

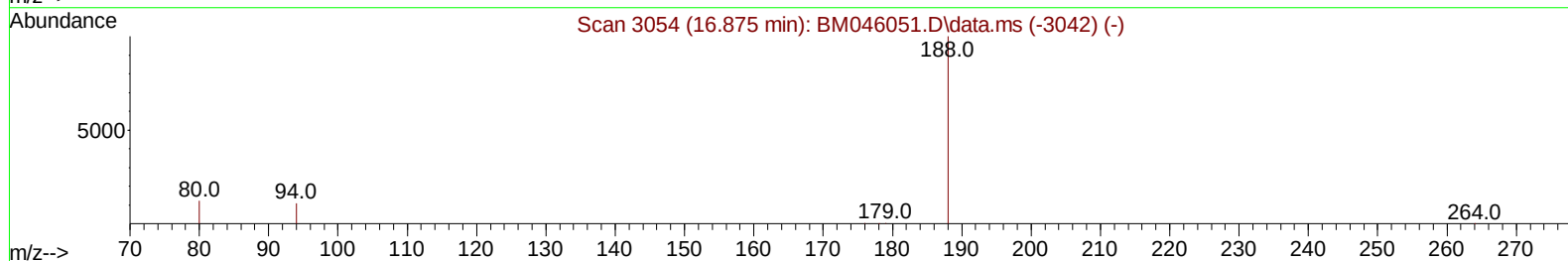
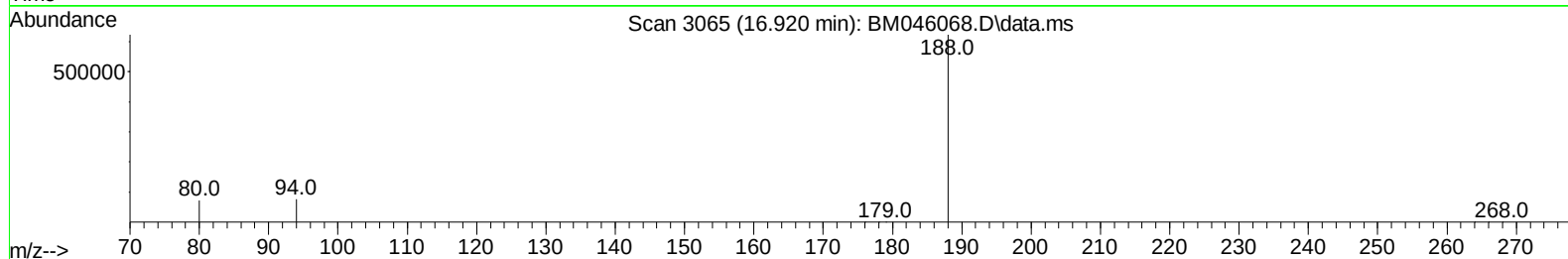
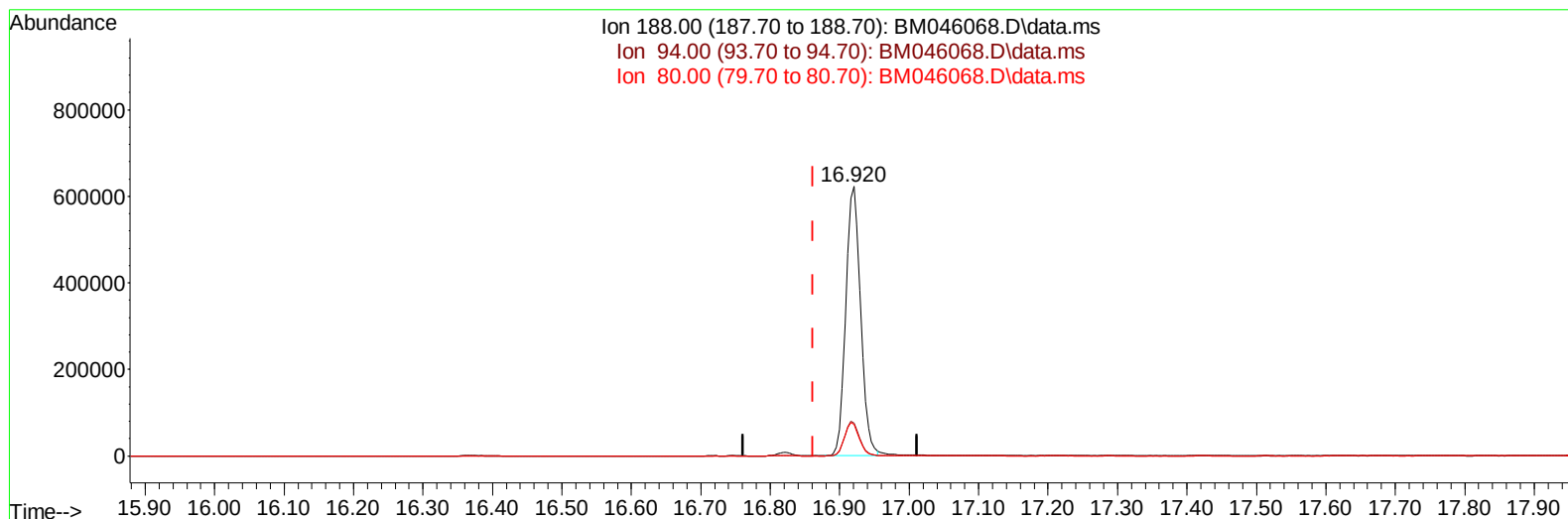
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 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: BM046068.D\data.ms

(13) Phenanthrene-d10 (I)

16.920min (+ 0.059) 0.40 ng/u1

response 918947

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.20
80.00	15.20	11.59#
0.00	0.00	0.00

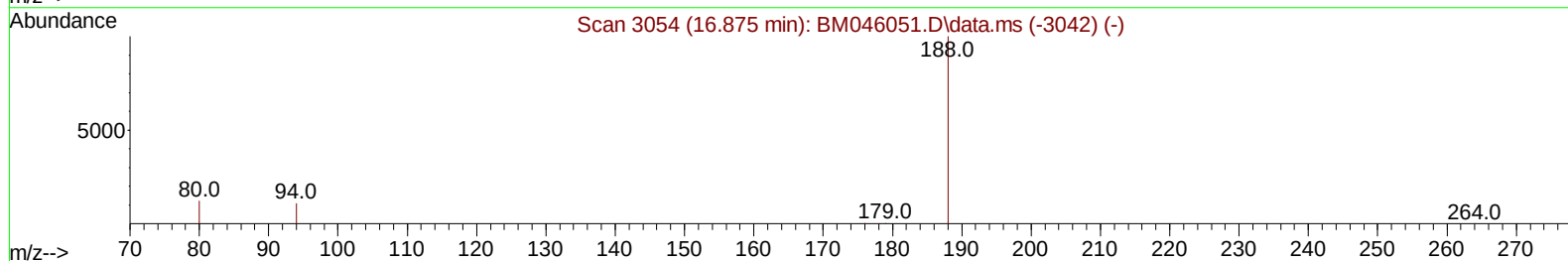
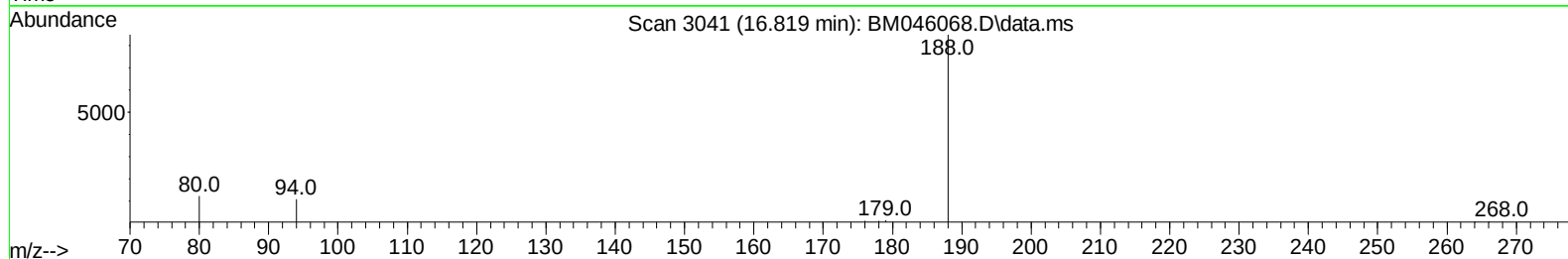
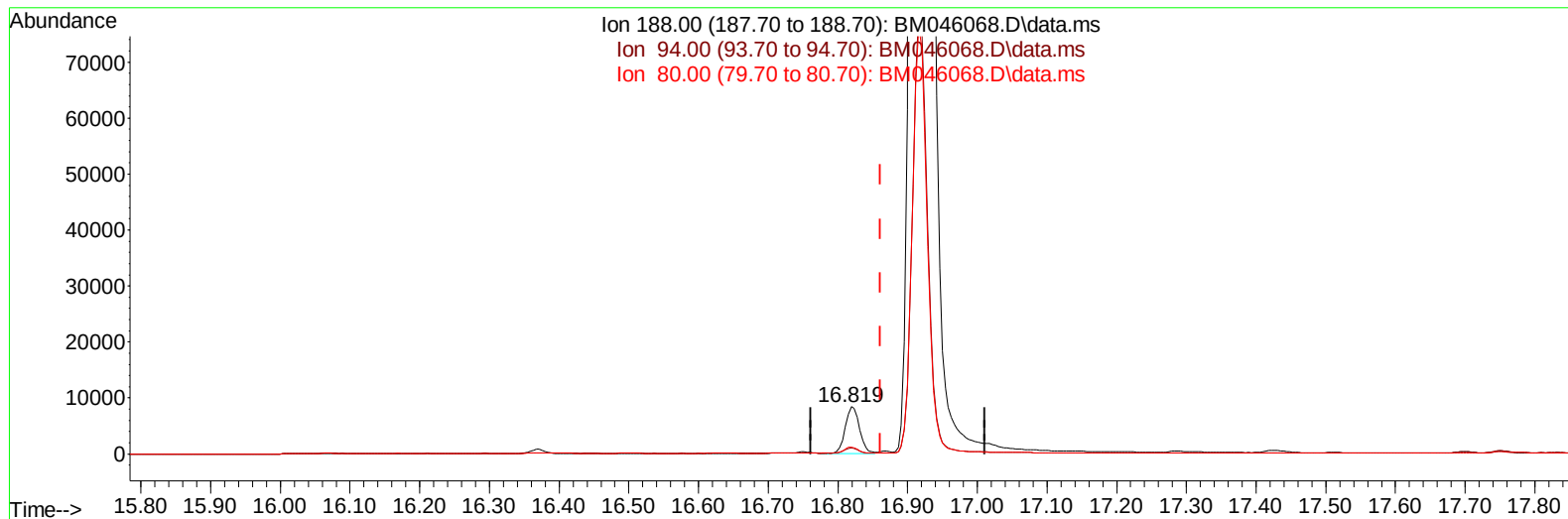
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 2024
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: BM046068.D\data.ms

(13) Phenanthrene-d10 (I)

16.819min (-0.042) 0.40 ng/ul m

response 11955

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.77
80.00	15.20	14.28
0.00	0.00	0.00

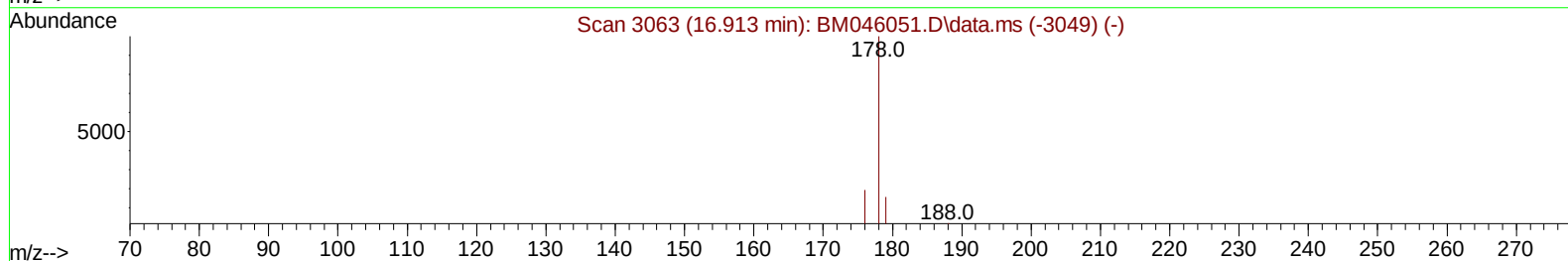
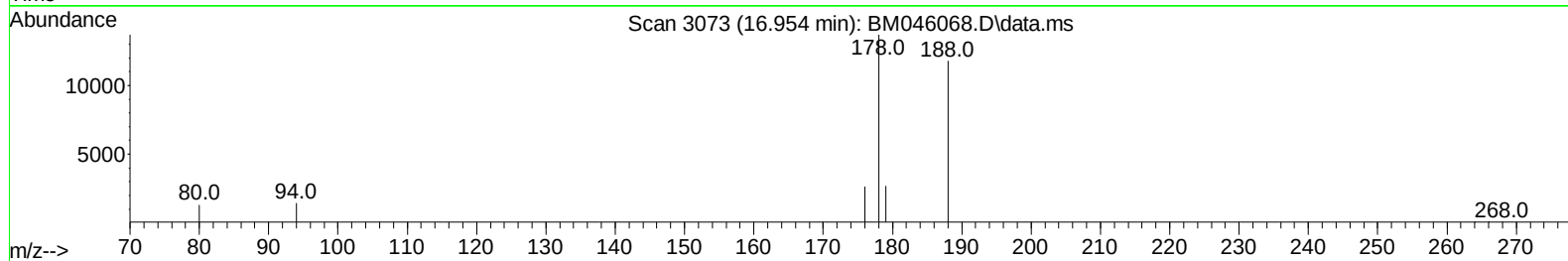
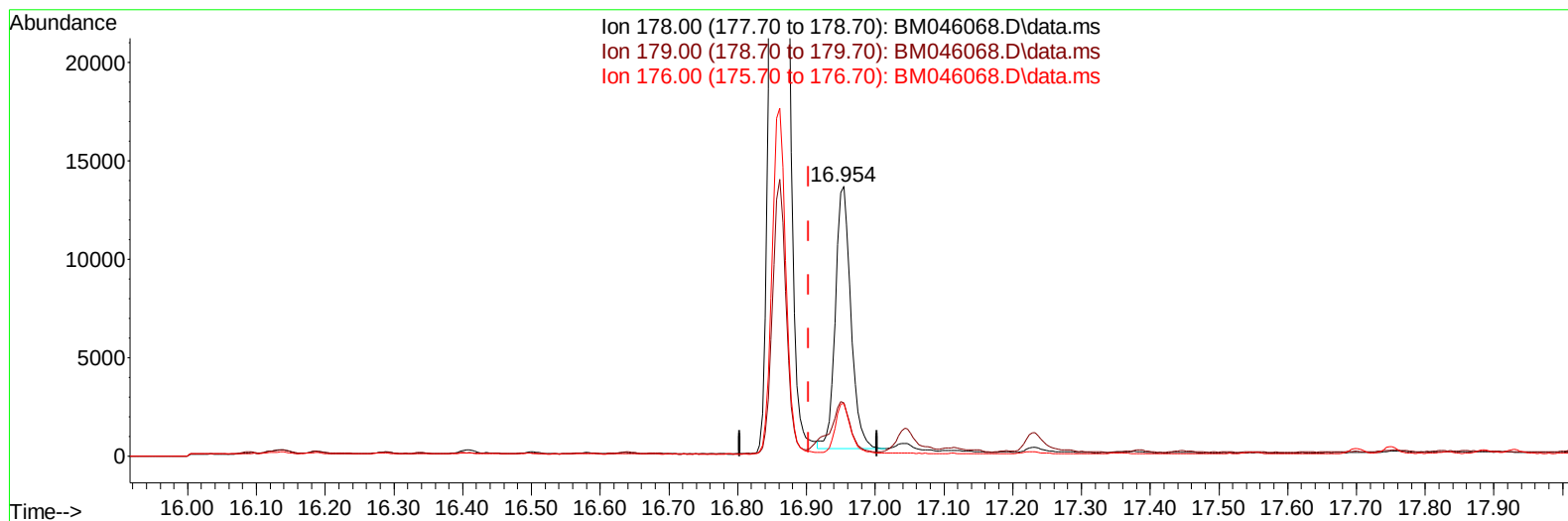
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 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: BM046068.D\data.ms

(15) Phenanthrene

16.954min (+ 0.051) 0.62 ng/u1

response 20817

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	19.70
176.00	21.40	19.38
0.00	0.00	0.00

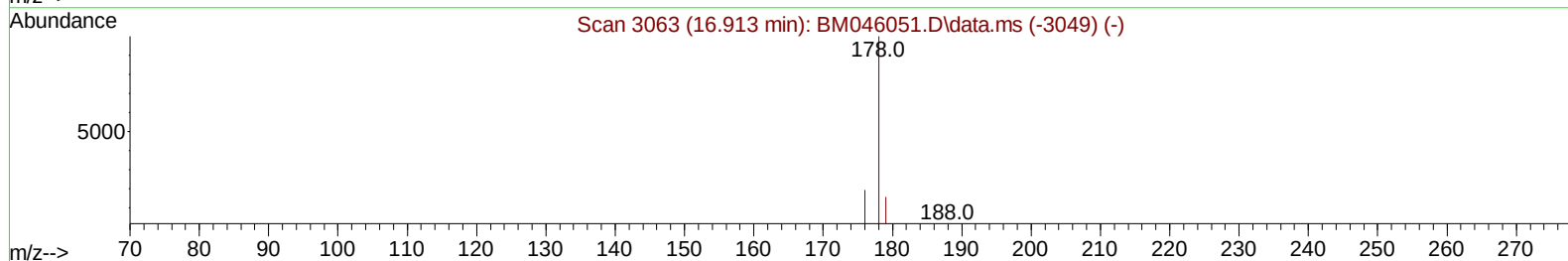
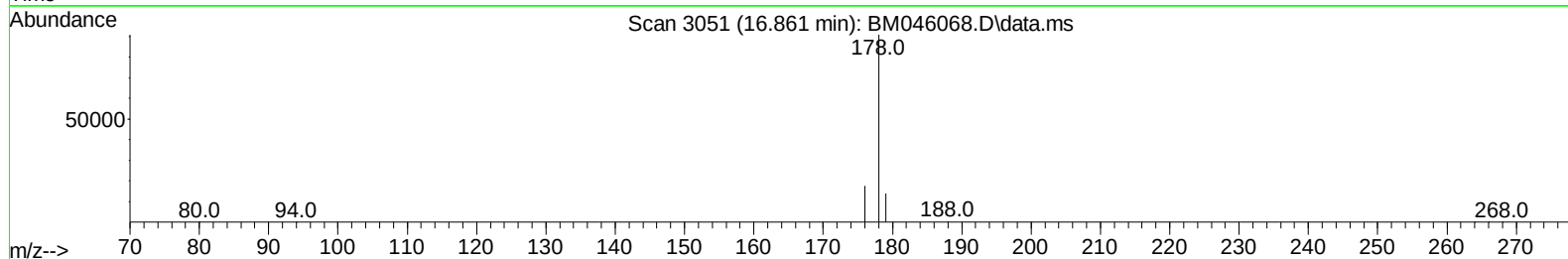
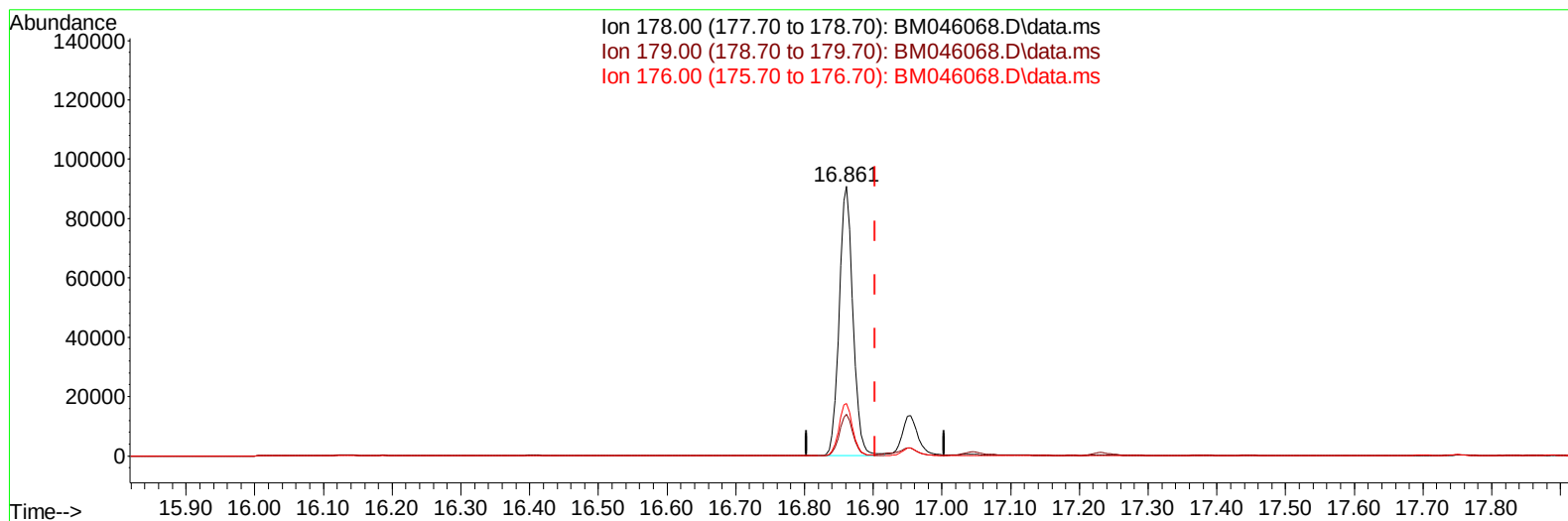
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 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: BM046068.D\data.ms

(15) Phenanthrene

16.861min (-0.042) 3.77 ng/ul m

response 126513

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.47
176.00	21.40	19.48
0.00	0.00	0.00

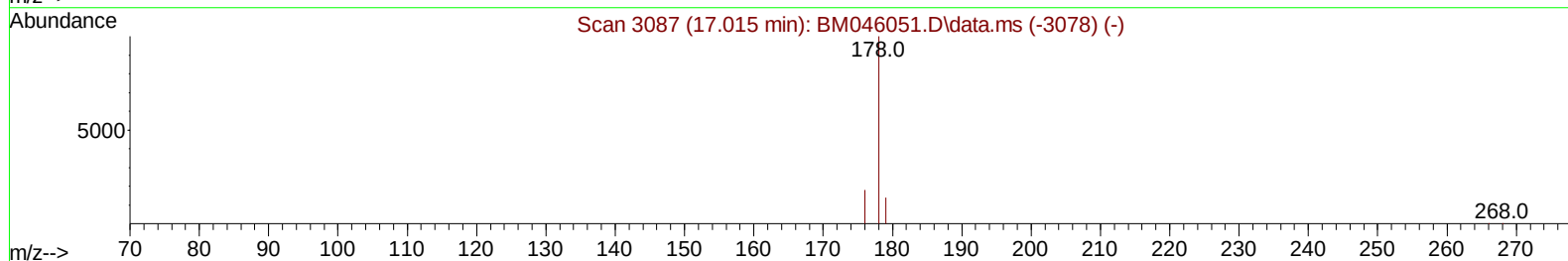
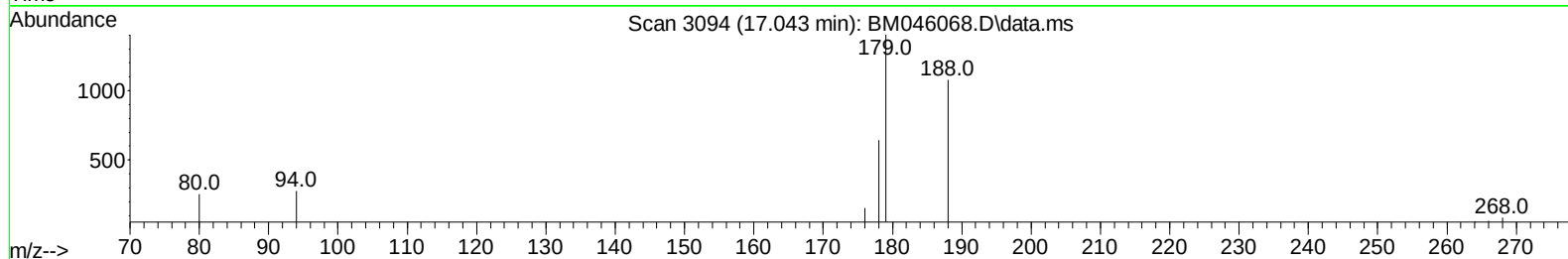
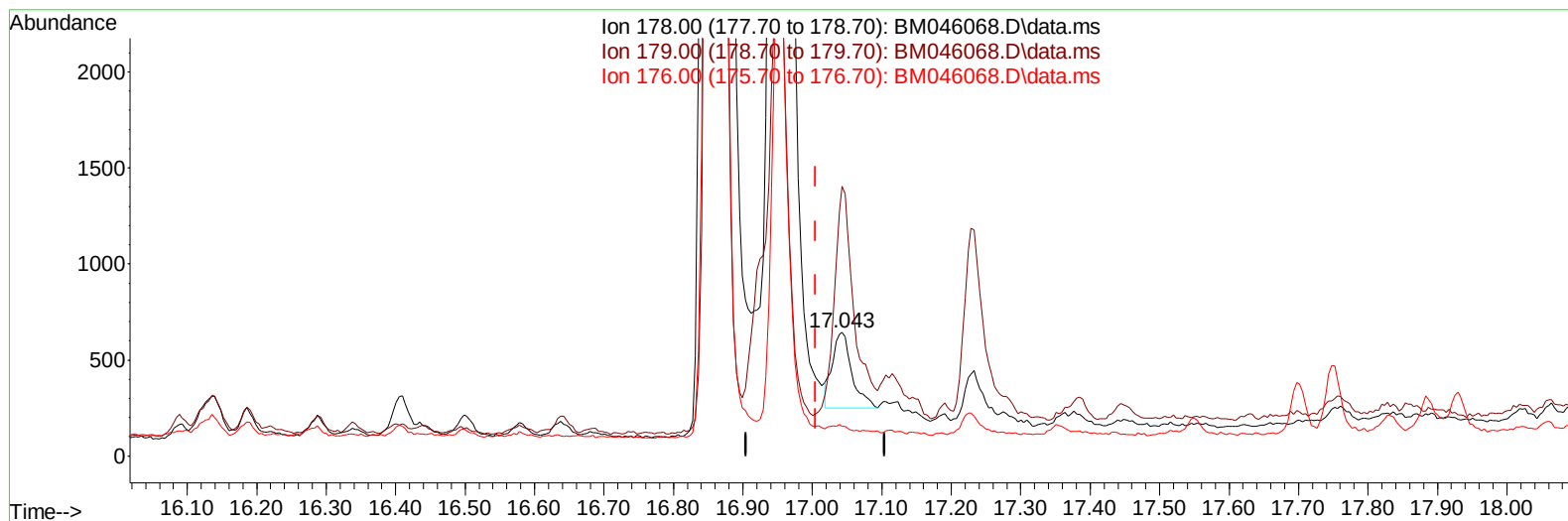
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046068.D
 Acq On : 19 Jun 2024 02:06
 Operator : MA/JU
 Sample : P2695-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 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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TIC: BM046068.D\data.ms

(16) Anthracene

17.043min (+ 0.038) 0.03 ng/u1

response 785

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	218.20#
176.00	21.20	23.95
0.00	0.00	0.00

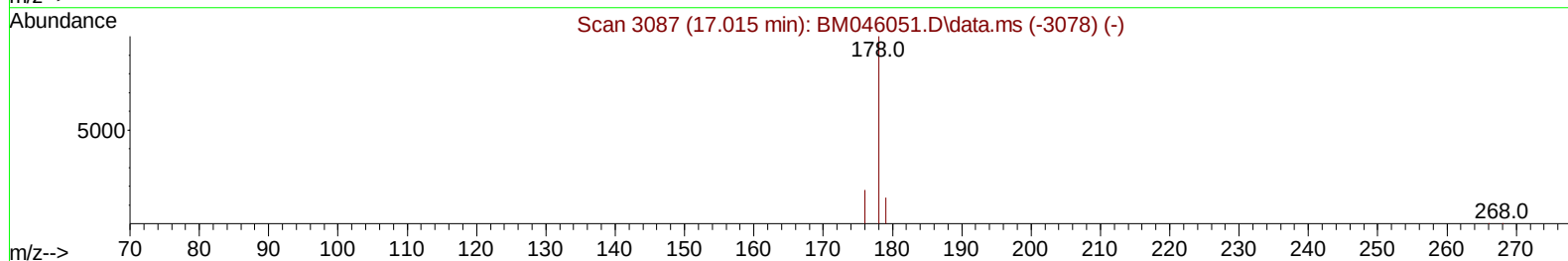
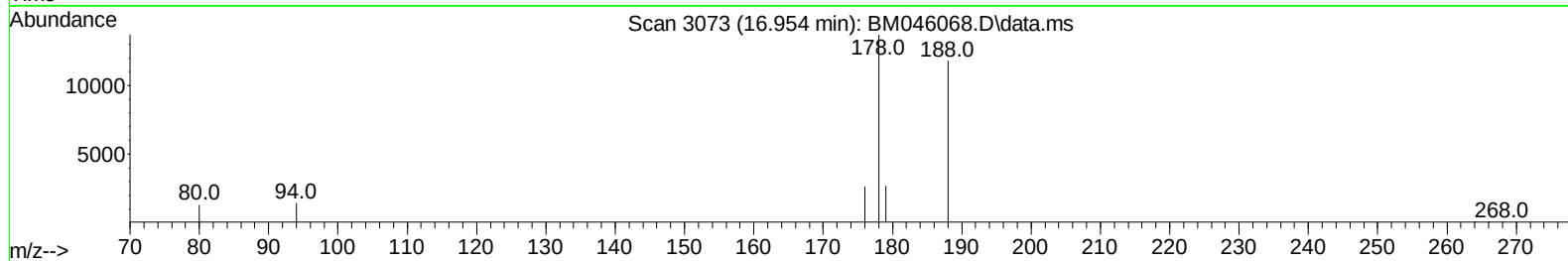
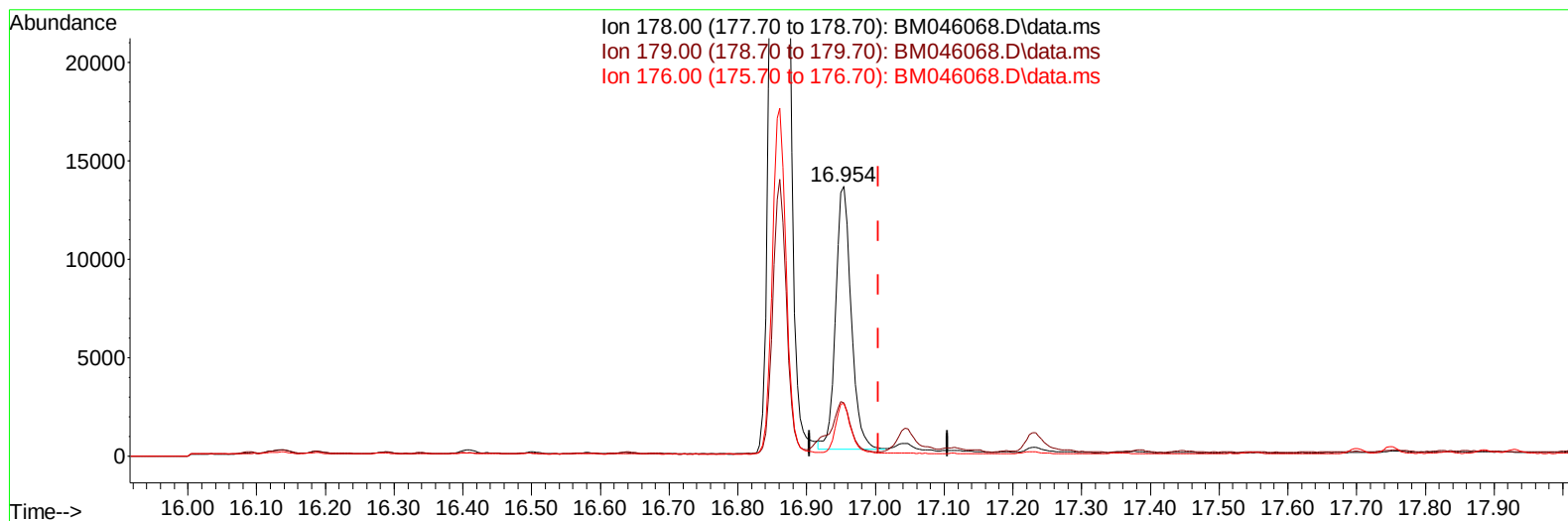
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 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: BM046068.D\data.ms

(16) Anthracene

16.954min (-0.051) 0.84 ng/ul m

response 20968

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	19.70
176.00	21.20	19.38
0.00	0.00	0.00

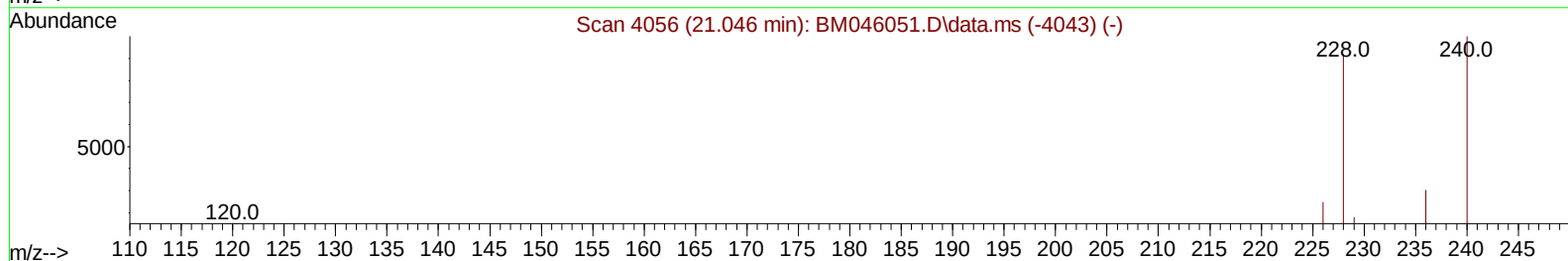
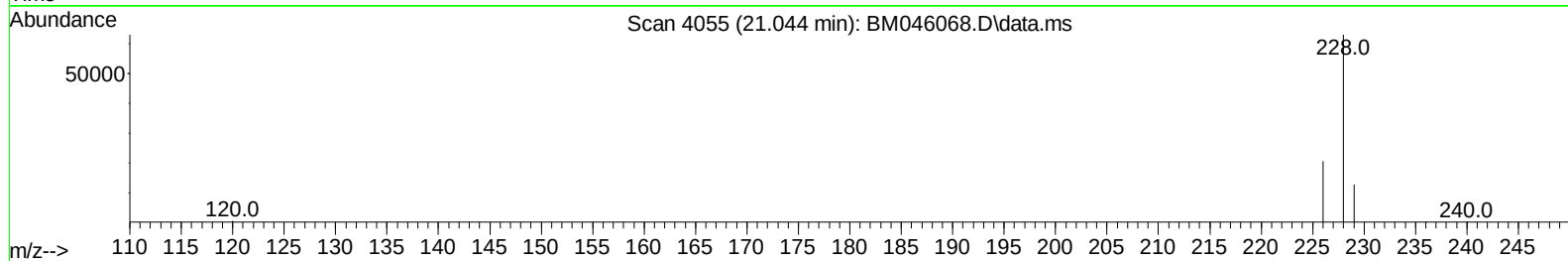
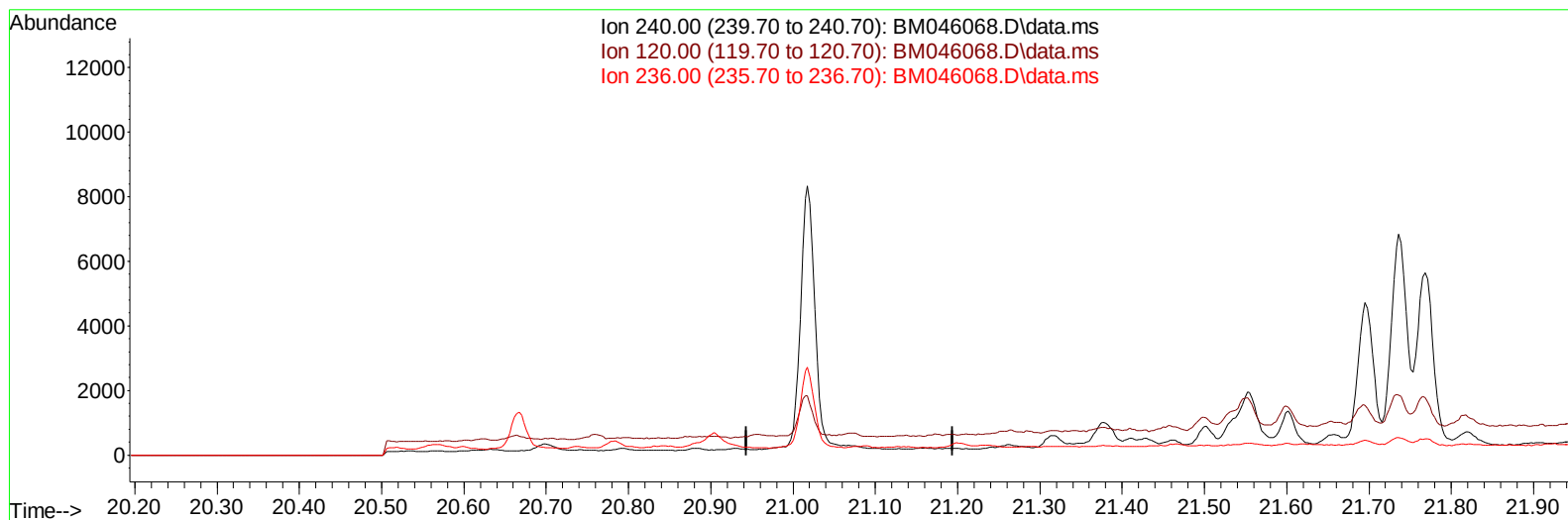
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046068.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

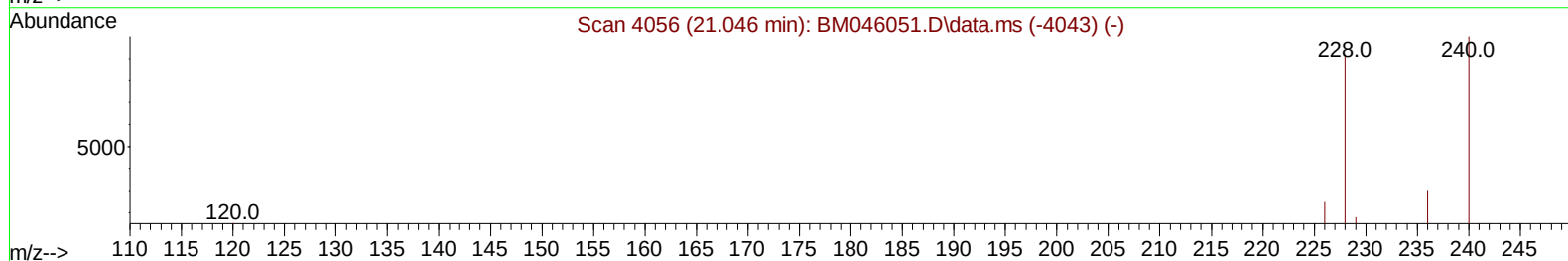
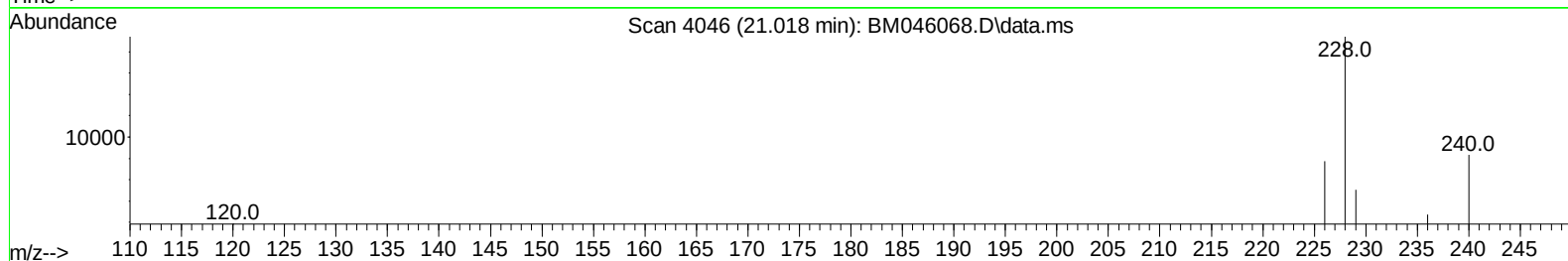
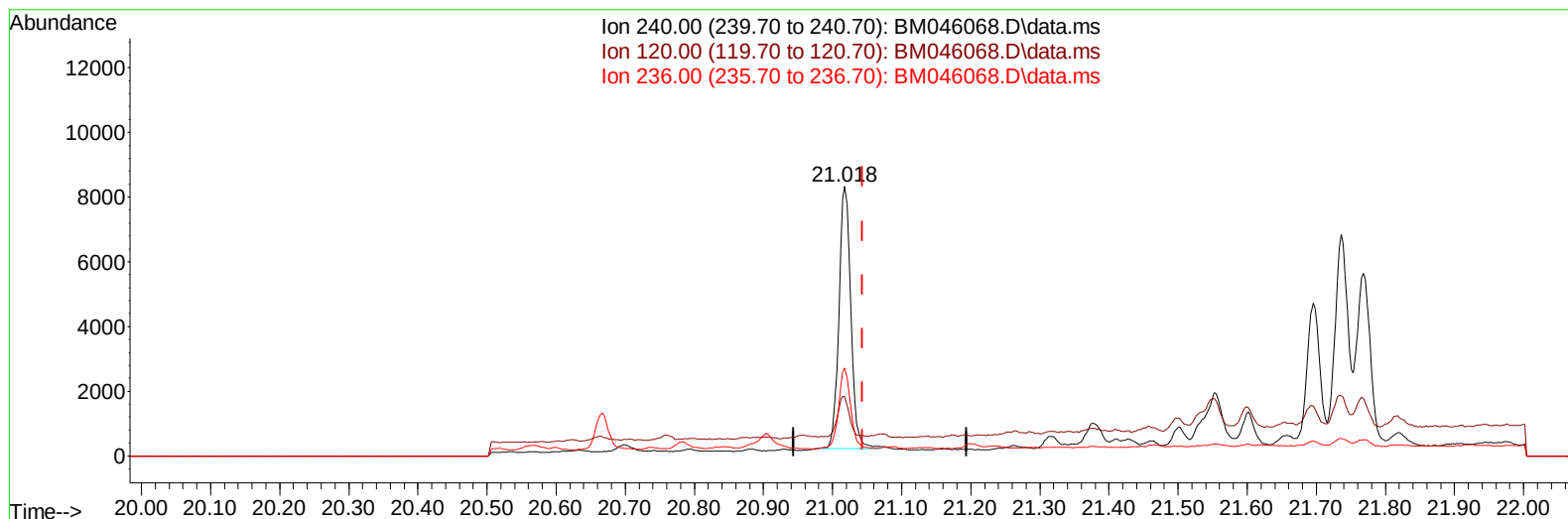
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 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: BM046068.D\data.ms

(17) Chrysene-d12

21.018min (-0.026) 0.40 ng/ul m

response 9714

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.08
236.00	33.60	32.60
0.00	0.00	0.00

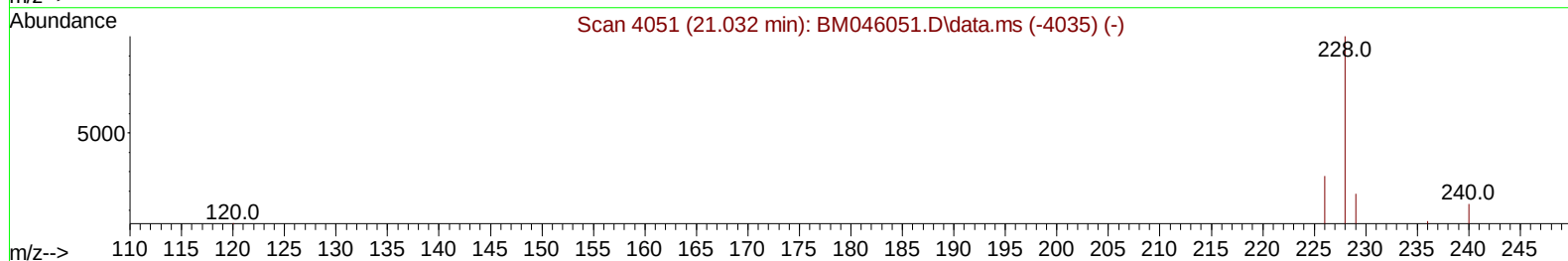
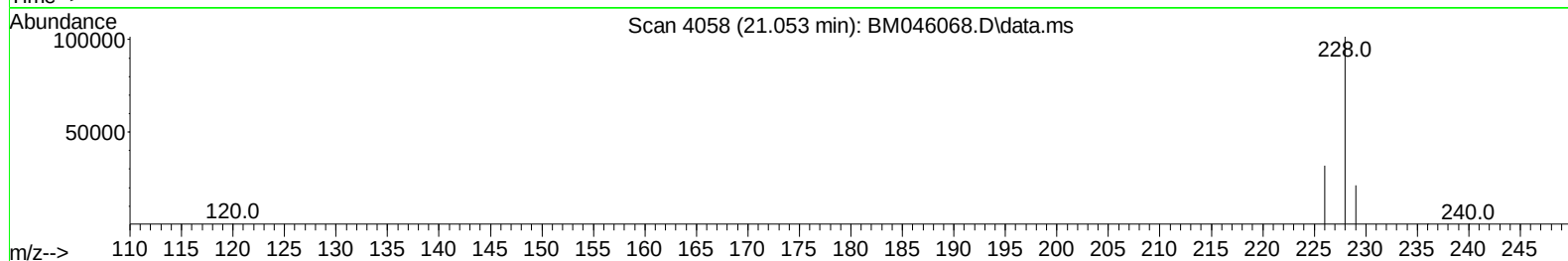
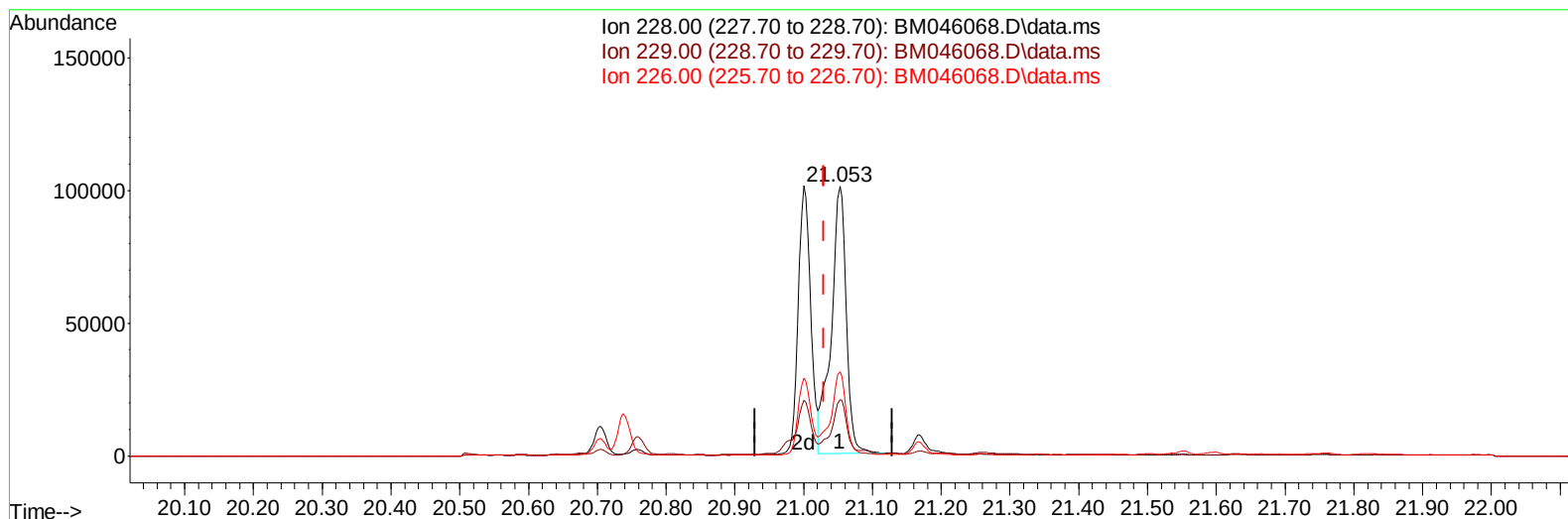
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 2024
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TIC: BM046068.D\data.ms

(21) Benzo(a)anthracene

21.053min (+ 0.023) 4.10 ng/u1

response 153884

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.92
226.00	29.30	31.27
0.00	0.00	0.00

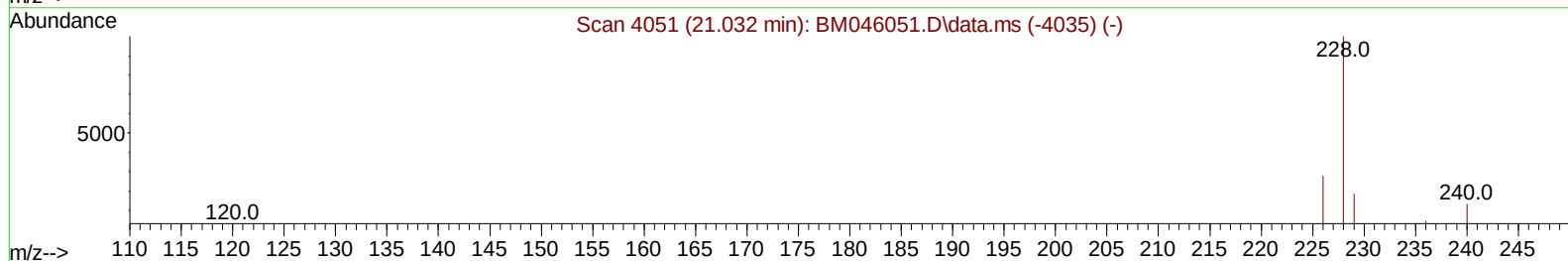
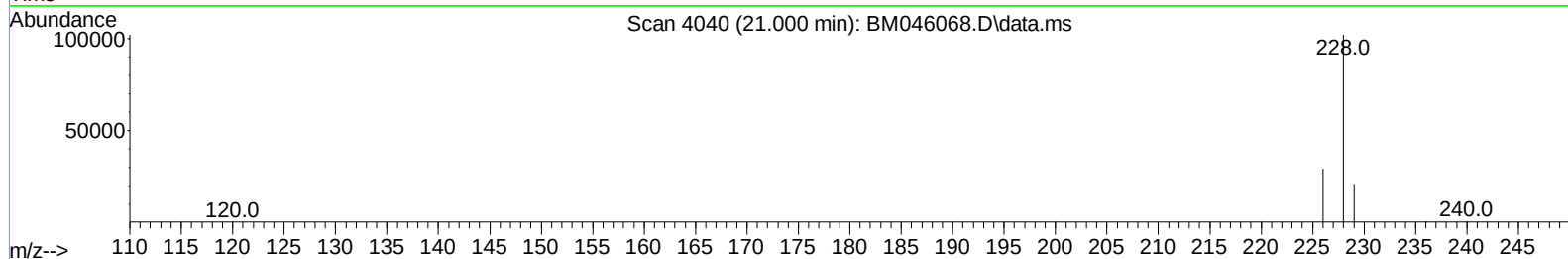
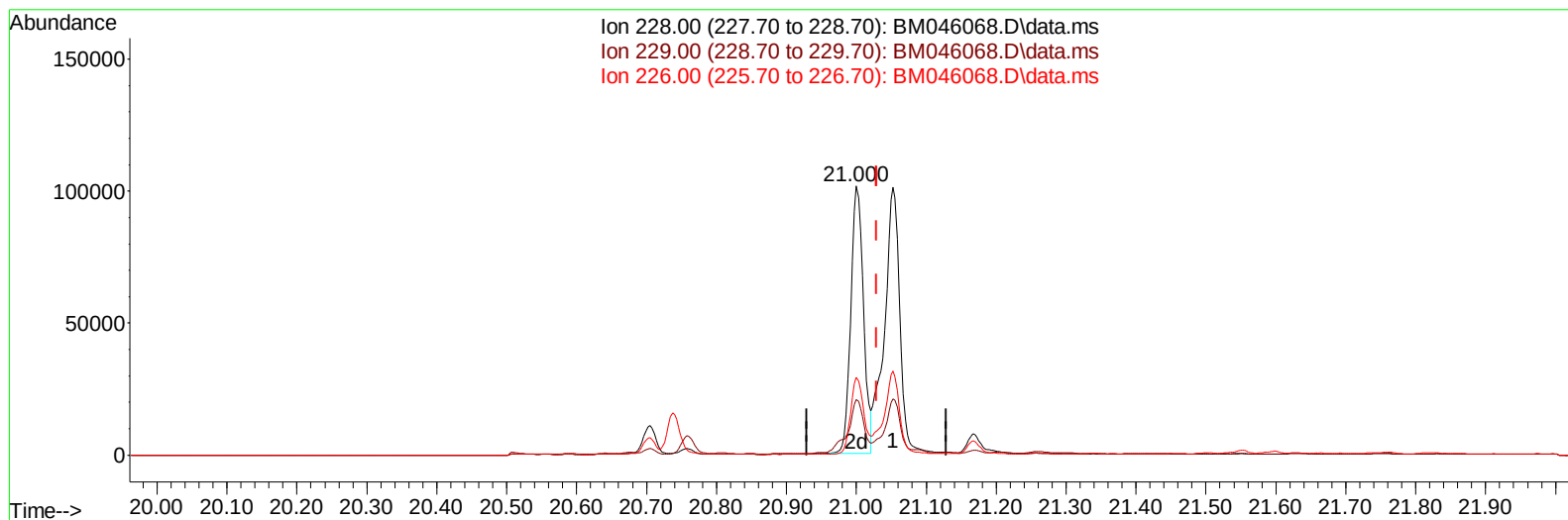
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:25:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046068.D\data.ms

(21) Benzo(a)anthracene

21.000min (-0.029) 3.40 ng/ul m

response 127585

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.64
226.00	29.30	28.90
0.00	0.00	0.00

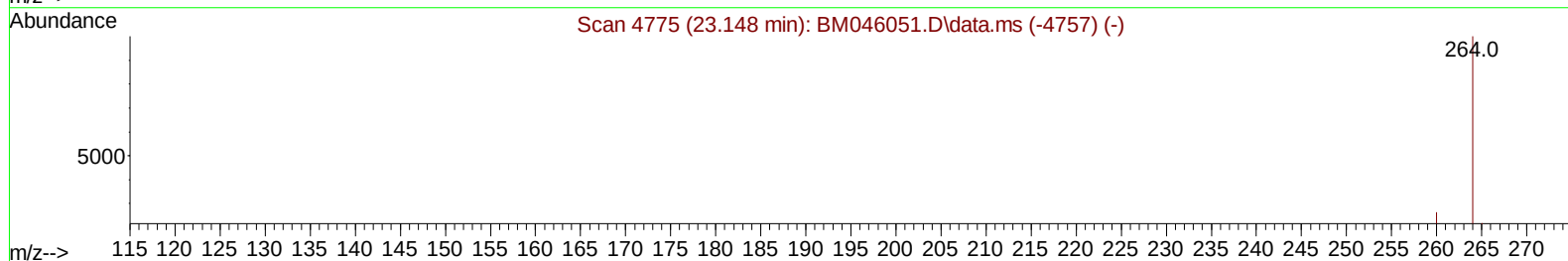
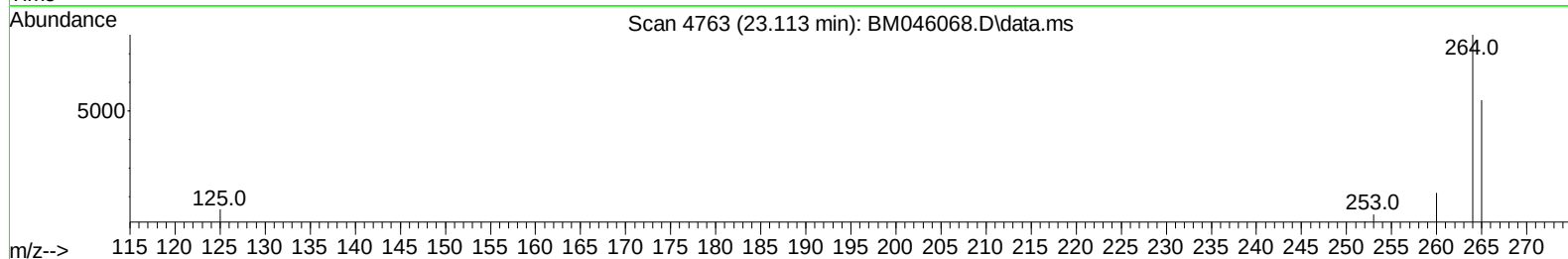
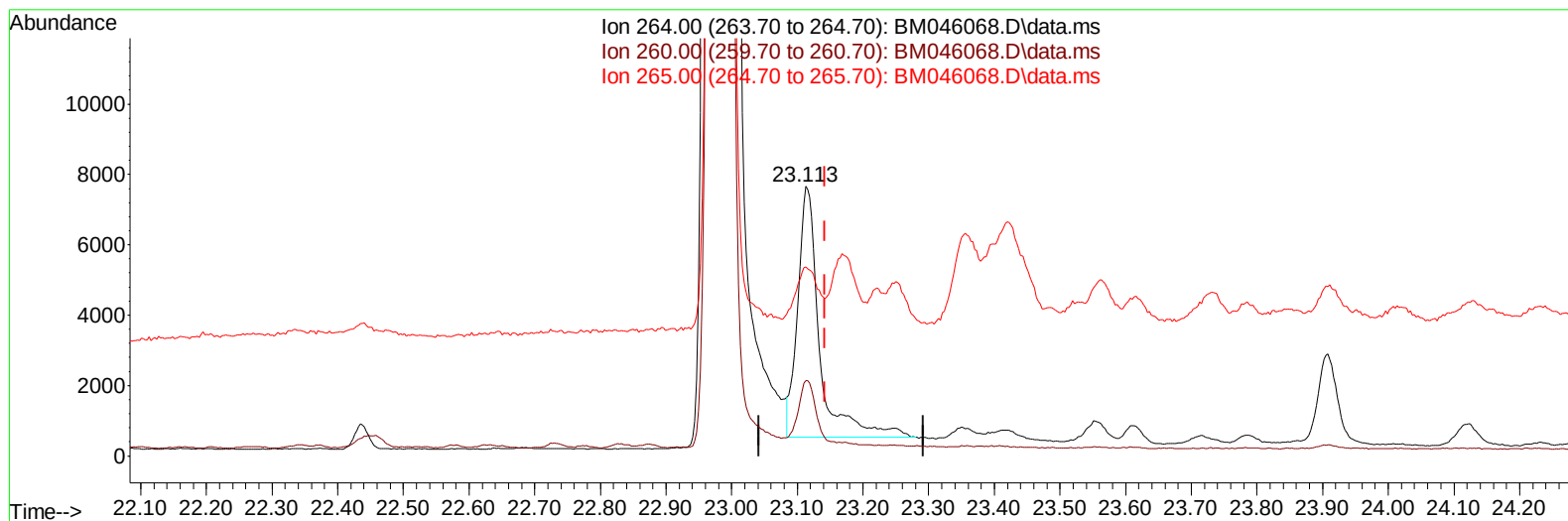
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

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TIC: BM046068.D\data.ms

(23) Perylene-d12 (I)

23.113min (-0.029) 0.40 ng/u1

response 16593

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.88
265.00	110.60	70.12#
0.00	0.00	0.00

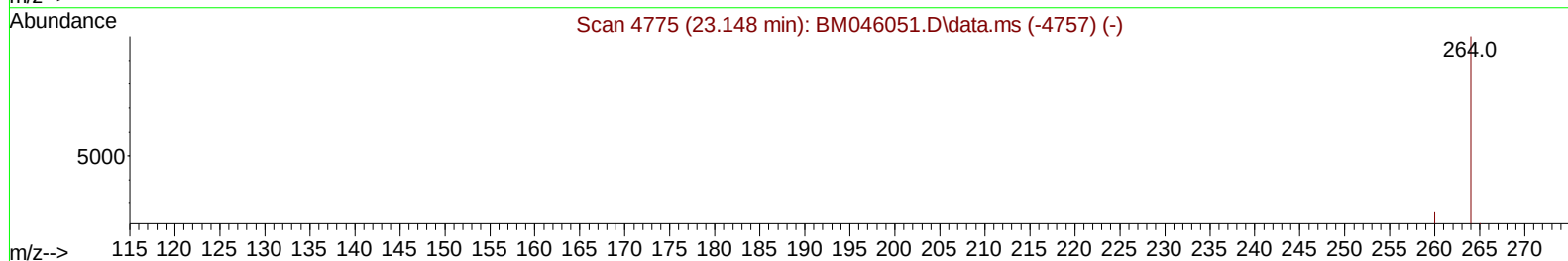
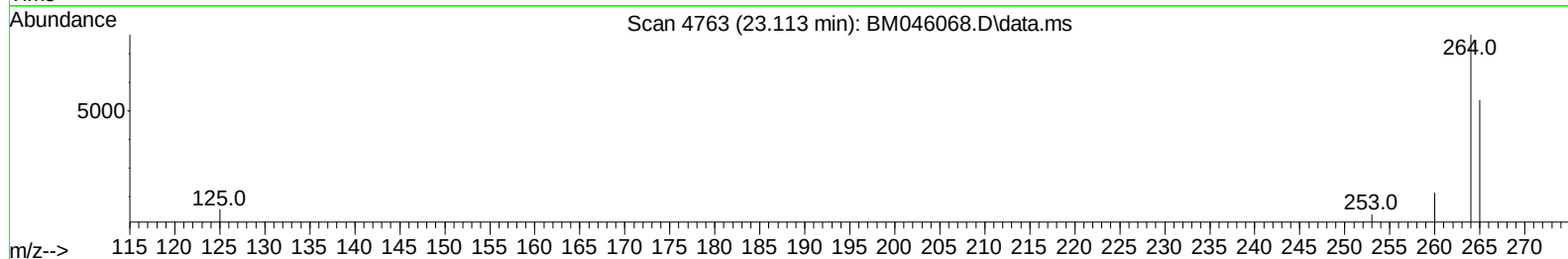
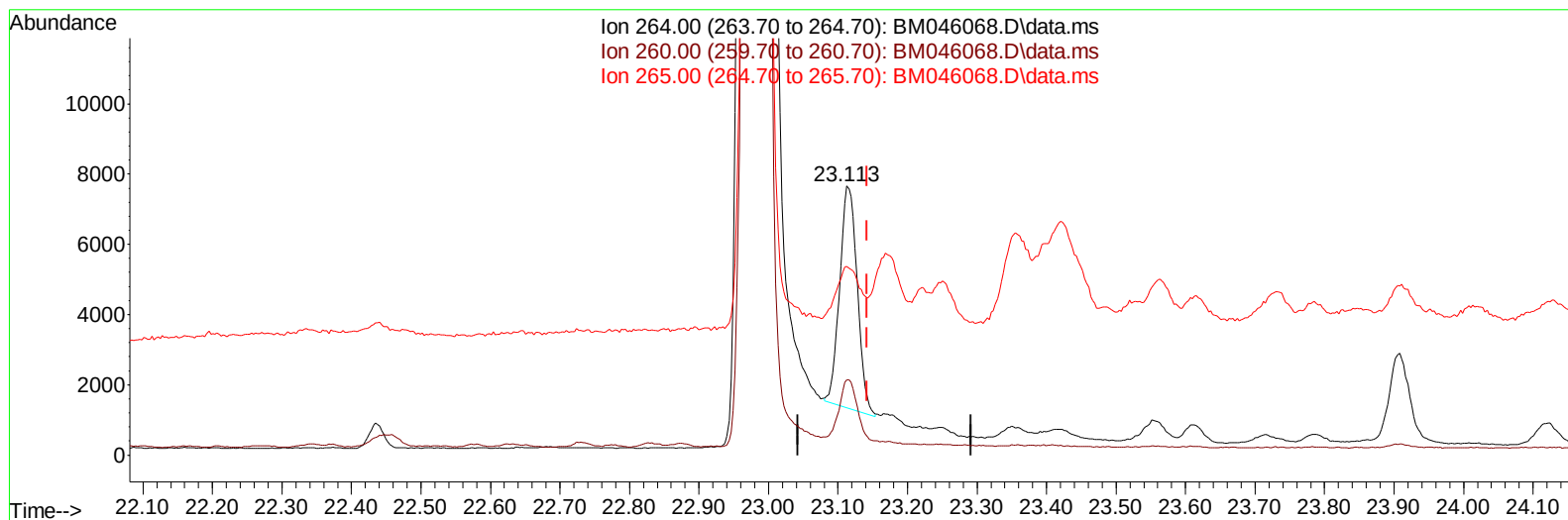
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

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TIC: BM046068.D\data.ms

(23) Perylene-d12 (I)

23.113min (-0.029) 0.40 ng/ul m

response 11024

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.88
265.00	110.60	70.12#
0.00	0.00	0.00

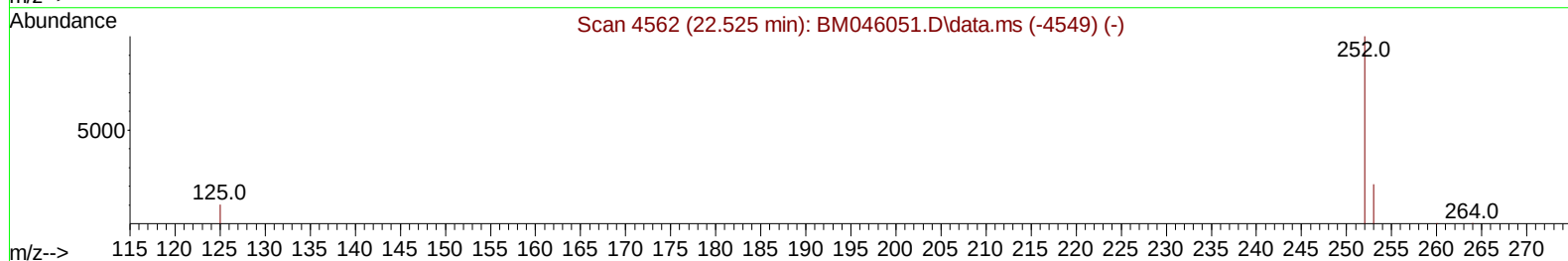
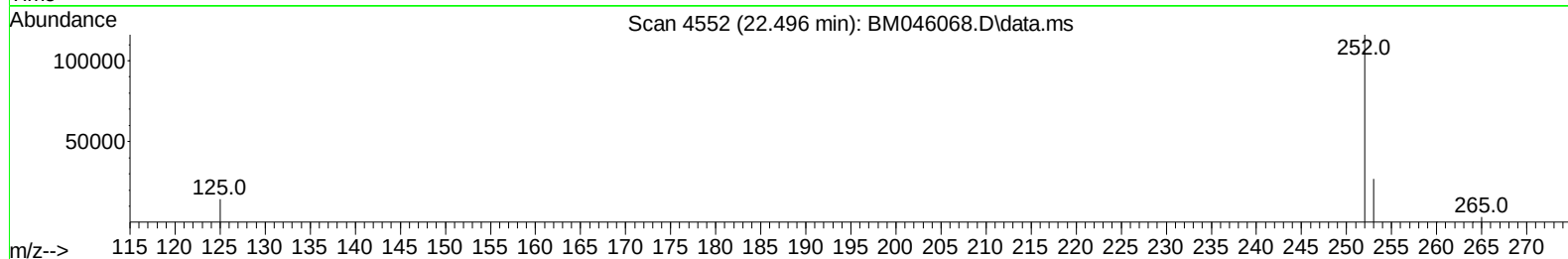
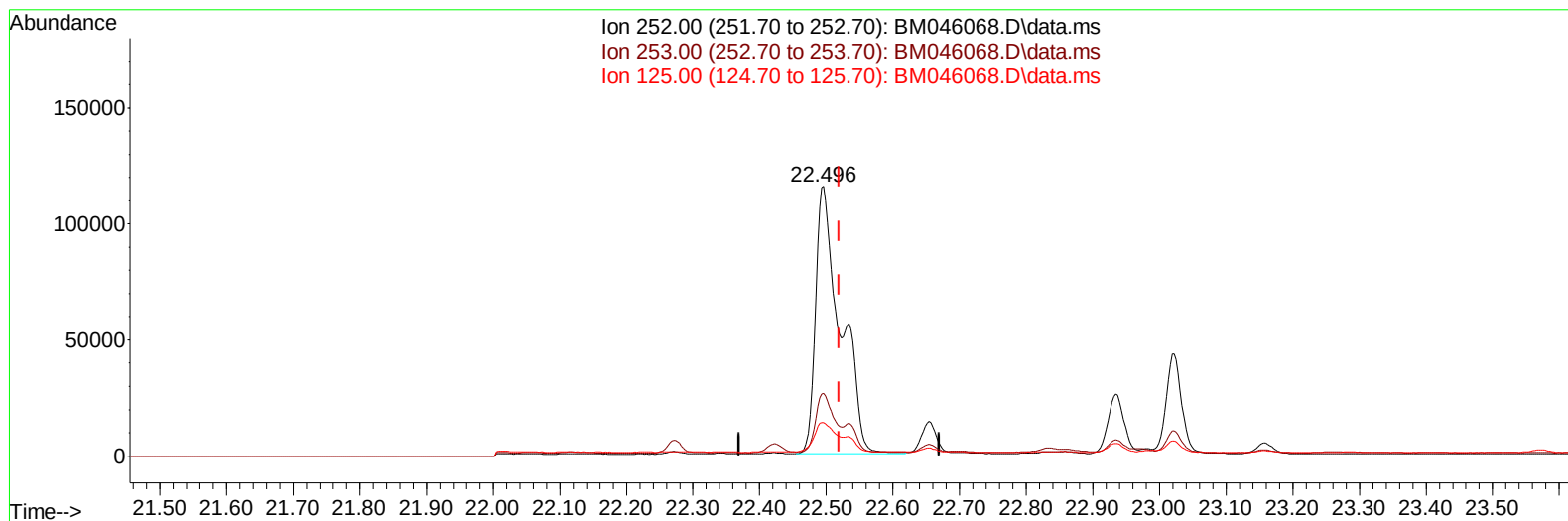
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

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TIC: BM046068.D\data.ms

(24) Benzo(b)fluoranthene

22.496min (-0.023) 7.61 ng/u1

response 302285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.26
125.00	20.10	12.48
0.00	0.00	0.00

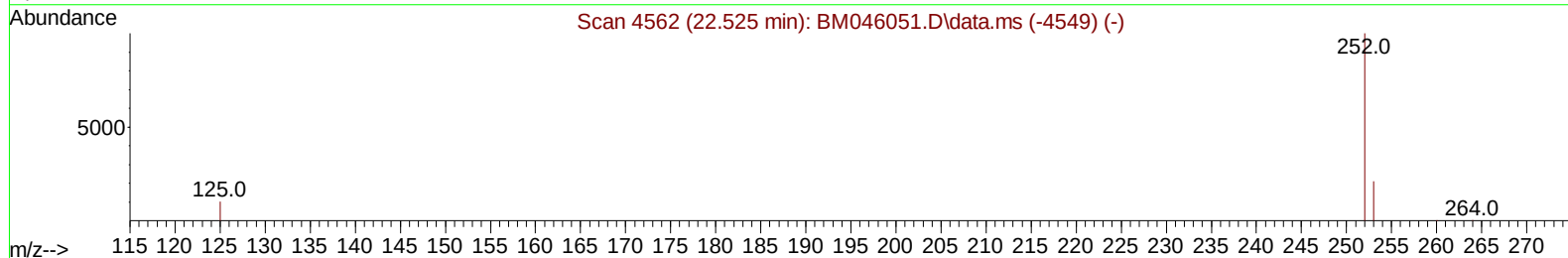
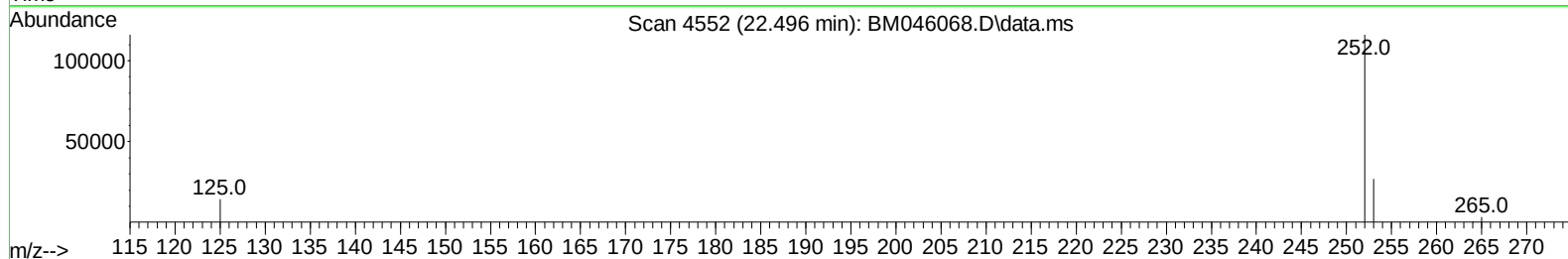
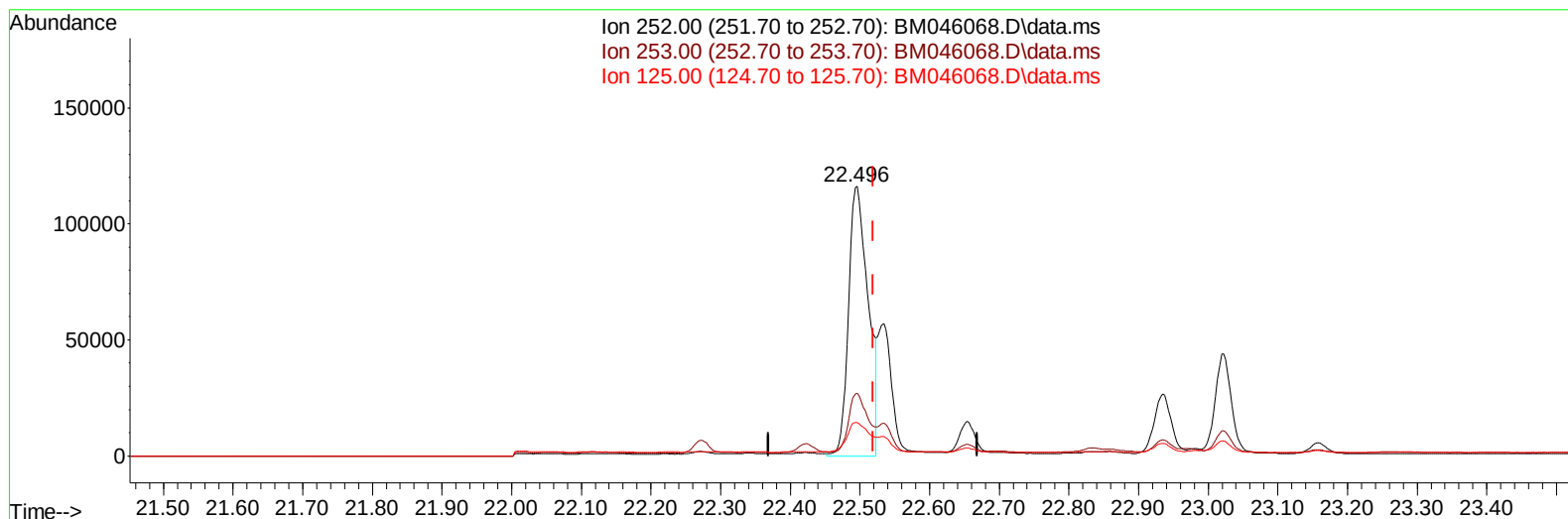
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Manual IntegrationsAPPROVED

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

Quant Time: Jun 19 08:25:21 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



TIC: BM046068.D\data.ms

(24) Benzo(b)fluoranthene

22.496min (-0.023) 5.70 ng/u1 m

response 226401

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.26
125.00	20.10	12.48
0.00	0.00	0.00

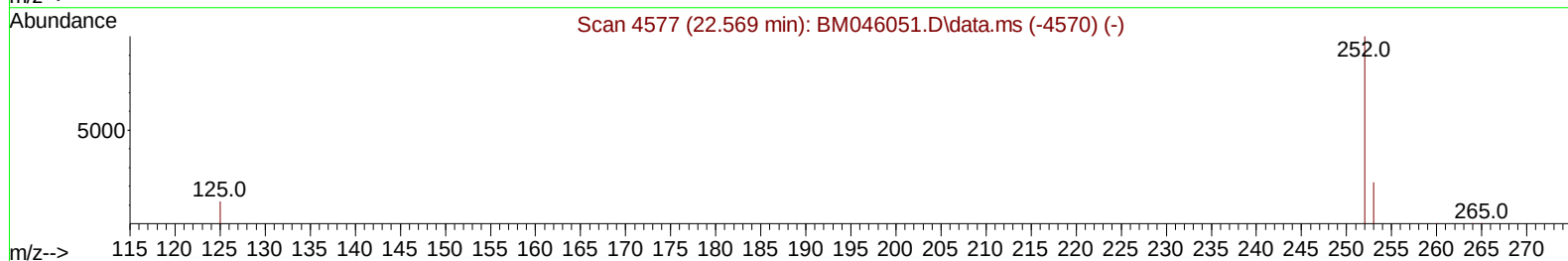
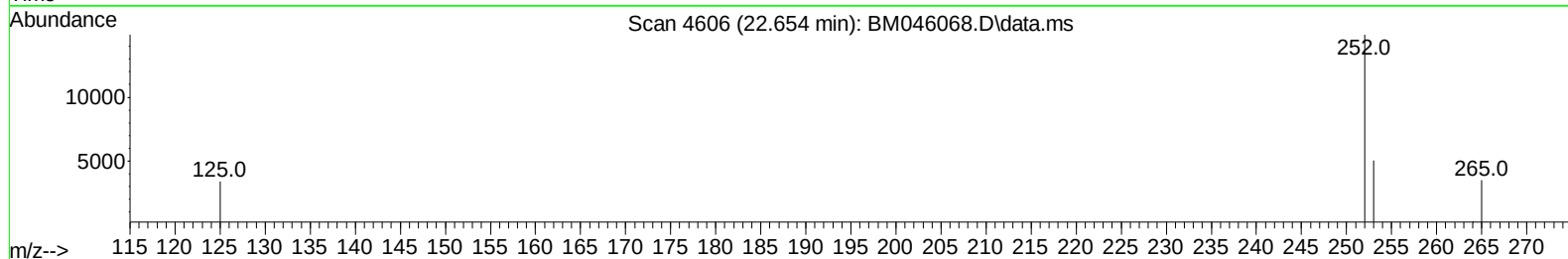
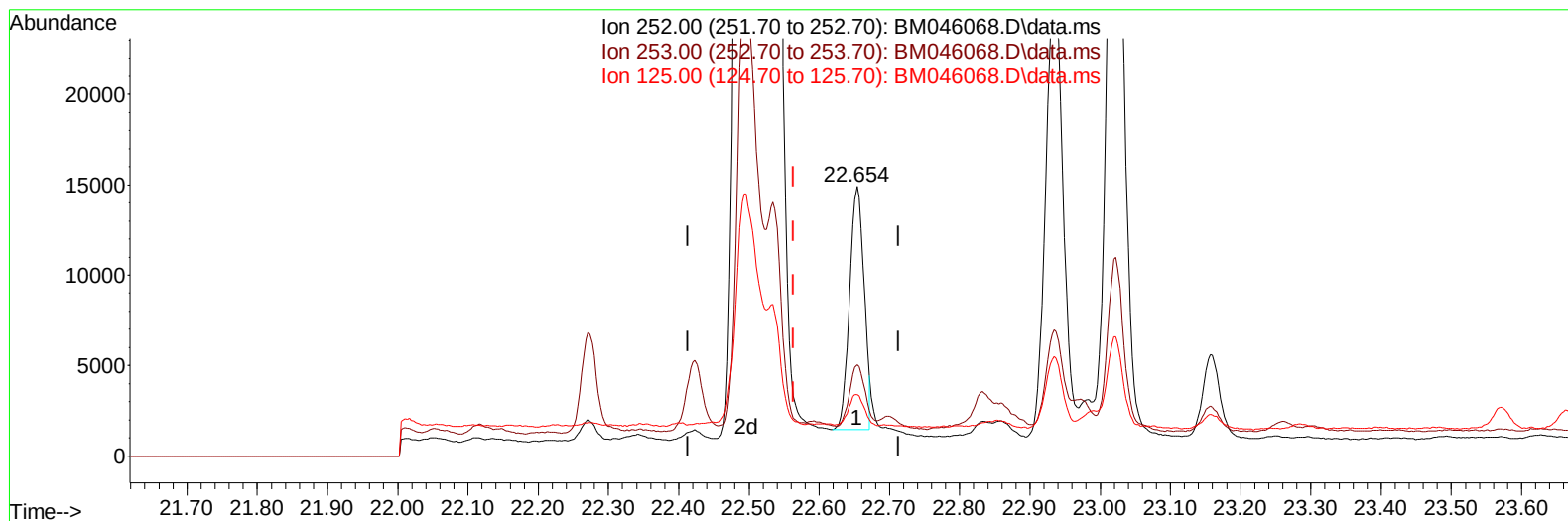
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046068.D
 Acq On : 19 Jun 2024 02:06
 Operator : MA/JU
 Sample : P2695-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BM046068.D\data.ms

(25) Benzo(k)fluoranthene

22.654min (+ 0.091) 0.41 ng/u1

response 19357

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.87
125.00	20.80	22.82
0.00	0.00	0.00

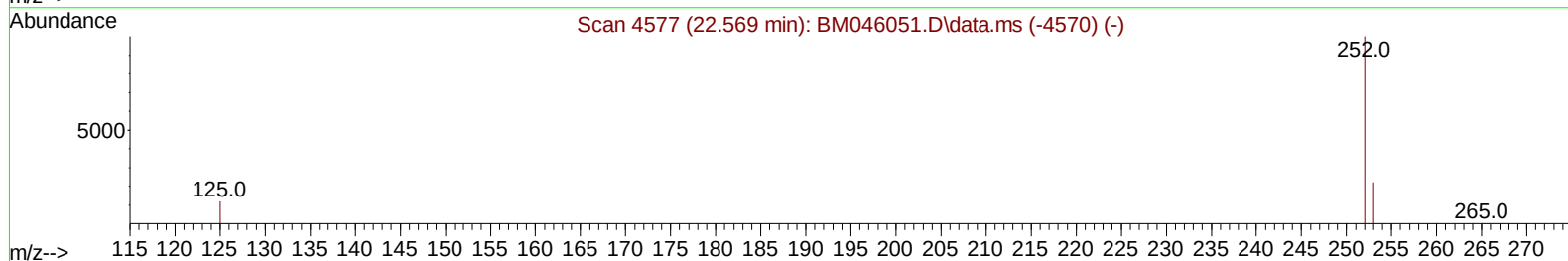
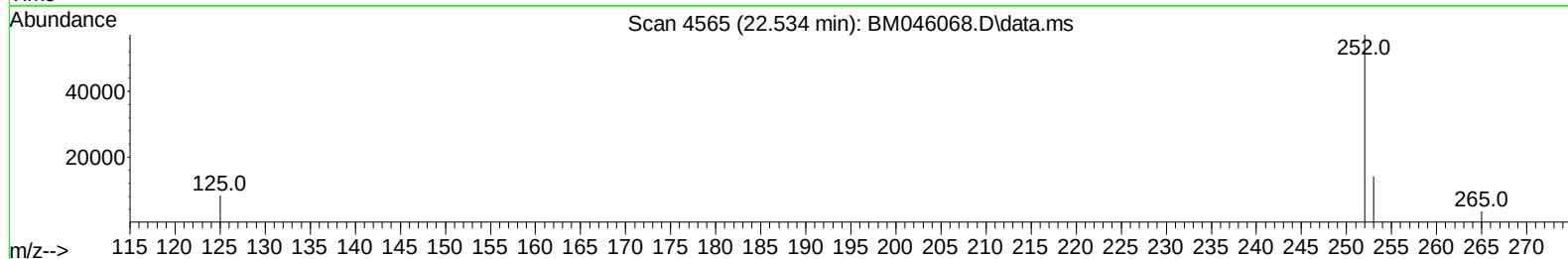
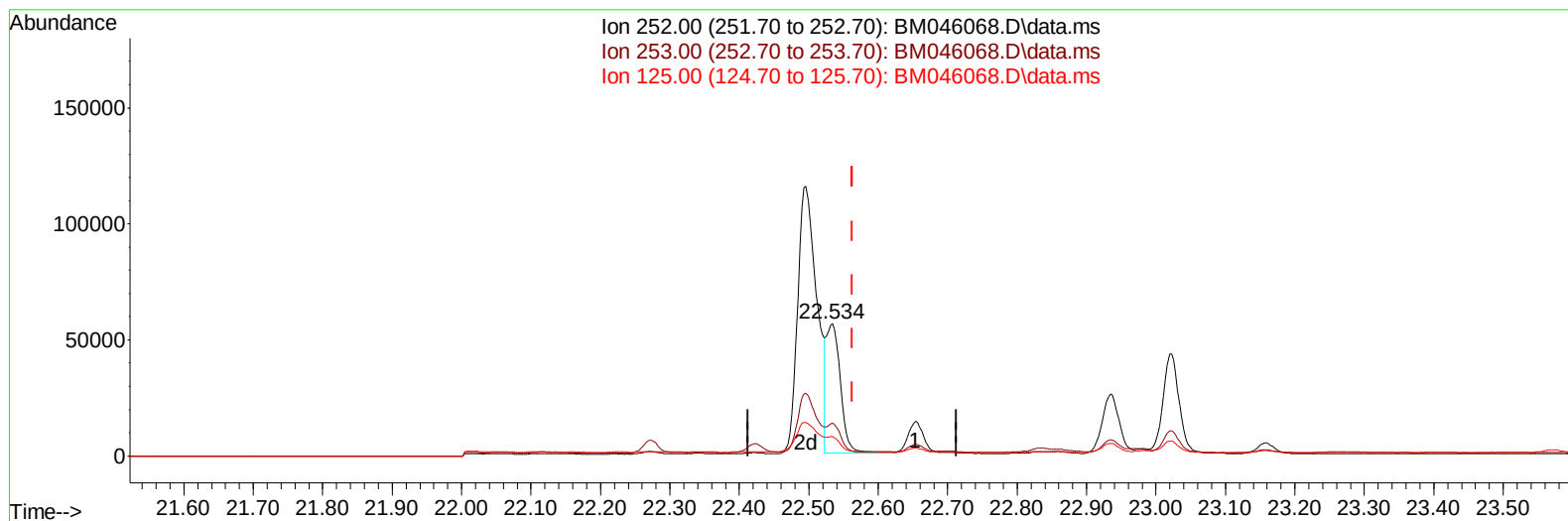
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046068.D
 Acq On : 19 Jun 2024 02:06
 Operator : MA/JU
 Sample : P2695-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3

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Quant Time: Jun 19 08:25:21 2024
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TIC: BM046068.D\data.ms

(25) Benzo(k)fluoranthene

22.534min (-0.029) 1.64 ng/ul m

response 77397

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.53#
125.00	20.80	14.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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 Sample : P2695-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	3735	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.198	136	10434	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.080	164	5576	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.819	188	11955m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.018	240	9714m	0.400	ng/ul	-0.03
23) Perylene-d12	23.113	264	11024m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	28346	5.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	5766	0.412	ng/ul	-0.04
18) Fluoranthene-d10	18.852	212	13279	0.456	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.248	128	4617	0.159	ng/ul	99
7) 2-Methylnaphthalene	11.892	142	1359	0.083	ng/ul	95
8) 1-Methylnaphthalene	12.112	142	1011	0.056	ng/ul	100
10) Acenaphthylene	13.793	152	7856	0.297	ng/ul	99
11) Acenaphthene	14.140	153	4429	0.232	ng/ul	99
12) Fluorene	15.134	166	5432	0.265	ng/ul	98
15) Phenanthrene	16.861	178	126513m	3.767	ng/ul	
16) Anthracene	16.954	178	20968m	0.838	ng/ul	
19) Fluoranthene	18.885	202	303347	7.212	ng/ul	96
20) Pyrene	19.247	202	197820	4.349	ng/ul	97
21) Benzo(a)anthracene	21.000	228	127585m	3.400	ng/ul	
22) Chrysene	21.053	228	154582	3.228	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	226401m	5.700	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	77397m	1.639	ng/ul	
26) Benzo(a)pyrene	23.022	252	69403	1.886	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.162	276	78173	1.298	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.165	278	25633	0.572	ng/ul	97
29) Benzo(g,h,i)perylene	25.789	276	11409	0.221	ng/ul	91

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

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