

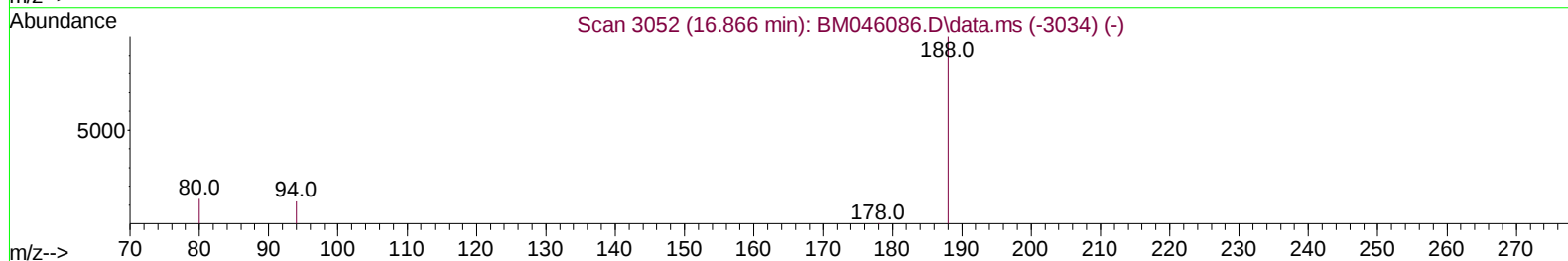
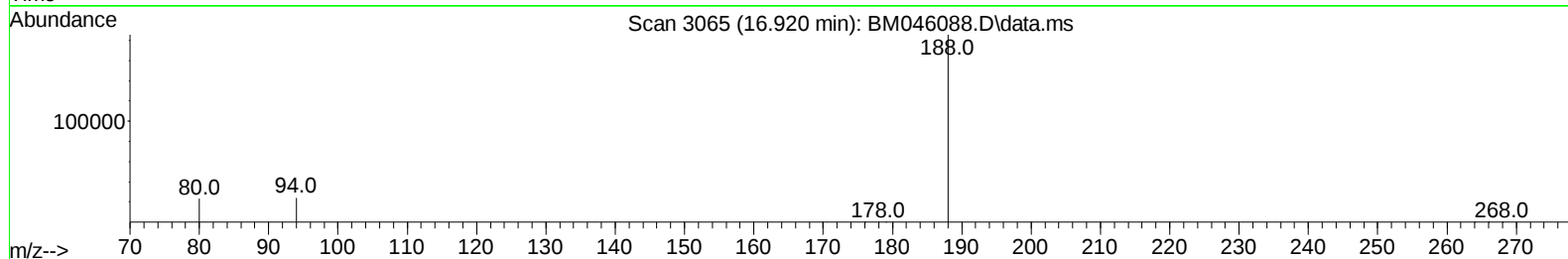
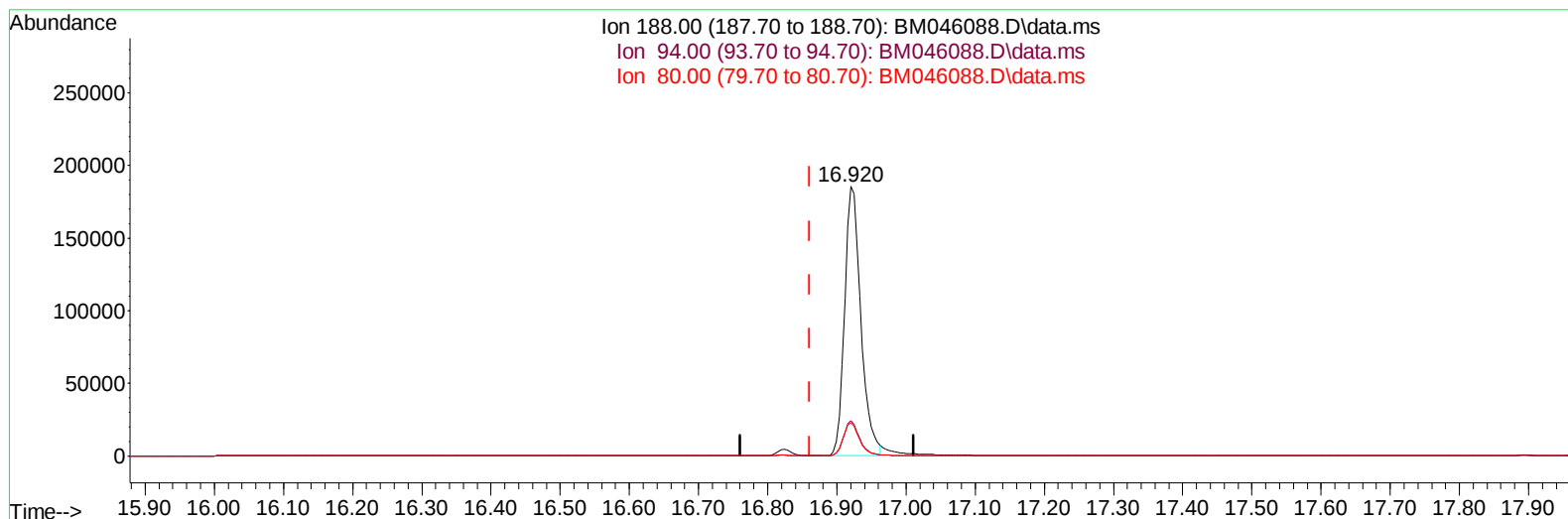
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 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: BM046088.D\data.ms

(13) Phenanthrene-d10 (I)

16.920min (+ 0.059) 0.40 ng/u1

response 302864

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	13.00
80.00	15.20	12.44
0.00	0.00	0.00

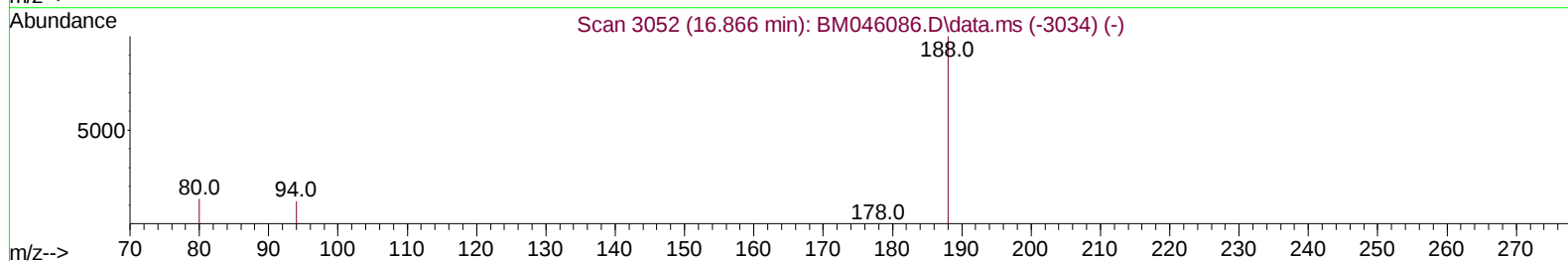
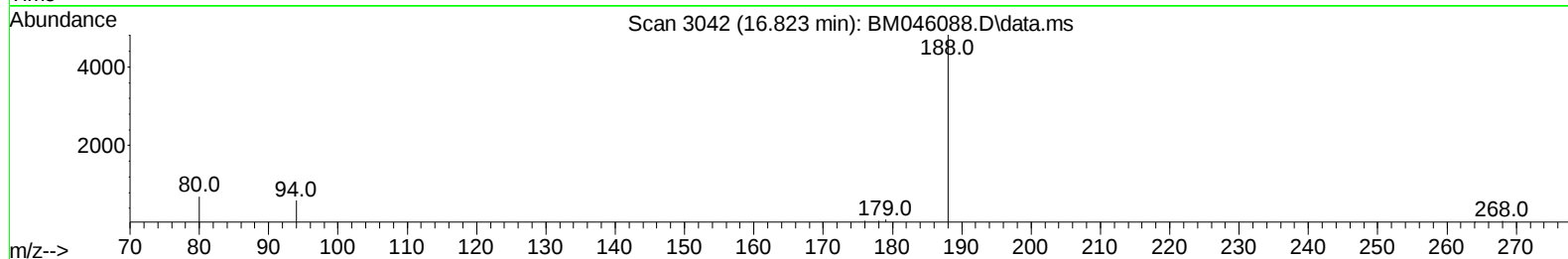
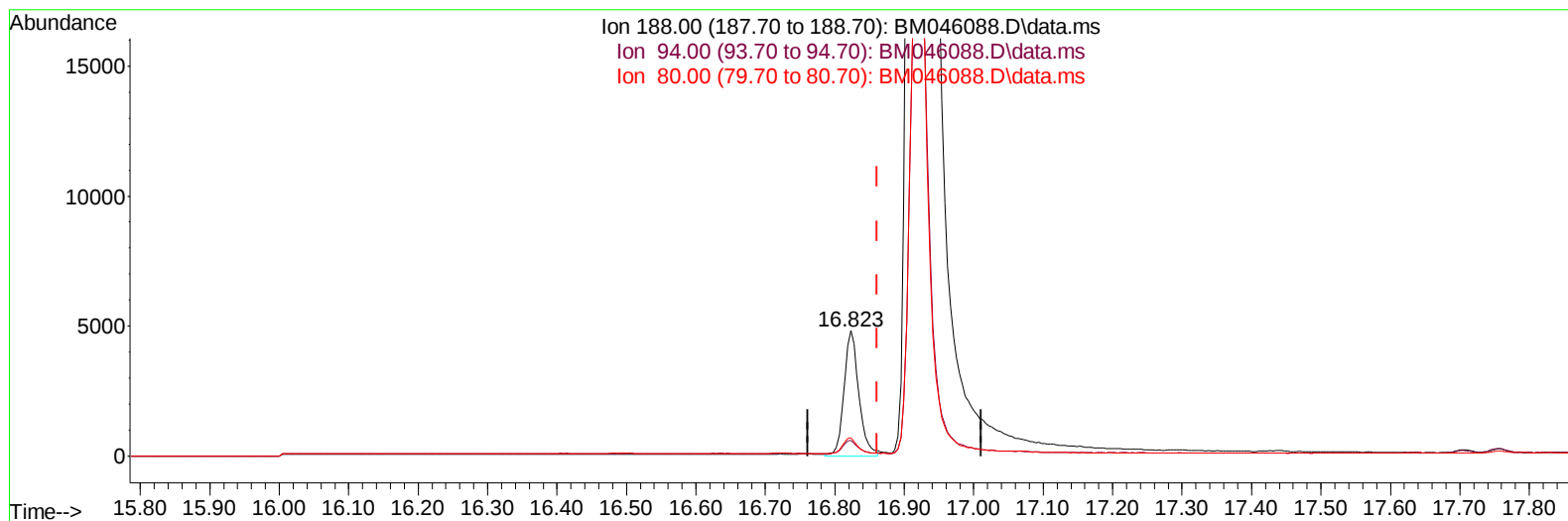
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046088.D\data.ms

(13) Phenanthrene-d10 (I)

16.823min (-0.038) 0.40 ng/ul m

response 7092

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.36
80.00	15.20	14.48
0.00	0.00	0.00

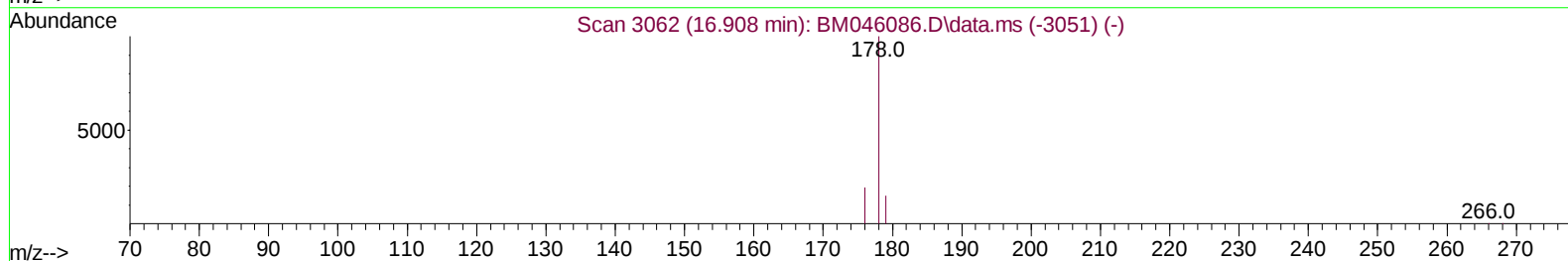
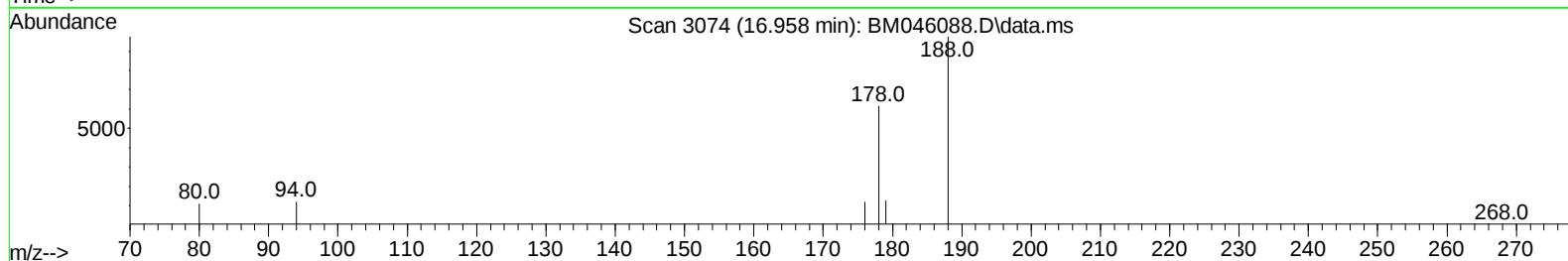
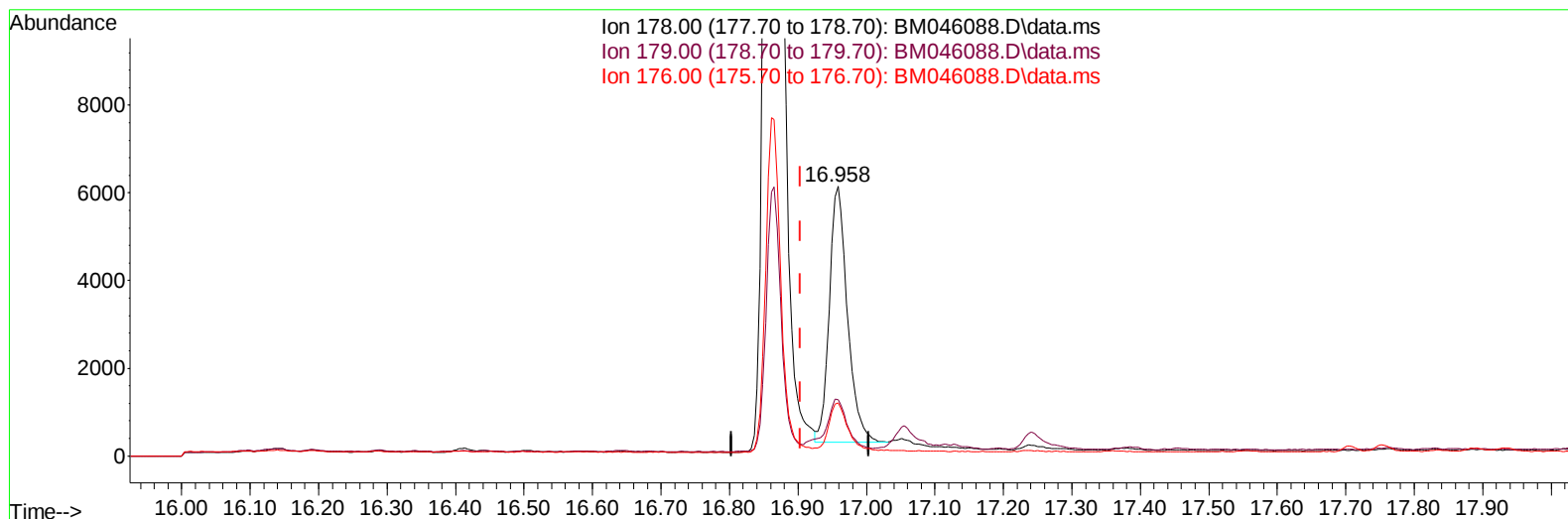
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046088.D\data.ms

(15) Phenanthrene

16.958min (+ 0.055) 0.54 ng/u1

response 10691

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	20.88
176.00	21.40	19.75
0.00	0.00	0.00

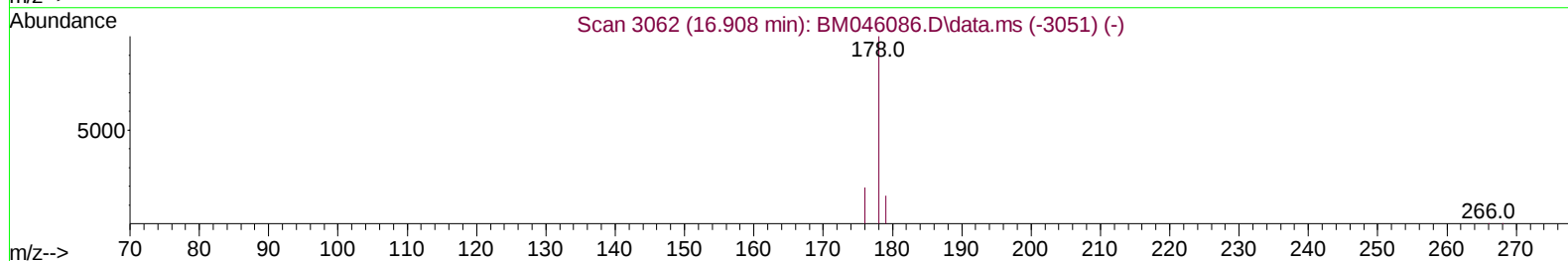
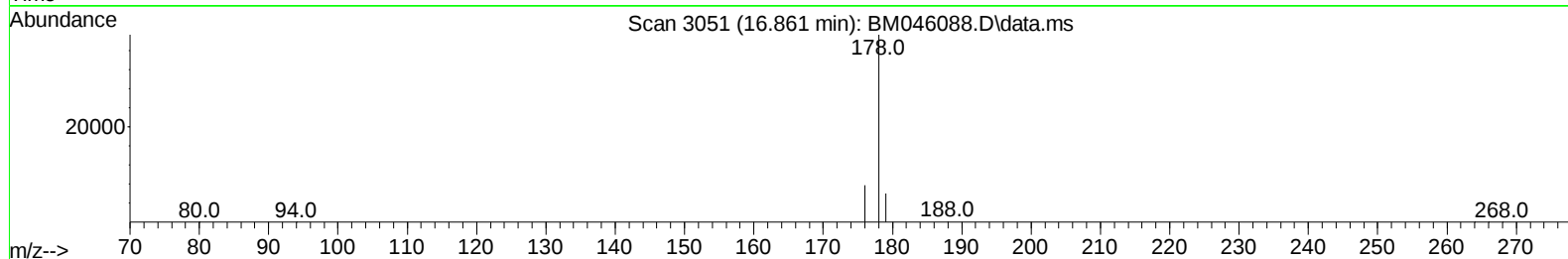
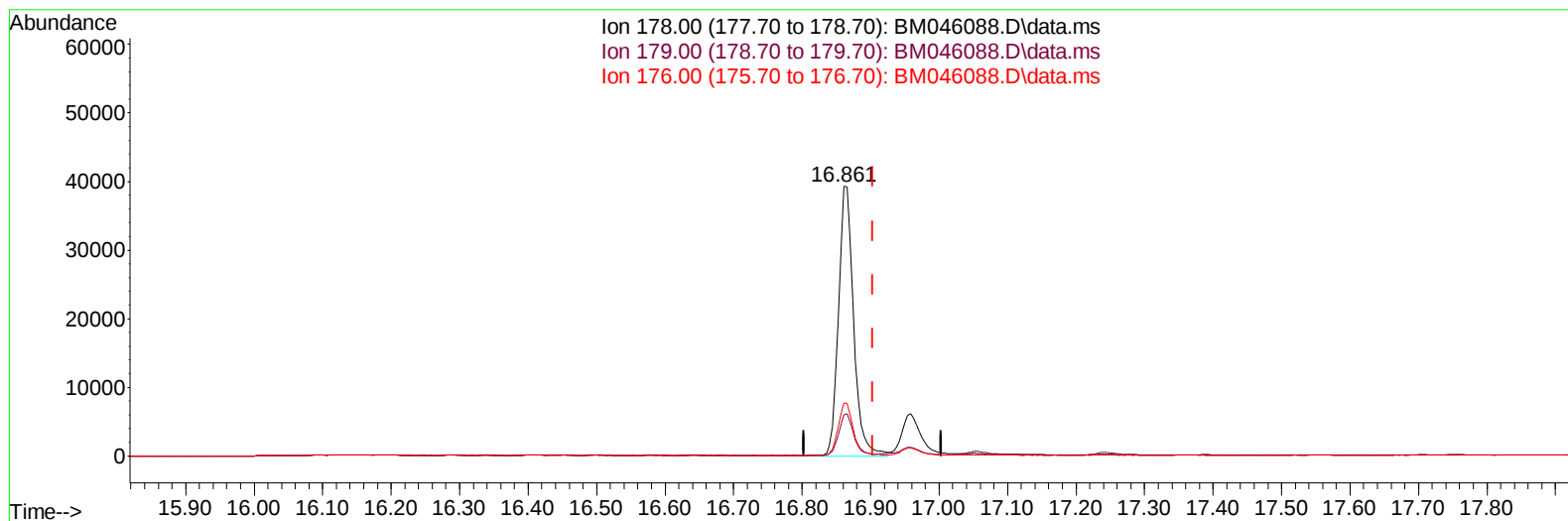
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 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: BM046088.D\data.ms

(15) Phenanthrene

16.861min (-0.042) 3.04 ng/ul m

response 60499

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.32
176.00	21.40	19.63
0.00	0.00	0.00

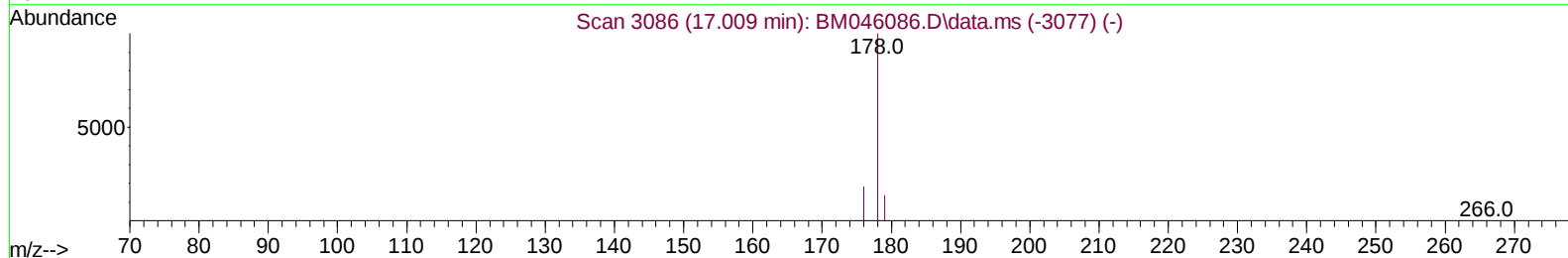
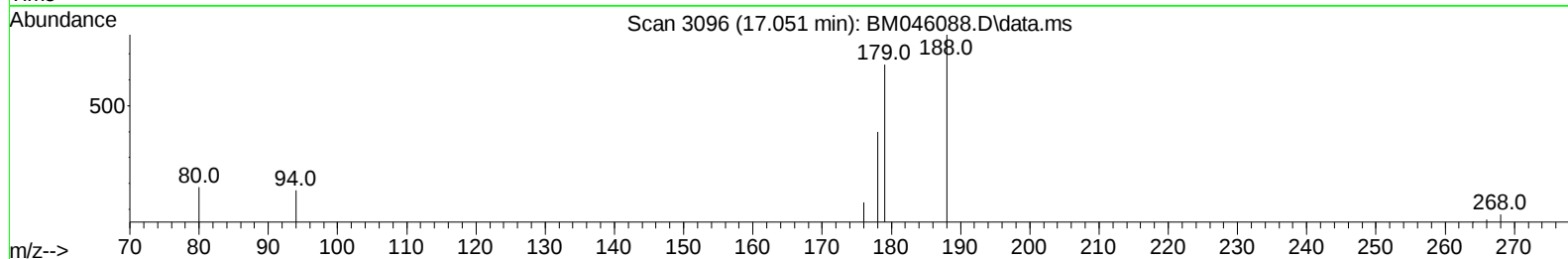
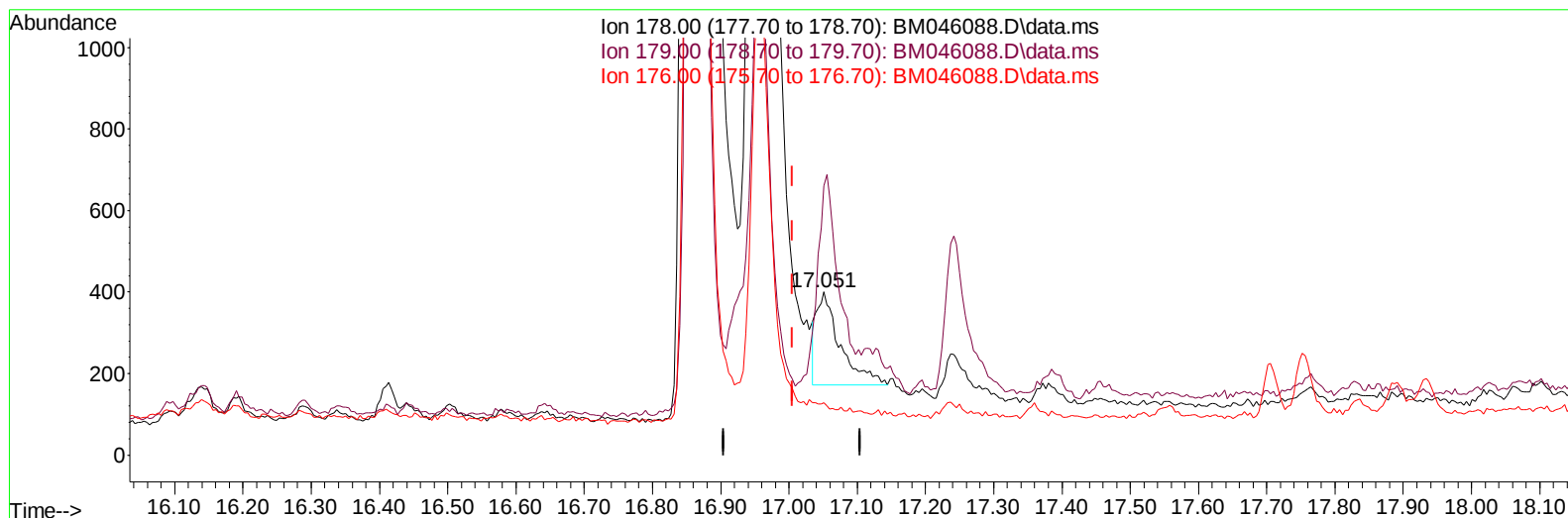
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
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TIC: BM046088.D\data.ms

(16) Anthracene

17.051min (+ 0.046) 0.04 ng/u1

response 553

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	165.00#
176.00	21.20	32.00#
0.00	0.00	0.00

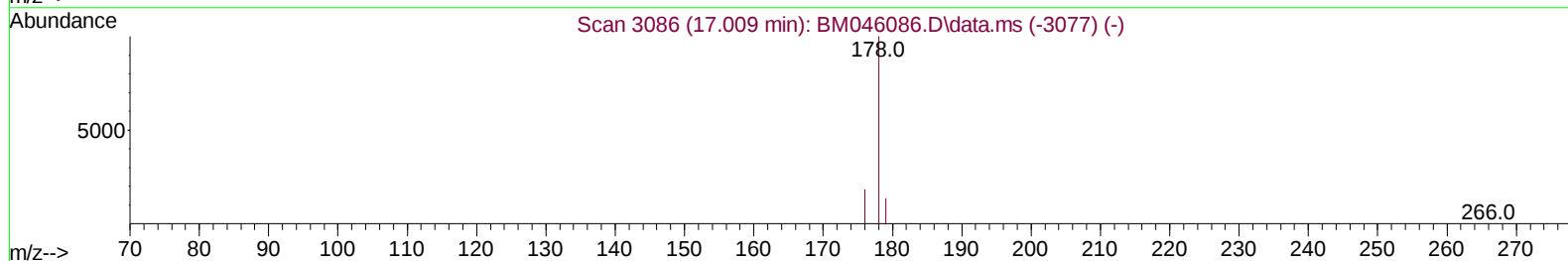
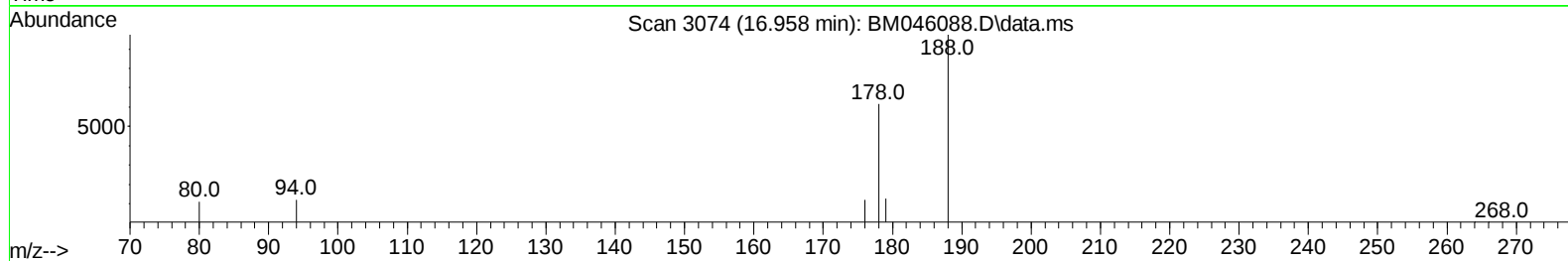
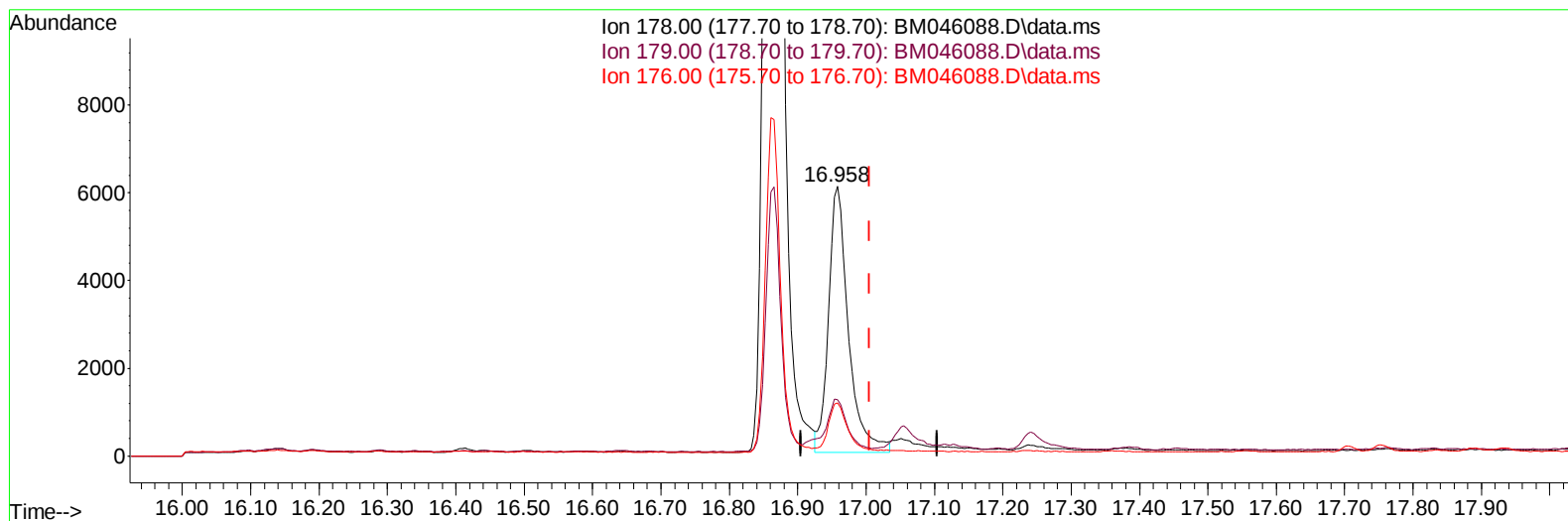
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046088.D\data.ms

(16) Anthracene

16.958min (-0.047) 0.82 ng/u1 m

response 12177

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	20.88
176.00	21.20	19.75
0.00	0.00	0.00

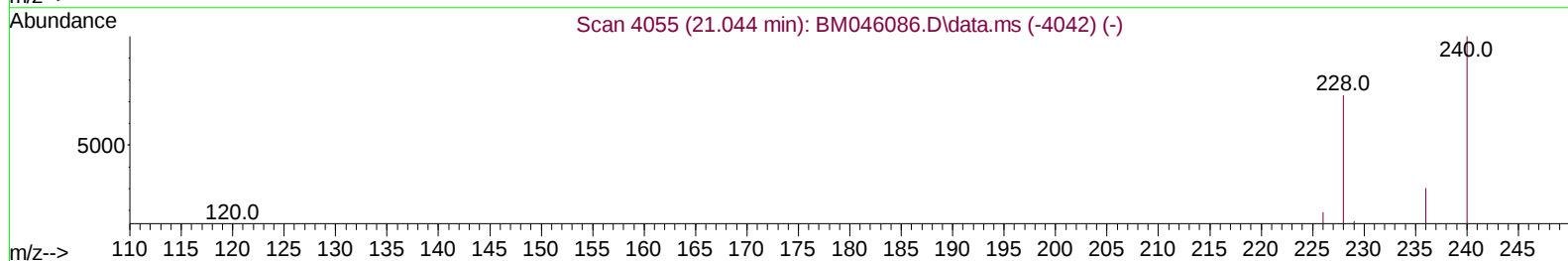
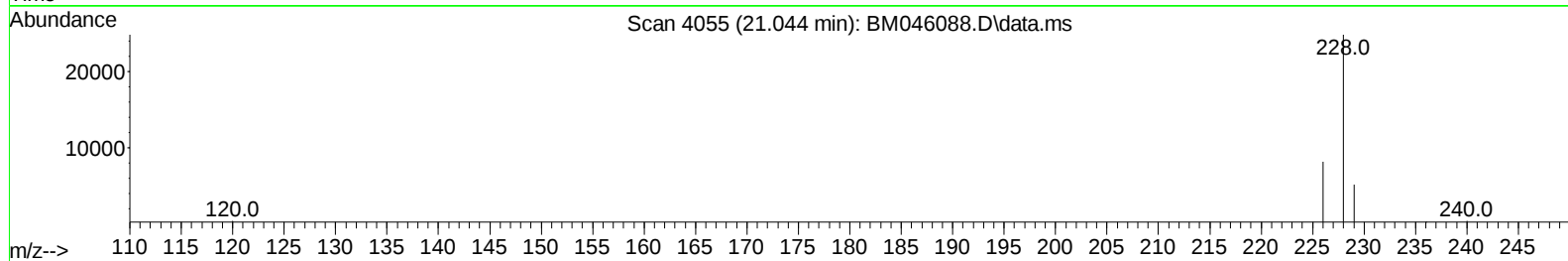
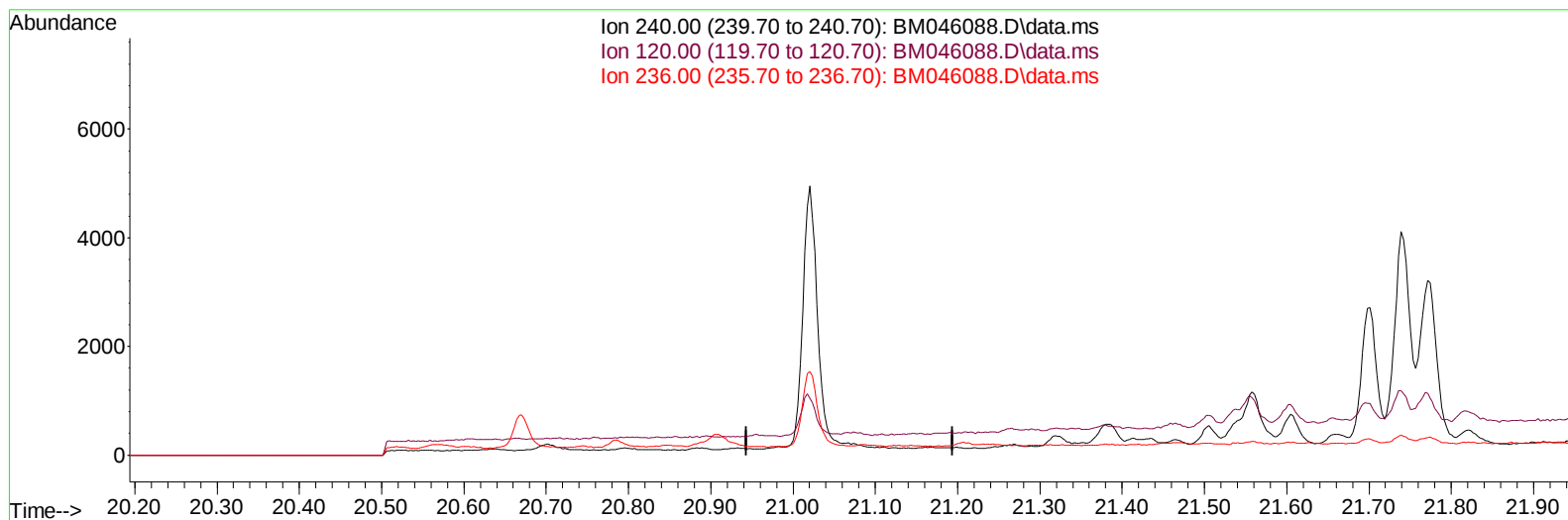
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
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TIC: BM046088.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

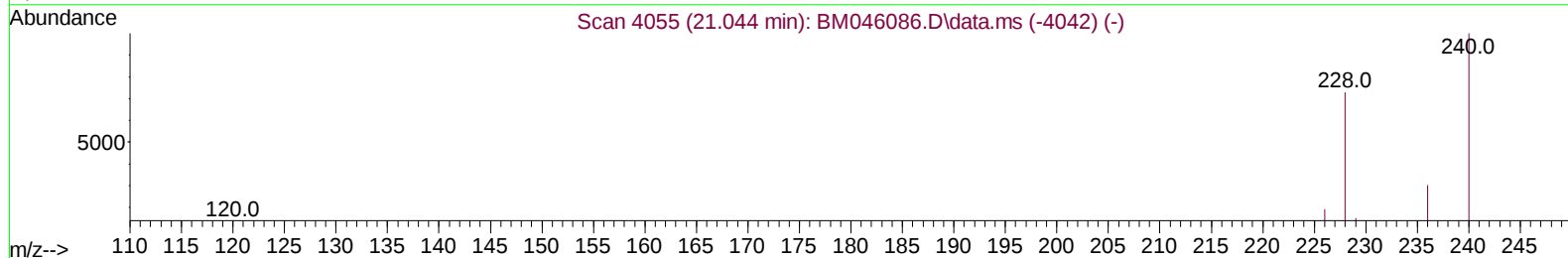
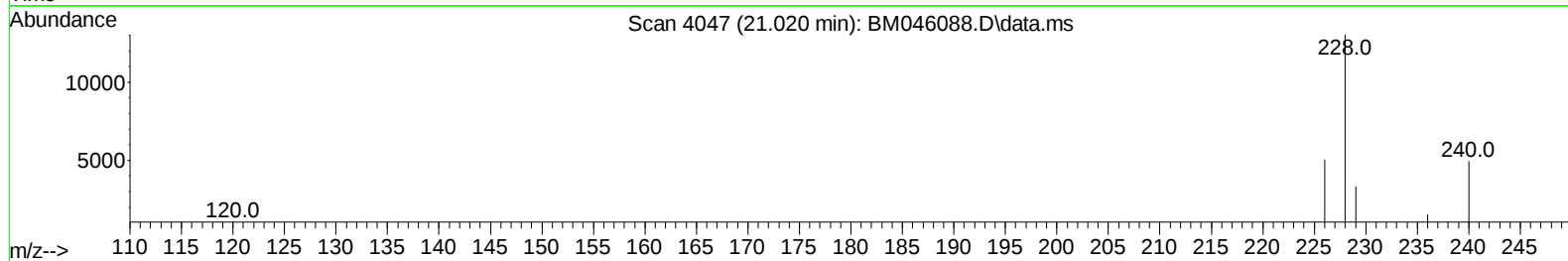
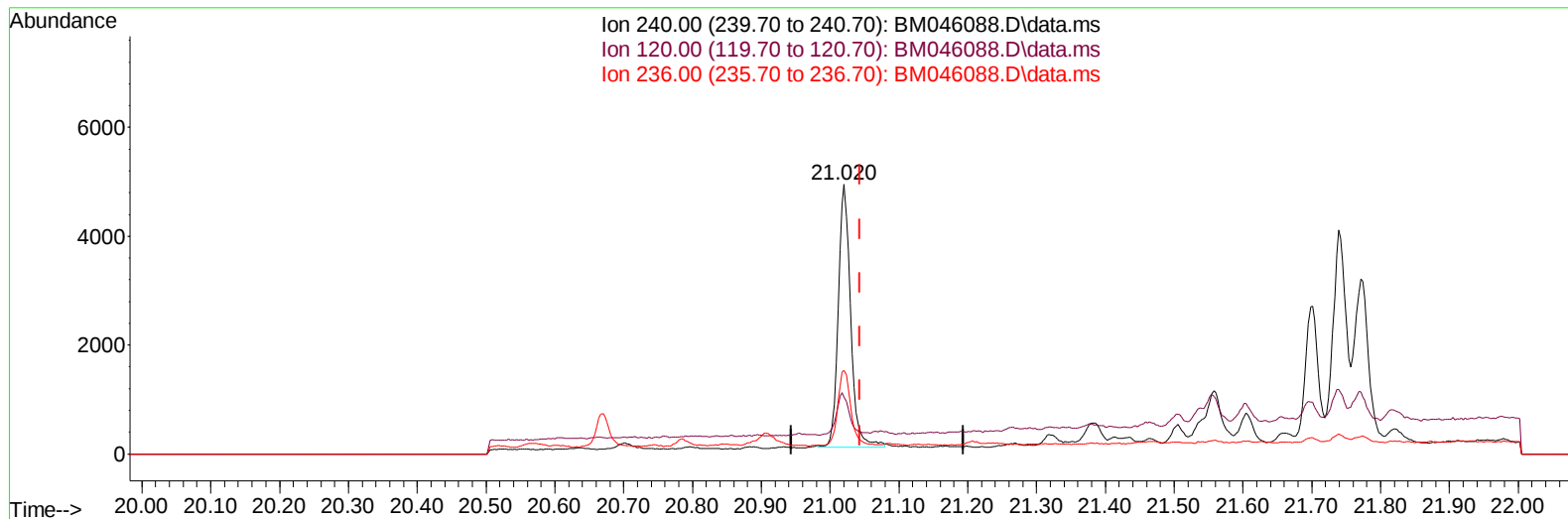
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 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 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046088.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/ul m

response 6057

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.19
236.00	33.60	31.11
0.00	0.00	0.00

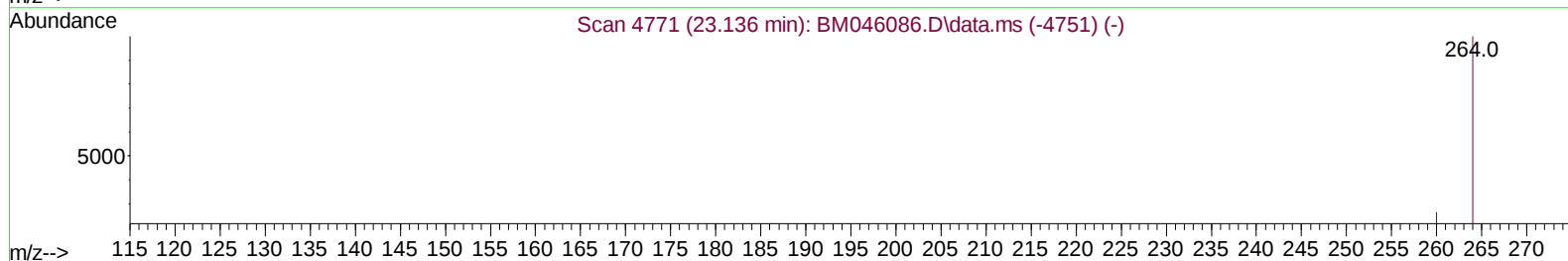
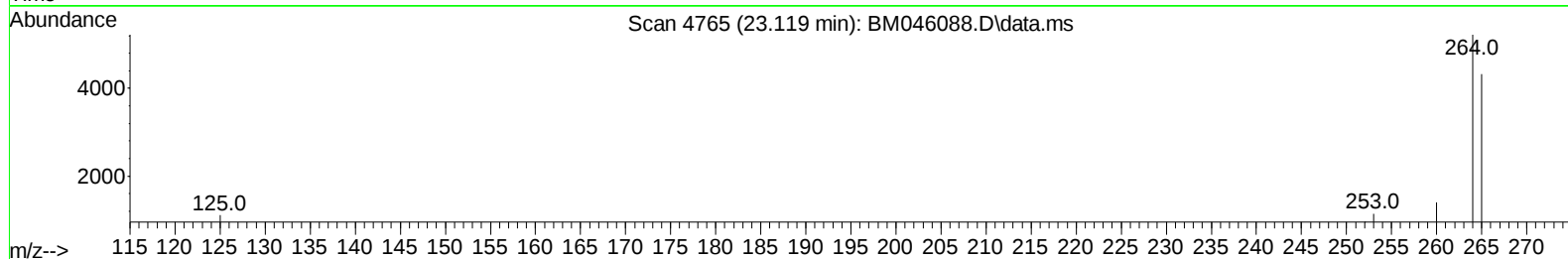
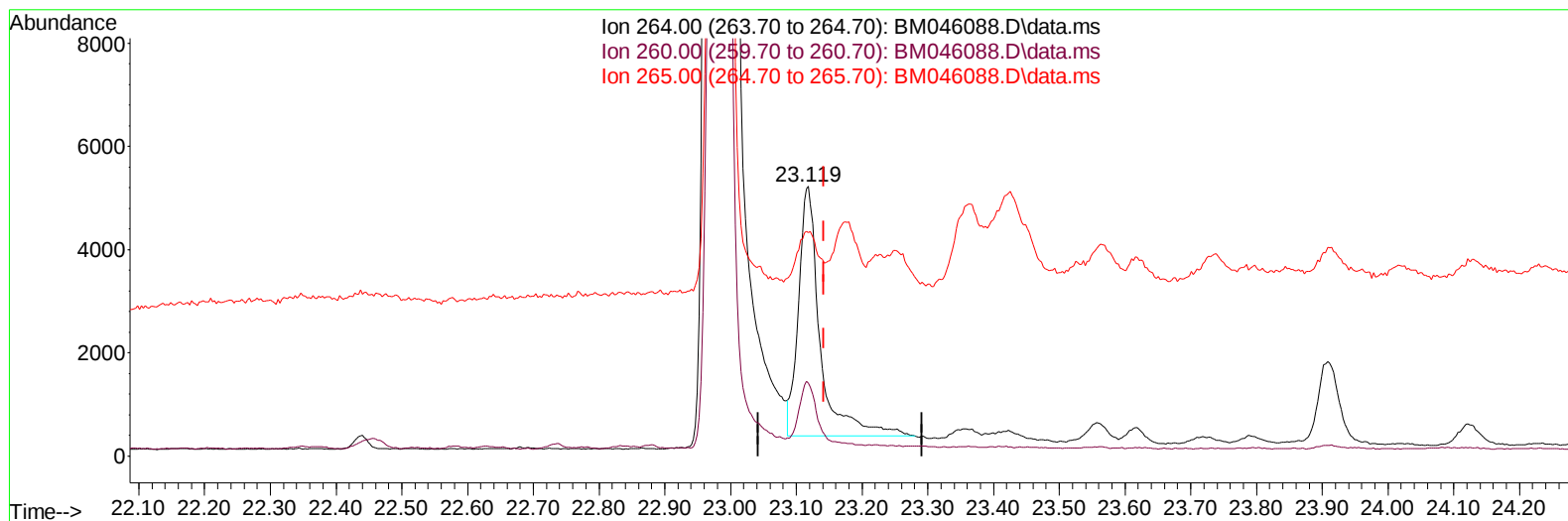
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046088.D\data.ms

(23) Perylene-d12 (I)

23.119min (-0.024) 0.40 ng/u1

response 10930

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.96
265.00	110.60	82.88#
0.00	0.00	0.00

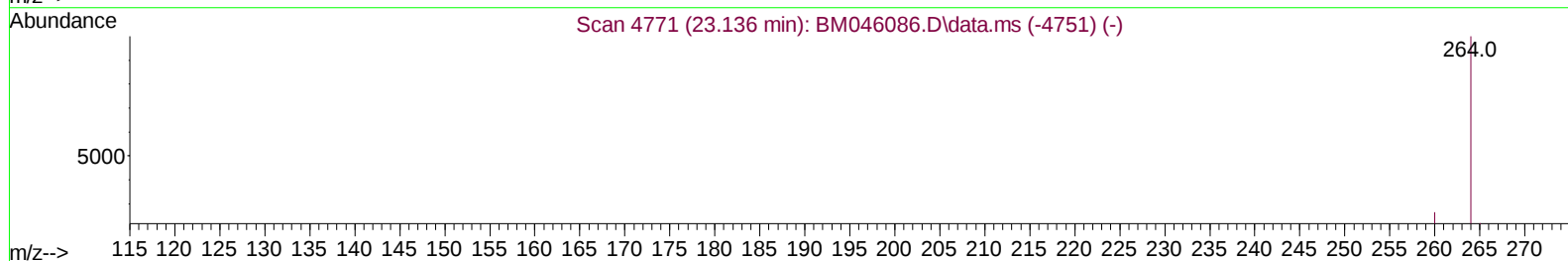
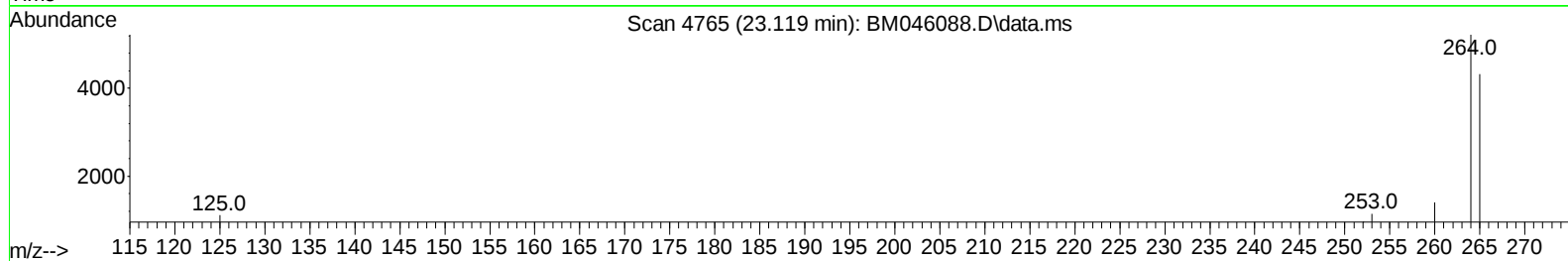
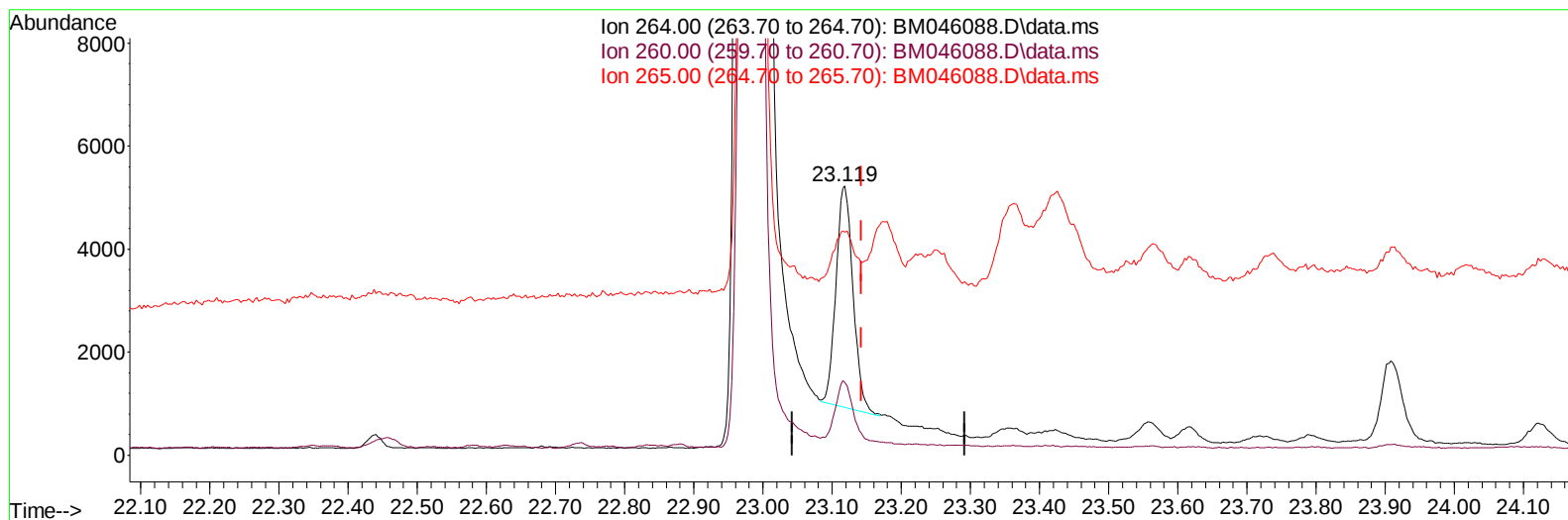
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 2024
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TIC: BM046088.D\data.ms

(23) Perylene-d12 (I)

23.119min (-0.024) 0.40 ng/u1 m

response 7328

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.96
265.00	110.60	82.88#
0.00	0.00	0.00

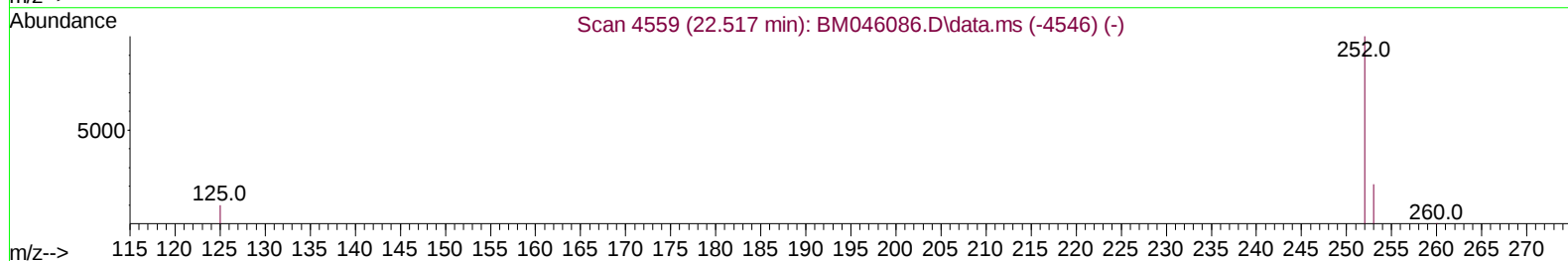
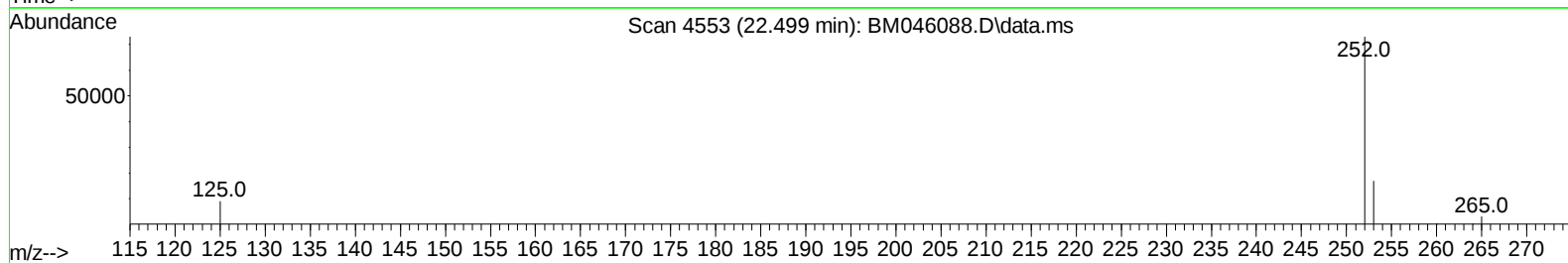
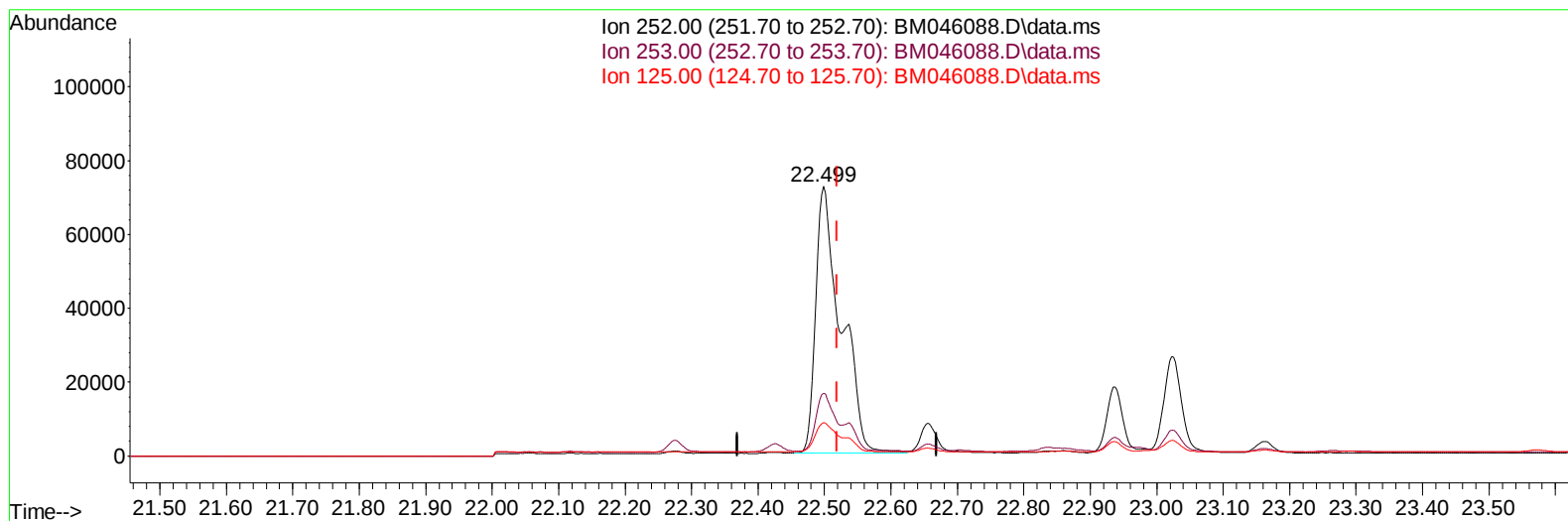
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

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TIC: BM046088.D\data.ms

(24) Benzo(b)fluoranthene

22.499min (-0.021) 7.27 ng/u1

response 192020

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.31
125.00	20.10	12.38
0.00	0.00	0.00

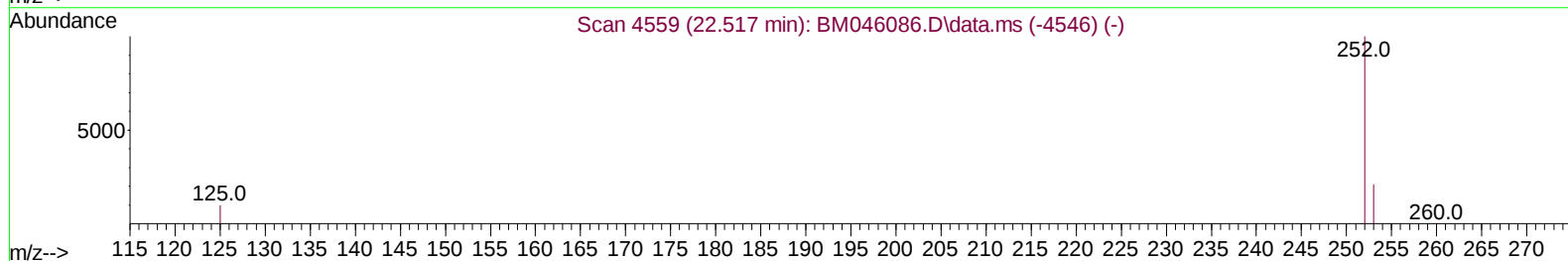
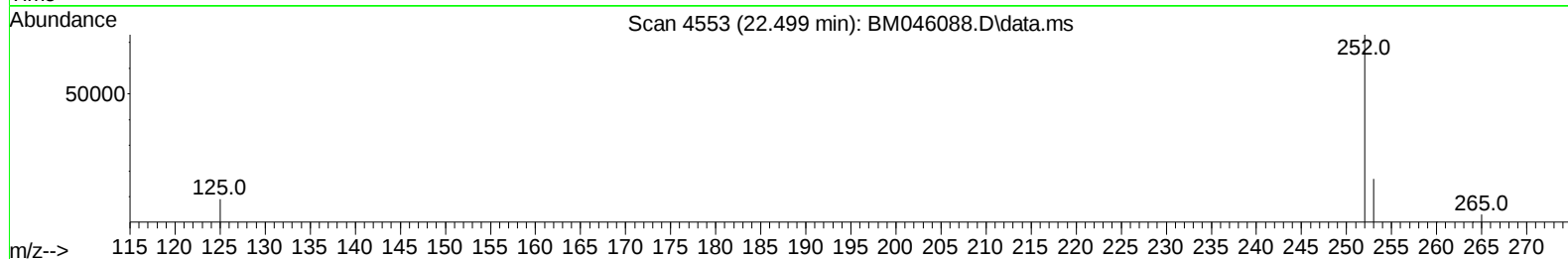
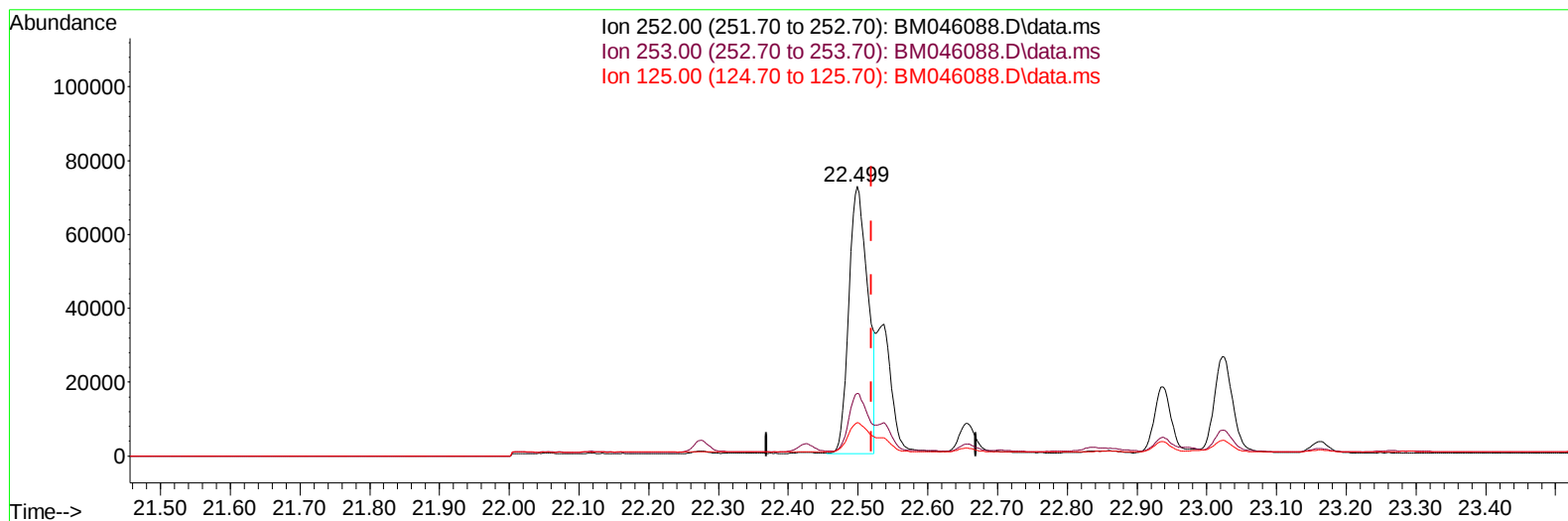
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 16:54:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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Response via : Initial Calibration



TIC: BM046088.D\data.ms

(24) Benzo(b)fluoranthene

22.499min (-0.021) 5.15 ng/u1 m

response 136045

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.31
125.00	20.10	12.38
0.00	0.00	0.00

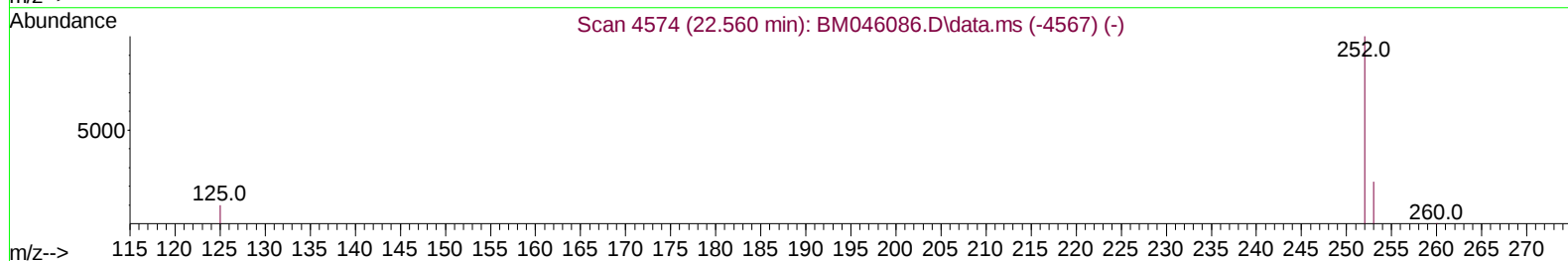
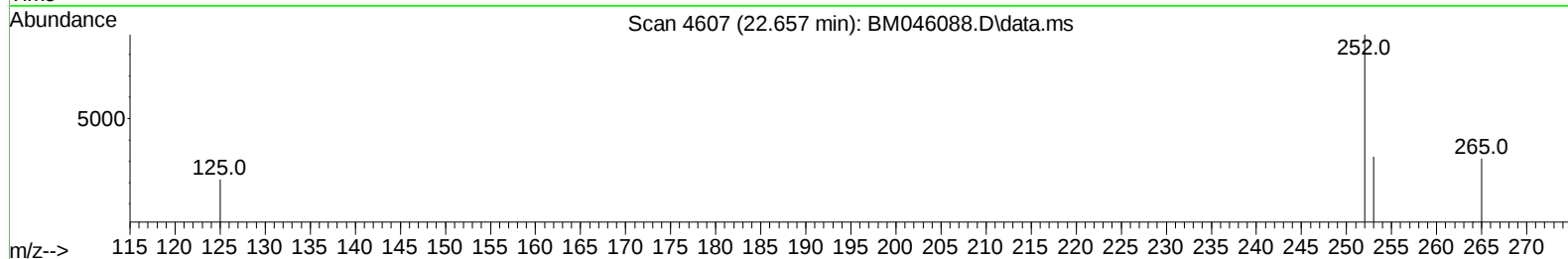
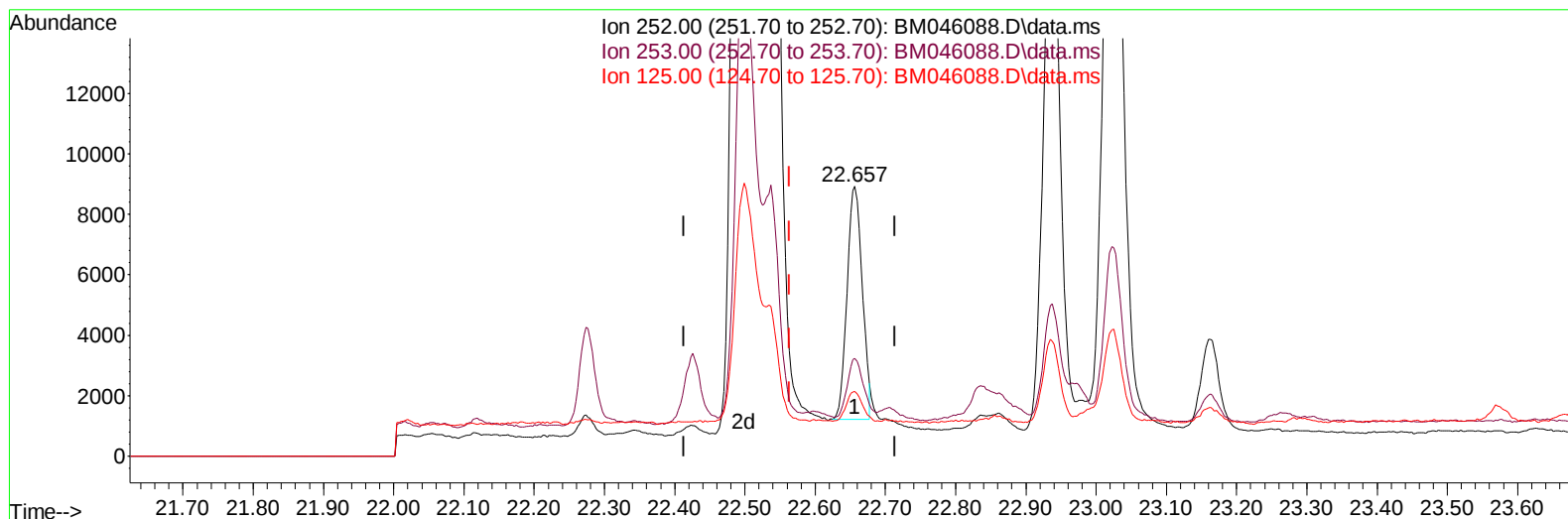
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046088.D
 Acq On : 19 Jun 2024 16:23
 Operator : MA/JU
 Sample : P2695-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7

Manual IntegrationsAPPROVED

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TIC: BM046088.D\data.ms

(25) Benzo(k)fluoranthene

22.657min (+ 0.093) 0.37 ng/u1

response 11625

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	36.12
125.00	20.80	23.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046088.D
 Acq On : 19 Jun 2024 16:23
 Operator : MA/JU
 Sample : P2695-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7

Manual IntegrationsAPPROVED

Quant Time: Jun 19 16:54:03 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2229	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	6335	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.084	164	3434	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.823	188	7092m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	6057m	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	7328m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10026	3.278	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.842	152	1752	0.206	ng/ul	-0.02
18) Fluoranthene-d10	18.857	212	4215	0.232	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.259	128	1598	0.090	ng/ul#	90
7) 2-Methylnaphthalene	11.914	142	463	0.047	ng/ul	94
8) 1-Methylnaphthalene	12.134	142	423	0.039	ng/ul	89
10) Acenaphthylene	13.797	152	4244	0.261	ng/ul	98
11) Acenaphthene	14.144	153	1896	0.161	ng/ul	98
12) Fluorene	15.139	166	2269	0.180	ng/ul#	97
15) Phenanthrene	16.861	178	60499m	3.036	ng/ul	
16) Anthracene	16.958	178	12177m	0.821	ng/ul	
19) Fluoranthene	18.884	202	172513	6.578	ng/ul	96
20) Pyrene	19.247	202	120643	4.254	ng/ul	97
21) Benzo(a)anthracene	21.006	228	73821	3.155	ng/ul	99
22) Chrysene	21.055	228	89492	2.997	ng/ul	100
24) Benzo(b)fluoranthene	22.499	252	136045m	5.153	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	47881m	1.525	ng/ul	
26) Benzo(a)pyrene	23.022	252	48602	1.987	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.165	276	54948	1.372	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.169	278	16947	0.569	ng/ul	97
29) Benzo(g,h,i)perylene	25.792	276	8701	0.253	ng/ul#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
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Sample : P2695-05
Misc :
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