

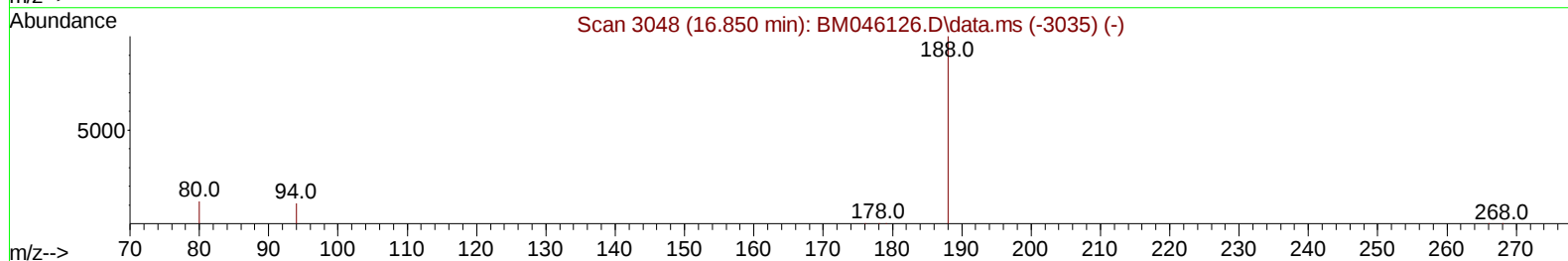
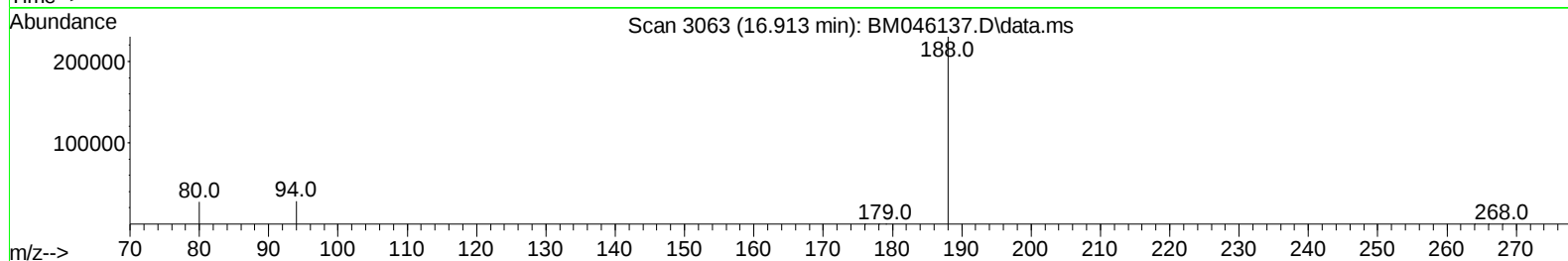
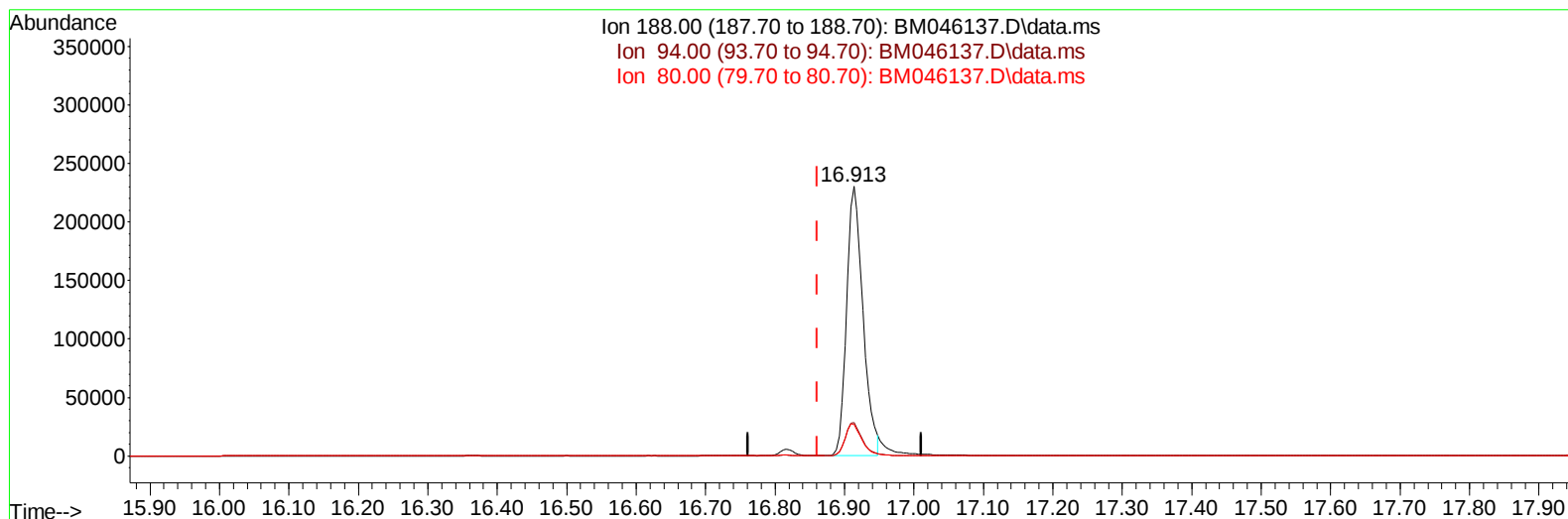
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:49 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: BM046137.D\data.ms

(13) Phenanthrene-d10 (I)

16.913min (+ 0.052) 0.40 ng/u1

response 375190

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.33
80.00	15.20	11.74#
0.00	0.00	0.00

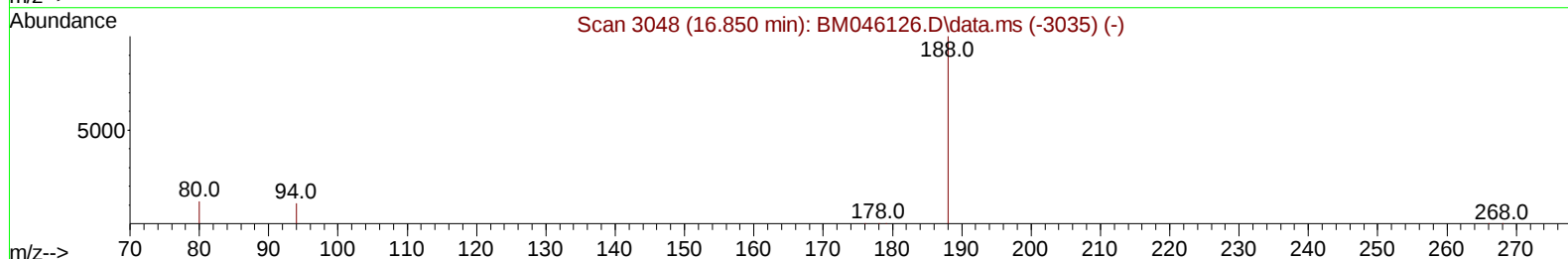
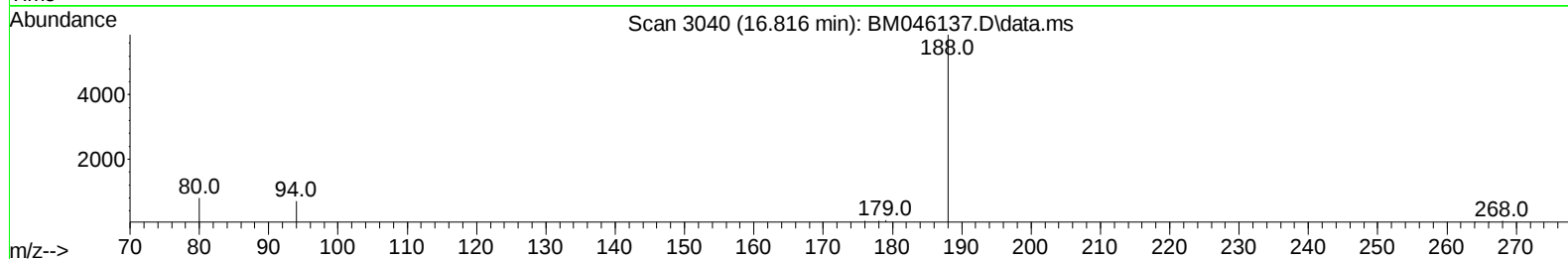
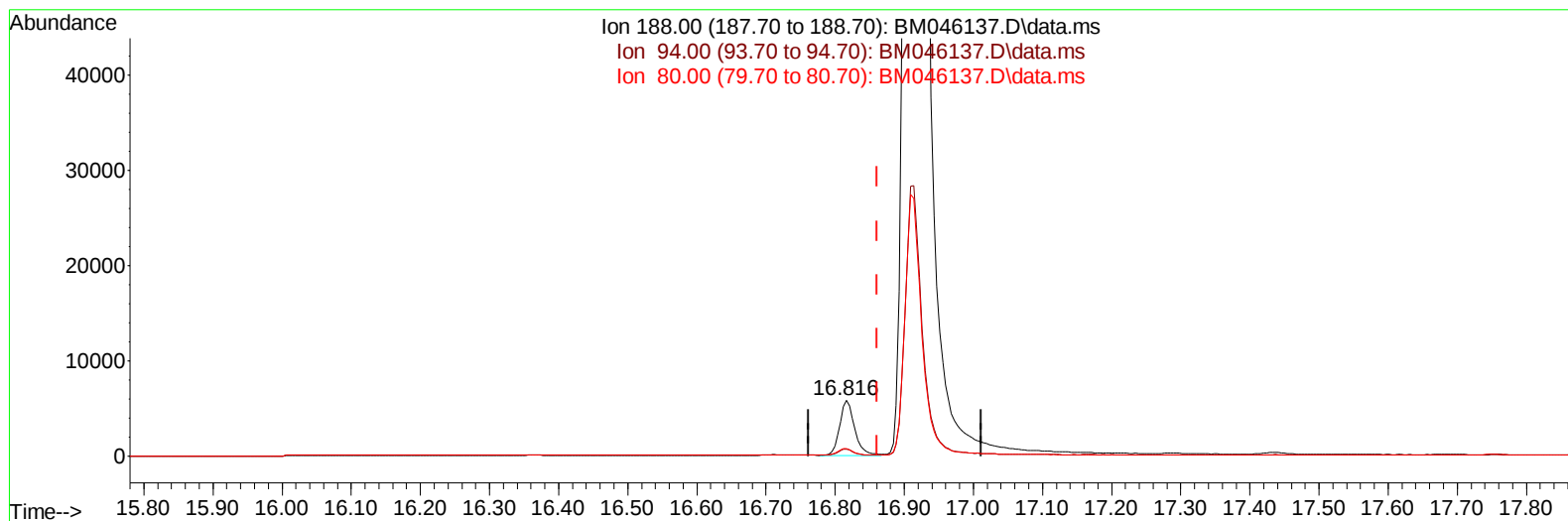
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:49 2024
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TIC: BM046137.D\data.ms

(13) Phenanthrene-d10 (I)

16.816min (-0.045) 0.40 ng/ul m

response 8720

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.88
80.00	15.20	13.64
0.00	0.00	0.00

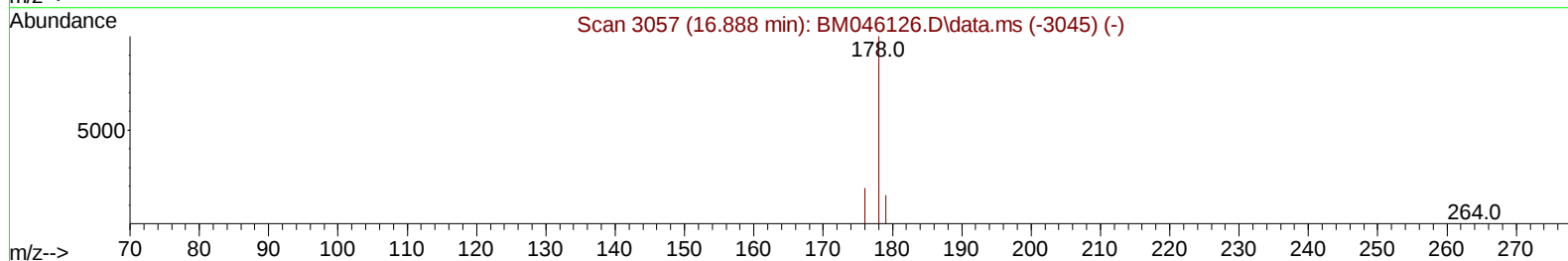
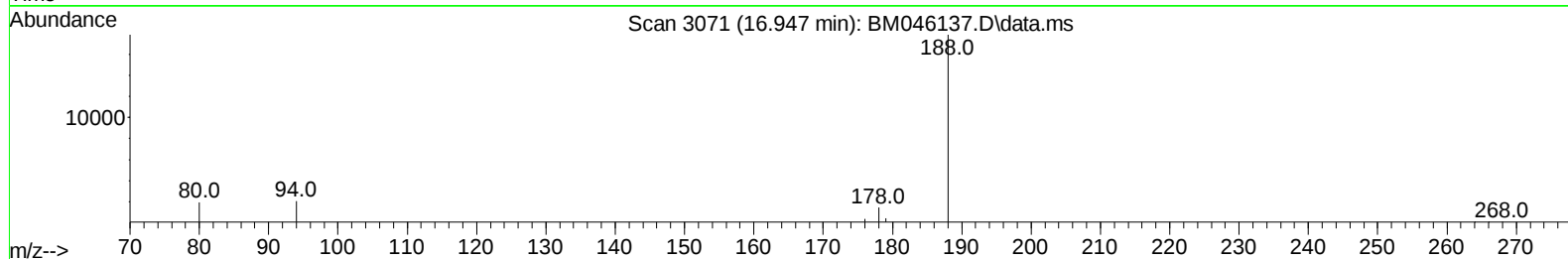
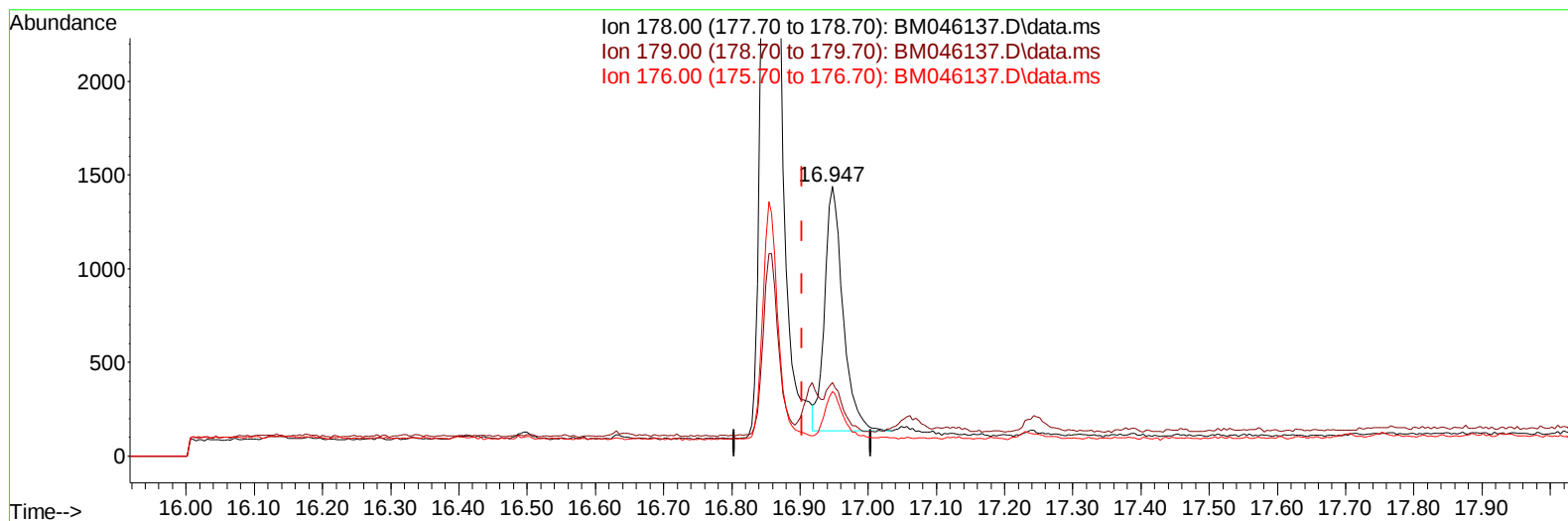
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

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Quant Time: Jun 21 02:49:49 2024
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TIC: BM046137.D\data.ms

(15) Phenanthrene

16.947min (+ 0.044) 0.10 ng/u1

response 2414

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	27.33#
176.00	21.40	23.85
0.00	0.00	0.00

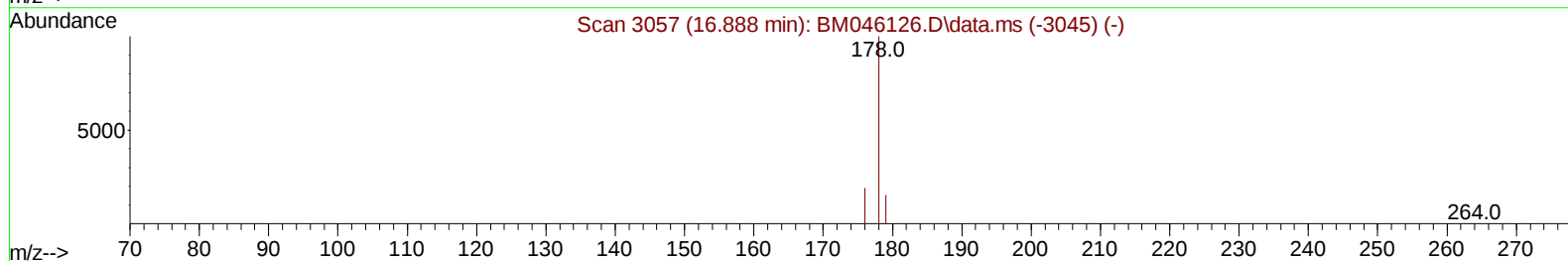
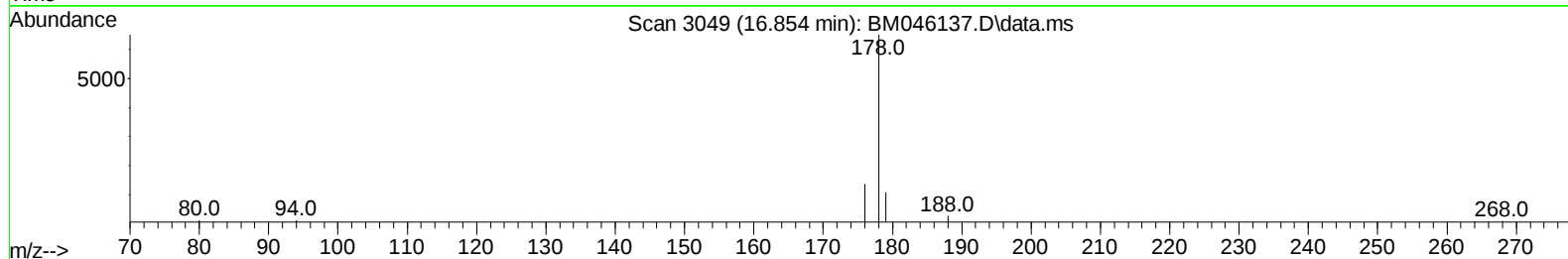
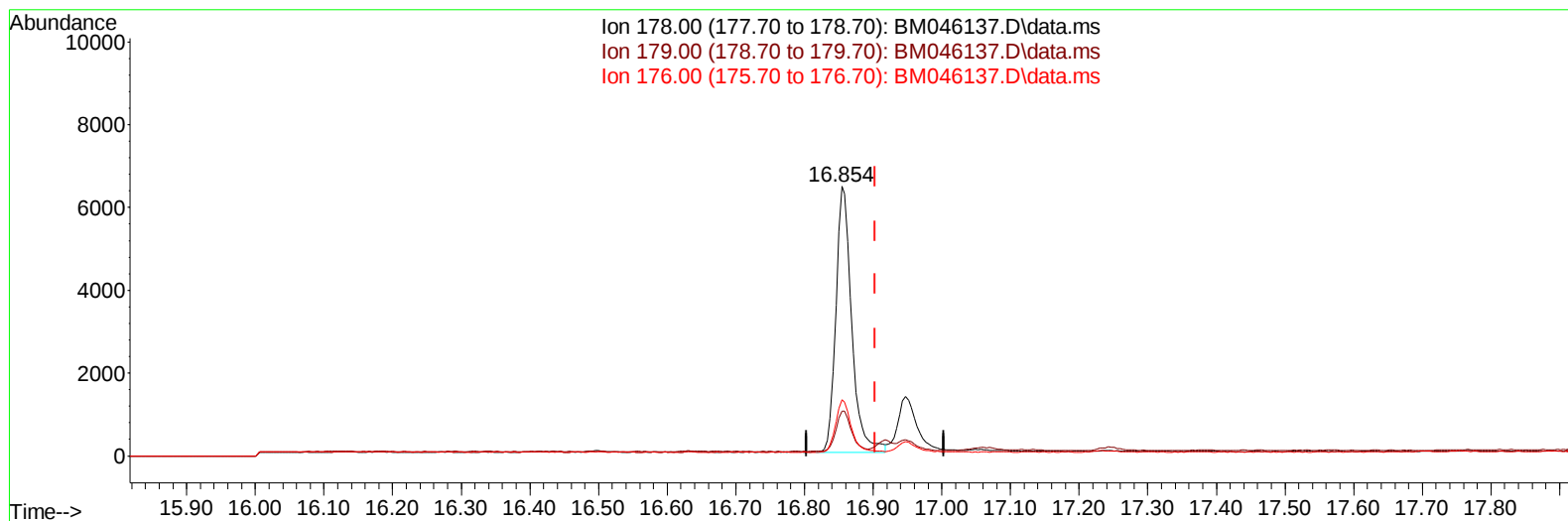
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

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TIC: BM046137.D\data.ms

(15) Phenanthrene

16.854min (-0.049) 0.42 ng/u1 m

response 10360

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.60
176.00	21.40	20.89
0.00	0.00	0.00

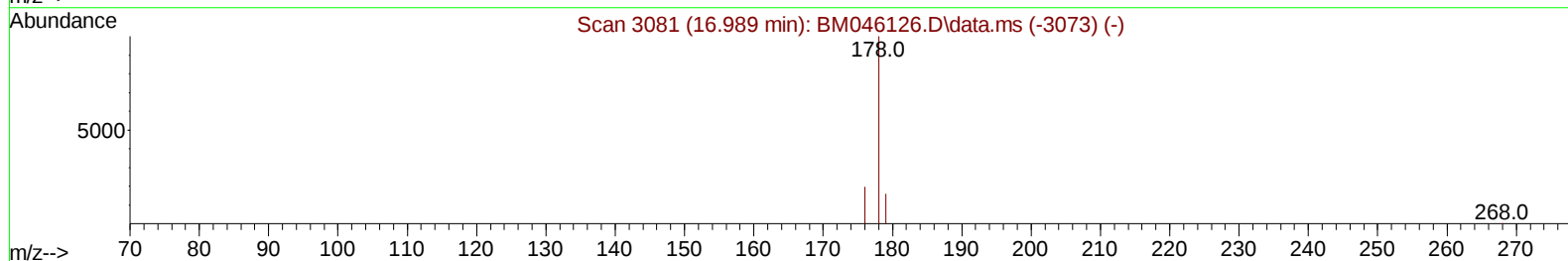
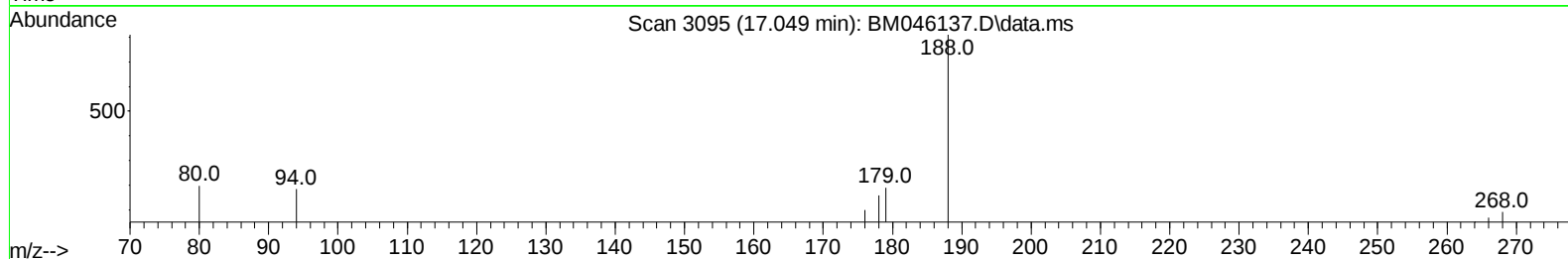
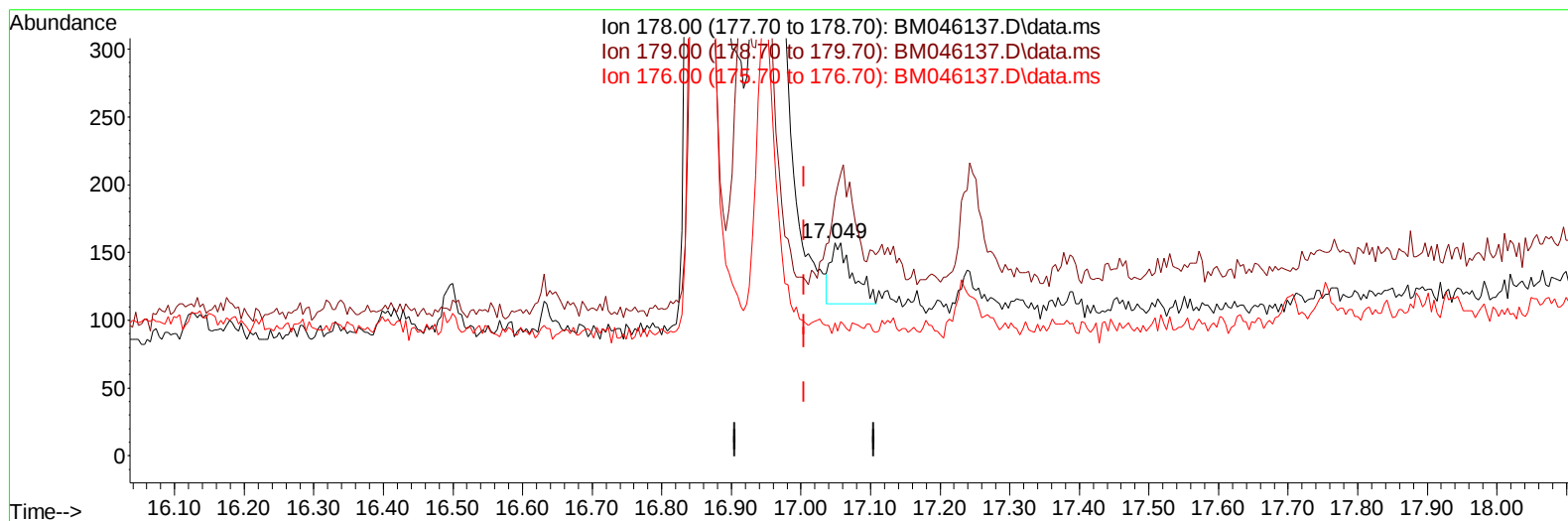
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

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TIC: BM046137.D\data.ms

(16) Anthracene

17.049min (+ 0.044) 0.01 ng/u1

response 100

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	121.02#
176.00	21.20	62.42#
0.00	0.00	0.00

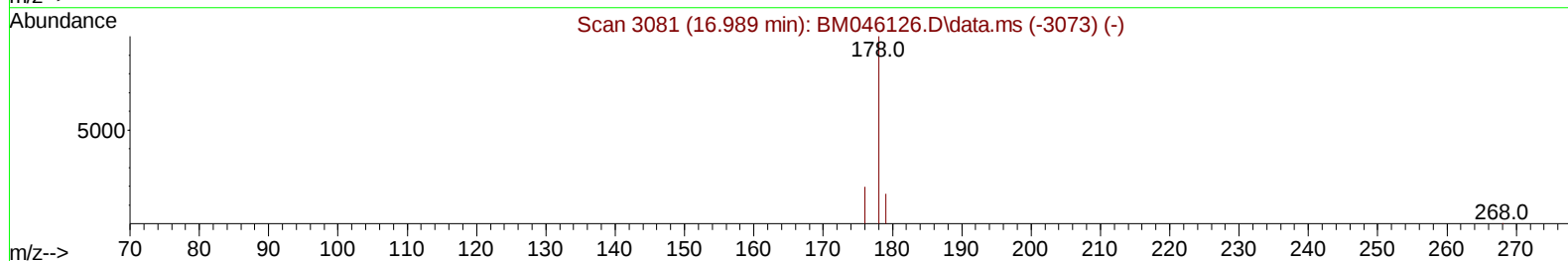
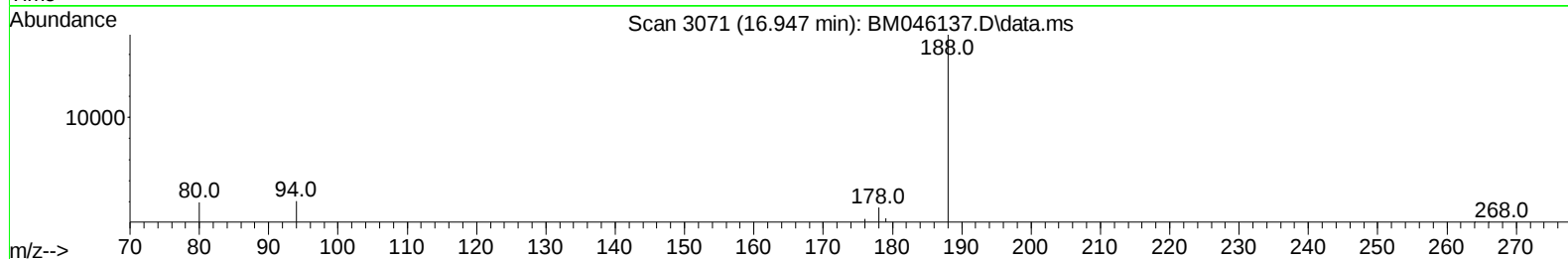
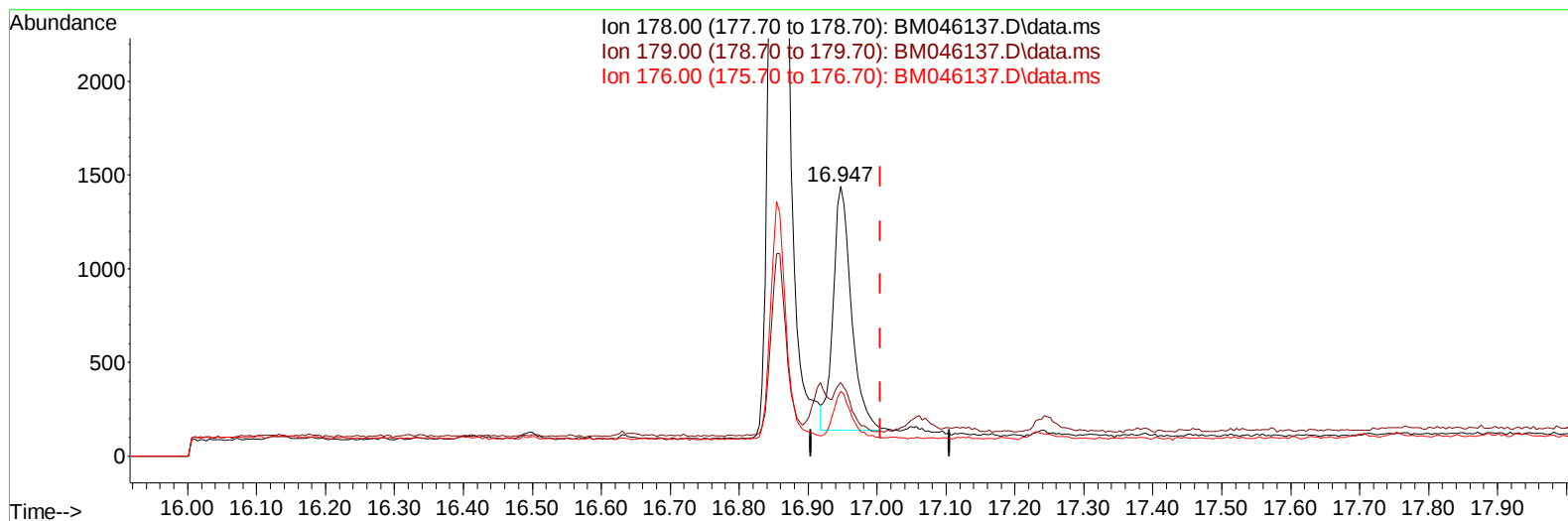
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:49 2024
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TIC: BM046137.D\data.ms

(16) Anthracene

16.947min (-0.058) 0.13 ng/u1 m

response 2393

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	27.33#
176.00	21.20	23.85
0.00	0.00	0.00

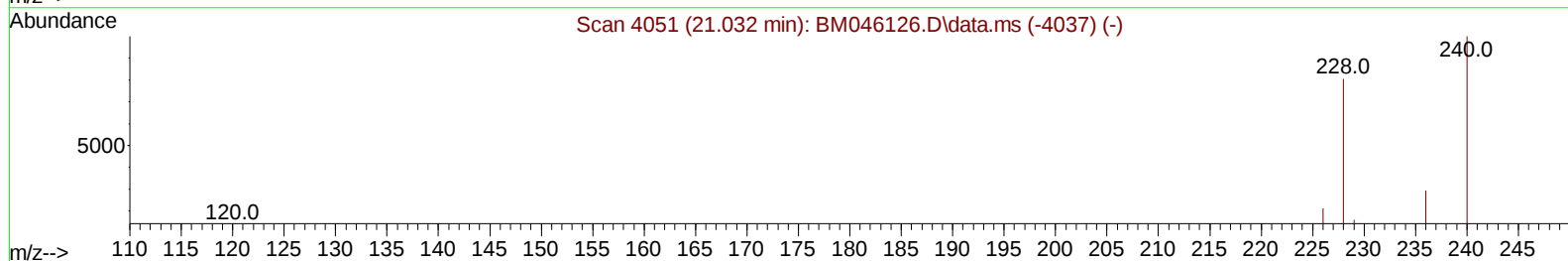
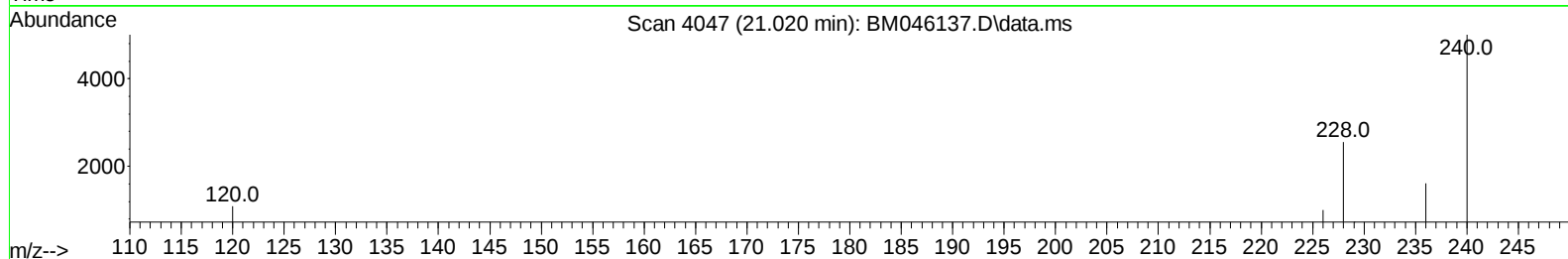
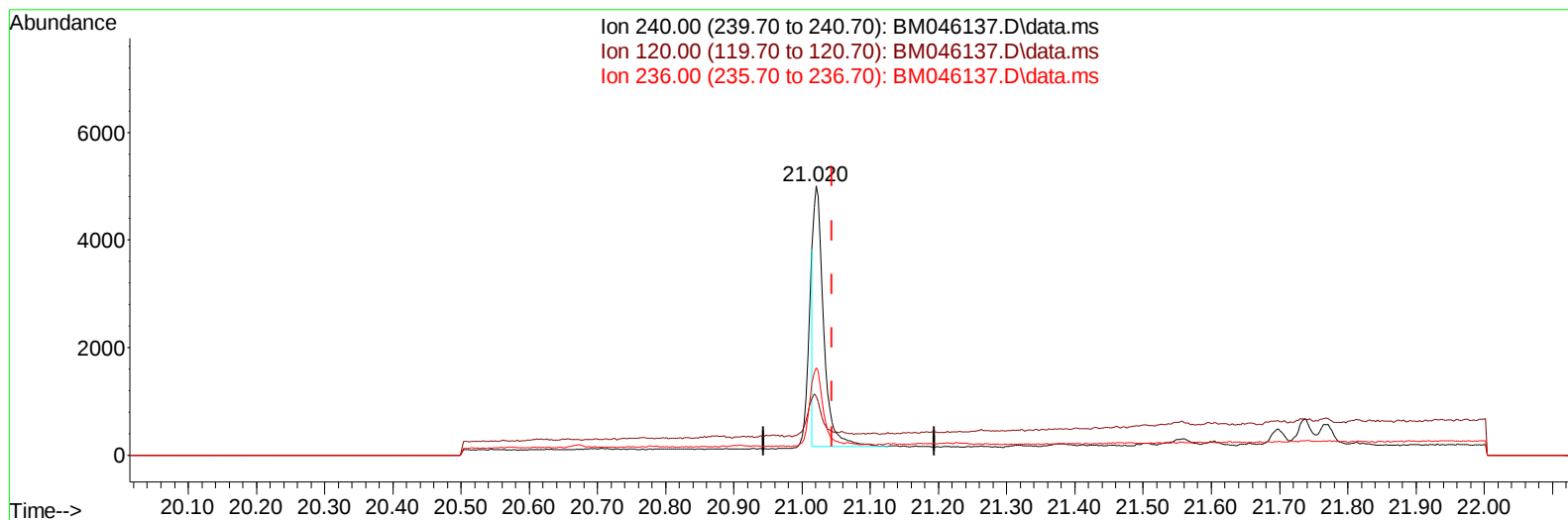
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

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TIC: BM046137.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/u1

response 5052

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.86
236.00	33.60	32.41
0.00	0.00	0.00

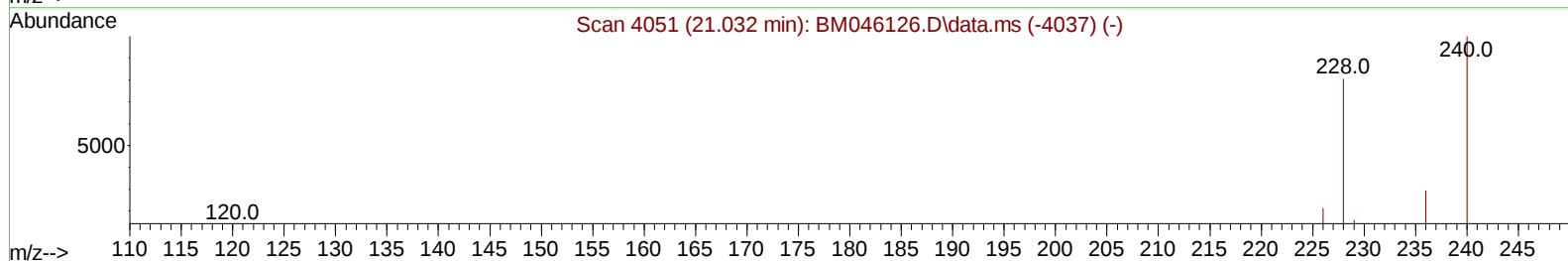
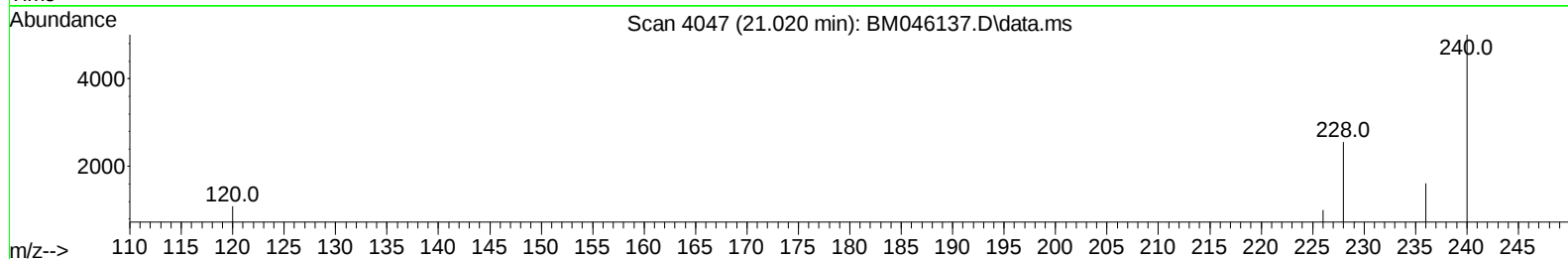
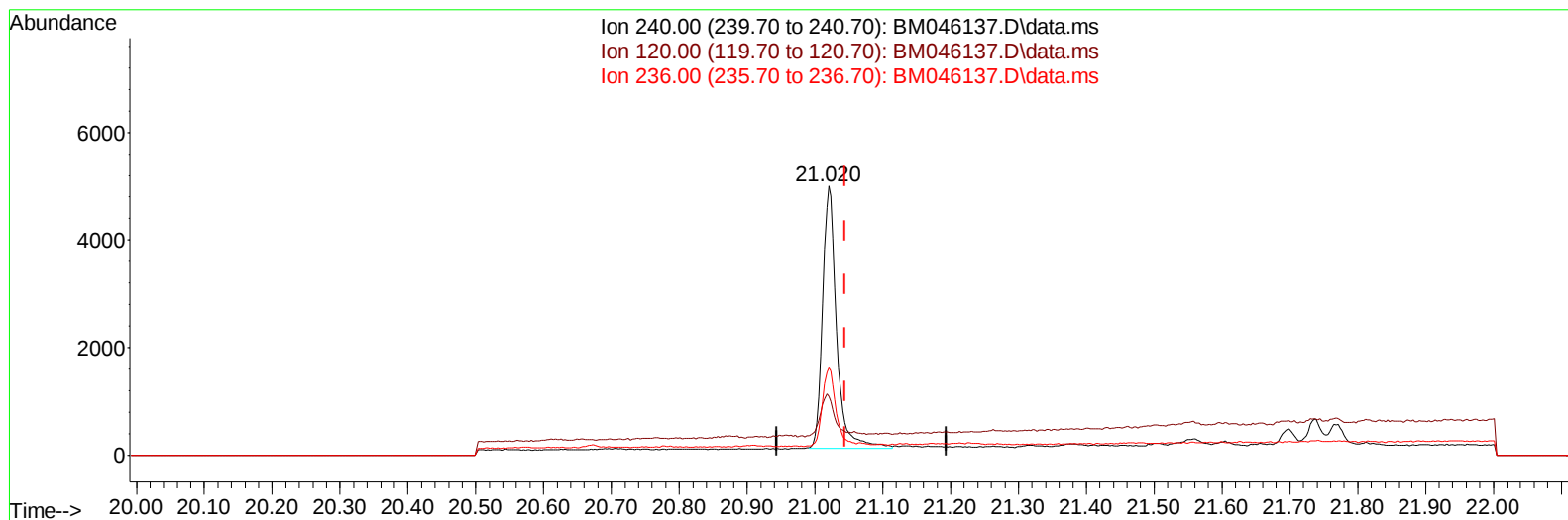
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

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

Quant Time: Jun 21 02:49:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046137.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/u1 m

response 6944

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.86
236.00	33.60	32.41
0.00	0.00	0.00

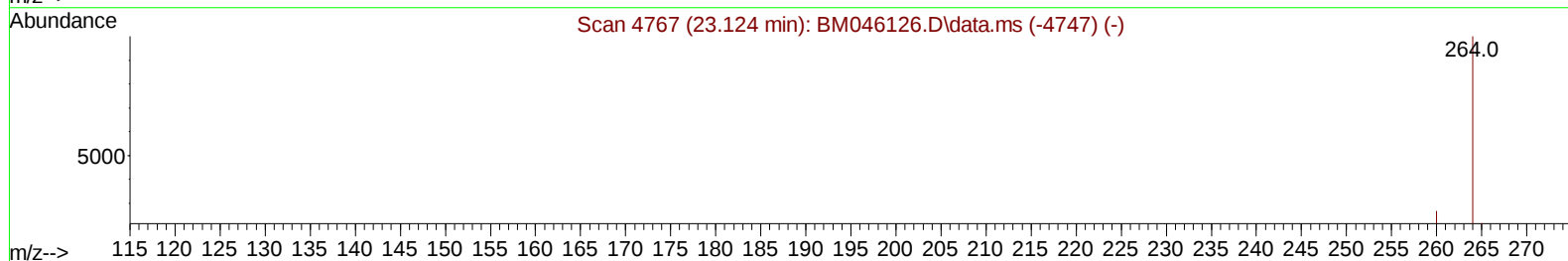
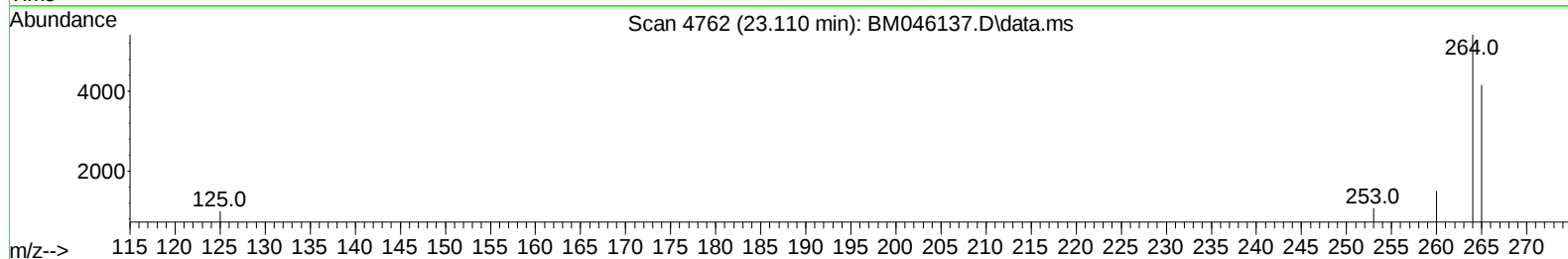
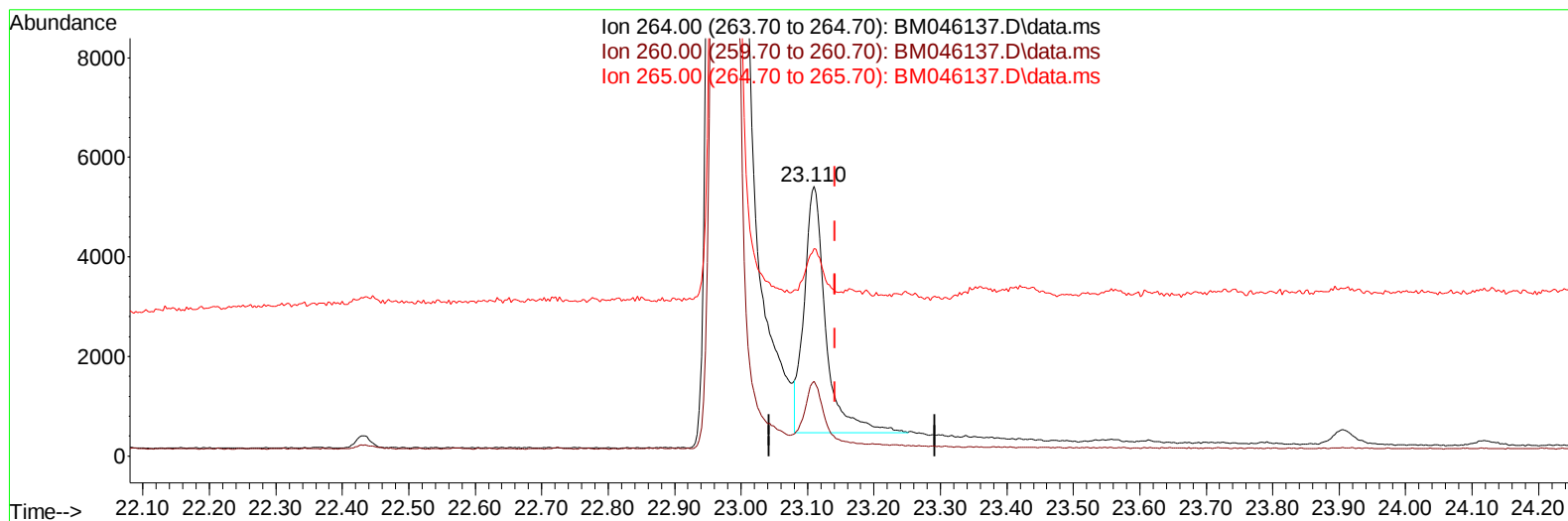
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

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TIC: BM046137.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.032) 0.40 ng/u1

response 11220

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.64
265.00	110.60	76.89#
0.00	0.00	0.00

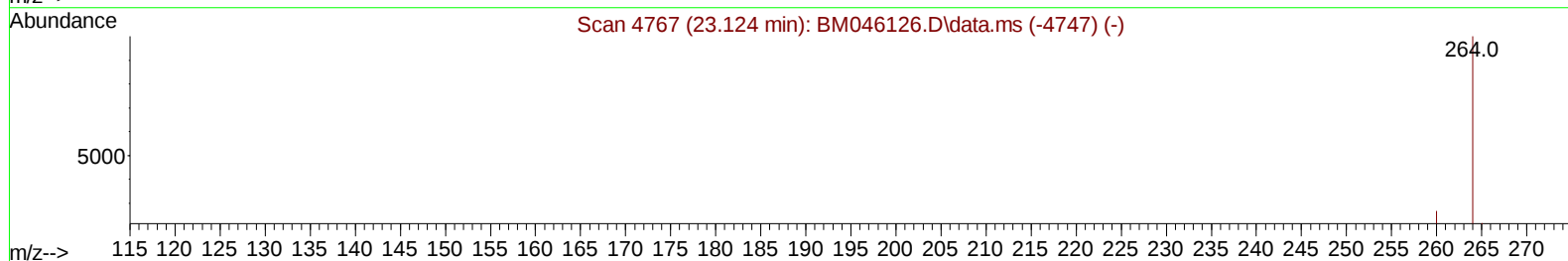
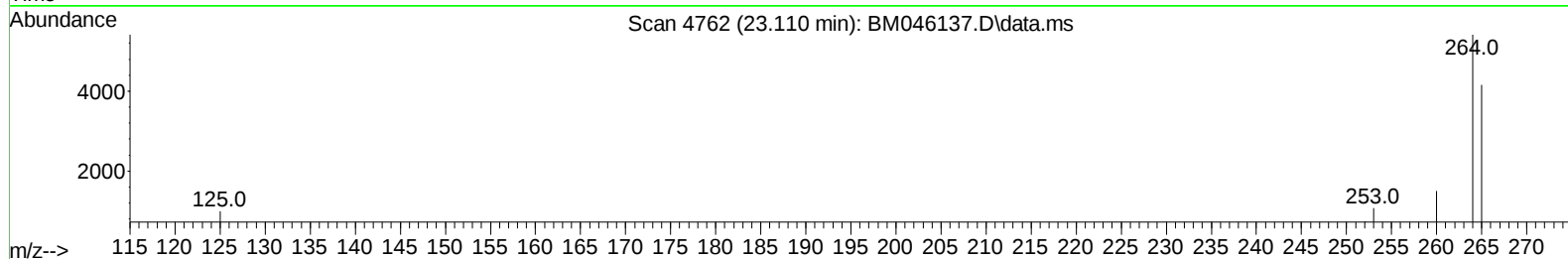
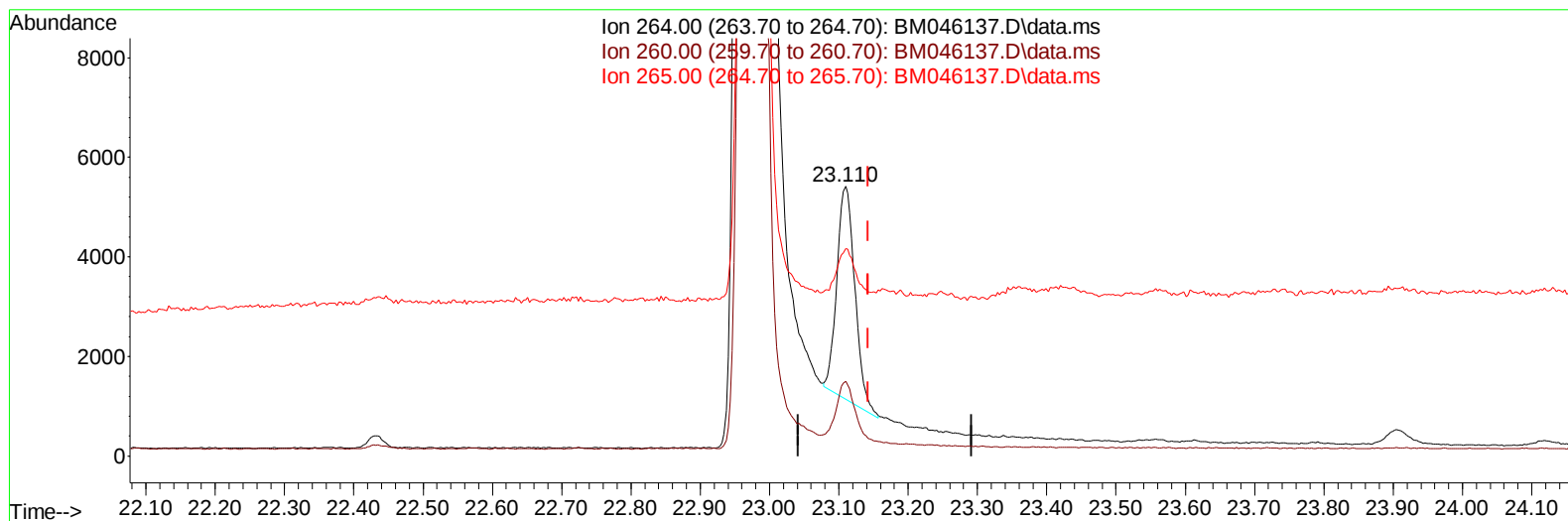
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:49 2024
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TIC: BM046137.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.032) 0.40 ng/ul m

response 7697

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.64
265.00	110.60	76.89#
0.00	0.00	0.00

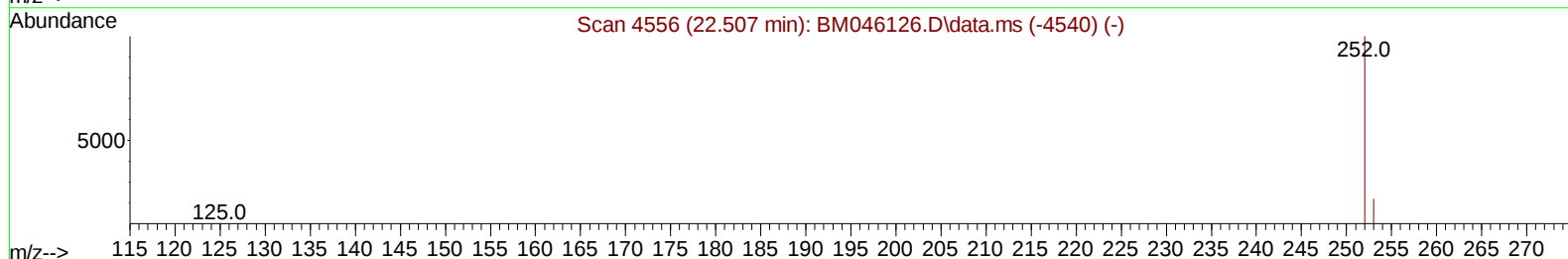
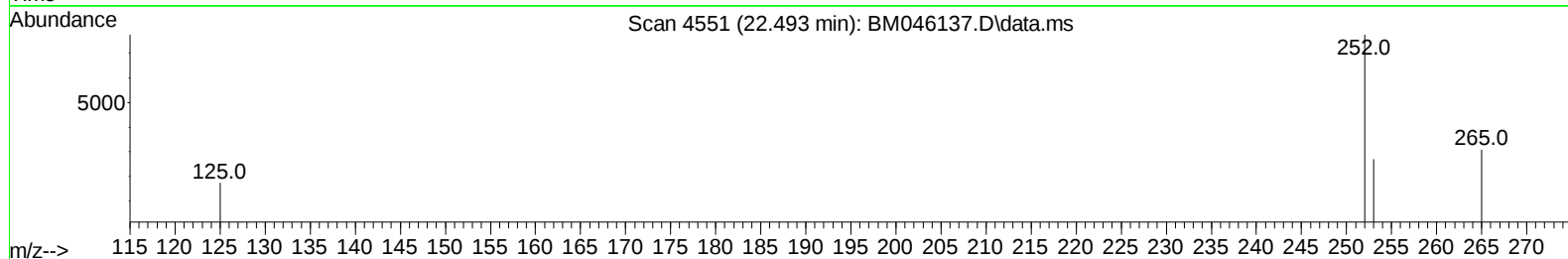
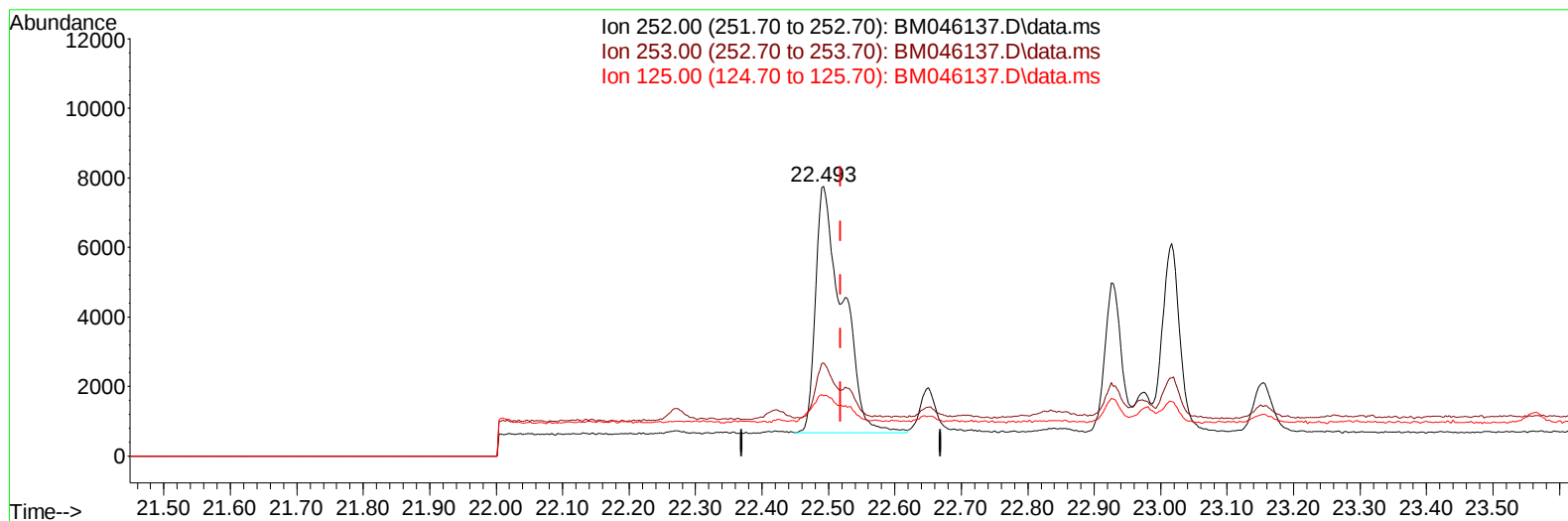
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Acq On : 20 Jun 2024 23:40
Operator : MA/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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TIC: BM046137.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 0.73 ng/u1

response 20159

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	34.68
125.00	20.10	22.39
0.00	0.00	0.00

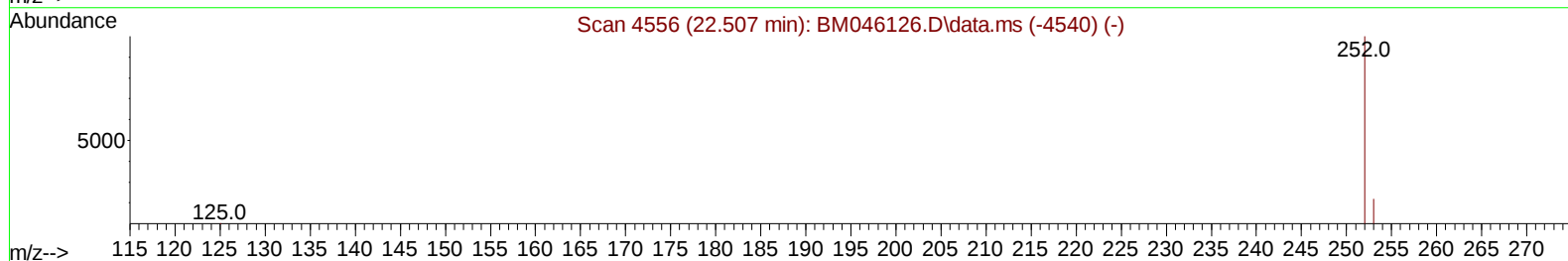
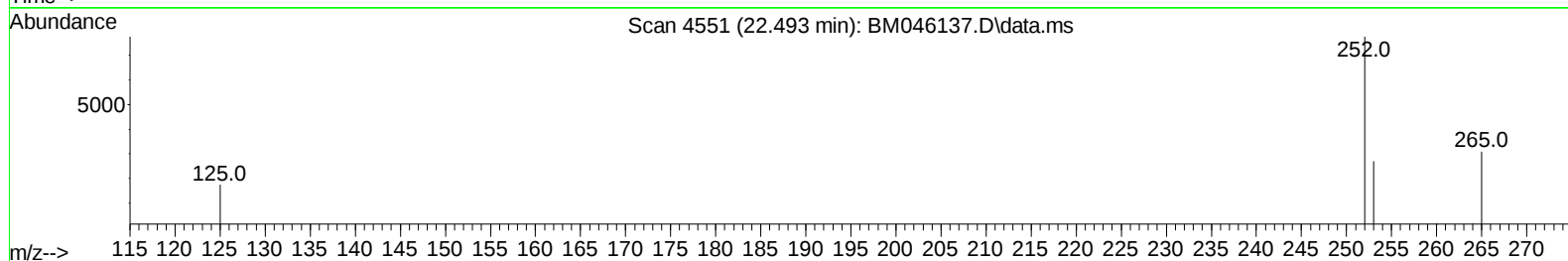
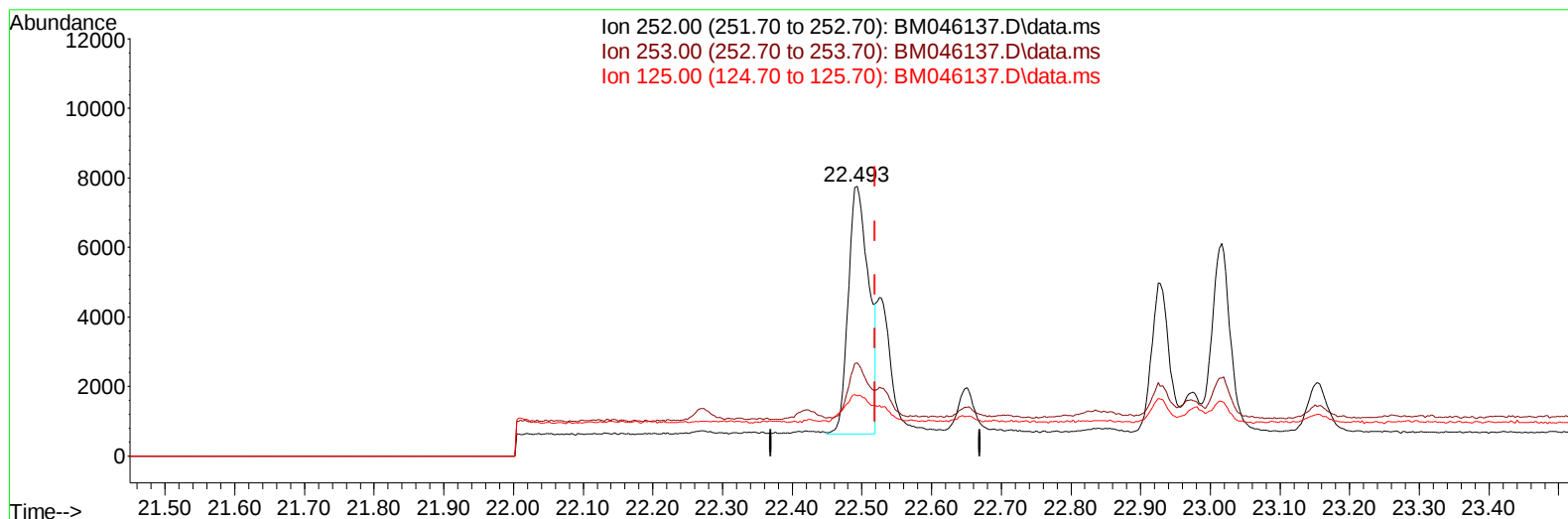
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046137.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 0.53 ng/u1 m

response 14570

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	34.68
125.00	20.10	22.39
0.00	0.00	0.00

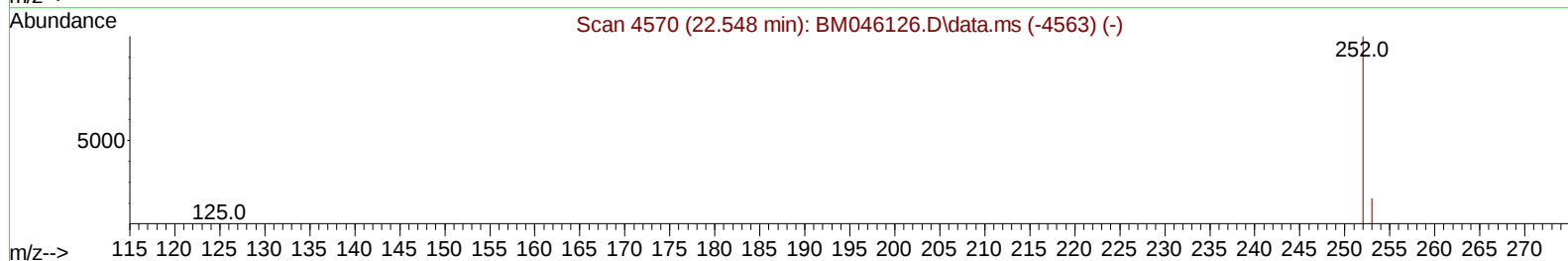
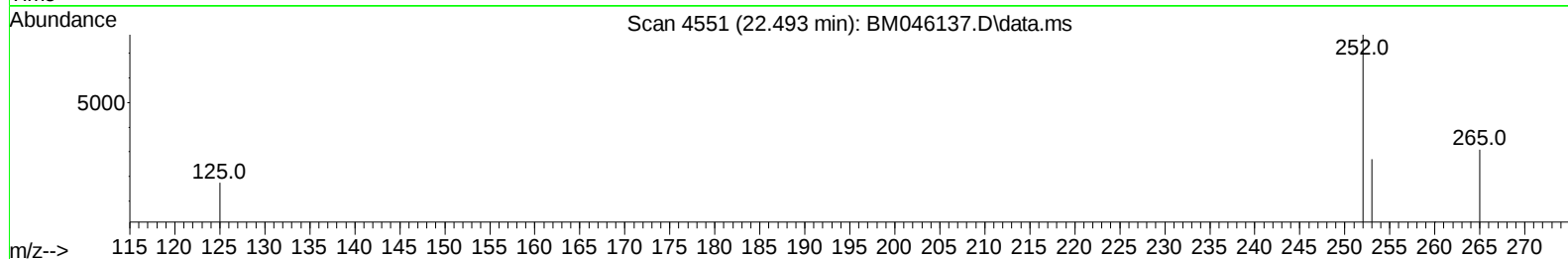
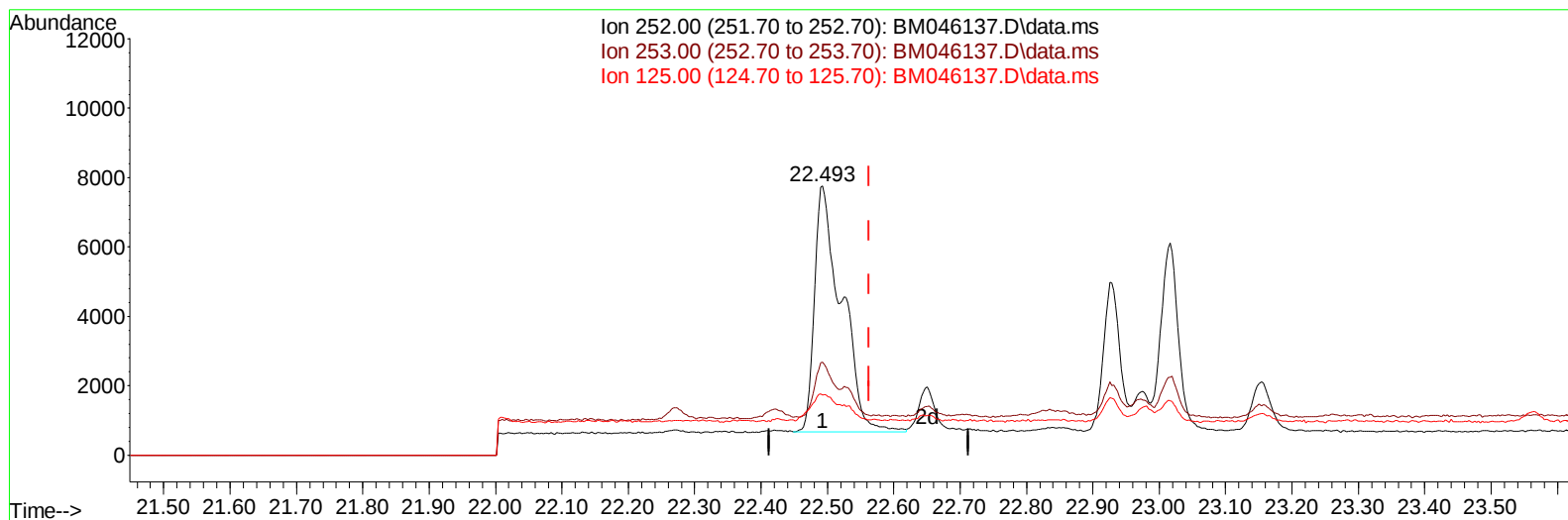
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

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Supervised By :mohammad ahmed 06/24/2024

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TIC: BM046137.D\data.ms

(25) Benzo(k)fluoranthene

22.493min (-0.070) 0.61 ng/u1

response 20159

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	34.68
125.00	20.80	22.39
0.00	0.00	0.00

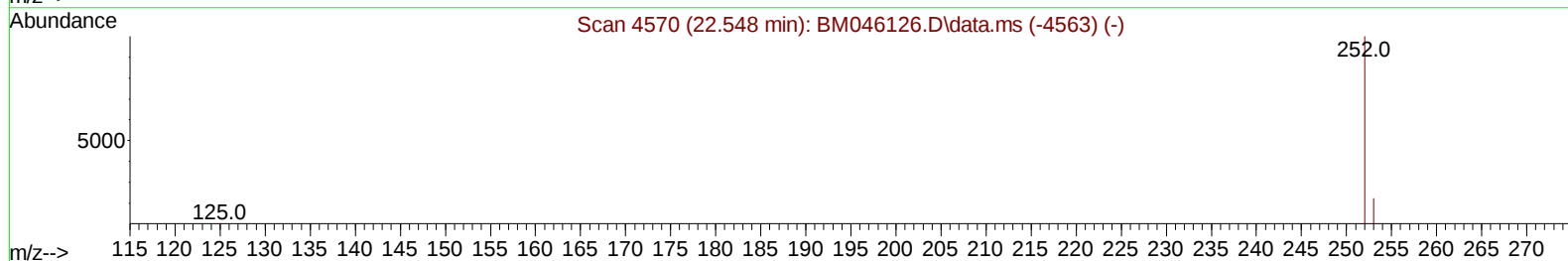
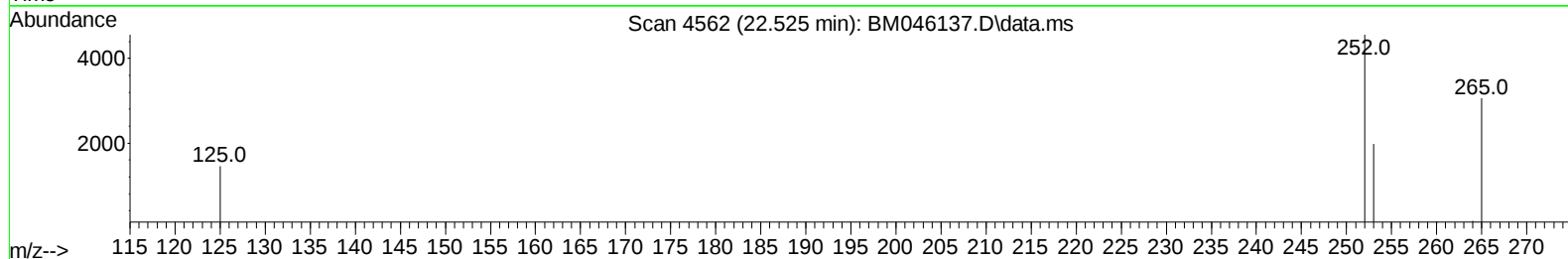
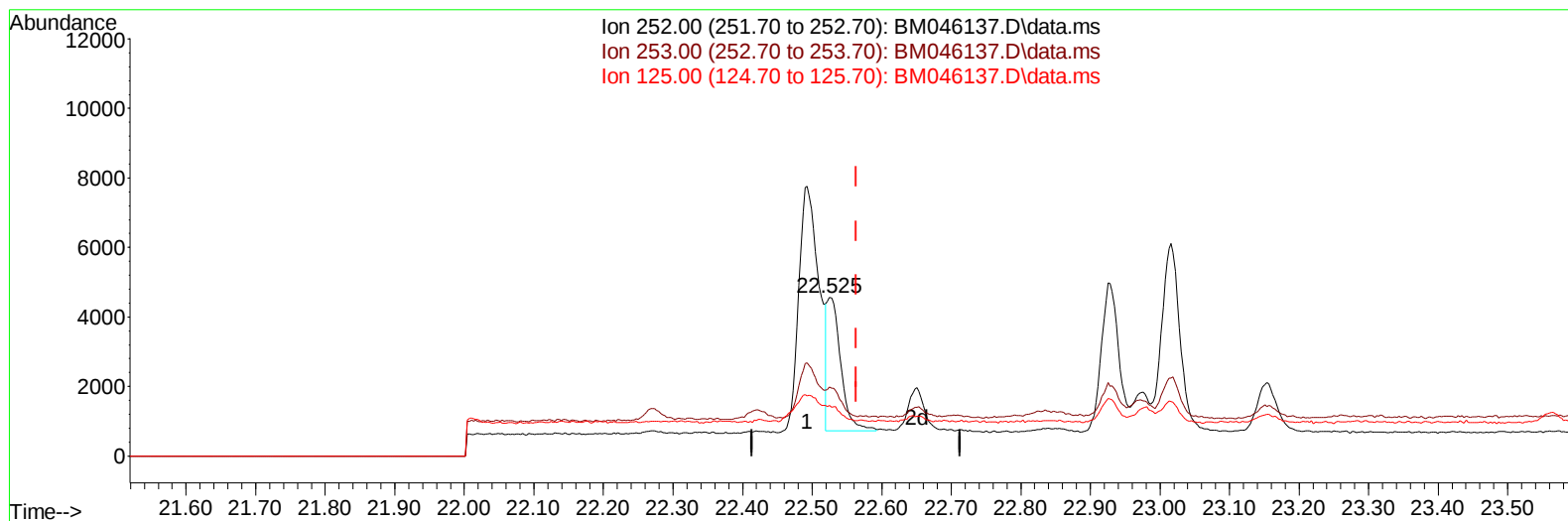
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046137.D
Acq On : 20 Jun 2024 23:40
Operator : MA/JU
Sample : P2710-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B89

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:49 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: BM046137.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.038) 0.16 ng/u1 m

response 5257

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	43.52#
125.00	20.80	31.79#
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.422	152		2603	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136		7646	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.072	164		4175	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188		8720m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240		6944m	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264		7697m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.033	96		10675	2.989	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.828	152		2180	0.212	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212		4884	0.235	ng/ul	-0.04
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.790	152		643	0.032	ng/ul#	56
11) Acenaphthene	14.132	153		527	0.037	ng/ul#	92
12) Fluorene	15.127	166		570	0.037	ng/ul#	94
15) Phenanthrene	16.854	178		10360m	0.423	ng/ul	
16) Anthracene	16.947	178		2393m	0.131	ng/ul	
19) Fluoranthene	18.881	202		20120	0.669	ng/ul	98
20) Pyrene	19.239	202		18827	0.579	ng/ul	97
21) Benzo(a)anthracene	21.006	228		10580	0.394	ng/ul	95
22) Chrysene	21.055	228		9865	0.288	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252		14570m	0.525	ng/ul	
25) Benzo(k)fluoranthene	22.525	252		5257m	0.159	ng/ul	
26) Benzo(a)pyrene	23.016	252		9878	0.384	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.162	276		7830	0.186	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.169	278		1899	0.061	ng/ul#	27
29) Benzo(g,h,i)perylene	25.789	276		8189	0.227	ng/ul#	91

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

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