

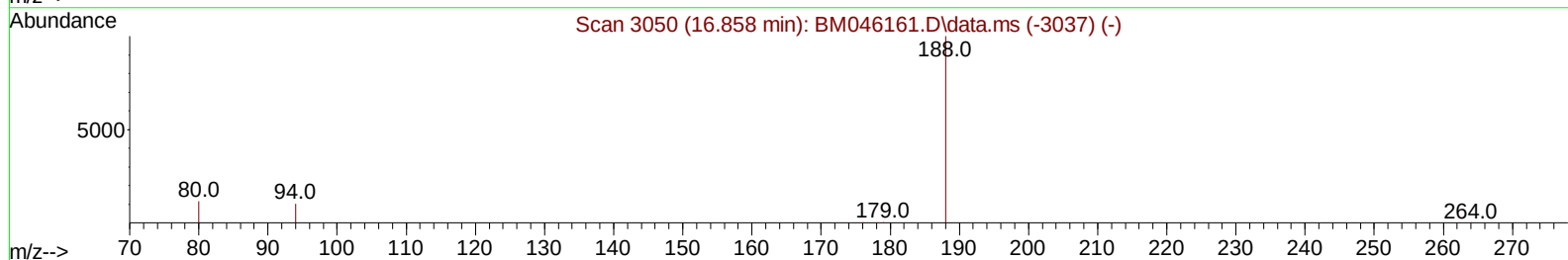
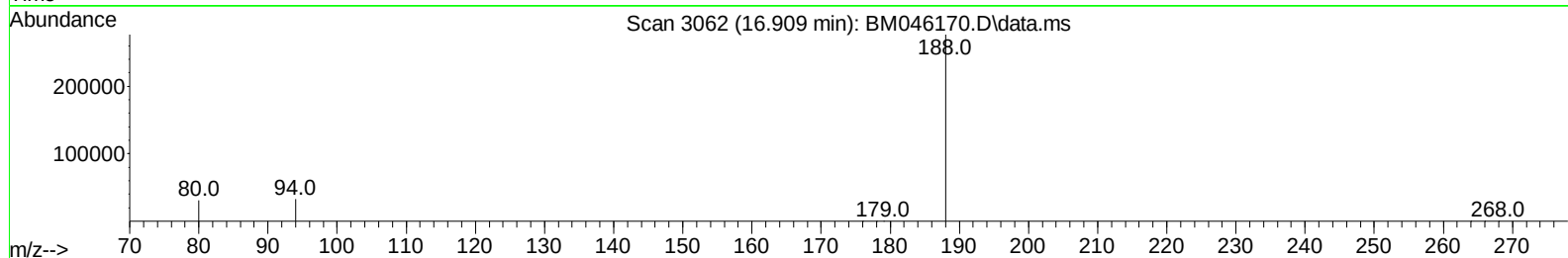
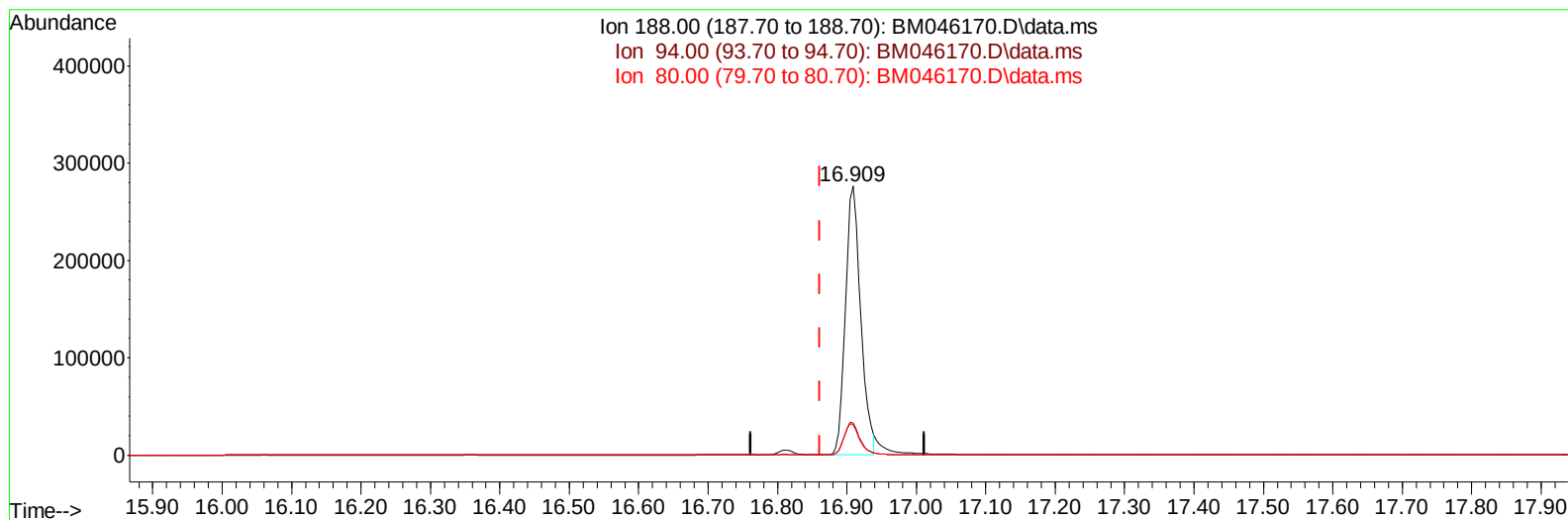
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:28:15 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 :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046170.D\data.ms

(13) Phenanthrene-d10 (I)

16.909min (+ 0.048) 0.40 ng/u1

response 422132

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.87
80.00	15.20	11.34#
0.00	0.00	0.00

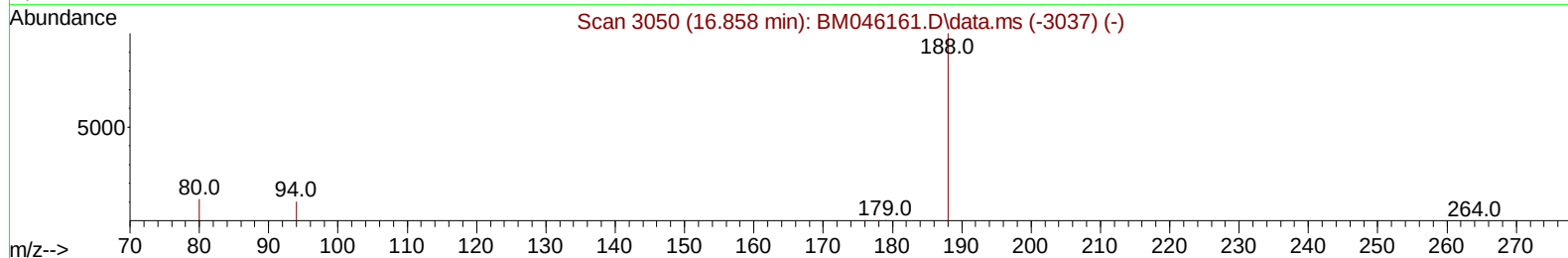
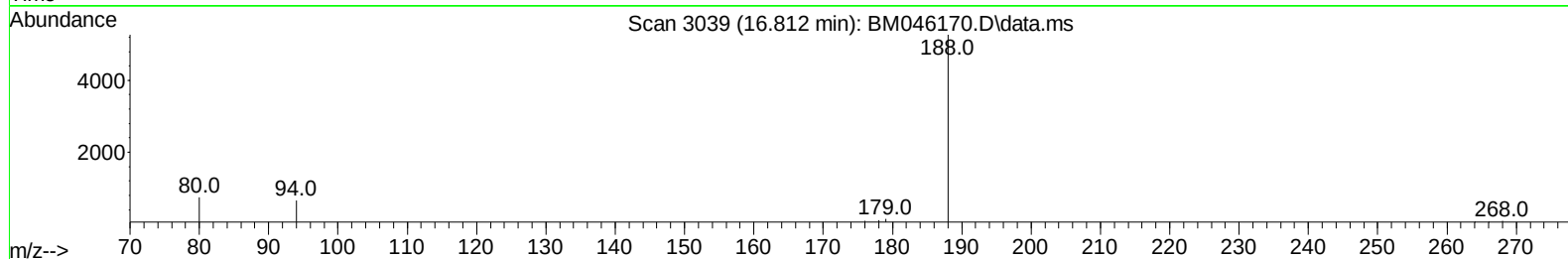
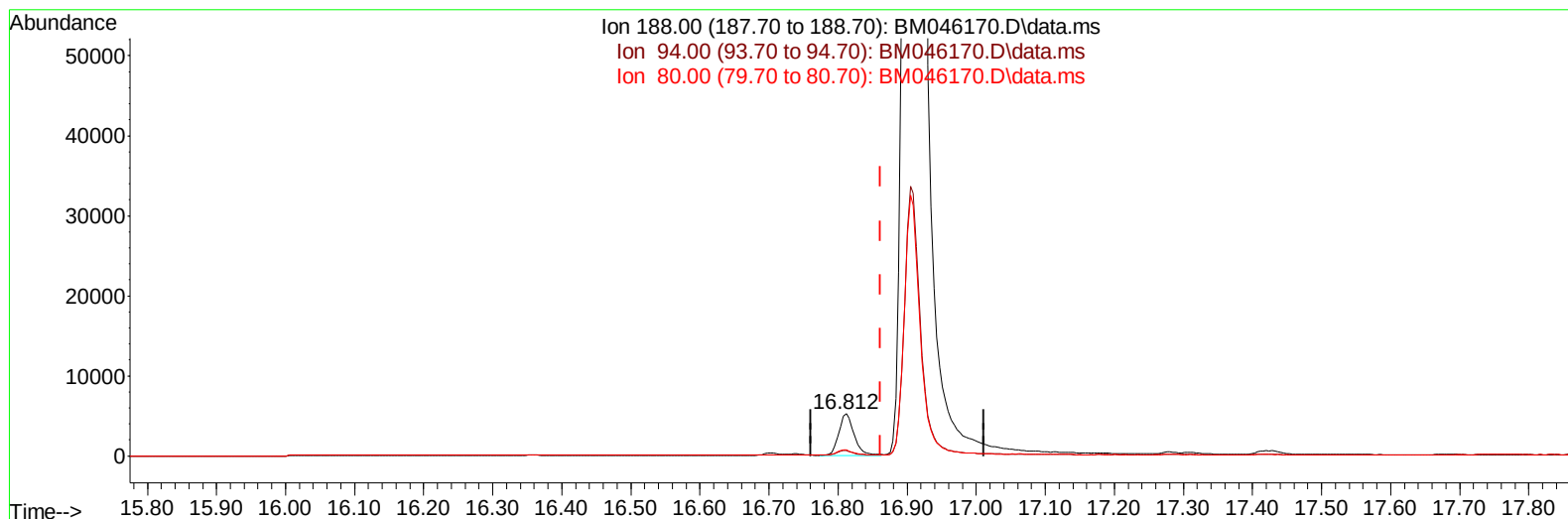
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
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Instrument :
BNA_M
ClientSampleId :
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TIC: BM046170.D\data.ms

(13) Phenanthrene-d10 (I)

16.812min (-0.049) 0.40 ng/ul m

response 8133

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.58
80.00	15.20	14.25
0.00	0.00	0.00

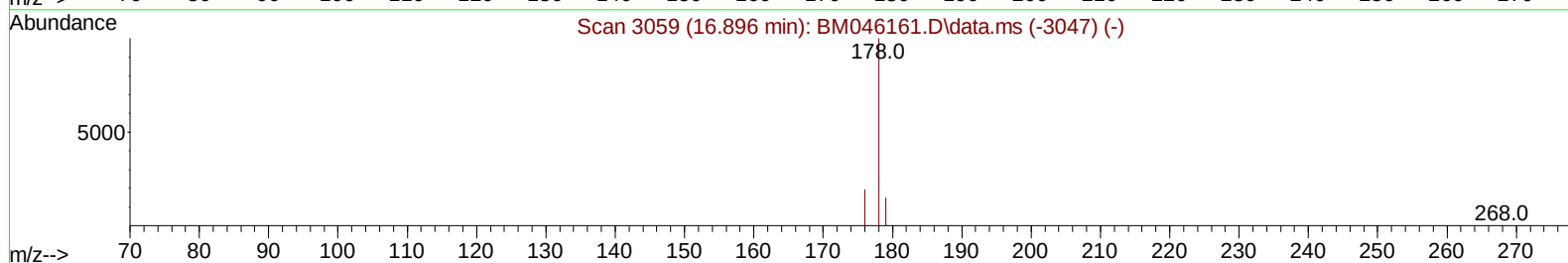
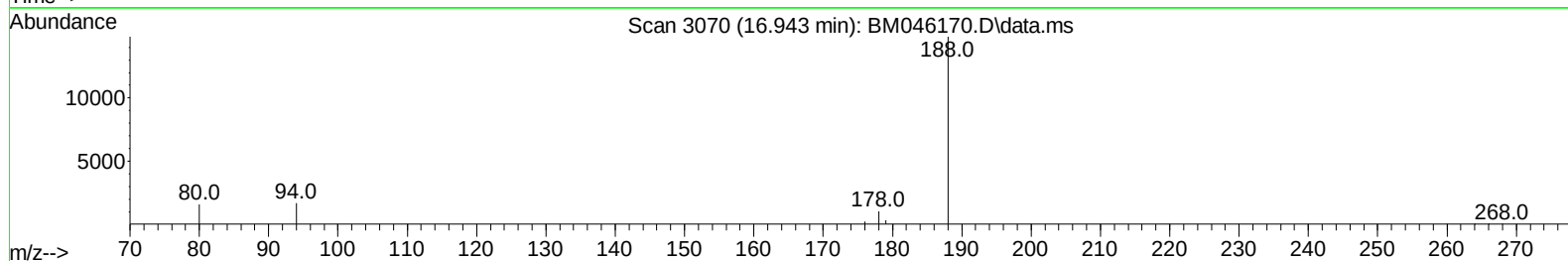
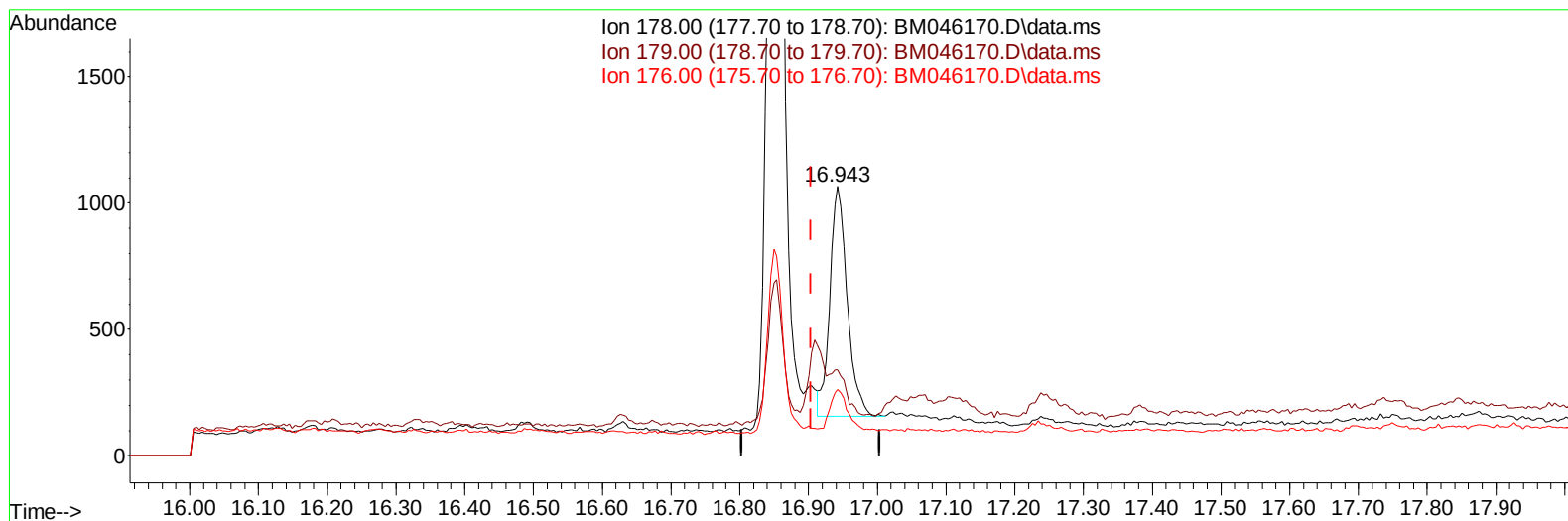
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

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TIC: BM046170.D\data.ms

(15) Phenanthrene

16.943min (+ 0.039) 0.07 ng/u1

response 1591

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	31.89#
176.00	21.40	24.67
0.00	0.00	0.00

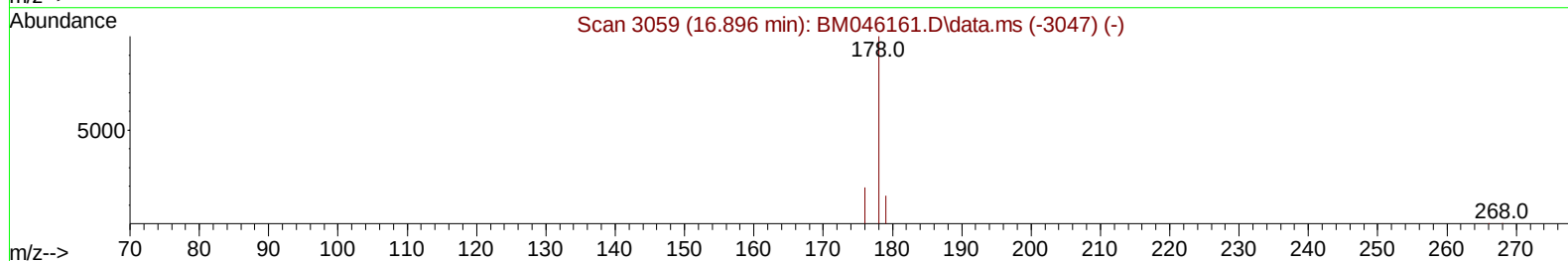
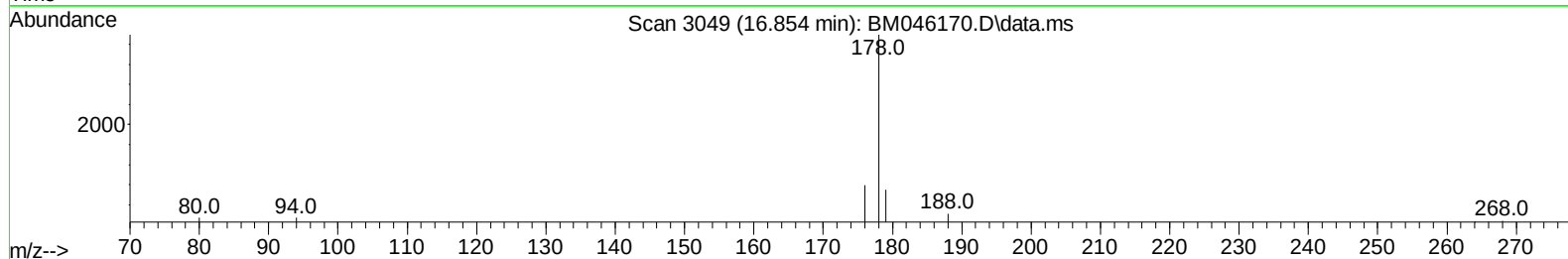
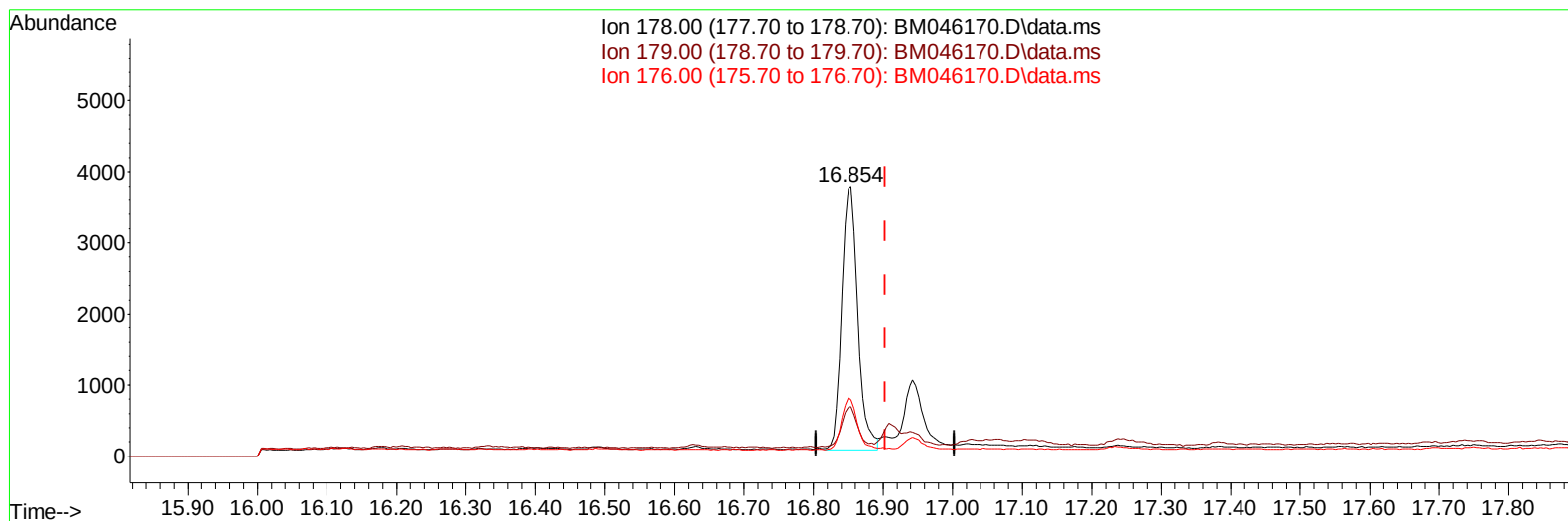
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
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Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

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TIC: BM046170.D\data.ms

(15) Phenanthrene

16.854min (-0.050) 0.26 ng/ul m

response 5960

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	18.38
176.00	21.40	20.86
0.00	0.00	0.00

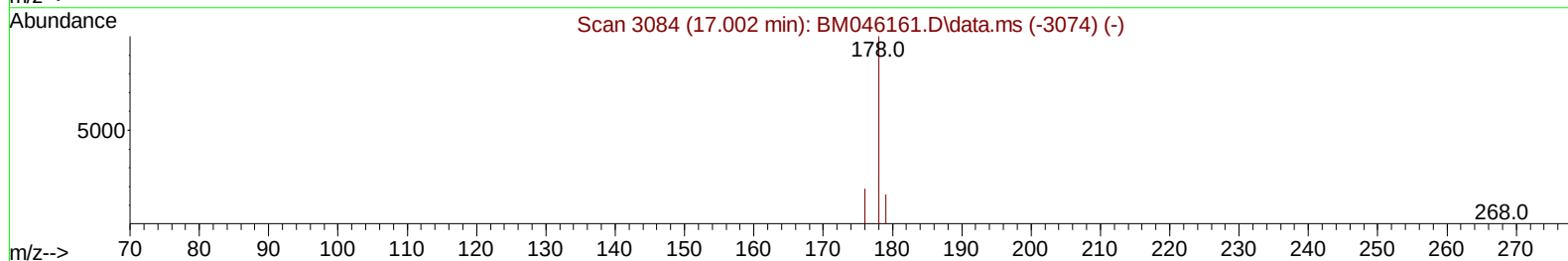
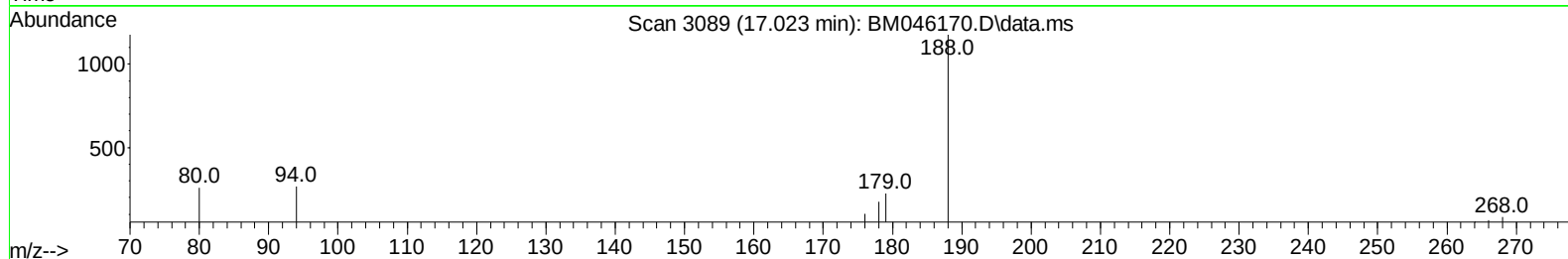
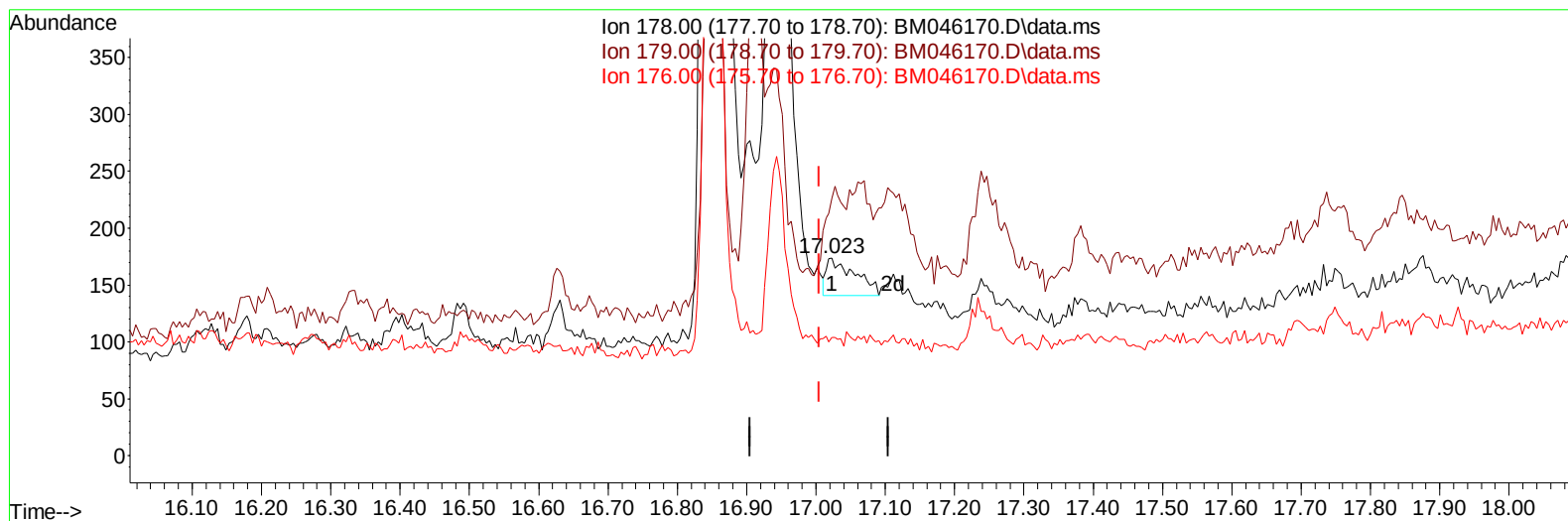
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Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

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TIC: BM046170.D\data.ms

(16) Anthracene

17.023min (+ 0.018) 0.01 ng/u1

response 92

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	129.89#
176.00	21.20	59.77#
0.00	0.00	0.00

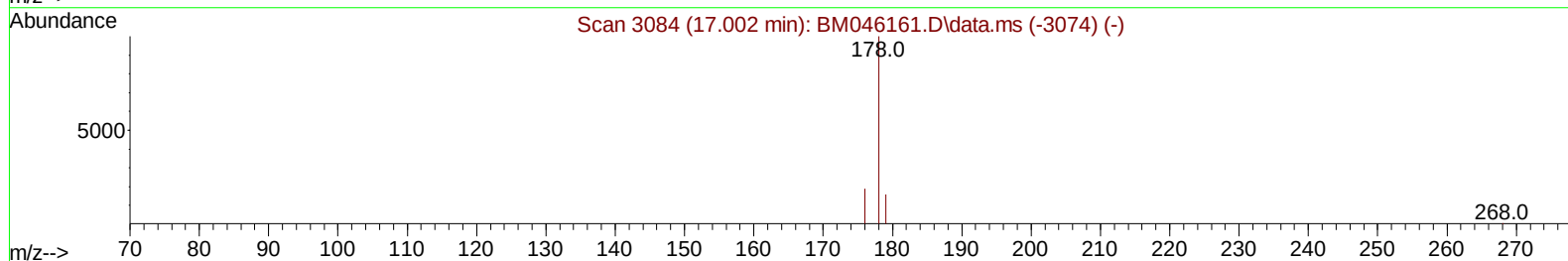
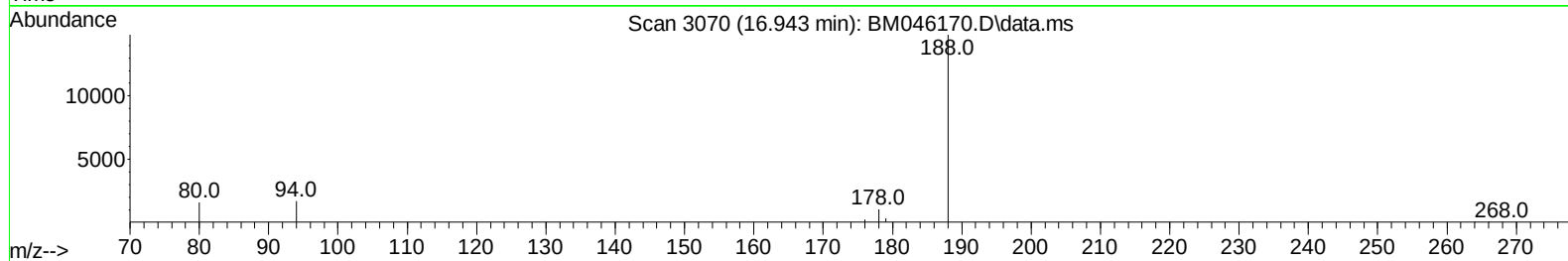
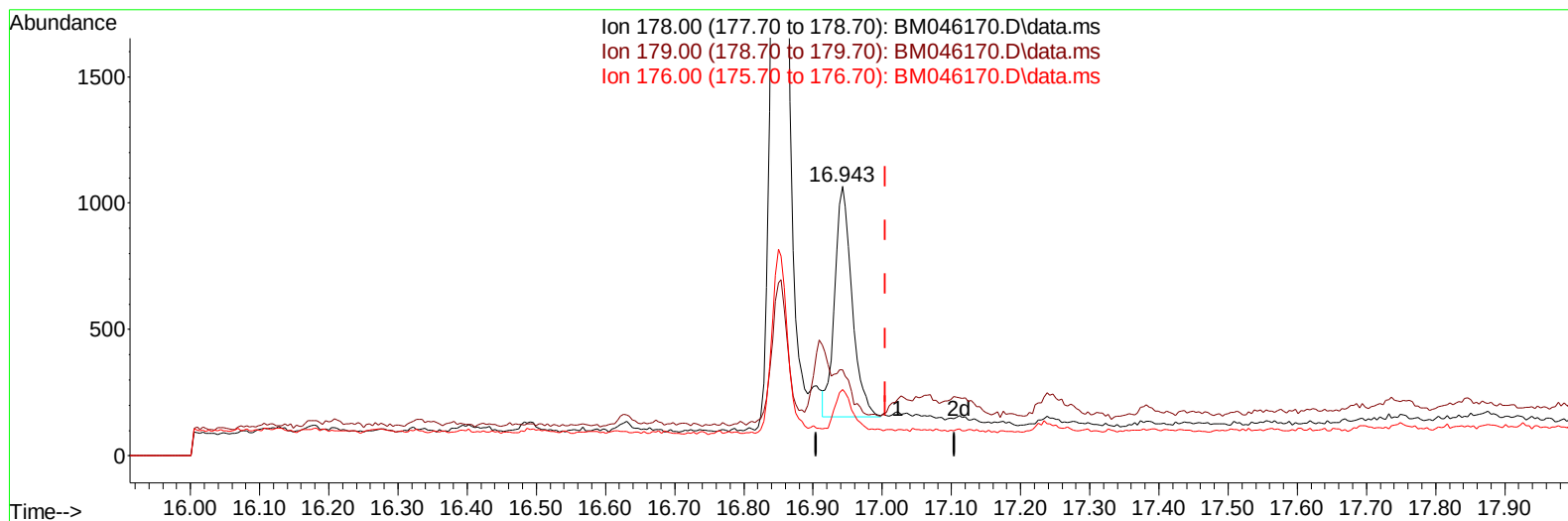
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

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TIC: BM046170.D\data.ms

(16) Anthracene

16.943min (-0.062) 0.09 ng/ul m

response 1598

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	31.89#
176.00	21.20	24.67
0.00	0.00	0.00

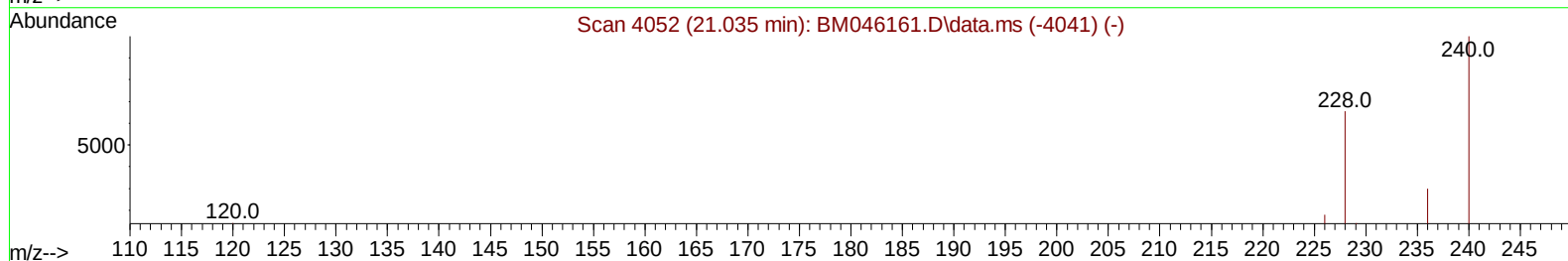
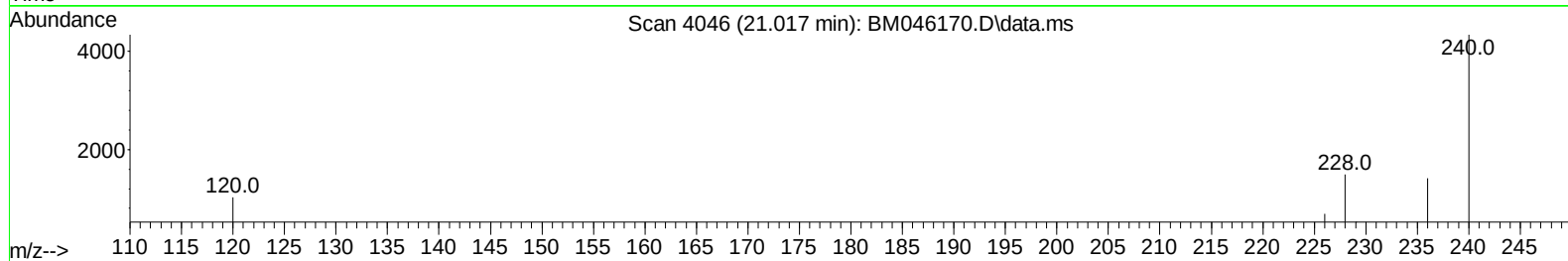
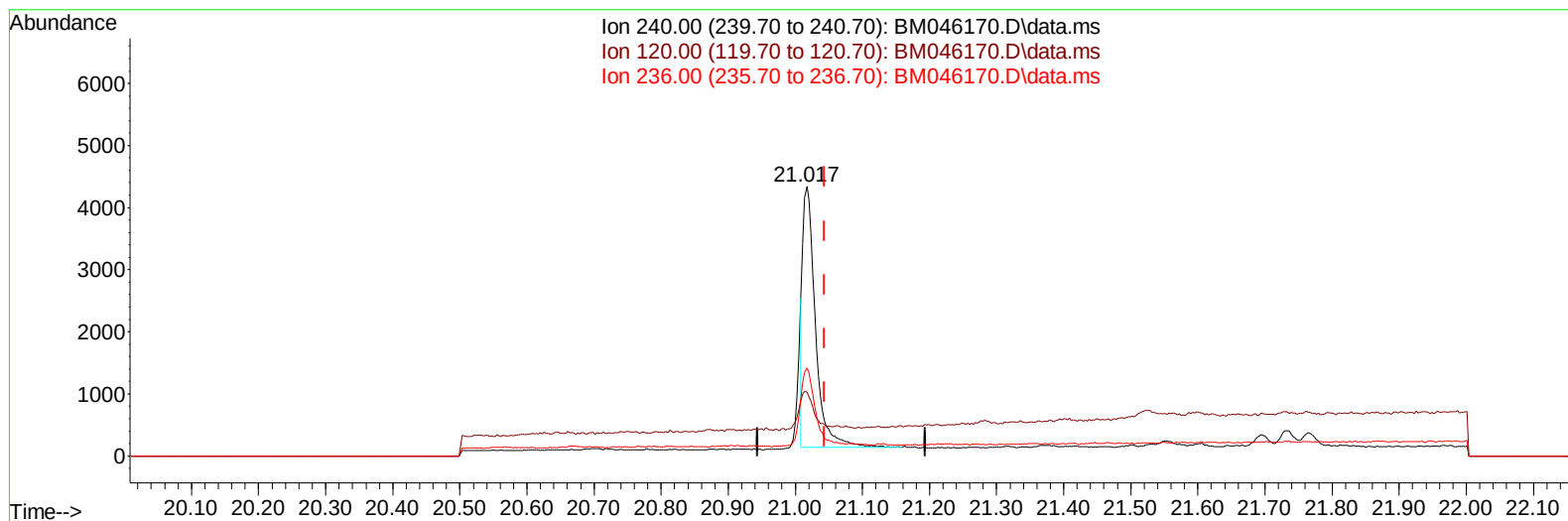
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
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Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

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TIC: BM046170.D\data.ms

(17) Chrysene-d12

21.017min (-0.027) 0.40 ng/u1

response 5458

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	23.64
236.00	33.60	32.58
0.00	0.00	0.00

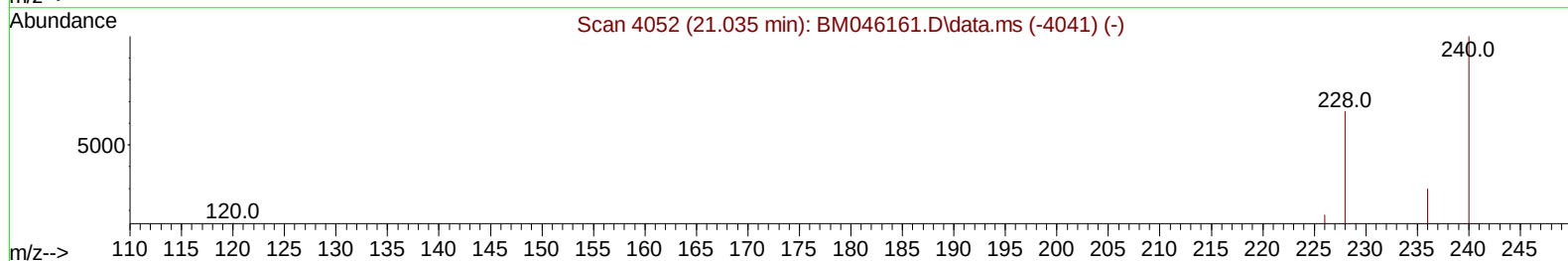
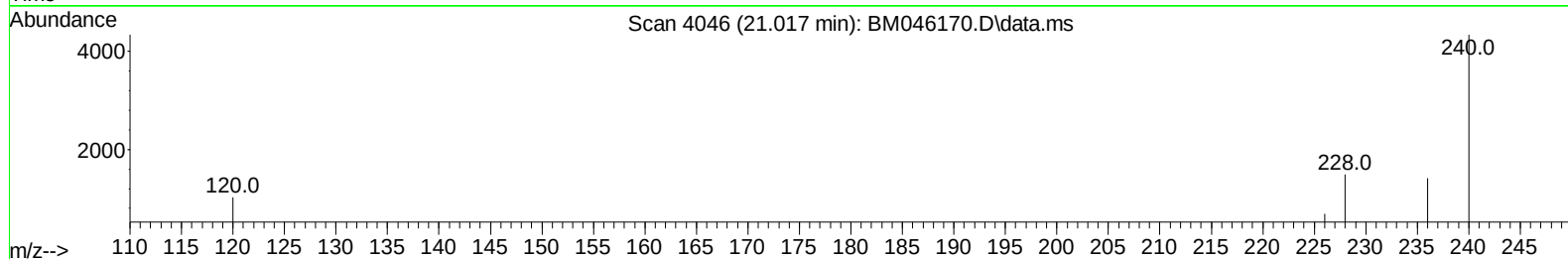
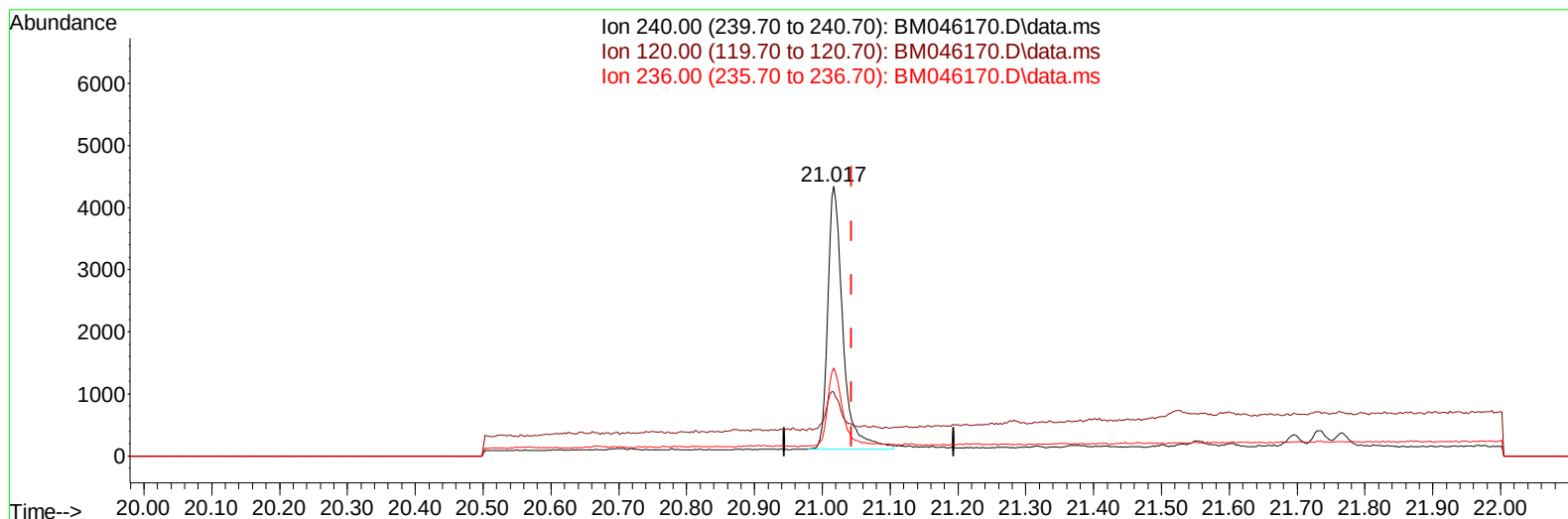
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:28:15 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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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046170.D\data.ms

(17) Chrysene-d12

21.017min (-0.027) 0.40 ng/ul m

response 6560

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	23.64
236.00	33.60	32.58
0.00	0.00	0.00

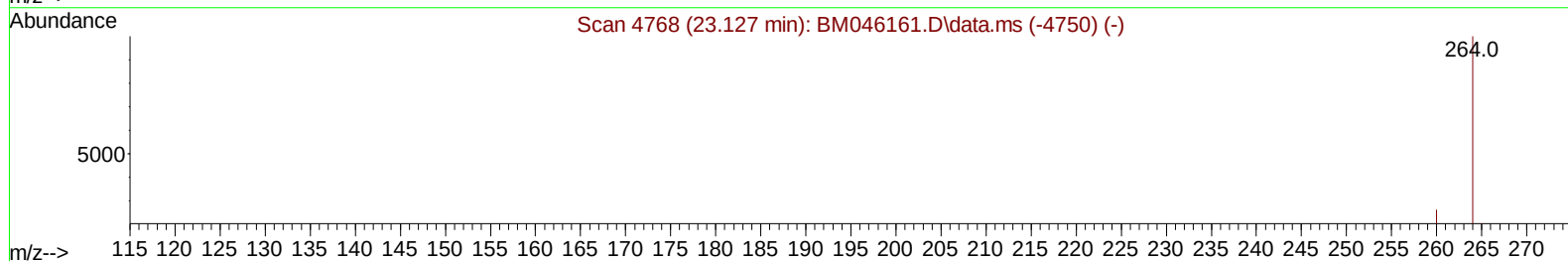
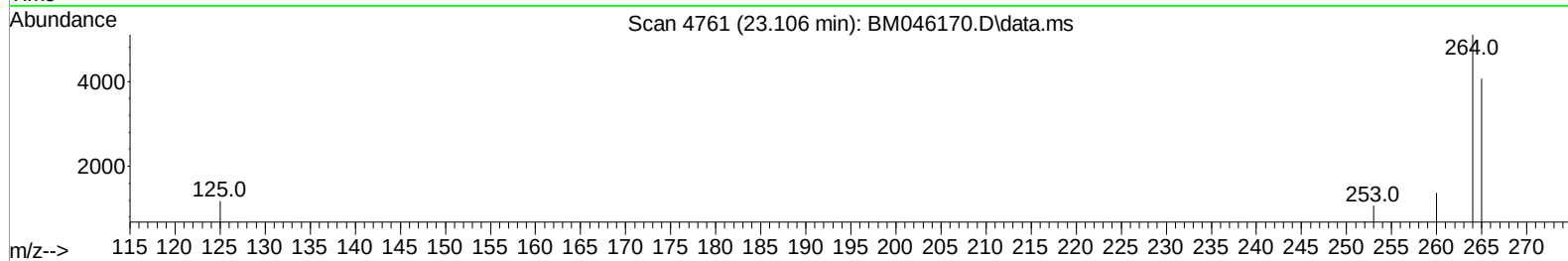
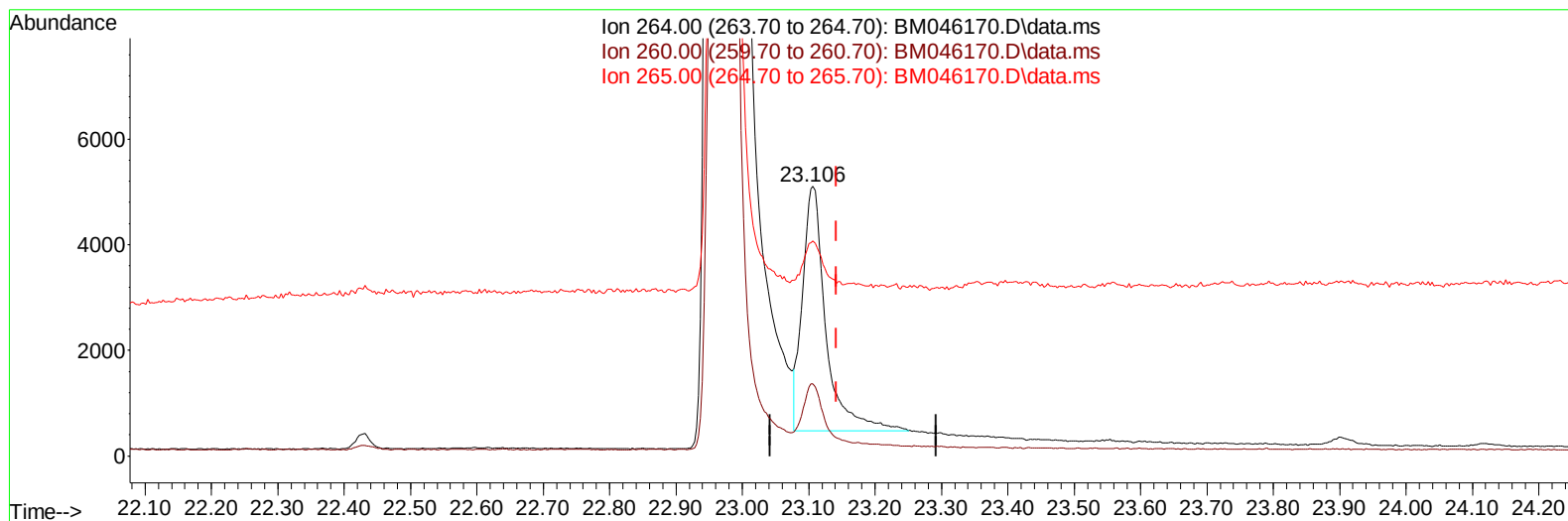
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

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TIC: BM046170.D\data.ms

(23) Perylene-d12 (I)

23.106min (-0.036) 0.40 ng/u1

response 11316

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.81
265.00	110.60	79.89#
0.00	0.00	0.00

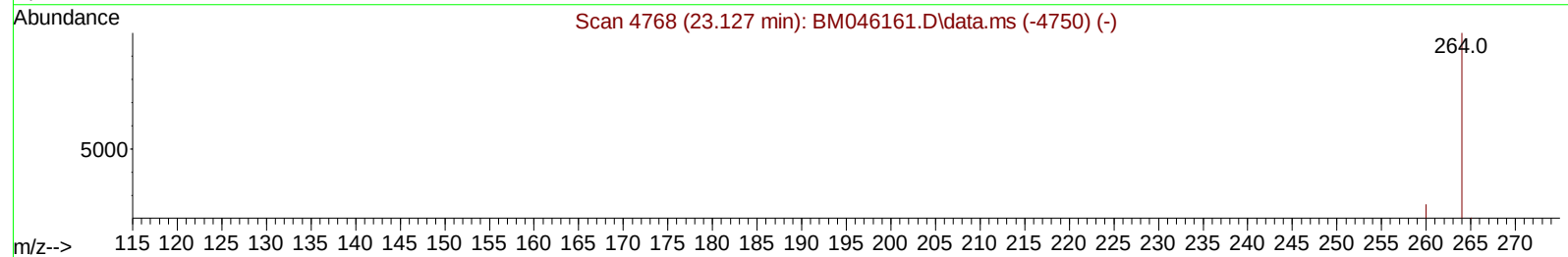
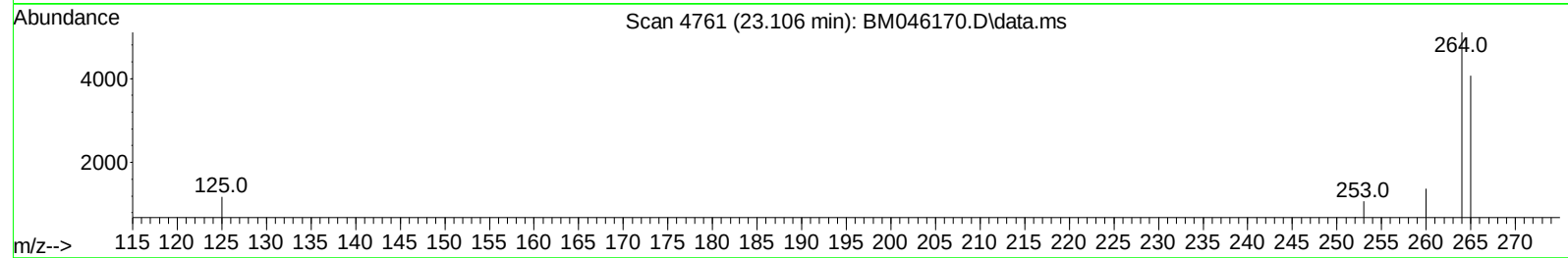
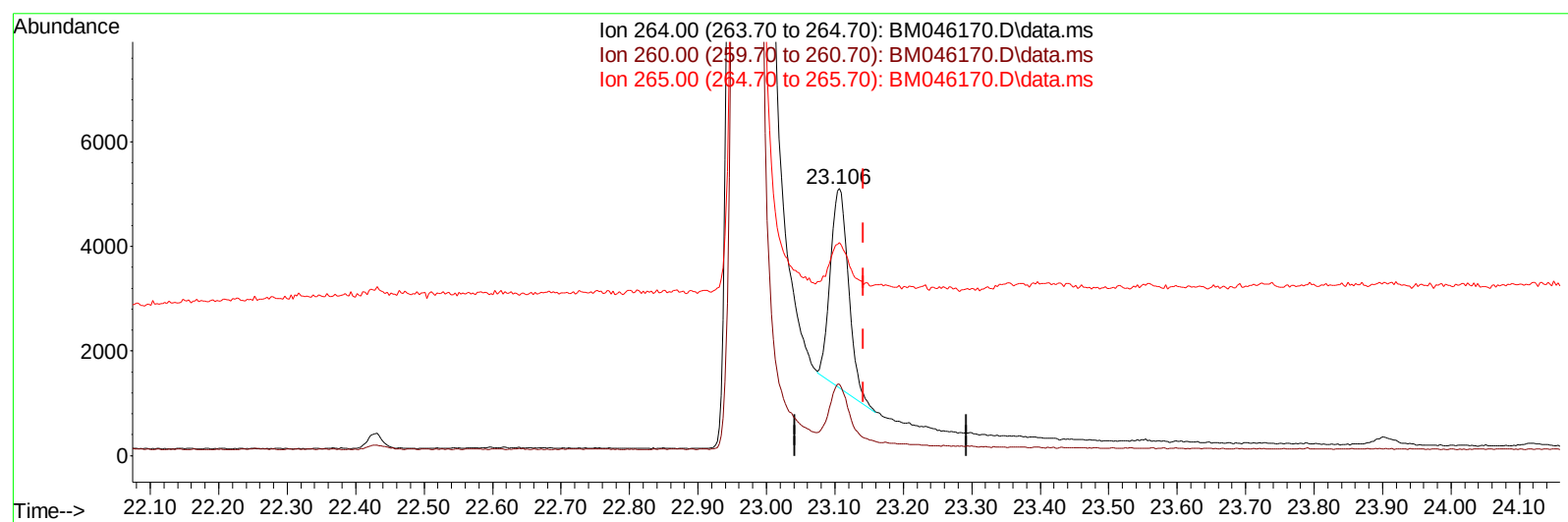
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

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TIC: BM046170.D\data.ms

(23) Perylene-d12 (I)

23.106min (-0.036) 0.40 ng/ul m

response 7011

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.81
265.00	110.60	79.89#
0.00	0.00	0.00

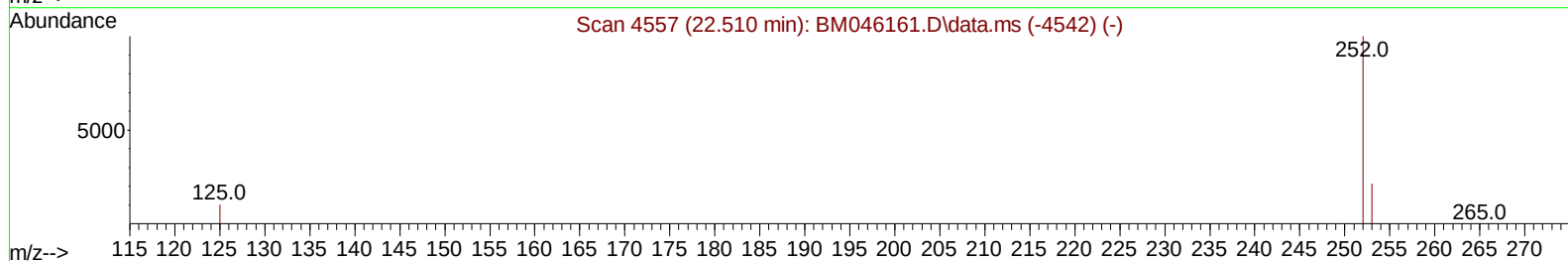
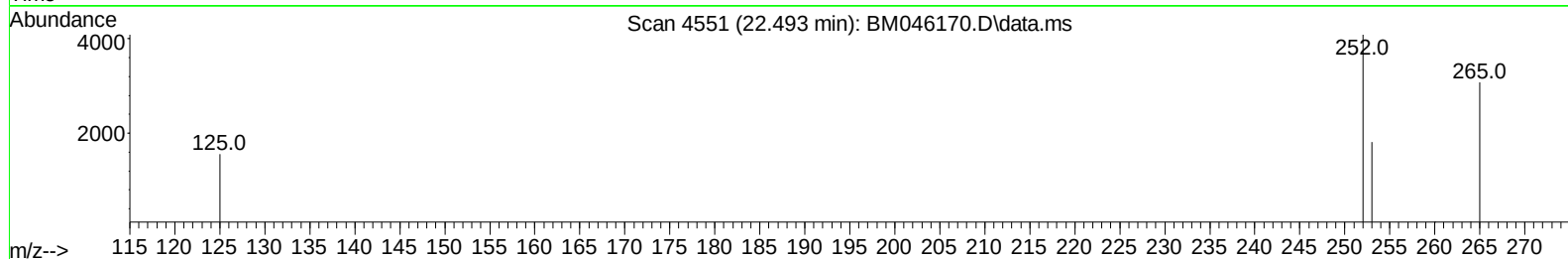
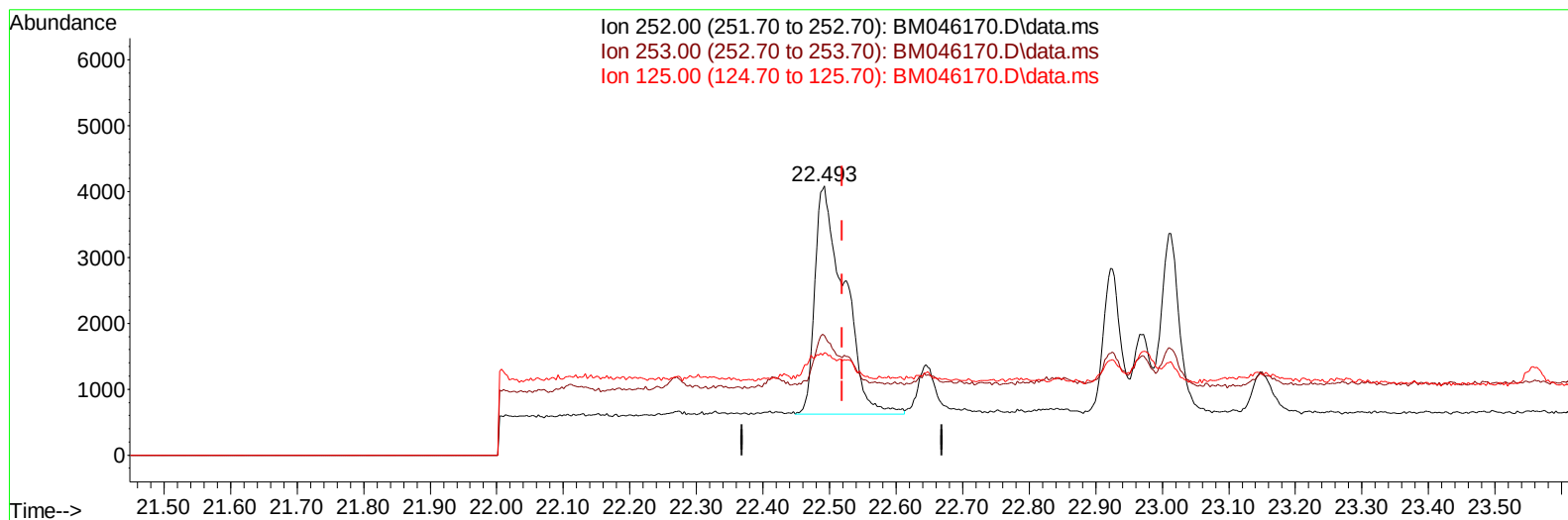
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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TIC: BM046170.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 0.42 ng/u1

response 10675

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	44.40
125.00	20.10	38.11
0.00	0.00	0.00

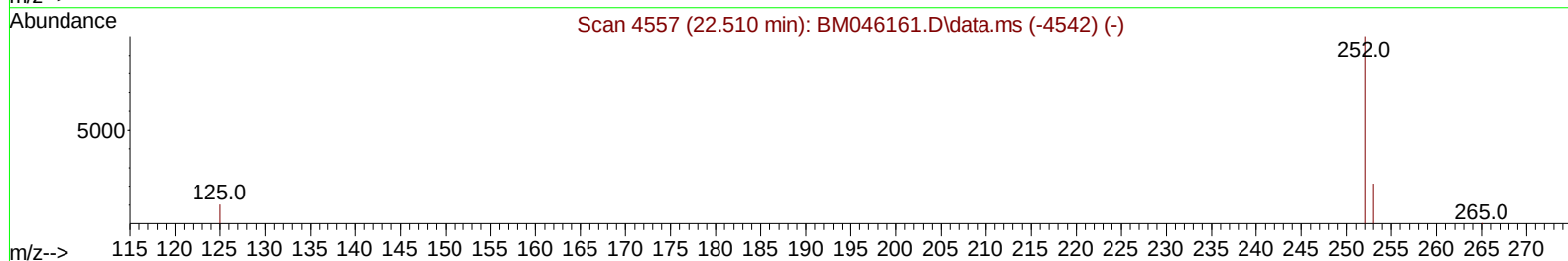
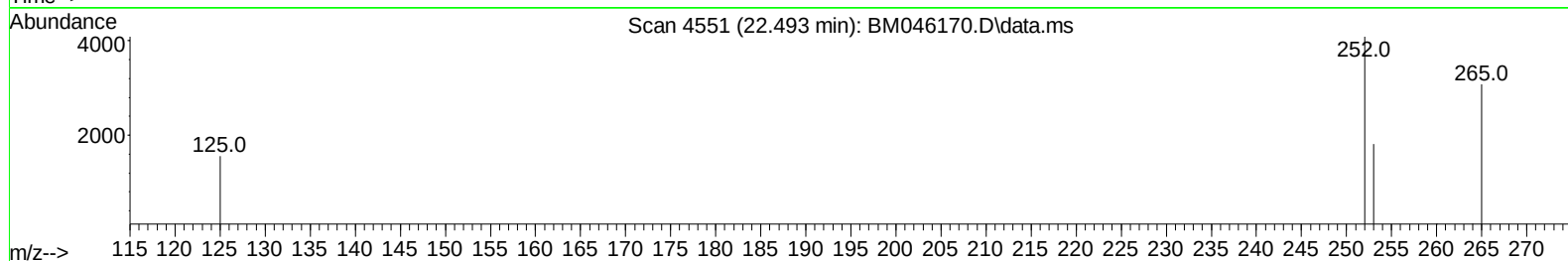
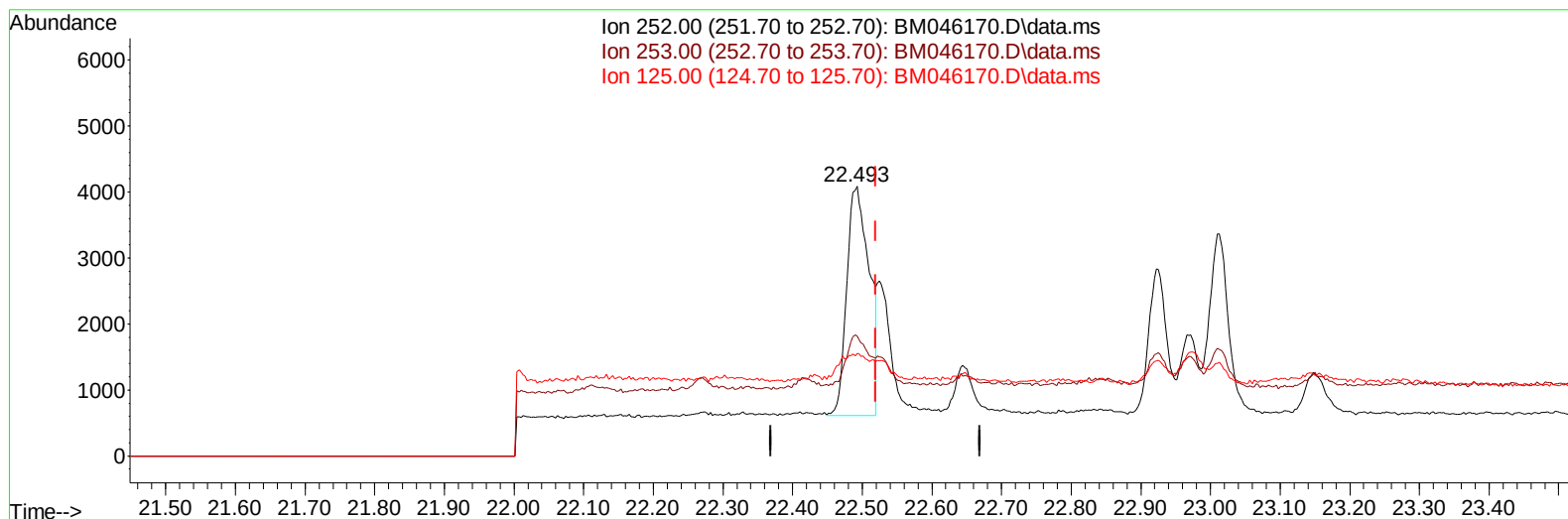
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

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TIC: BM046170.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 0.31 ng/ul m

response 7727

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	44.40
125.00	20.10	38.11
0.00	0.00	0.00

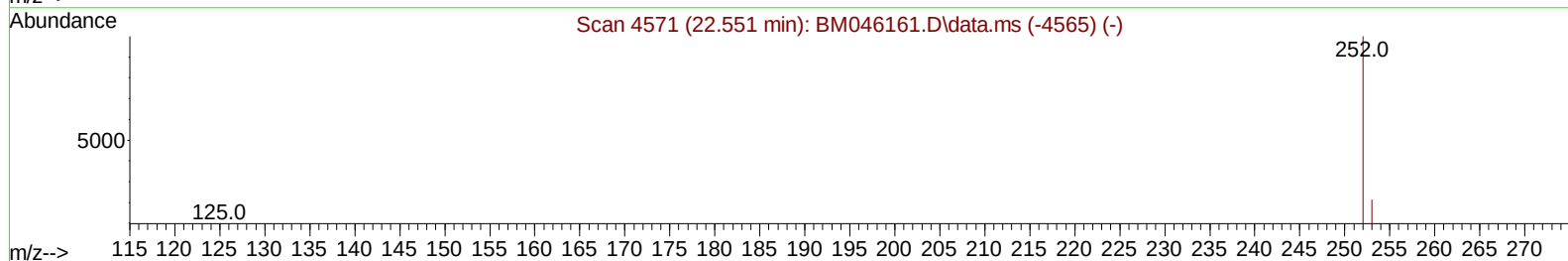
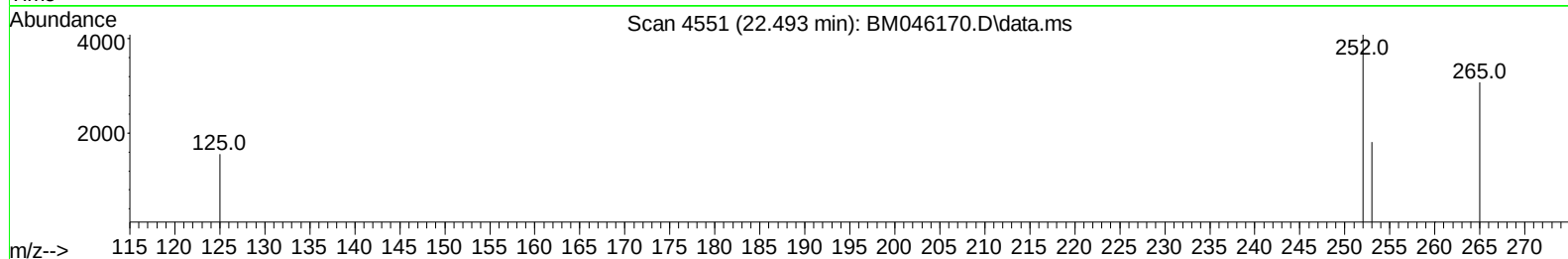
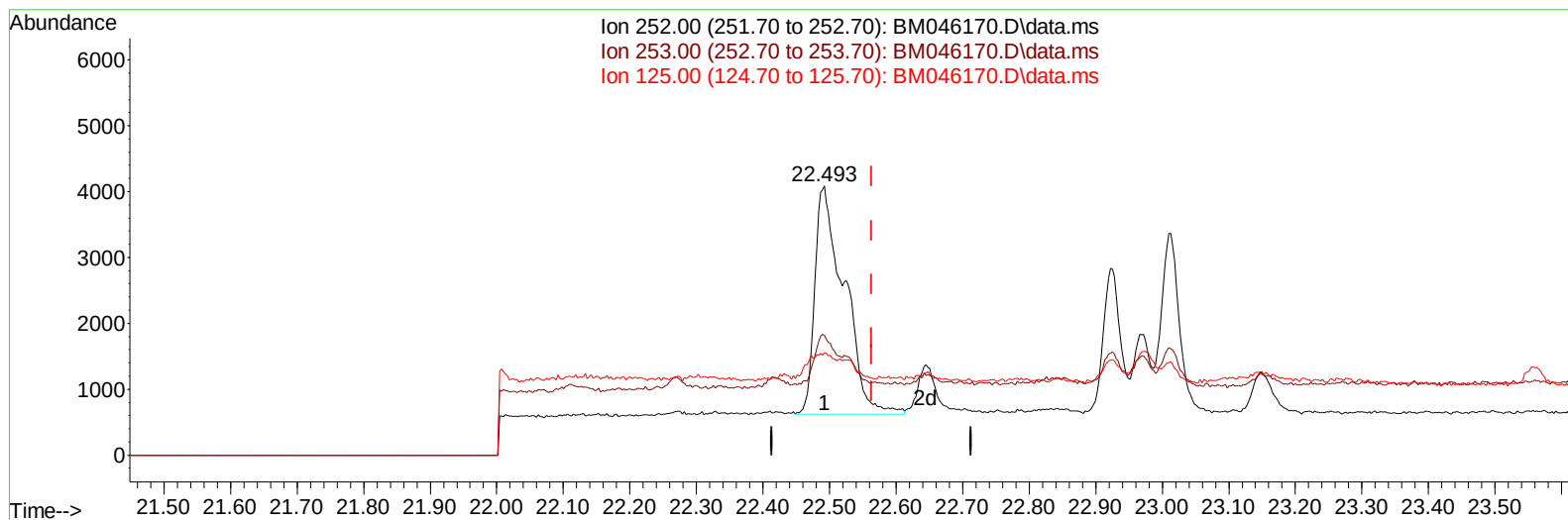
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

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TIC: BM046170.D\data.ms

(25) Benzo(k)fluoranthene

22.493min (-0.071) 0.36 ng/u1

response 10675

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	44.40#
125.00	20.80	38.11#
0.00	0.00	0.00

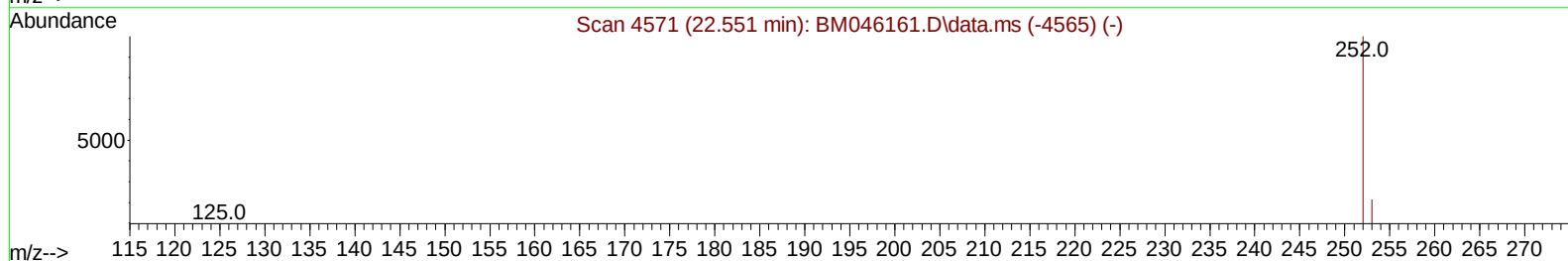
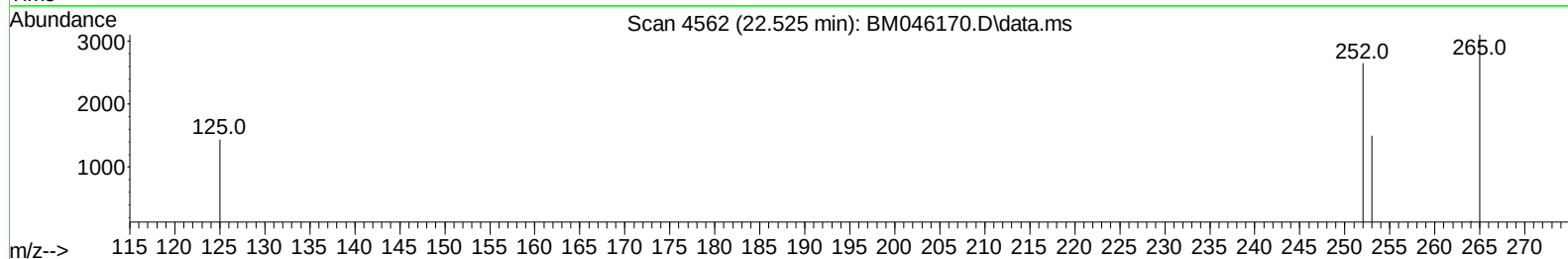
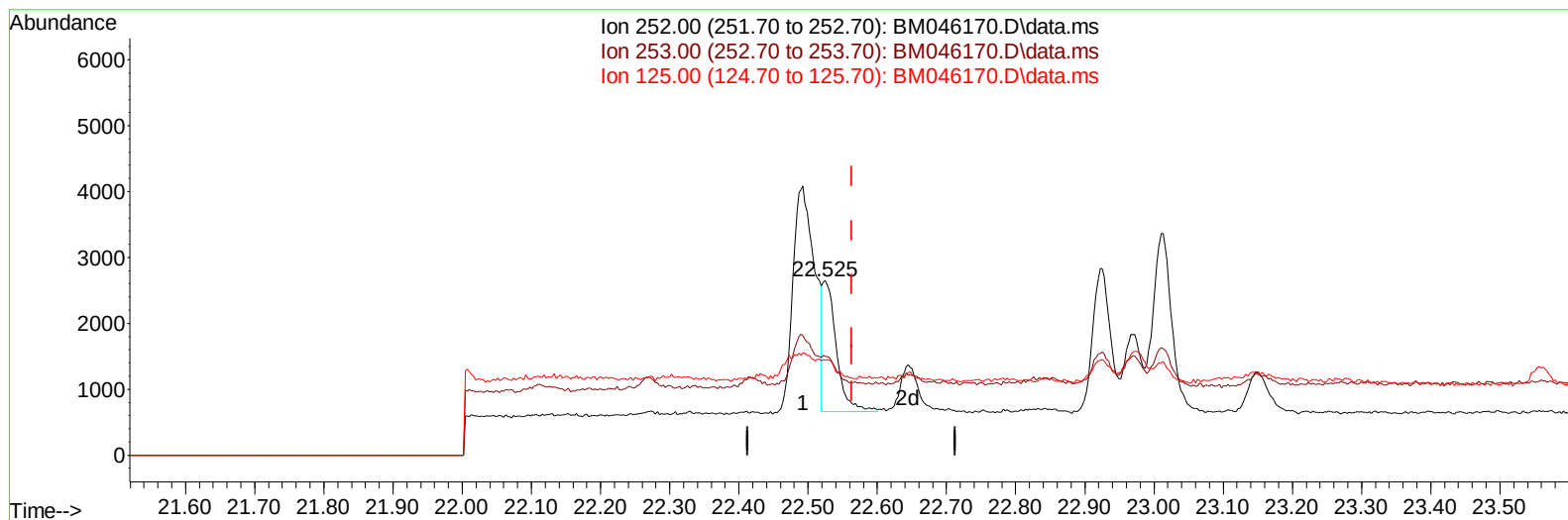
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
Operator : MA/JU
Sample : P2754-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:28:15 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: BM046170.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.039) 0.09 ng/ul m

response 2748

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	56.47#
125.00	20.80	54.40#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.417	152		2496	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.188	136		7126	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164		3930	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188		8133m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.017	240		6560m	0.400	ng/ul	-0.03
23) Perylene-d12	23.106	264		7011m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.029	96		11855	3.462	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152		2537	0.265	ng/ul	-0.05
18) Fluoranthene-d10	18.849	212		5332	0.271	ng/ul	-0.04
Target Compounds							
						Qvalue	
5) Naphthalene	10.238	128		538	0.027	ng/ul#	60
10) Acenaphthylene	13.780	152		770	0.041	ng/ul#	63
11) Acenaphthene	14.127	153		276	0.021	ng/ul#	91
12) Fluorene	15.122	166		449	0.031	ng/ul#	92
15) Phenanthrene	16.854	178		5960m	0.261	ng/ul	
16) Anthracene	16.943	178		1598m	0.094	ng/ul	
19) Fluoranthene	18.876	202		11319	0.399	ng/ul	99
20) Pyrene	19.234	202		11241	0.366	ng/ul#	90
21) Benzo(a)anthracene	21.002	228		5628	0.222	ng/ul#	90
22) Chrysene	21.052	228		4852	0.150	ng/ul#	91
24) Benzo(b)fluoranthene	22.493	252		7727m	0.306	ng/ul	
25) Benzo(k)fluoranthene	22.525	252		2748m	0.092	ng/ul	
26) Benzo(a)pyrene	23.013	252		5148	0.220	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.168	276		3777	0.099	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.165	278		872	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	25.785	276		3980	0.121	ng/ul#	79

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

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