

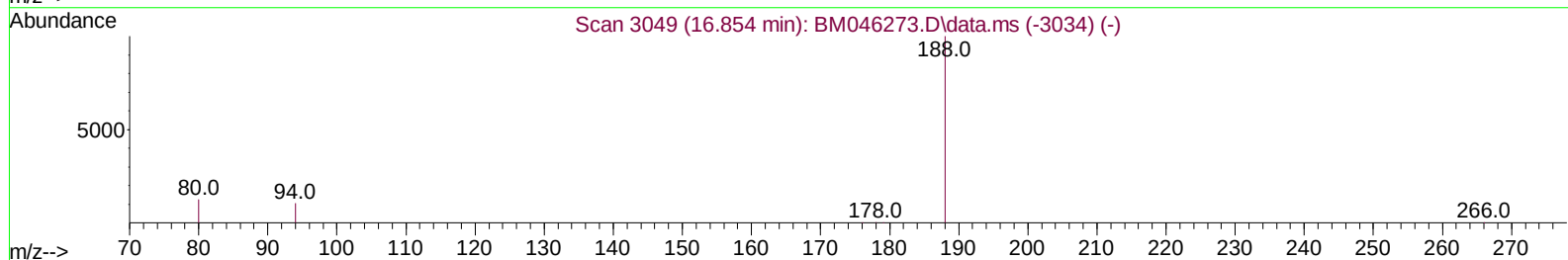
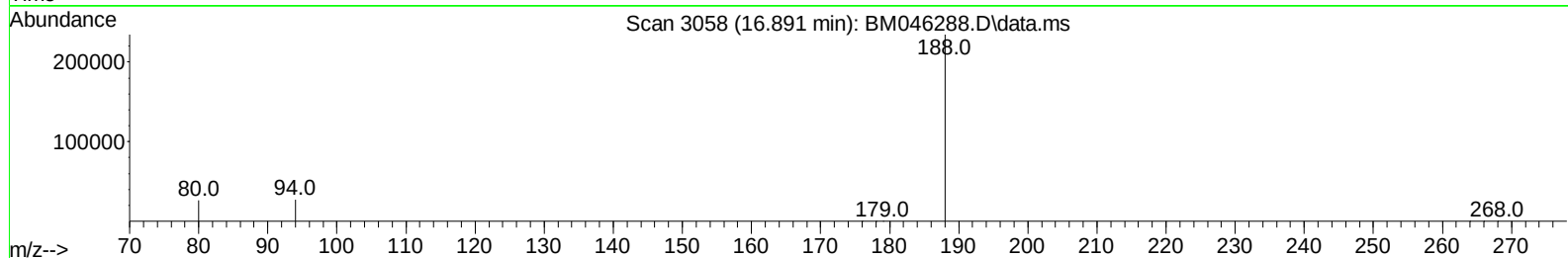
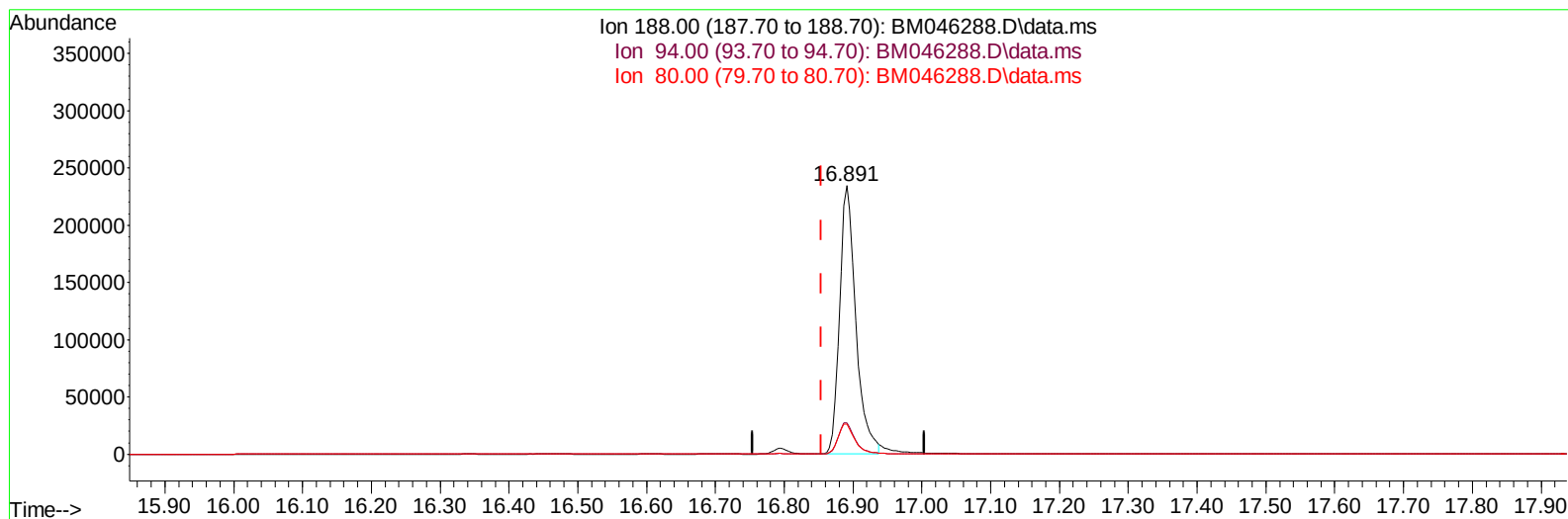
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

Quant Time: Jun 25 14:43:26 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 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046288.D\data.ms

(13) Phenanthrene-d10 (I)

16.891min (+ 0.037) 0.40 ng/u1

response 383745

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.63
80.00	15.20	11.12#
0.00	0.00	0.00

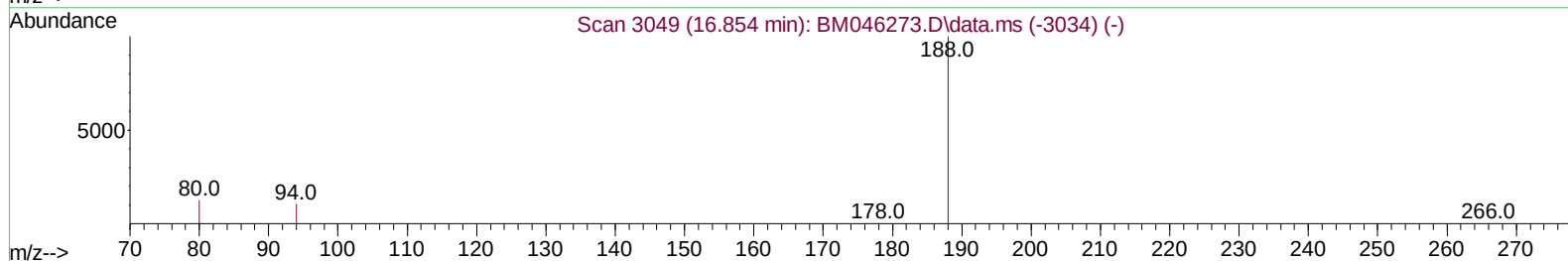
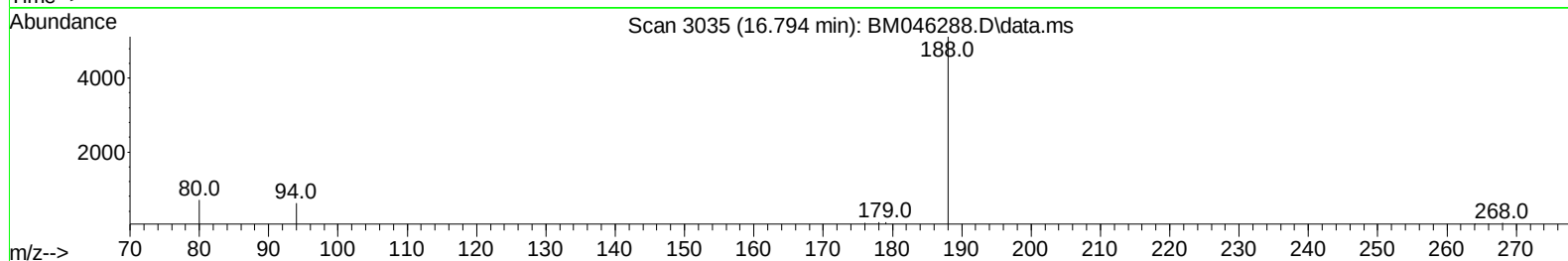
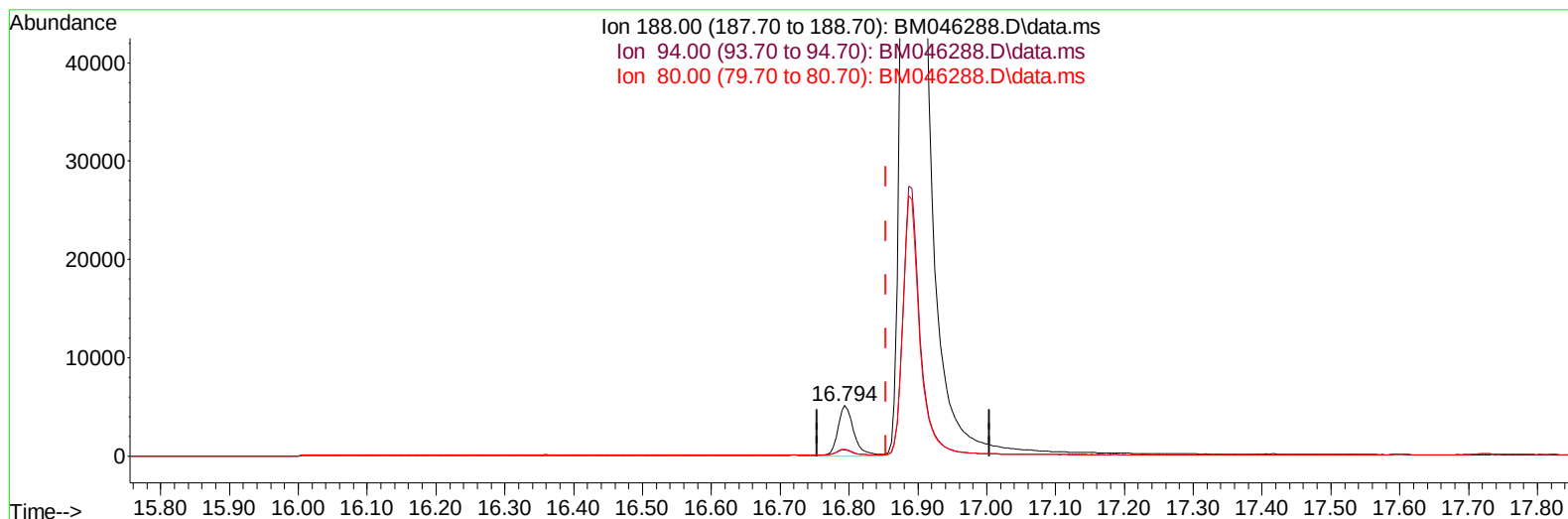
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

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TIC: BM046288.D\data.ms

(13) Phenanthrene-d10 (I)

16.794min (-0.060) 0.40 ng/ul m

response 8245

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.25
80.00	15.20	13.73
0.00	0.00	0.00

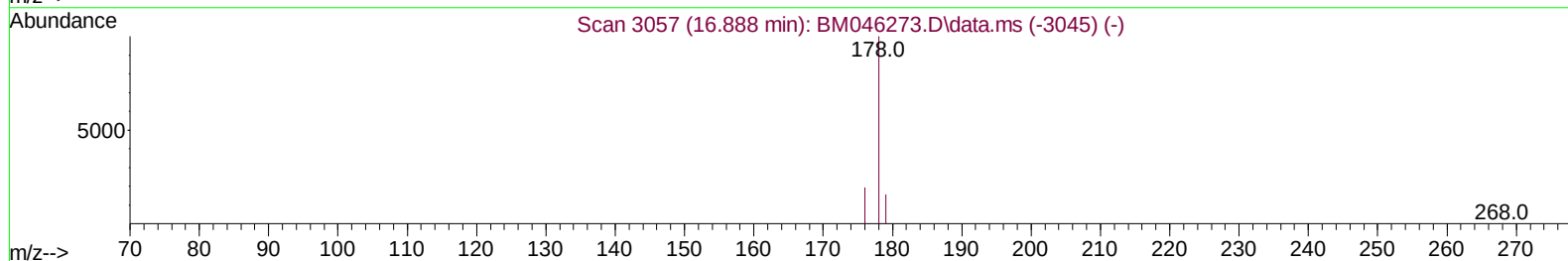
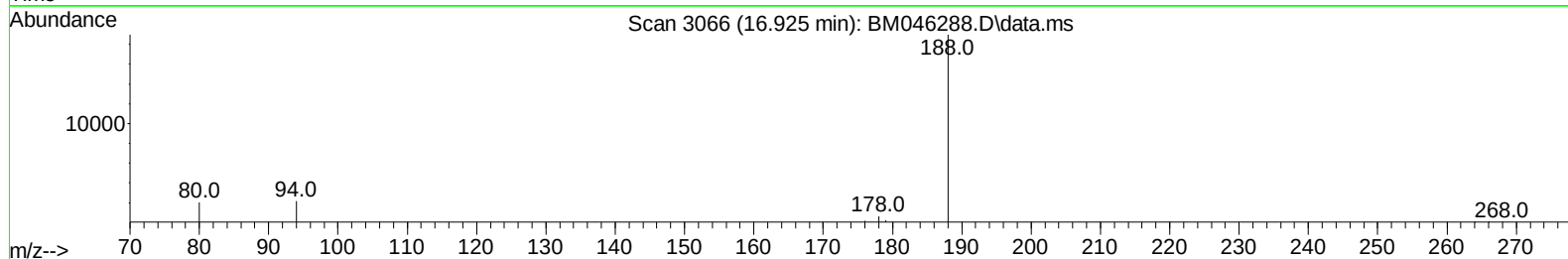
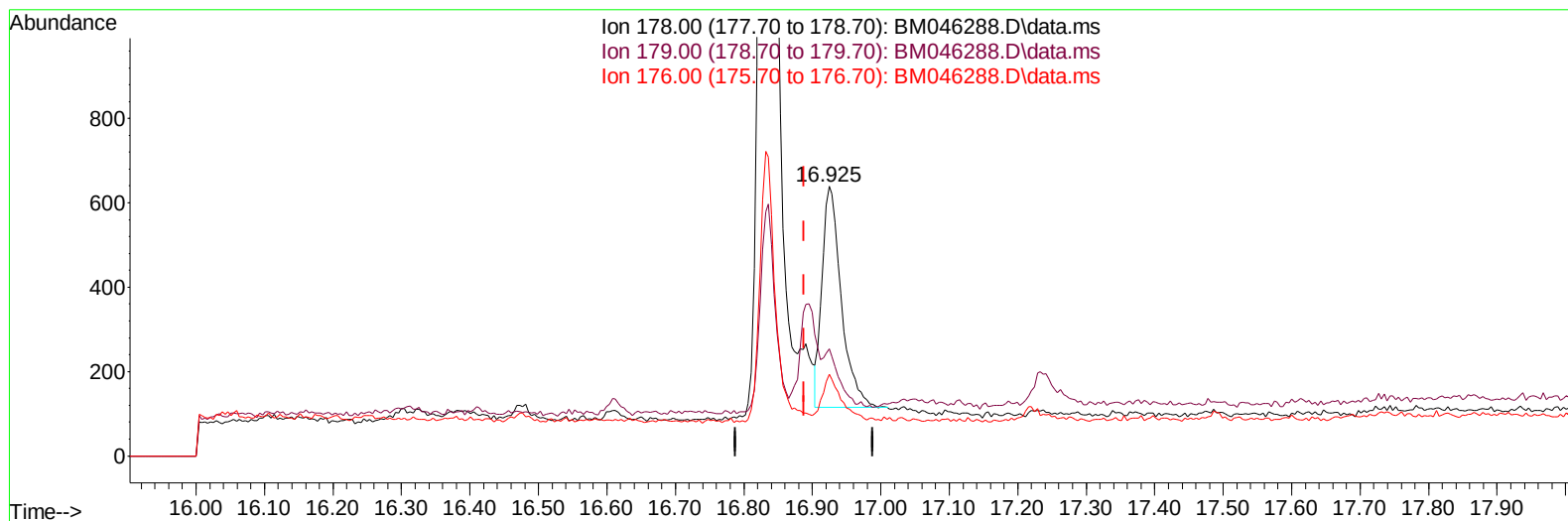
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

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TIC: BM046288.D\data.ms

(15) Phenanthrene

16.925min (+ 0.037) 0.04 ng/u1

response 1021

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	39.59#
176.00	21.40	30.36#
0.00	0.00	0.00

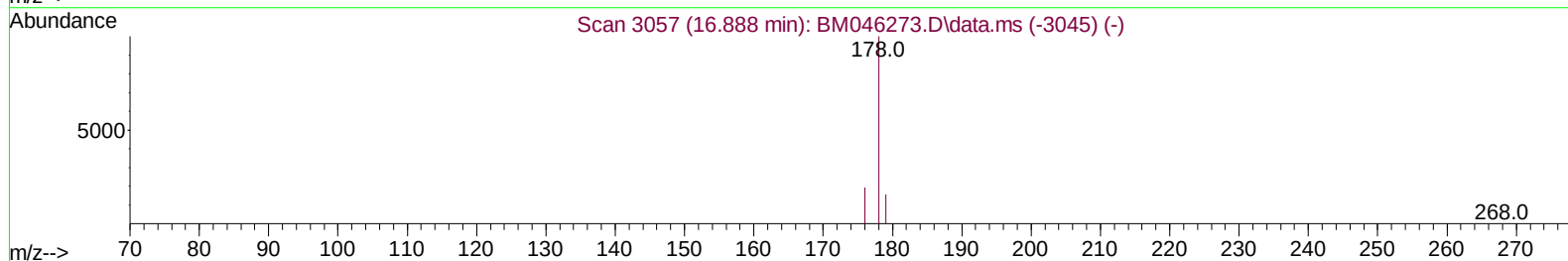
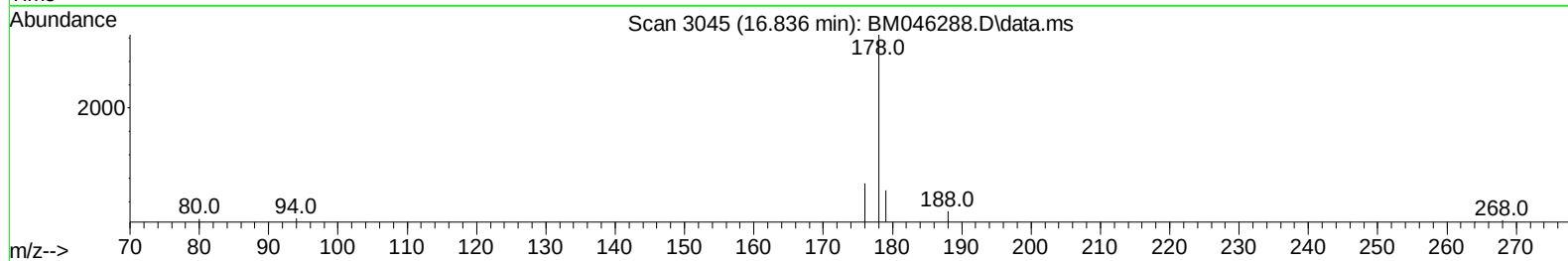
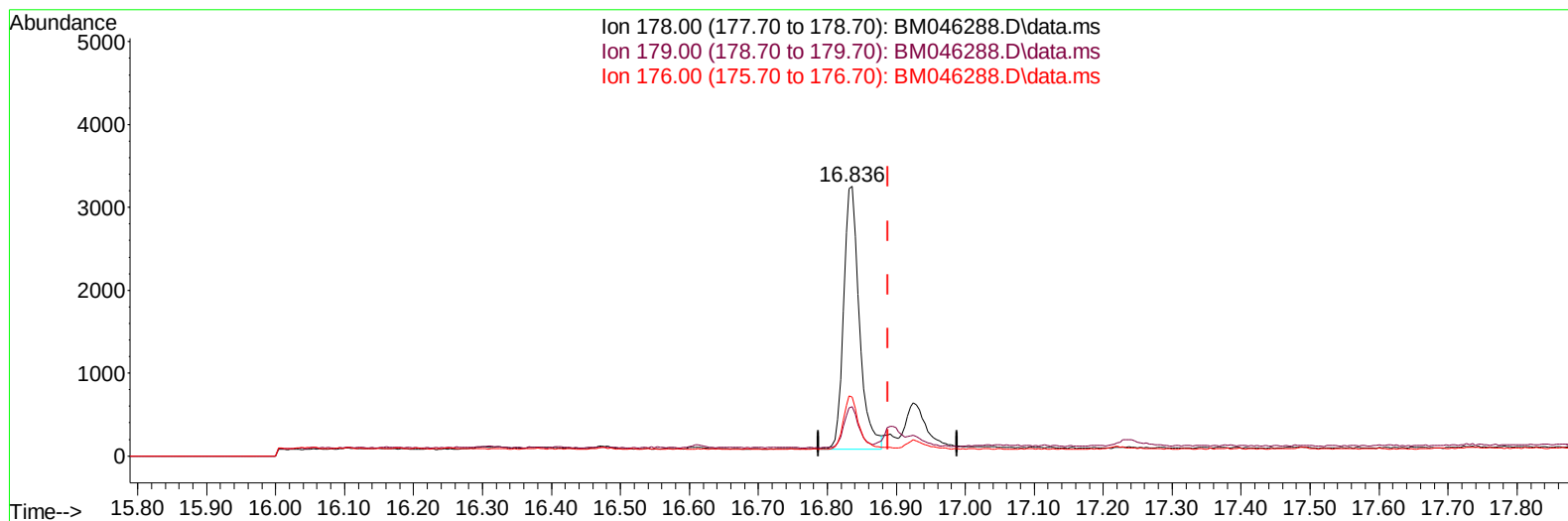
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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TIC: BM046288.D\data.ms

(15) Phenanthrene

16.836min (-0.052) 0.22 ng/ul m

response 5023

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	18.36
176.00	21.40	21.80
0.00	0.00	0.00

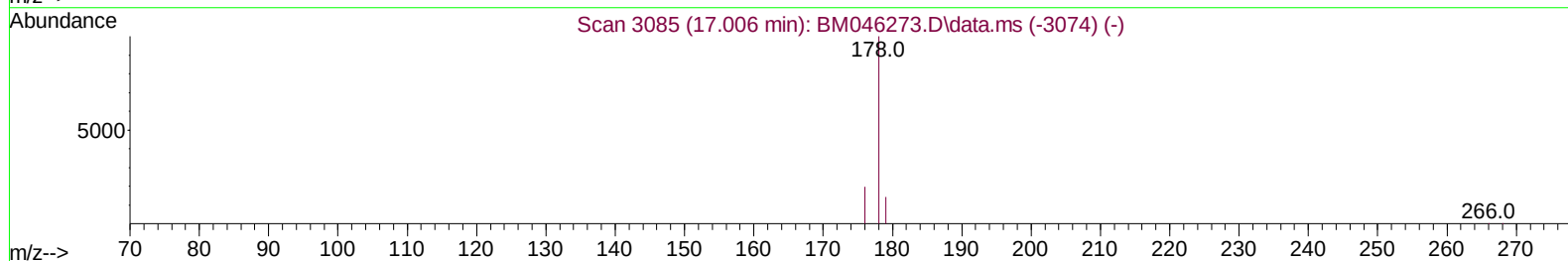
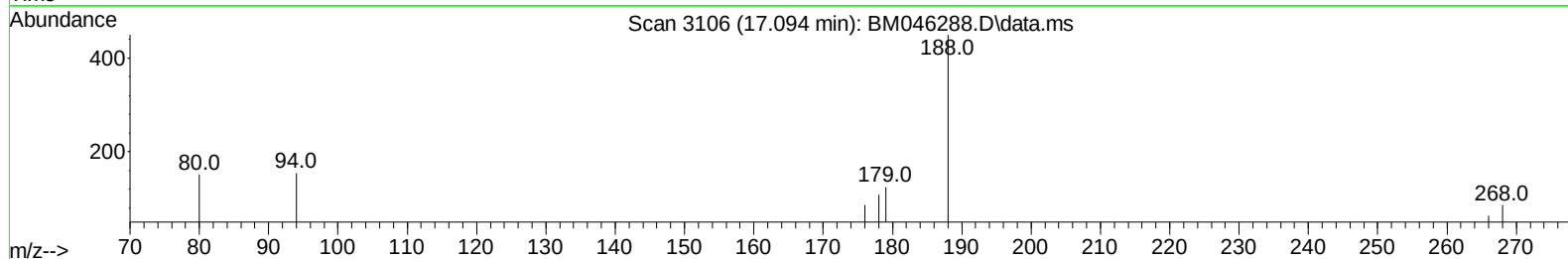
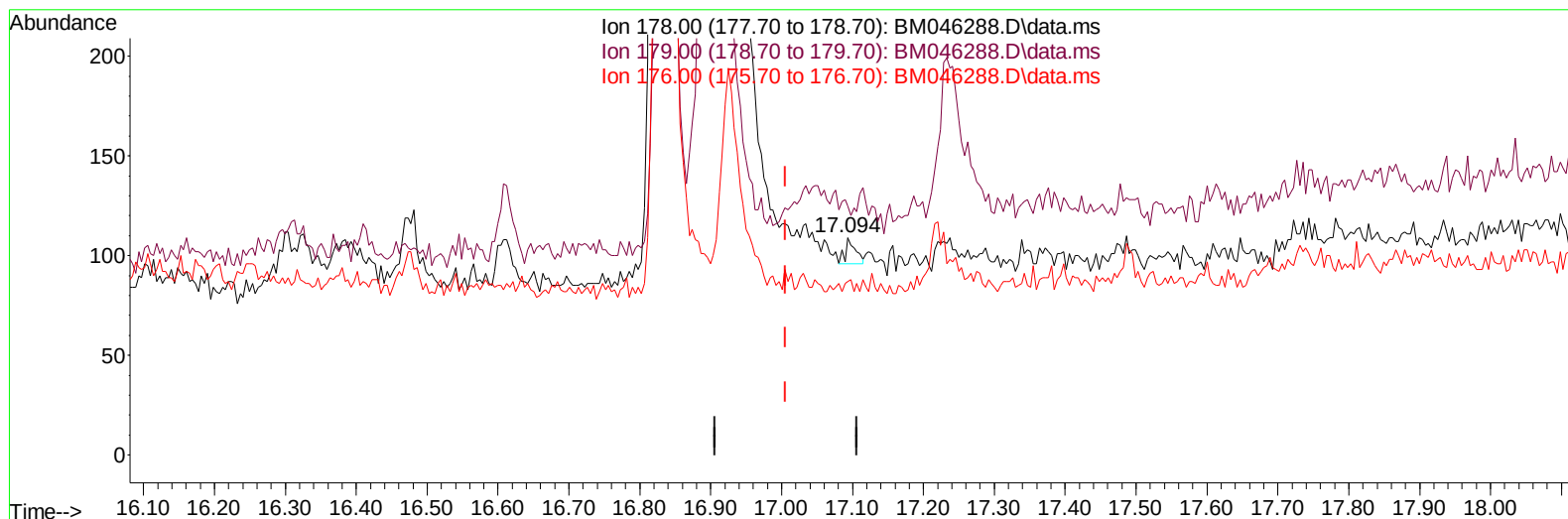
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

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TIC: BM046288.D\data.ms

(16) Anthracene

17.094min (+ 0.087) 0.00 ng/u1

response 13

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	114.68#
176.00	21.20	79.82#
0.00	0.00	0.00

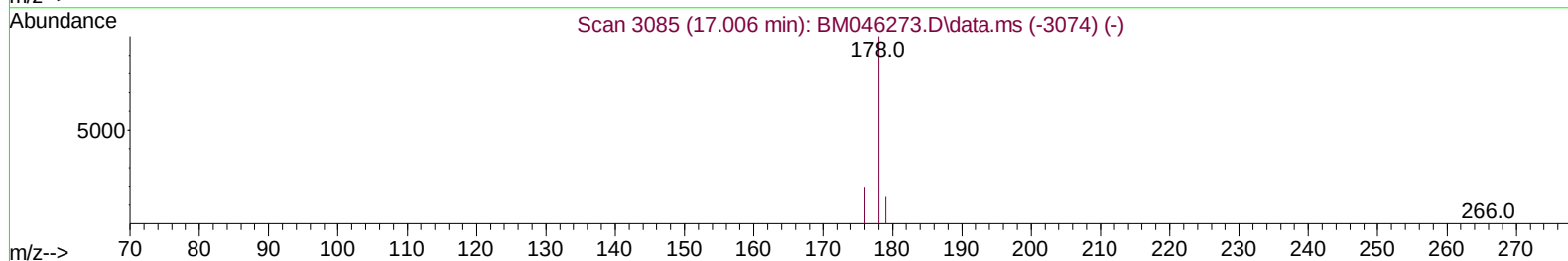
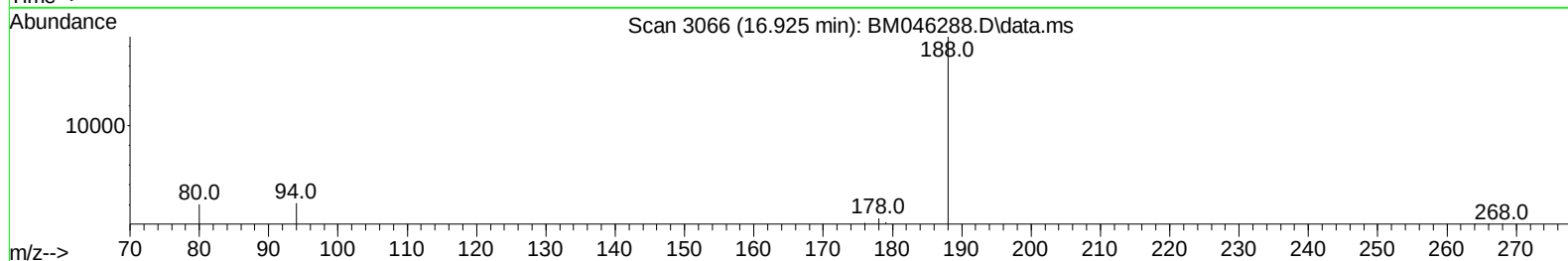
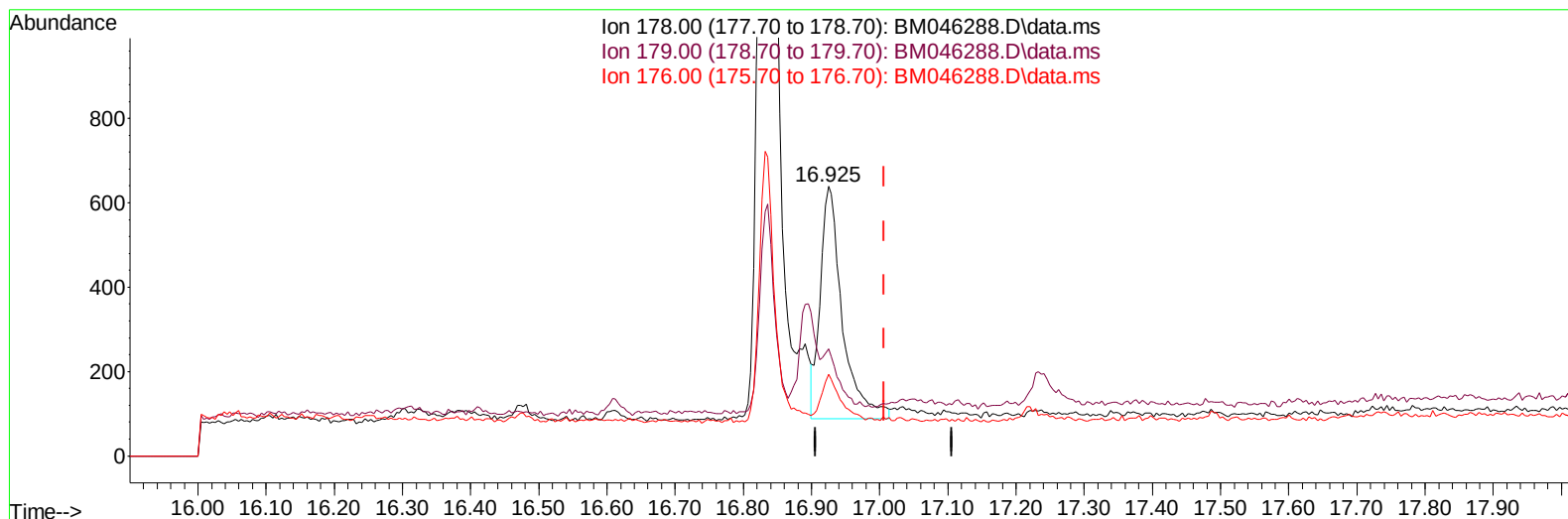
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Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

Quant Time: Jun 25 14:43:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046288.D\data.ms

(16) Anthracene

16.925min (-0.082) 0.07 ng/ul m

response 1229

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	39.59#
176.00	21.20	30.36#
0.00	0.00	0.00

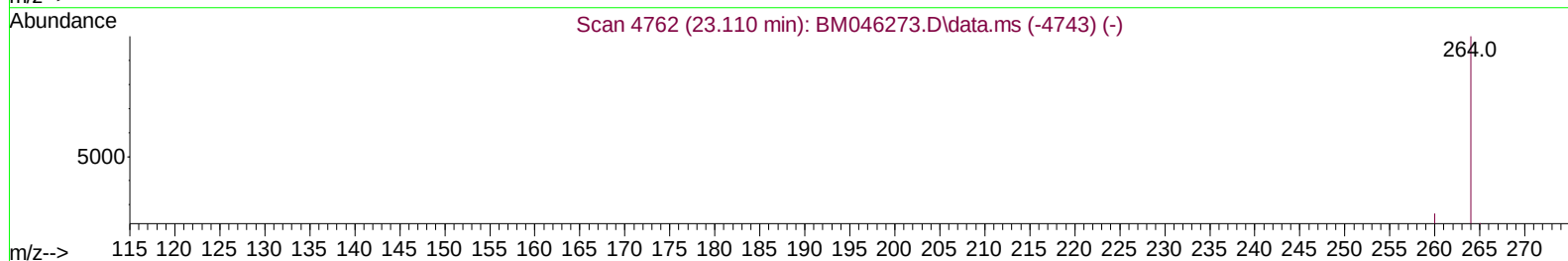
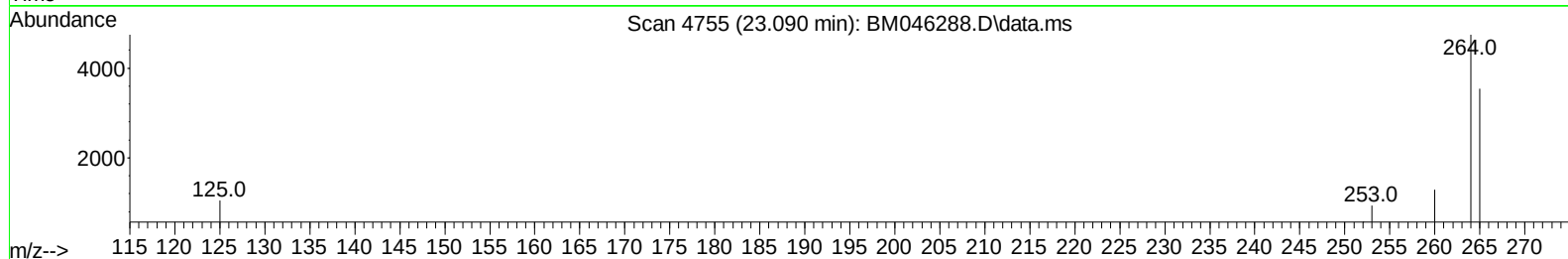
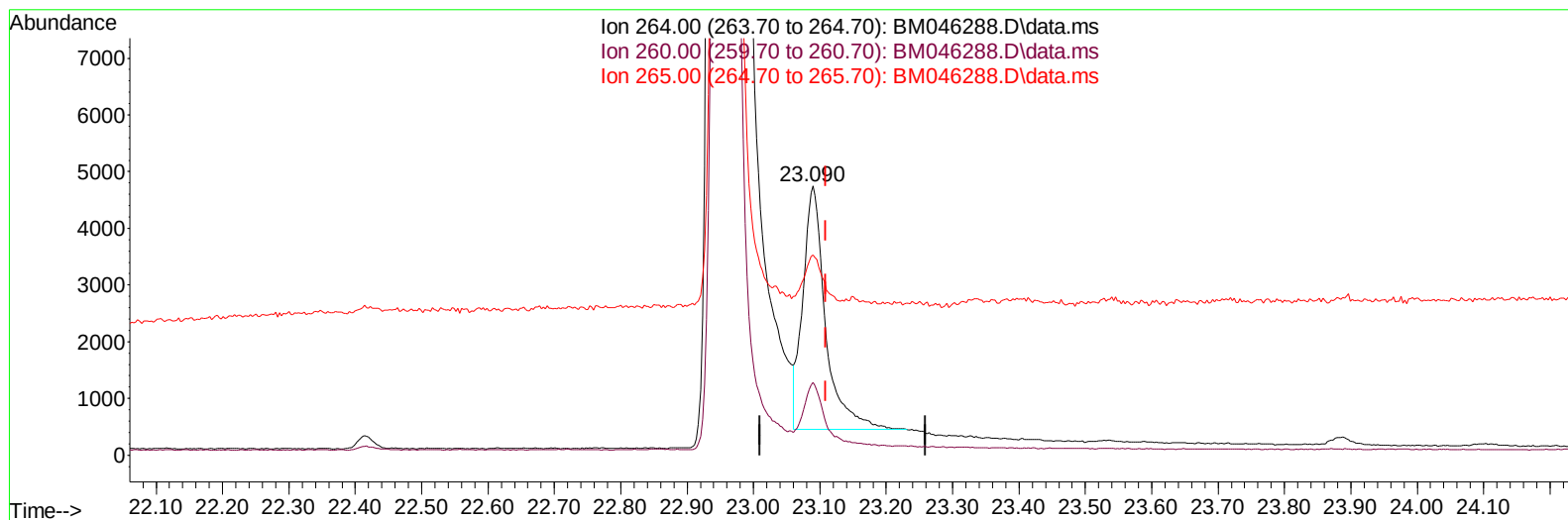
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

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TIC: BM046288.D\data.ms

(23) Perylene-d12 (I)

23.090min (-0.020) 0.40 ng/u1

response 10233

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.11
265.00	110.60	74.51#
0.00	0.00	0.00

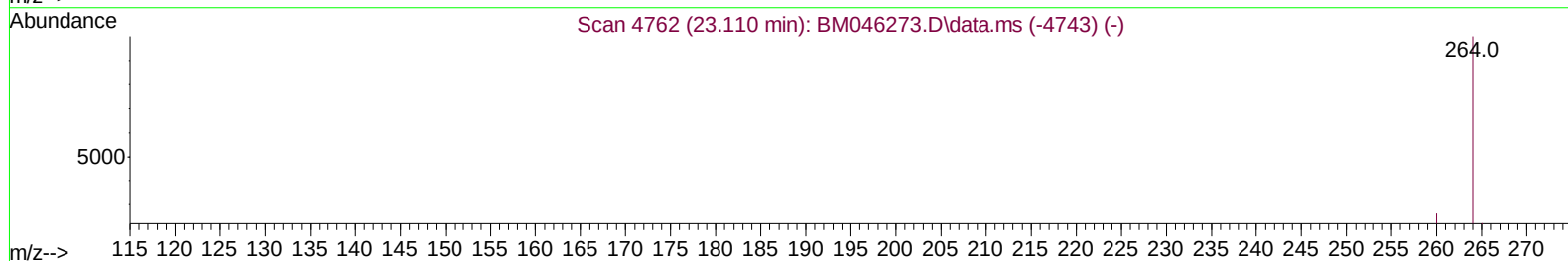
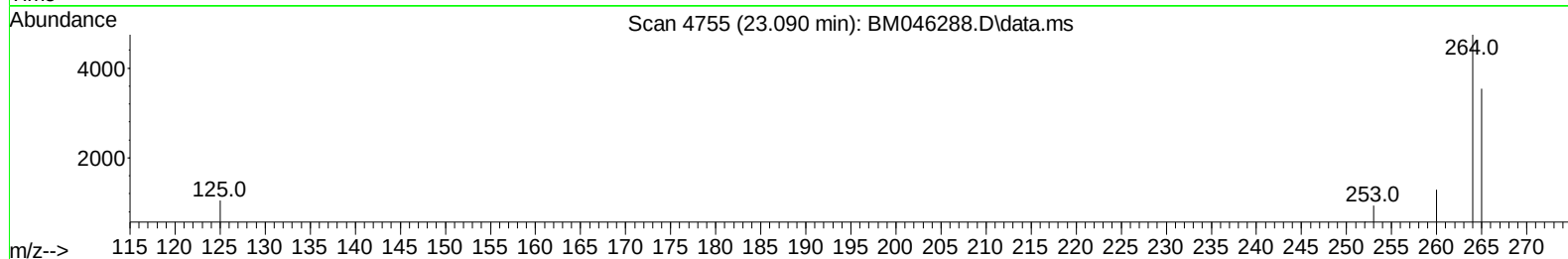
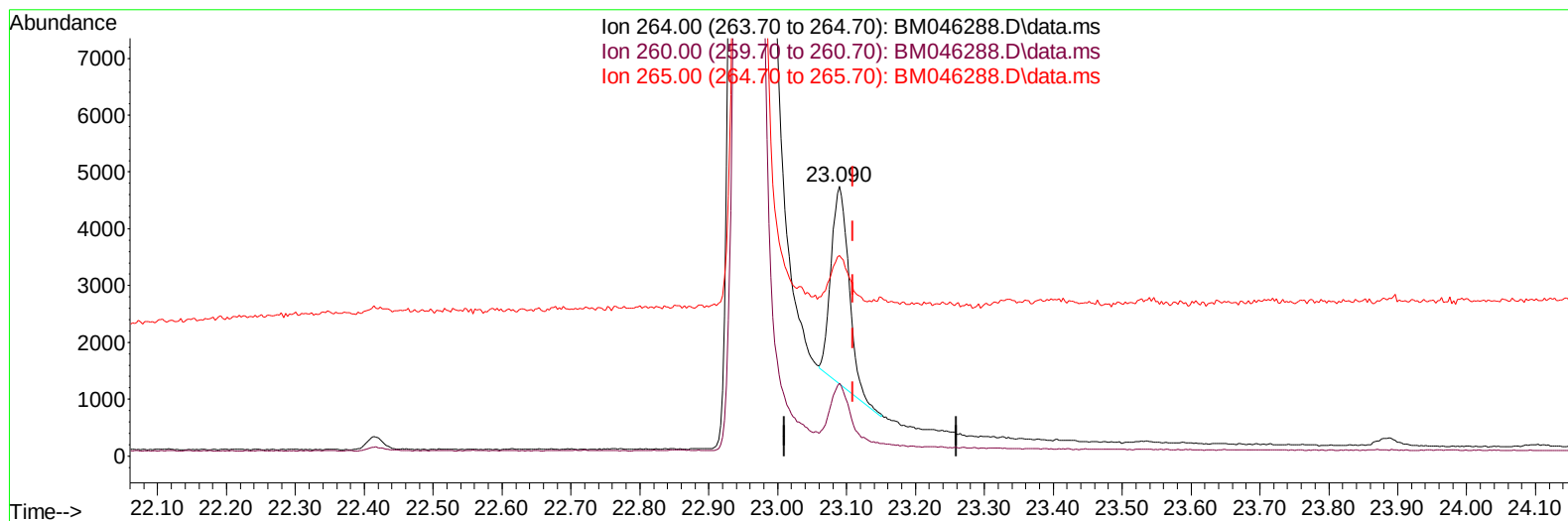
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

Quant Time: Jun 25 14:43:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046288.D\data.ms

(23) Perylene-d12 (I)

23.090min (-0.020) 0.40 ng/ul m

response 6218

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.11
265.00	110.60	74.51#
0.00	0.00	0.00

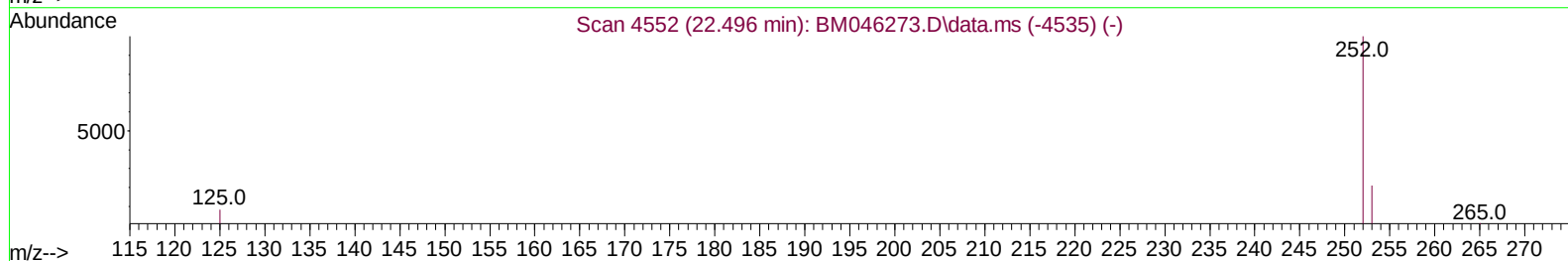
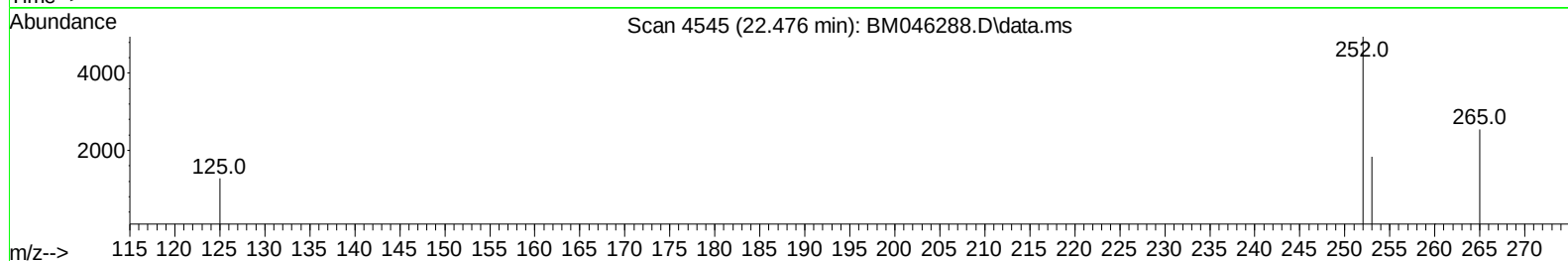
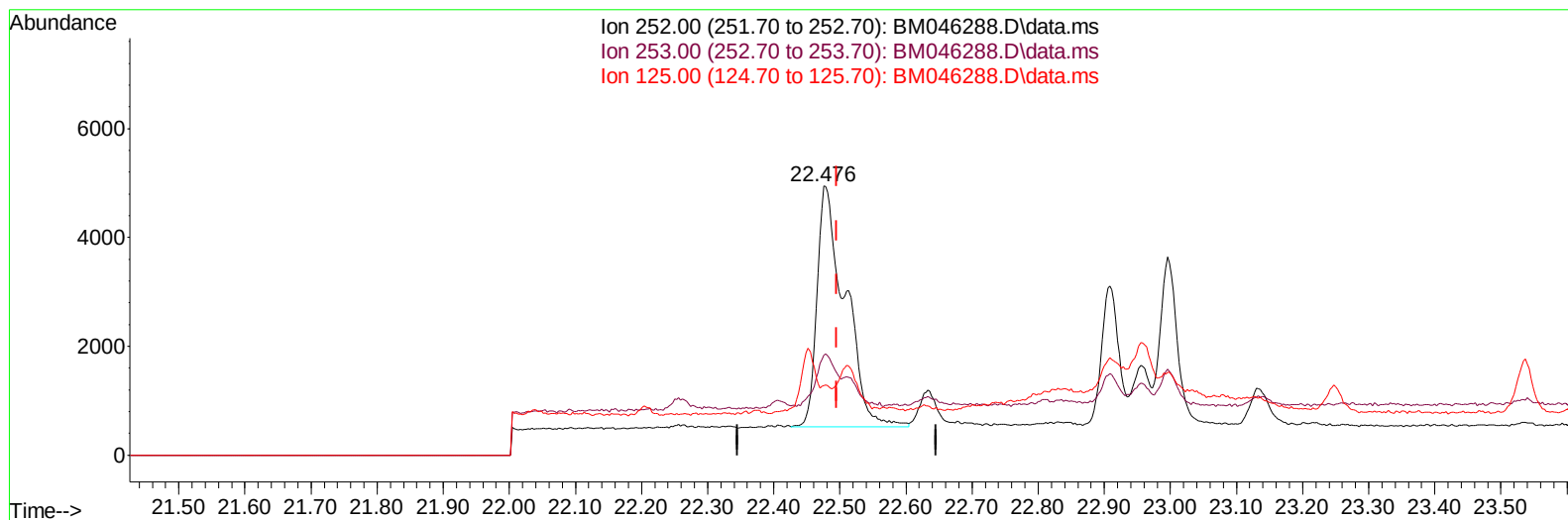
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Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

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TIC: BM046288.D\data.ms

(24) Benzo(b)fluoranthene

22.476min (-0.020) 0.59 ng/u1

response 13131

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	37.13
125.00	20.10	25.80
0.00	0.00	0.00

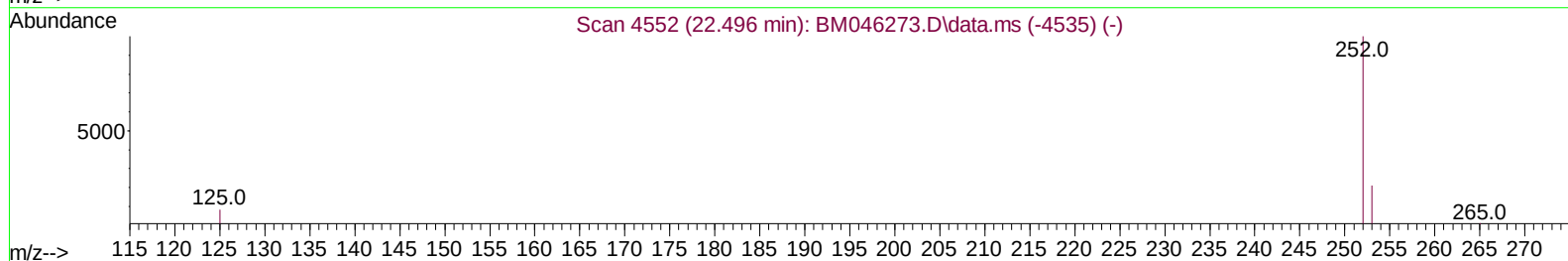
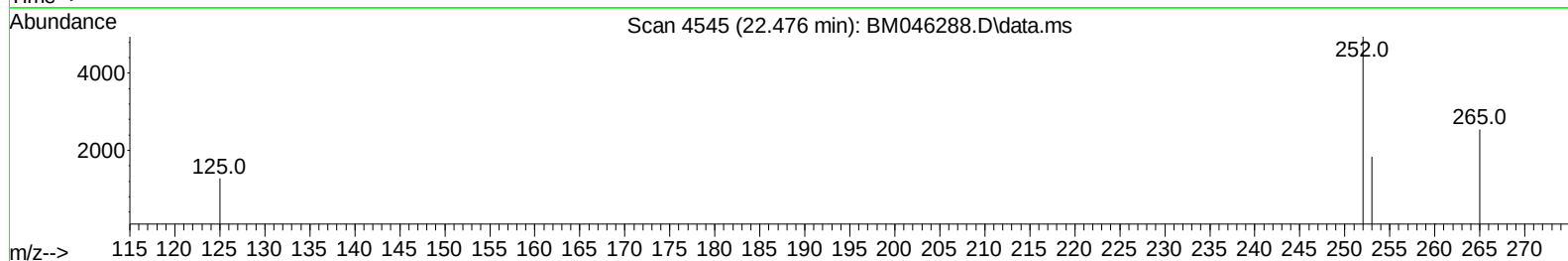
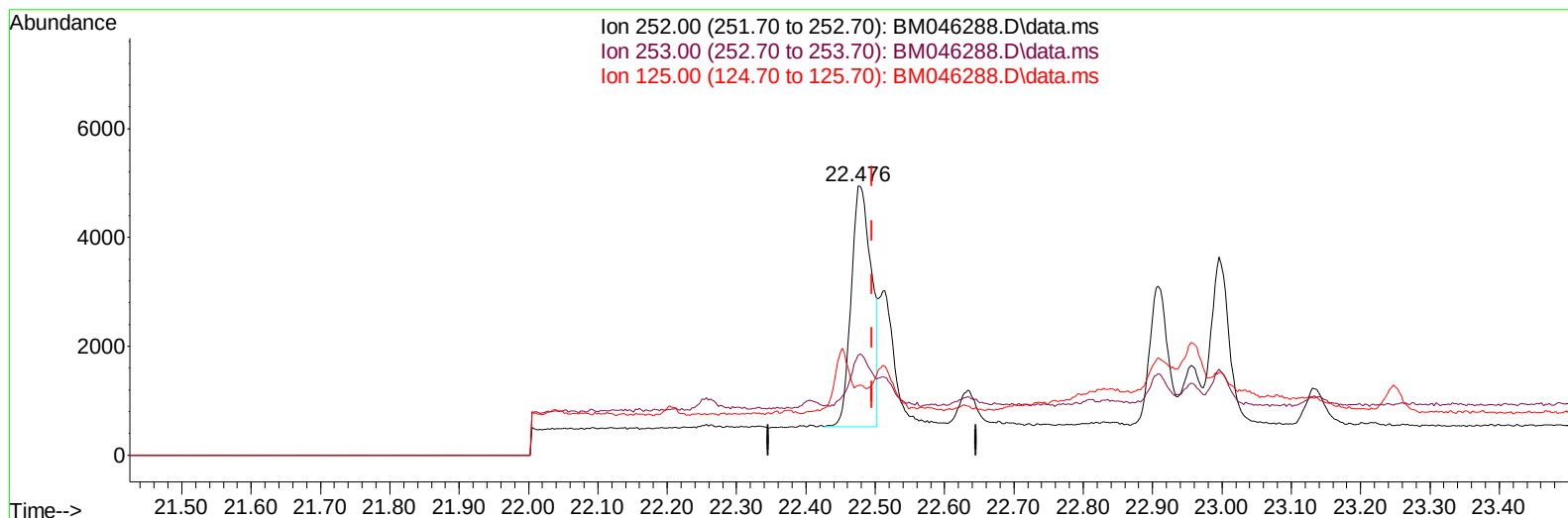
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046288.D
 Acq On : 25 Jun 2024 12:54
 Operator : MA/JU
 Sample : P2844-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C62

Manual IntegrationsAPPROVED

Quant Time: Jun 25 14:43:26 2024
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 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046288.D\data.ms

(24) Benzo(b)fluoranthene

22.476min (-0.020) 0.40 ng/ul m

response 8975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	37.13
125.00	20.10	25.80
0.00	0.00	0.00

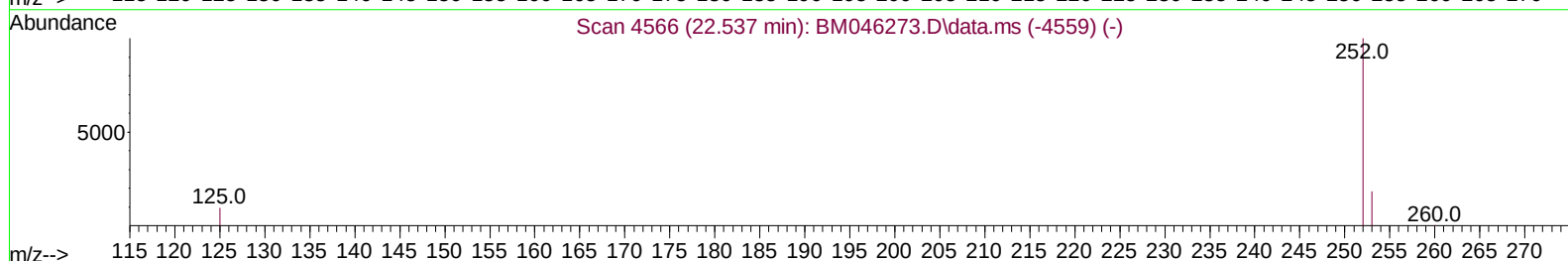
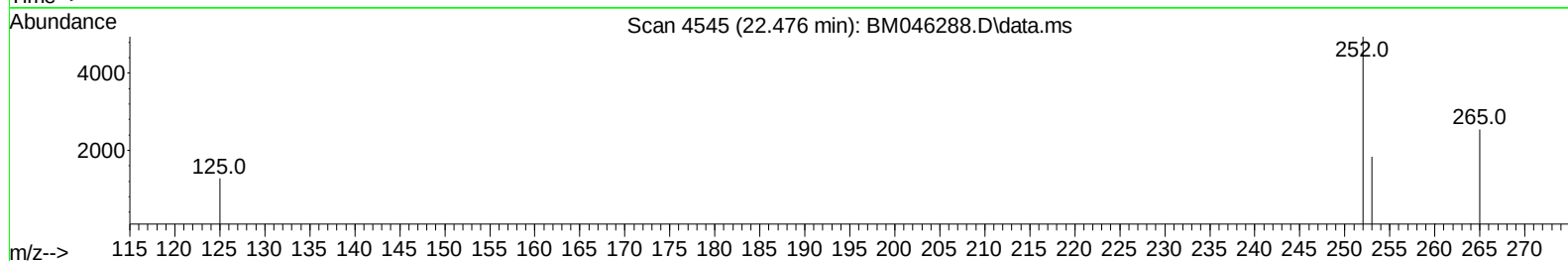
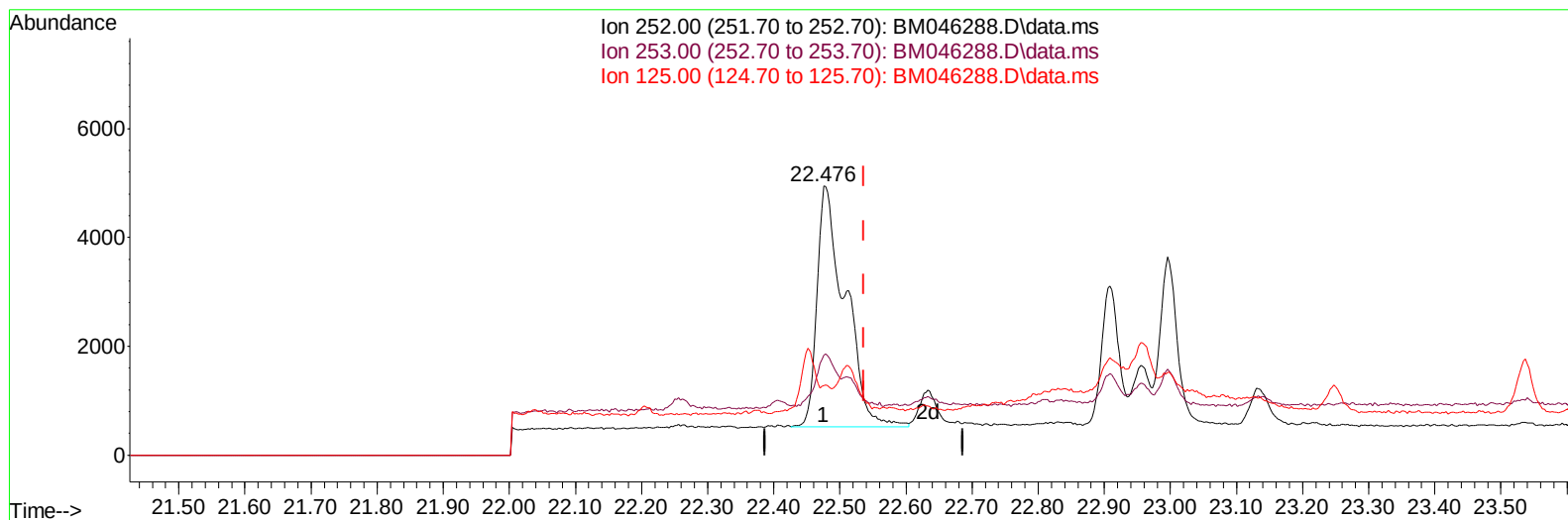
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

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TIC: BM046288.D\data.ms

(25) Benzo(k)fluoranthene22.476min (-0.061) 0.49 ng/u l

response 13131

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	37.13
125.00	20.80	25.80#
0.00	0.00	0.00

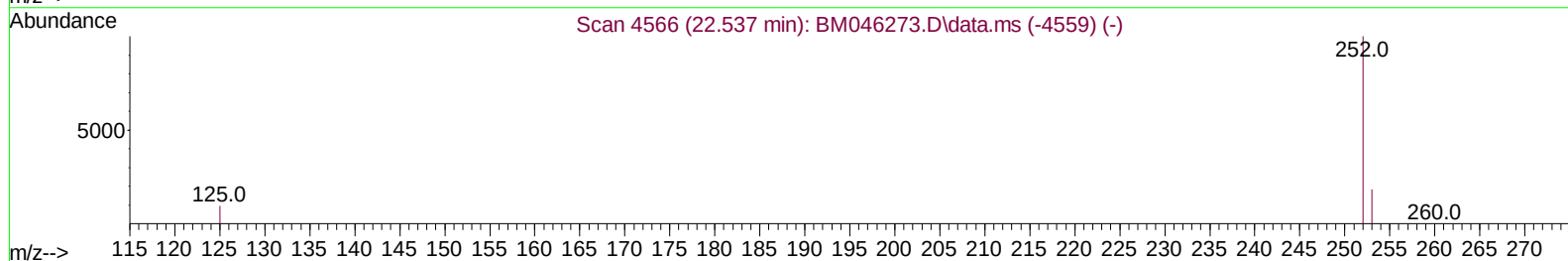
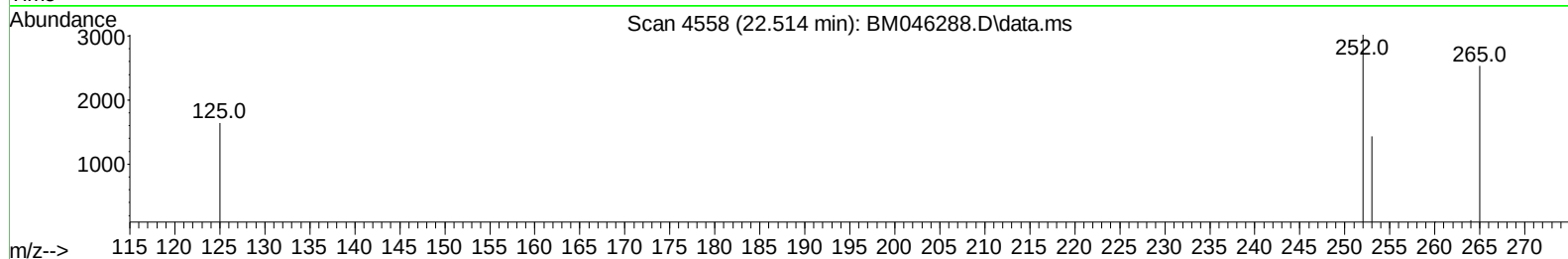
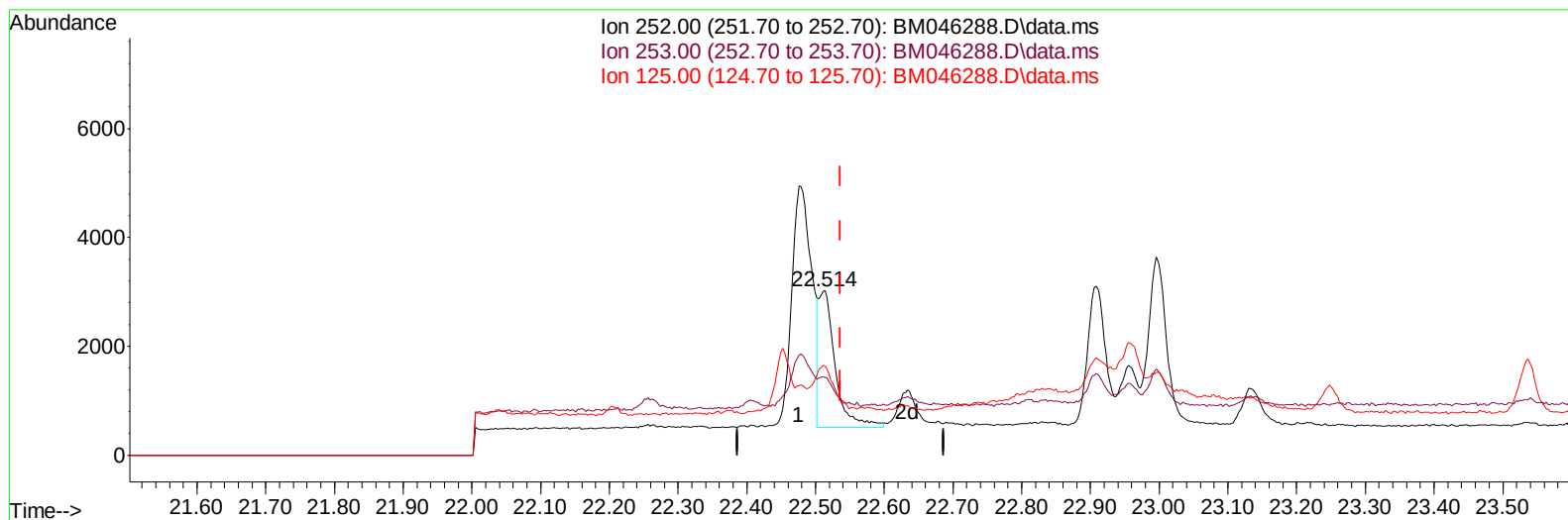
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

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TIC: BM046288.D\data.ms

(25) Benzo(k)fluoranthene

22.514min (-0.023) 0.16 ng/ul m

response 4214

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	47.42#
125.00	20.80	54.30#
0.00	0.00	0.00

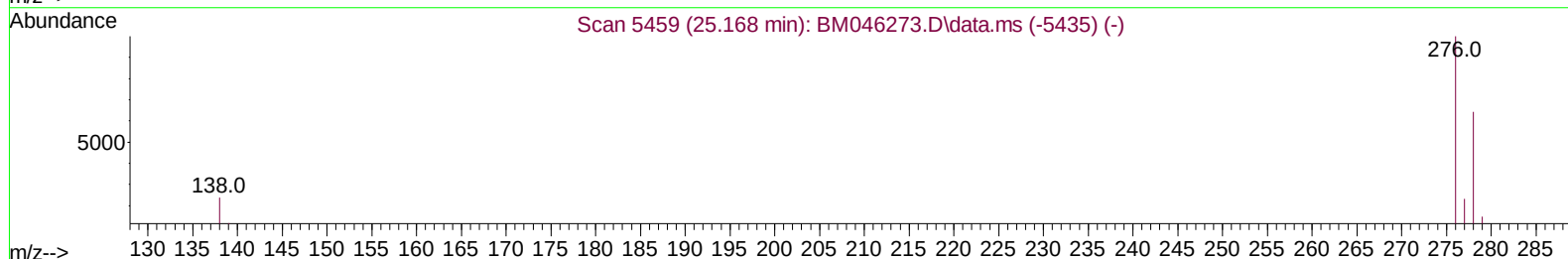
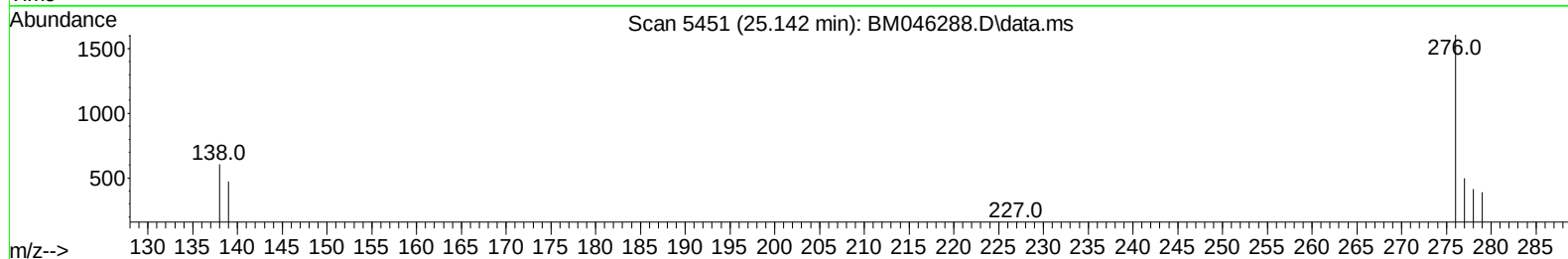
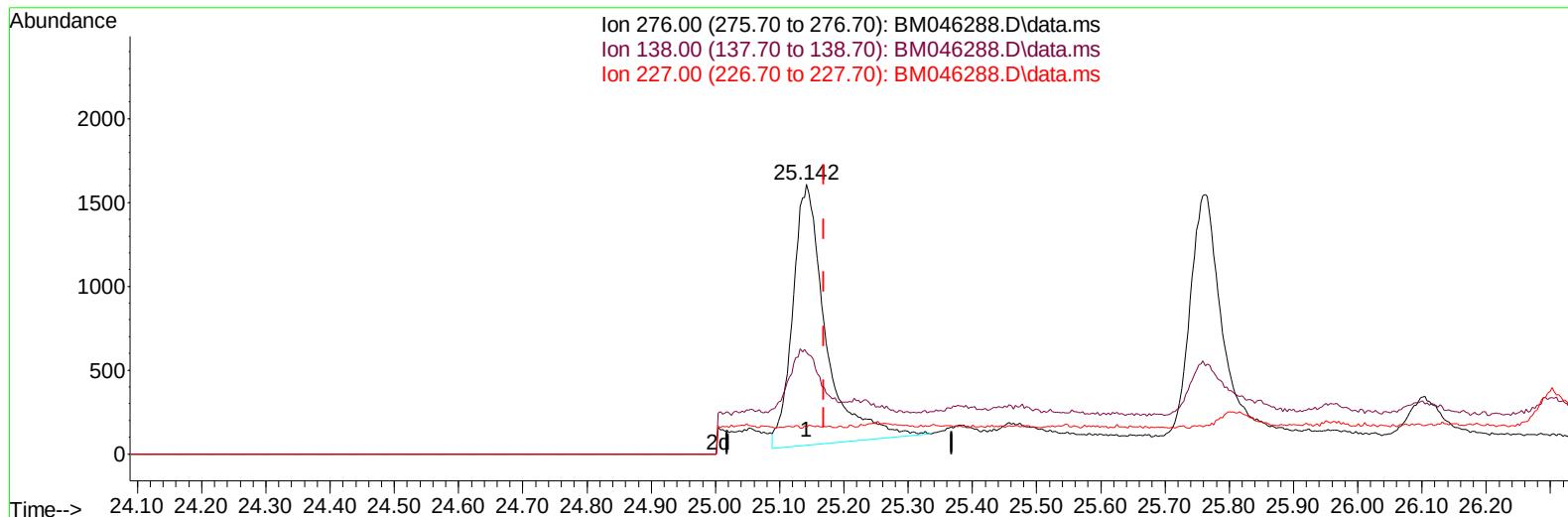
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
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Operator : MA/JU
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Misc :
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Instrument :
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TIC: BM046288.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.142min (-0.026) 0.16 ng/u1

response 5570

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	26.93
227.00	0.00	0.00
0.00	0.00	0.00

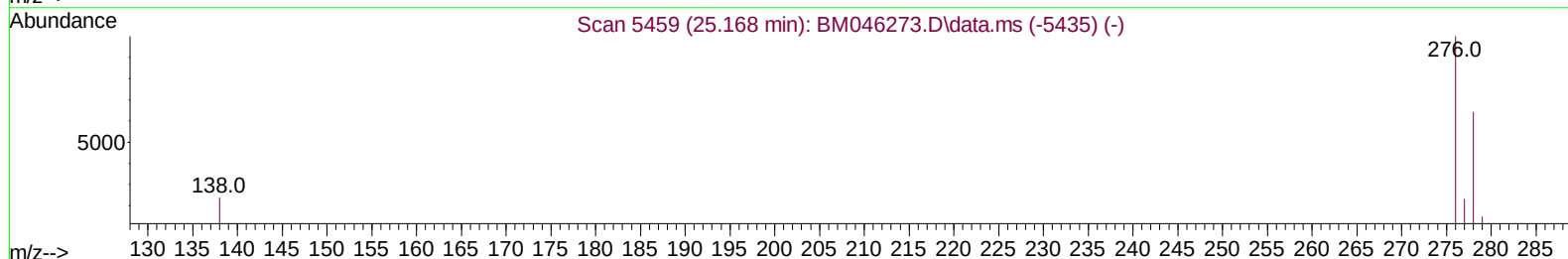
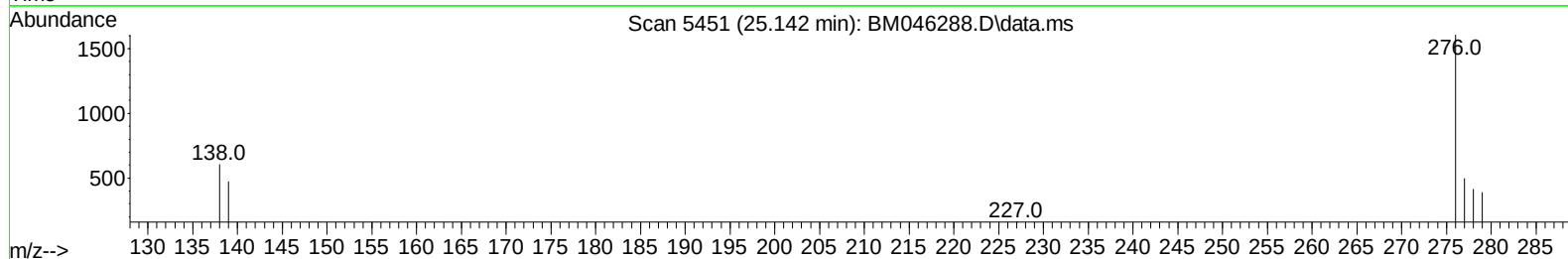
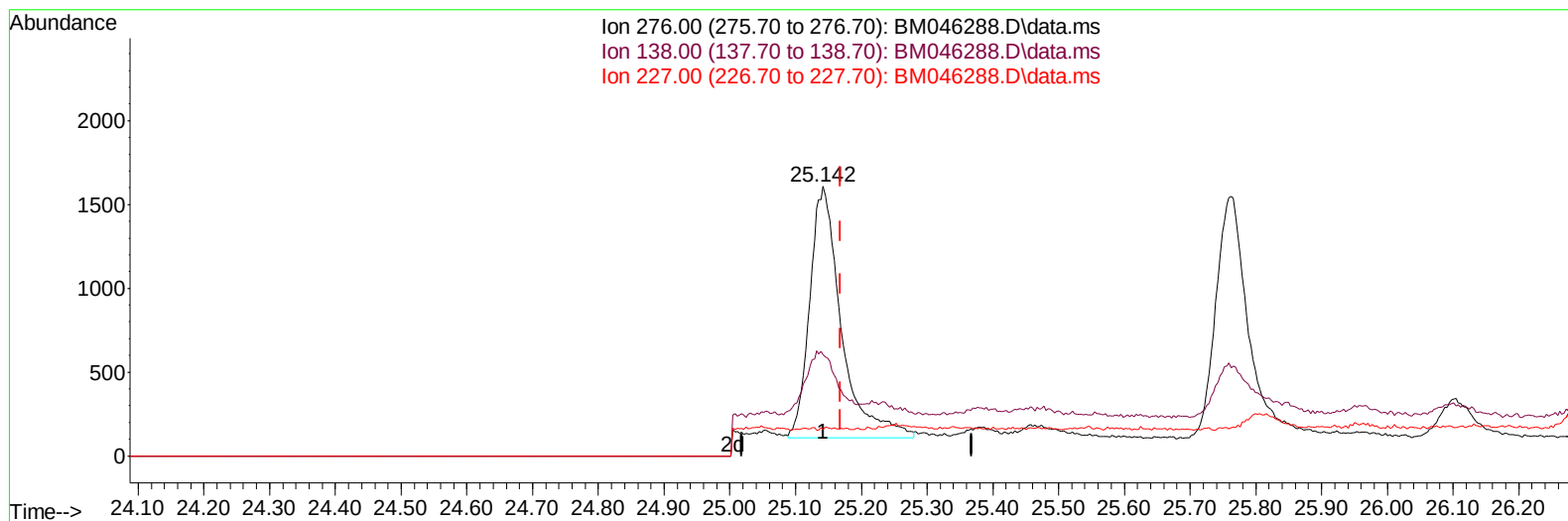
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046288.D
Acq On : 25 Jun 2024 12:54
Operator : MA/JU
Sample : P2844-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C62

Manual IntegrationsAPPROVED

Quant Time: Jun 25 14:43:26 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 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046288.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.142min (-0.026) 0.15 ng/ul m

response 5008

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	29.95
227.00	0.00	0.00
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	7.396	152		2257	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.165	136		6994	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.047	164		3773	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.794	188		8245m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.009	240		6179	0.400	ng/ul	-0.02
23) Perylene-d12	23.090	264		6218m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.021	96		9850	3.181	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.793	152		2291	0.244	ng/ul	-0.08
18) Fluoranthene-d10	18.829	212		4724	0.255	ng/ul	-0.04
Target Compounds							
							Qvalue
10) Acenaphthylene	13.765	152		712	0.040	ng/ul#	65
12) Fluorene	15.107	166		291	0.021	ng/ul#	86
15) Phenanthrene	16.836	178		5023m	0.217	ng/ul	
16) Anthracene	16.925	178		1229m	0.071	ng/ul	
19) Fluoranthene	18.861	202		12280	0.459	ng/ul	98
20) Pyrene	19.219	202		11450	0.396	ng/ul#	92
21) Benzo(a)anthracene	20.994	228		5349	0.224	ng/ul	93
22) Chrysene	21.044	228		5664	0.186	ng/ul	94
24) Benzo(b)fluoranthene	22.476	252		8975m	0.401	ng/ul	
25) Benzo(k)fluoranthene	22.514	252		4214m	0.158	ng/ul	
26) Benzo(a)pyrene	22.996	252		5564	0.268	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.142	276		5008m	0.147	ng/ul	
28) Dibenzo(a,h)anthracene	25.142	278		1059	0.042	ng/ul#	1
29) Benzo(g,h,i)perylene	25.762	276		5024	0.172	ng/ul#	87

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

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