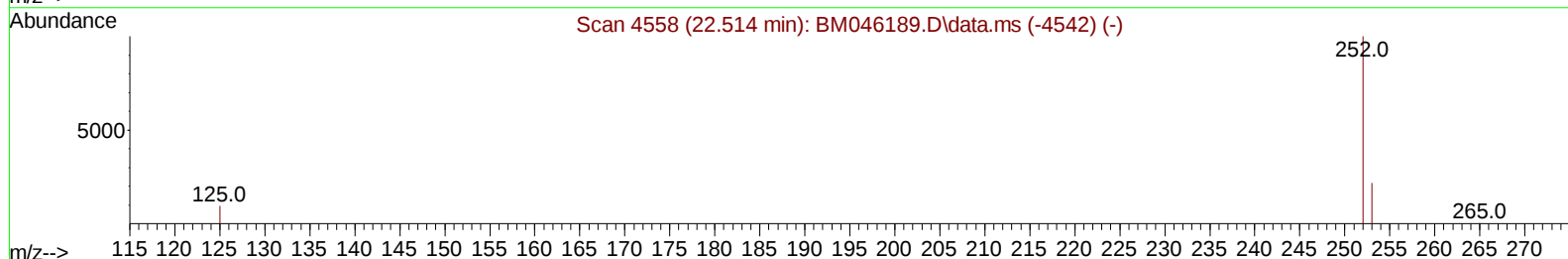
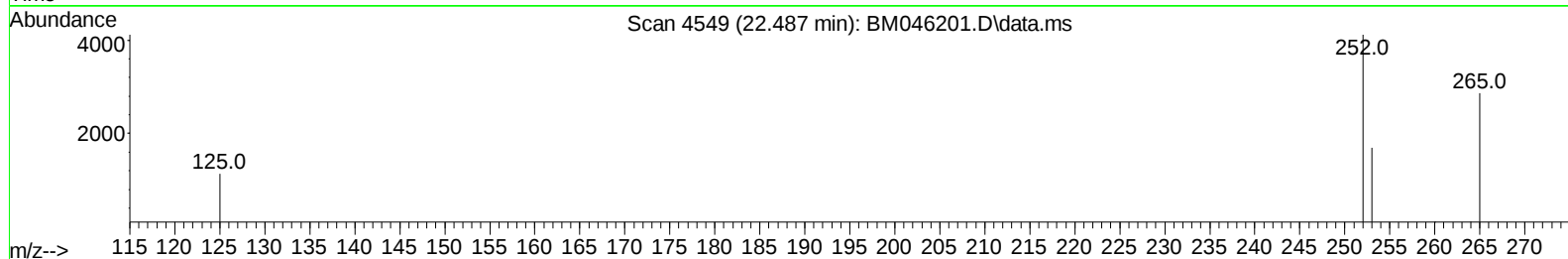
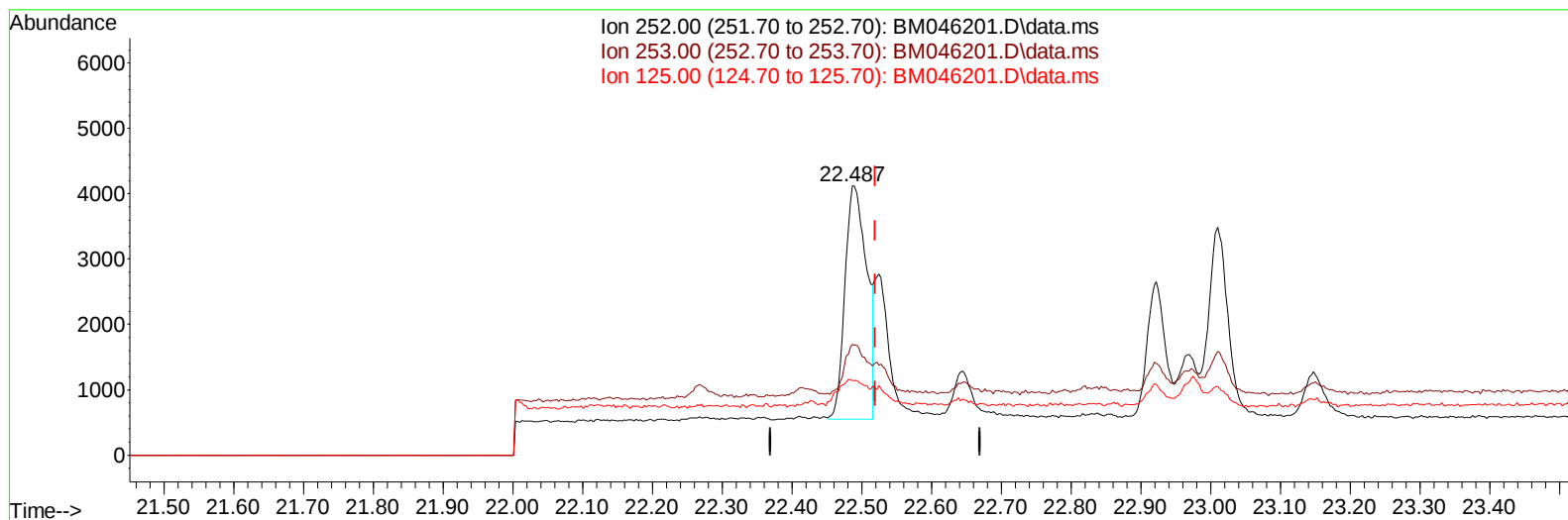
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
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Operator : MA/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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TIC: BM046201.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.033) 0.37 ng/u1 m

response 7794

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	41.10
125.00	20.10	27.62
0.00	0.00	0.00

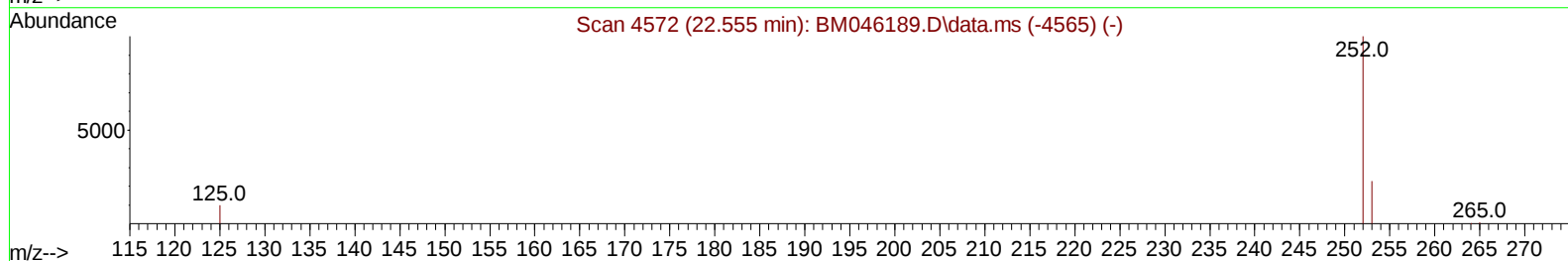
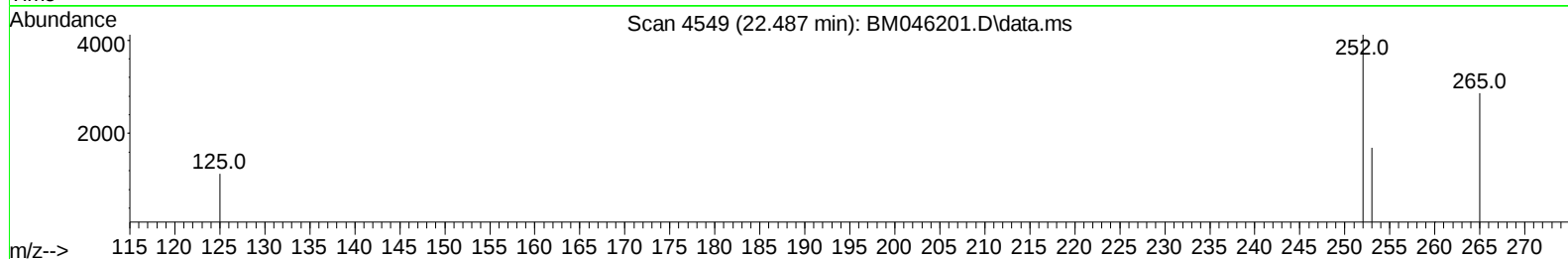
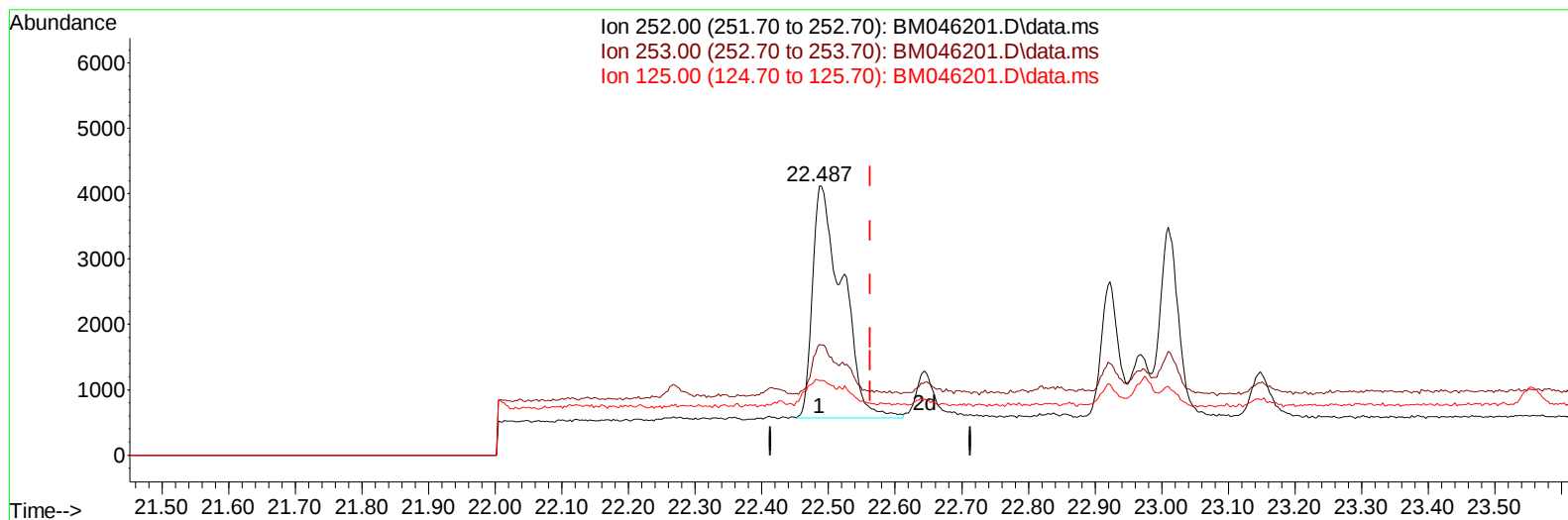
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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



TIC: BM046201.D\data.ms

(25) Benzo(k)fluoranthene

22.487min (-0.077) 0.45 ng/u1

response 11015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	41.10#
125.00	20.80	27.62#
0.00	0.00	0.00

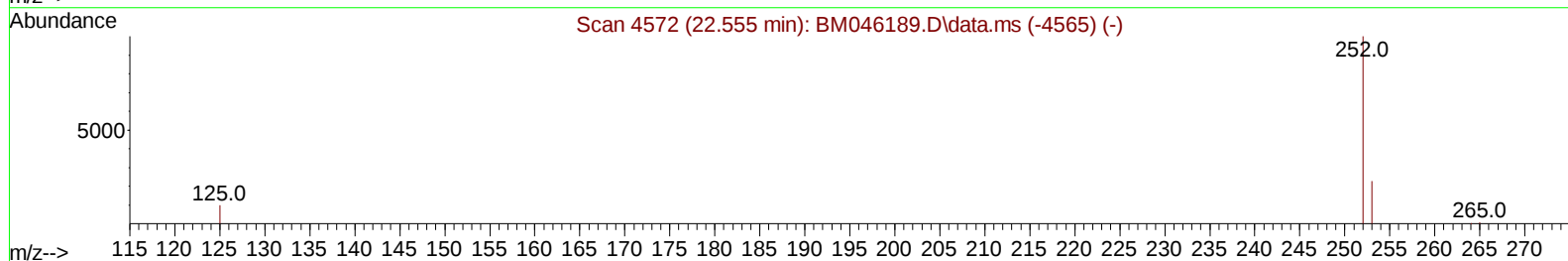
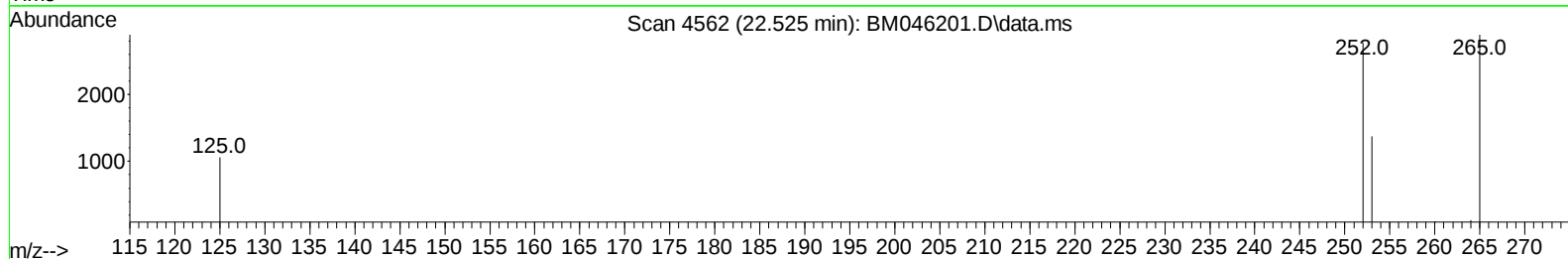
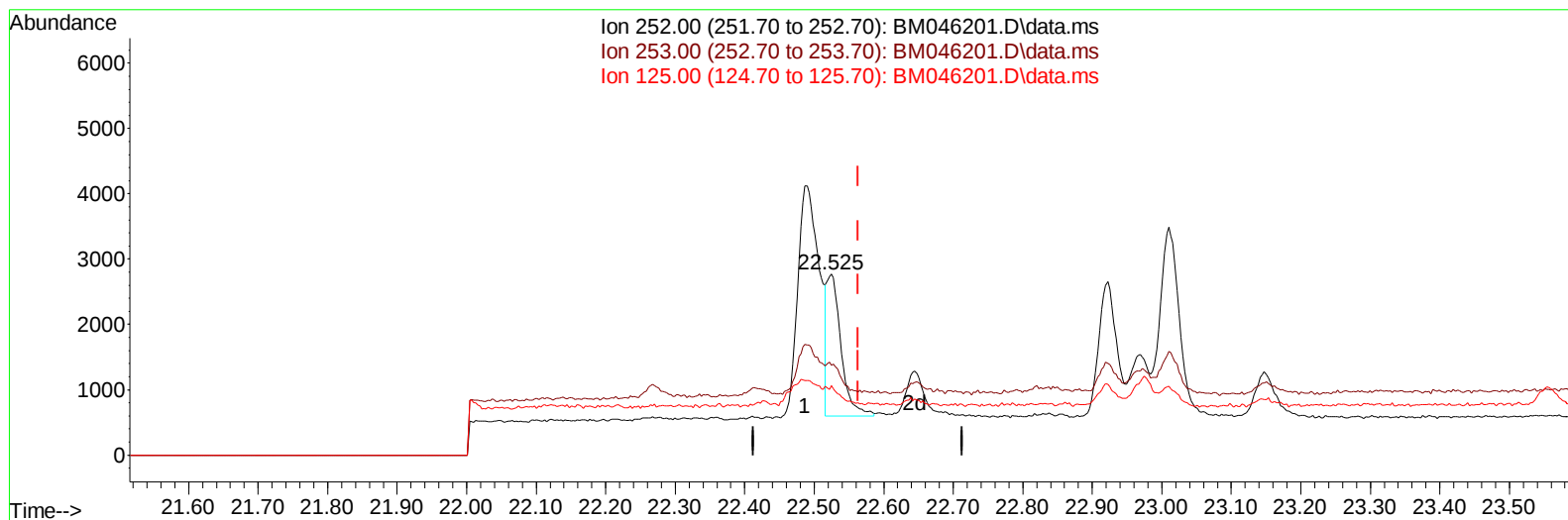
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046201.D
Acq On : 22 Jun 2024 17:05
Operator : MA/JU
Sample : P2775-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C87

Manual IntegrationsAPPROVED

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

Quant Time: Jun 23 01:07:43 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: BM046201.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.039) 0.12 ng/u1 m

response 3039

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	49.73#
125.00	20.80	38.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046201.D
 Acq On : 22 Jun 2024 17:05
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.413	152		1998	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.188	136		6257	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.062	164		3507	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188		7186m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.020	240		5758m	0.400	ng/ul	-0.02
23) Perylene-d12	23.101	264		5769m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		9679	3.531	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152		2069	0.246	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212		4336	0.251	ng/ul	-0.04
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.780	152		829	0.050	ng/ul#	65
12) Fluorene	15.122	166		361	0.028	ng/ul#	89
15) Phenanthrene	16.850	178		6749m	0.334	ng/ul	
16) Anthracene	16.938	178		1762m	0.117	ng/ul	
19) Fluoranthene	18.872	202		13798	0.553	ng/ul	100
20) Pyrene	19.234	202		12740	0.473	ng/ul#	95
21) Benzo(a)anthracene	21.005	228		5931	0.267	ng/ul	93
22) Chrysene	21.055	228		5517	0.194	ng/ul	96
24) Benzo(b)fluoranthene	22.487	252		7794m	0.375	ng/ul	
25) Benzo(k)fluoranthene	22.525	252		3039m	0.123	ng/ul	
26) Benzo(a)pyrene	23.010	252		5594	0.290	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.168	276		4266	0.135	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.168	278		956	0.041	ng/ul#	1
29) Benzo(g,h,i)perylene	25.789	276		4228	0.156	ng/ul#	83

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

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