

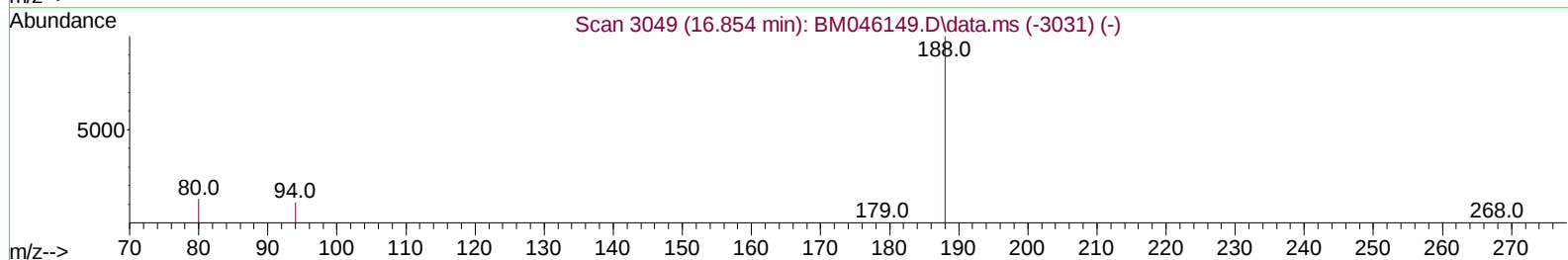
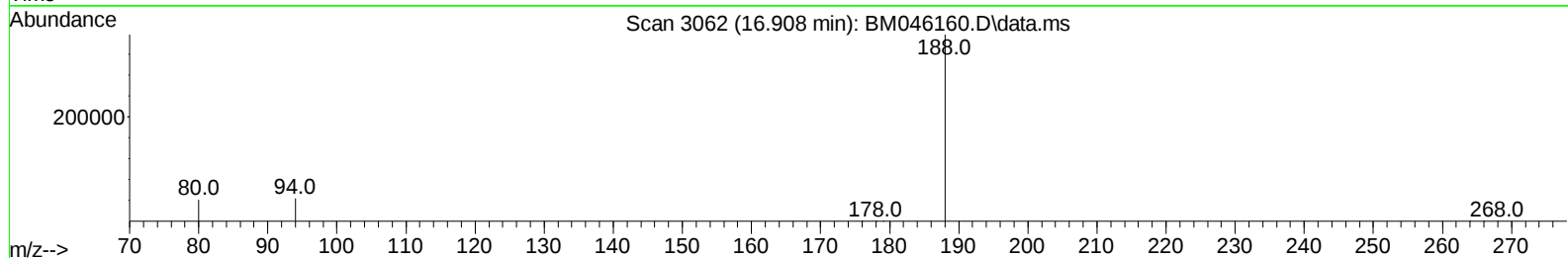
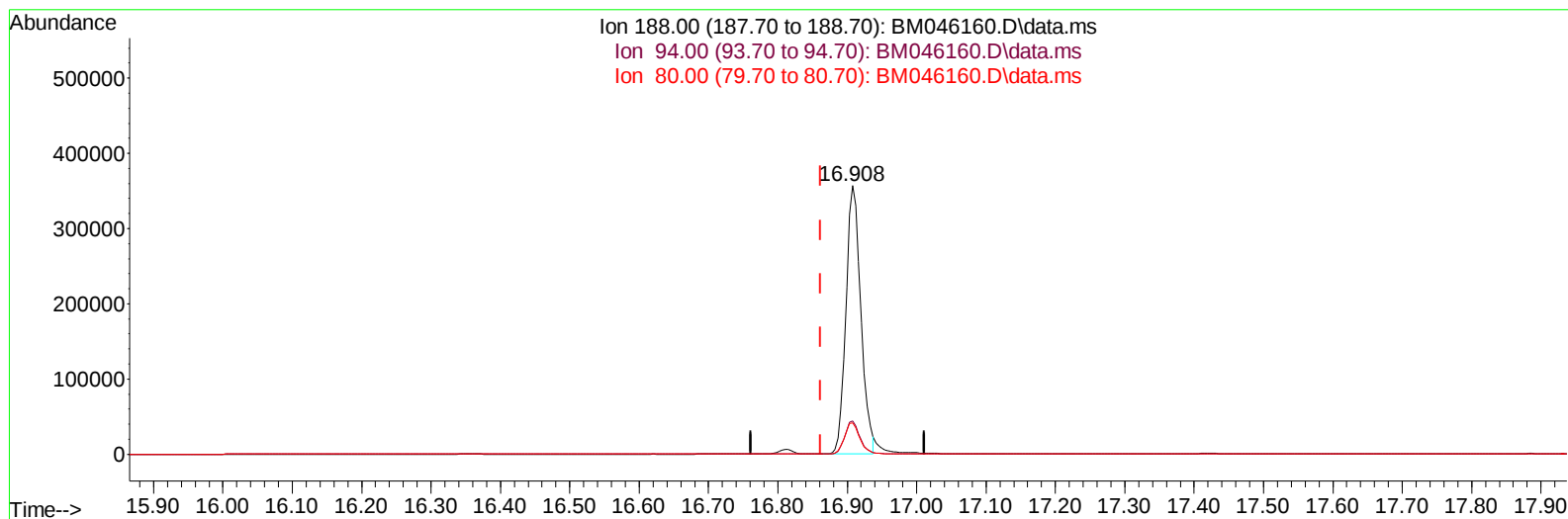
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

Quant Time: Jun 21 15:43:18 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 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046160.D\data.ms

(13) Phenanthrene-d10 (I)

16.908min (+ 0.046) 0.40 ng/u1

response 532295

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.33
80.00	15.20	11.71#
0.00	0.00	0.00

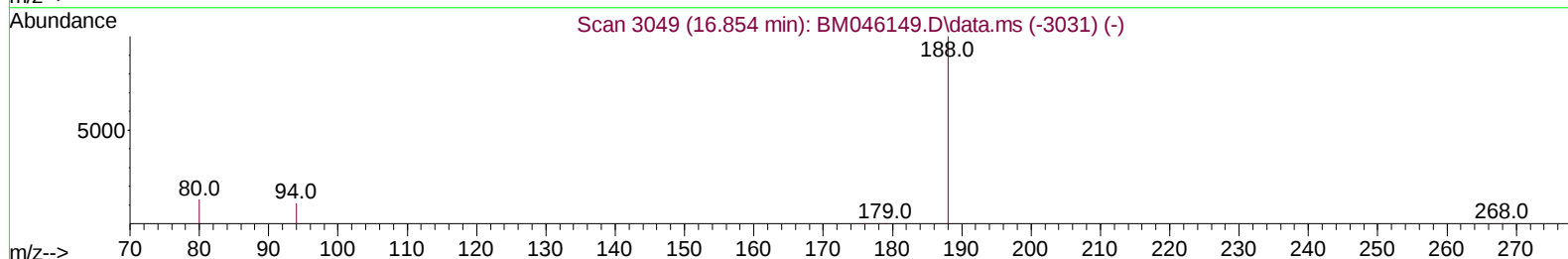
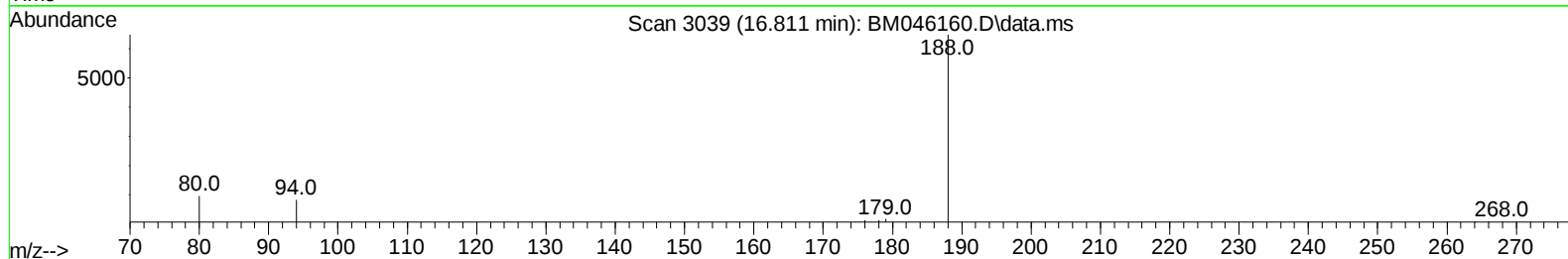
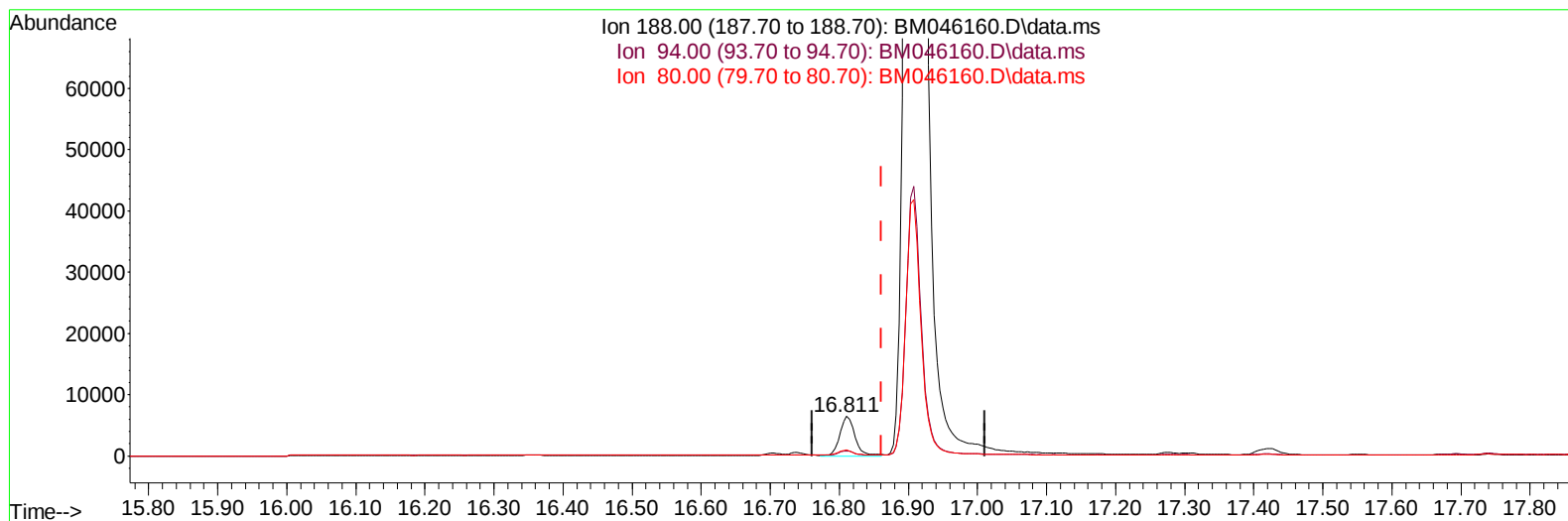
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046160.D\data.ms

(13) Phenanthrene-d10 (I)

16.811min (-0.051) 0.40 ng/ul m

response 9963

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.75
80.00	15.20	14.68
0.00	0.00	0.00

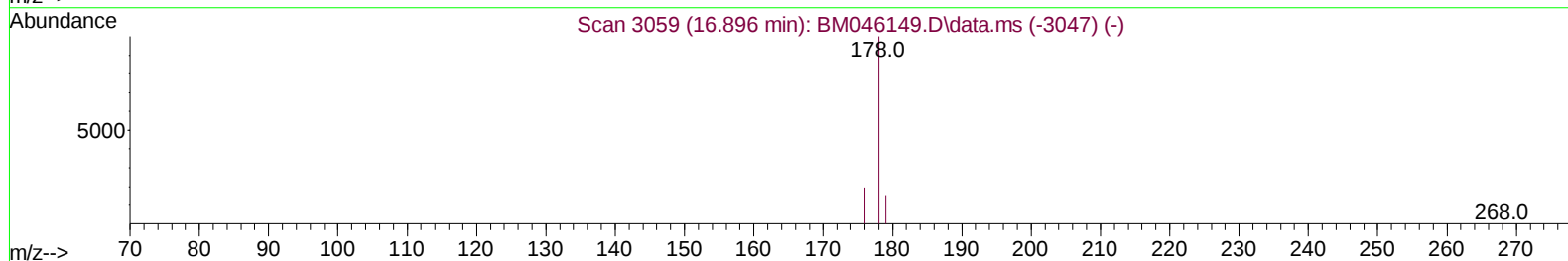
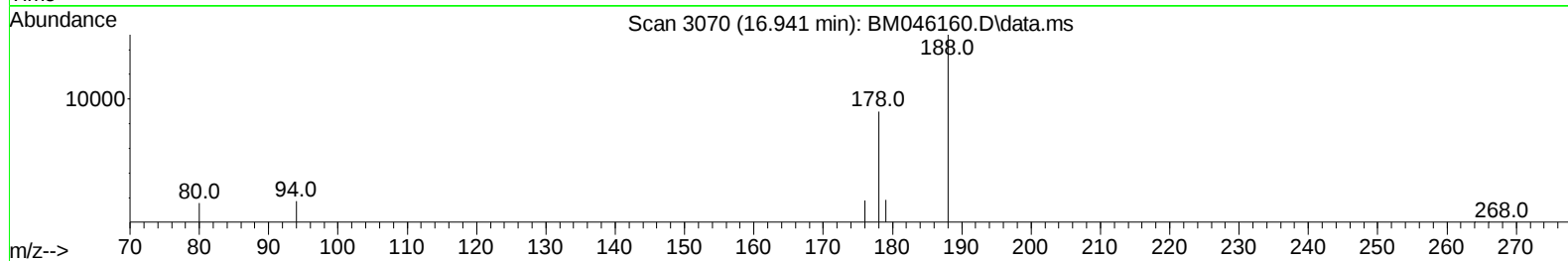
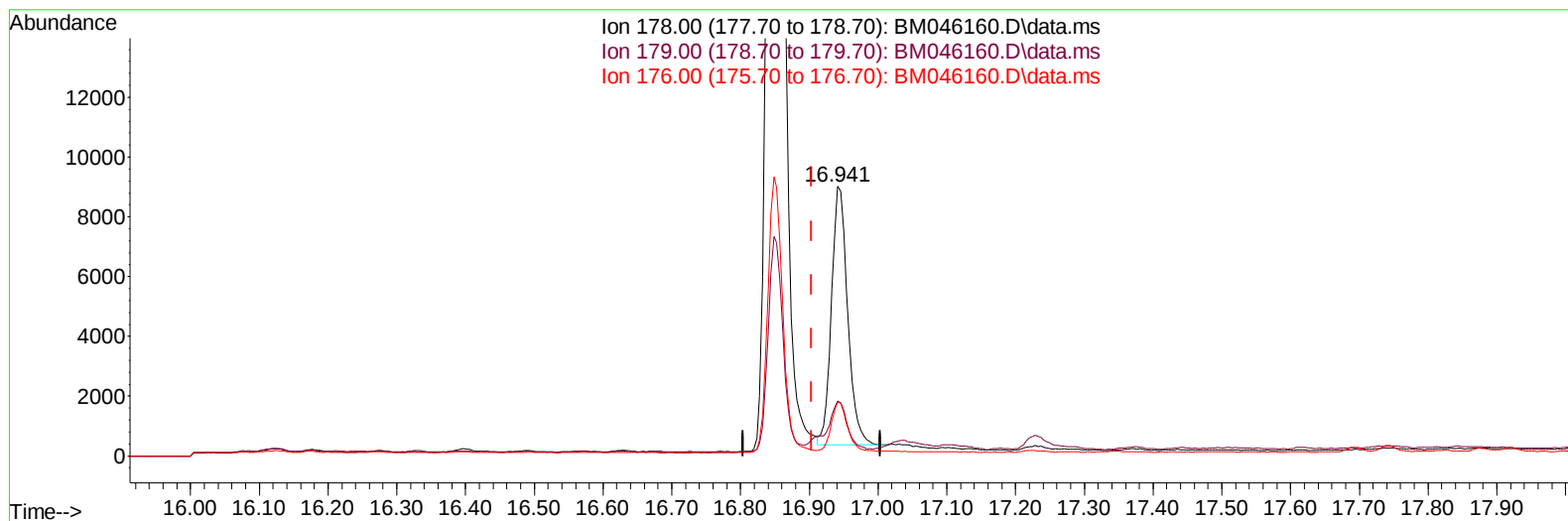
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

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TIC: BM046160.D\data.ms

(15) Phenanthrene

16.941min (+ 0.038) 0.50 ng/u1

response 14075

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	20.49
176.00	21.40	19.85
0.00	0.00	0.00

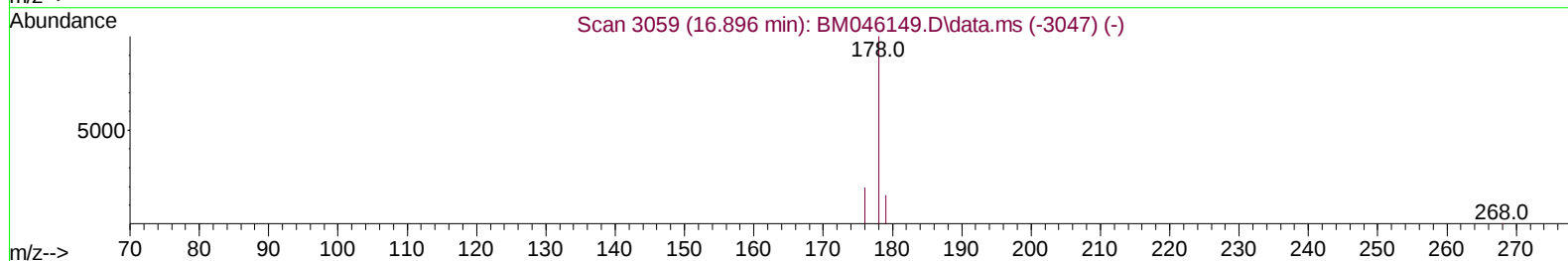
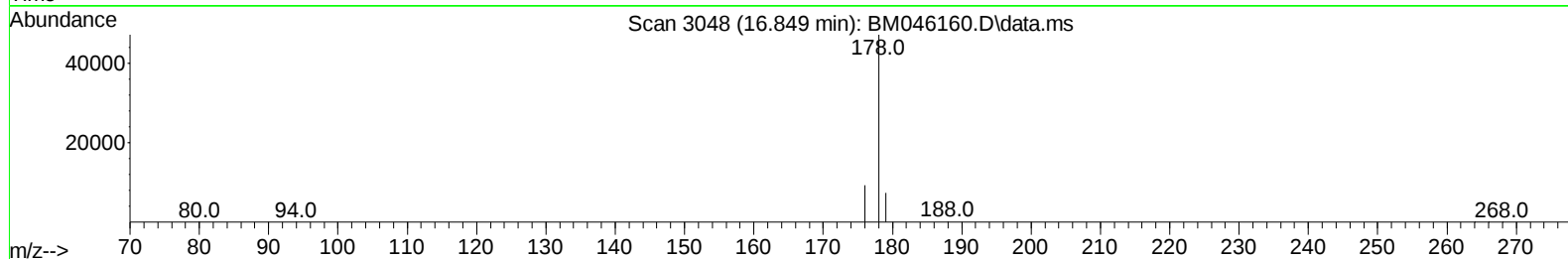
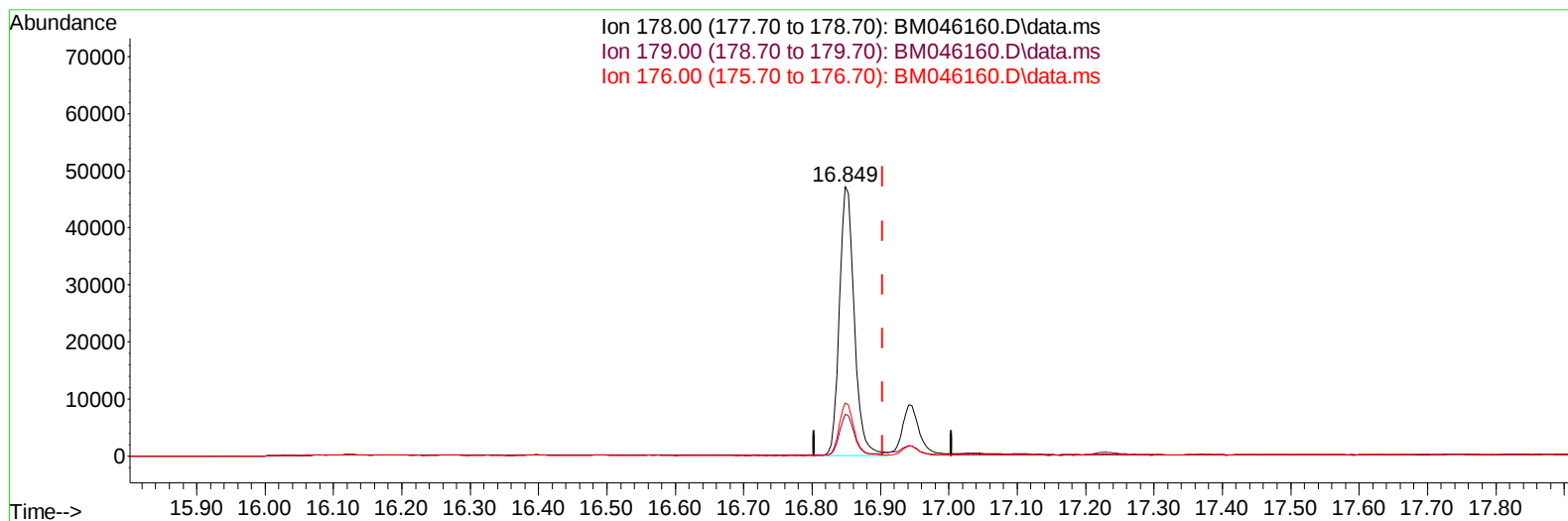
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046160.D
 Acq On : 21 Jun 2024 15:09
 Operator : MA/JU
 Sample : P2754-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP7

Manual IntegrationsAPPROVED

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 QLast Update : Tue Jun 18 13:58:29 2024
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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046160.D\data.ms

(15) Phenanthrene

16.849min (-0.055) 2.56 ng/u1 m

response 71648

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.56
176.00	21.40	19.77
0.00	0.00	0.00

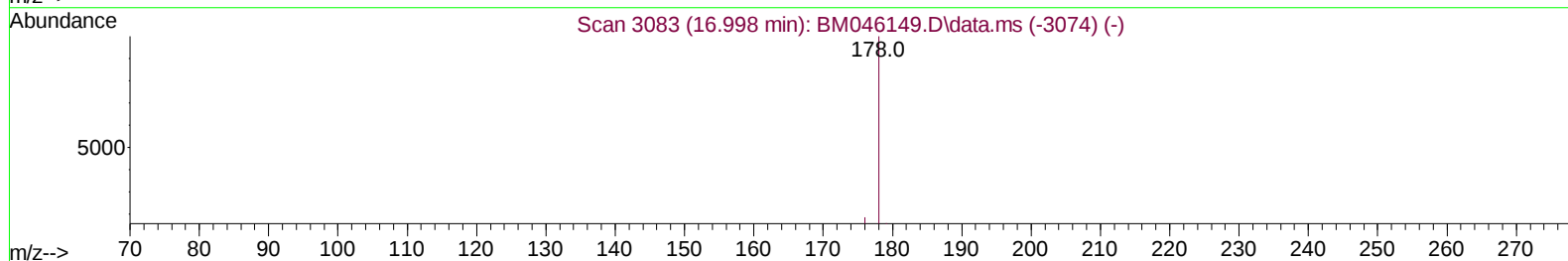
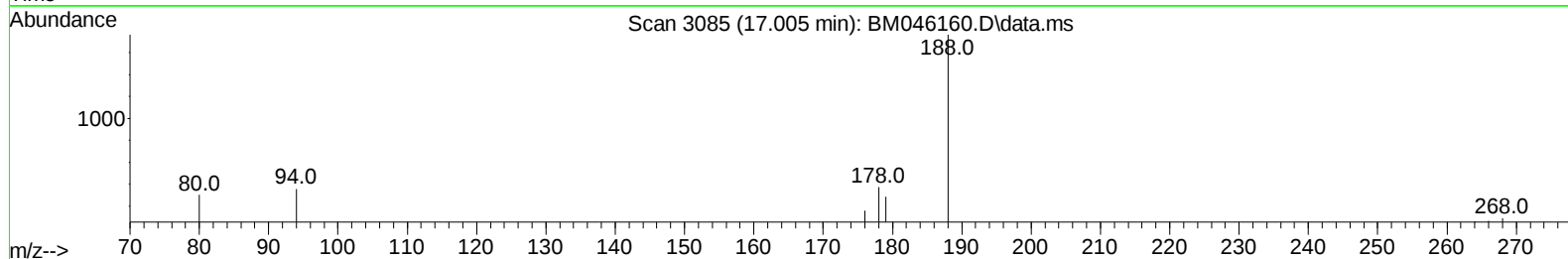
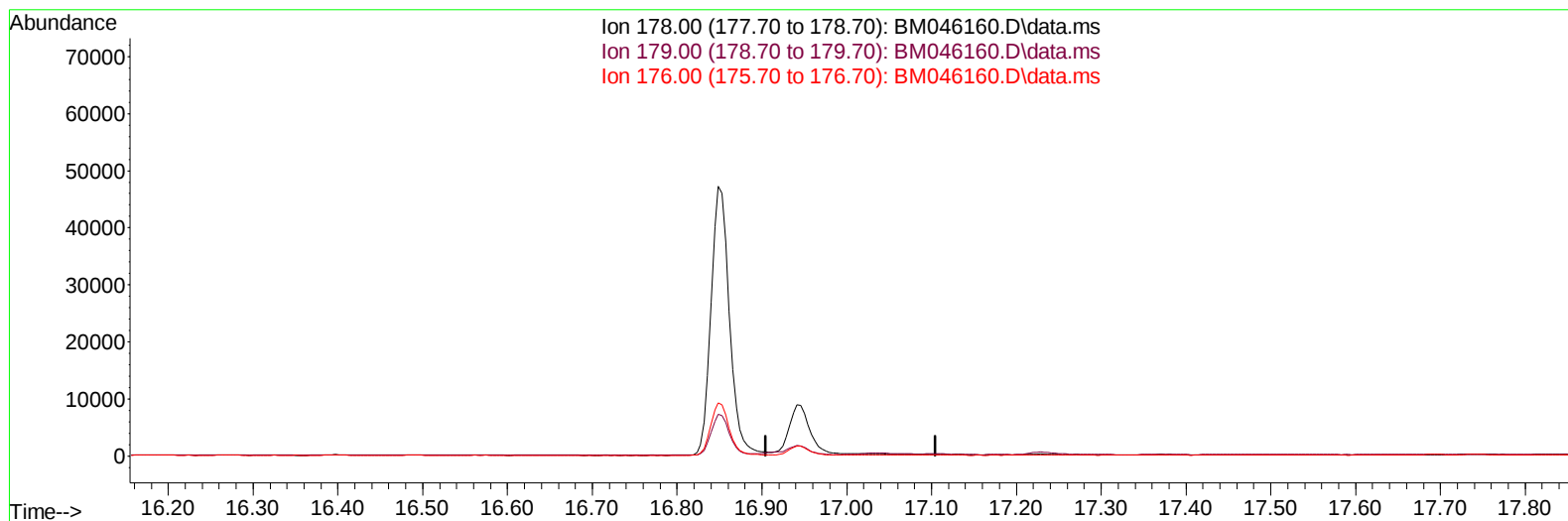
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046160.D
 Acq On : 21 Jun 2024 15:09
 Operator : MA/JU
 Sample : P2754-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP7

Manual IntegrationsAPPROVED

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TIC: BM046160.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

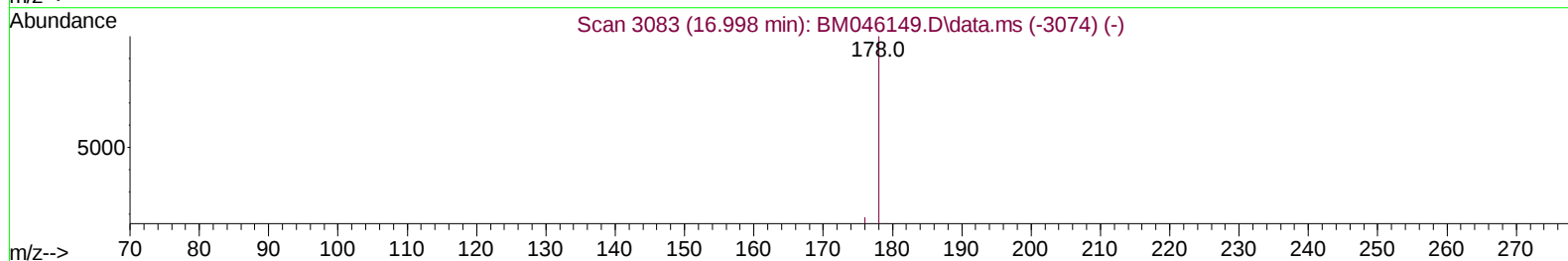
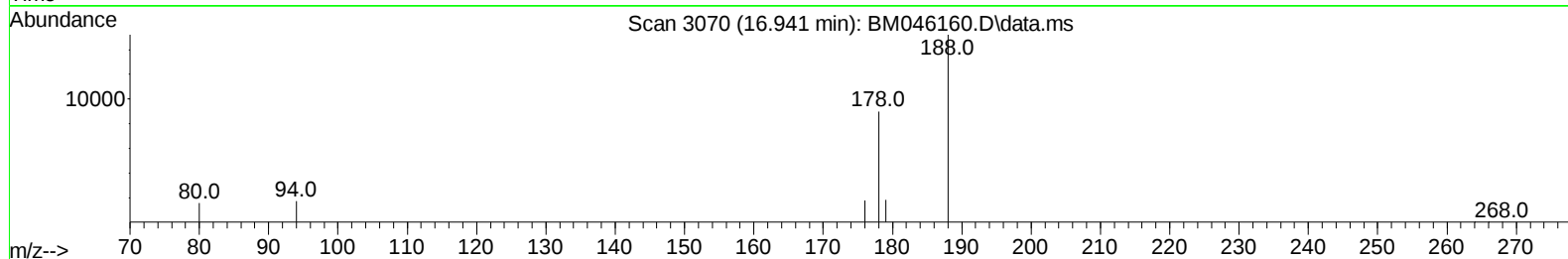
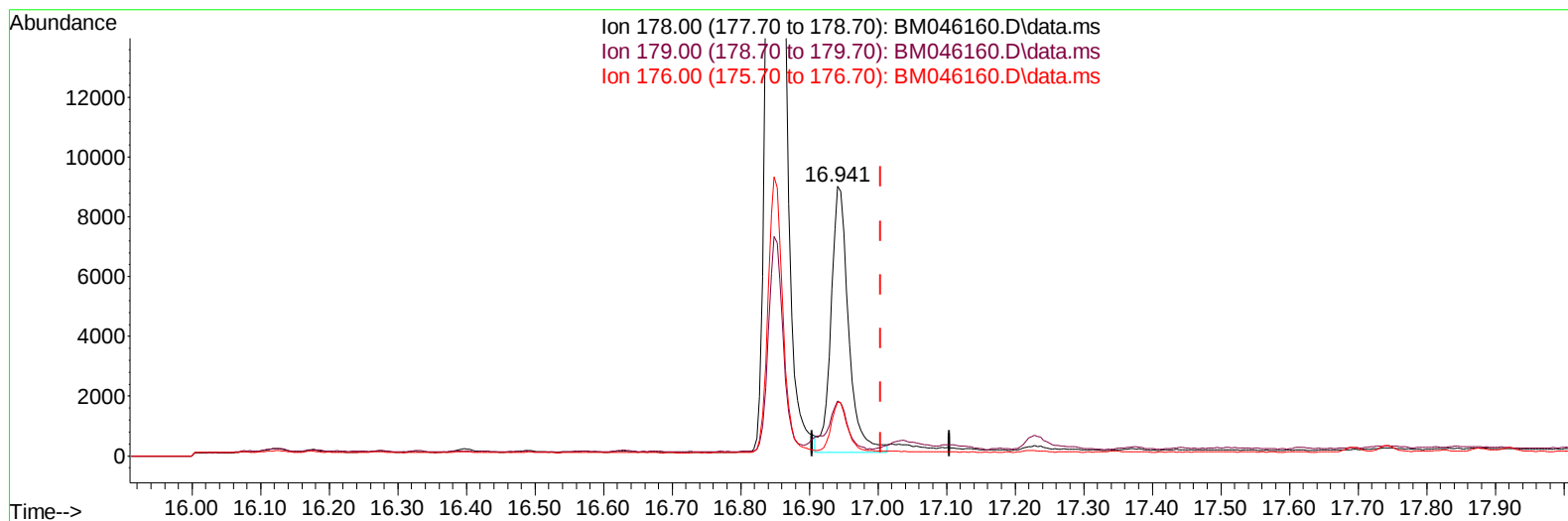
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046160.D\data.ms

(16) Anthracene

16.941min (-0.063) 0.76 ng/ul m

response 15783

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	20.49
176.00	21.20	19.85
0.00	0.00	0.00

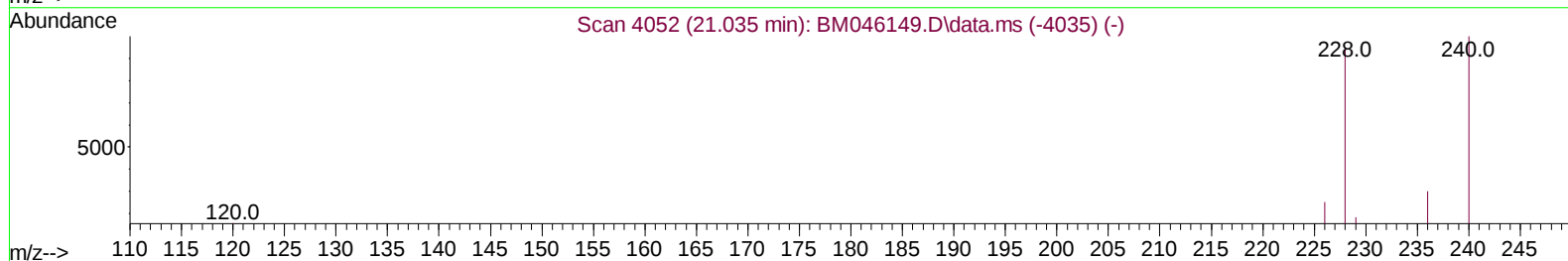
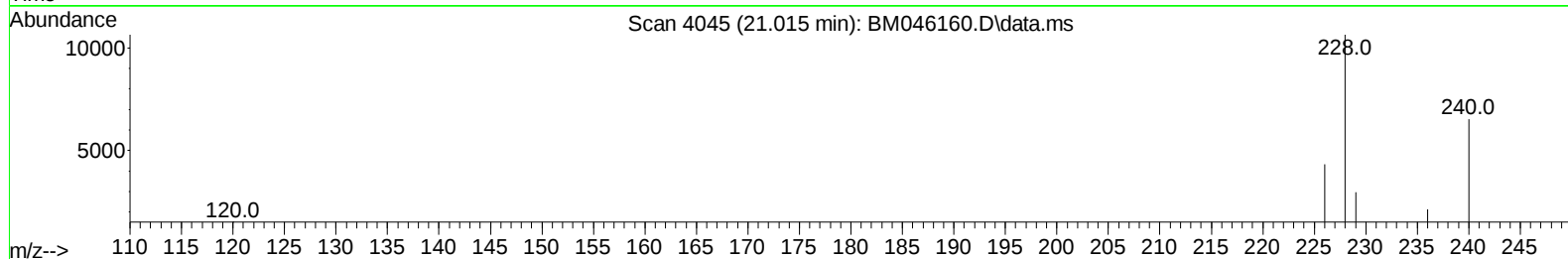
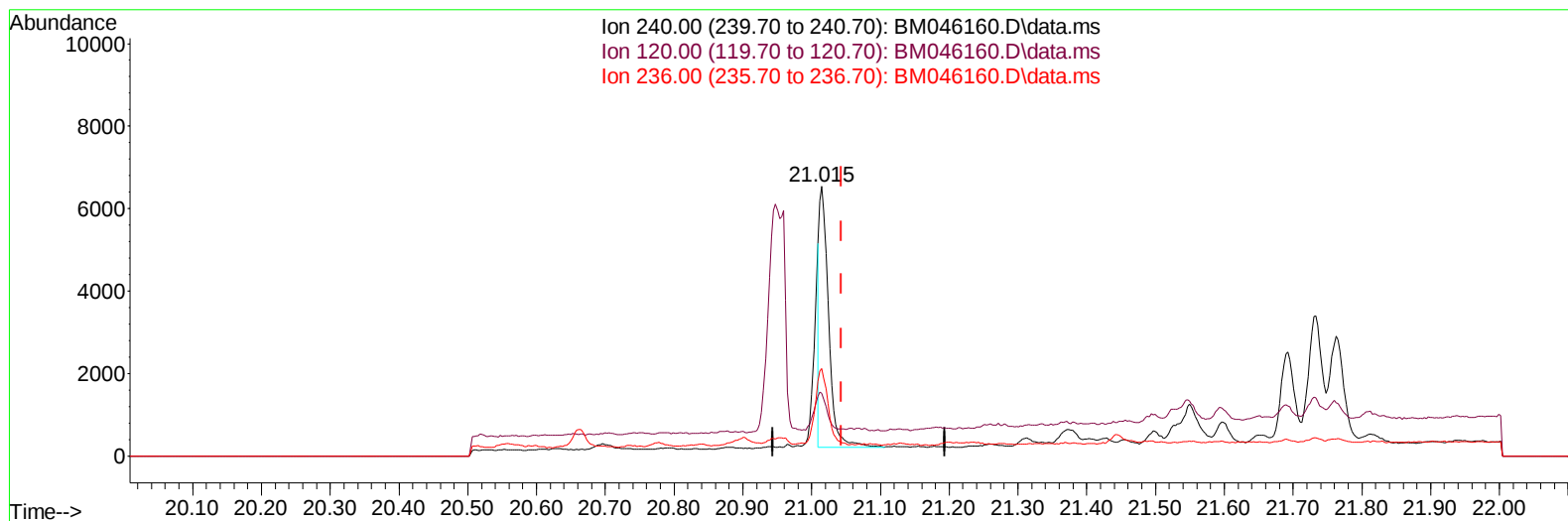
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

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TIC: BM046160.D\data.ms

(17) Chrysene-d12

21.015min (-0.029) 0.40 ng/u1

response 5929

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	23.13
236.00	33.60	32.53
0.00	0.00	0.00

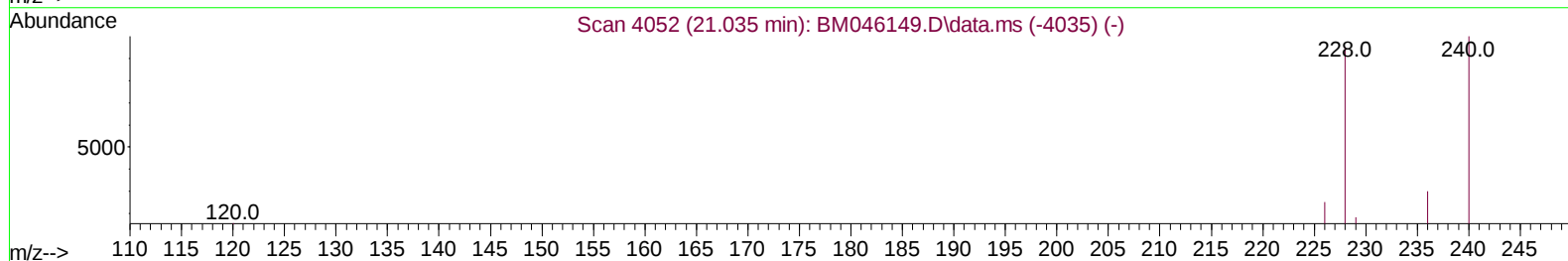
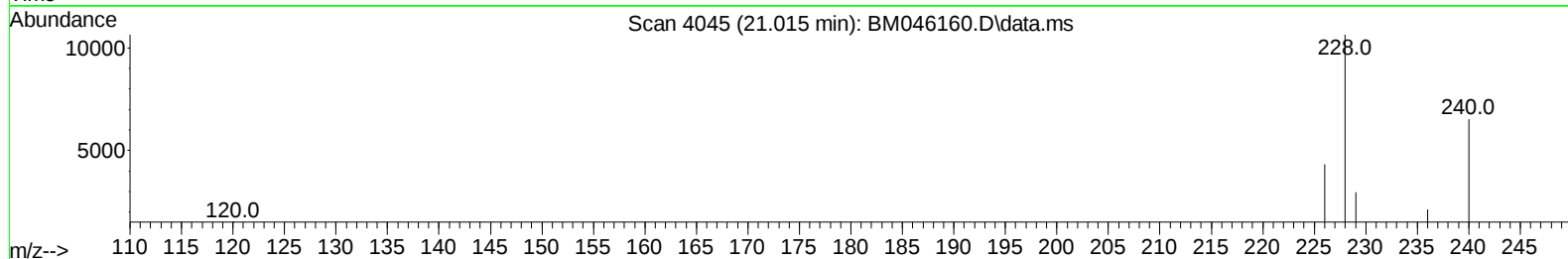
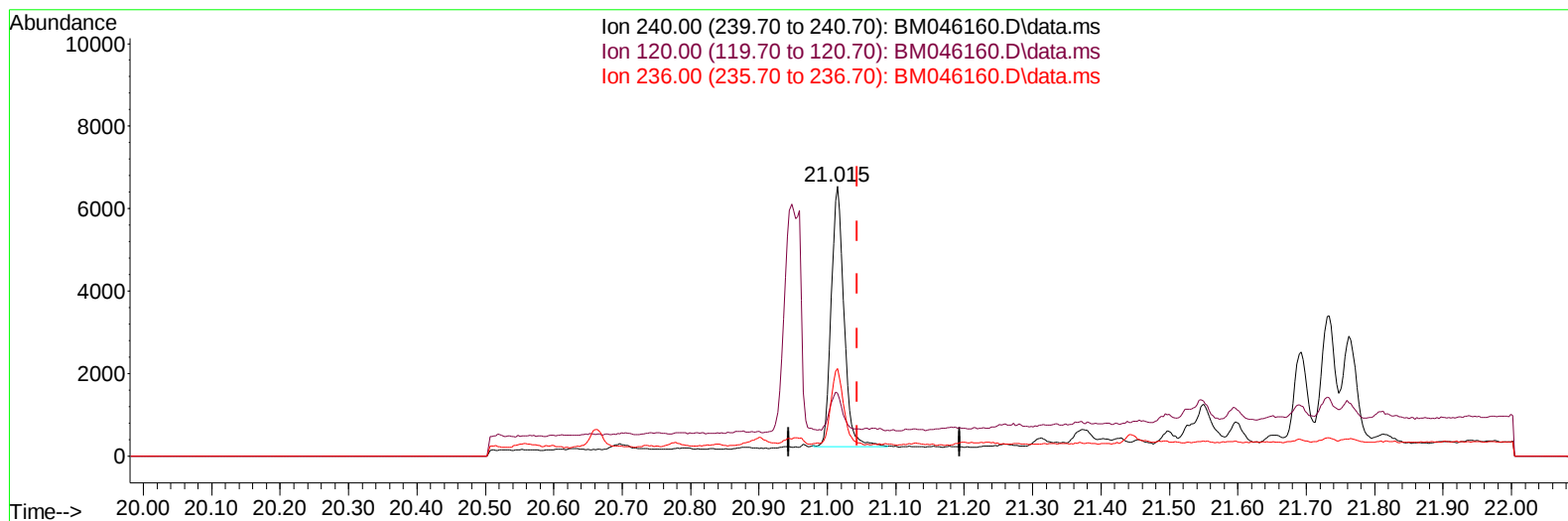
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

Quant Time: Jun 21 15:43:18 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: BM046160.D\data.ms

(17) Chrysene-d12

21.015min (-0.029) 0.40 ng/ul m

response 8148

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	23.13
236.00	33.60	32.53
0.00	0.00	0.00

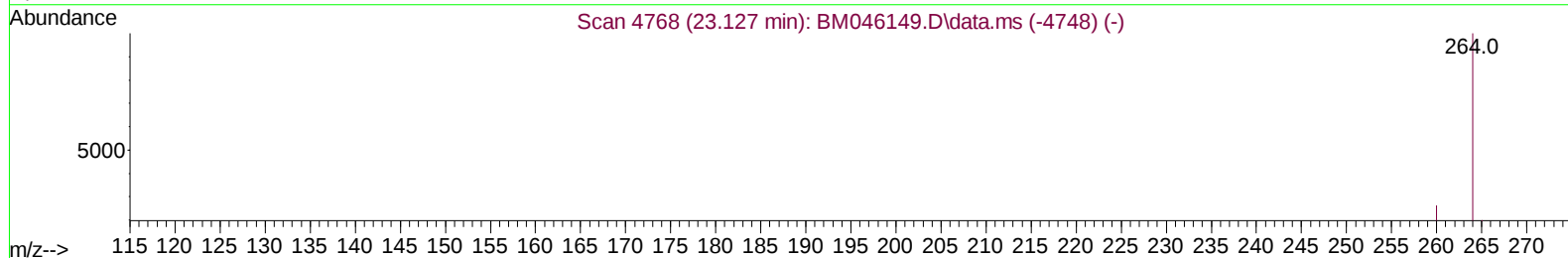
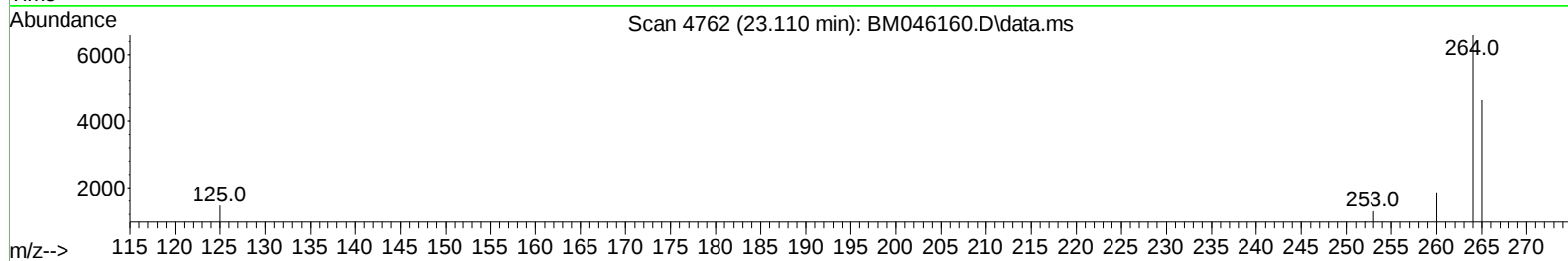
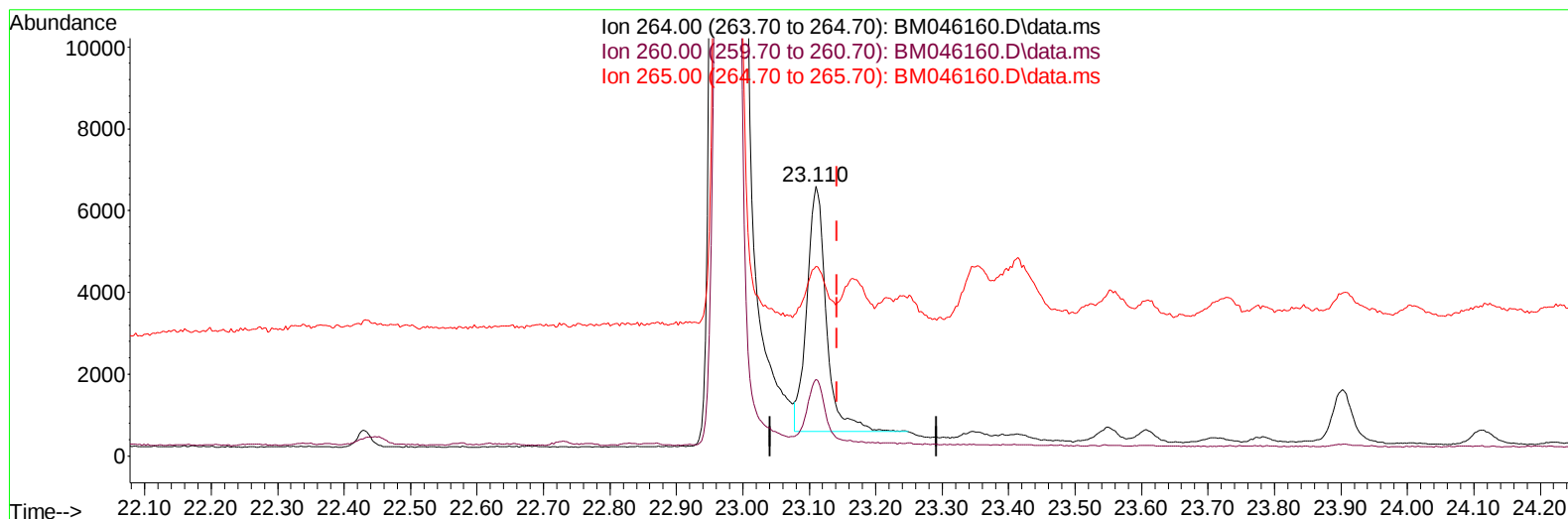
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

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TIC: BM046160.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.032) 0.40 ng/u1

response 12307

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.34
265.00	110.60	70.33#
0.00	0.00	0.00

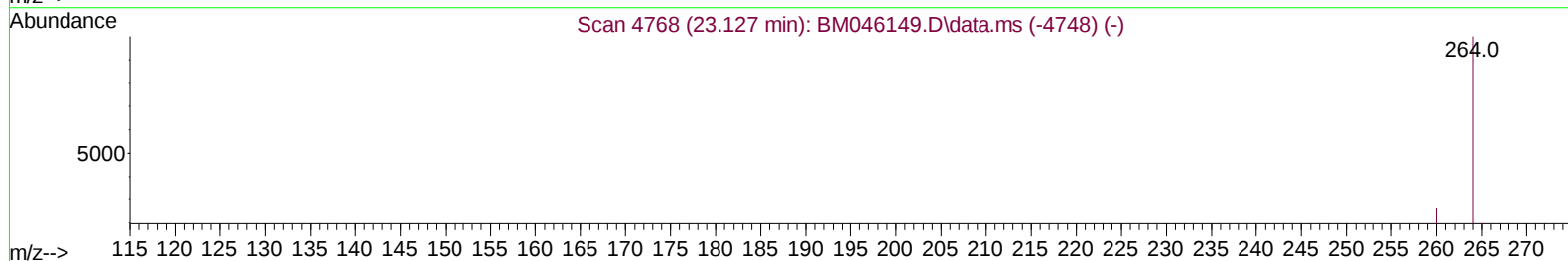
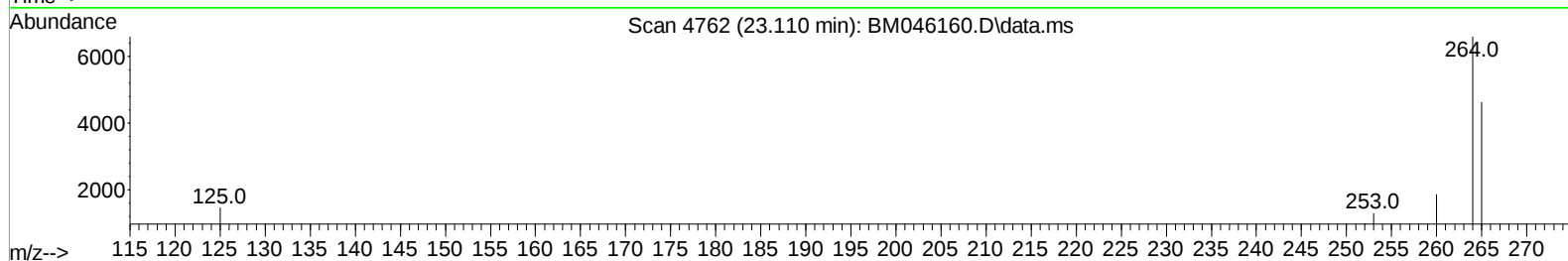
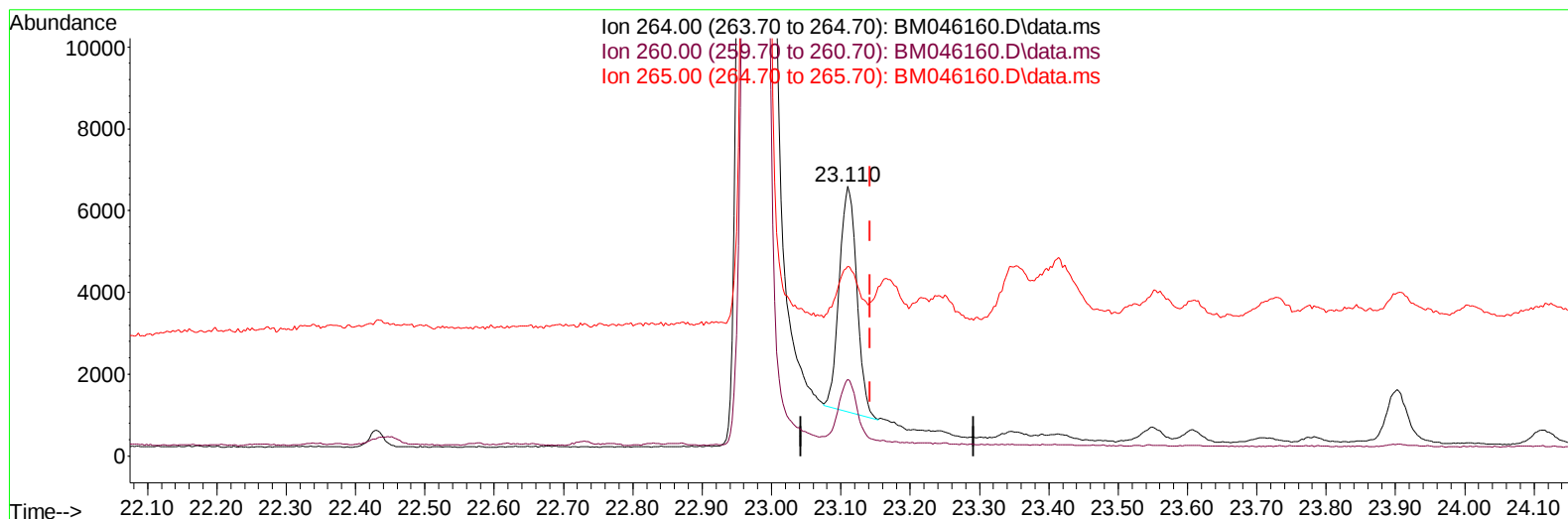
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

Quant Time: Jun 21 15:43:18 2024
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TIC: BM046160.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.032) 0.40 ng/ul m

response 9659

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.34
265.00	110.60	70.33#
0.00	0.00	0.00

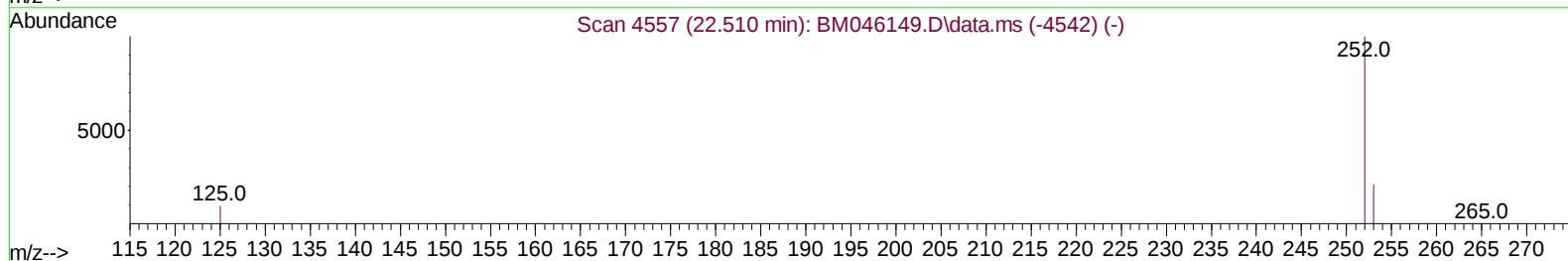
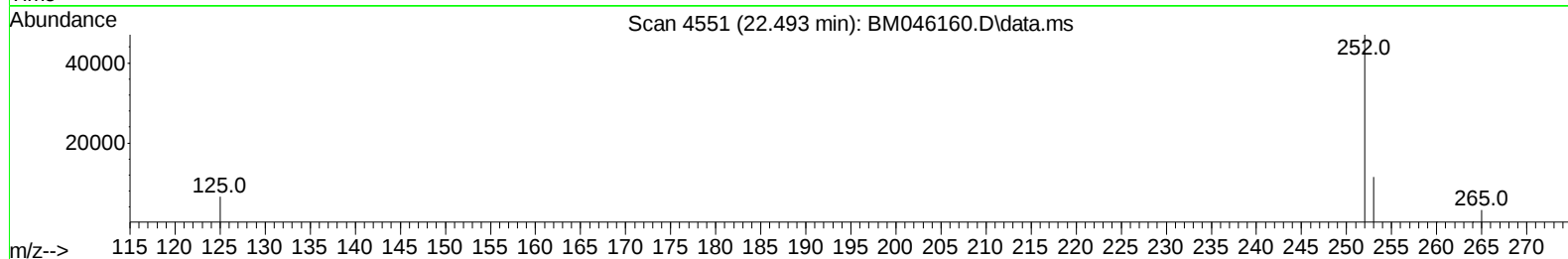
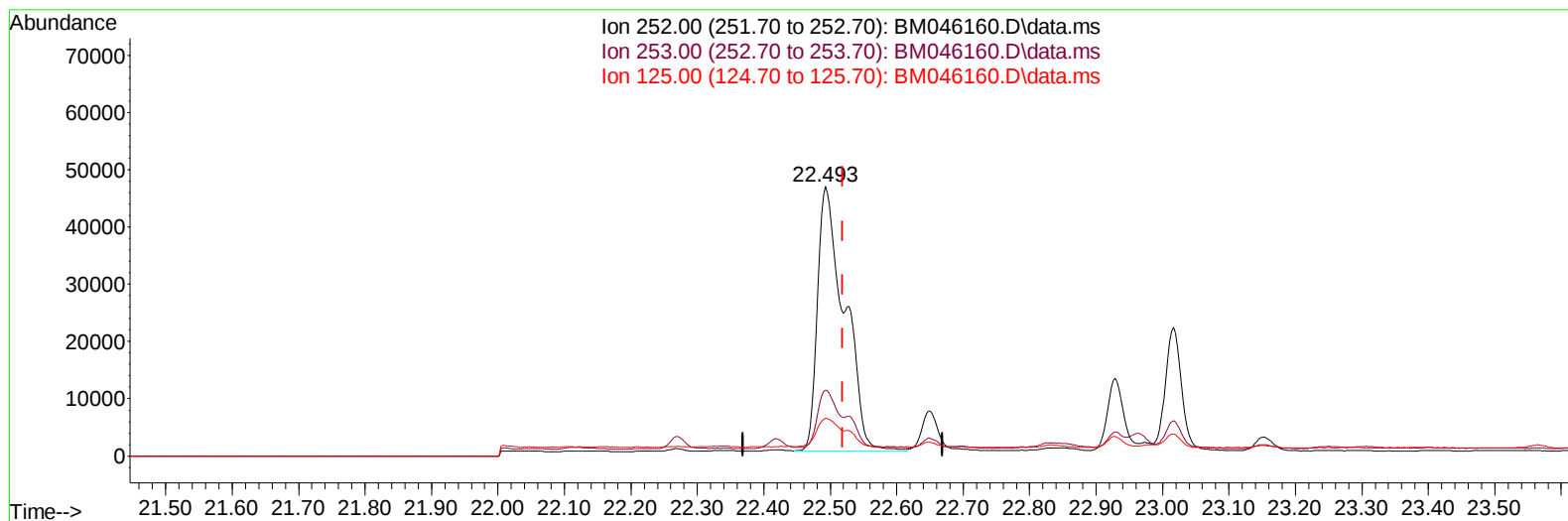
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

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TIC: BM046160.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.026) 3.74 ng/u1

response 130264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.40
125.00	20.10	13.96
0.00	0.00	0.00

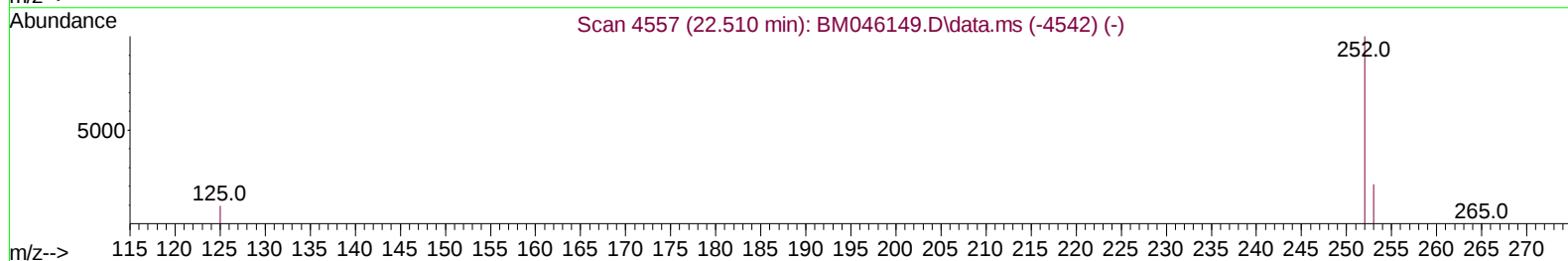
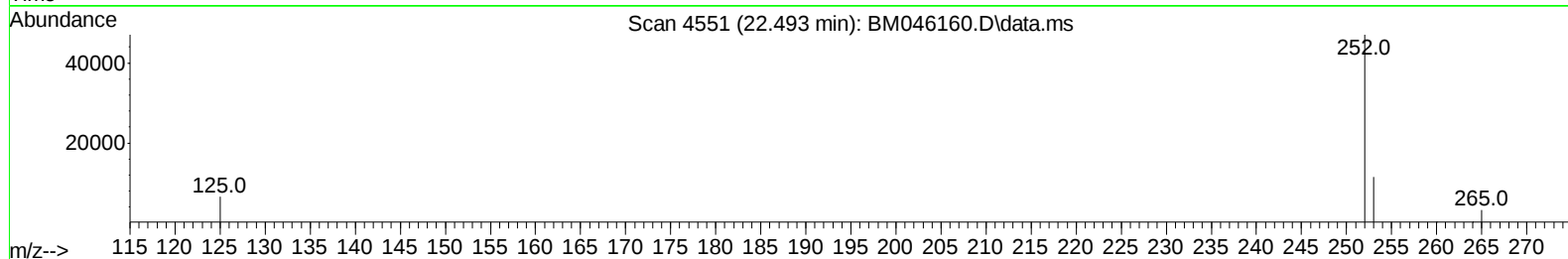
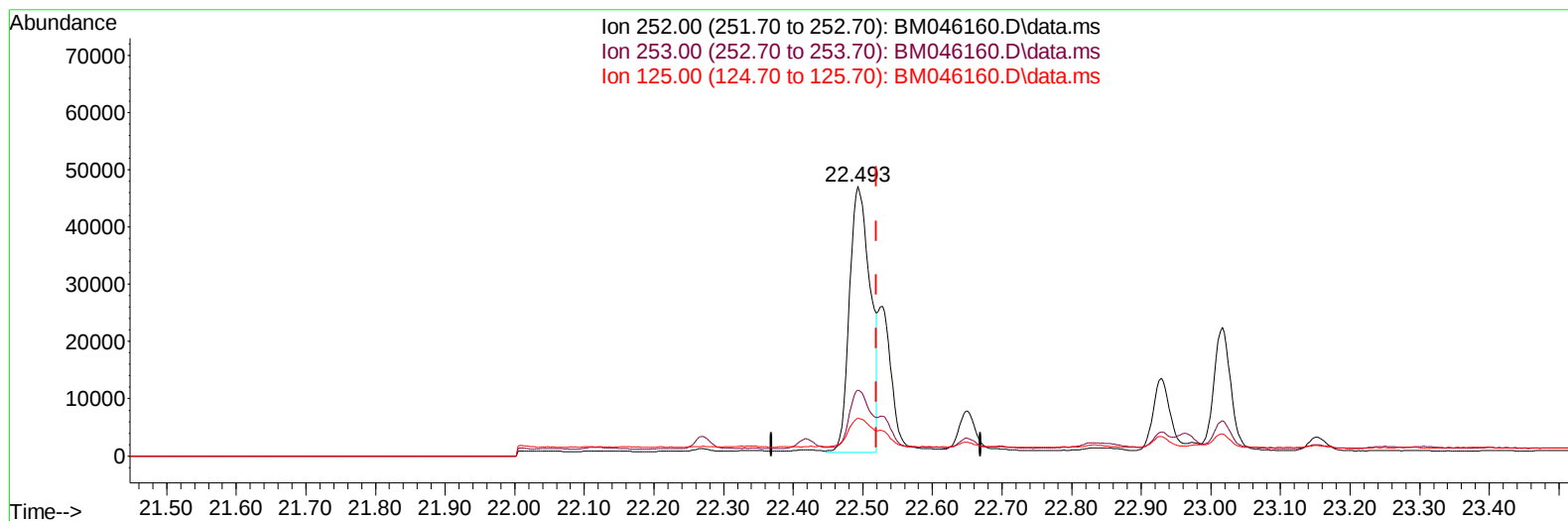
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046160.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.026) 2.78 ng/u1 m

response 96784

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.40
125.00	20.10	13.96
0.00	0.00	0.00

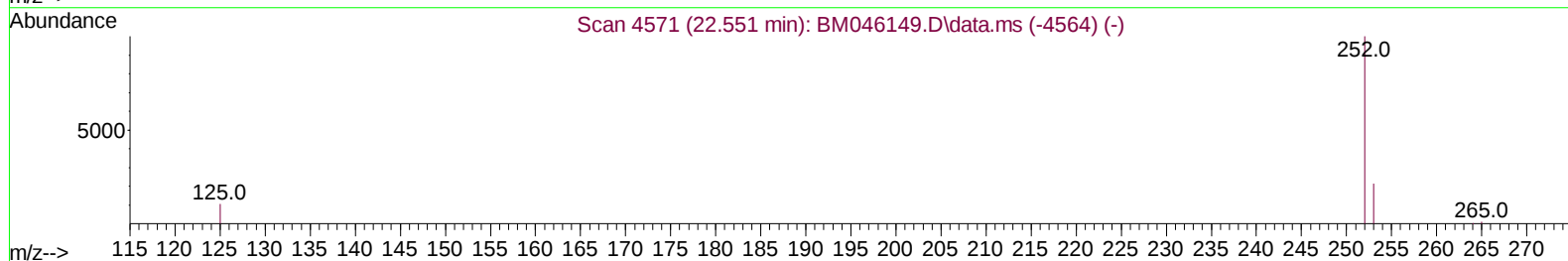
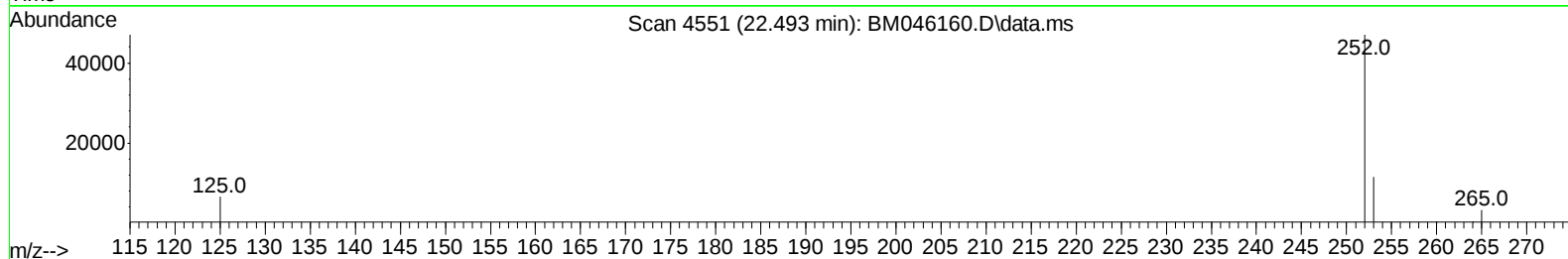
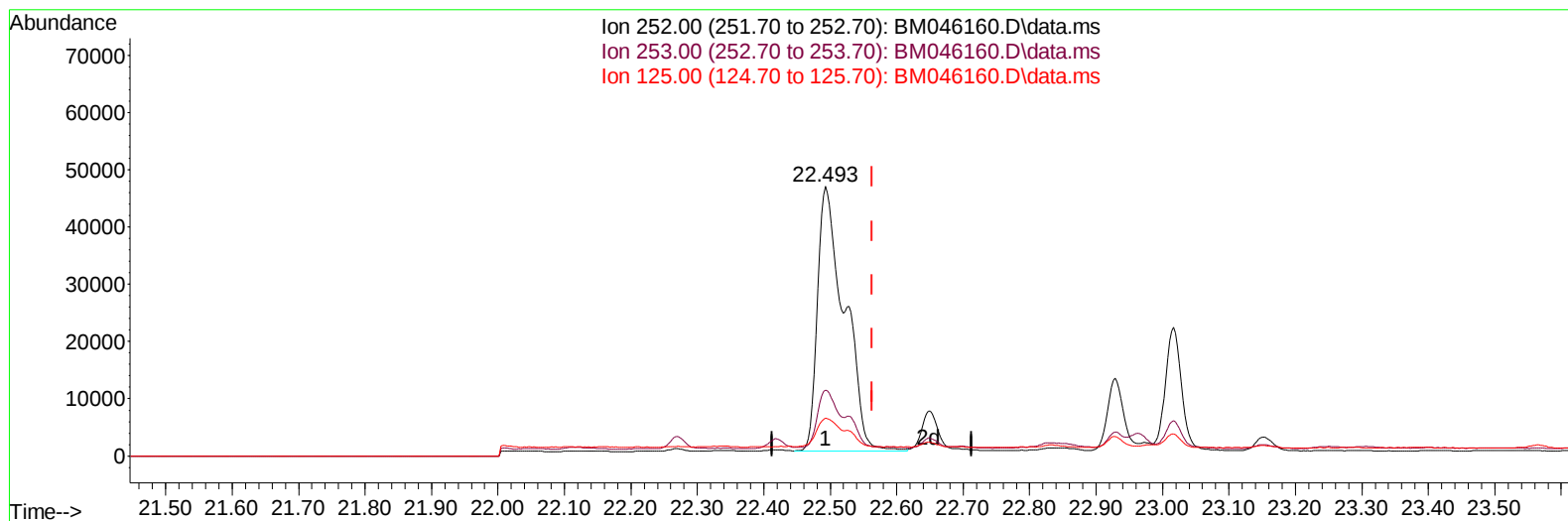
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
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Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

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TIC: BM046160.D\data.ms

(25) Benzo(k)fluoranthene

22.493min (-0.070) 3.15 ng/u1

response 130264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.40#
125.00	20.80	13.96#
0.00	0.00	0.00

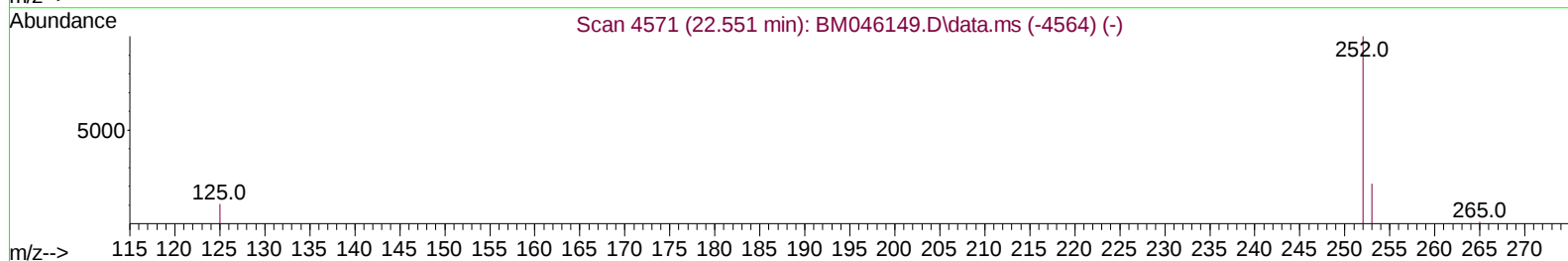
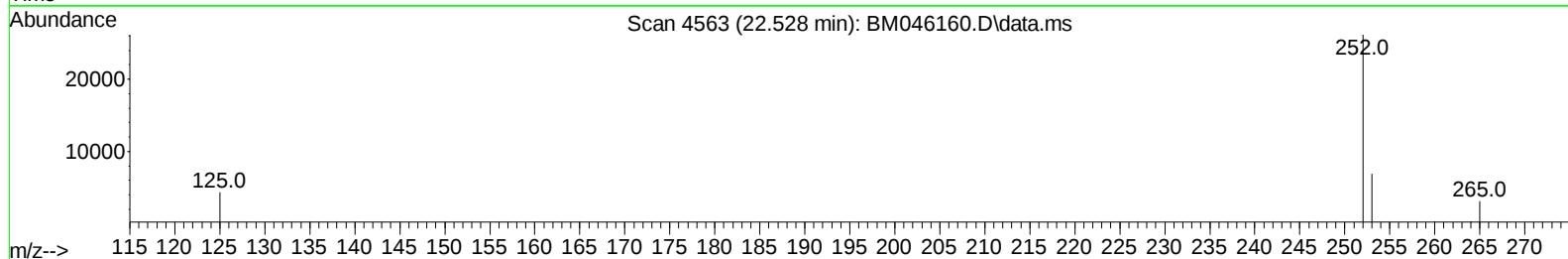
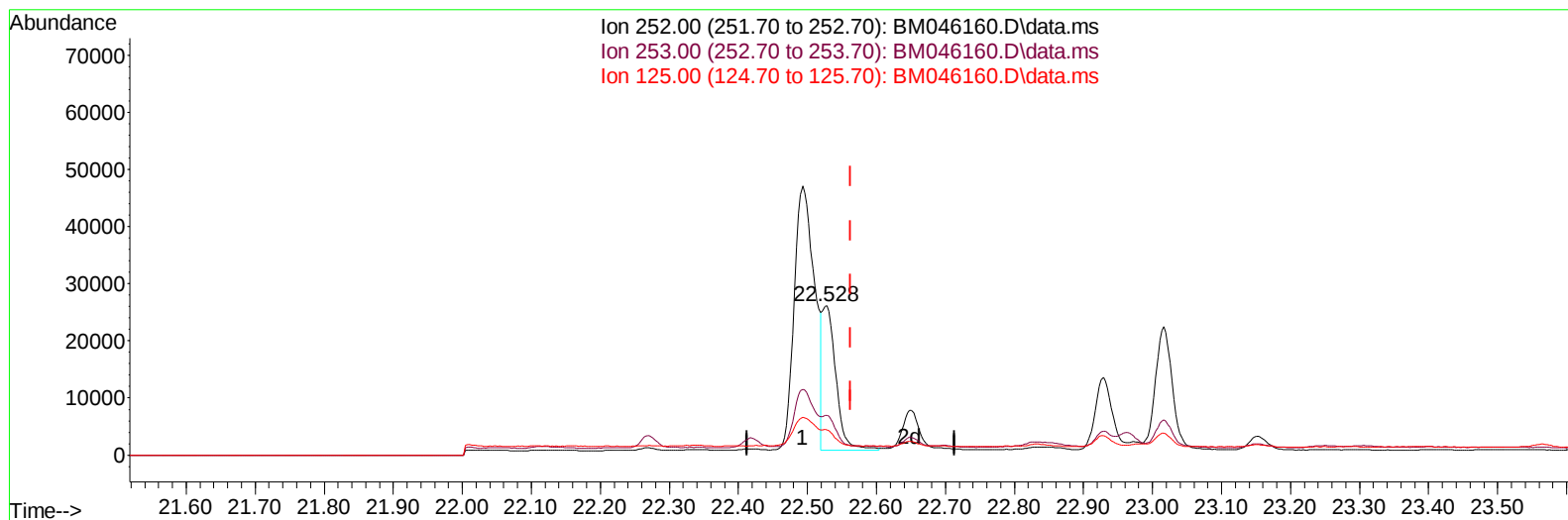
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046160.D
Acq On : 21 Jun 2024 15:09
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 15:43:18 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: BM046160.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.035) 0.83 ng/u1 m

response 34452

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.39#
125.00	20.80	16.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2776	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.187	136	8134	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.066	164	4473	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.811	188	9963m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240	8148m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	9659m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	13818	3.628	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	3041	0.278	ng/ul	-0.05
18) Fluoranthene-d10	18.847	212	7162	0.293	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.237	128	2409	0.106	ng/ul#	95
7) 2-Methylnaphthalene	11.887	142	796	0.062	ng/ul	98
8) 1-Methylnaphthalene	12.101	142	621	0.044	ng/ul	100
10) Acenaphthylene	13.784	152	3542	0.167	ng/ul#	94
11) Acenaphthene	14.131	153	2854	0.186	ng/ul	98
12) Fluorene	15.121	166	3851	0.234	ng/ul	99
15) Phenanthrene	16.849	178	71648m	2.560	ng/ul	
16) Anthracene	16.941	178	15783m	0.757	ng/ul	
19) Fluoranthene	18.875	202	147154	4.171	ng/ul	96
20) Pyrene	19.238	202	111805	2.930	ng/ul	97
21) Benzo(a)anthracene	20.997	228	65251	2.073	ng/ul	99
22) Chrysene	21.050	228	69262	1.724	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	96784m	2.781	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	34452m	0.833	ng/ul	
26) Benzo(a)pyrene	23.016	252	36797	1.141	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.155	276	36904	0.699	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.159	278	11420	0.291	ng/ul#	91
29) Benzo(g,h,i)perylene	25.783	276	5477	0.121	ng/ul#	77

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

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