

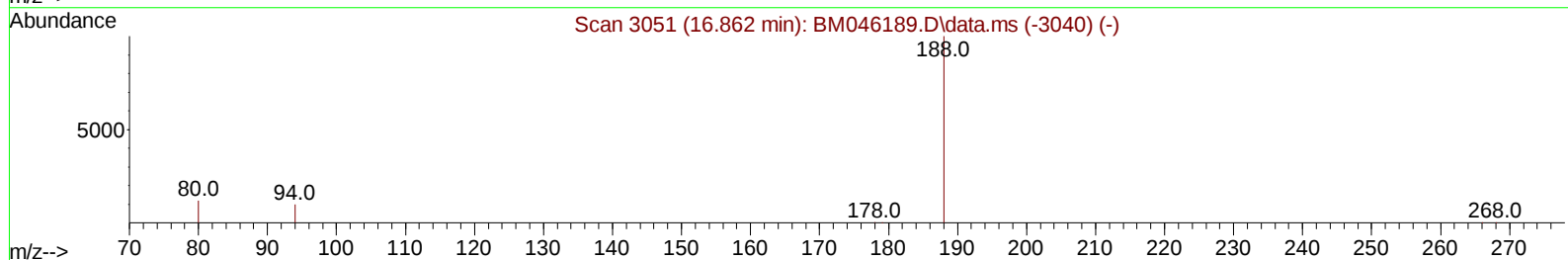
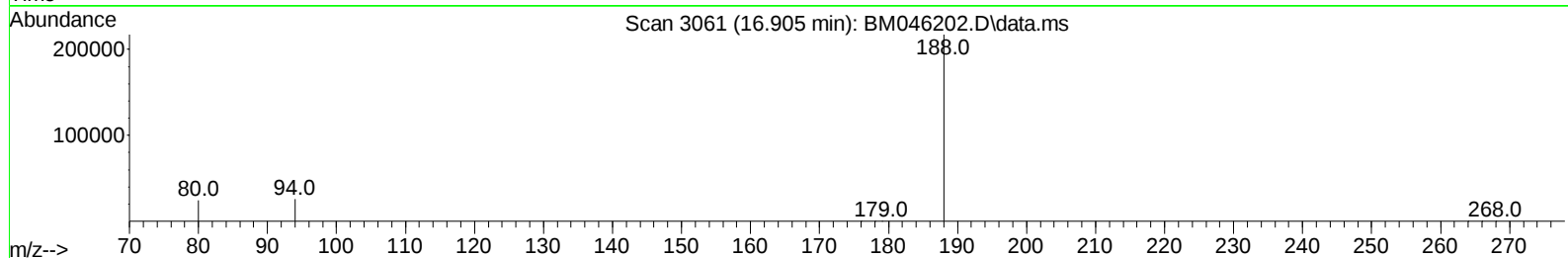
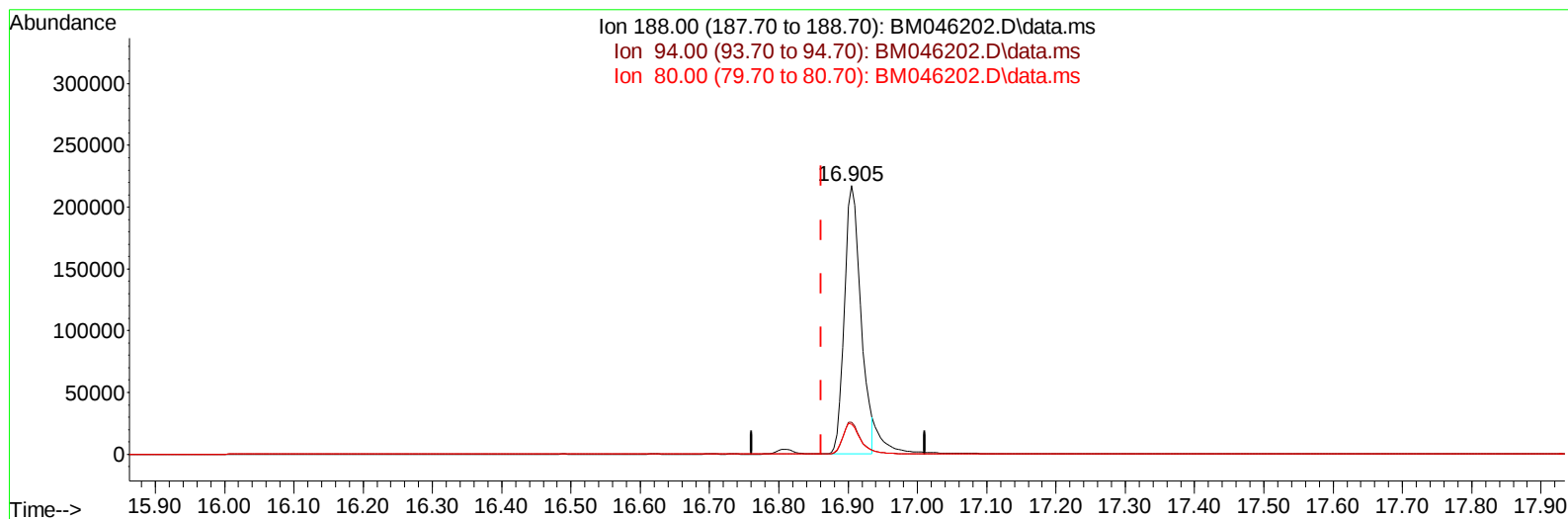
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (+ 0.044) 0.40 ng/u1

response 358153

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.86
80.00	15.20	11.26#
0.00	0.00	0.00

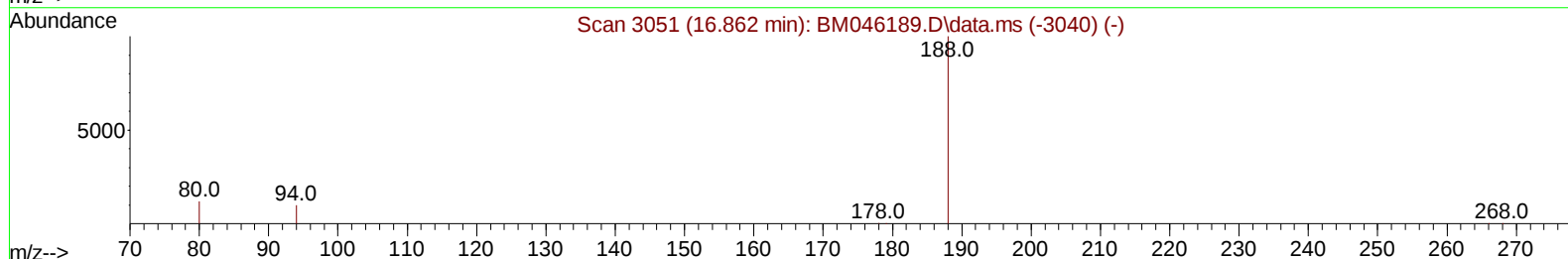
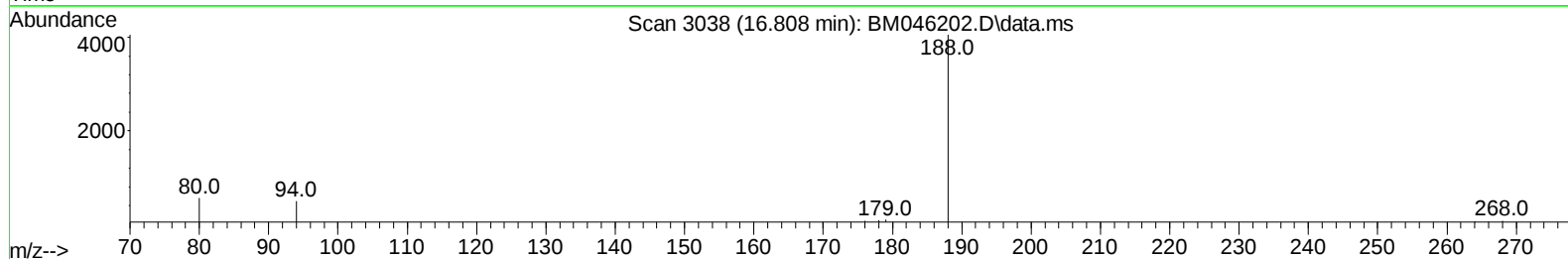
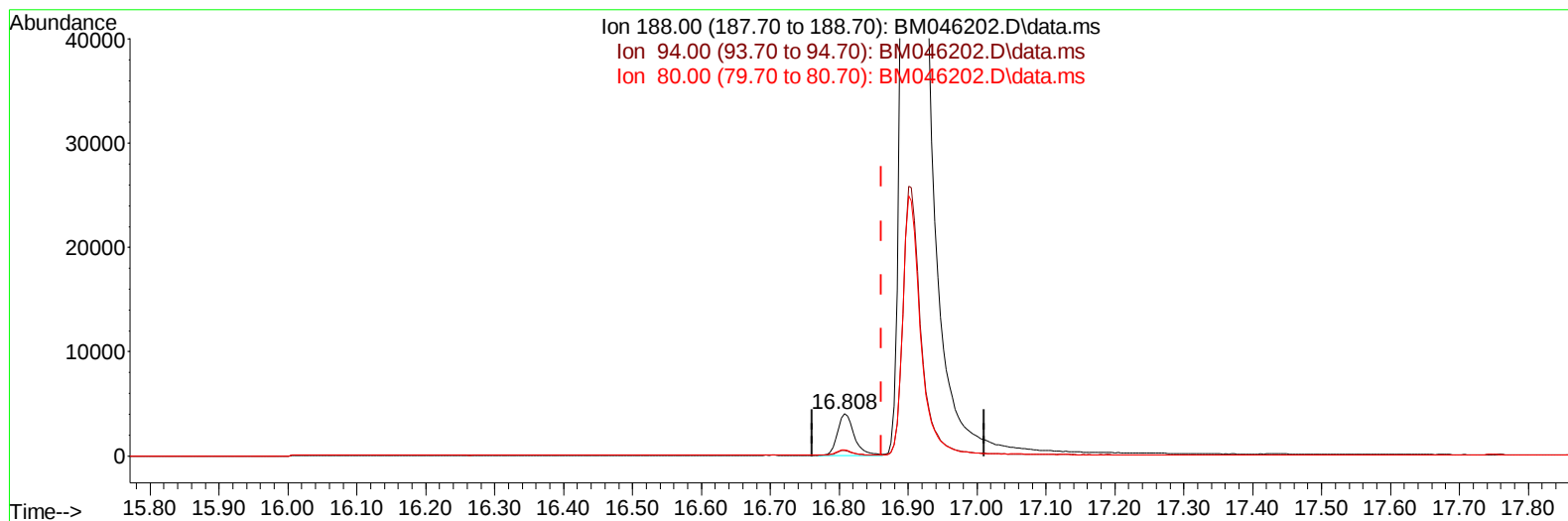
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(13) Phenanthrene-d10 (I)

16.808min (-0.054) 0.40 ng/u1 m

response 6709

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.43
80.00	15.20	13.83
0.00	0.00	0.00

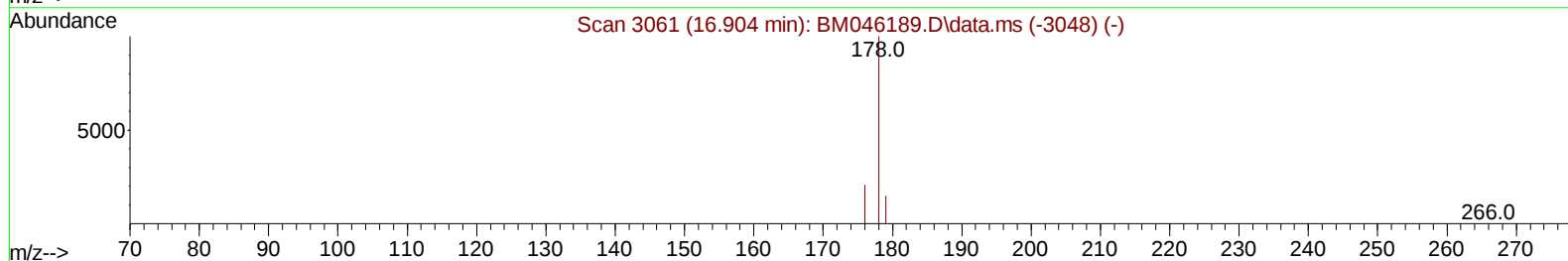
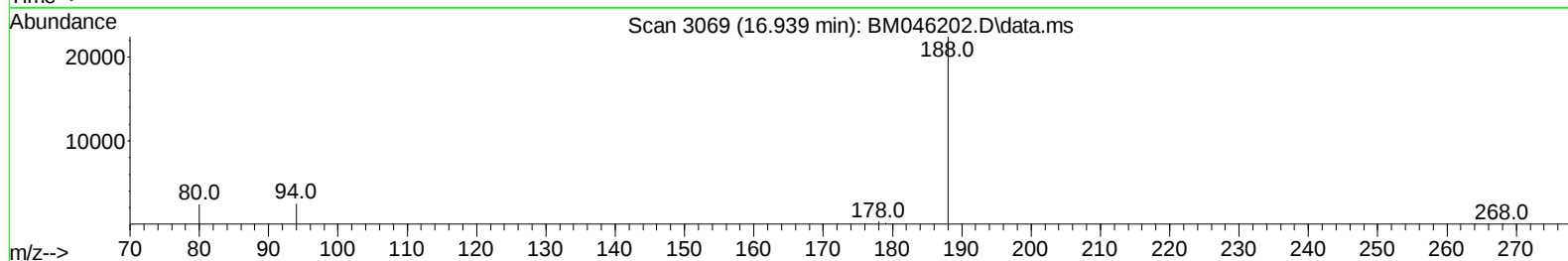
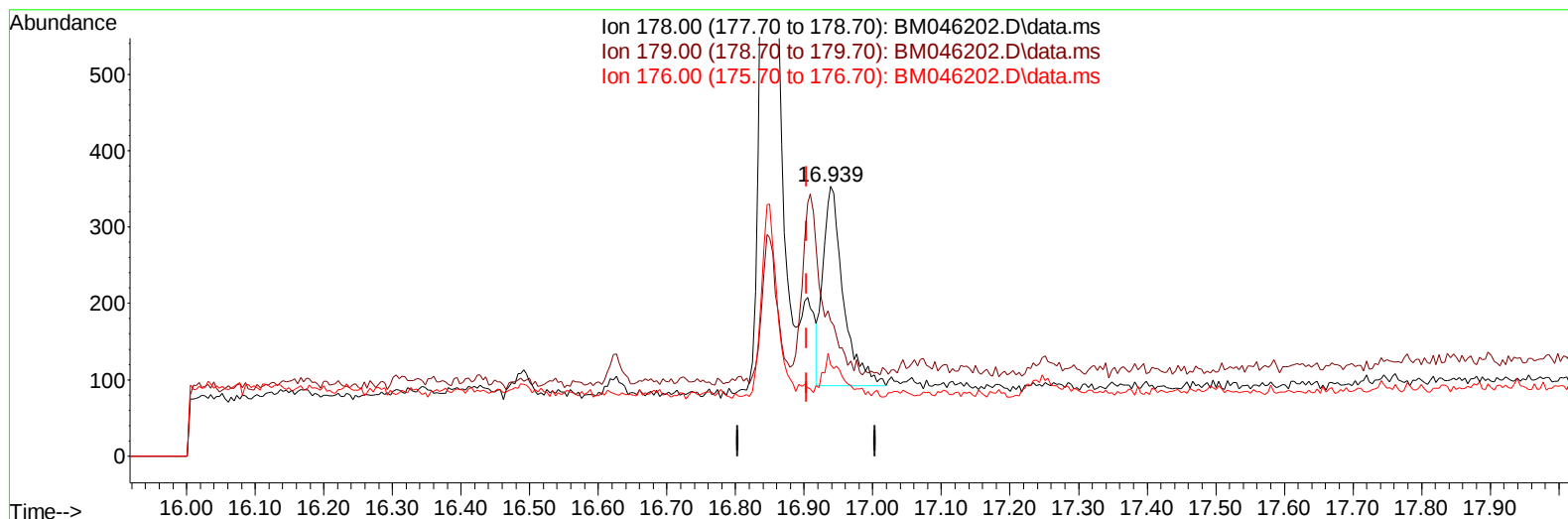
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046202.D\data.ms

(15) Phenanthrene

16.939min (+ 0.035) 0.03 ng/u1

response 539

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	50.14#
176.00	21.40	33.99#
0.00	0.00	0.00

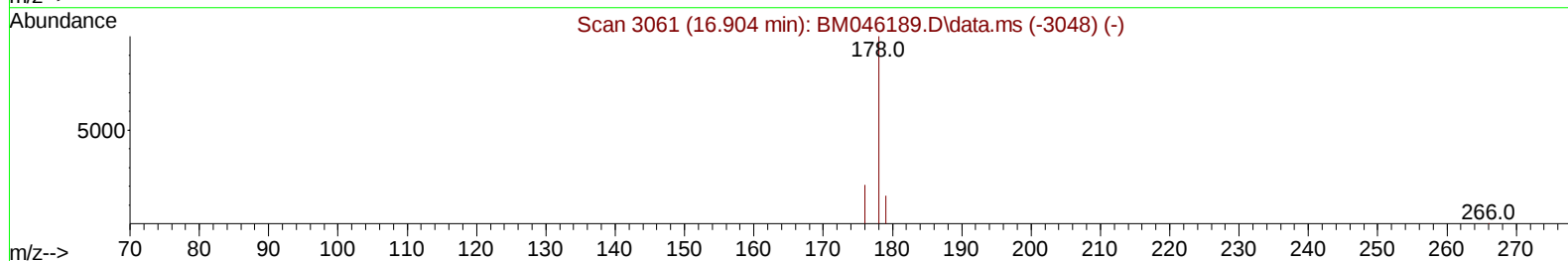
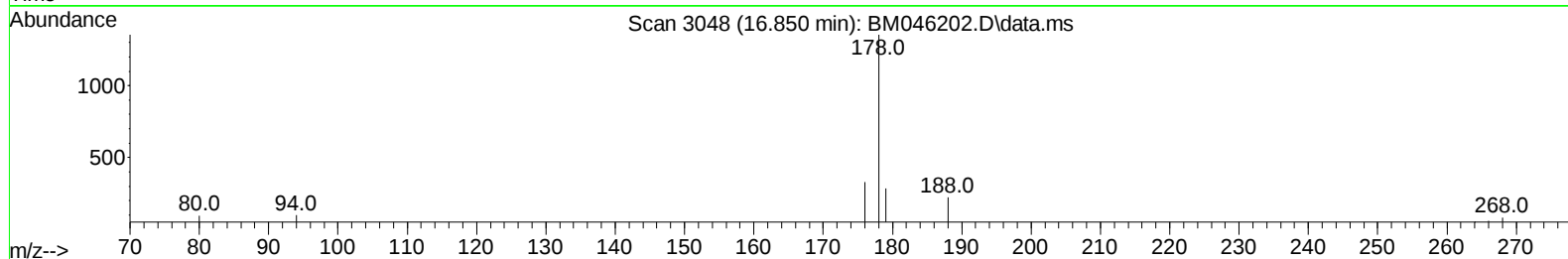
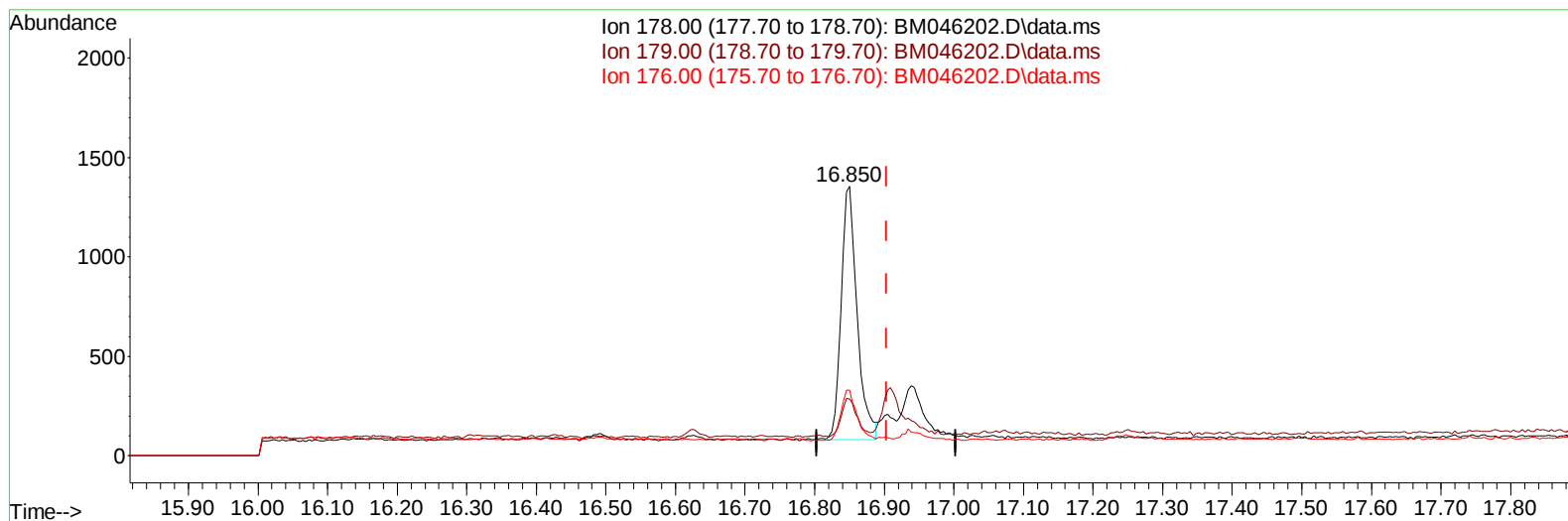
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046202.D
 Acq On : 22 Jun 2024 17:42
 Operator : MA/JU
 Sample : P2775-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(15) Phenanthrene

16.850min (-0.054) 0.11 ng/ul m

response 2021

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.11
176.00	21.40	24.35
0.00	0.00	0.00

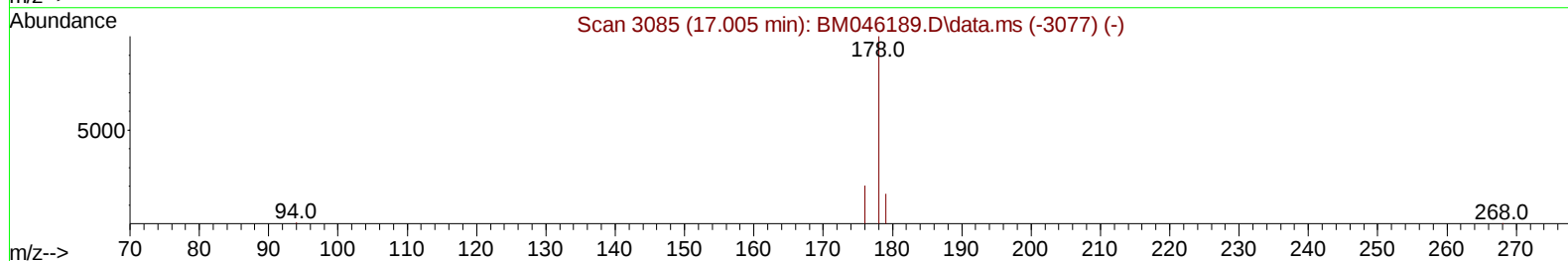
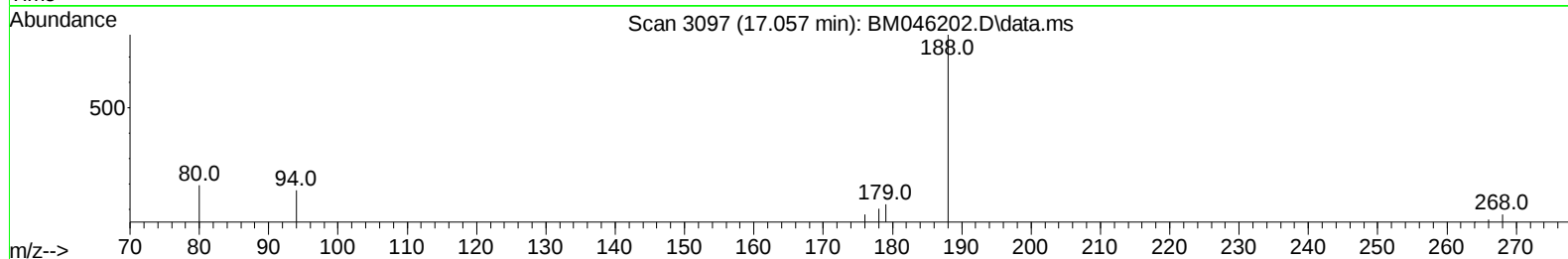
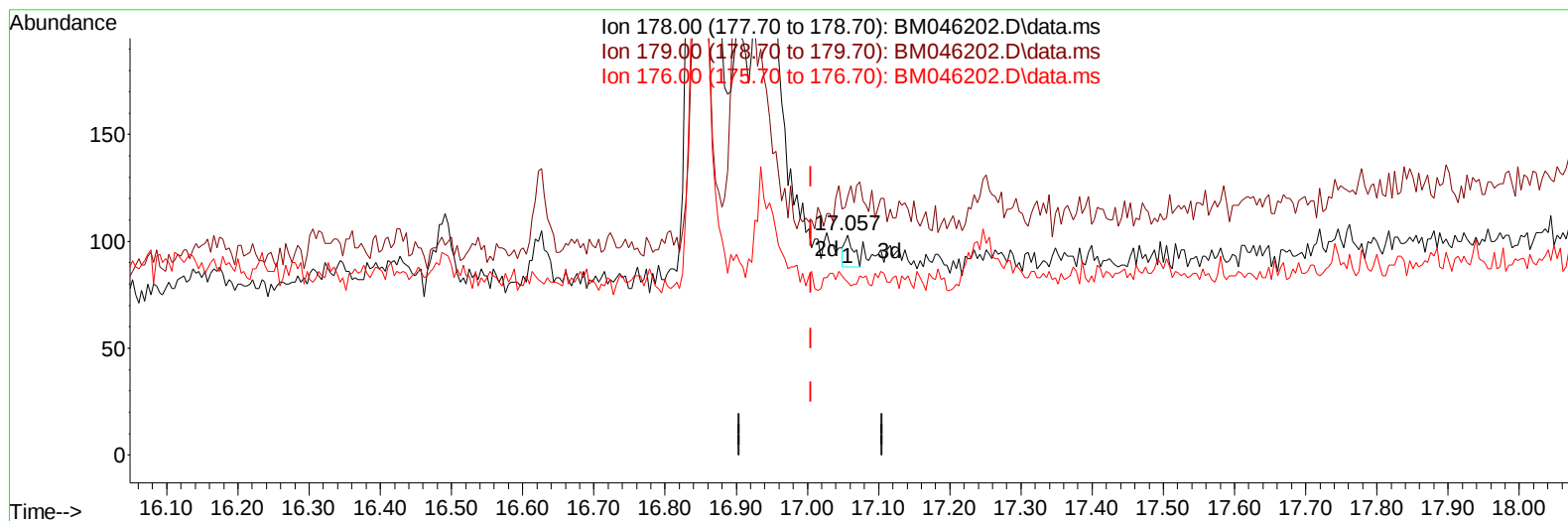
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046202.D\data.ms

(16) Anthracene

17.057min (+ 0.052) 0.00 ng/u1

response 13

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	117.48#
176.00	21.20	78.64#
0.00	0.00	0.00

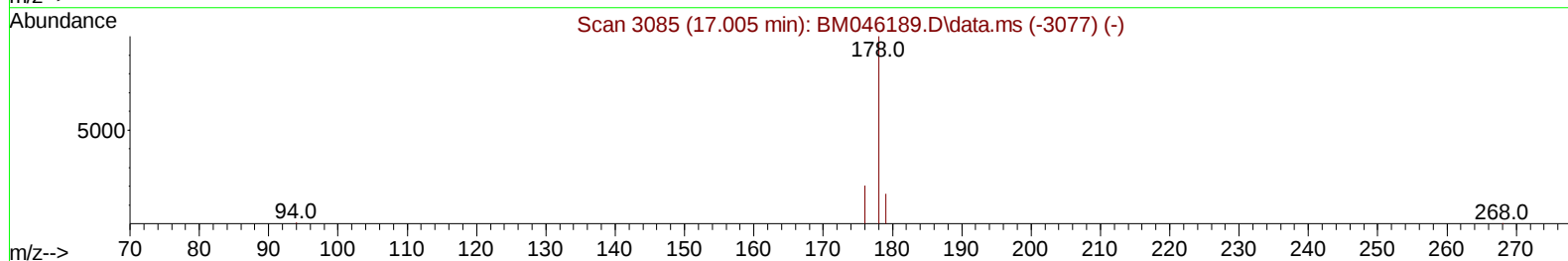
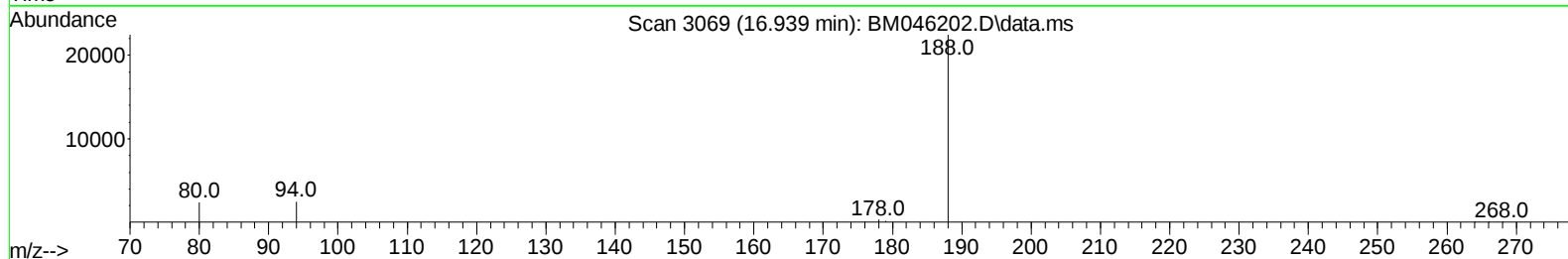
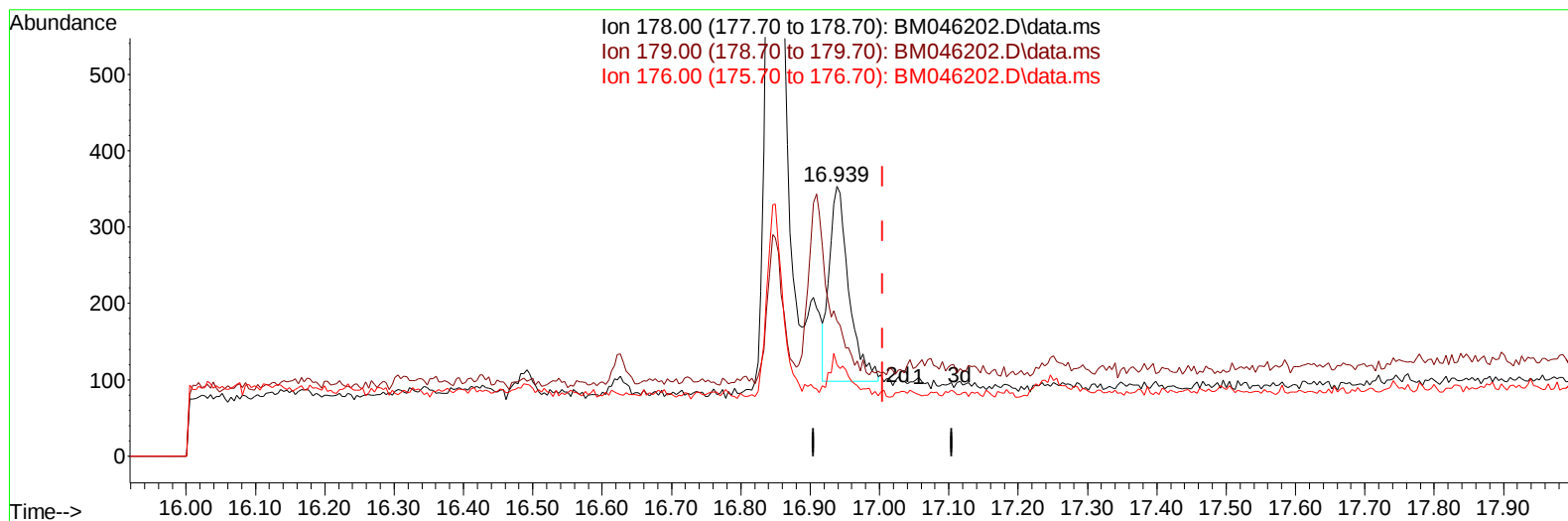
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(16) Anthracene

16.939min (-0.066) 0.04 ng/ul m

response 501

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	50.14#
176.00	21.20	33.99#
0.00	0.00	0.00

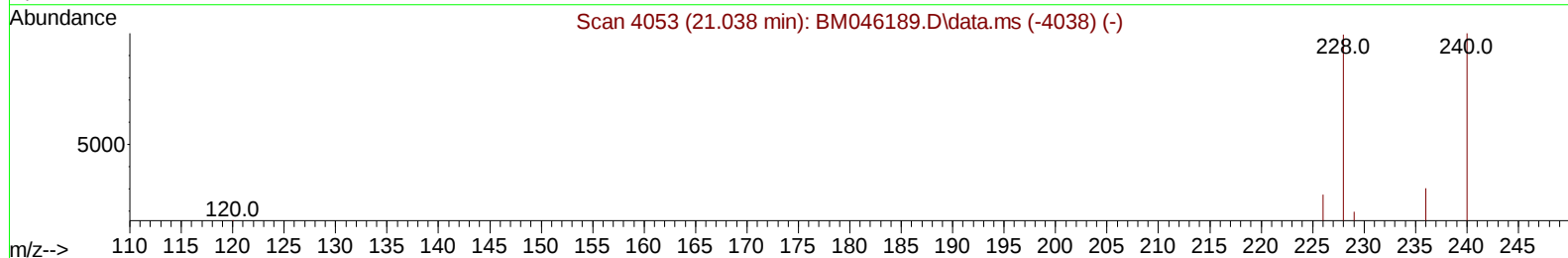
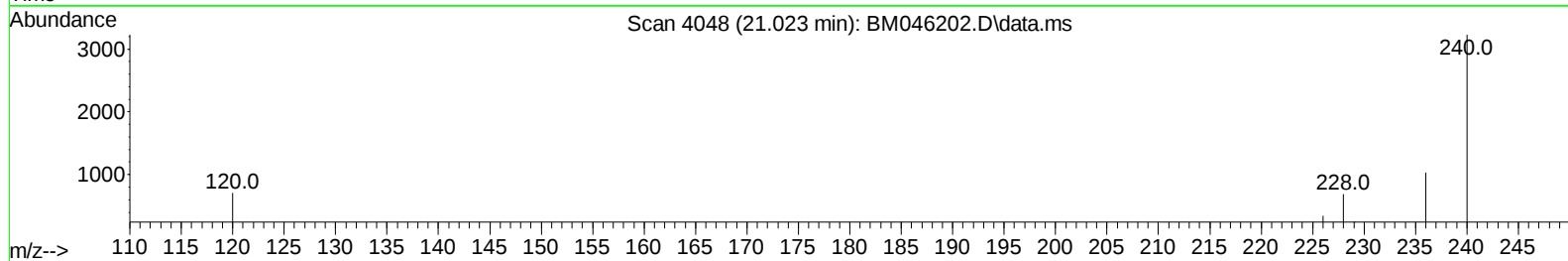
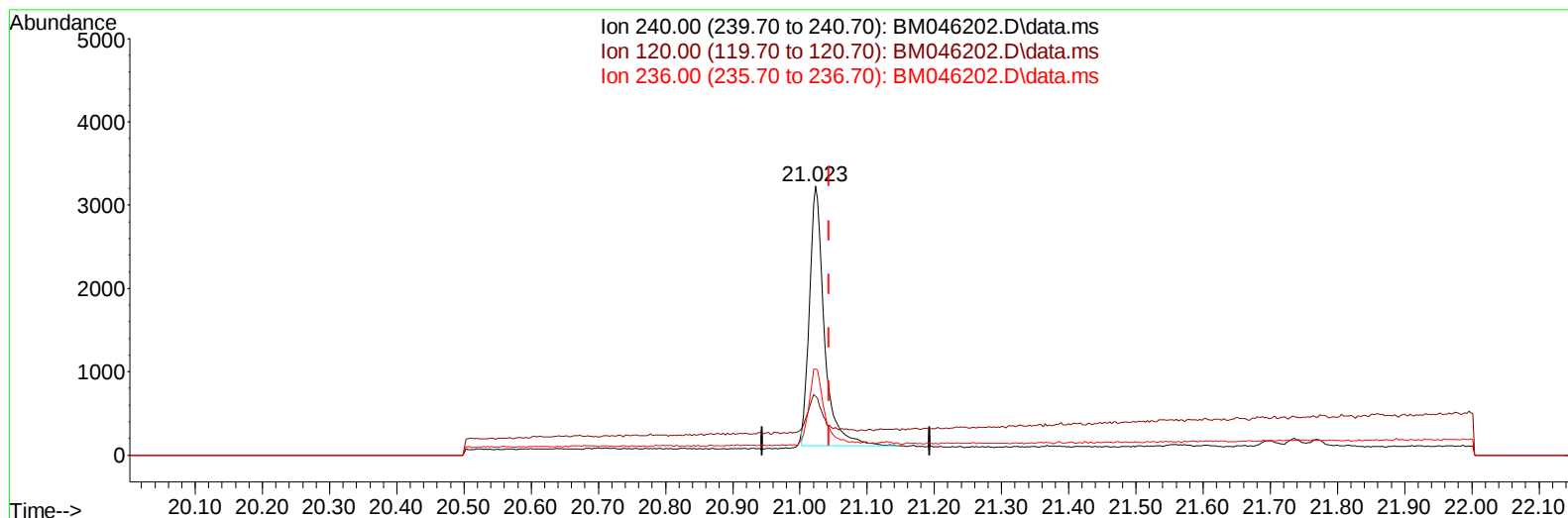
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(17) Chrysene-d12

21.023min (-0.021) 0.40 ng/u1

response 4875

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.83
236.00	33.60	31.90
0.00	0.00	0.00

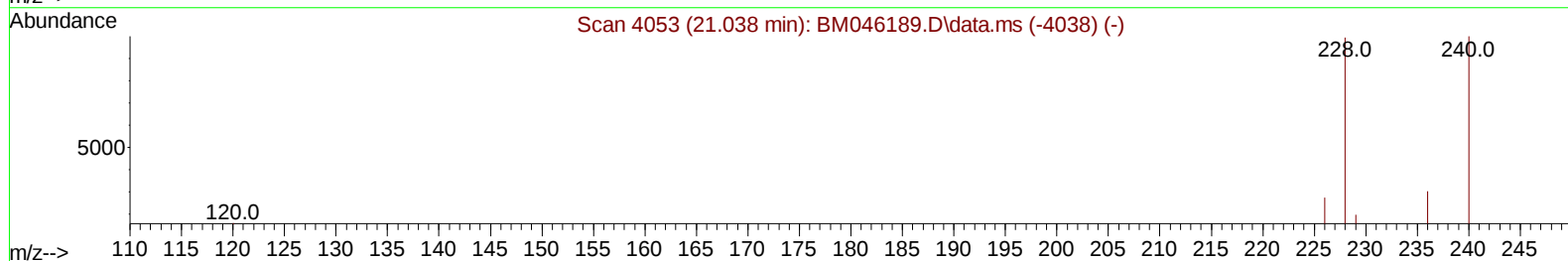
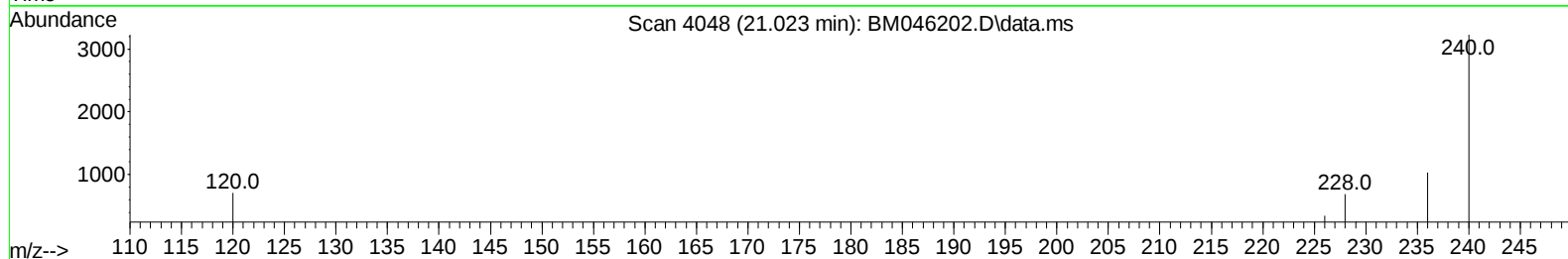
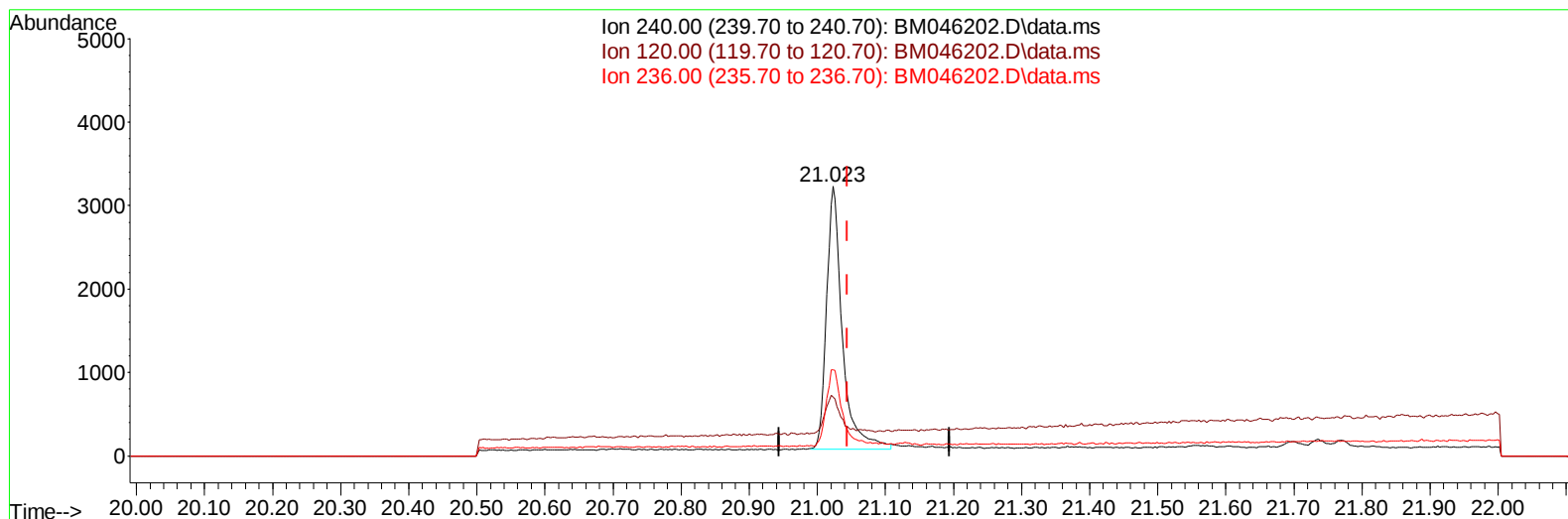
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(17) Chrysene-d12

21.023min (-0.021) 0.40 ng/ul m

response 5103

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.83
236.00	33.60	31.90
0.00	0.00	0.00

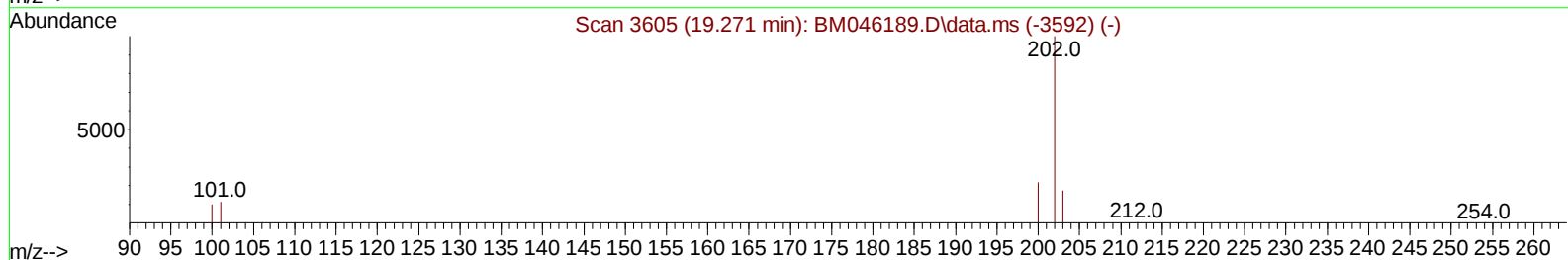
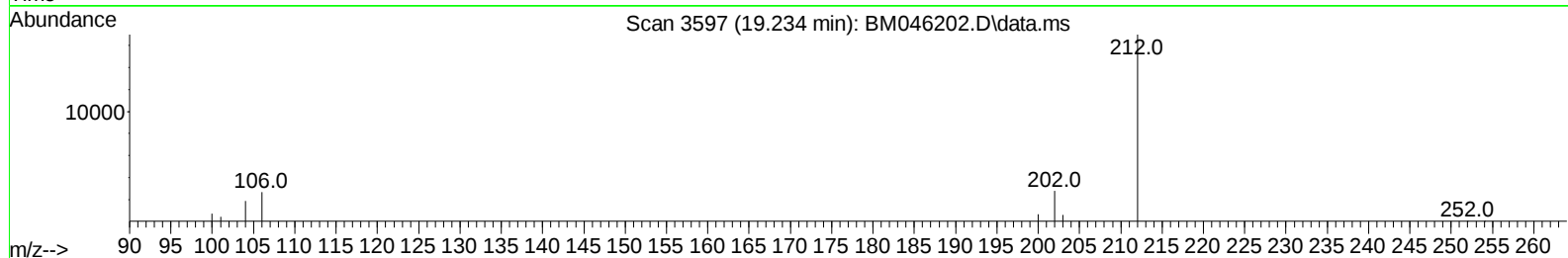
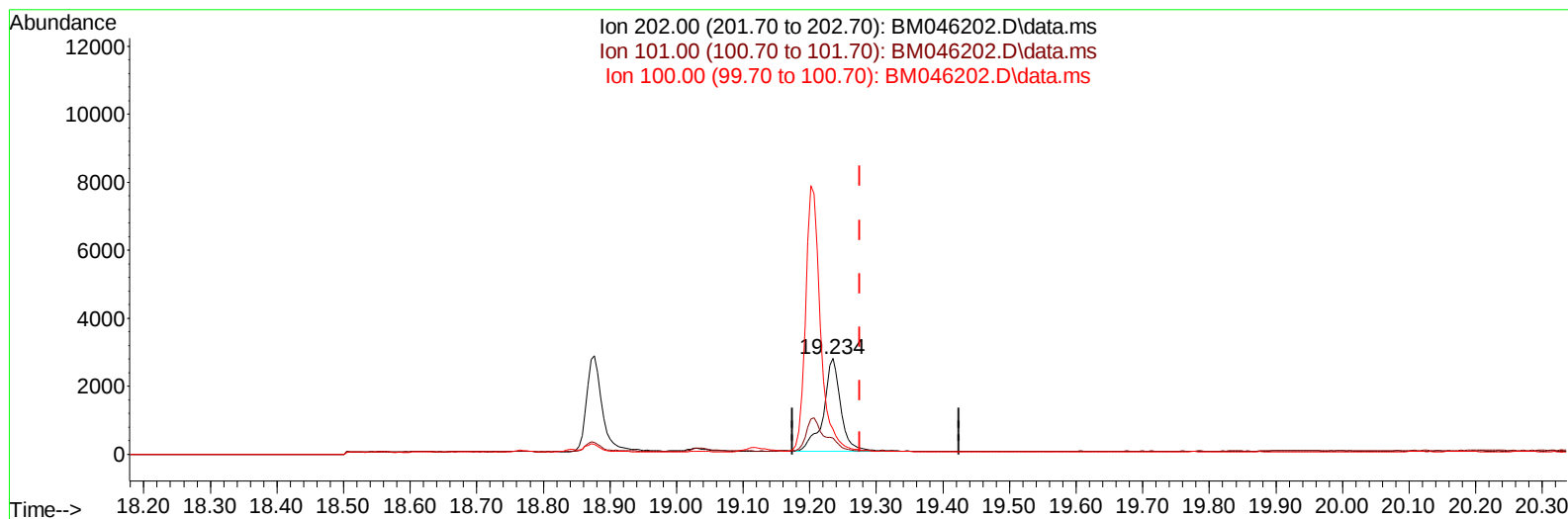
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 2024
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TIC: BM046202.D\data.ms

(20) Pyrene

19.234min (-0.041) 0.21 ng/u1

response 4969

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	17.11#
100.00	12.20	26.27#
0.00	0.00	0.00

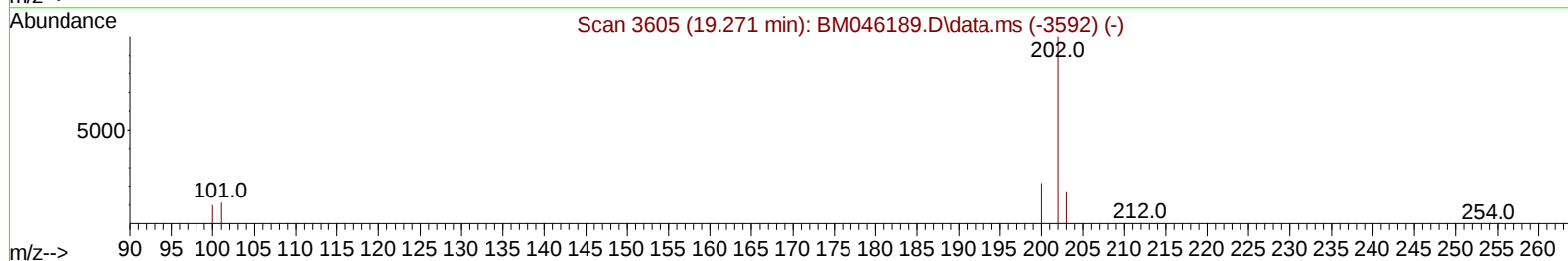
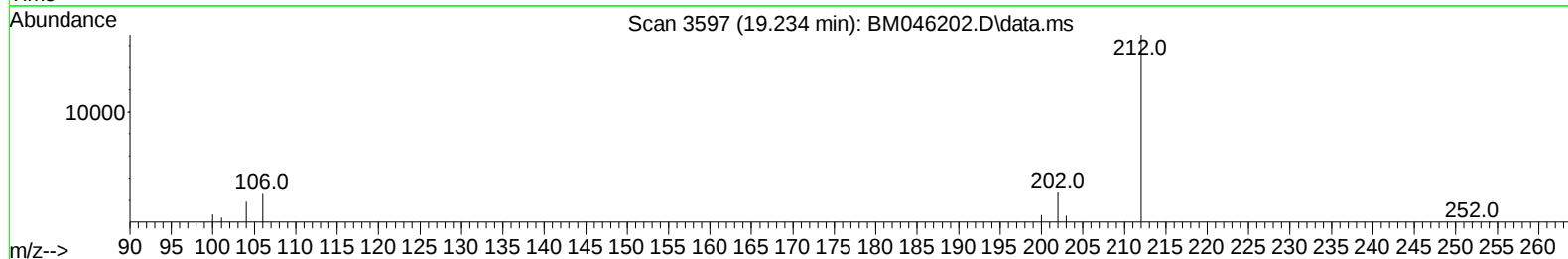
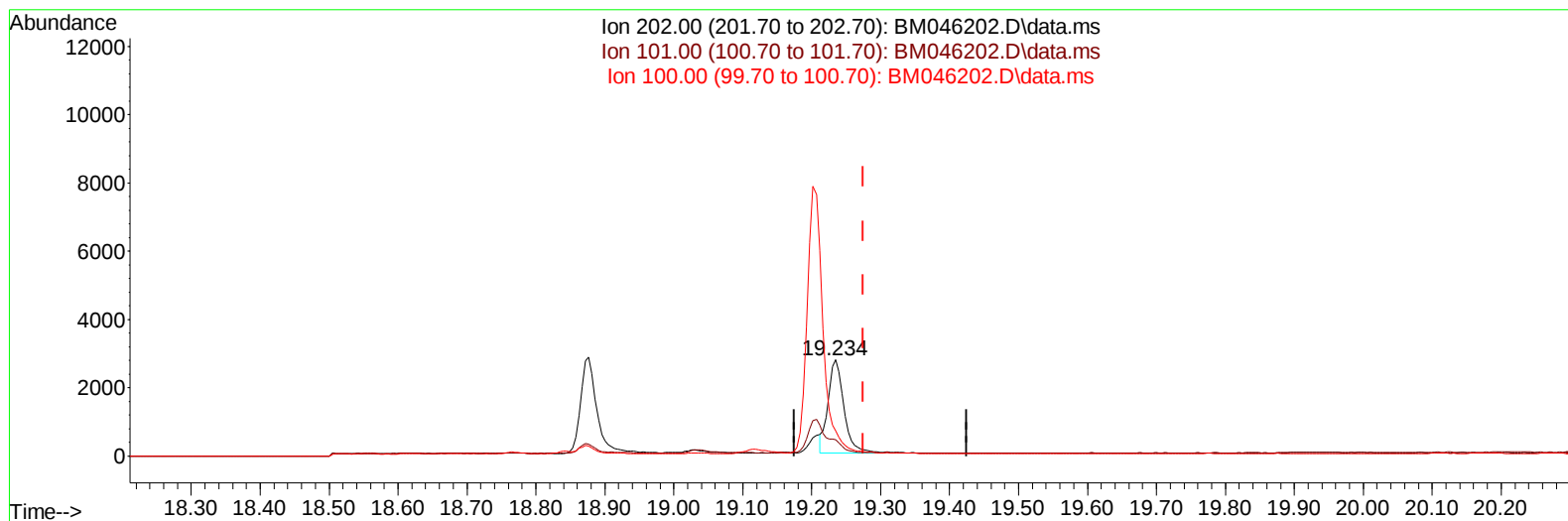
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(20) Pyrene

19.234min (-0.041) 0.18 ng/ul m

response 4357

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	17.11#
100.00	12.20	26.27#
0.00	0.00	0.00

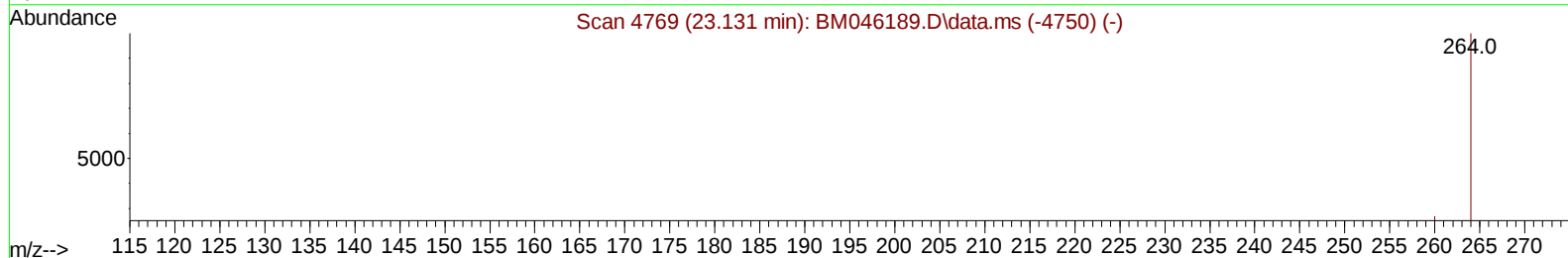
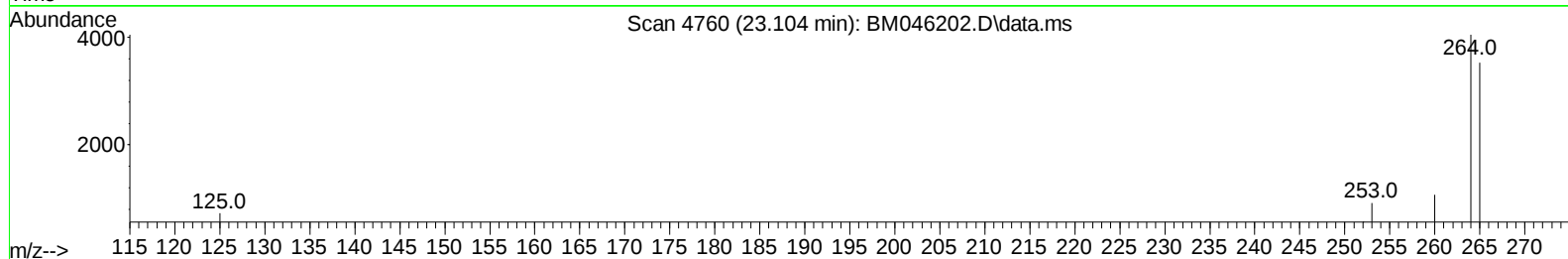
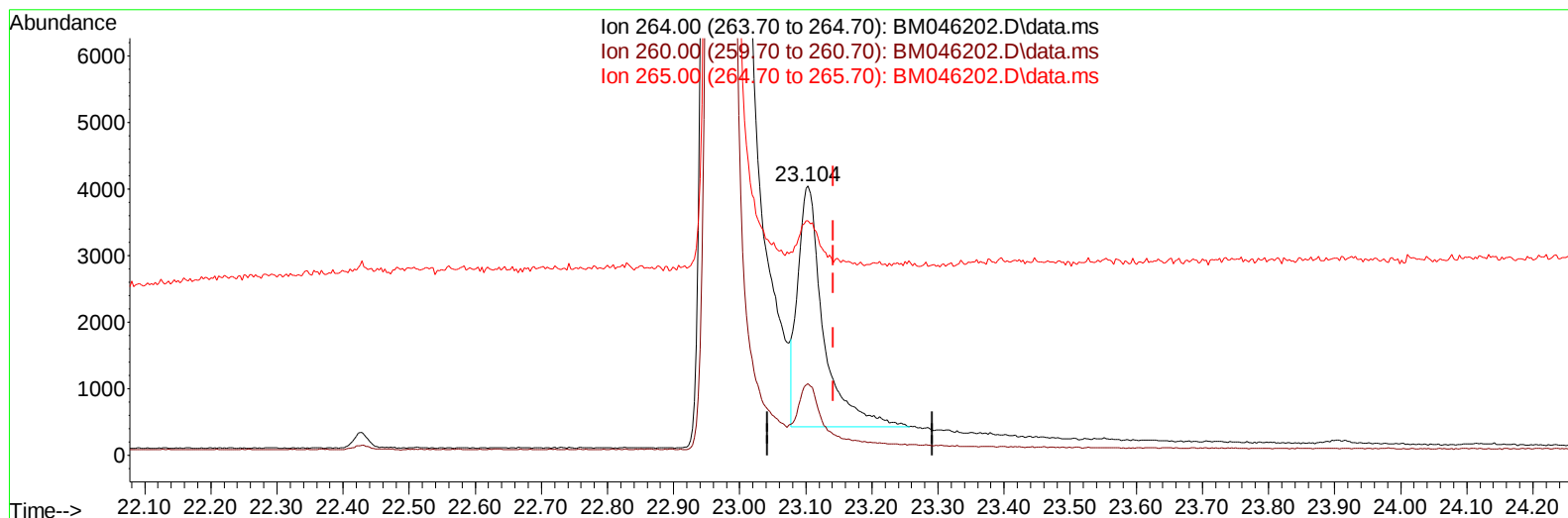
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

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TIC: BM046202.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.038) 0.40 ng/u1

response 9671

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.50
265.00	110.60	87.10#
0.00	0.00	0.00

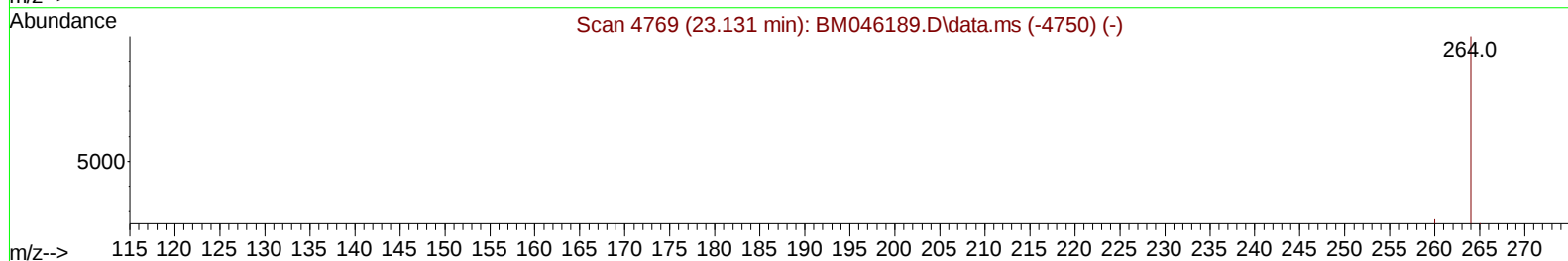
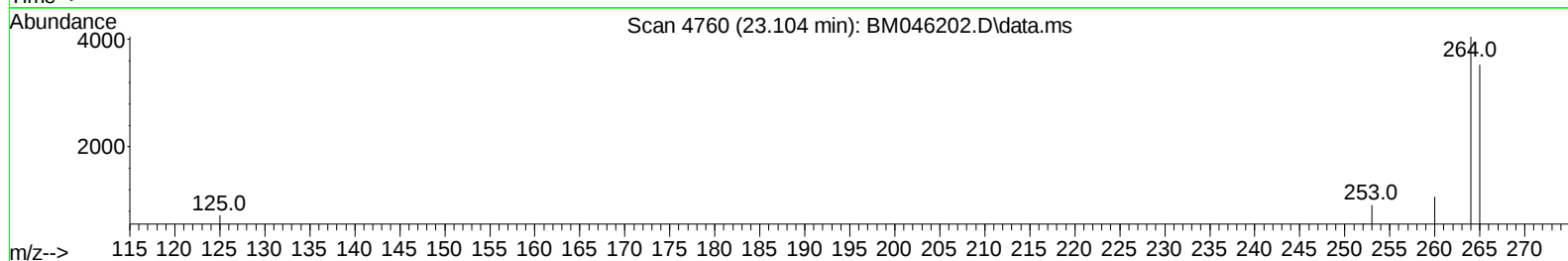
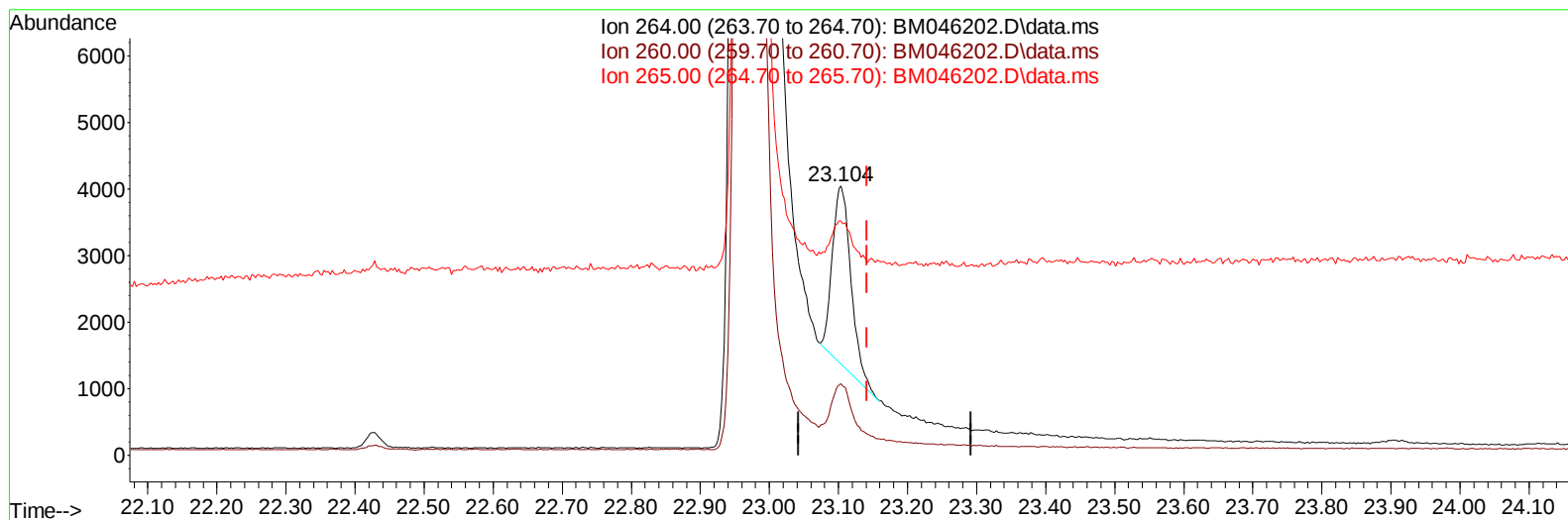
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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: BM046202.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.038) 0.40 ng/ul m

response 4946

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.50
265.00	110.60	87.10#
0.00	0.00	0.00

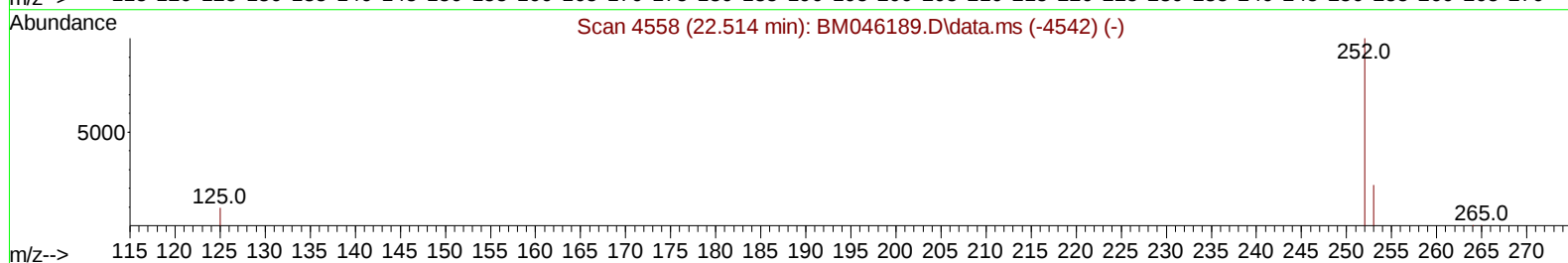
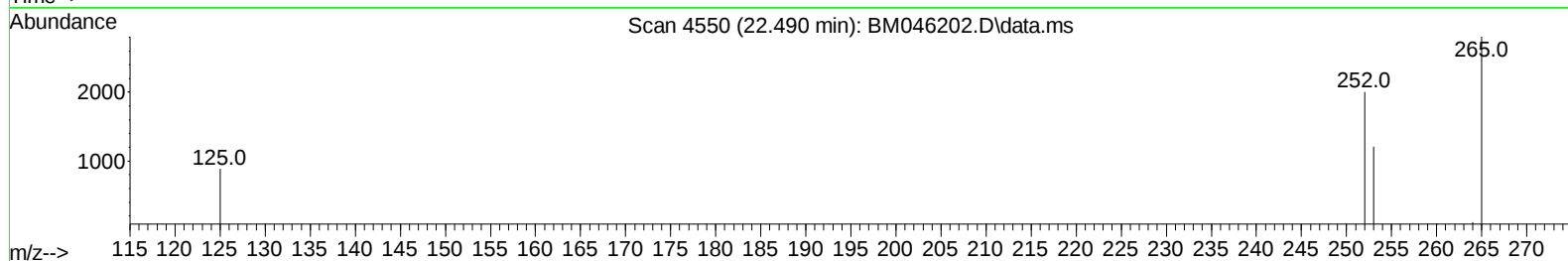
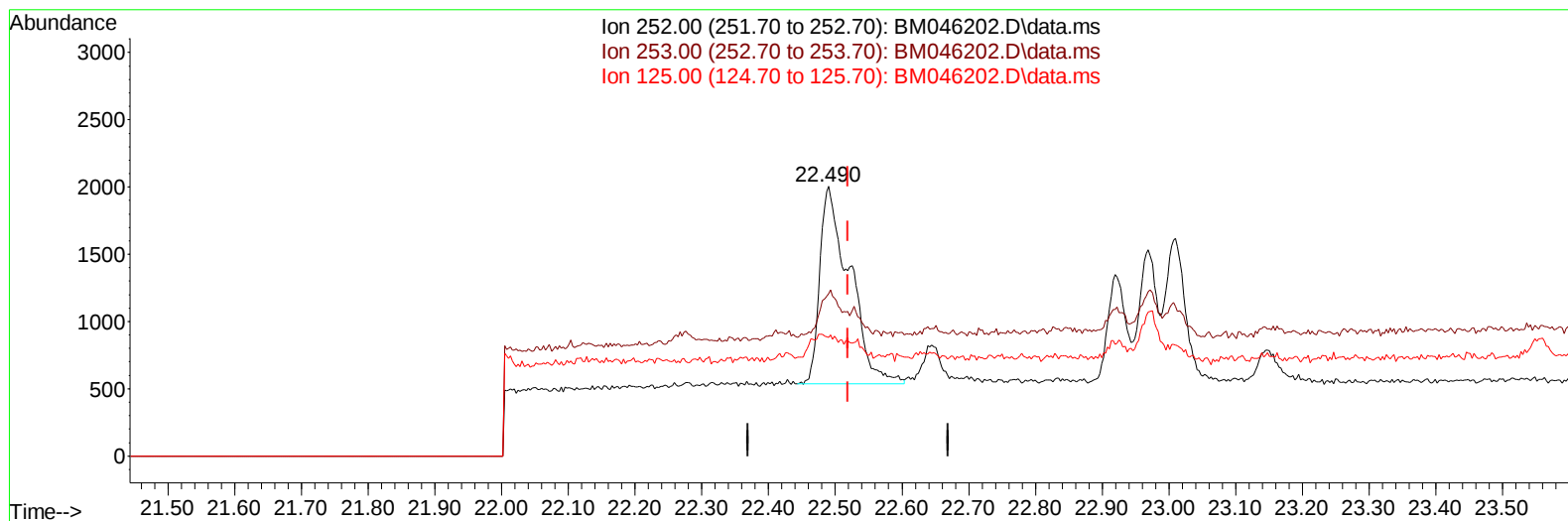
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 2024
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TIC: BM046202.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.25 ng/u1

response 4529

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	60.23
125.00	20.10	44.01#
0.00	0.00	0.00

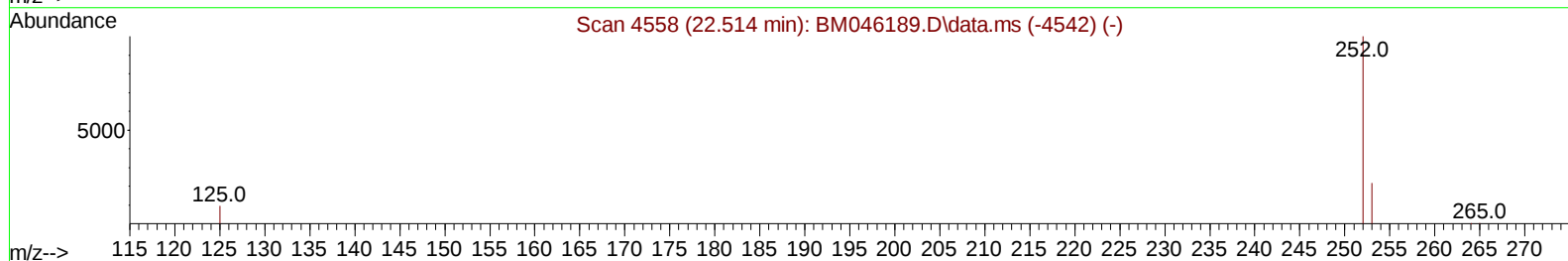
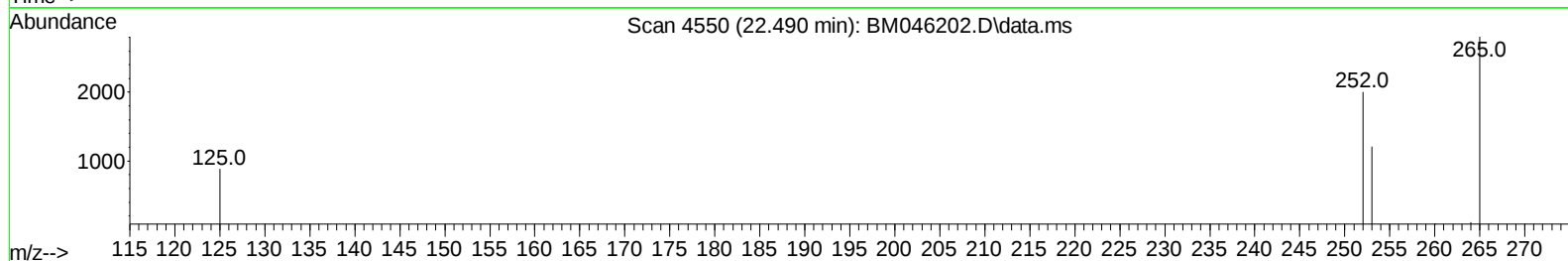
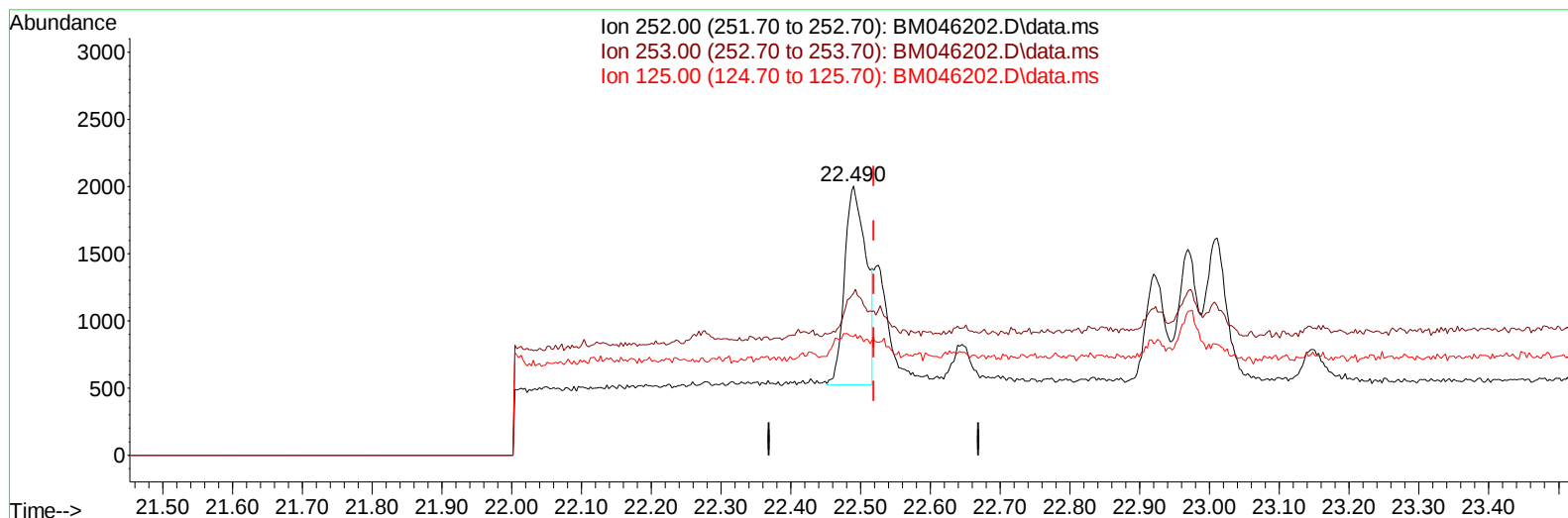
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:53 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046202.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.18 ng/ul m

response 3179

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	60.23
125.00	20.10	44.01#
0.00	0.00	0.00

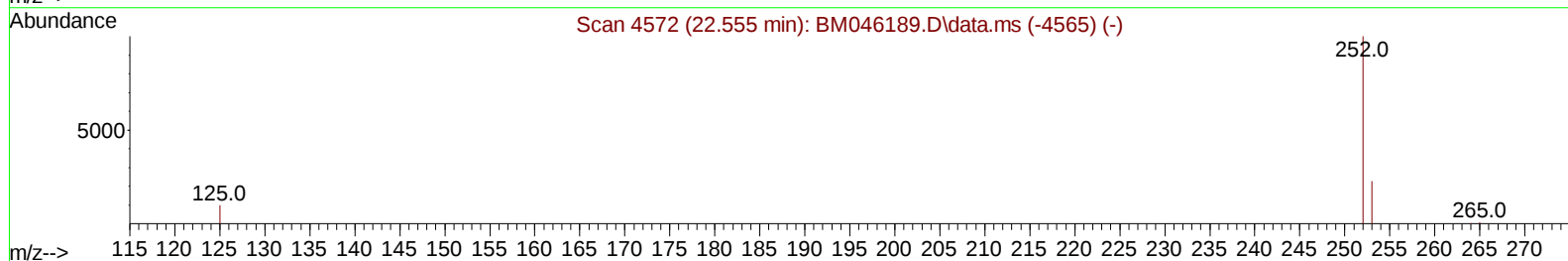
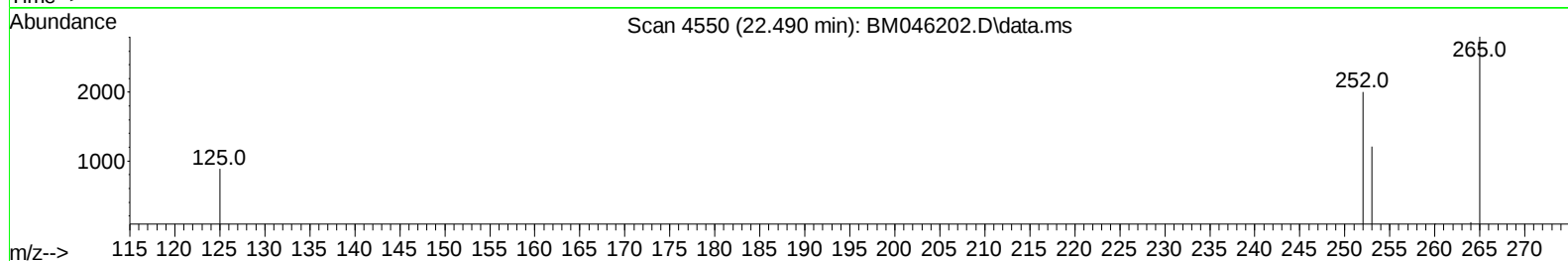
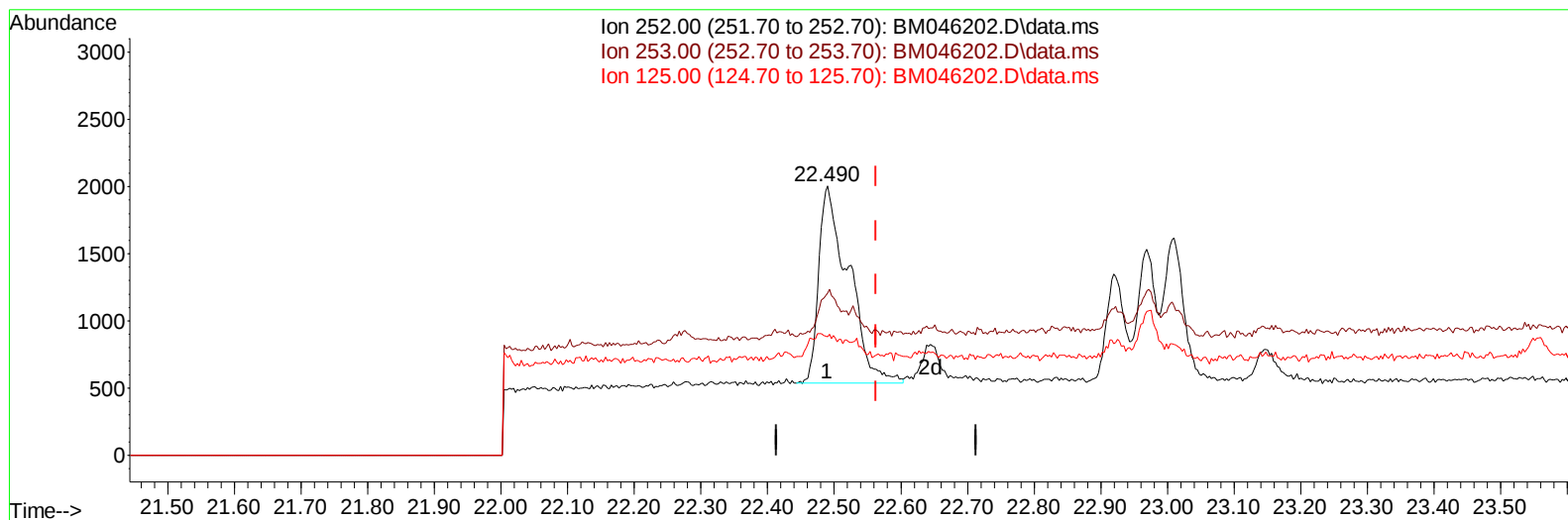
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046202.D\data.ms

(25) Benzo(k)fluoranthene

22.490min (-0.074) 0.21 ng/u1

response 4529

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	60.23#
125.00	20.80	44.01#
0.00	0.00	0.00

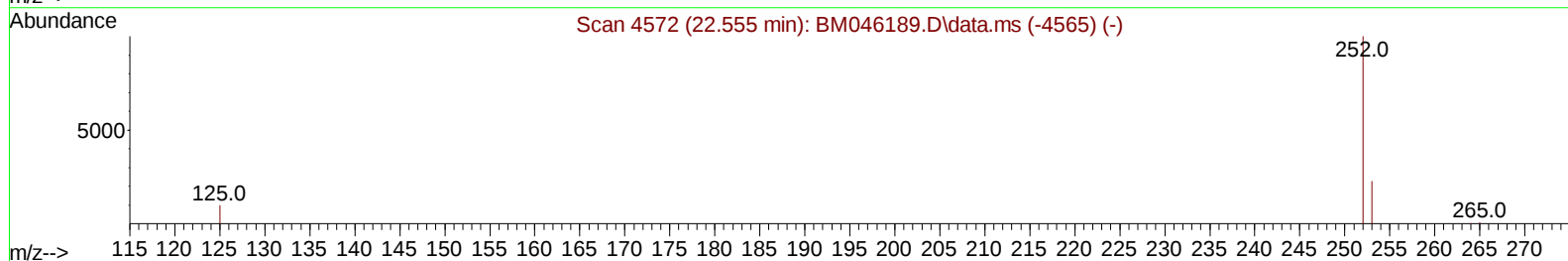
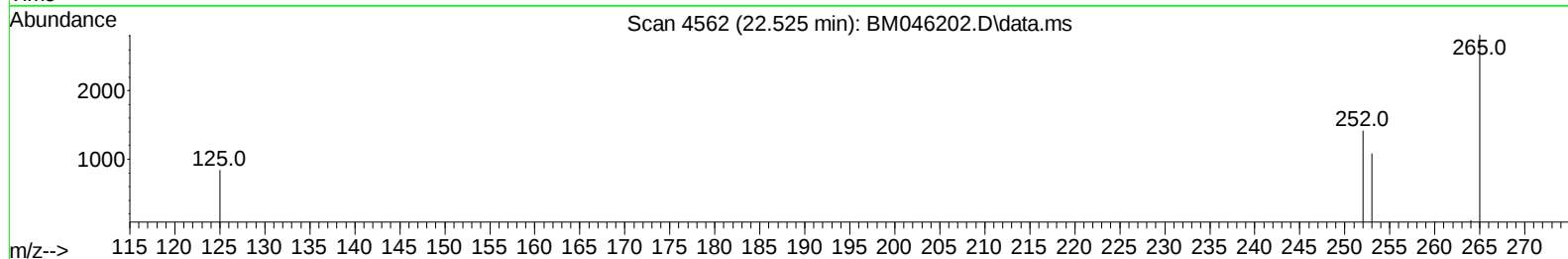
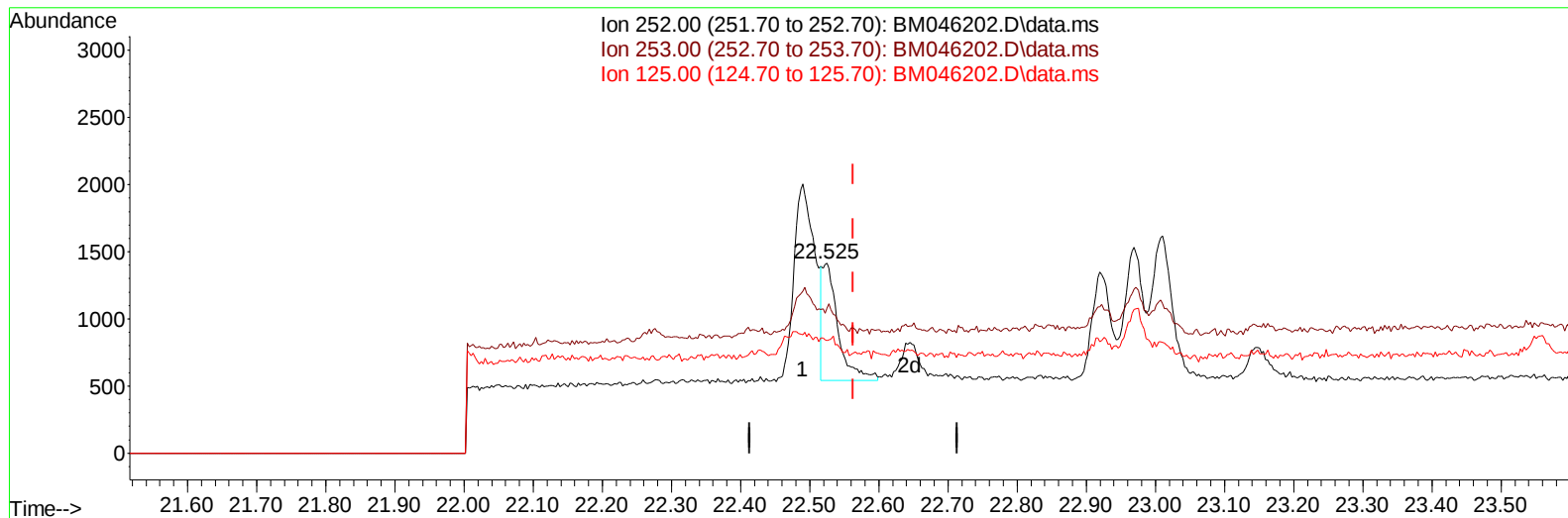
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C88

Manual IntegrationsAPPROVED

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TIC: BM046202.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.038) 0.06 ng/u1 m

response 1370

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	76.52#
125.00	20.80	59.48#
0.00	0.00	0.00

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 Data File : BM046202.D
 Acq On : 22 Jun 2024 17:42
 Operator : MA/JU
 Sample : P2775-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 QLast Update : Sat Jun 22 02:10:56 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.413	152		1915	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136		6034	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.063	164		3329	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188		6709m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.023	240		5103m	0.400	ng/ul	-0.02
23) Perylene-d12	23.104	264		4946m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		10045	3.823	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152		2164	0.267	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212		4492	0.294	ng/ul	-0.04
Target Compounds							Qvalue
10) Acenaphthylene	13.780	152		470	0.030	ng/ul#	46
15) Phenanthrene	16.850	178		2021m	0.107	ng/ul	
16) Anthracene	16.939	178		501m	0.036	ng/ul	
19) Fluoranthene	18.877	202		4616	0.209	ng/ul	99
20) Pyrene	19.234	202		4357m	0.182	ng/ul	
21) Benzo(a)anthracene	21.008	228		2181	0.111	ng/ul#	85
22) Chrysene	21.058	228		2243	0.089	ng/ul#	90
24) Benzo(b)fluoranthene	22.490	252		3179m	0.178	ng/ul	
25) Benzo(k)fluoranthene	22.525	252		1370m	0.065	ng/ul	
26) Benzo(a)pyrene	23.010	252		2049	0.124	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.172	276		1687	0.062	ng/ul#	89
29) Benzo(g,h,i)perylene	25.796	276		1685	0.073	ng/ul#	52

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

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