

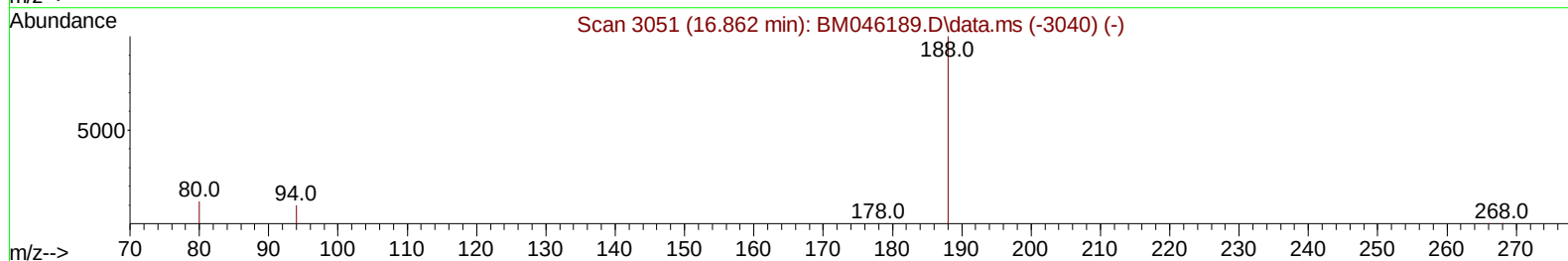
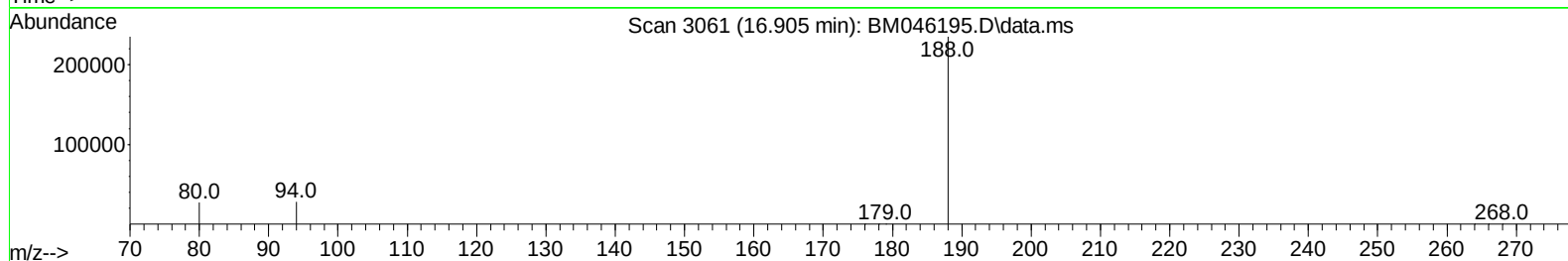
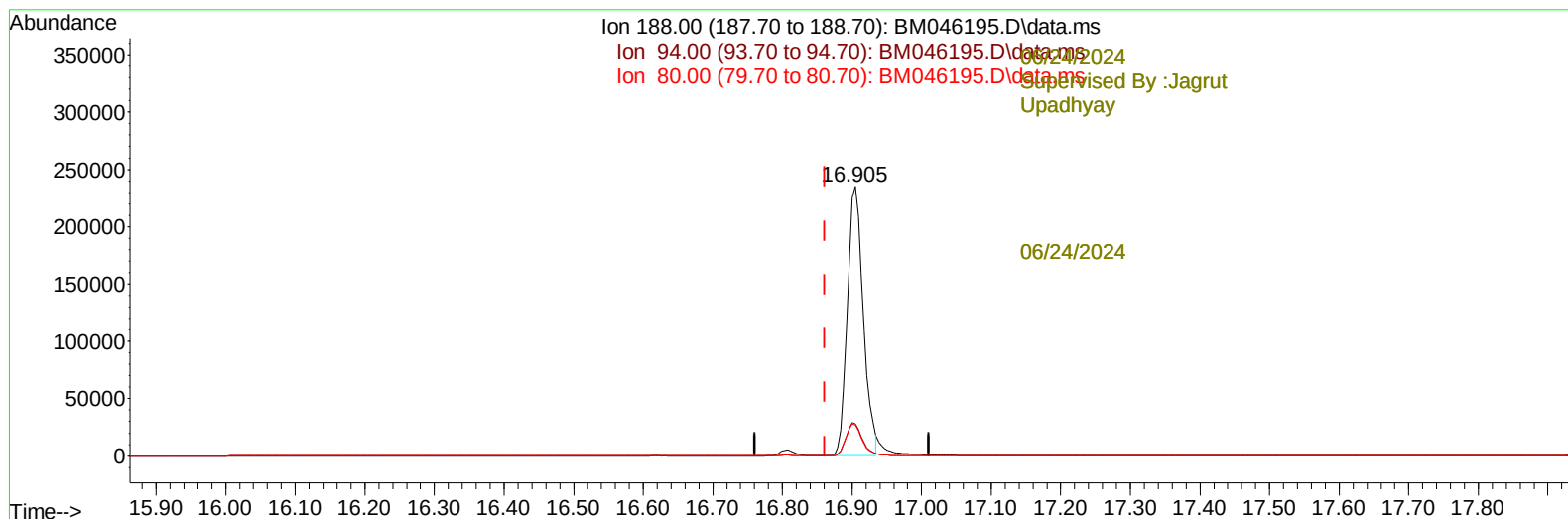
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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: BM046195.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (+ 0.043) 0.40 ng/u1

response 373361

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.88
80.00	15.20	11.41#
0.00	0.00	0.00

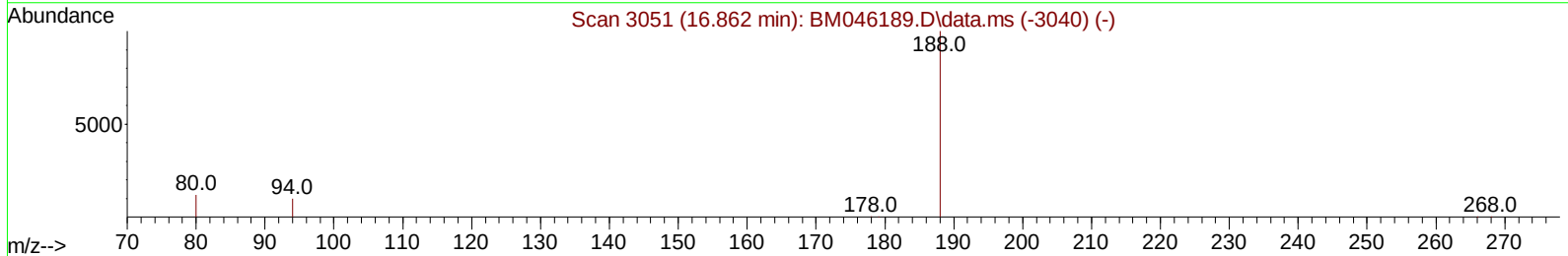
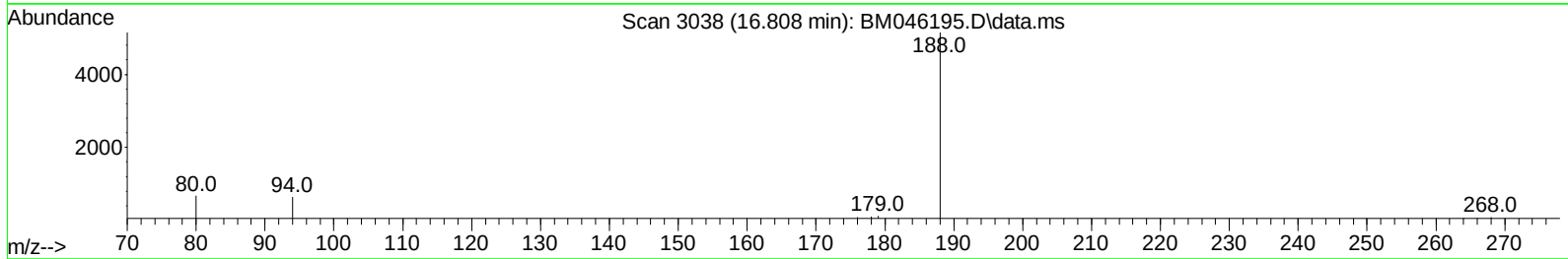
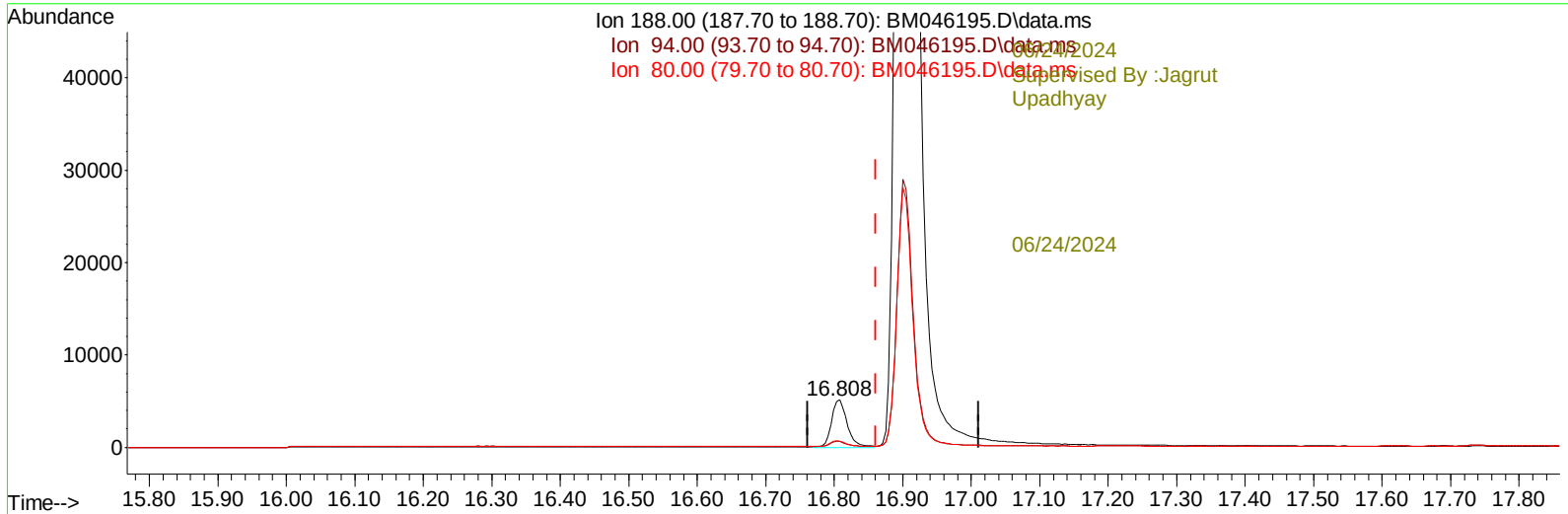
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 2024
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QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046195.D\data.ms

(13) Phenanthrene-d10 (I)

16.808min (-0.054) 0.40 ng/ul m

response 8220

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.47
80.00	15.20	13.11
0.00	0.00	0.00

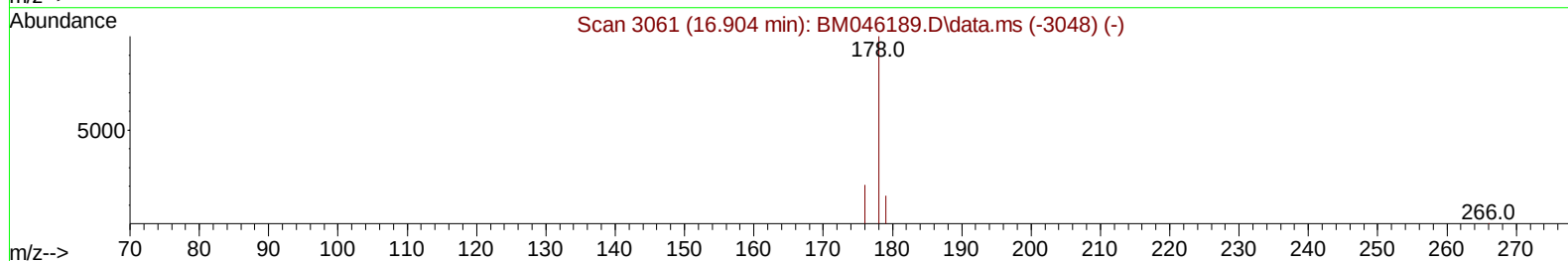
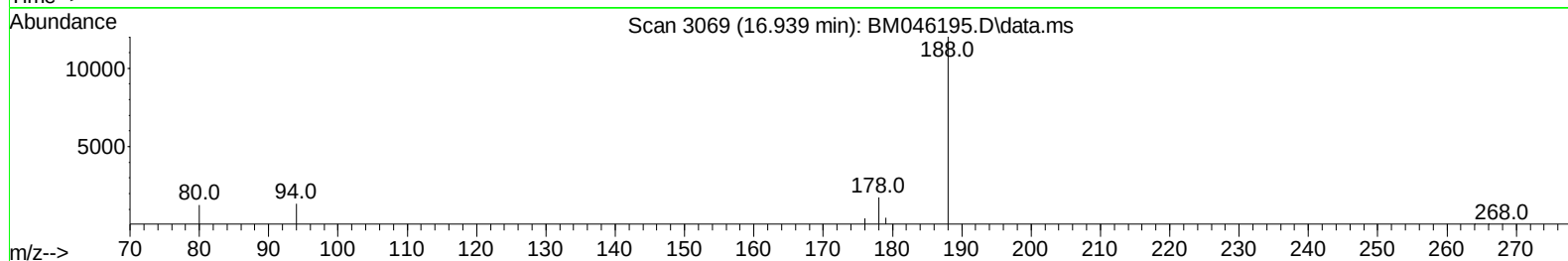
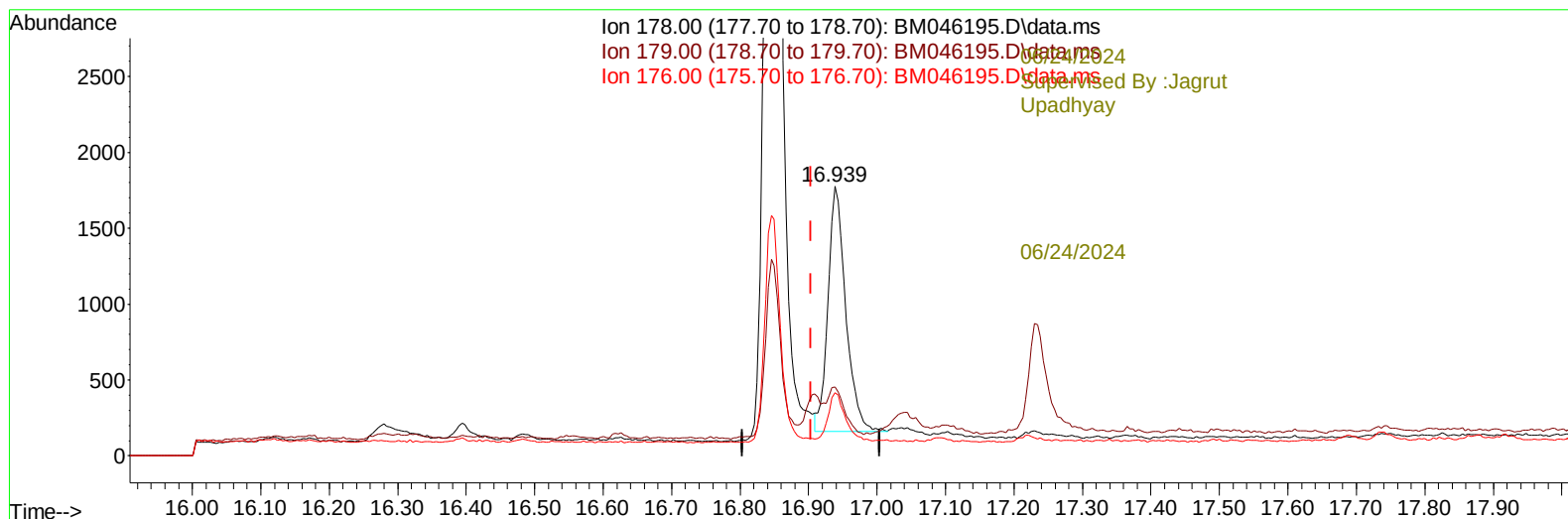
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046195.D\data.ms

(15) Phenanthrene

16.939min (+ 0.035) 0.12 ng/u1

response 2884

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	25.69#
176.00	21.40	23.44
0.00	0.00	0.00

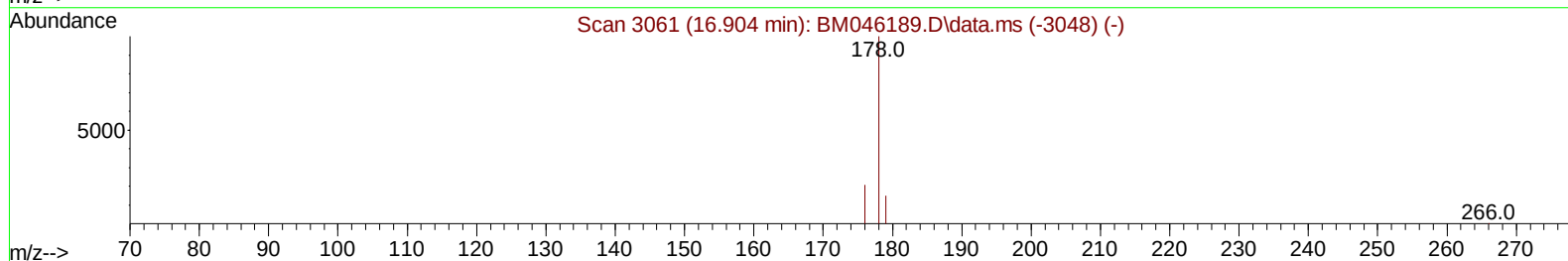
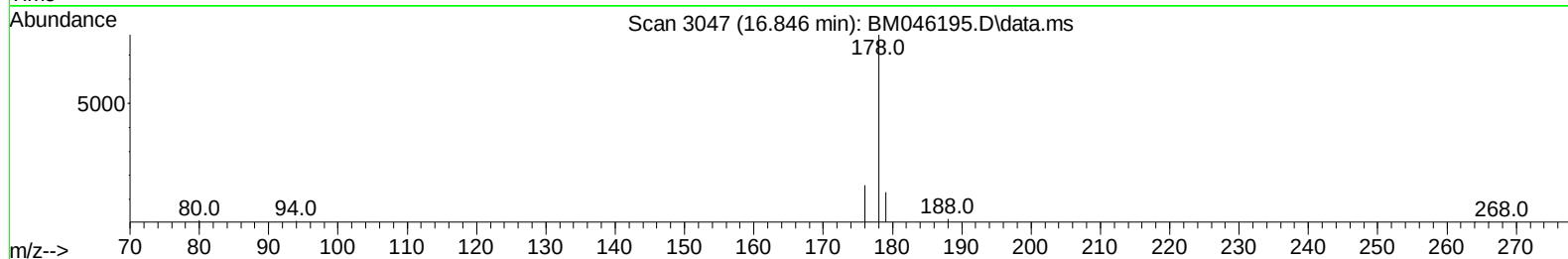
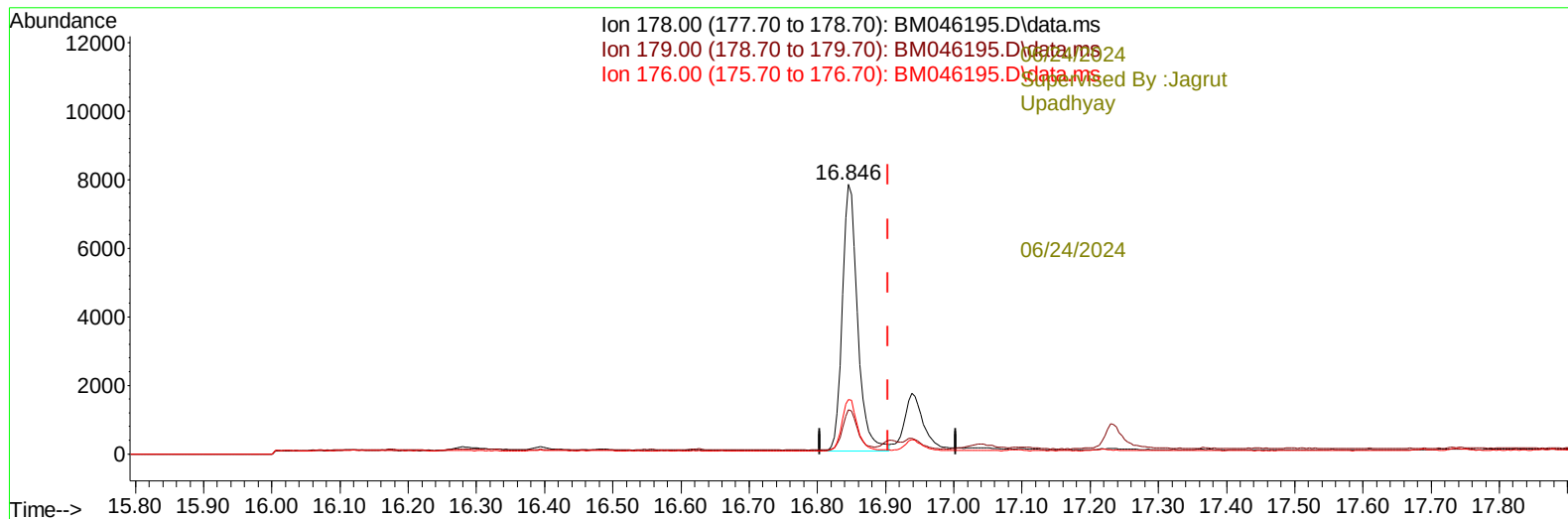
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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
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TIC: BM046195.D\data.ms

(15) Phenanthrene

16.846min (-0.058) 0.53 ng/ul m

response 12209

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.48
176.00	21.40	20.16
0.00	0.00	0.00

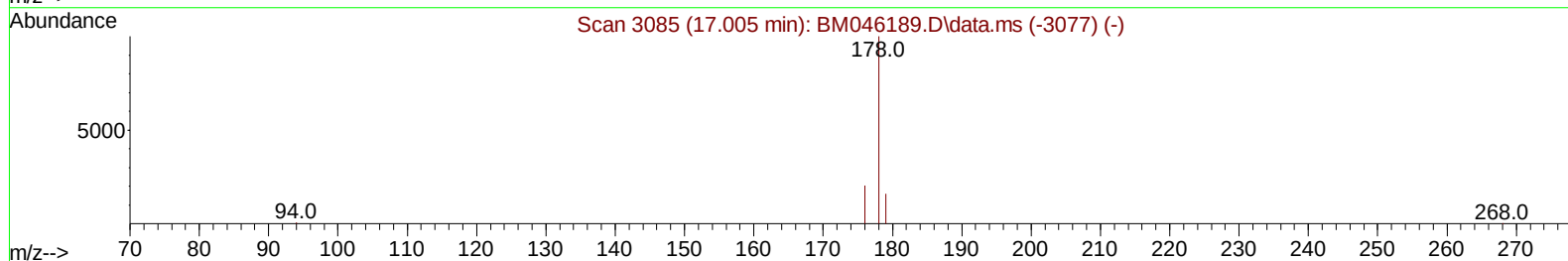
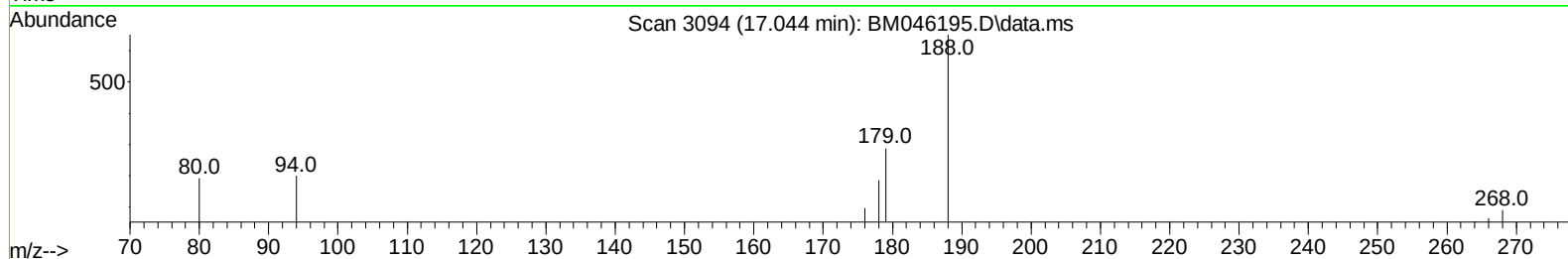
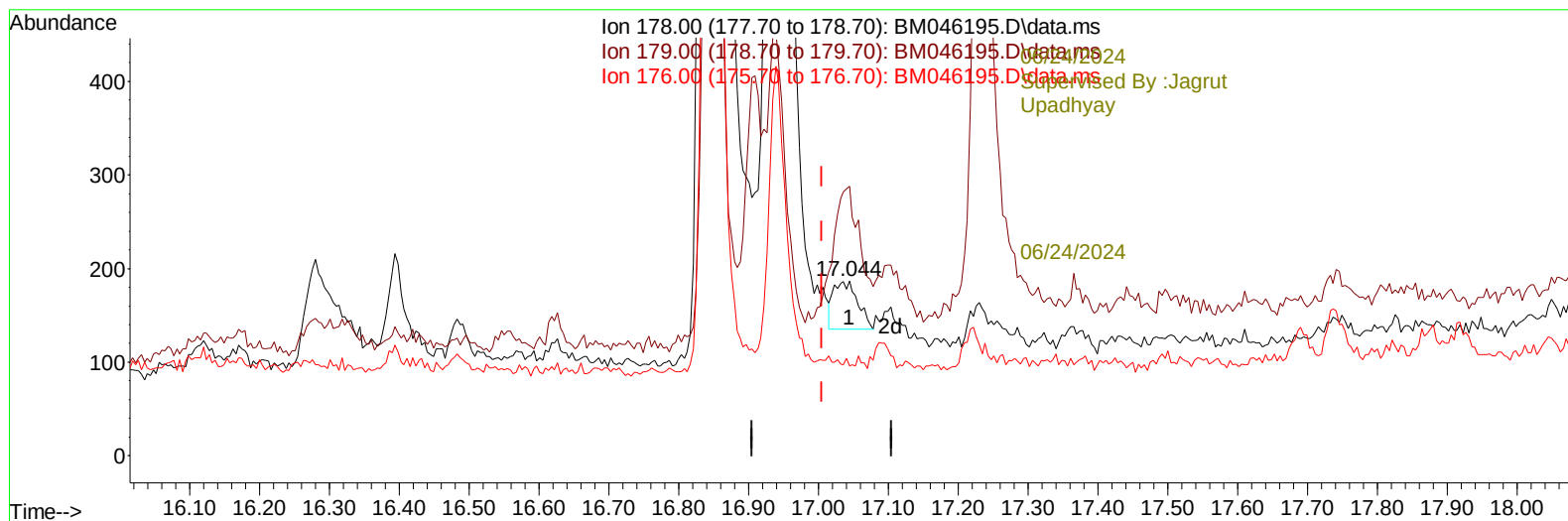
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 2024
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QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046195.D\data.ms

(16) Anthracene

17.044min (+ 0.039) 0.01 ng/u1

response 123

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	154.01#
176.00	21.20	51.34#
0.00	0.00	0.00

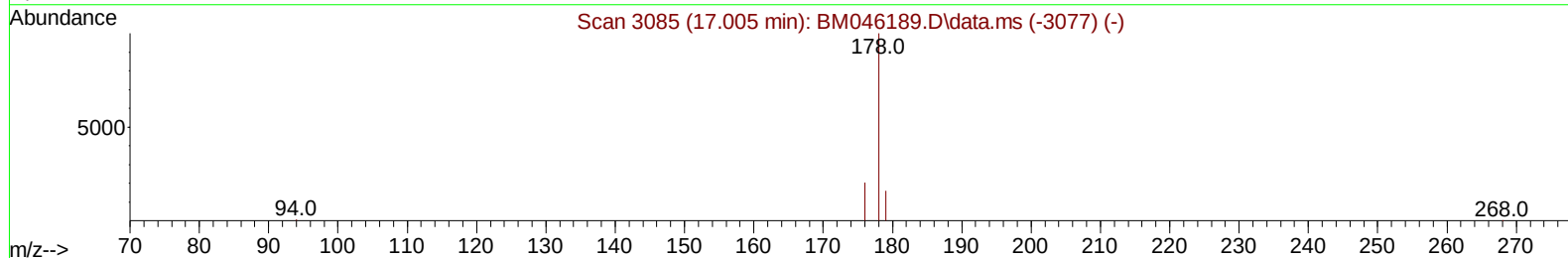
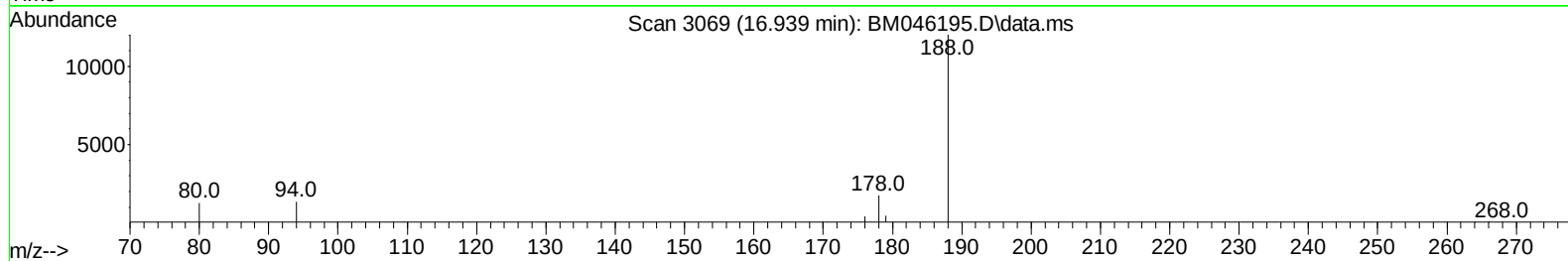
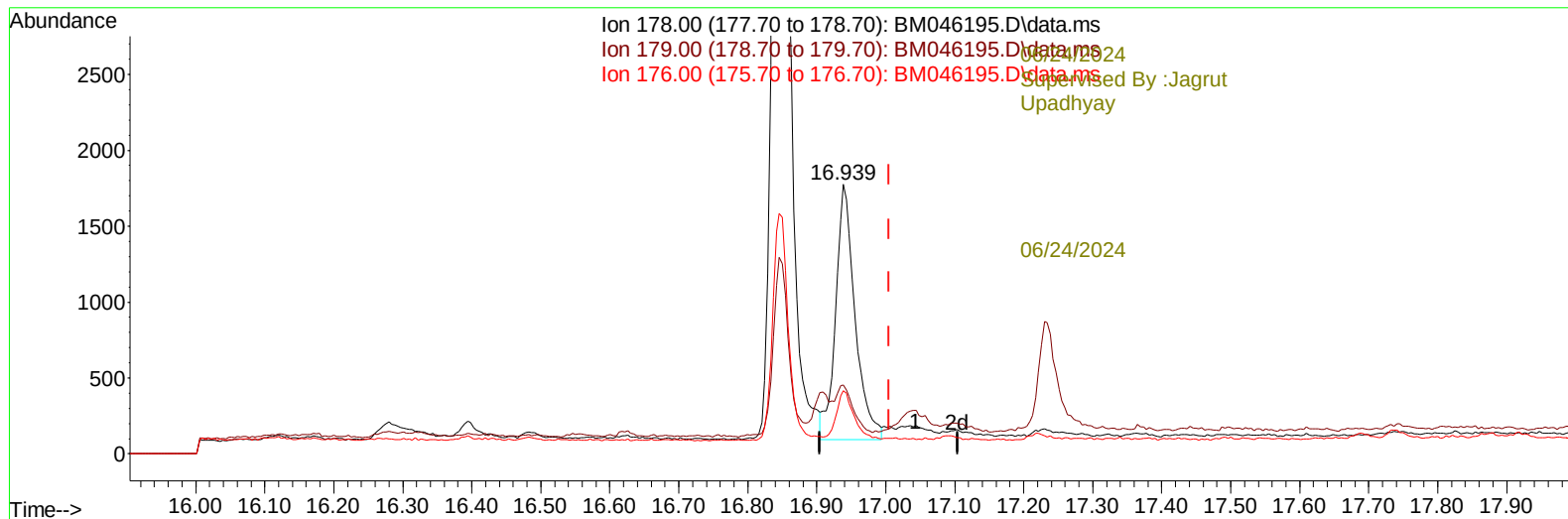
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Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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: BM046195.D\data.ms

(16) Anthracene

16.939min (-0.066) 0.19 ng/ul m

response 3257

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	25.69#
176.00	21.20	23.44
0.00	0.00	0.00

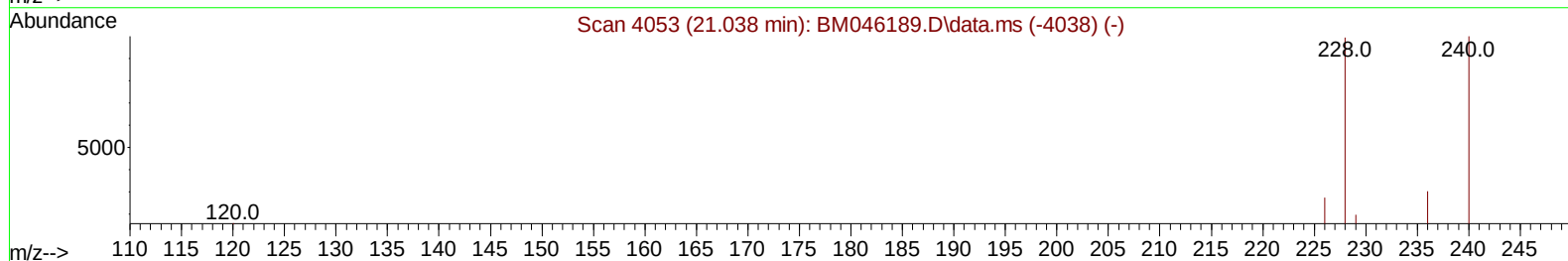
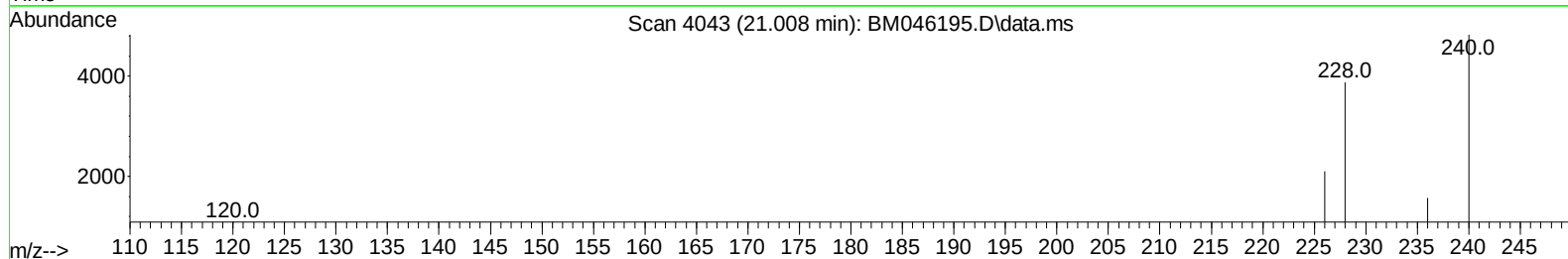
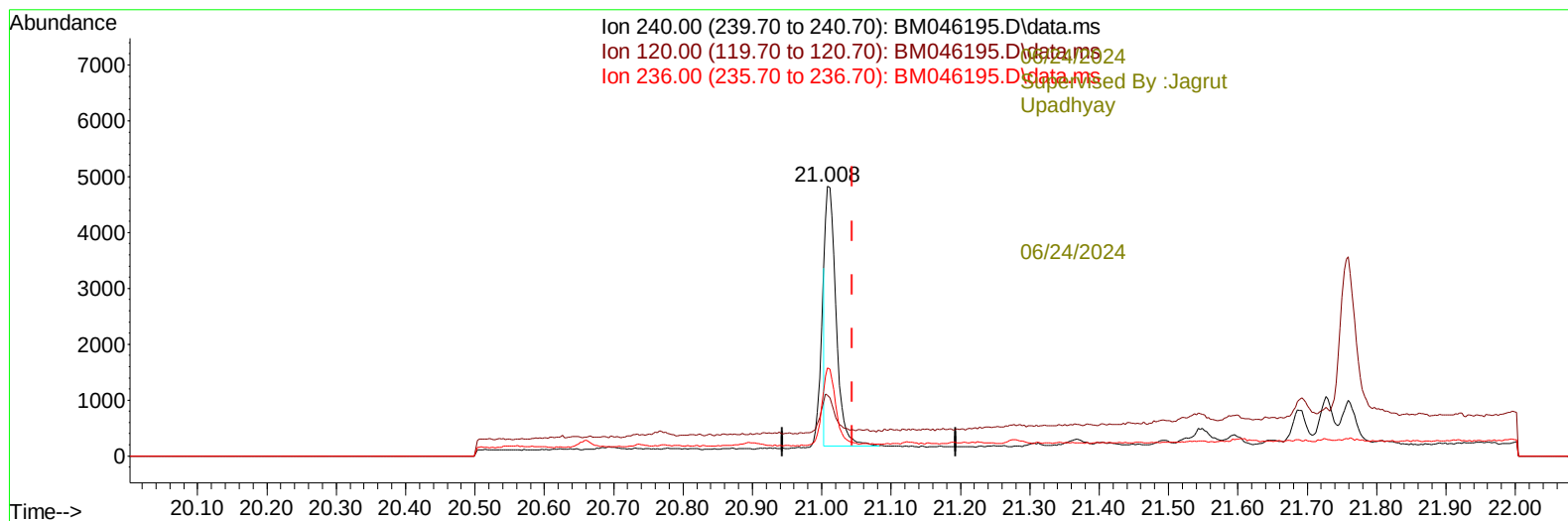
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 2024
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TIC: BM046195.D\data.ms

(17) Chrysene-d12

21.008min (-0.036) 0.40 ng/u1

response 5063

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.62
236.00	33.60	32.57
0.00	0.00	0.00

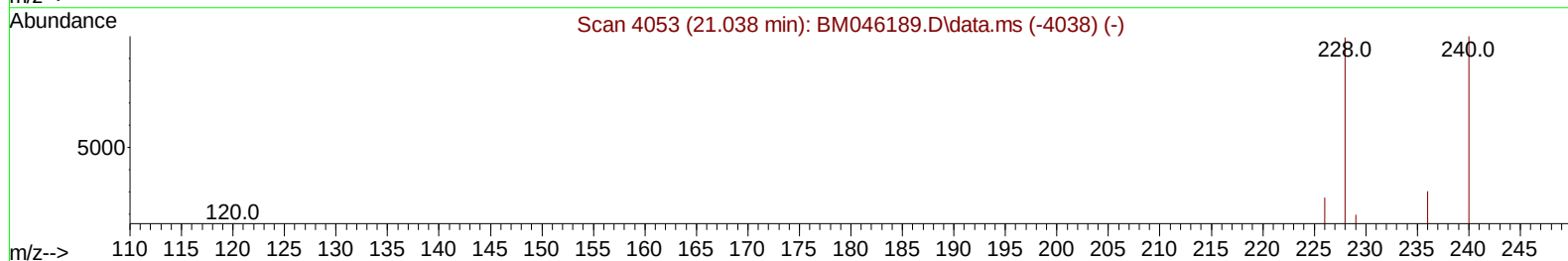
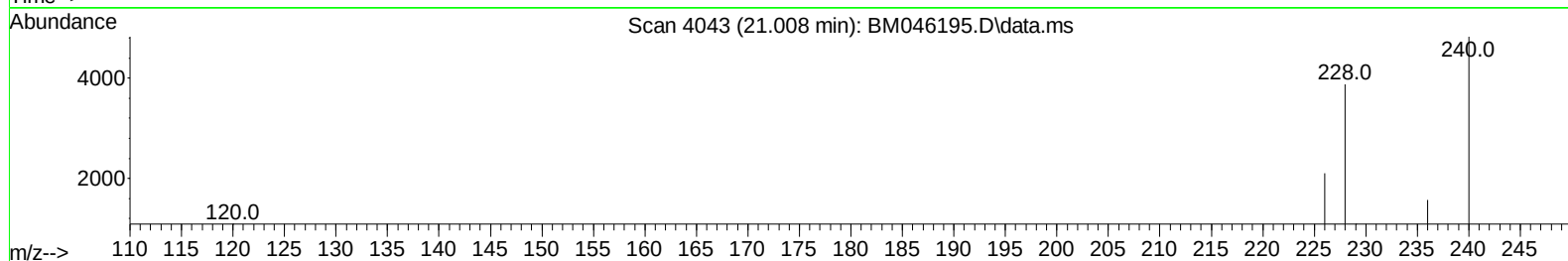
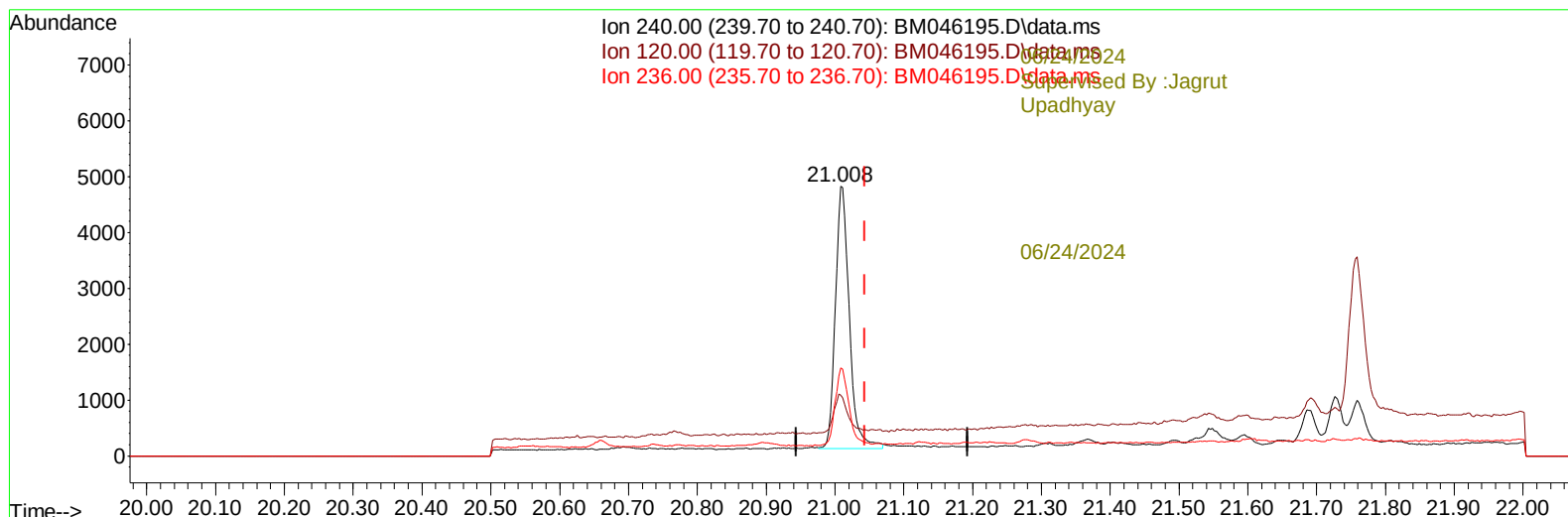
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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: BM046195.D\data.ms

(17) Chrysene-d12

21.008min (-0.036) 0.40 ng/ul m

response 6588

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.62
236.00	33.60	32.57
0.00	0.00	0.00

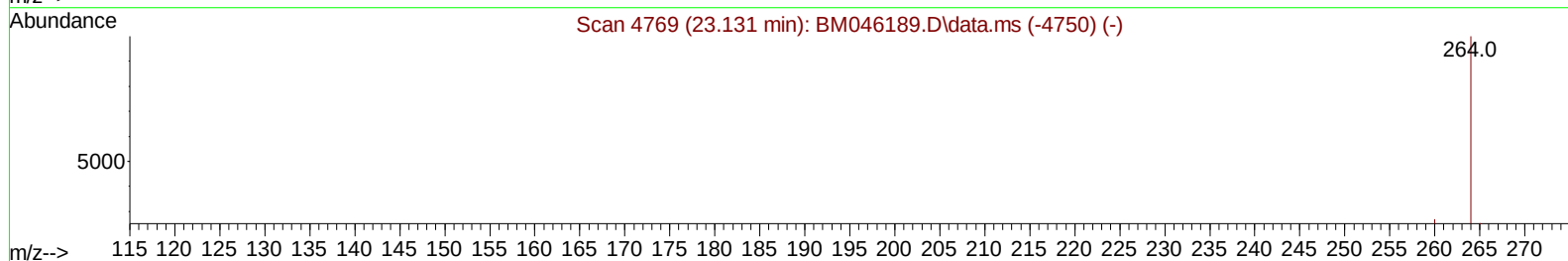
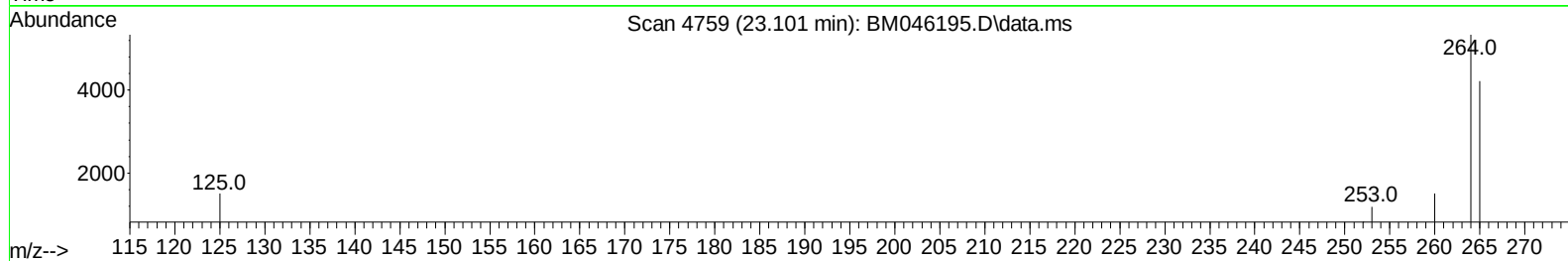
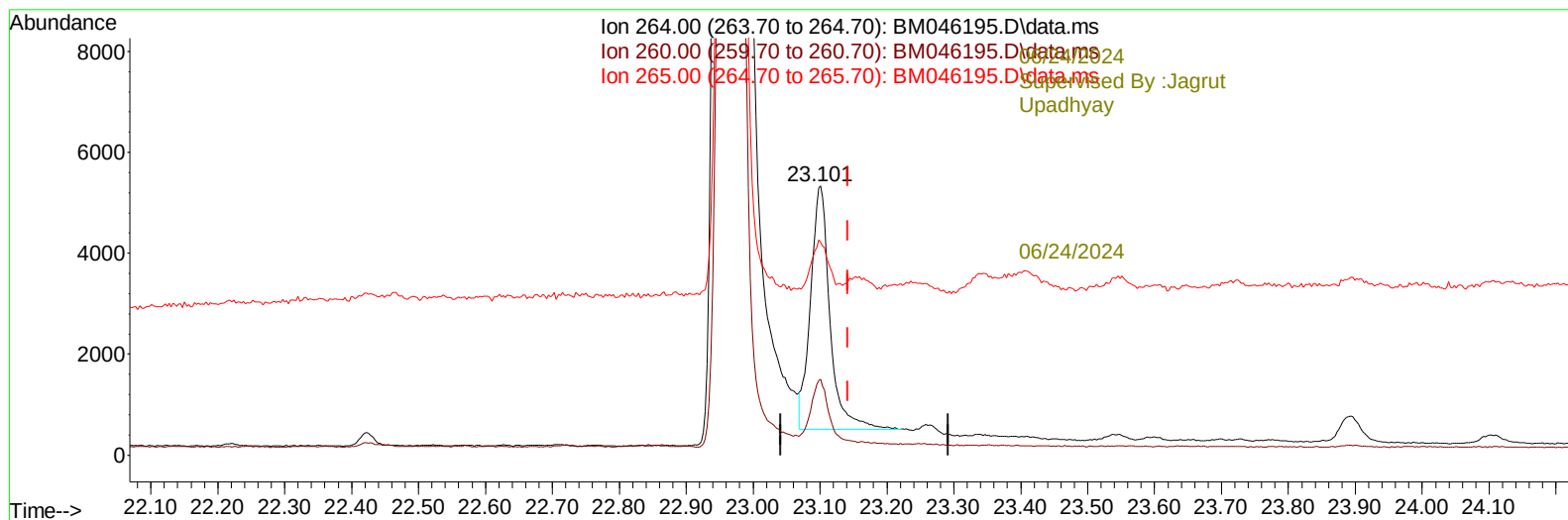
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

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TIC: BM046195.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/u1

response 9822

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.23
265.00	110.60	79.08#
0.00	0.00	0.00

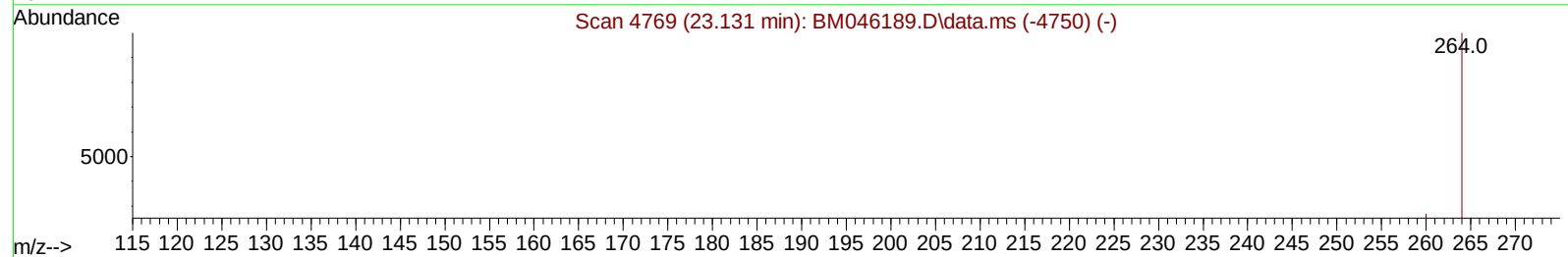
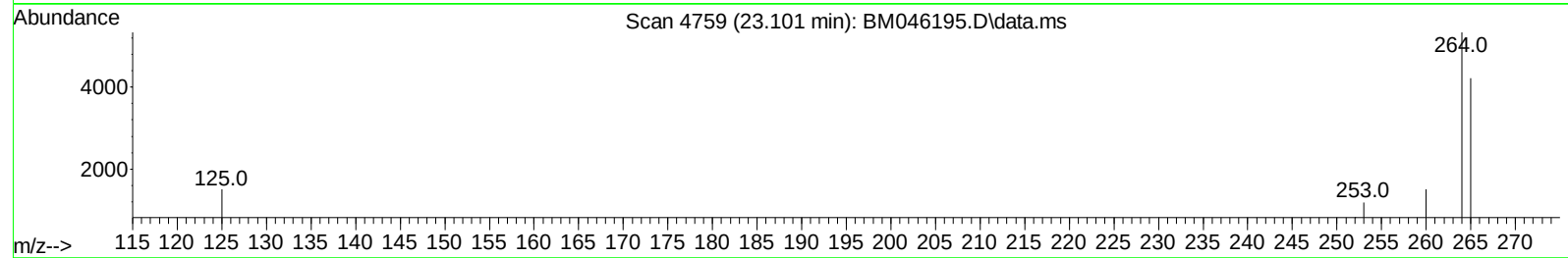
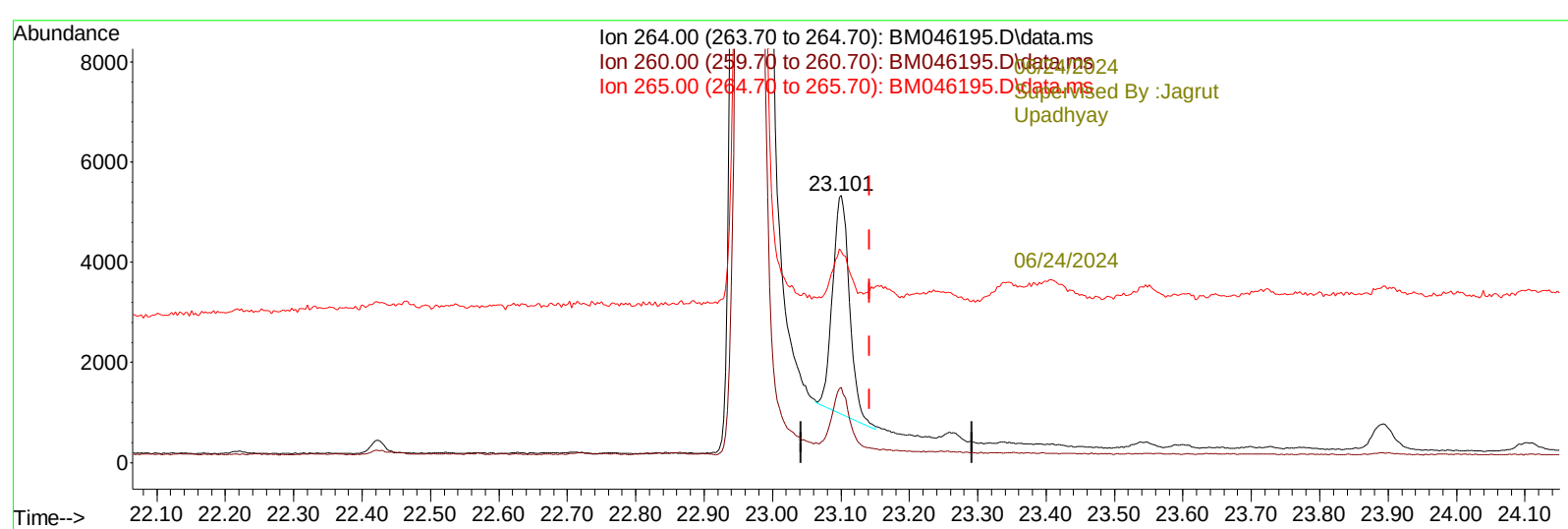
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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: BM046195.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/ul m

response 7504

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.23
265.00	110.60	79.08#
0.00	0.00	0.00

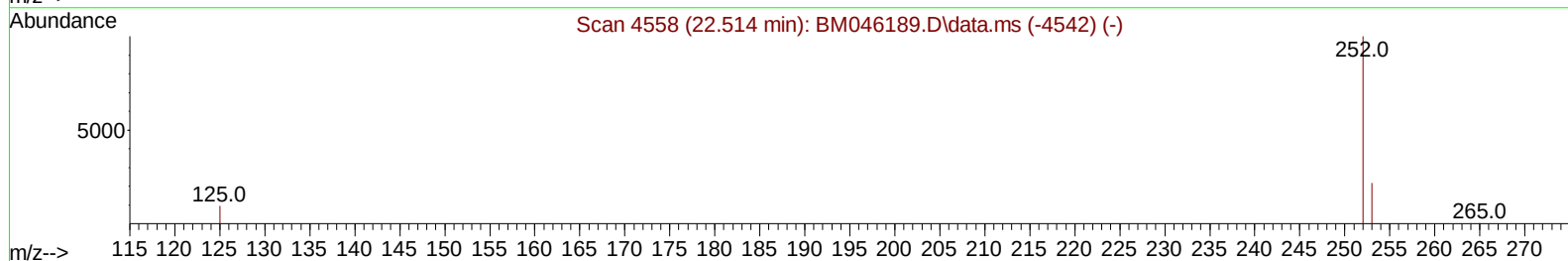
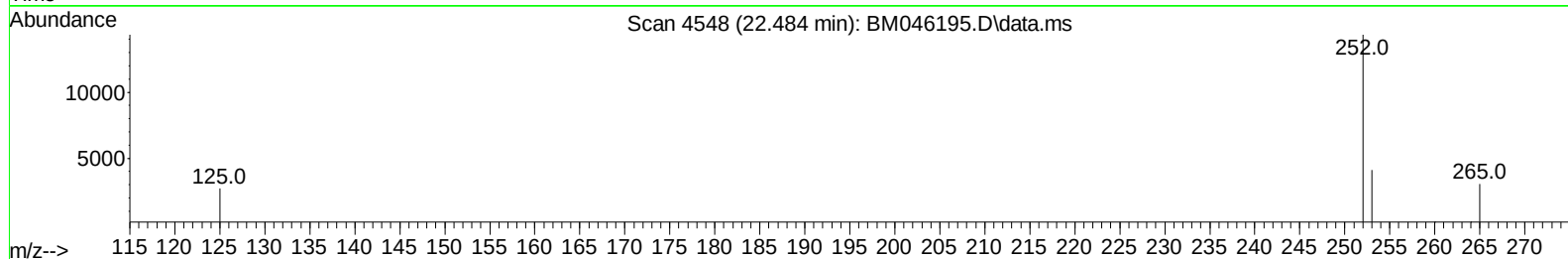
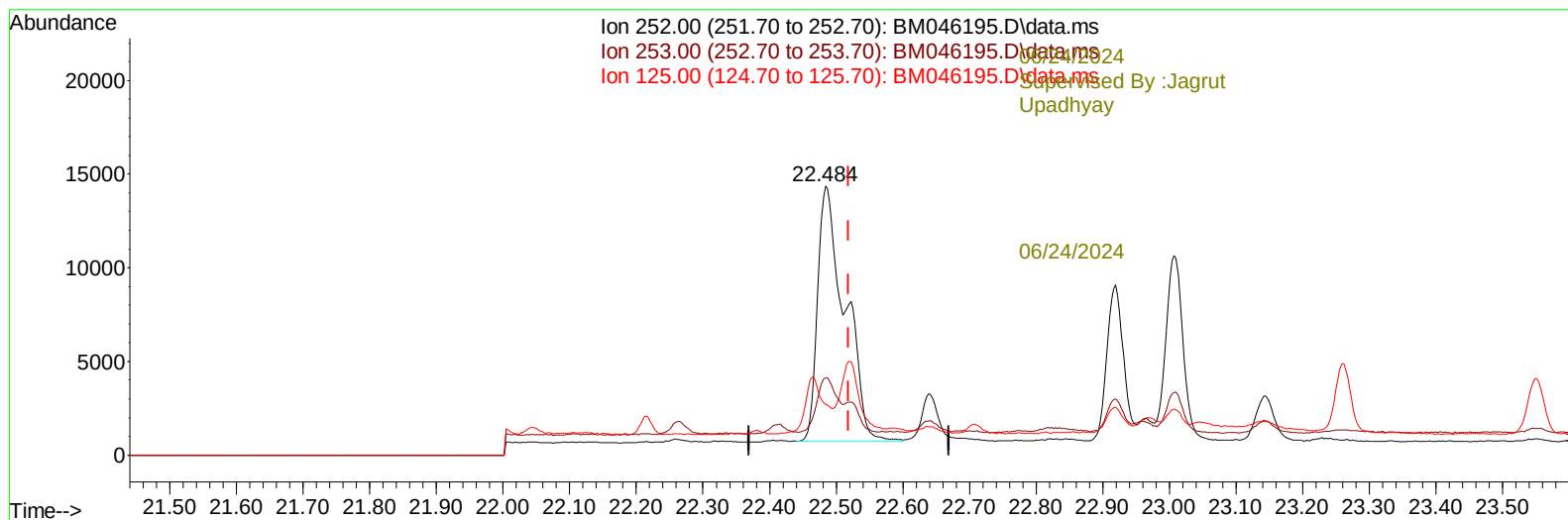
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
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Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046195.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.036) 1.43 ng/u1

response 38594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.67
125.00	20.10	18.86
0.00	0.00	0.00

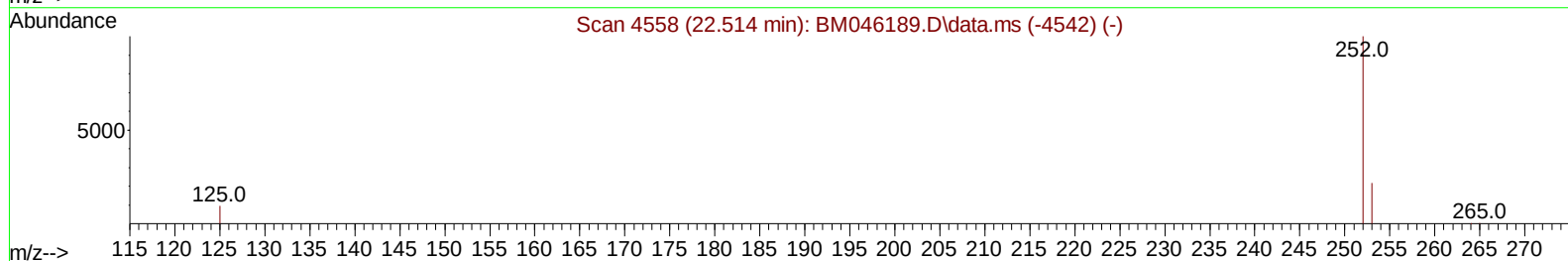
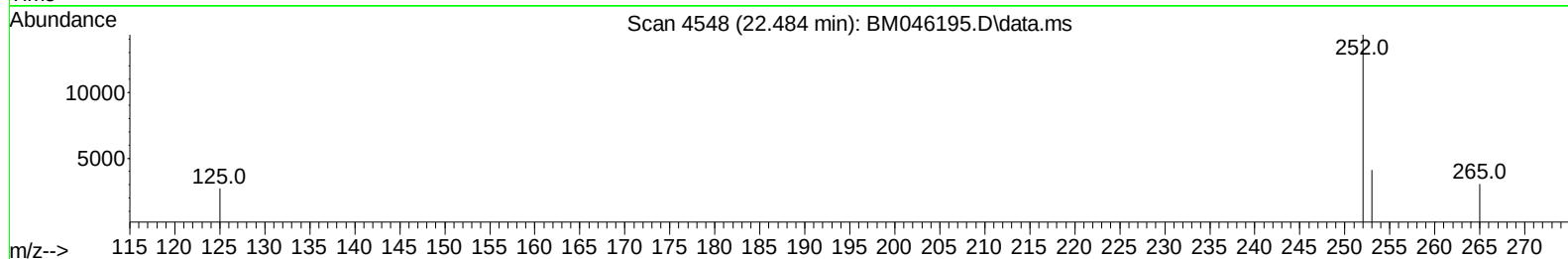
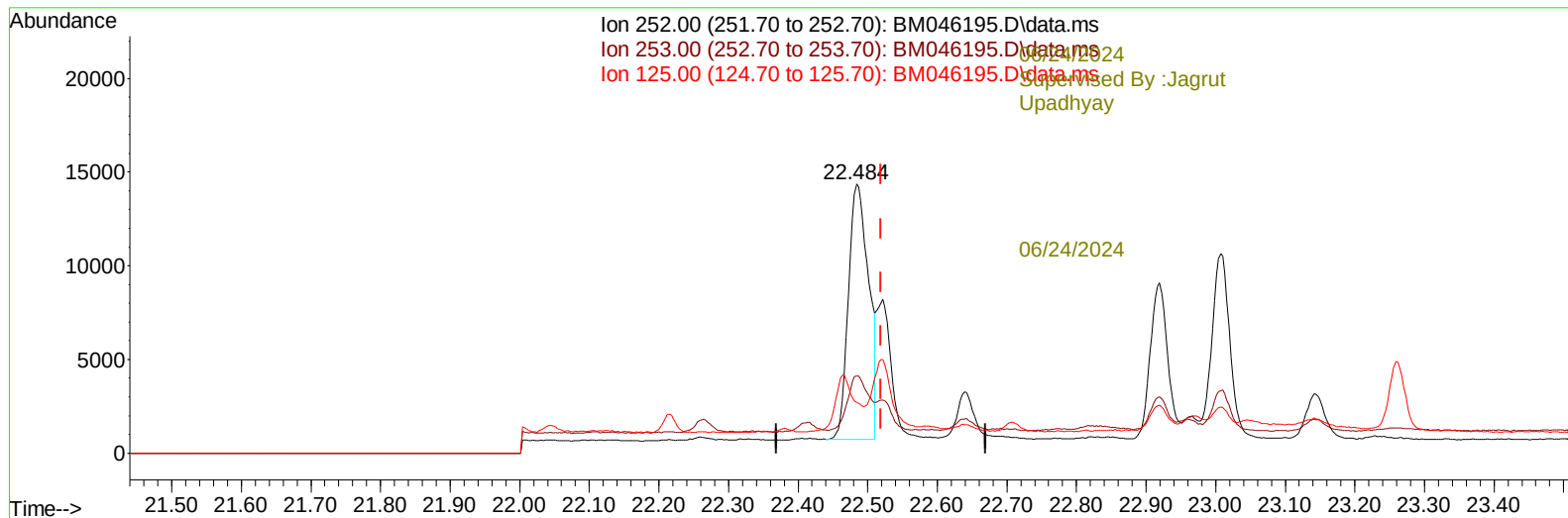
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

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TIC: BM046195.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.036) 1.02 ng/ul m

response 27640

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.67
125.00	20.10	18.86
0.00	0.00	0.00

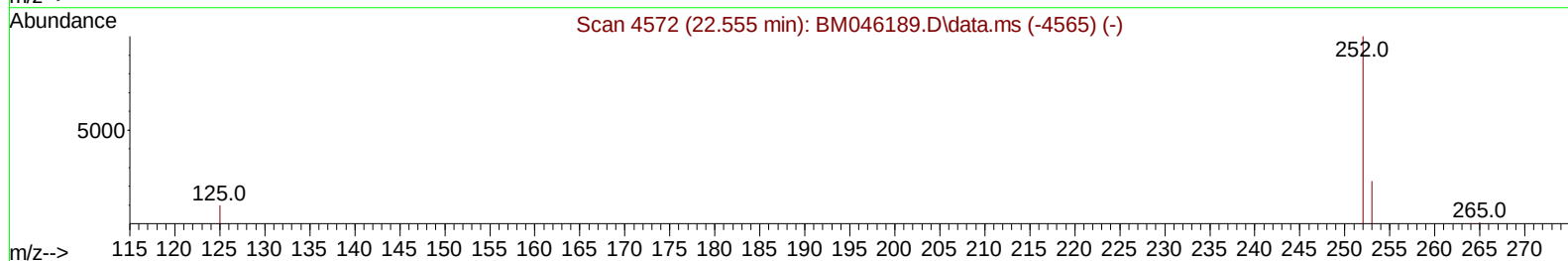
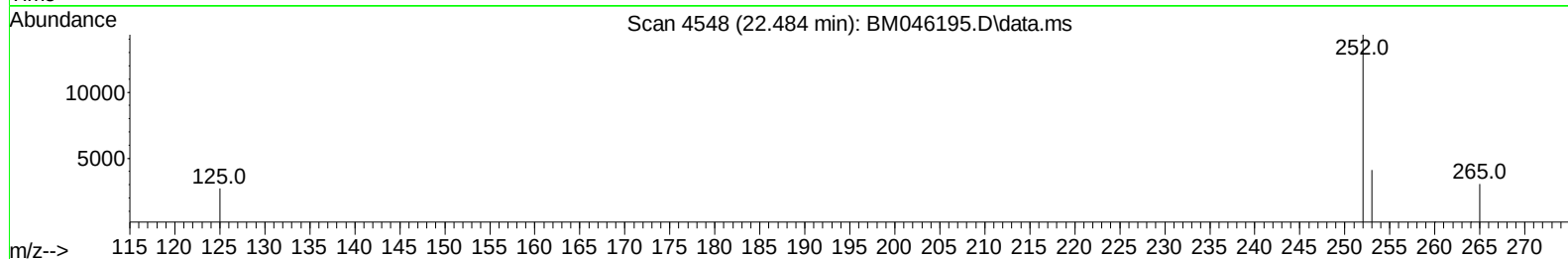
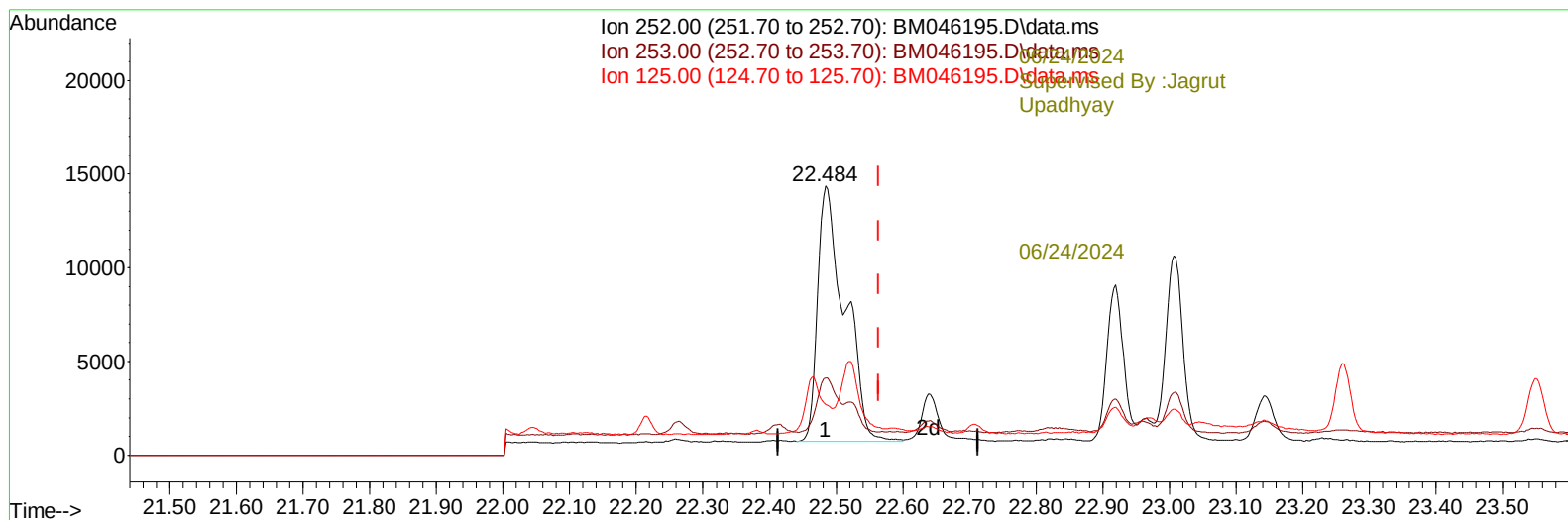
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

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TIC: BM046195.D\data.ms

(25) Benzo(k)fluoranthene

22.484min (-0.079) 1.20 ng/u1

response 38594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.67
125.00	20.80	18.86
0.00	0.00	0.00

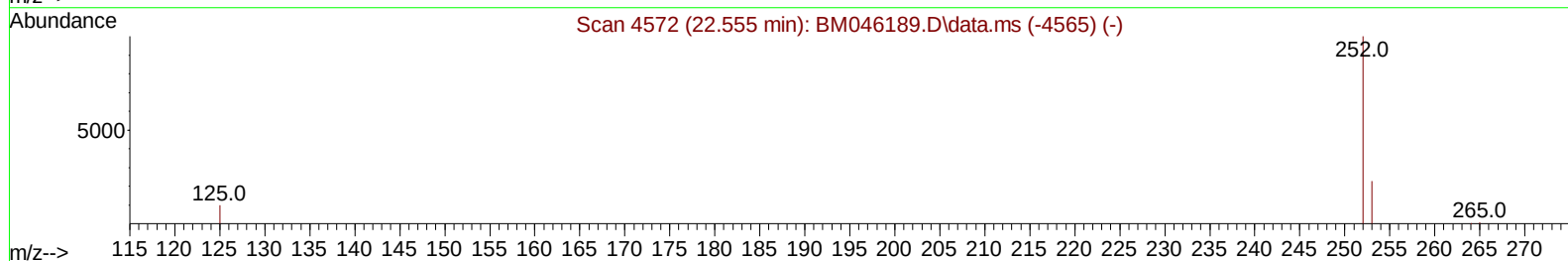
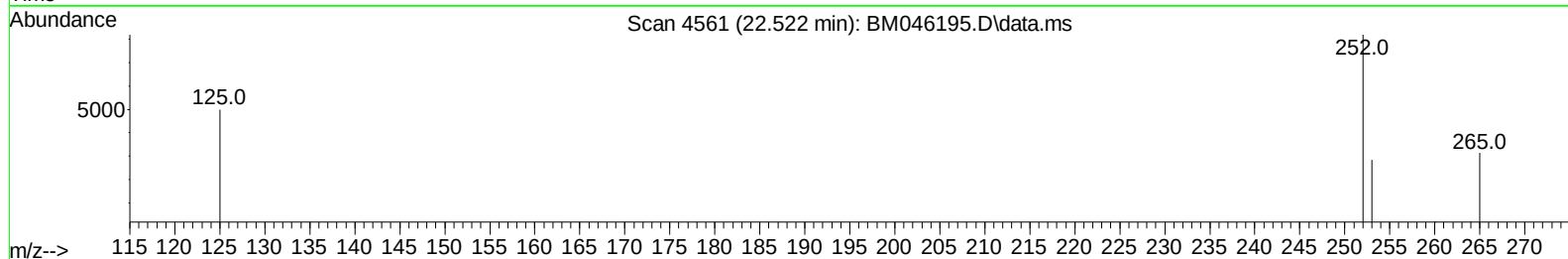
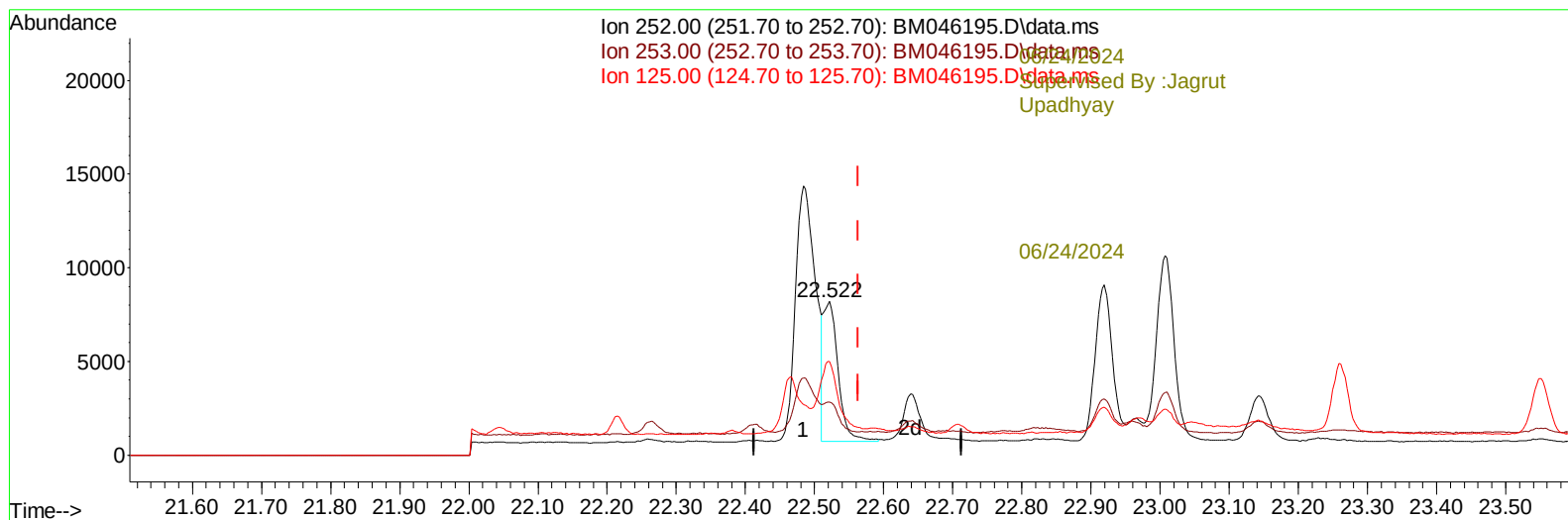
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 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: BM046195.D\data.ms

(25) Benzo(k)fluoranthene

22.522min (-0.041) 0.34 ng/ul m

response 10886

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	34.71
125.00	20.80	60.92#
0.00	0.00	0.00

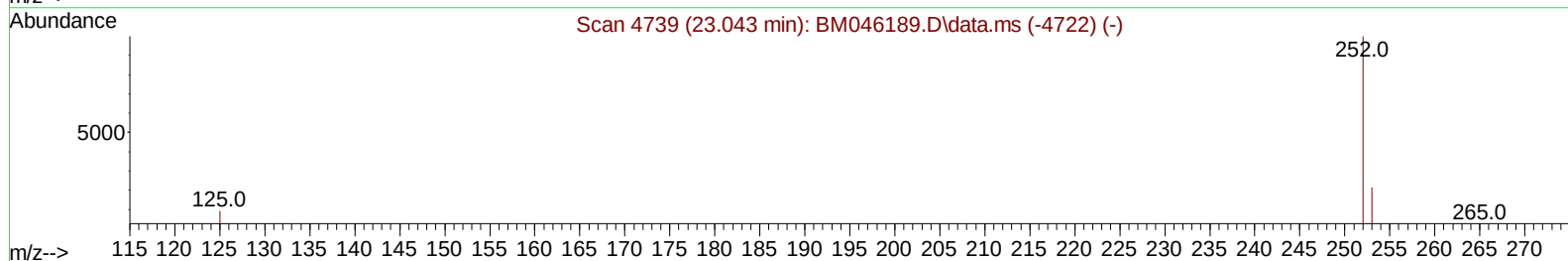
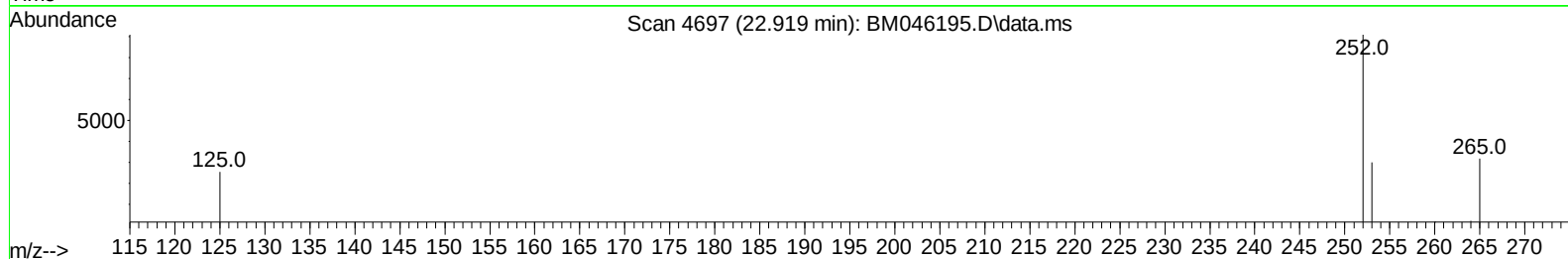
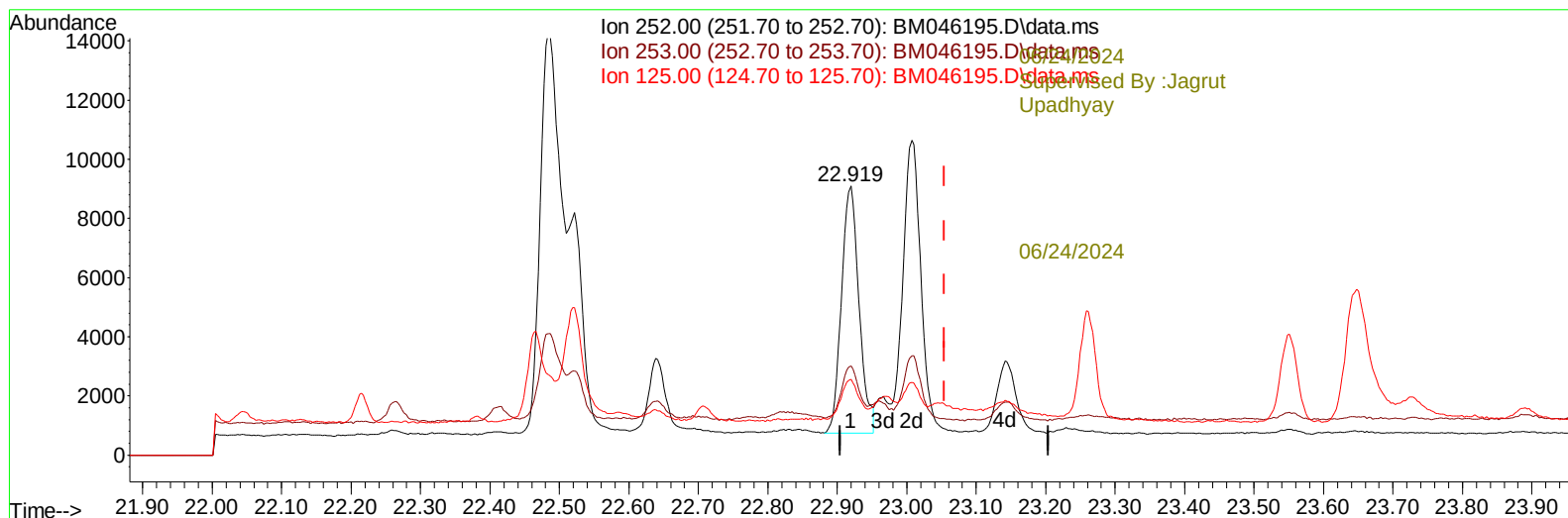
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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TIC: BM046195.D\data.ms

(26) Benzo(a)pyrene (C)

22.919min (-0.135) 0.58 ng/u1

response 14650

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	33.09
125.00	26.50	28.25
0.00	0.00	0.00

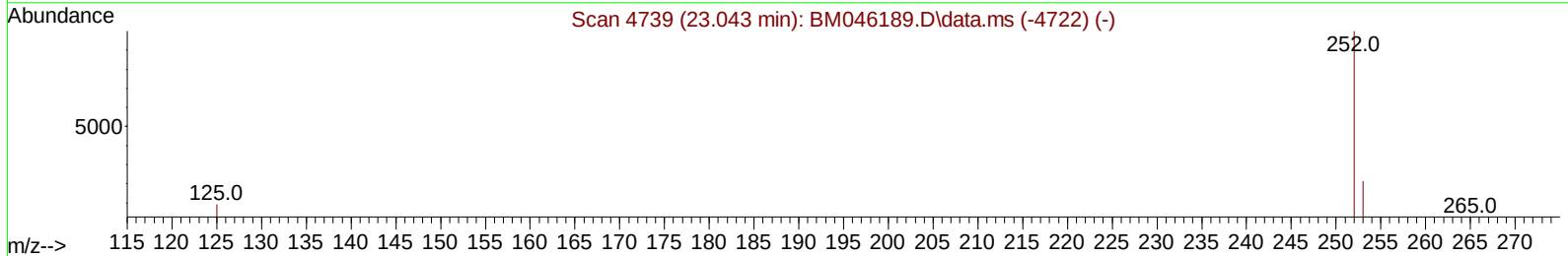
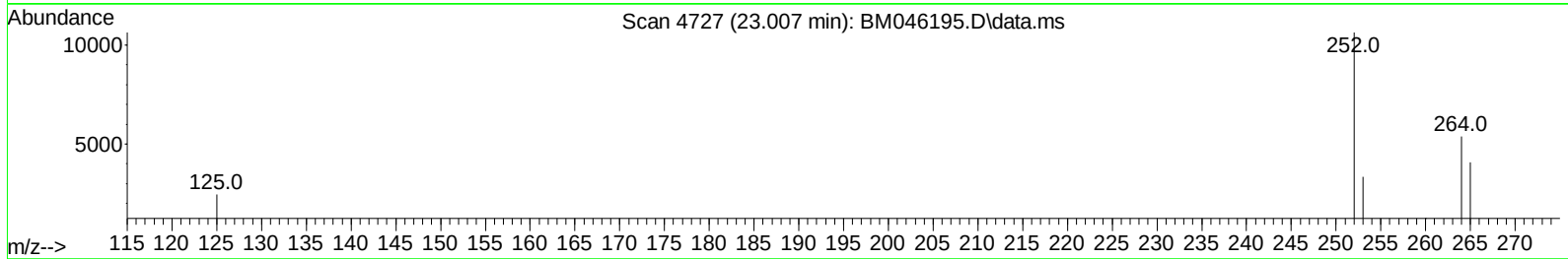
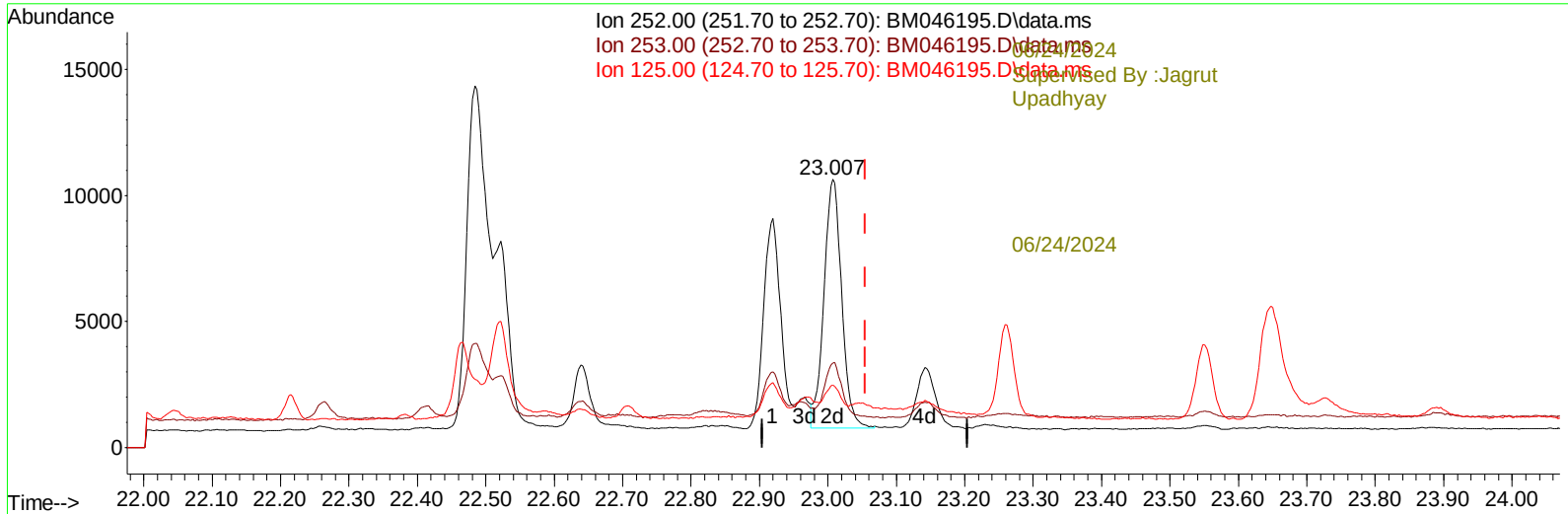
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA1

Manual IntegrationsAPPROVED

Quant Time: Jun 22 13:58:04 2024
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TIC: BM046195.D\data.ms

(26) Benzo(a)pyrene (C)

23.007min (-0.047) 0.71 ng/ul m

response 17856

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	31.53#
125.00	26.50	23.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046195.D
 Acq On : 22 Jun 2024 13:25
 Operator : MA/JU
 Sample : P2775-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA1

Manual IntegrationsAPPROVED

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

Quant Time: Jun 22 13:58:04 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----06/24/2024							
Supervised By :Jagrut Upadhyay							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.413	152		2199	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136		6702	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.062	164		3805	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188		8220m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240		6588m	0.400	ng/ul	-0.04
23) Perylene-d12	23.101	264		7504m	0.400	ng/ul	-0.04
-----06/24/2024							
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		9905	3.283	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.811	152		2254	0.250	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212		4874	0.247	ng/ul	-0.04

Target Compounds							Qvalue
5) Naphthalene	10.233	128		996	0.053	ng/ul#	76
7) 2-Methylnaphthalene	11.882	142		455	0.043	ng/ul	97
8) 1-Methylnaphthalene	12.097	142		358	0.031	ng/ul	97
10) Acenaphthylene	13.780	152		3268	0.181	ng/ul#	92
11) Acenaphthene	14.127	153		381	0.029	ng/ul#	88
12) Fluorene	15.117	166		675	0.048	ng/ul#	94
15) Phenanthrene	16.846	178		12209m	0.529	ng/ul	
16) Anthracene	16.939	178		3257m	0.189	ng/ul	
19) Fluoranthene	18.872	202		33875	1.188	ng/ul	97
20) Pyrene	19.234	202		31111	1.009	ng/ul	97
21) Benzo(a)anthracene	20.994	228		17713	0.696	ng/ul	95
22) Chrysene	21.043	228		16899	0.520	ng/ul	96
24) Benzo(b)fluoranthene	22.484	252		27640m	1.022	ng/ul	
25) Benzo(k)fluoranthene	22.522	252		10886m	0.339	ng/ul	
26) Benzo(a)pyrene	23.007	252		17856m	0.713	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.145	276		15607	0.381	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.152	278		3461	0.113	ng/ul#	34
29) Benzo(g,h,i)perylene	25.769	276		16124	0.459	ng/ul	98

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

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