

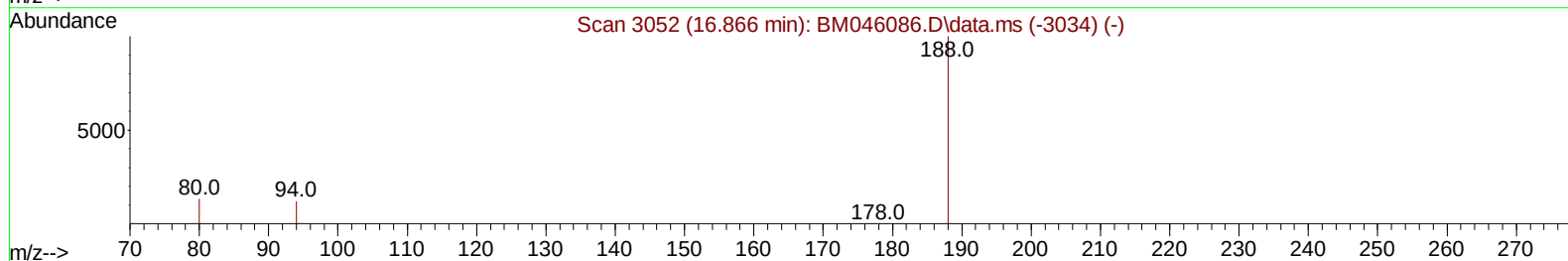
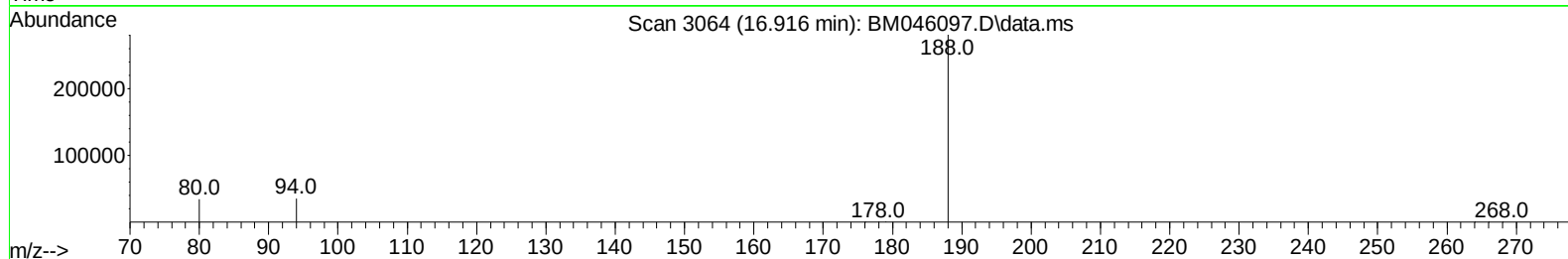
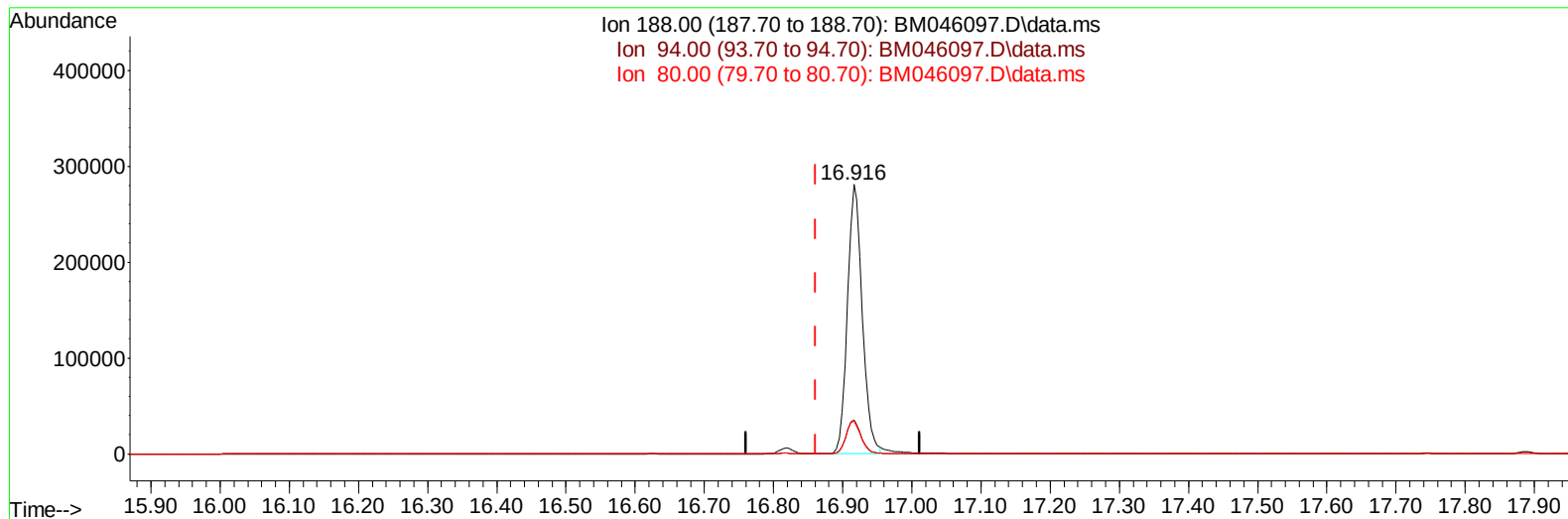
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 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 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046097.D\data.ms

(13) Phenanthrene-d10 (I)

16.916min (+ 0.055) 0.40 ng/u1

response 417877

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.66
80.00	15.20	12.19
0.00	0.00	0.00

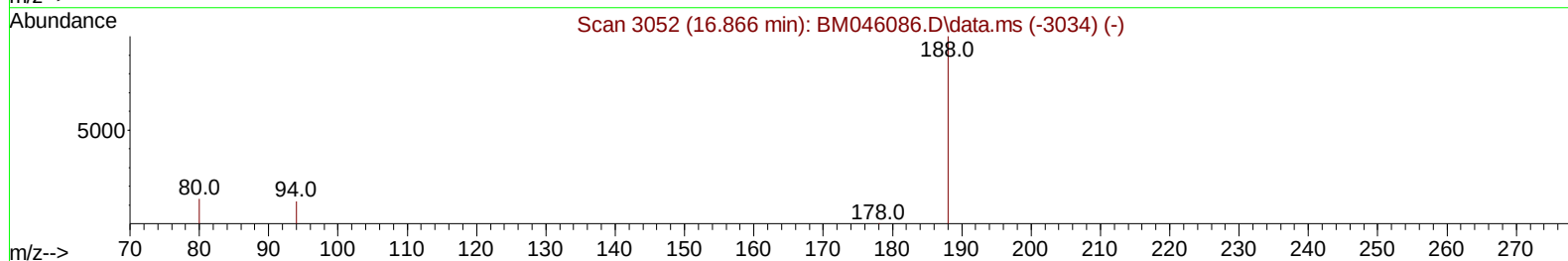
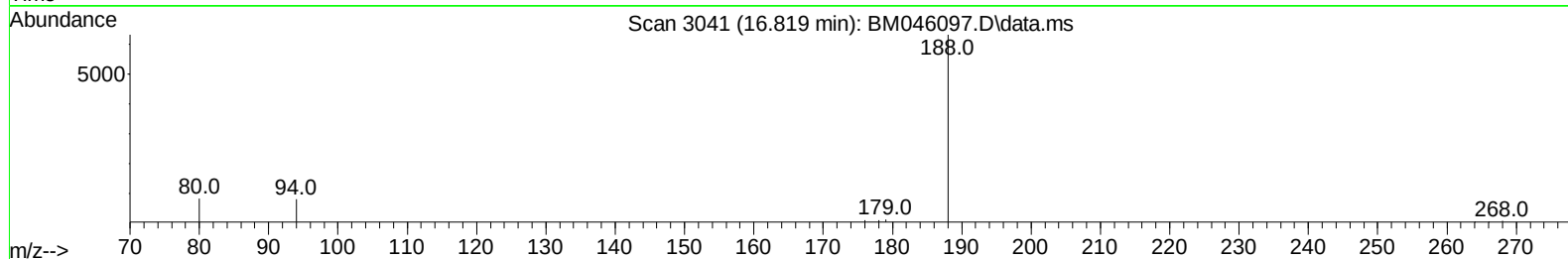
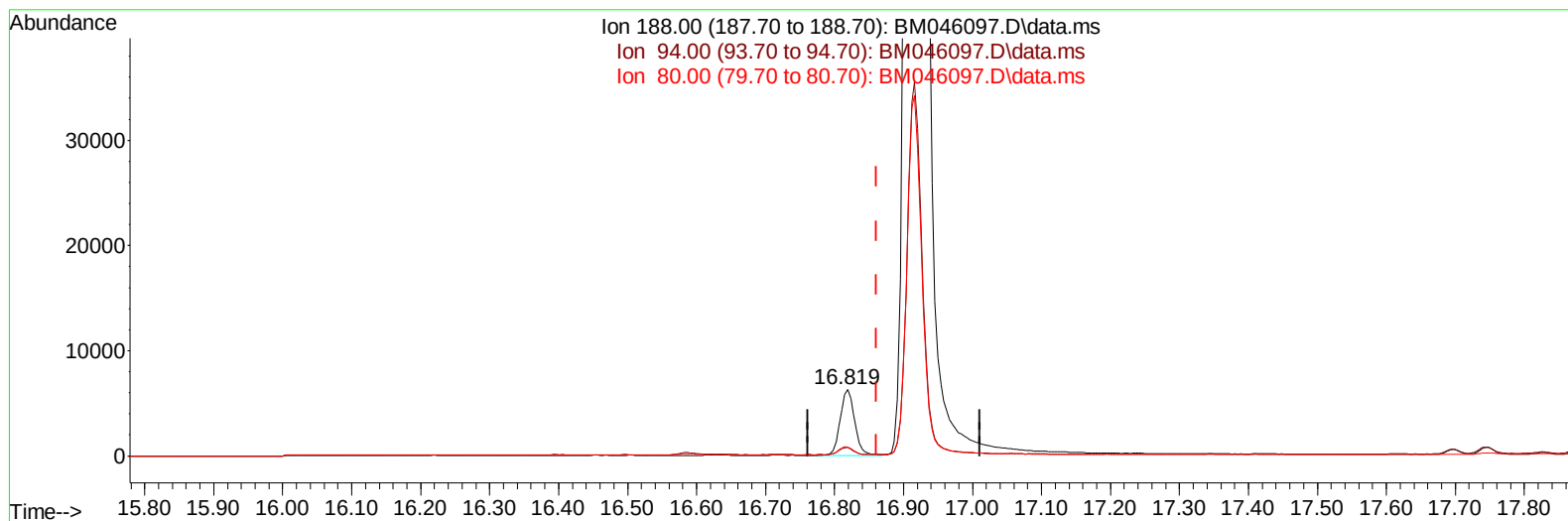
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 2024
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TIC: BM046097.D\data.ms

(13) Phenanthrene-d10 (I)

16.819min (-0.042) 0.40 ng/ul m

response 9050

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.79
80.00	15.20	13.43
0.00	0.00	0.00

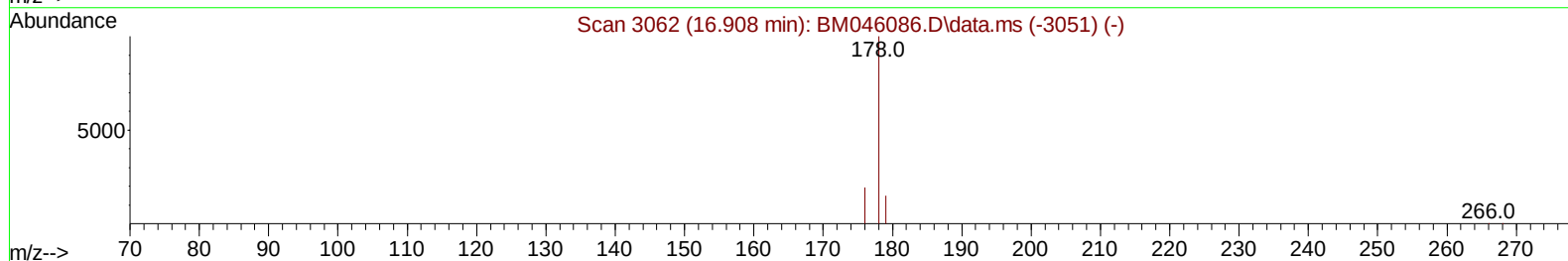
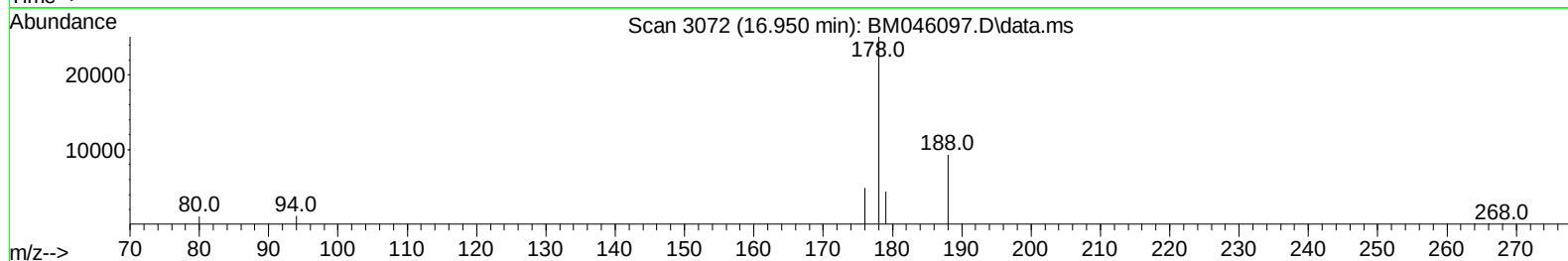
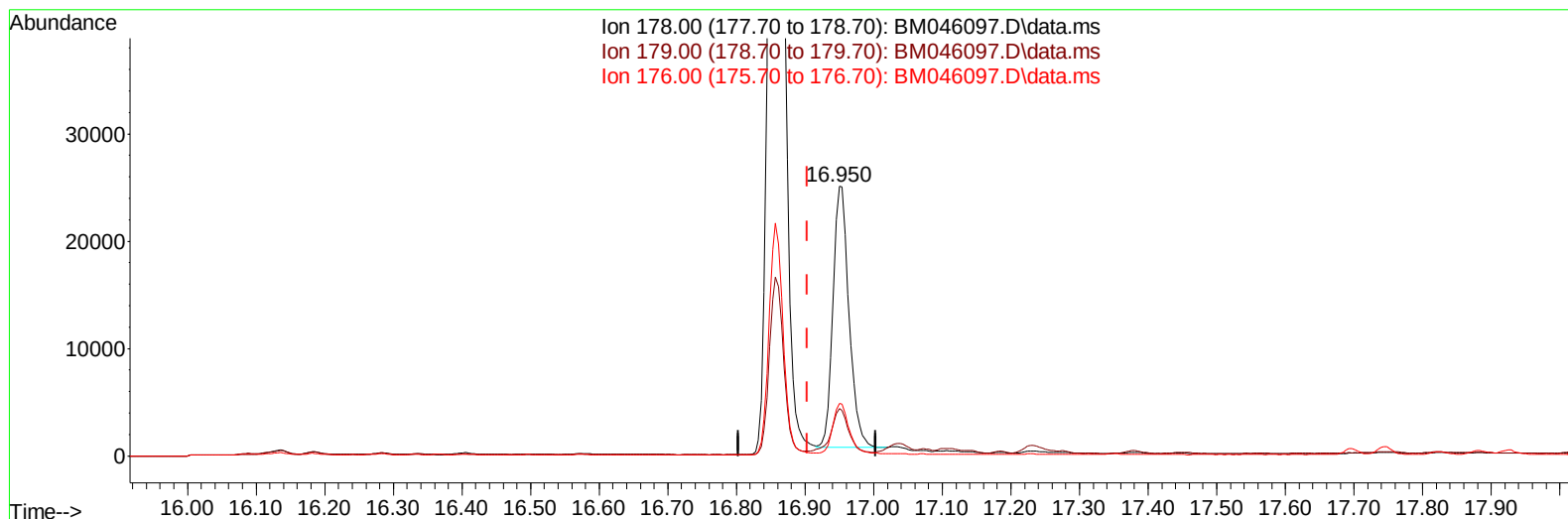
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

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TIC: BM046097.D\data.ms

(15) Phenanthrene

16.950min (+ 0.046) 1.56 ng/u1

response 39688

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	17.50
176.00	21.40	19.36
0.00	0.00	0.00

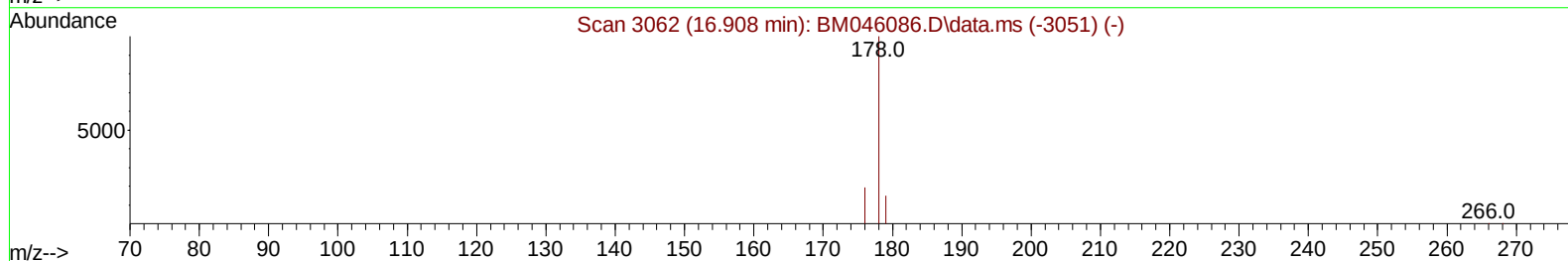
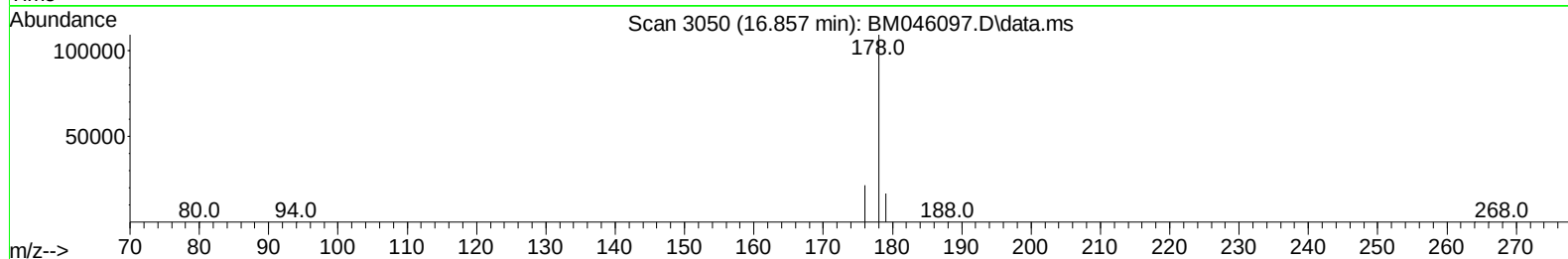
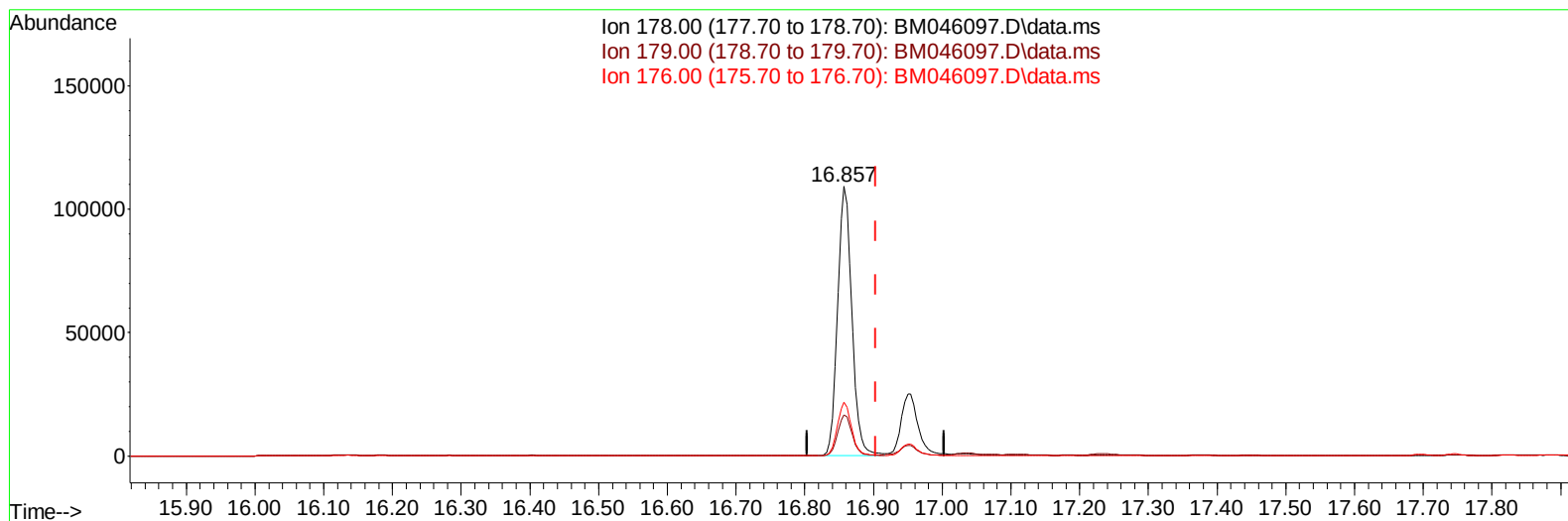
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046097.D\data.ms

(15) Phenanthrene

16.857min (-0.047) 6.20 ng/ul m

response 157603

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.28
176.00	21.40	19.87
0.00	0.00	0.00

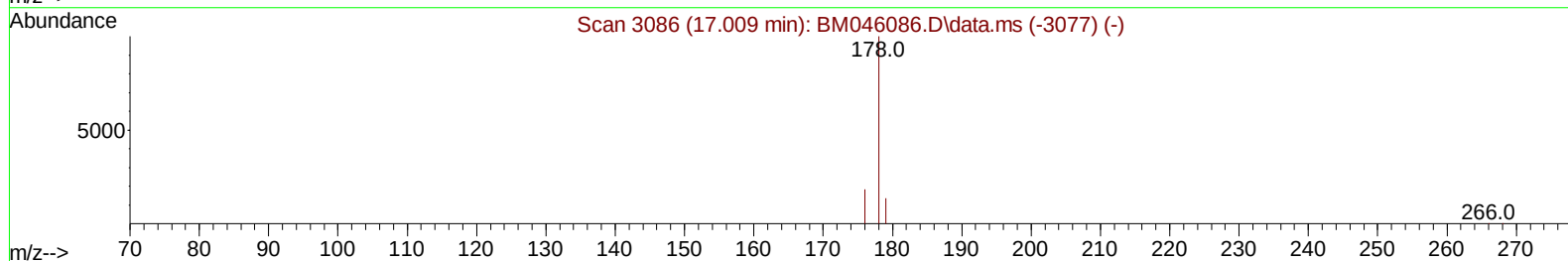
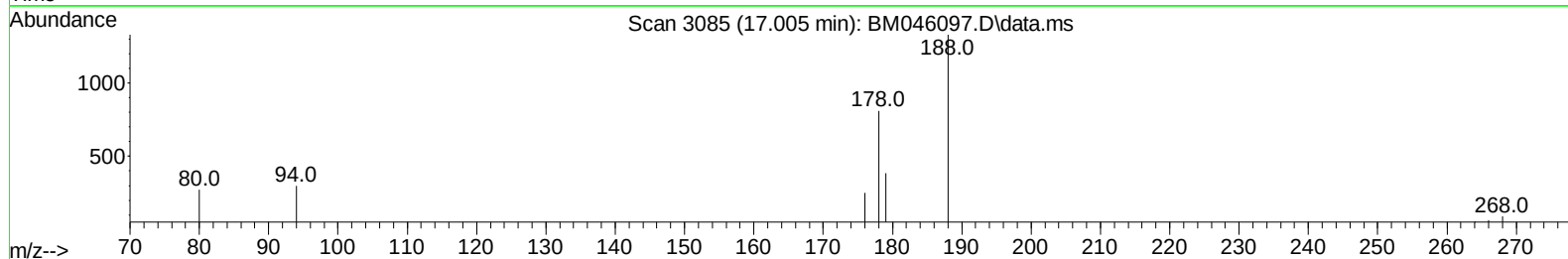
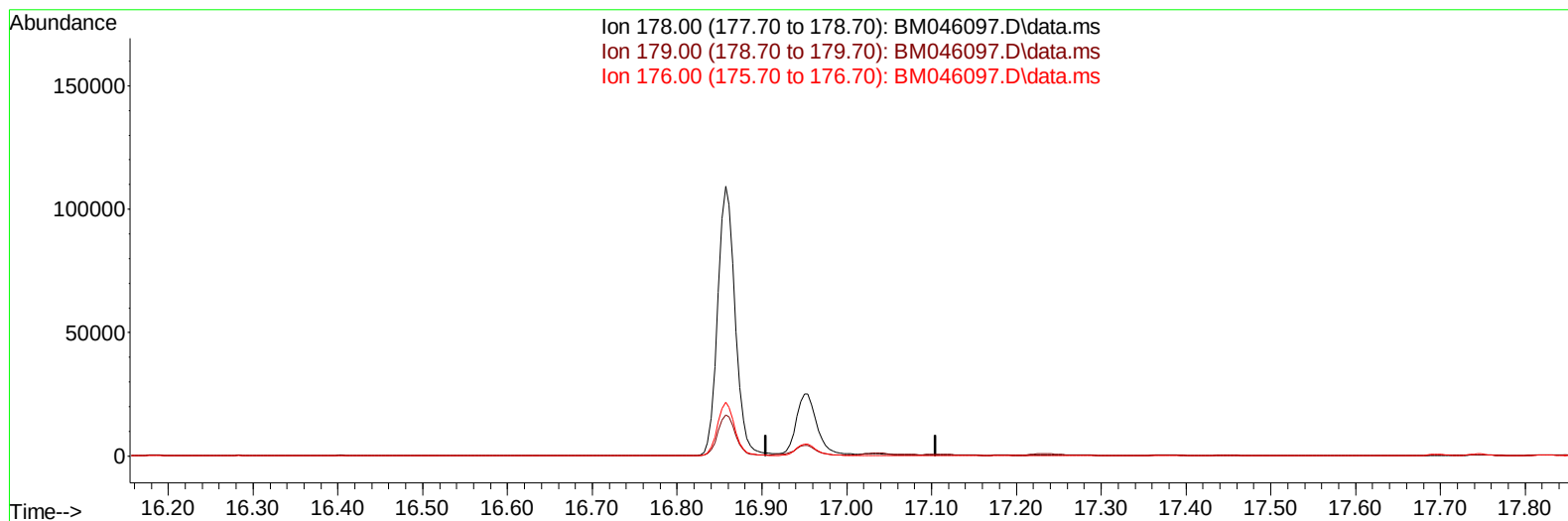
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

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TIC: BM046097.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

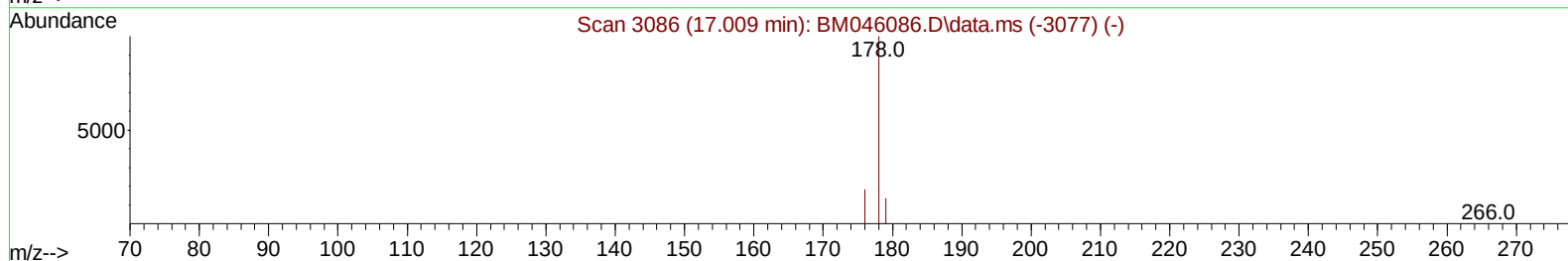
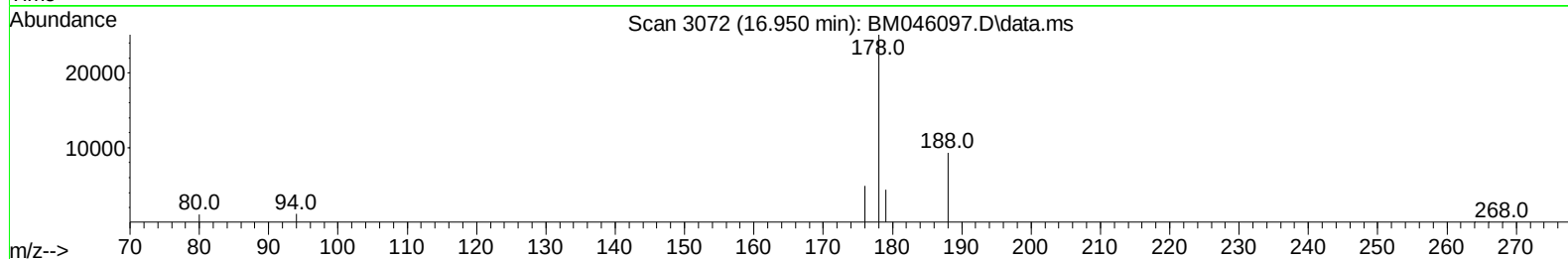
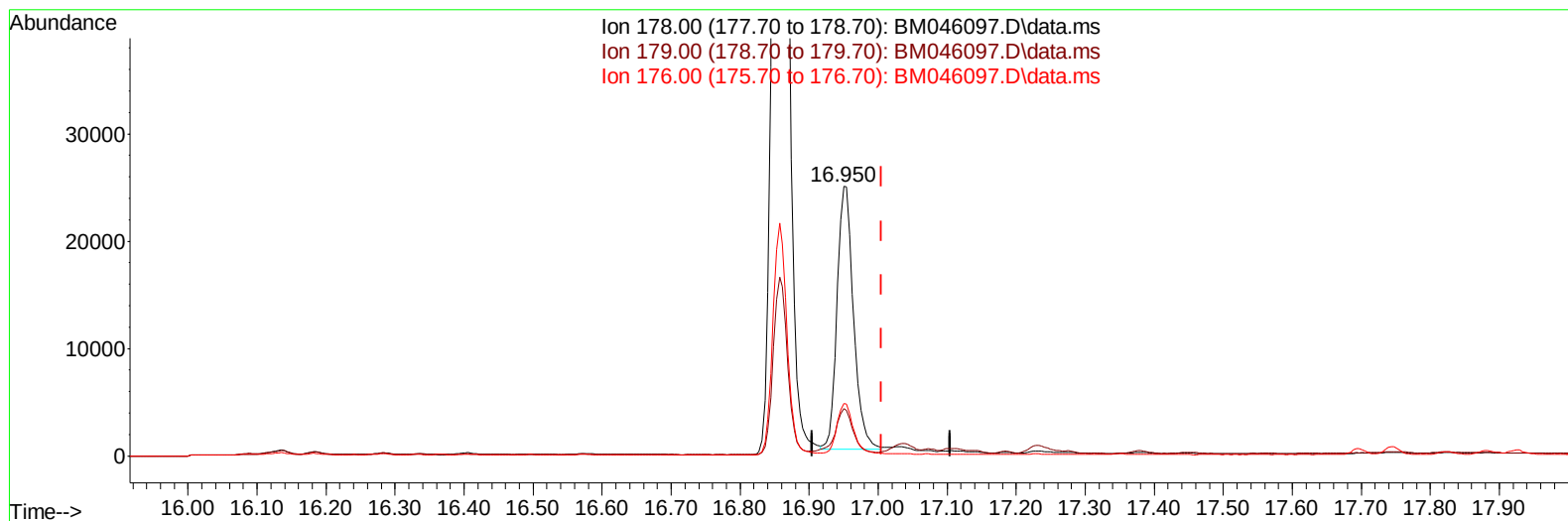
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 2024
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TIC: BM046097.D\data.ms

(16) Anthracene

16.950min (-0.055) 2.13 ng/ul m

response 40384

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	17.50
176.00	21.20	19.36
0.00	0.00	0.00

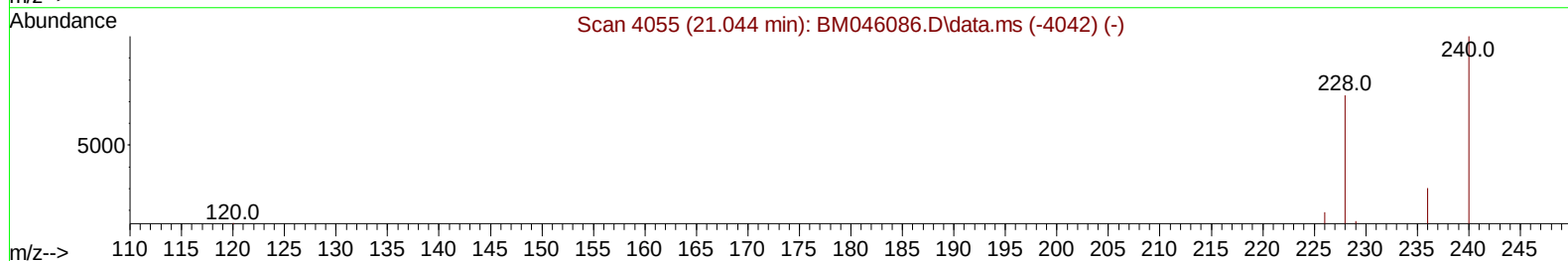
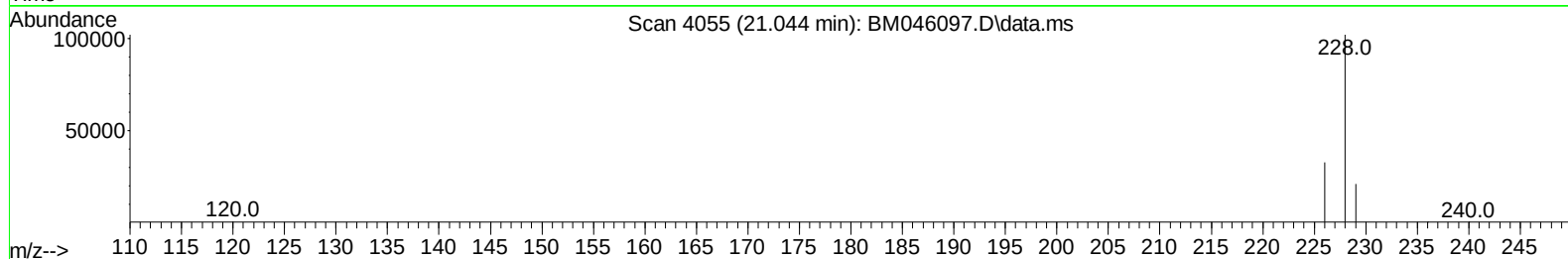
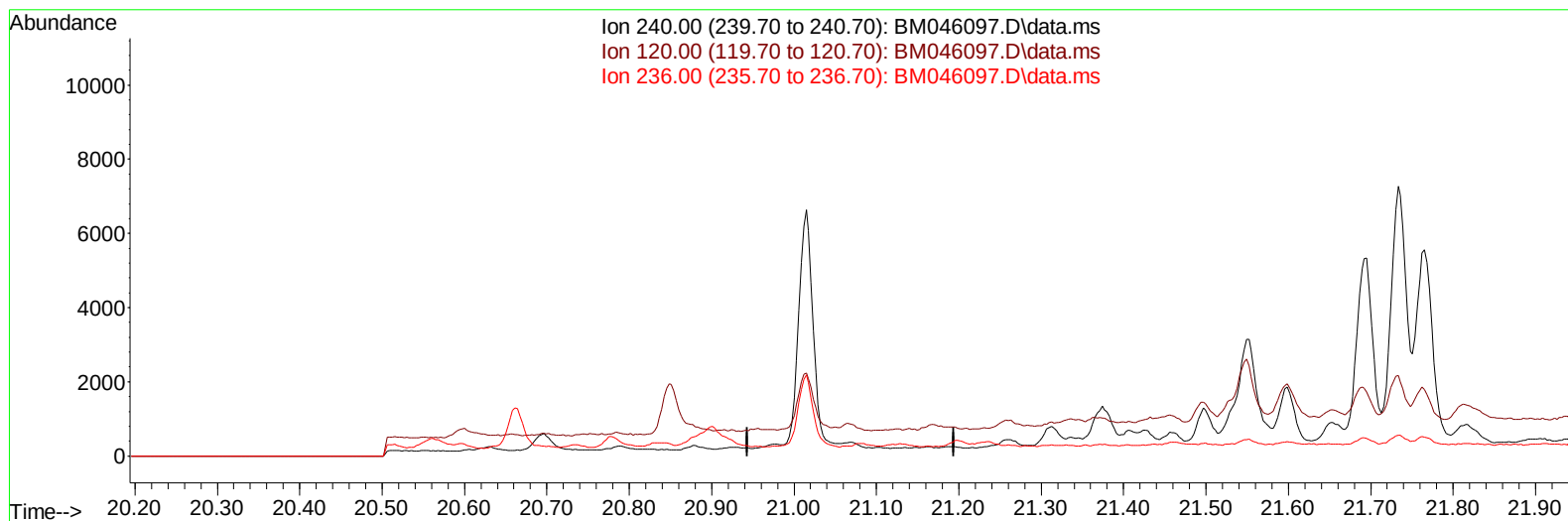
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 2024
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TIC: BM046097.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

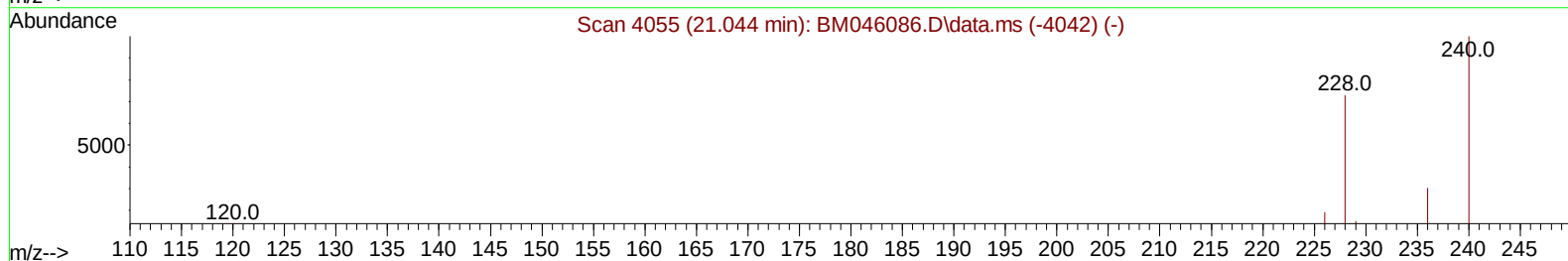
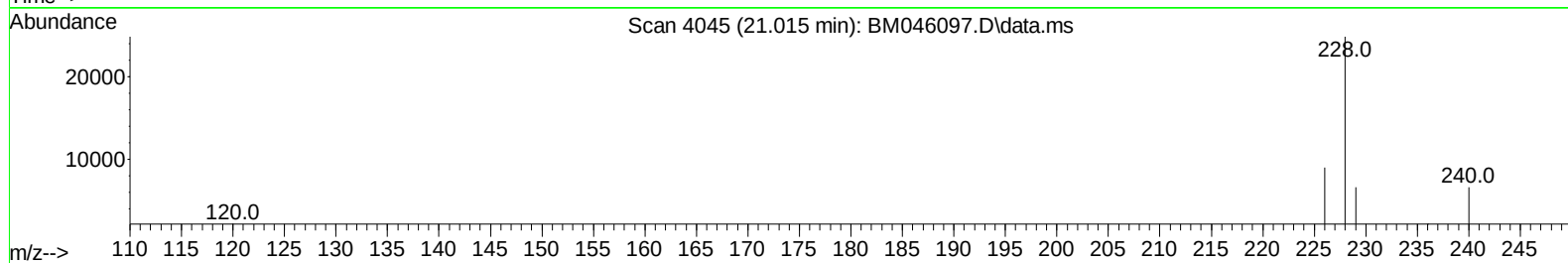
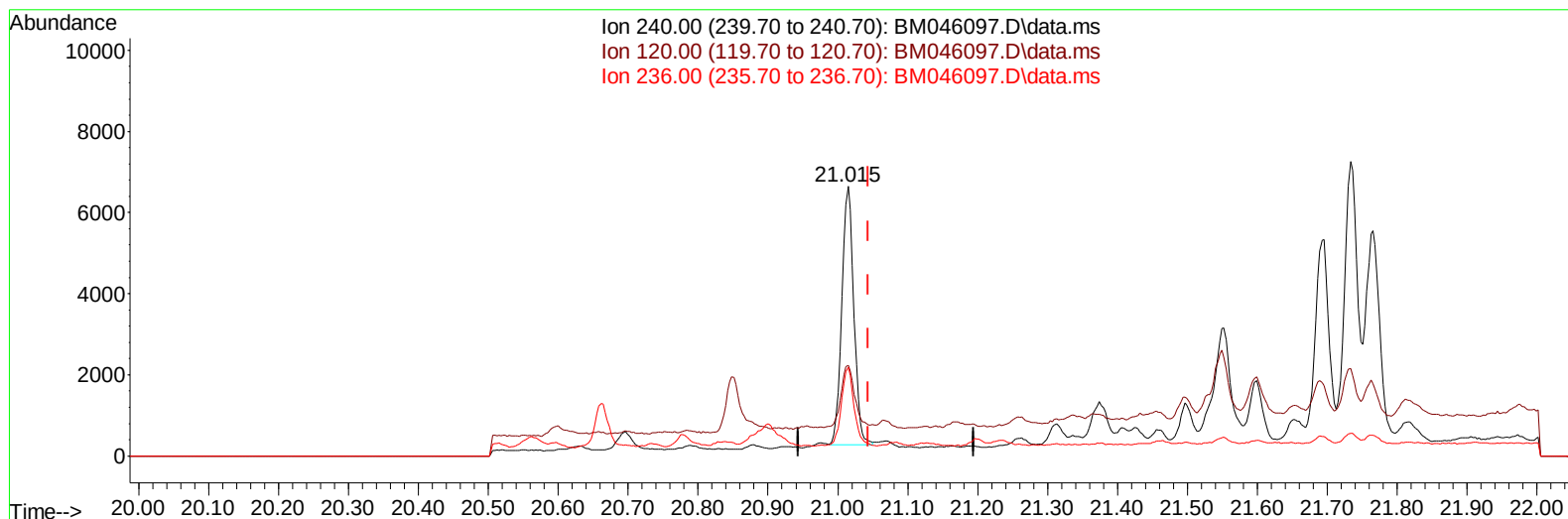
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 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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Supervised By :mohammad ahmed 06/21/2024



TIC: BM046097.D\data.ms

(17) Chrysene-d12

21.015min (-0.029) 0.40 ng/ul m

response 7535

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	33.54#
236.00	33.60	32.88
0.00	0.00	0.00

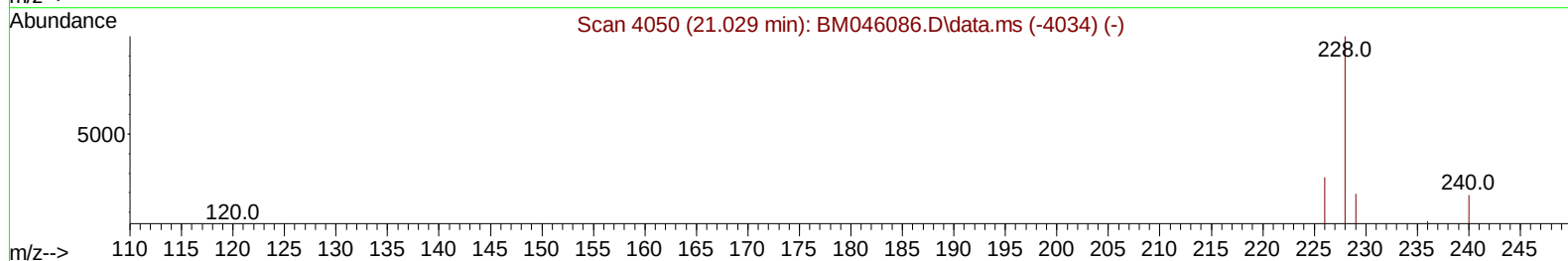
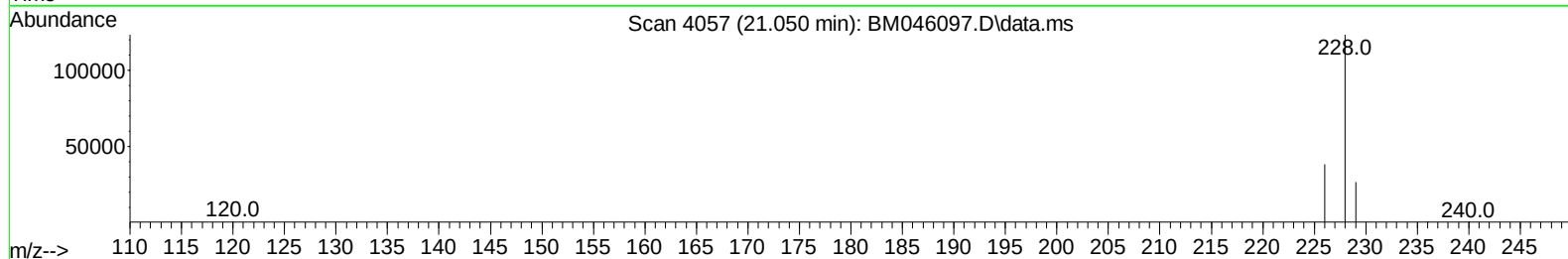
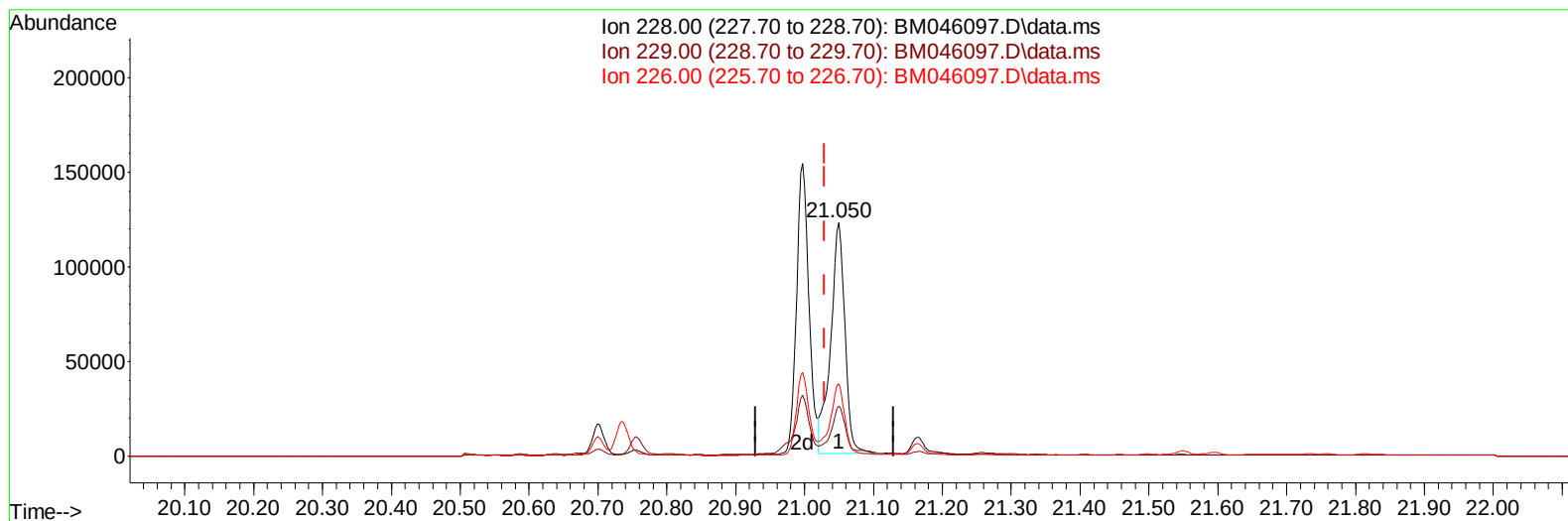
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046097.D\data.ms

(21) Benzo(a)anthracene

21.050min (+ 0.020) 6.06 ng/u1

response 176417

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	21.51
226.00	29.30	30.84
0.00	0.00	0.00

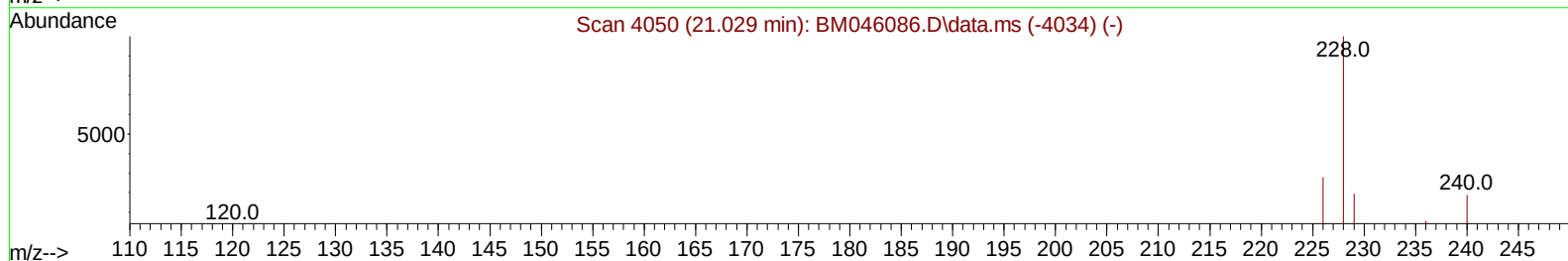
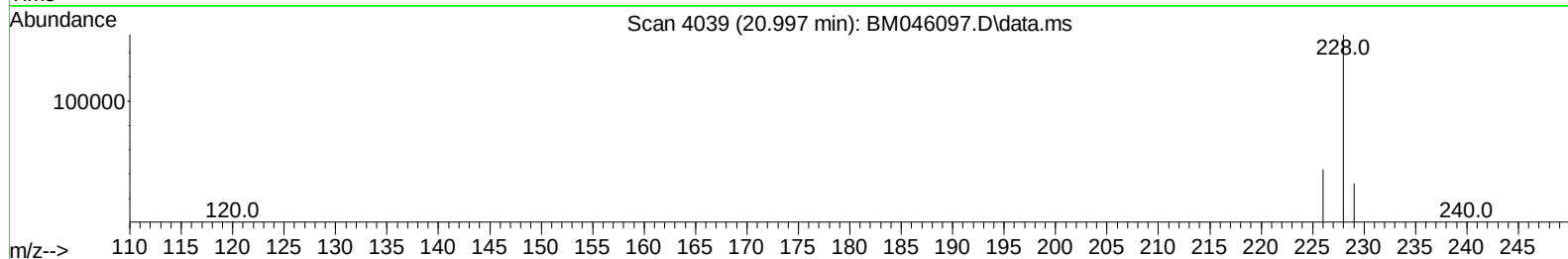
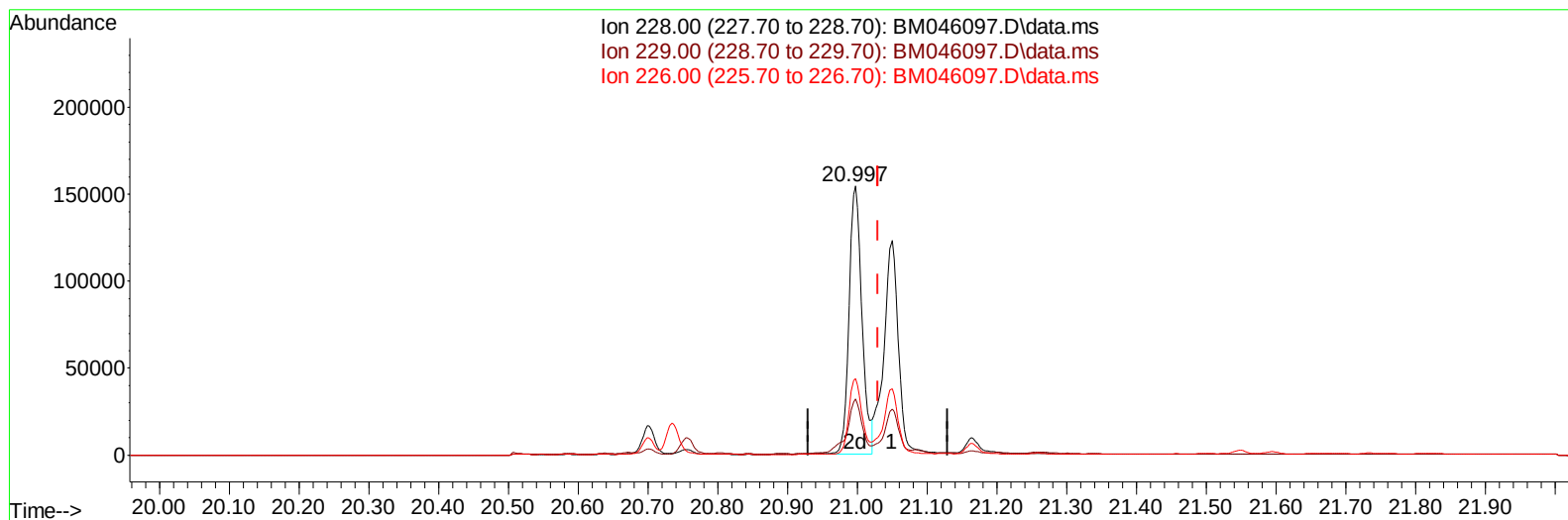
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046097.D
 Acq On : 19 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2695-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 2024
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TIC: BM046097.D\data.ms

(21) Benzo(a)anthracene

20.997min (-0.032) 6.76 ng/ul m

response 196813

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.84
226.00	29.30	28.51
0.00	0.00	0.00

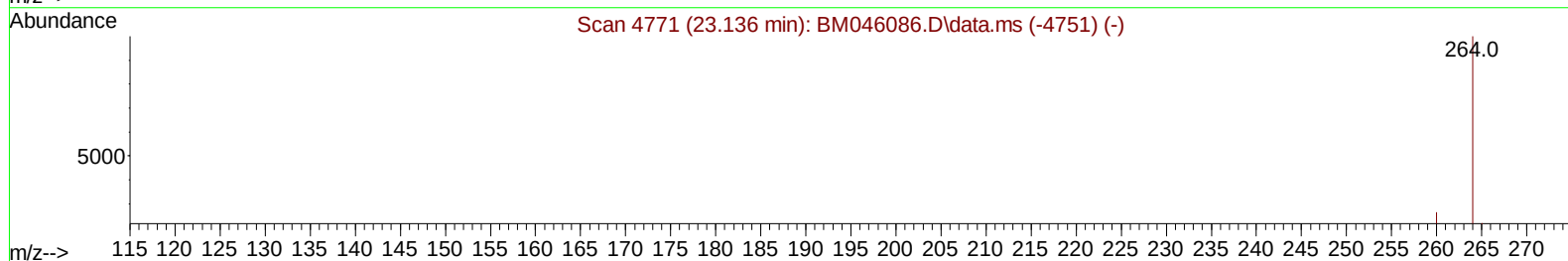
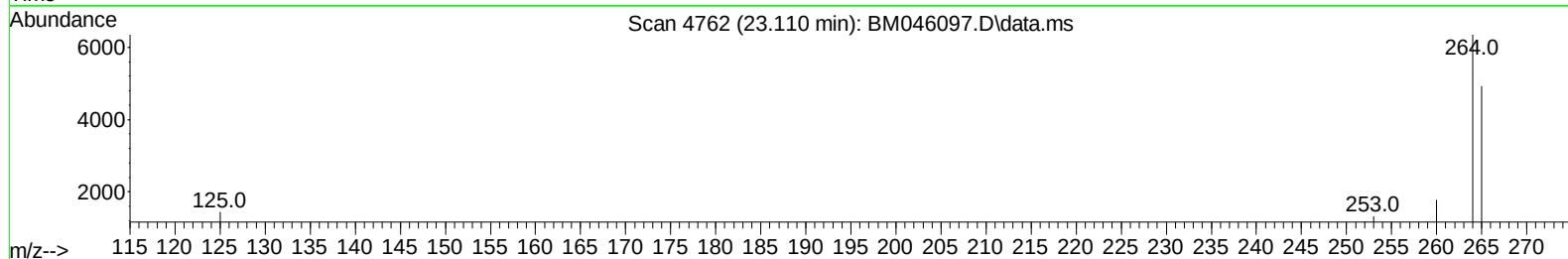
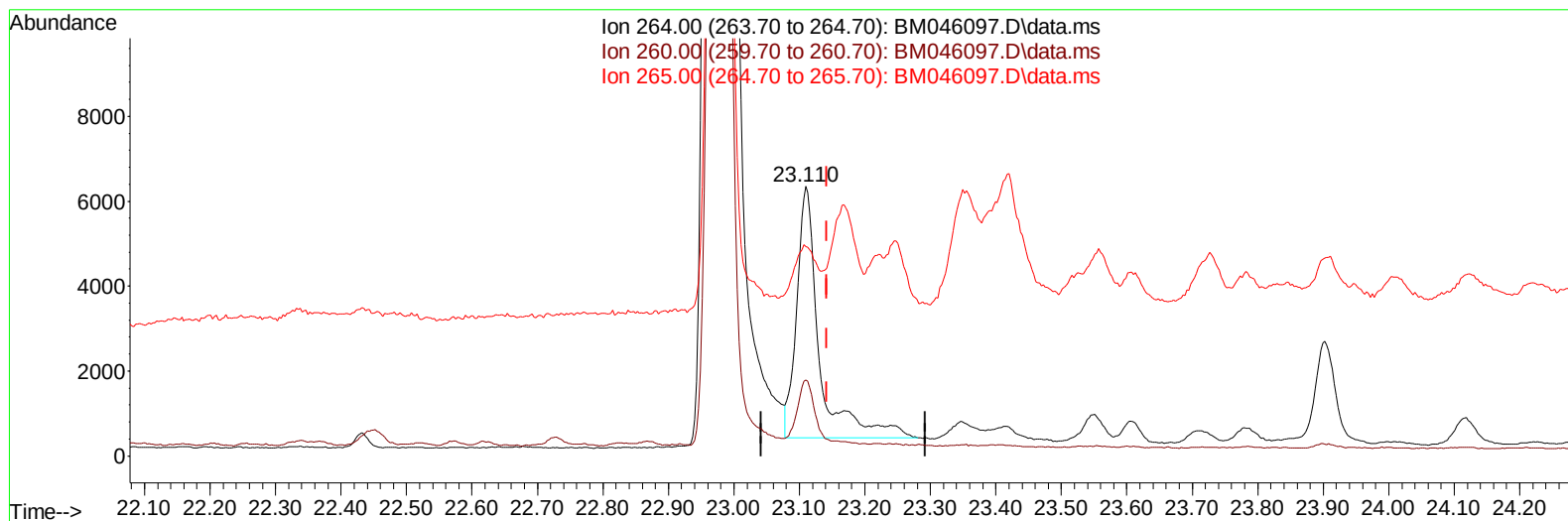
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
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Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

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TIC: BM046097.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.032) 0.40 ng/u1

response 14247

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.16
265.00	110.60	77.58#
0.00	0.00	0.00

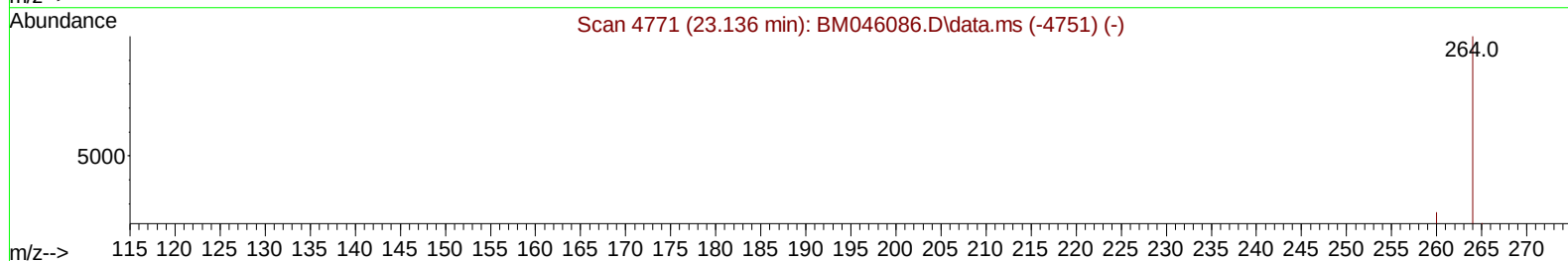
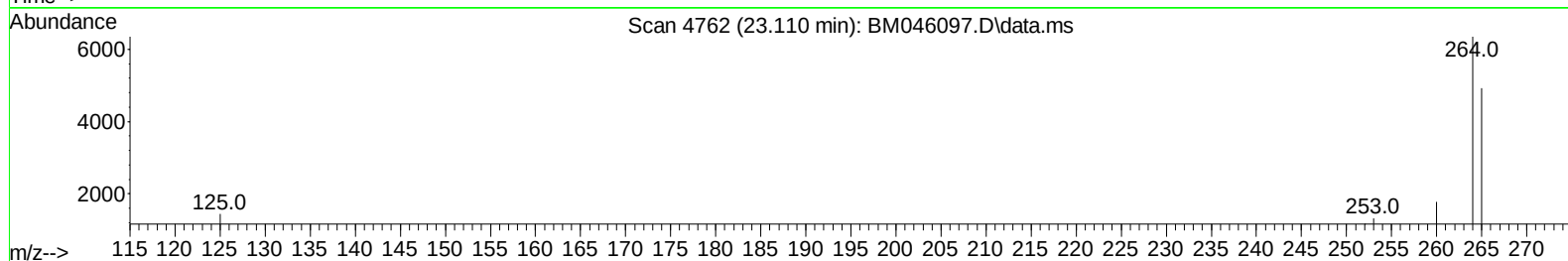
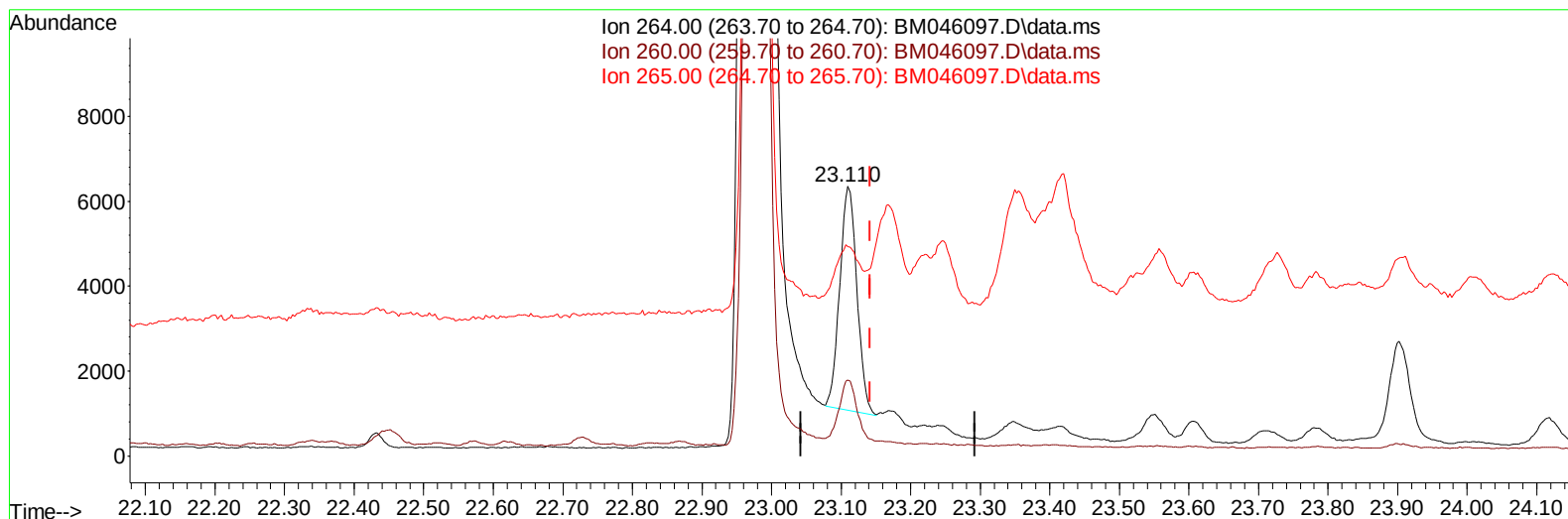
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

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TIC: BM046097.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.032) 0.40 ng/ul m

response 9014

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.16
265.00	110.60	77.58#
0.00	0.00	0.00

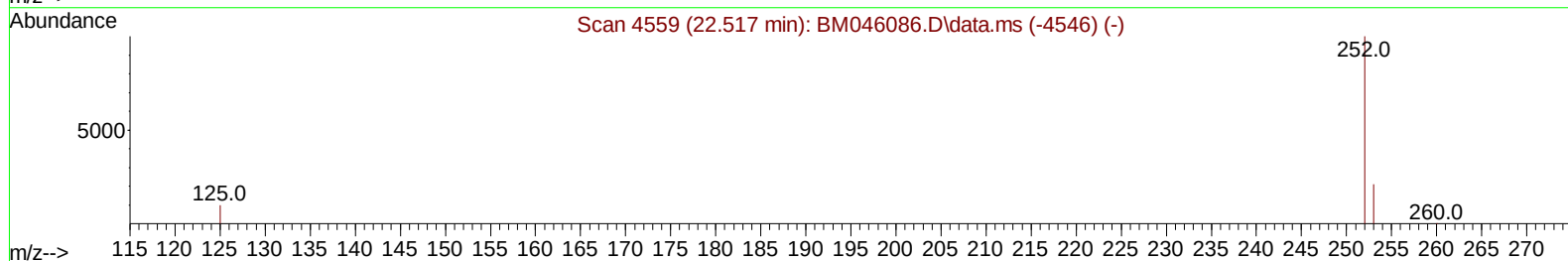
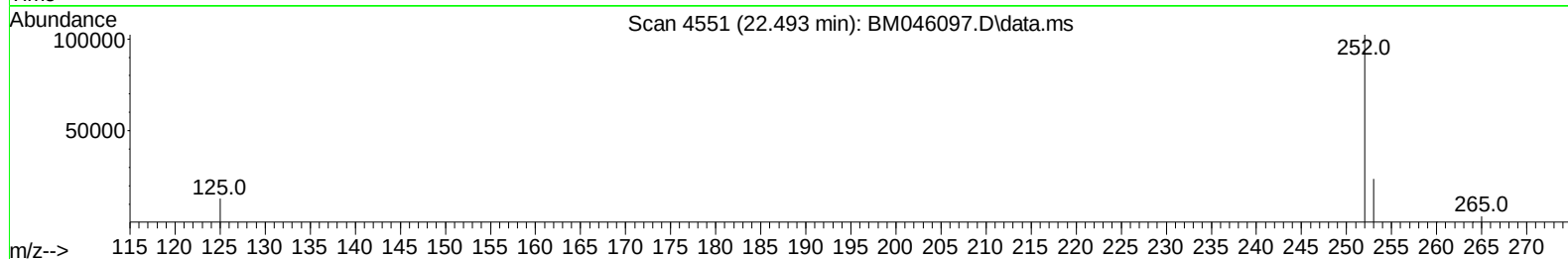
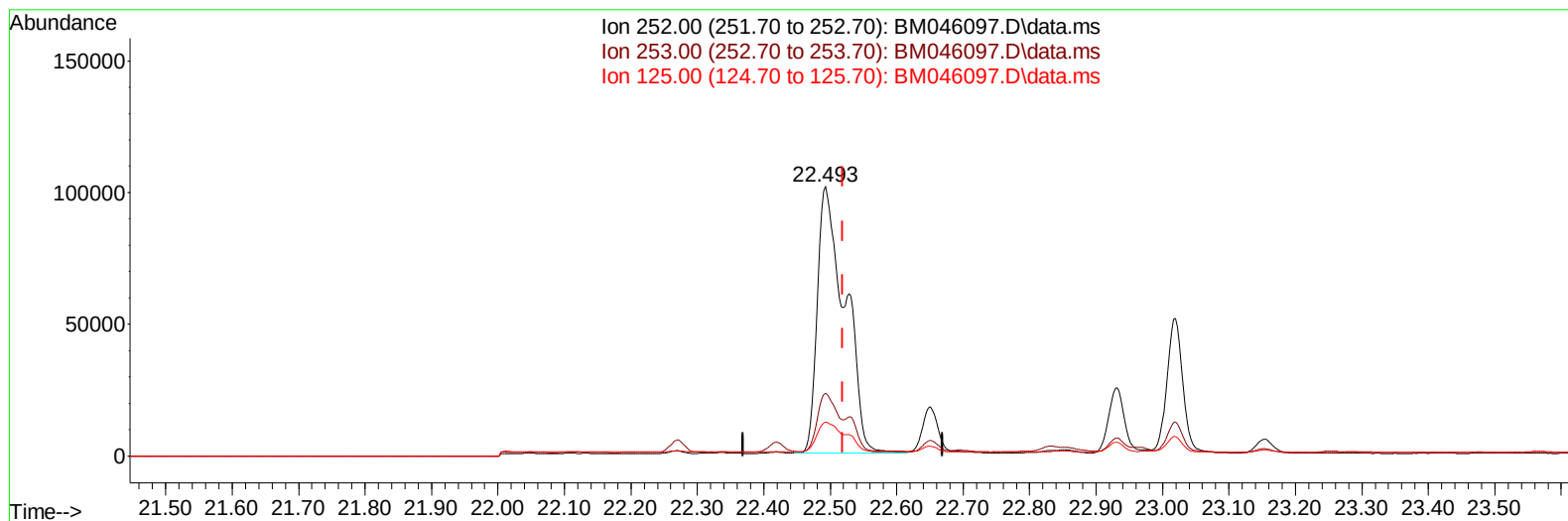
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM046097.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.026) 9.04 ng/u1

response 293568

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.25
125.00	20.10	12.57
0.00	0.00	0.00

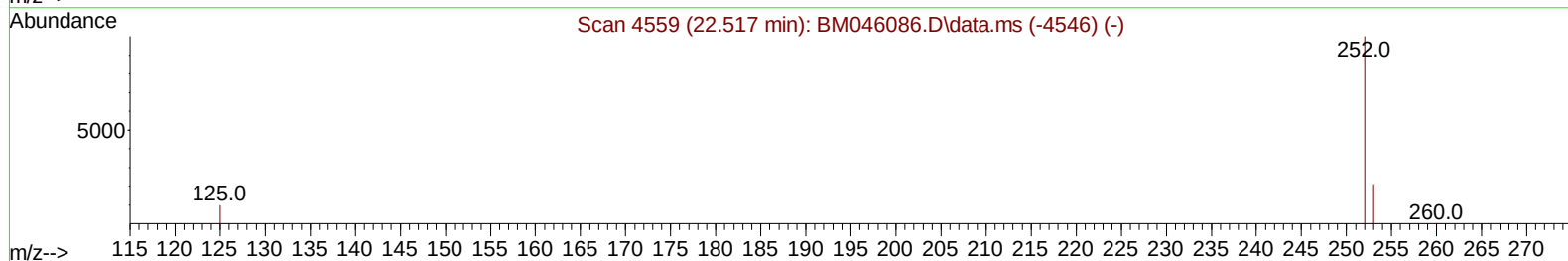
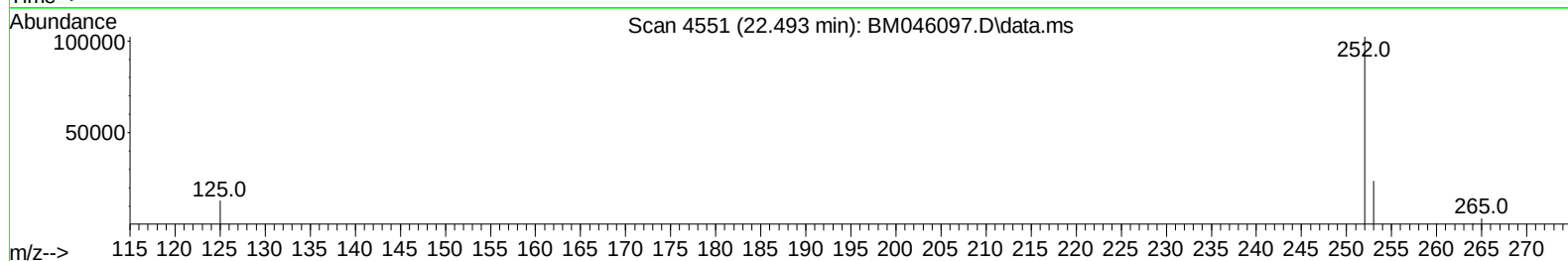
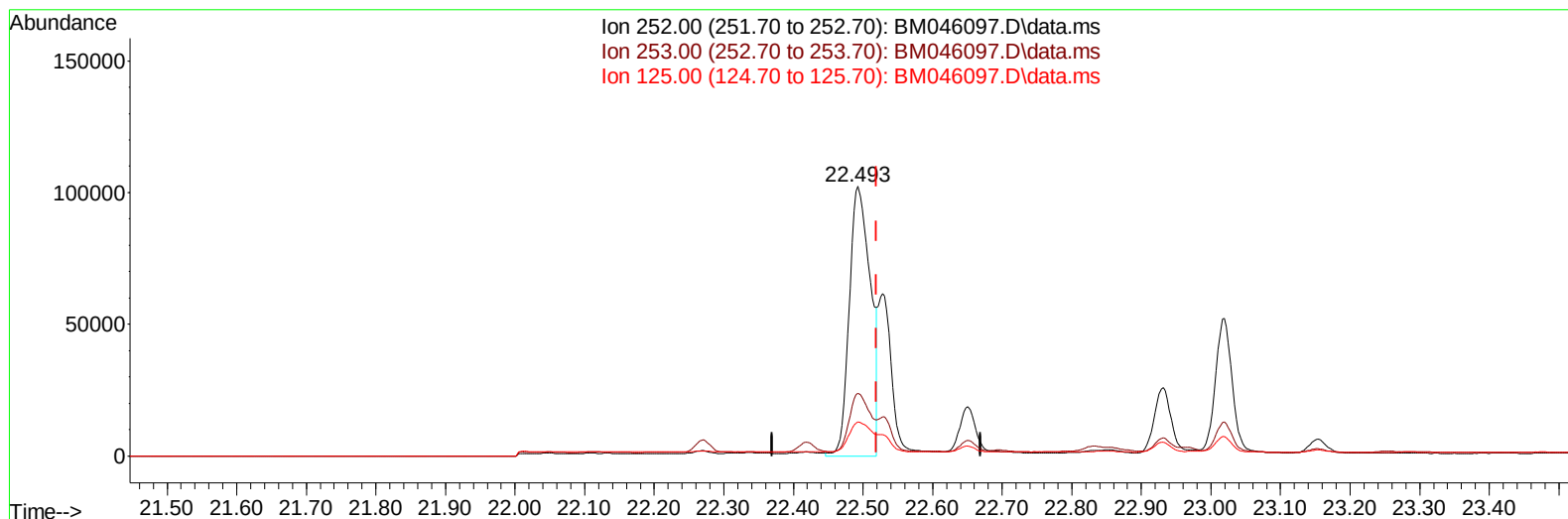
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual IntegrationsAPPROVED

Quant Time: Jun 19 22:50:44 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 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046097.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.026) 6.70 ng/ul m

response 217494

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.25
125.00	20.10	12.57
0.00	0.00	0.00

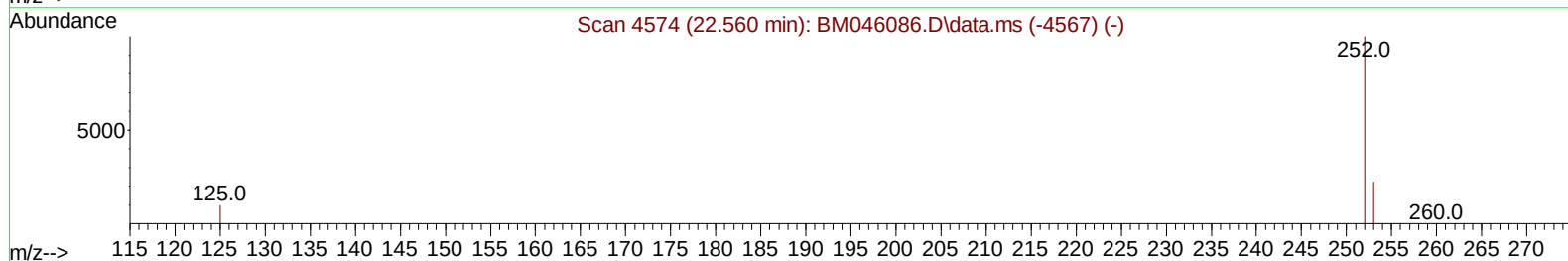
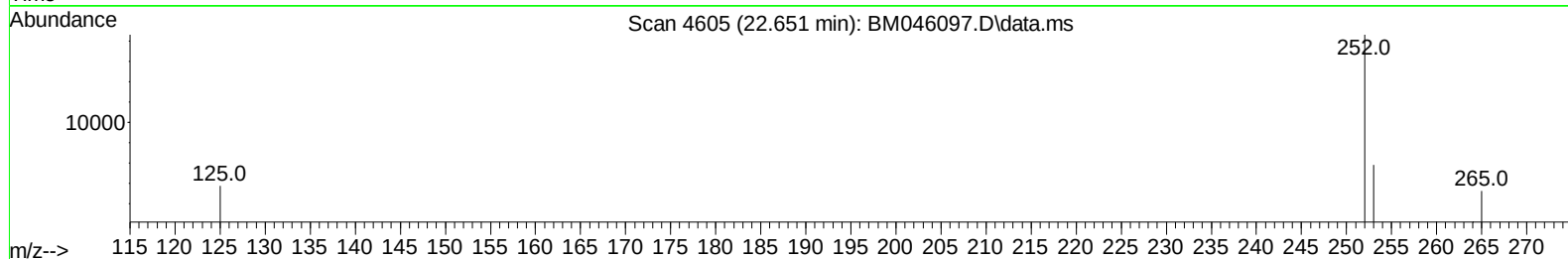
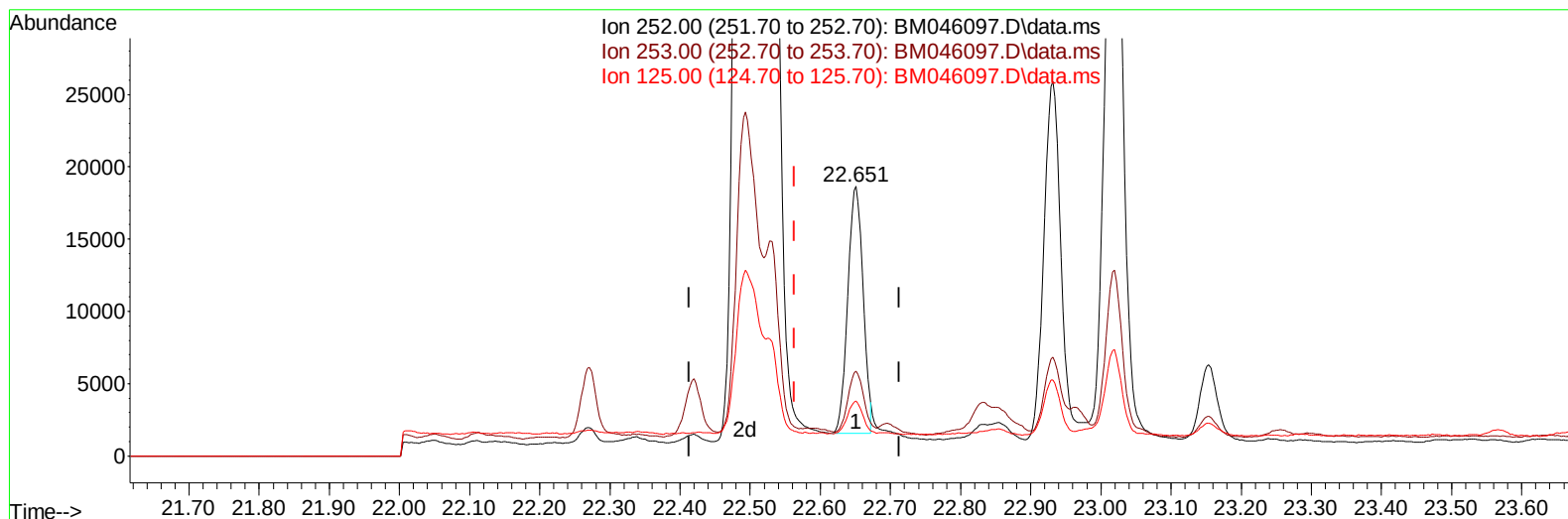
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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TIC: BM046097.D\data.ms

(25) Benzo(k)fluoranthene

22.651min (+ 0.088) 0.67 ng/u1

response 25858

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.40
125.00	20.80	20.32
0.00	0.00	0.00

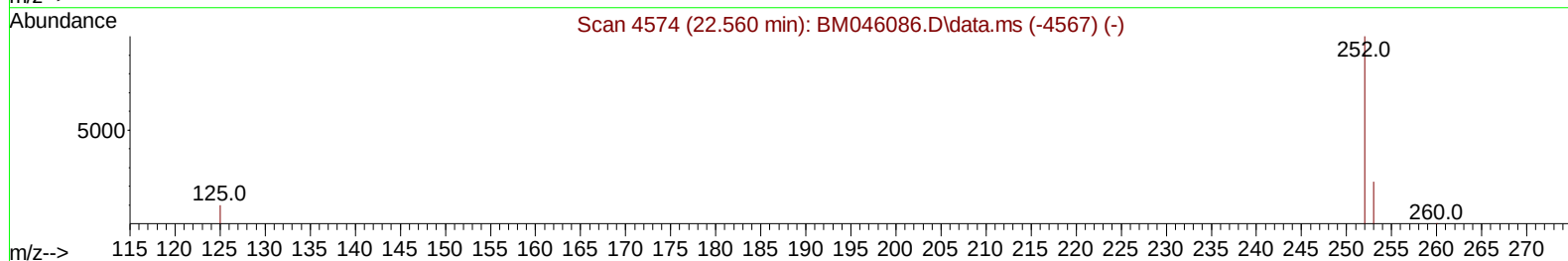
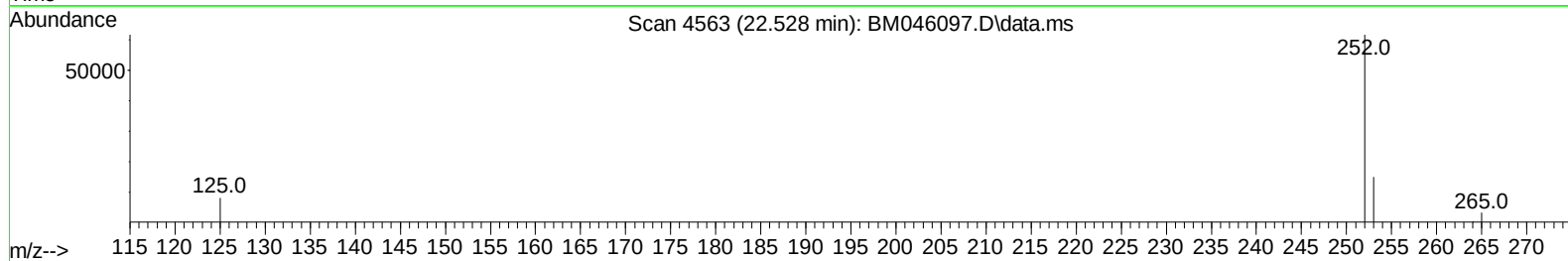
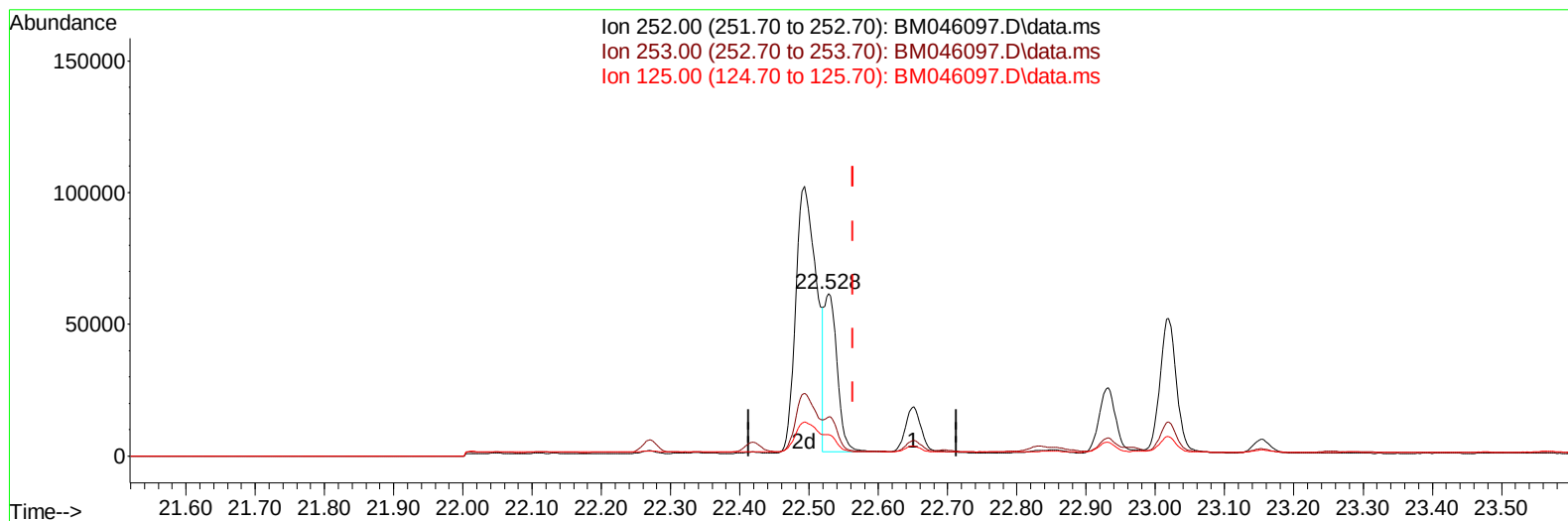
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK5

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TIC: BM046097.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.035) 2.00 ng/u1 m

response 77395

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.16#
125.00	20.80	13.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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 Operator : MA/JU
 Sample : P2695-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2699	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	7709	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.080	164	4238	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.819	188	9050m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	7535m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	9014m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11390	3.076	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.831	152	2248	0.217	ng/ul	-0.03
18) Fluoranthene-d10	18.852	212	6172	0.273	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.253	128	4066	0.189	ng/ul	99
7) 2-Methylnaphthalene	11.908	142	1132	0.094	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	887	0.067	ng/ul	98
10) Acenaphthylene	13.797	152	9777	0.486	ng/ul	98
11) Acenaphthene	14.140	153	3504	0.241	ng/ul	99
12) Fluorene	15.130	166	5610	0.360	ng/ul	99
15) Phenanthrene	16.857	178	157603m	6.198	ng/ul	
16) Anthracene	16.950	178	40384m	2.133	ng/ul	
19) Fluoranthene	18.880	202	411409	12.610	ng/ul	97
20) Pyrene	19.242	202	292223	8.282	ng/ul	97
21) Benzo(a)anthracene	20.997	228	196813m	6.762	ng/ul	
22) Chrysene	21.050	228	176933	4.764	ng/ul	98
24) Benzo(b)fluoranthene	22.493	252	217494m	6.697	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	77395m	2.005	ng/ul	
26) Benzo(a)pyrene	23.019	252	86005	2.858	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.155	276	71518	1.452	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.162	278	24530	0.669	ng/ul	97
29) Benzo(g,h,i)perylene	25.782	276	9705	0.230	ng/ul#	90

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

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