

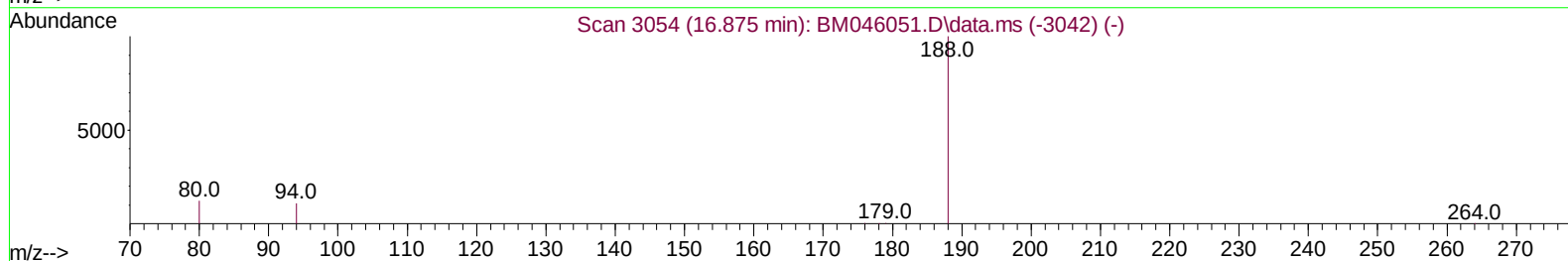
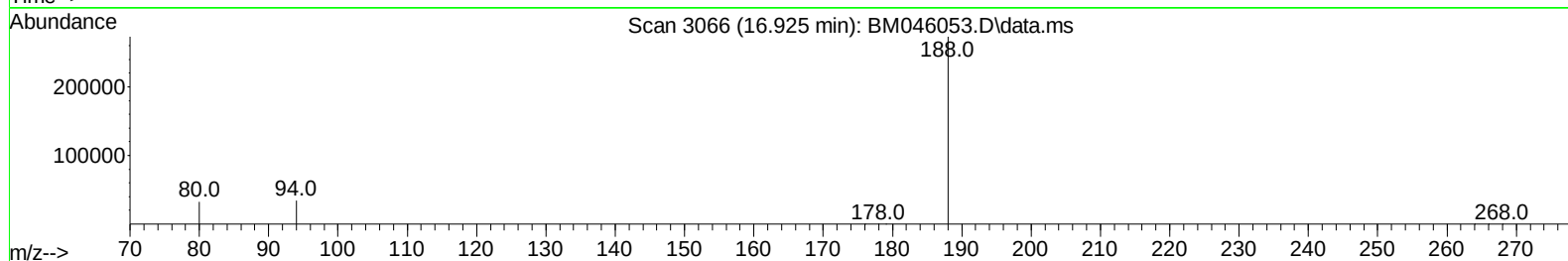
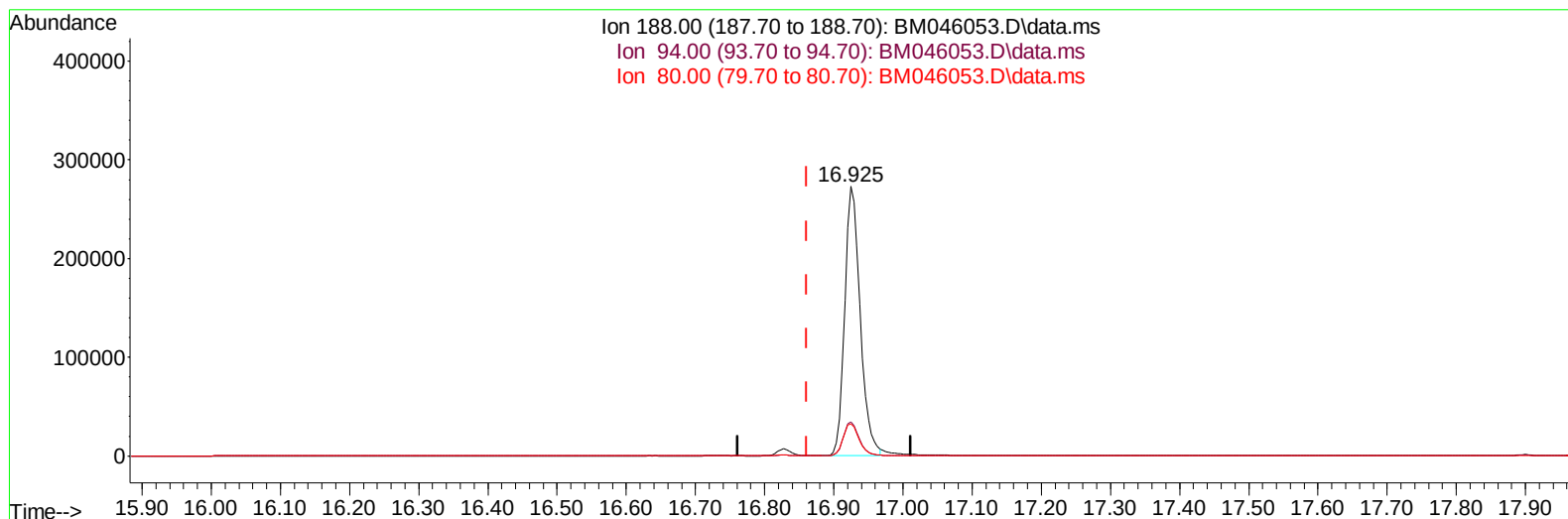
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046053.D\data.ms

(13) Phenanthrene-d10 (I)

16.925min (+ 0.063) 0.40 ng/u1

response 425017

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.68
80.00	15.20	12.02#
0.00	0.00	0.00

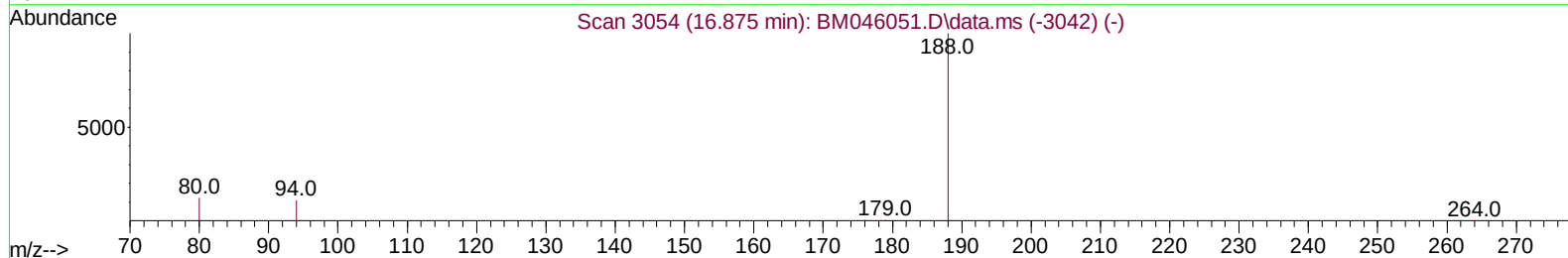
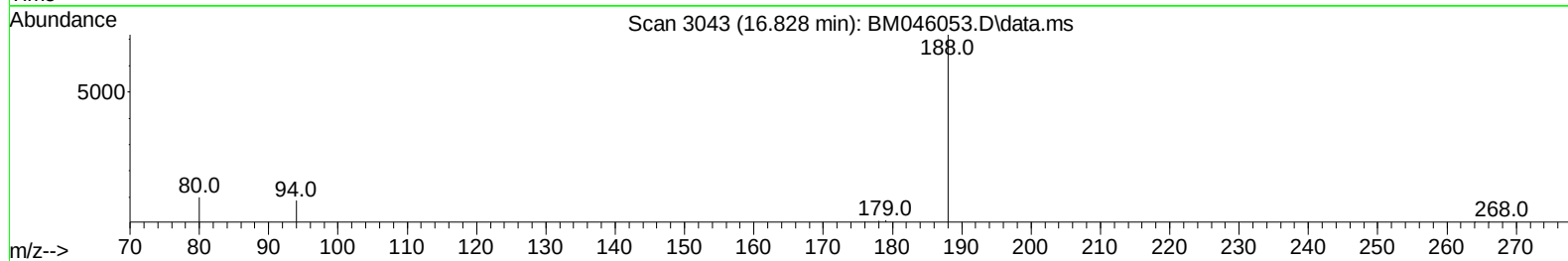
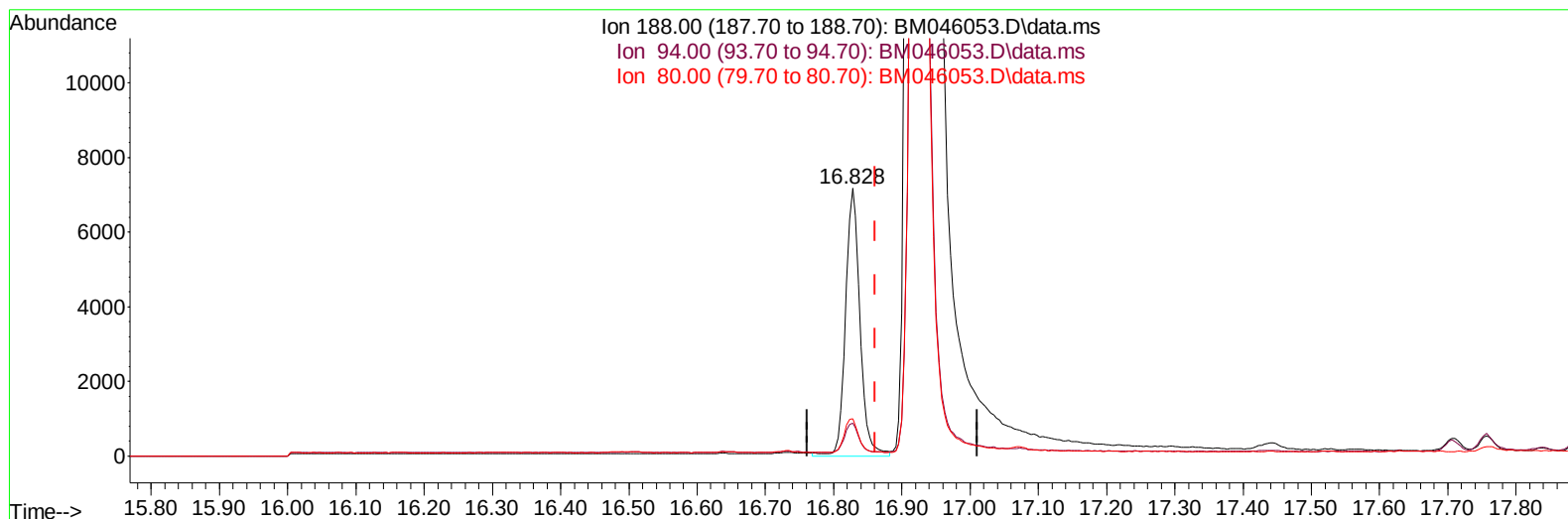
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046053.D\data.ms

(13) Phenanthrene-d10 (I)

16.828min (-0.034) 0.40 ng/ul m

response 10446

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.15
80.00	15.20	13.86
0.00	0.00	0.00

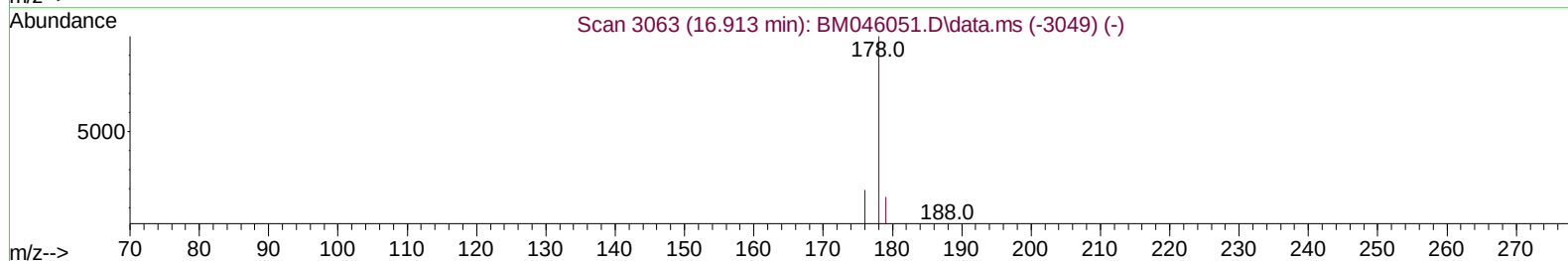
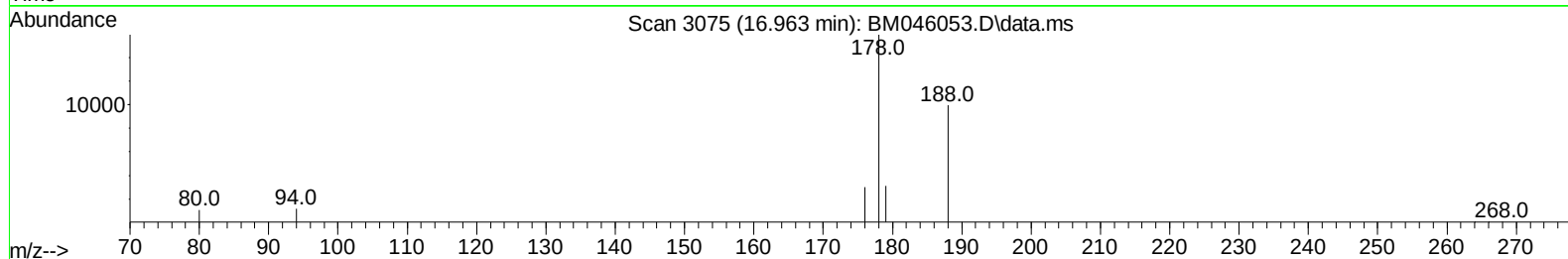
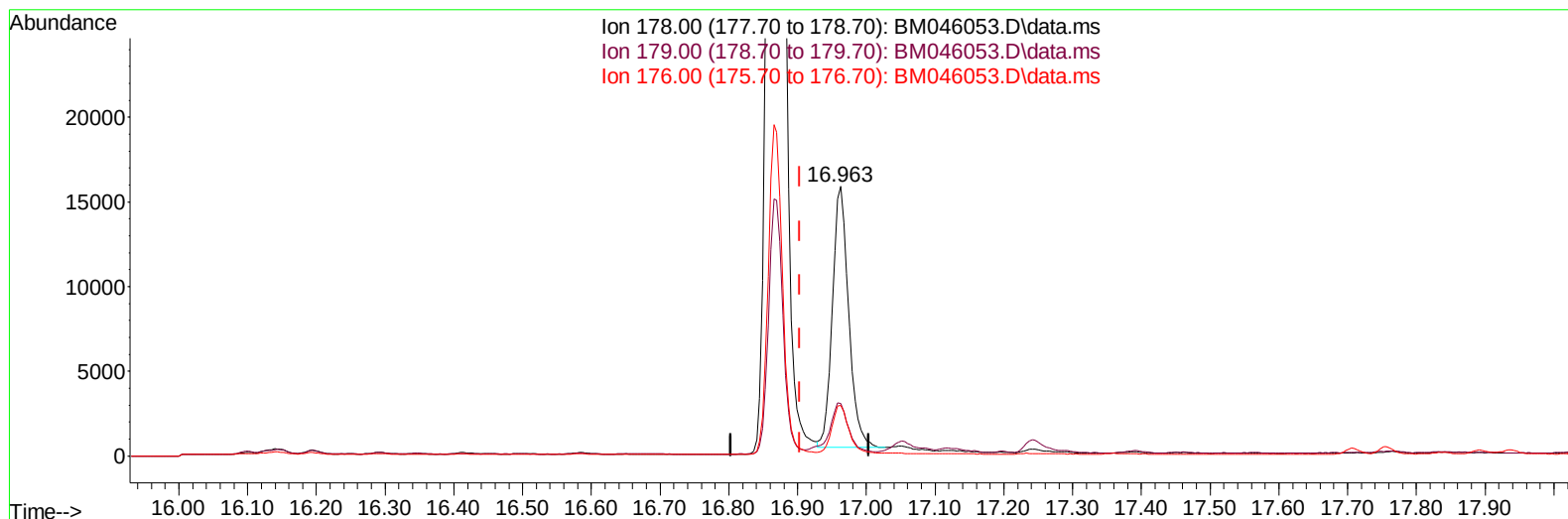
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 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 : Tue Jun 18 13:58:29 2024
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Reviewed By :Jagrut Upadhyay 06/19/2024
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TIC: BM046053.D\data.ms

(15) Phenanthrene

16.963min (+ 0.059) 0.86 ng/u1

response 25251

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	19.45
176.00	21.40	18.75
0.00	0.00	0.00

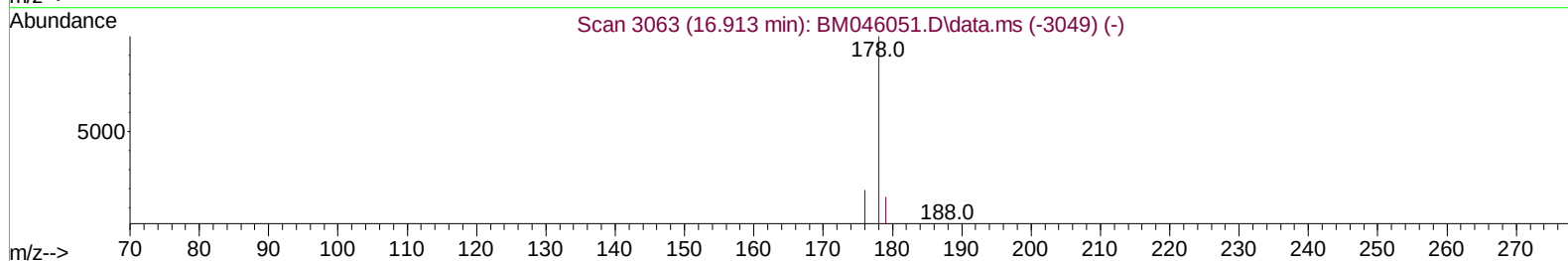
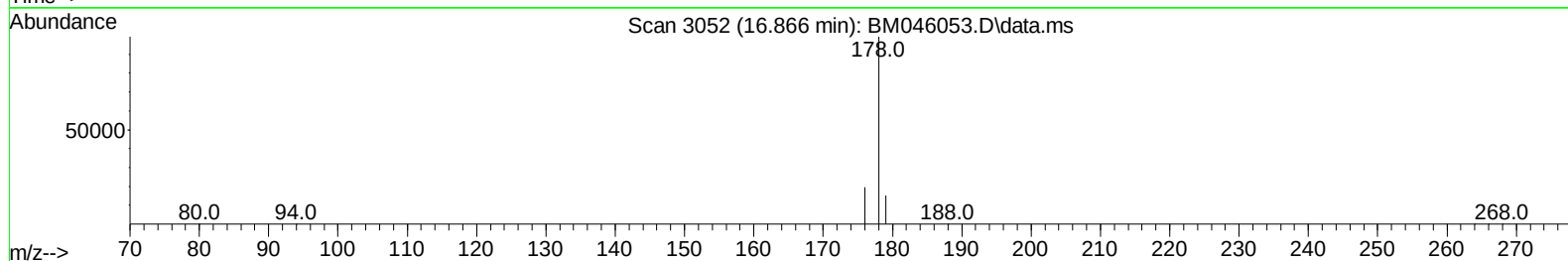
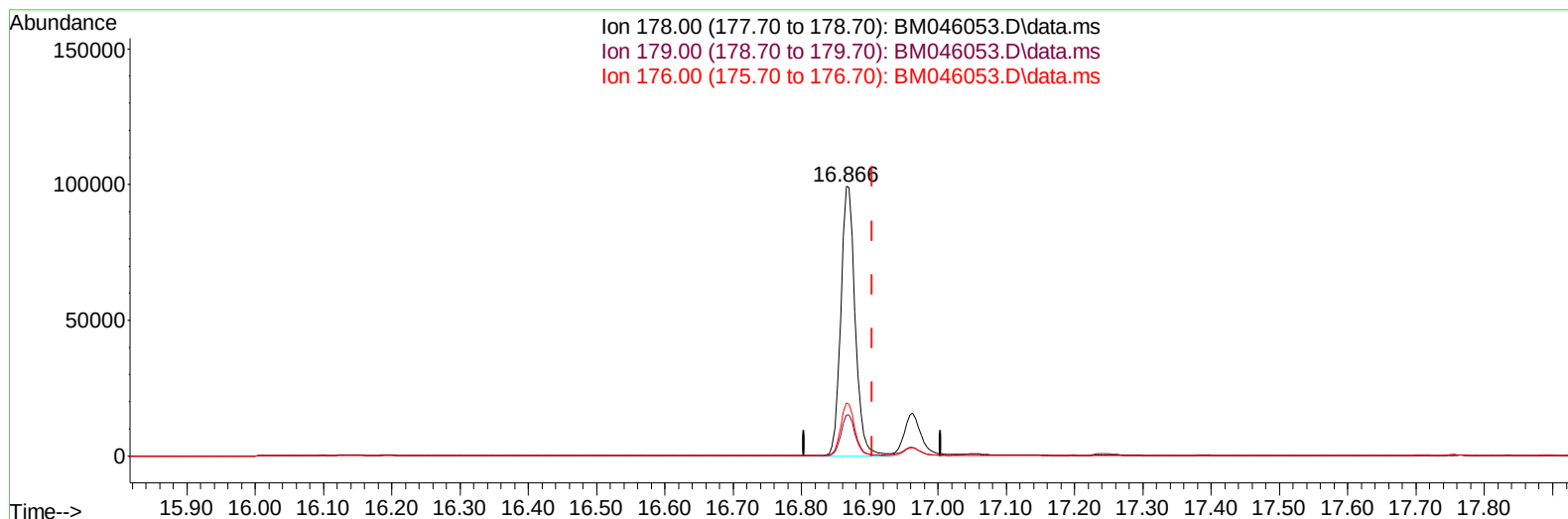
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046053.D
 Acq On : 18 Jun 2024 16:22
 Operator : MA/JU
 Sample : P2695-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



TIC: BM046053.D\data.ms

(15) Phenanthrene

16.866min (-0.038) 4.96 ng/ul m

response 145514

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.27
176.00	21.40	19.70
0.00	0.00	0.00

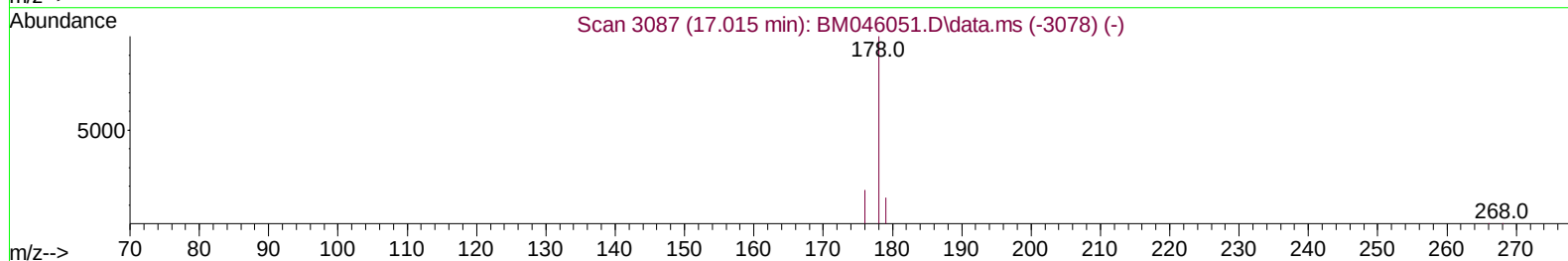
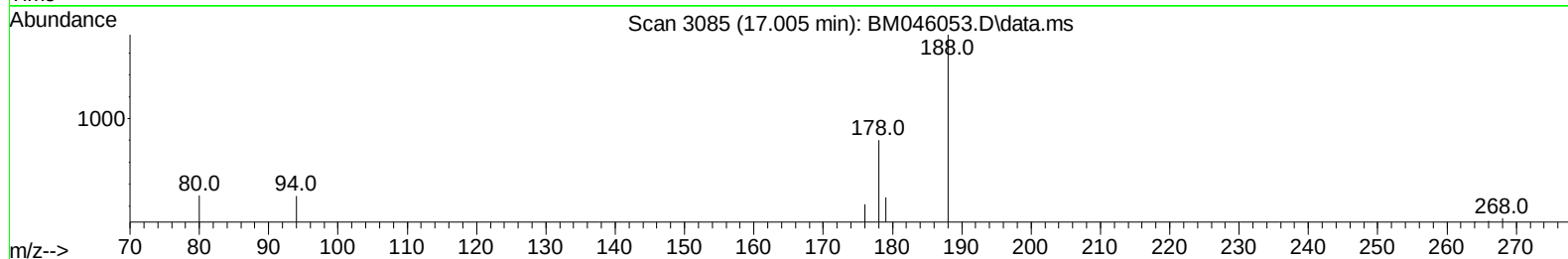
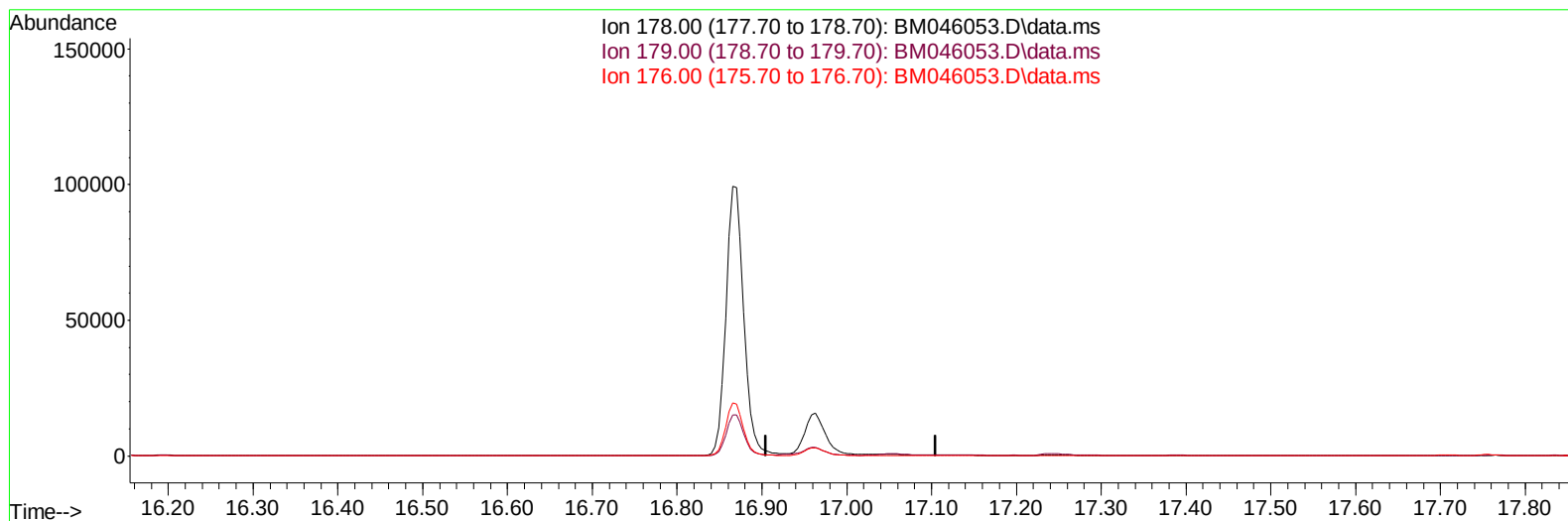
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 2024
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TIC: BM046053.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

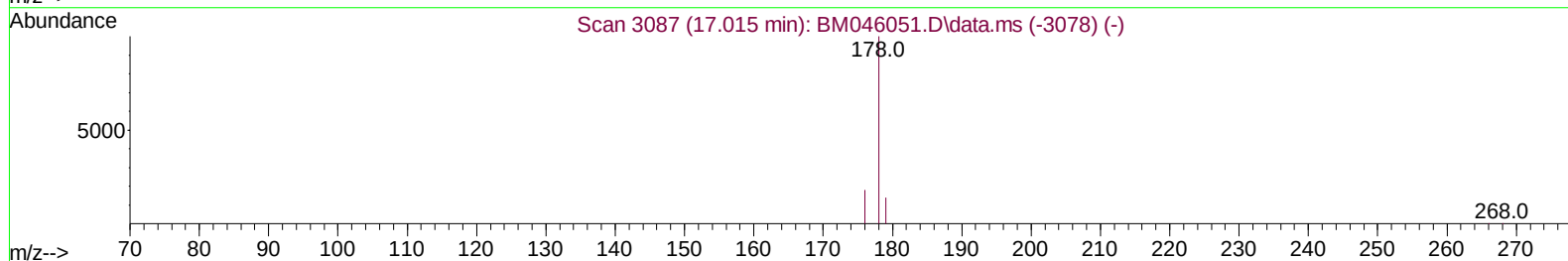
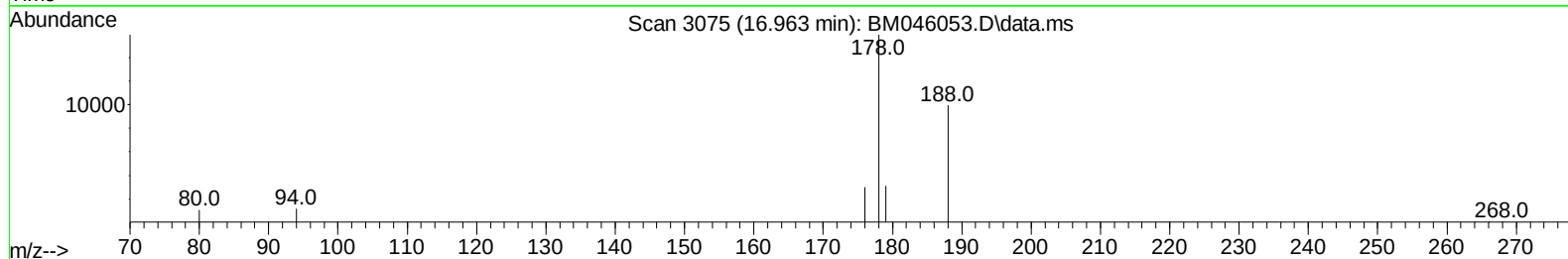
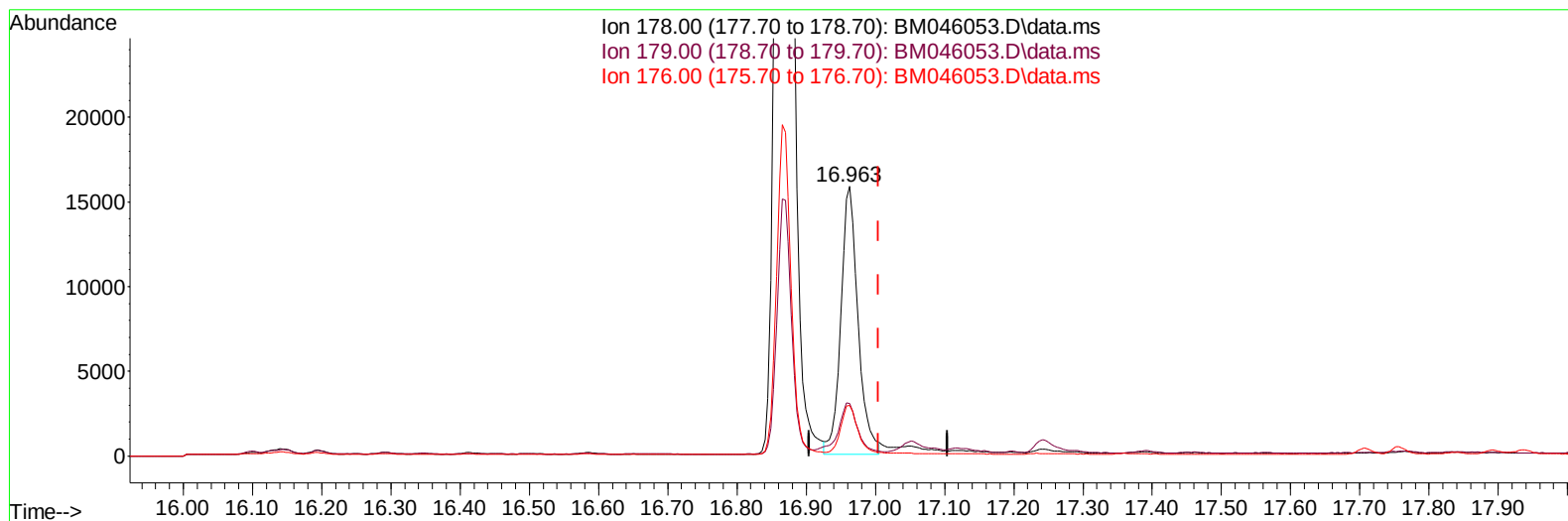
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 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 :mohammad ahmed 06/21/2024



TIC: BM046053.D\data.ms

(16) Anthracene

16.963min (-0.042) 1.25 ng/ul m

response 27223

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	19.45
176.00	21.20	18.75
0.00	0.00	0.00

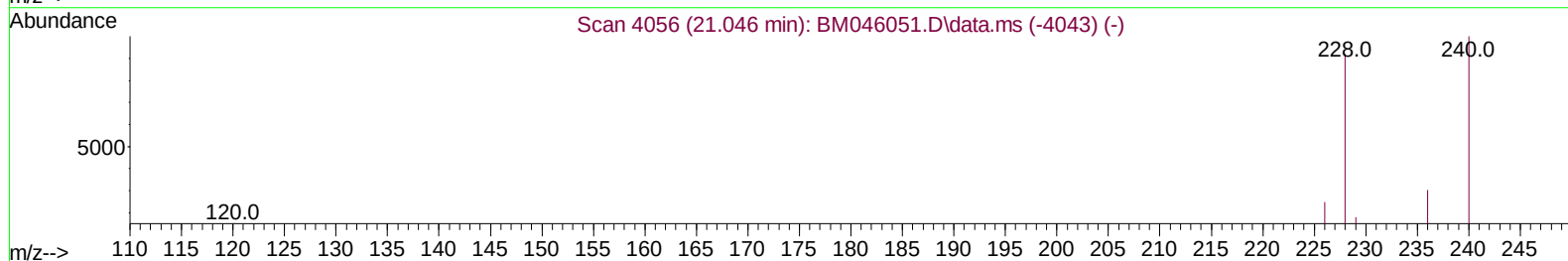
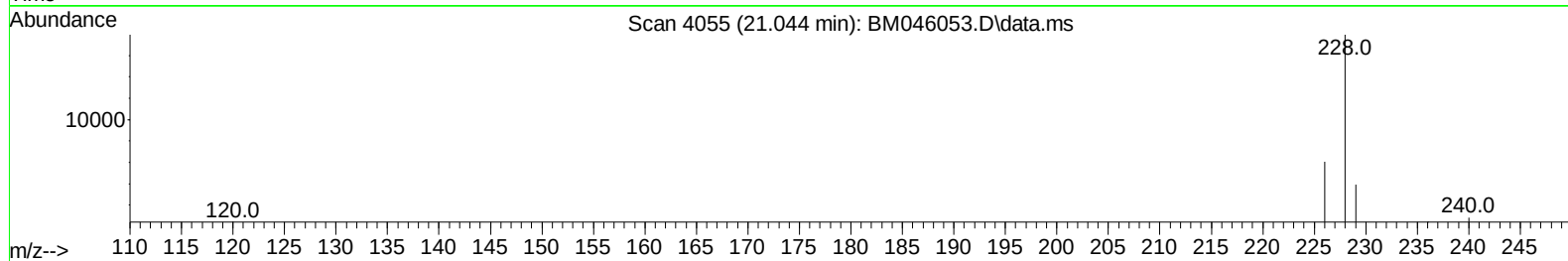
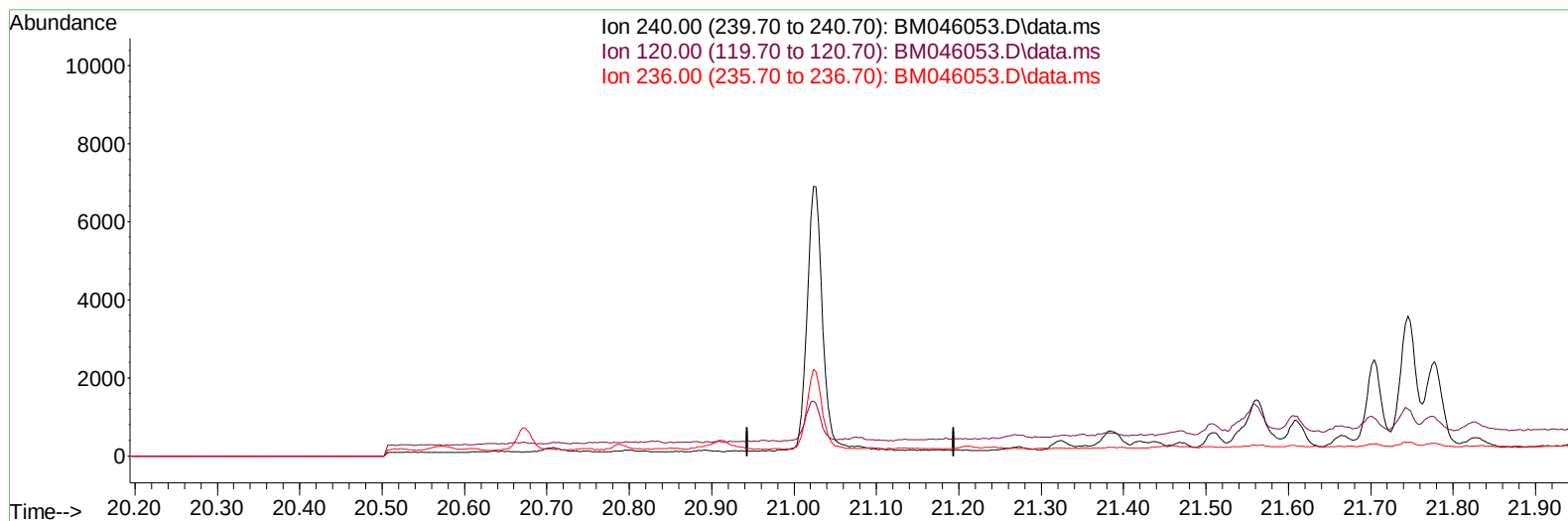
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046053.D\data.ms

(17) Chrysene-d12

21.044min (-21.044) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	23.50	0.00#
236.00	33.60	0.00#
0.00	0.00	0.00

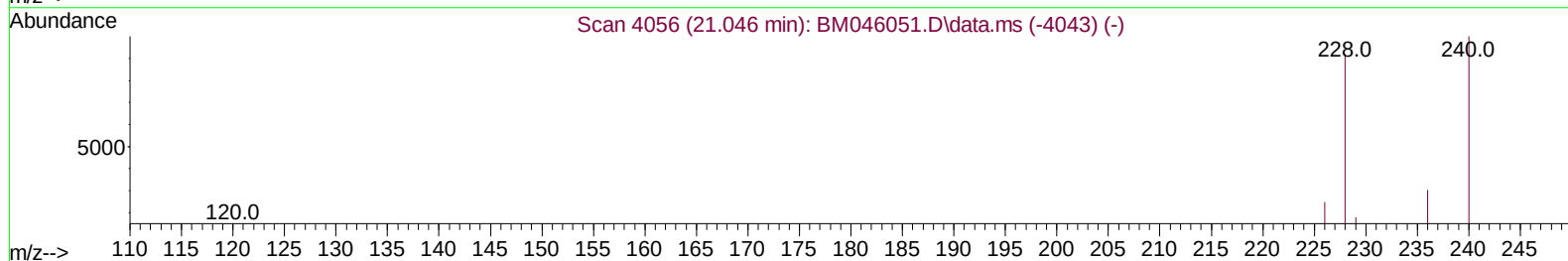
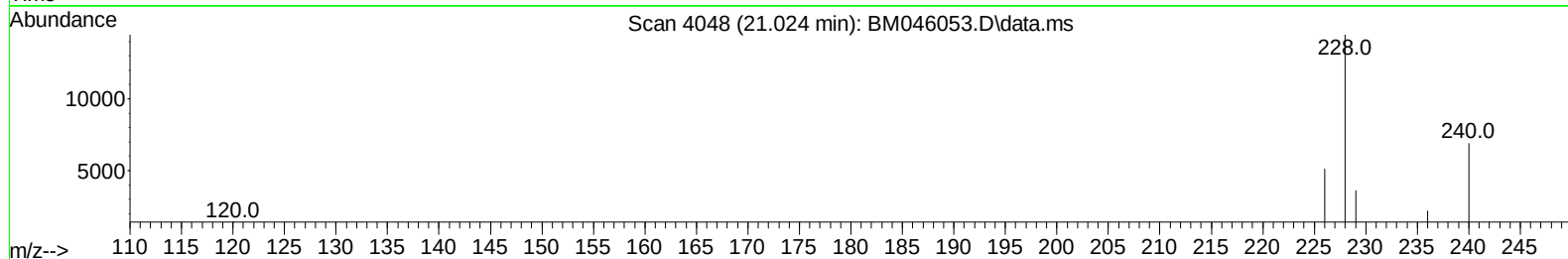
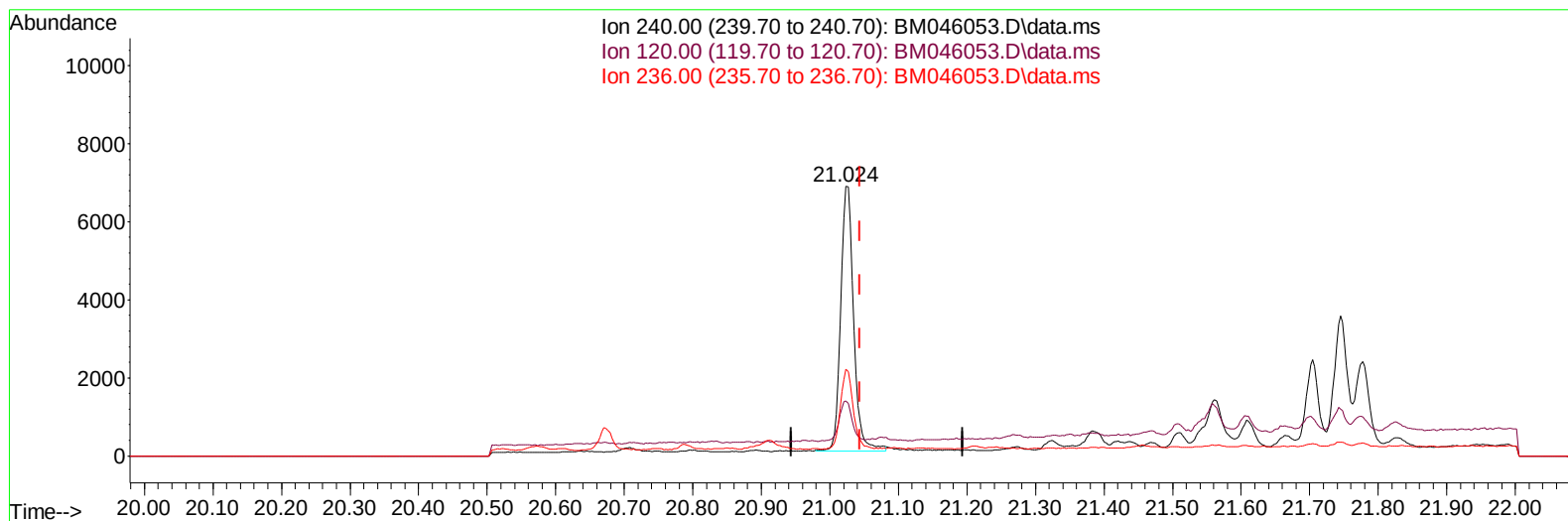
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 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

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TIC: BM046053.D\data.ms

(17) Chrysene-d12

21.024min (-0.020) 0.40 ng/ul m

response 8913

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	20.51
236.00	33.60	32.17
0.00	0.00	0.00

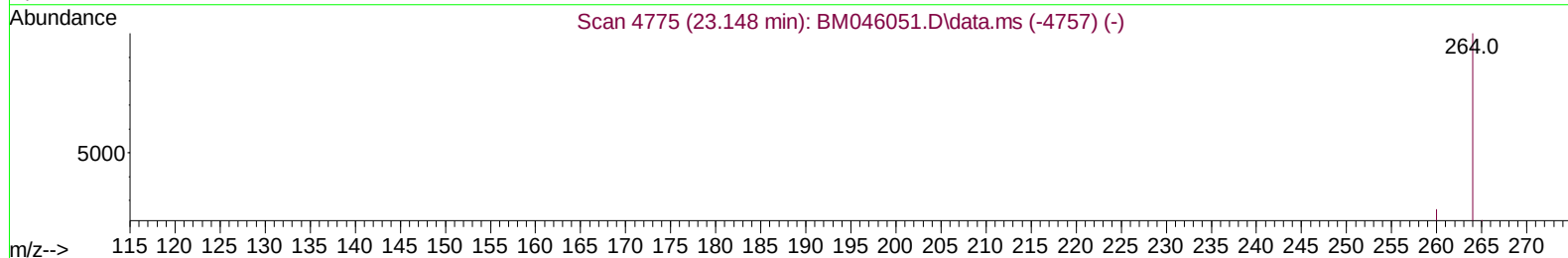
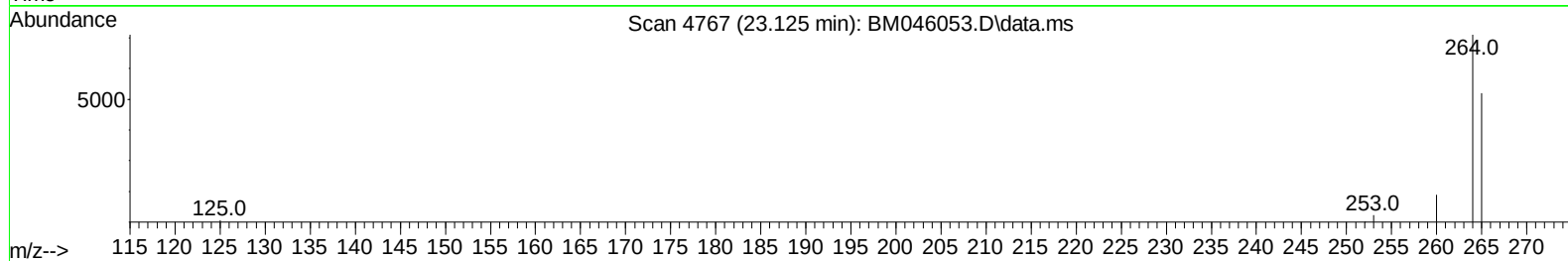
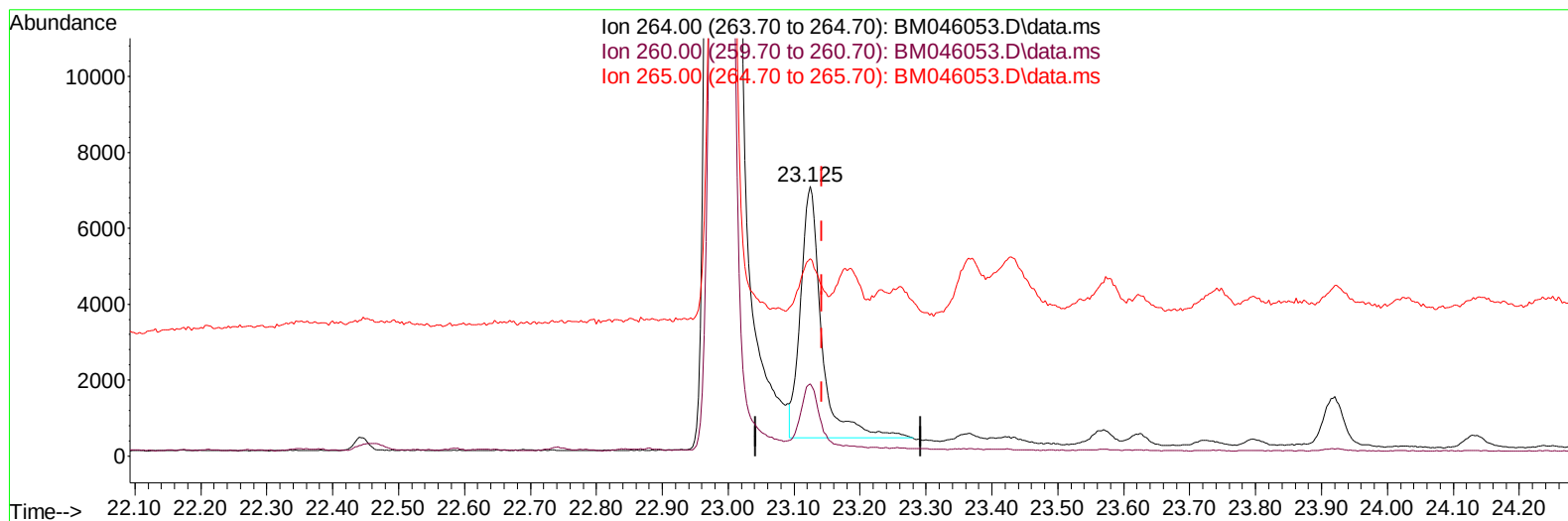
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046053.D\data.ms

(23) Perylene-d12 (I)

23.125min (-0.017) 0.40 ng/u1

response 14798

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.71
265.00	110.60	73.14#
0.00	0.00	0.00

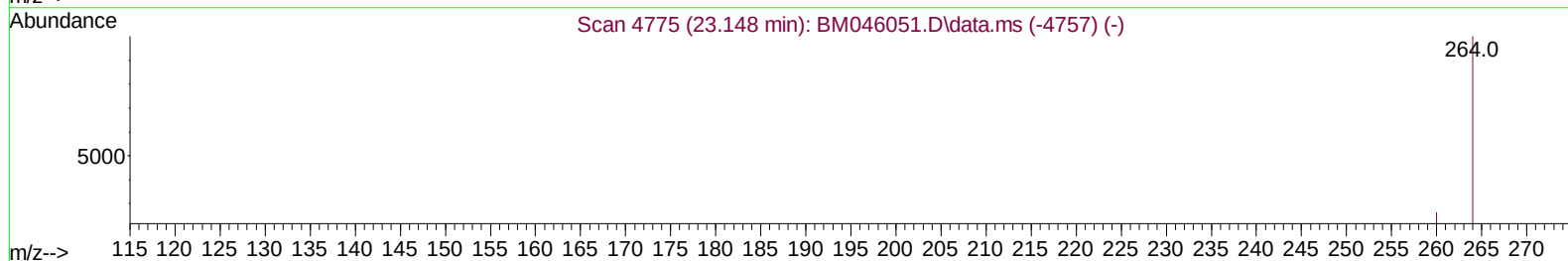
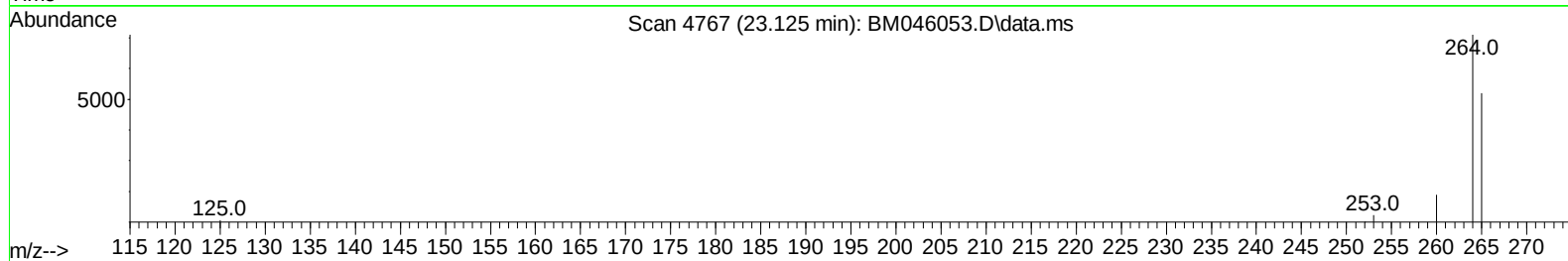
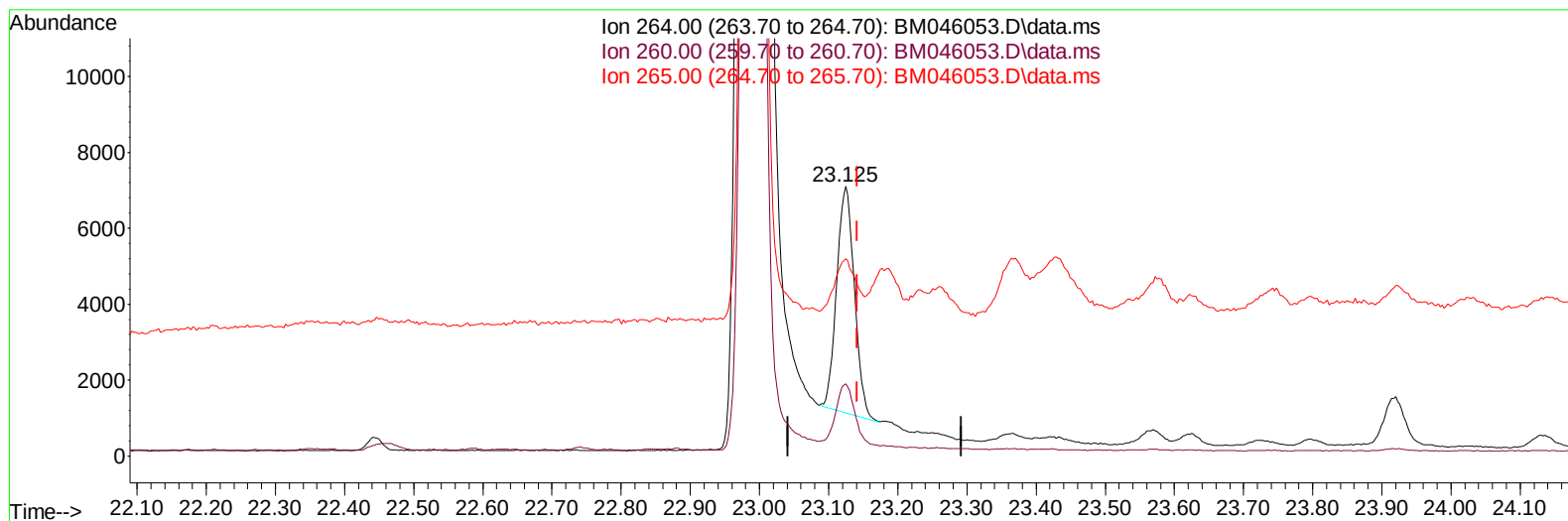
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046053.D\data.ms

(23) Perylene-d12 (I)

23.125min (-0.017) 0.40 ng/ul m

response 10591

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.71
265.00	110.60	73.14#
0.00	0.00	0.00

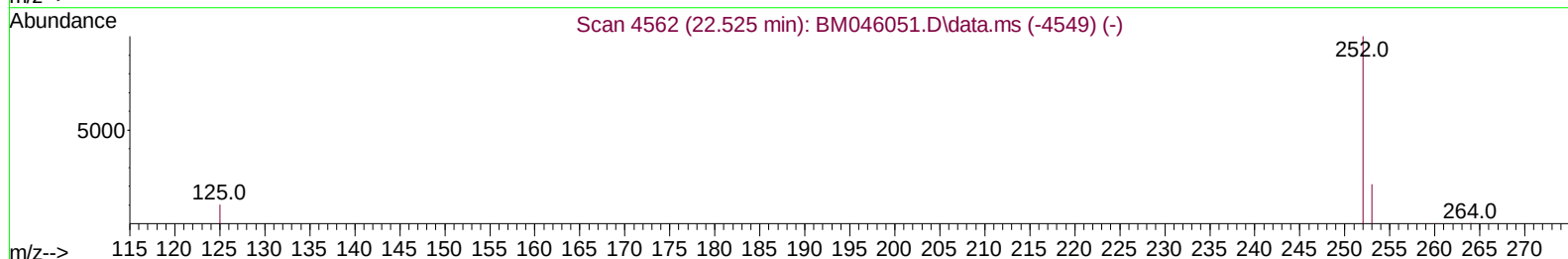
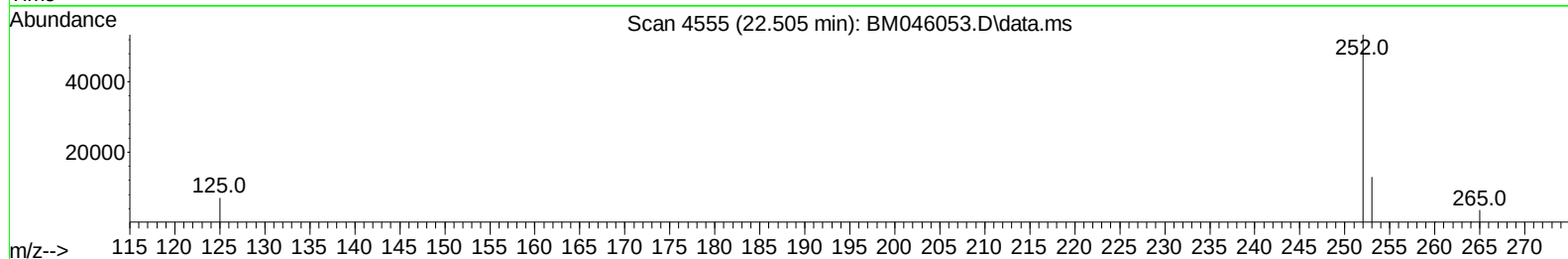
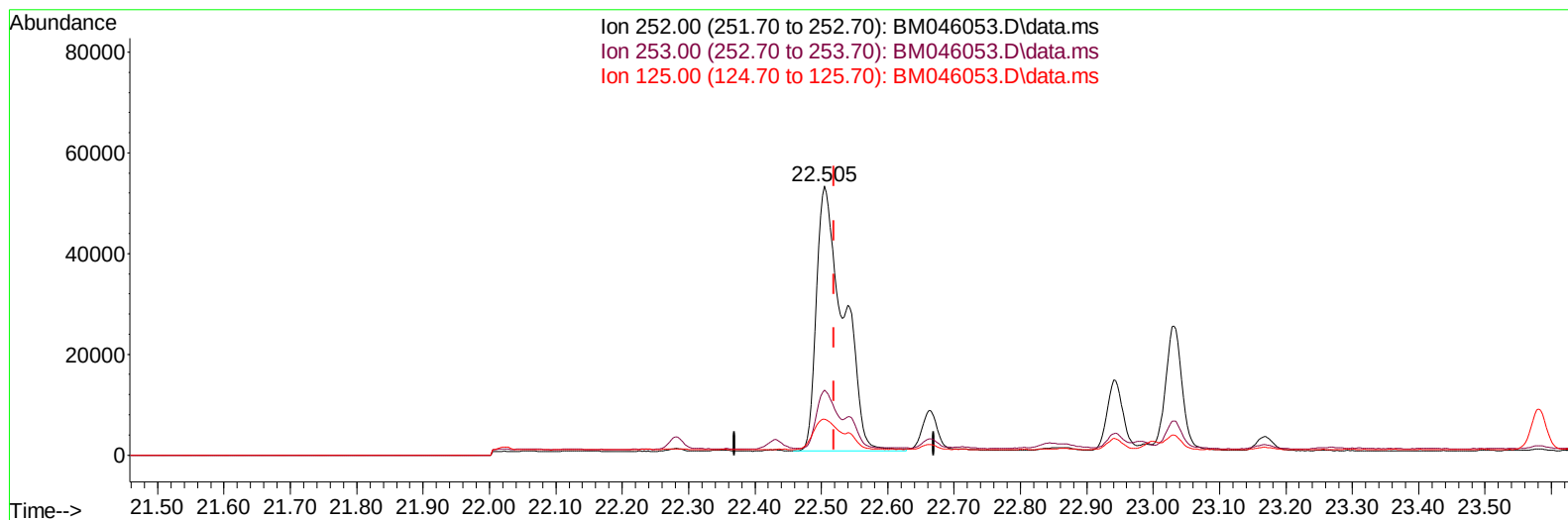
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

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TIC: BM046053.D\data.ms

(24) Benzo(b)fluoranthene

22.505min (-0.015) 3.91 ng/uI

response 149294

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.19
125.00	20.10	13.30
0.00	0.00	0.00

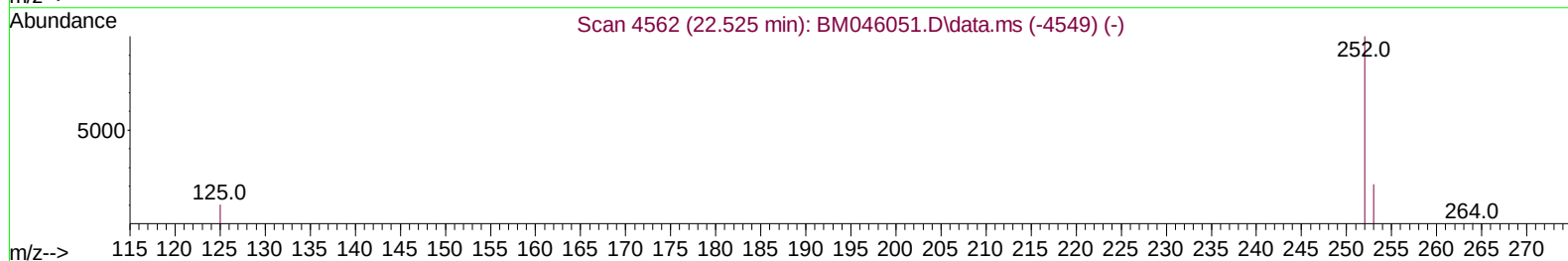
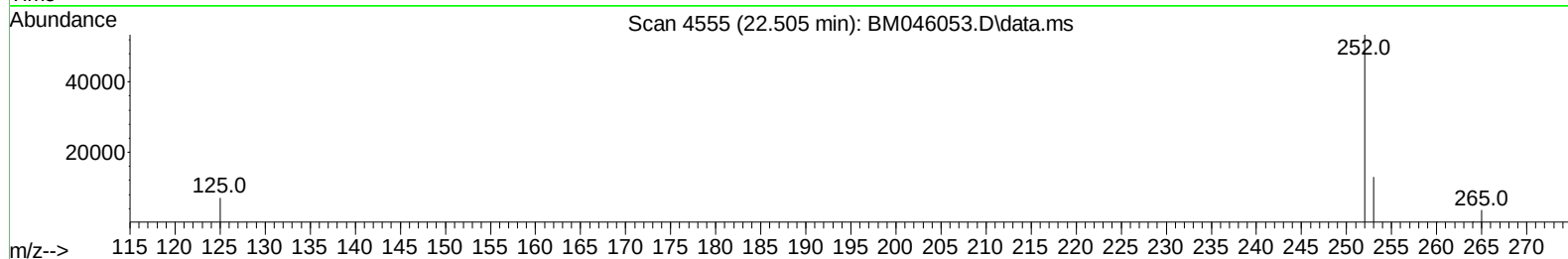
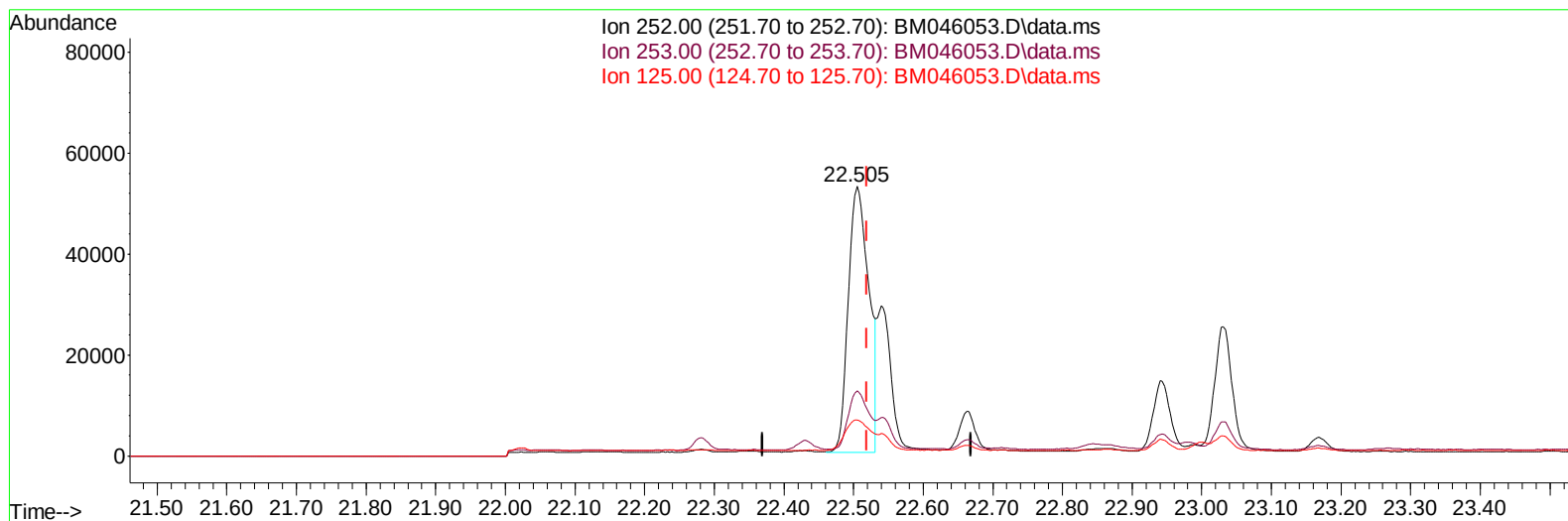
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:10:48 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/21/2024



TIC: BM046053.D\data.ms

(24) Benzo(b)fluoranthene

22.505min (-0.015) 2.85 ng/u1 m

response 108584

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.19
125.00	20.10	13.30
0.00	0.00	0.00

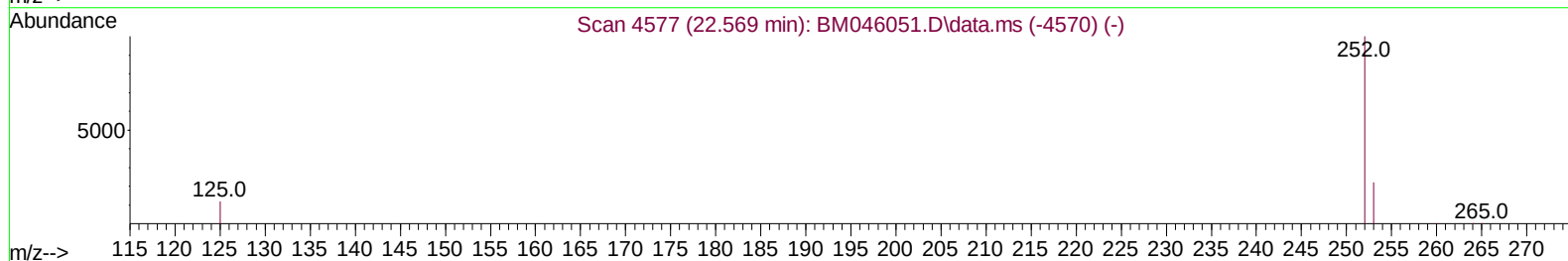
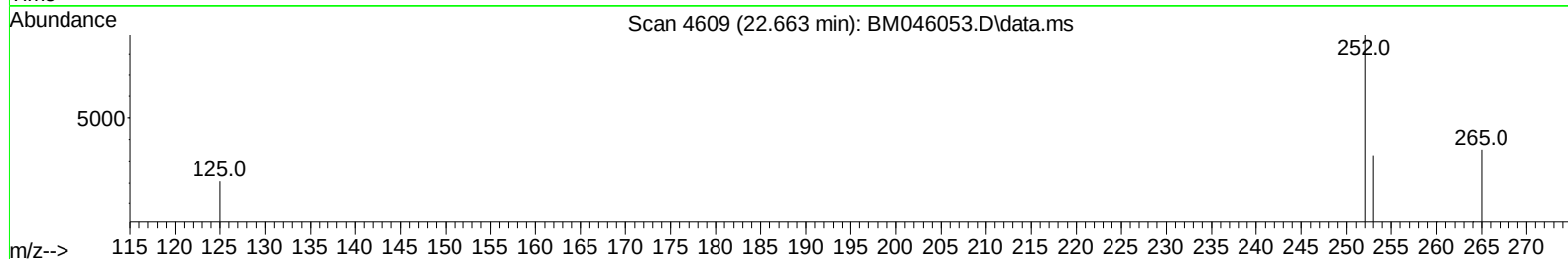
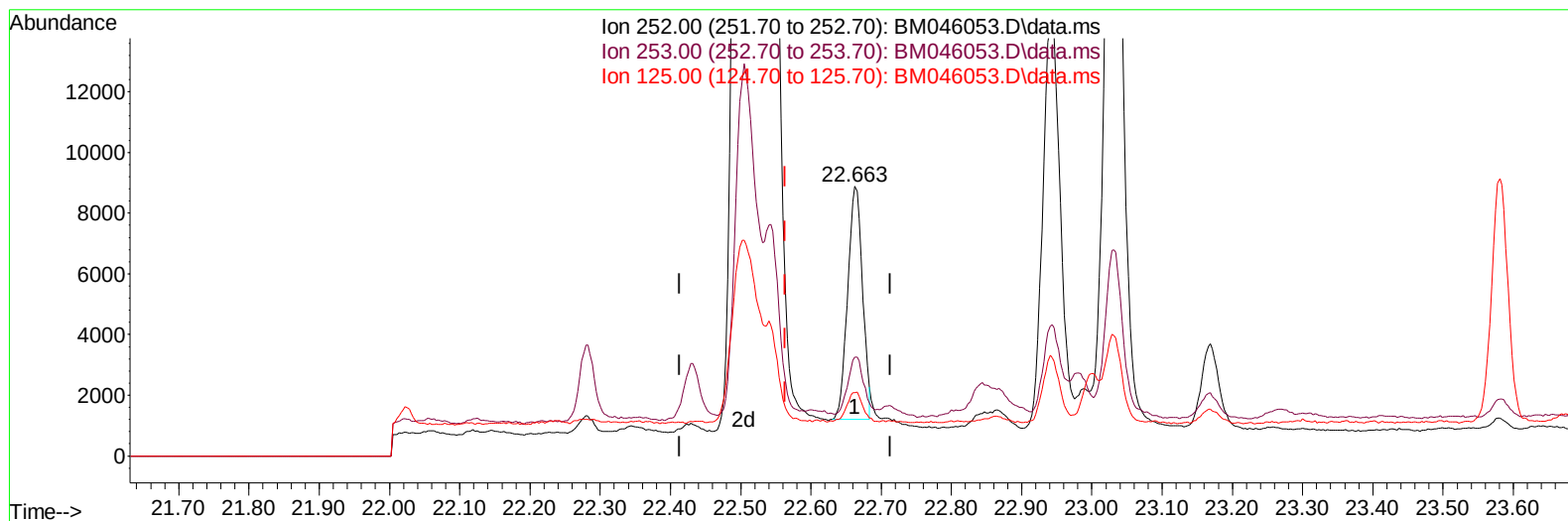
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

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TIC: BM046053.D\data.ms

(25) Benzo(k)fluoranthene

22.663min (+ 0.099) 0.25 ng/u1

response 11279

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	36.67
125.00	20.80	23.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046053.D
 Acq On : 18 Jun 2024 16:22
 Operator : MA/JU
 Sample : P2695-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 17:10:48 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3390	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	9315	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.089	164	4876	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.828	188	10446m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.024	240	8913m	0.400	ng/ul	-0.02
23) Perylene-d12	23.125	264	10591m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	13483	2.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	2473	0.198	ng/ul	-0.02
18) Fluoranthene-d10	18.857	212	5987	0.224	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.259	128	3324	0.128	ng/ul	98
7) 2-Methylnaphthalene	11.920	142	1709	0.117	ng/ul	90
8) 1-Methylnaphthalene	12.129	142	1582	0.099	ng/ul	100
10) Acenaphthylene	13.802	152	3622	0.157	ng/ul#	95
11) Acenaphthene	14.149	153	7504	0.449	ng/ul	98
12) Fluorene	15.139	166	7737	0.432	ng/ul	98
15) Phenanthrene	16.866	178	145514m	4.958	ng/ul	
16) Anthracene	16.963	178	27223m	1.245	ng/ul	
19) Fluoranthene	18.889	202	184904	4.791	ng/ul	97
20) Pyrene	19.252	202	137893	3.304	ng/ul	97
21) Benzo(a)anthracene	21.009	228	80773	2.346	ng/ul	99
22) Chrysene	21.062	228	83078	1.891	ng/ul	98
24) Benzo(b)fluoranthene	22.505	252	108584m	2.846	ng/ul	
25) Benzo(k)fluoranthene	22.540	252	39769m	0.877	ng/ul	
26) Benzo(a)pyrene	23.031	252	43541	1.231	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.176	276	40968	0.708	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.179	278	13759	0.319	ng/ul	98
29) Benzo(g,h,i)perylene	25.799	276	6432	0.130	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ0

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

