

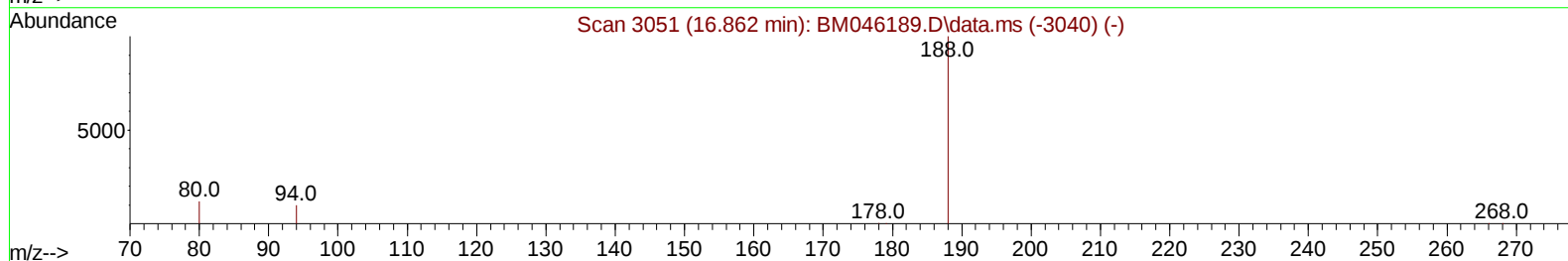
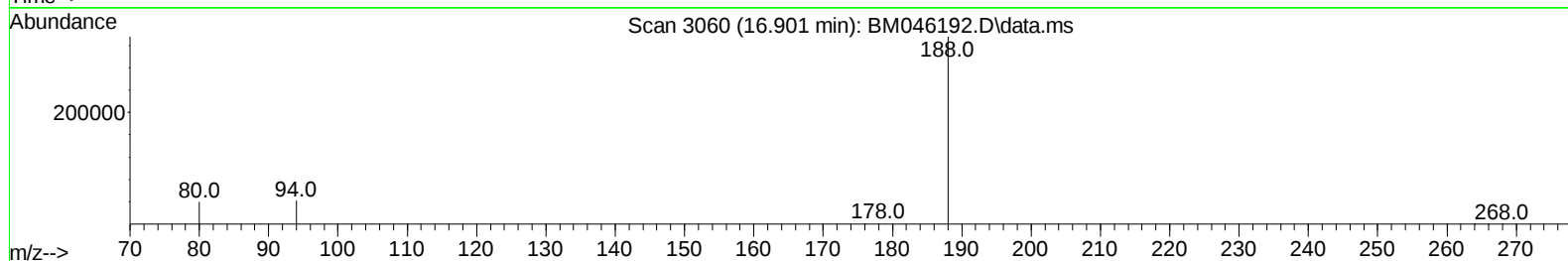
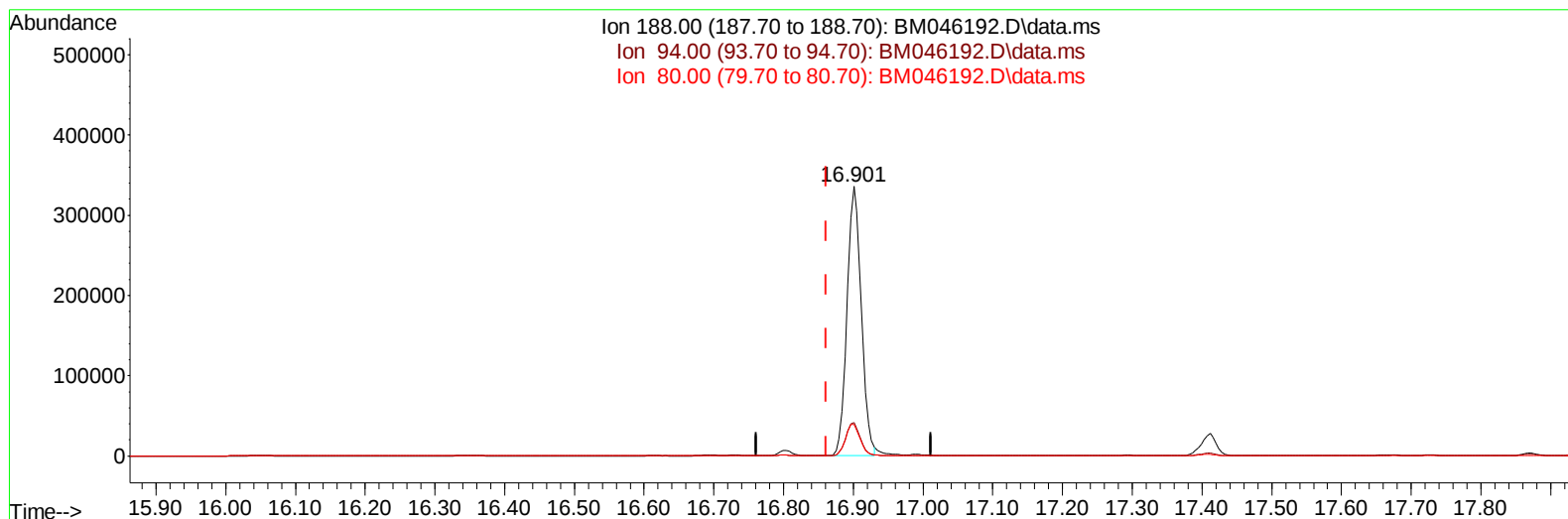
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

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

Quant Time: Jun 22 12:39:50 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



TIC: BM046192.D\data.ms

(13) Phenanthrene-d10 (I)**16.901min (+ 0.039) 0.40 ng/u1****response 474314**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.48
80.00	15.20	11.80#
0.00	0.00	0.00

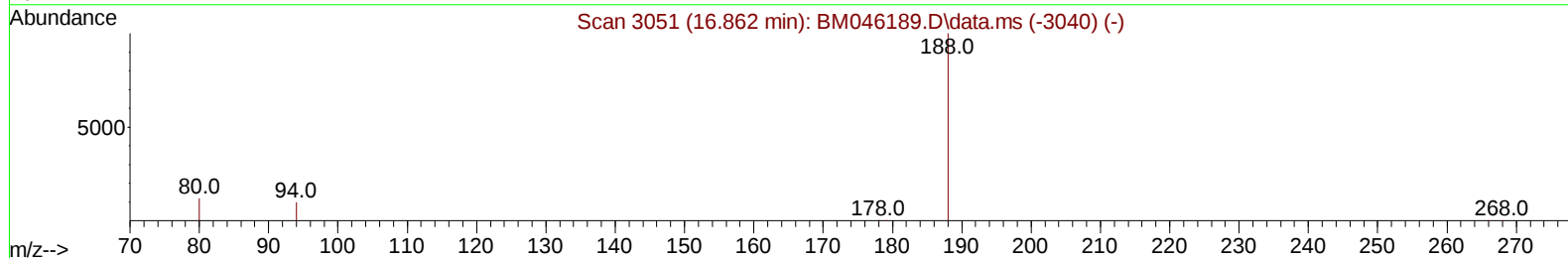
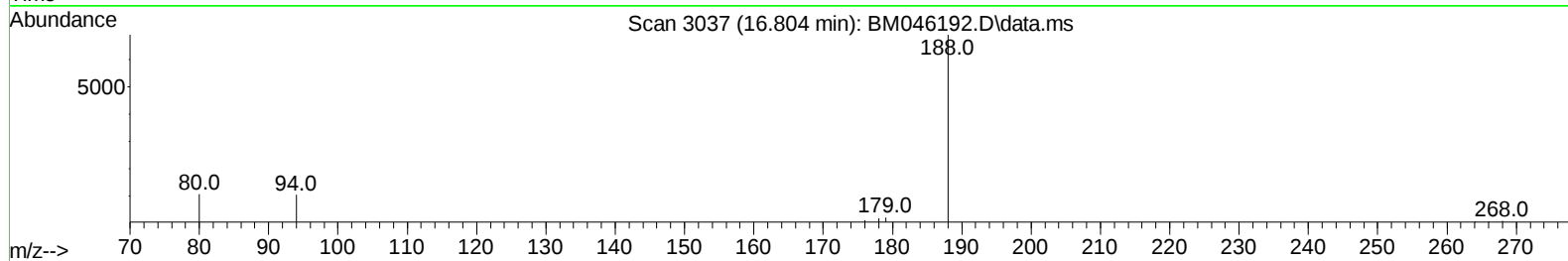
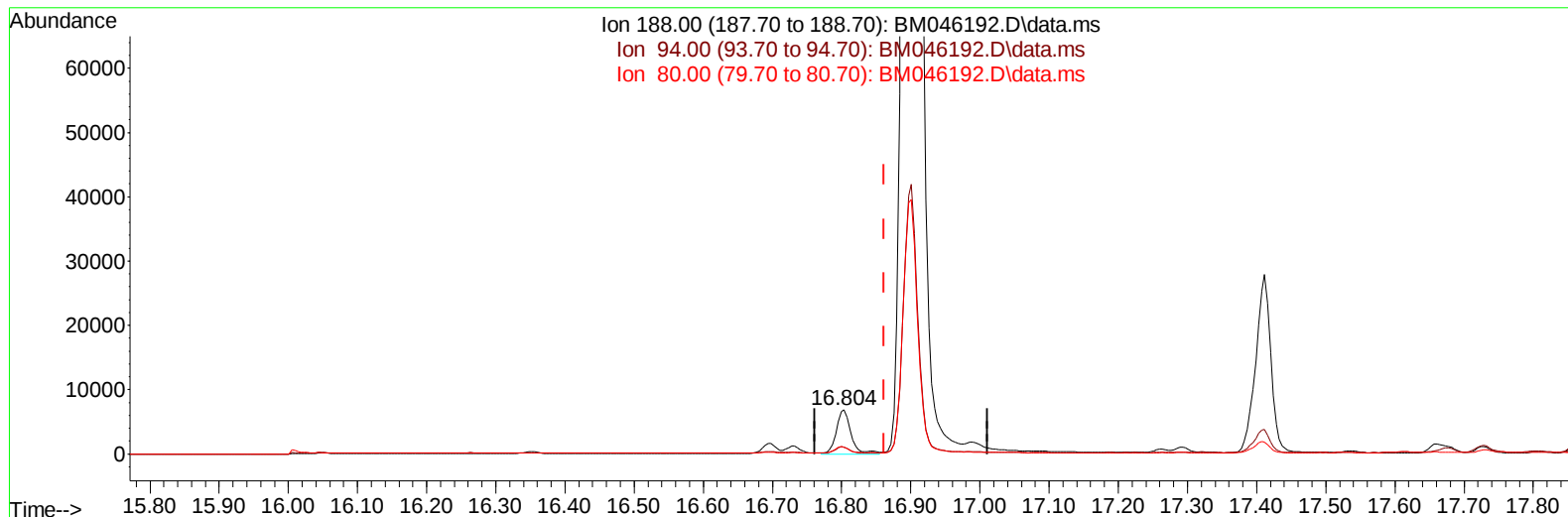
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
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Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

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TIC: BM046192.D\data.ms

(13) Phenanthrene-d10 (I)

16.804min (-0.058) 0.40 ng/u1 m

response 10069

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	15.25
80.00	15.20	15.47
0.00	0.00	0.00

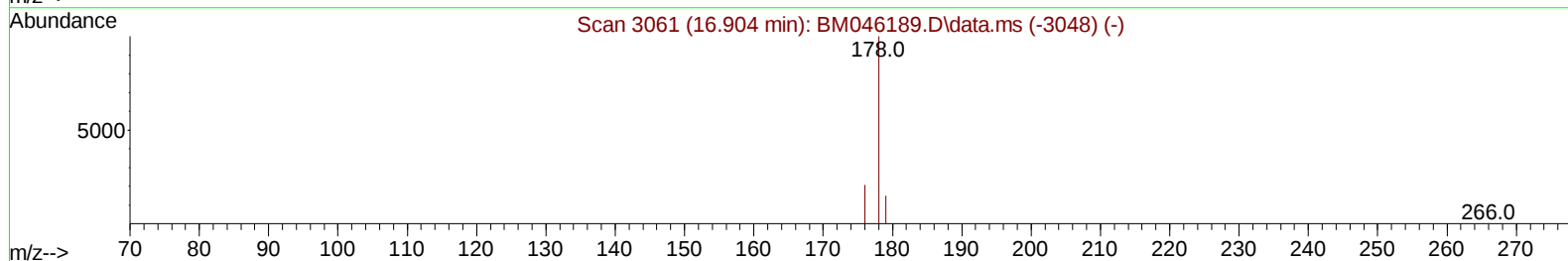
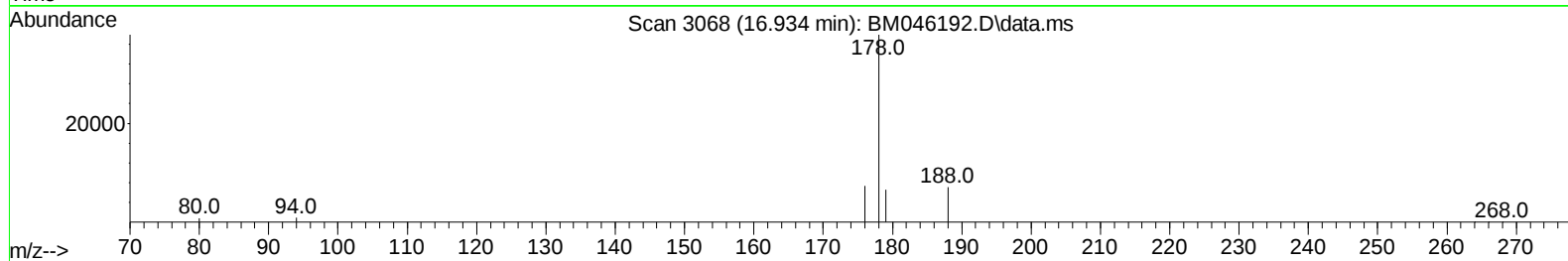
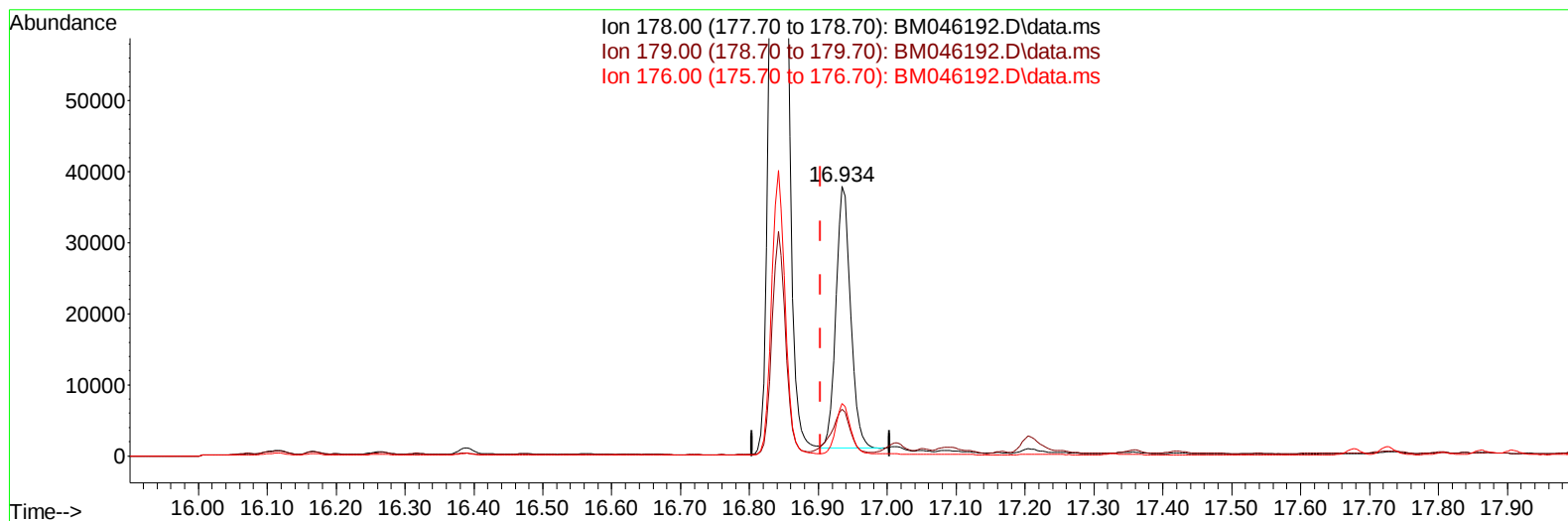
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 2024
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TIC: BM046192.D\data.ms

(15) Phenanthrene

16.934min (+ 0.031) 1.93 ng/u1

response 54552

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	17.41
176.00	21.40	19.45
0.00	0.00	0.00

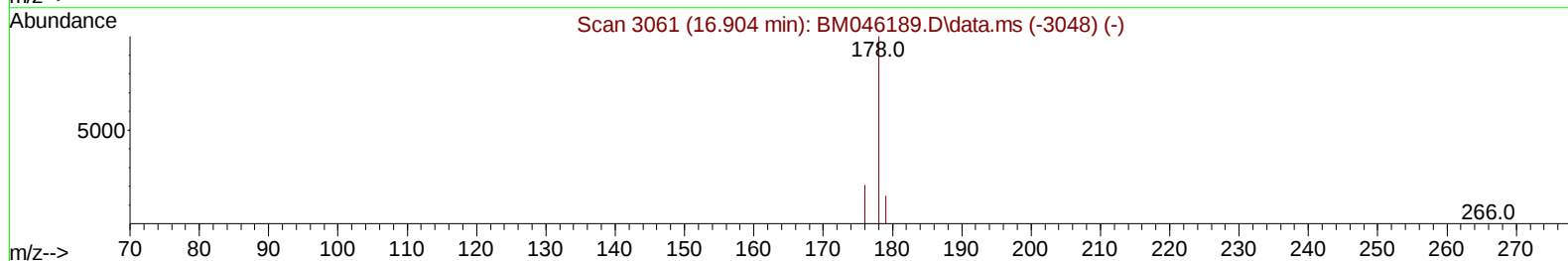
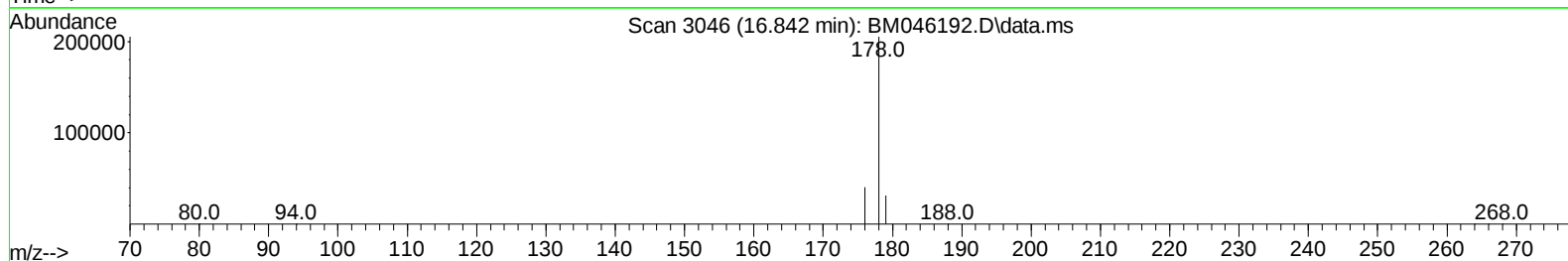
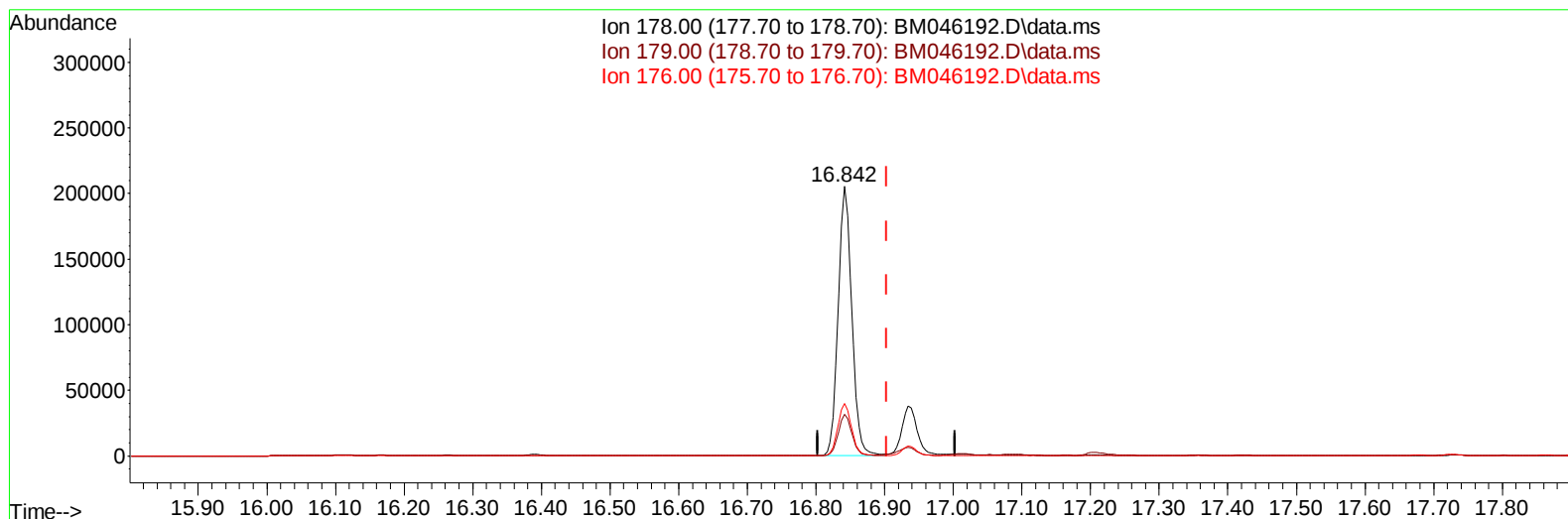
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
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Quant Time: Jun 22 12:39:50 2024
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QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046192.D\data.ms

(15) Phenanthrene

16.842min (-0.062) 10.00 ng/ul m

response 282771

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.37
176.00	21.40	19.57
0.00	0.00	0.00

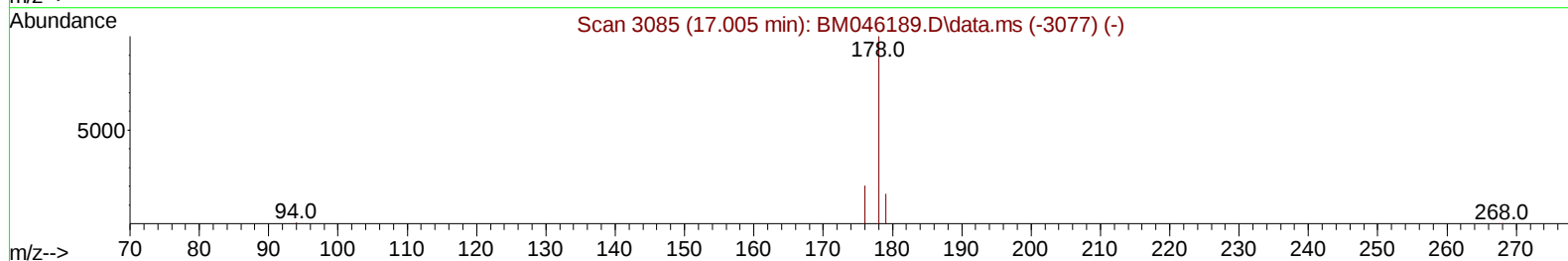
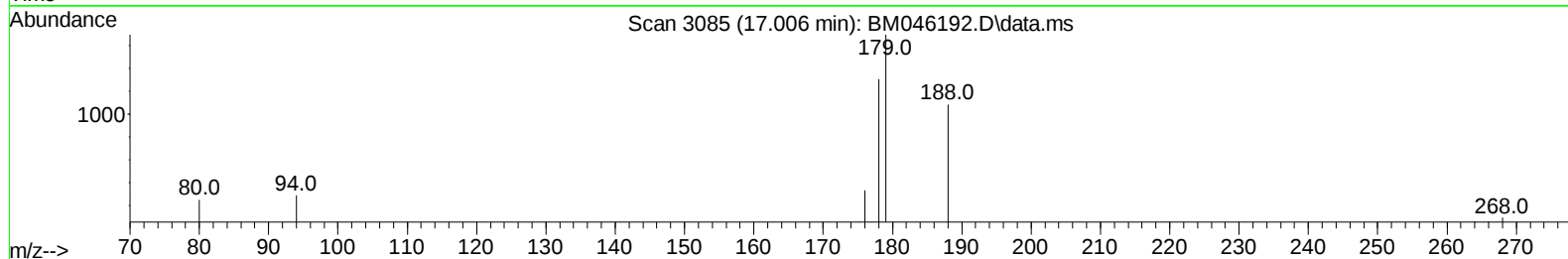
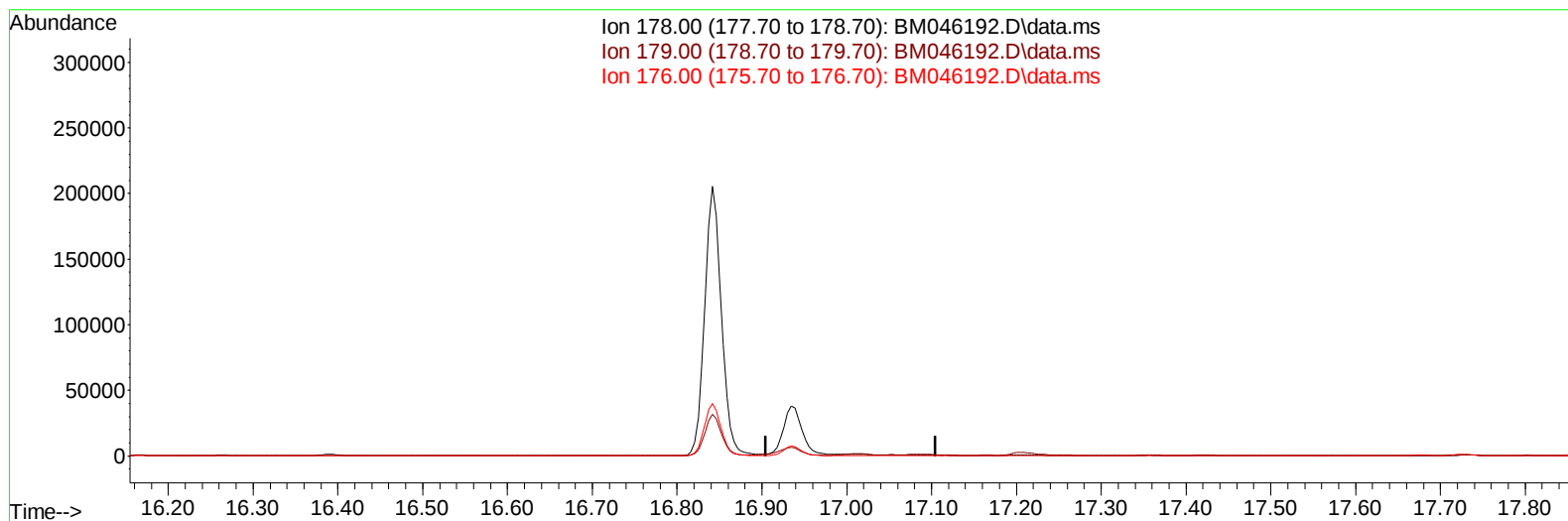
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 2024
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046192.D\data.ms

(16) Anthracene

17.005min (-17.005) 0.00 ng/u1

response 0

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

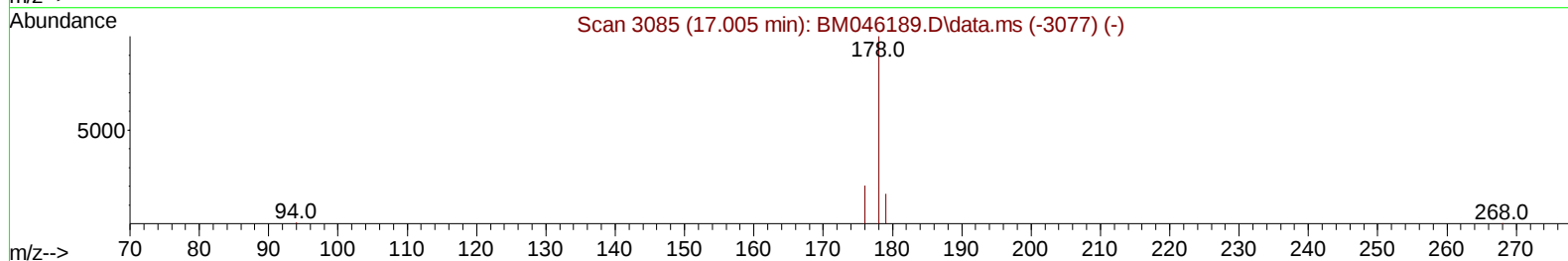
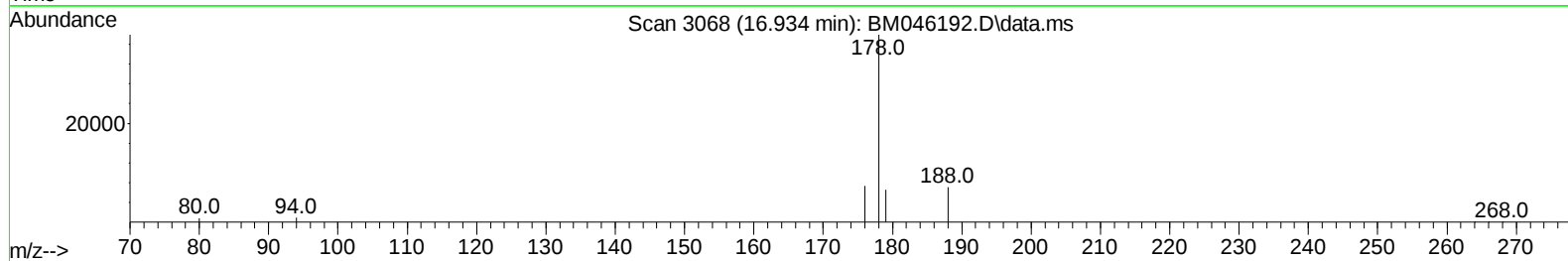
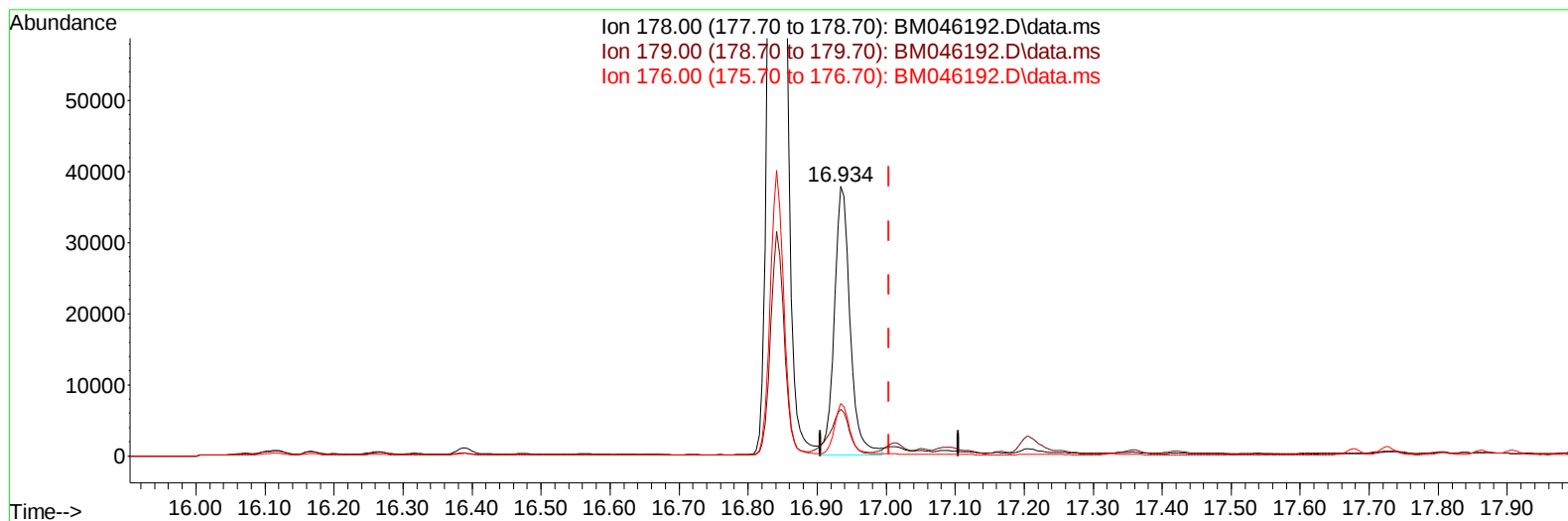
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 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: BM046192.D\data.ms

(16) Anthracene

16.934min (-0.070) 2.83 ng/ul m

response 59653

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	17.41
176.00	21.20	19.45
0.00	0.00	0.00

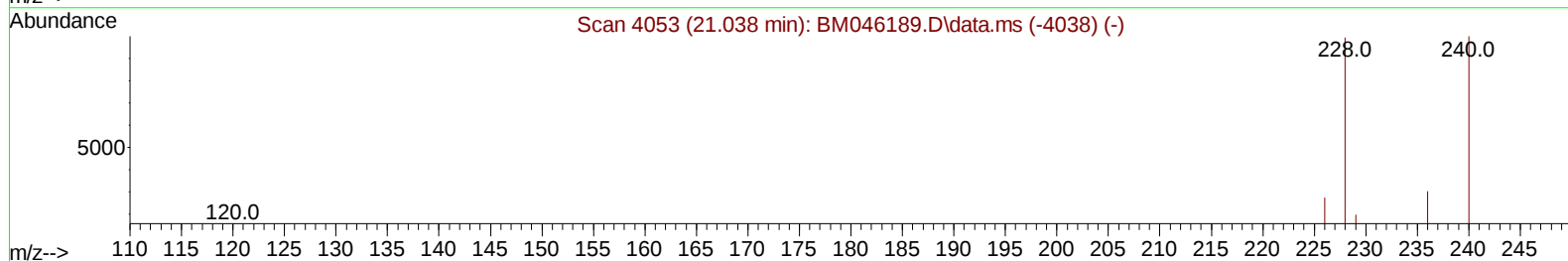
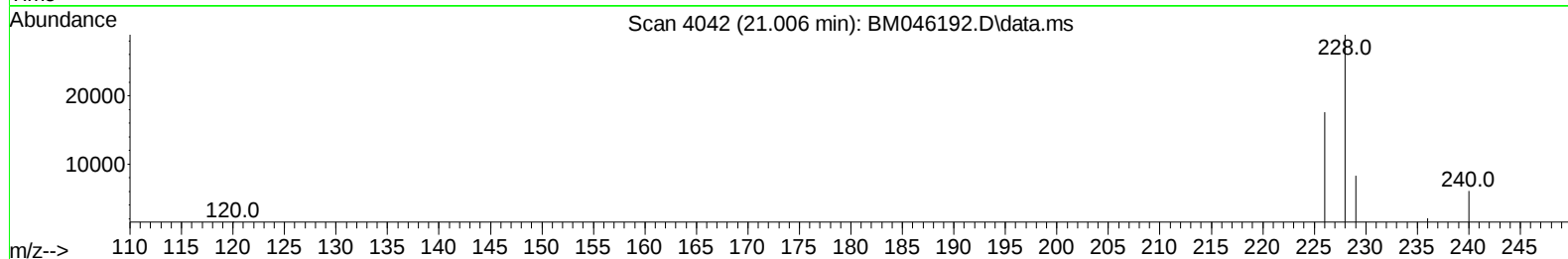
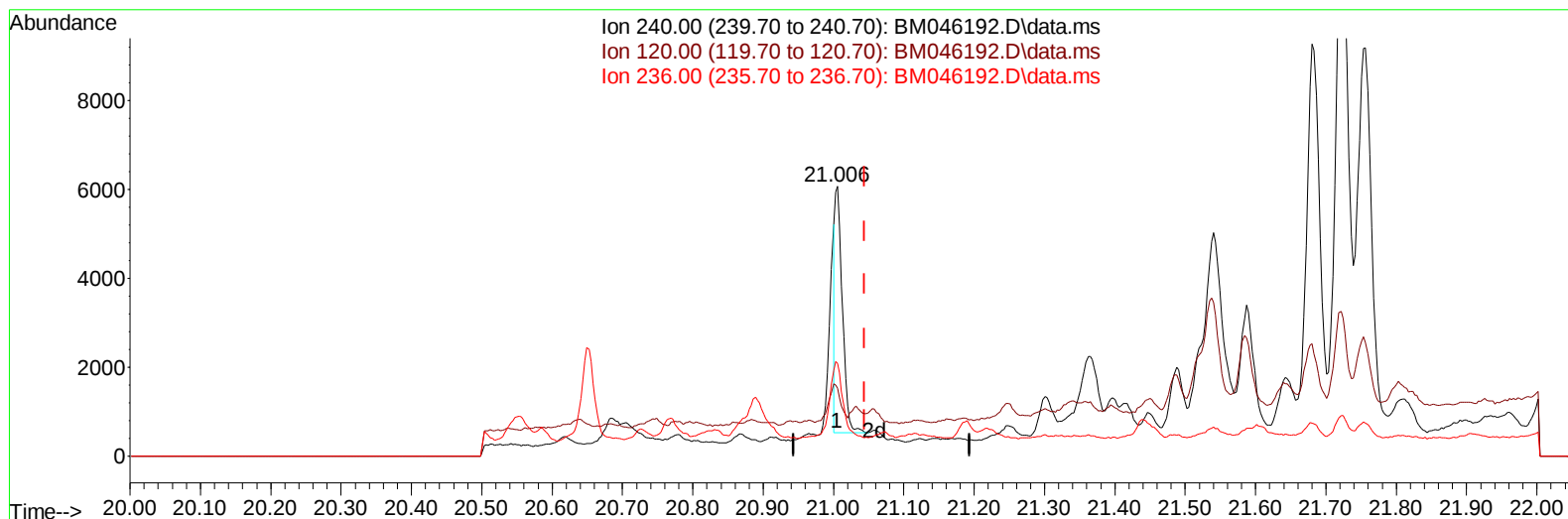
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 2024
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046192.D\data.ms

(17) Chrysene-d12

21.006min (-0.038) 0.40 ng/u1

response 4140

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	25.07
236.00	33.60	34.29
0.00	0.00	0.00

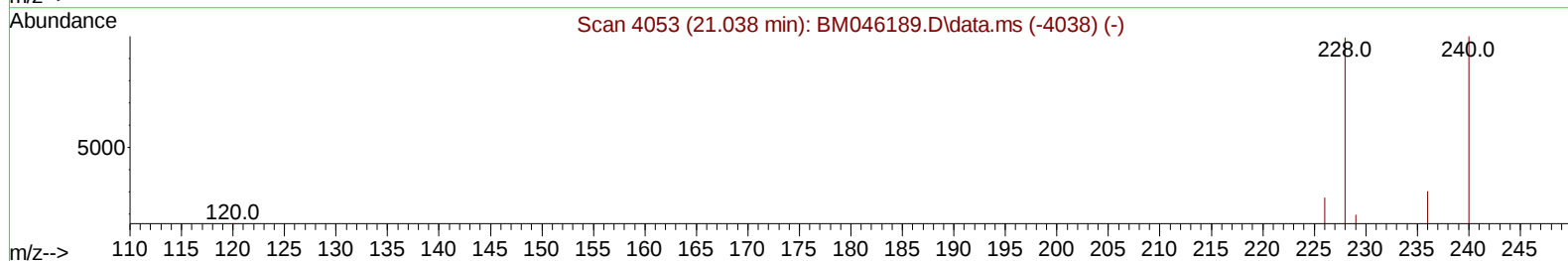
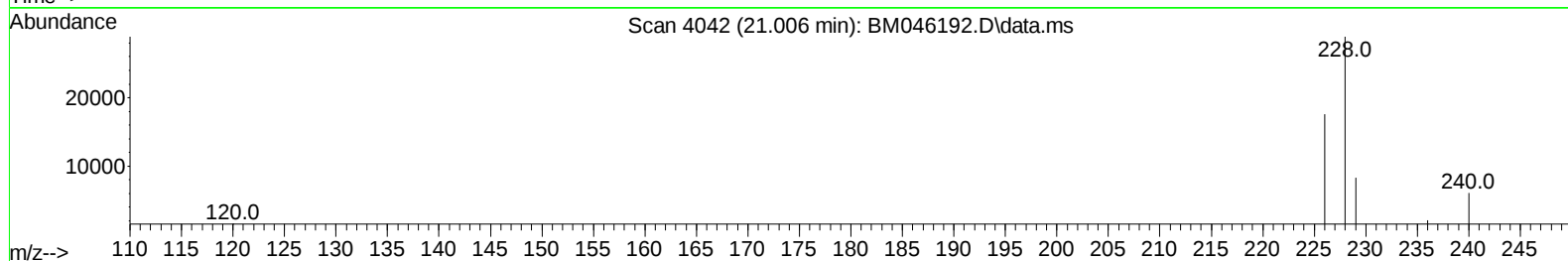
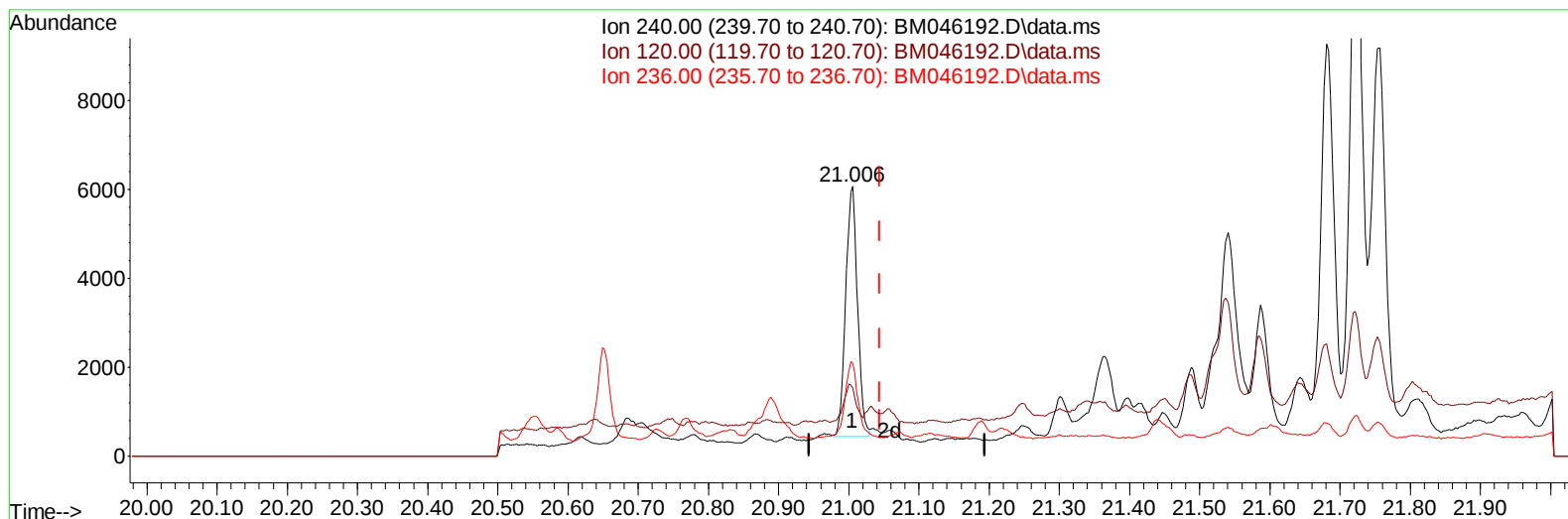
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 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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Response via : Initial Calibration

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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046192.D\data.ms

(17) Chrysene-d12

21.006min (-0.038) 0.40 ng/u1 m

response 6612

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	25.07
236.00	33.60	34.29
0.00	0.00	0.00

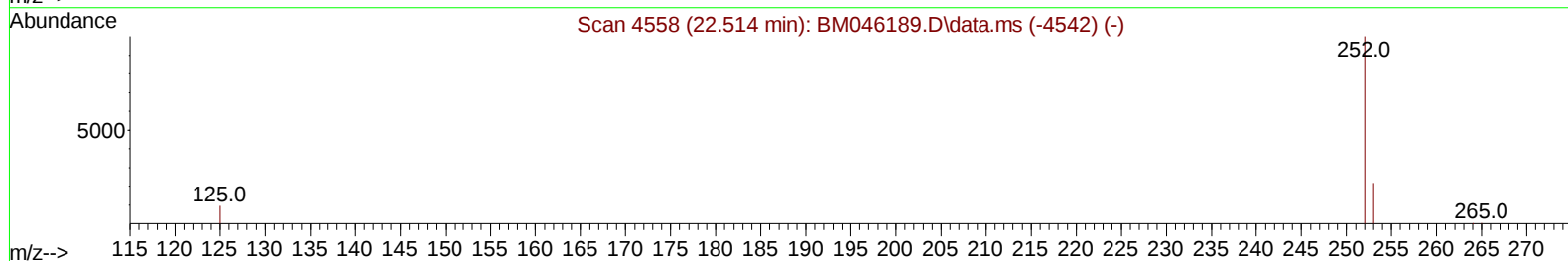
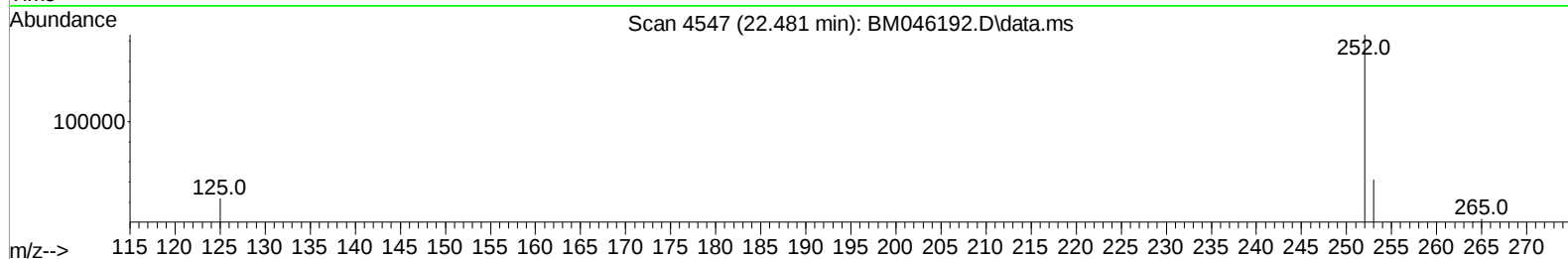
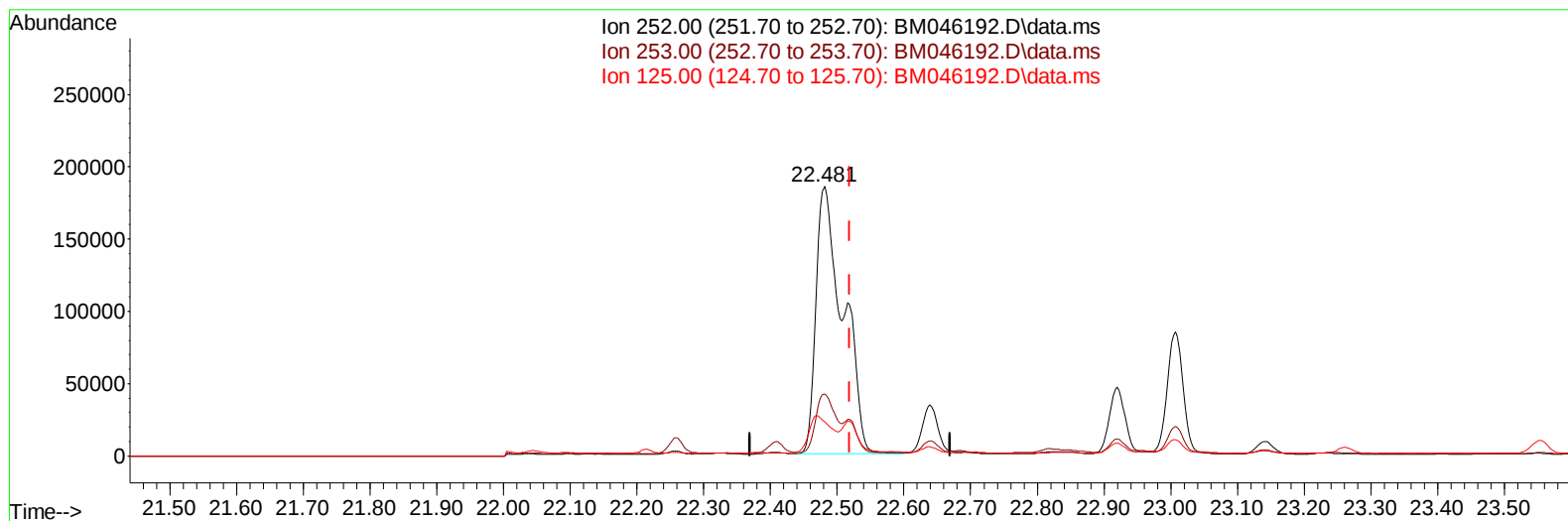
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

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TIC: BM046192.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 16.78 ng/u1

response 516341

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.92
125.00	20.10	12.68
0.00	0.00	0.00

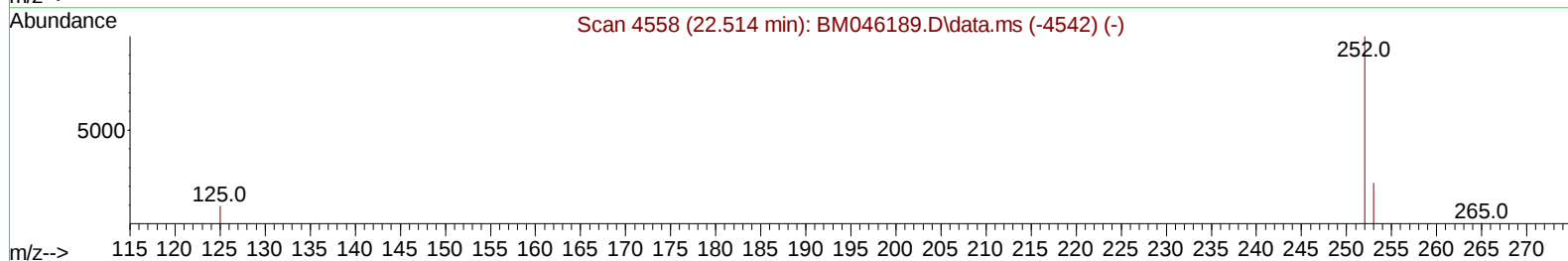
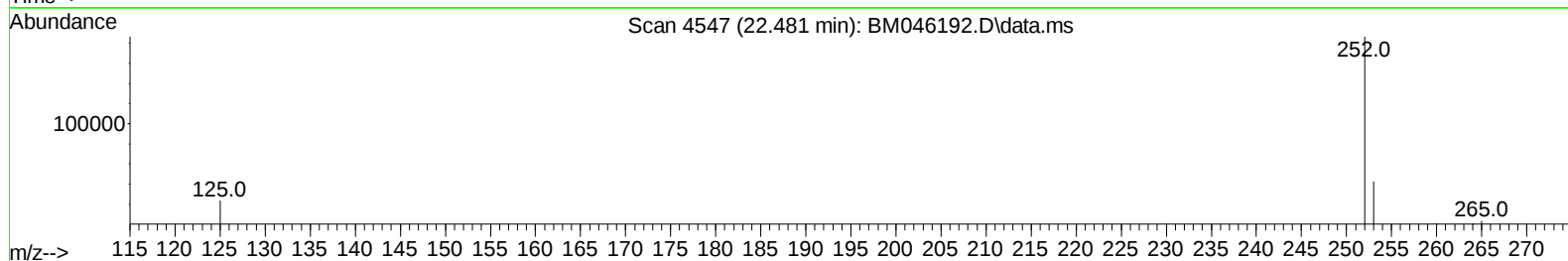
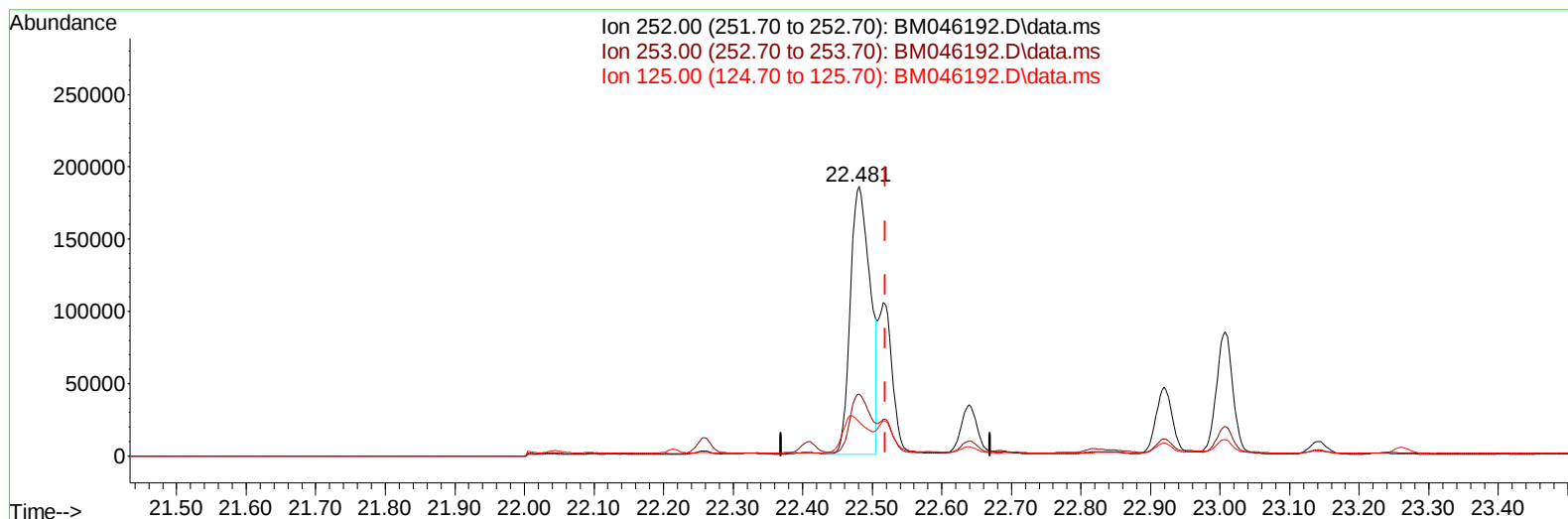
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 2024
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TIC: BM046192.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 11.88 ng/ul m

response 365564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.92
125.00	20.10	12.68
0.00	0.00	0.00

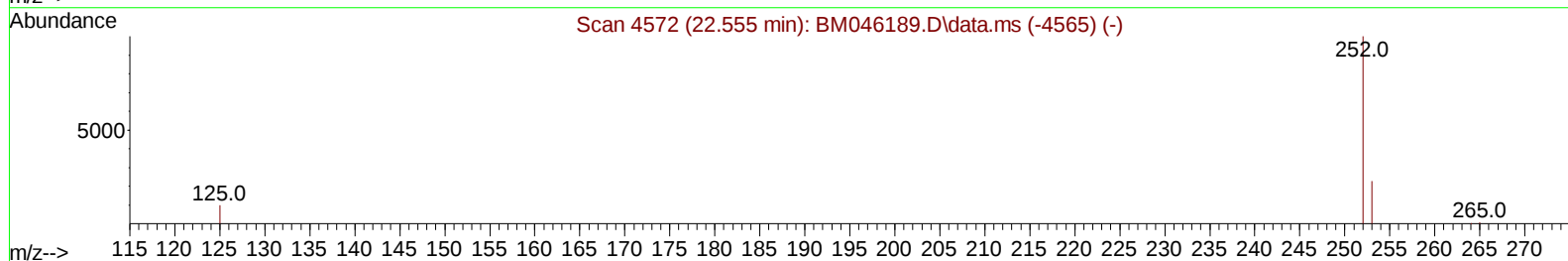
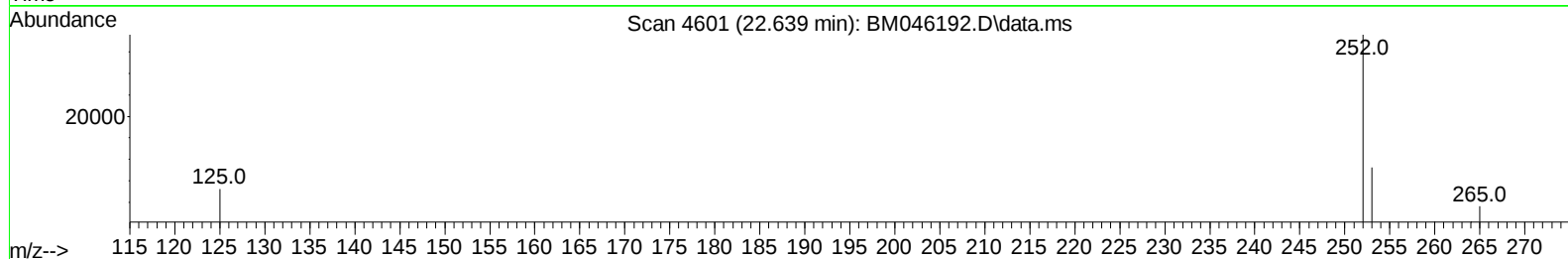
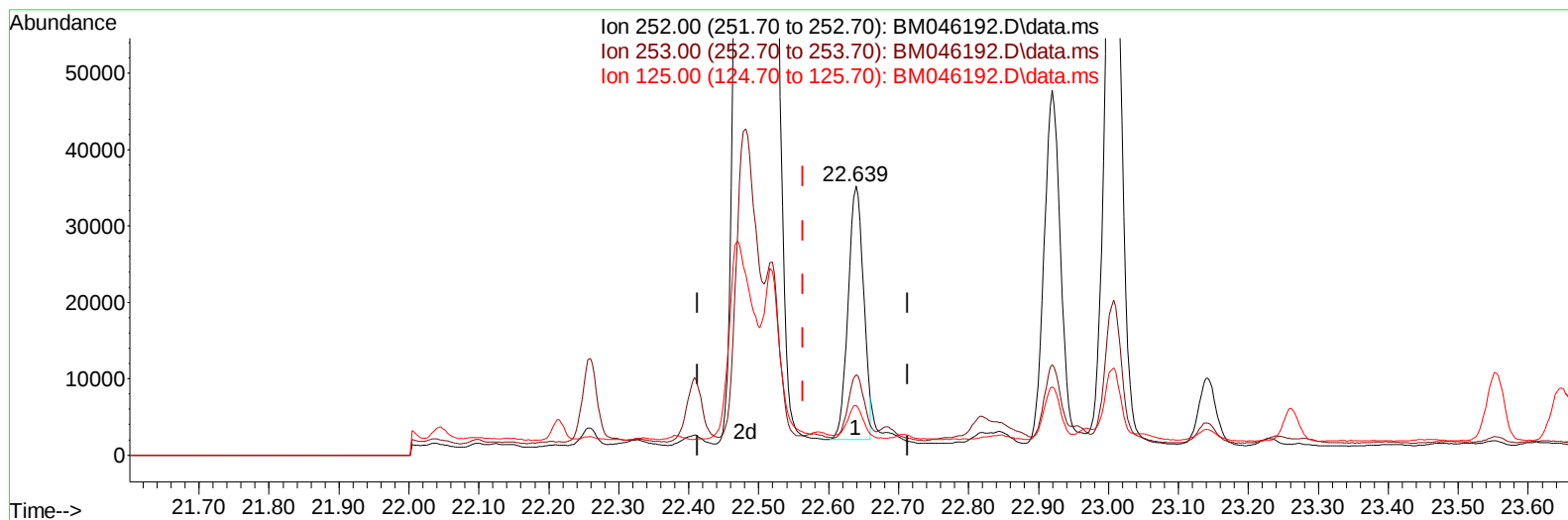
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046192.D\data.ms

(25) Benzo(k)fluoranthene

22.639min (+ 0.076) 1.40 ng/u1

response 51057

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	29.86
125.00	20.80	18.44
0.00	0.00	0.00

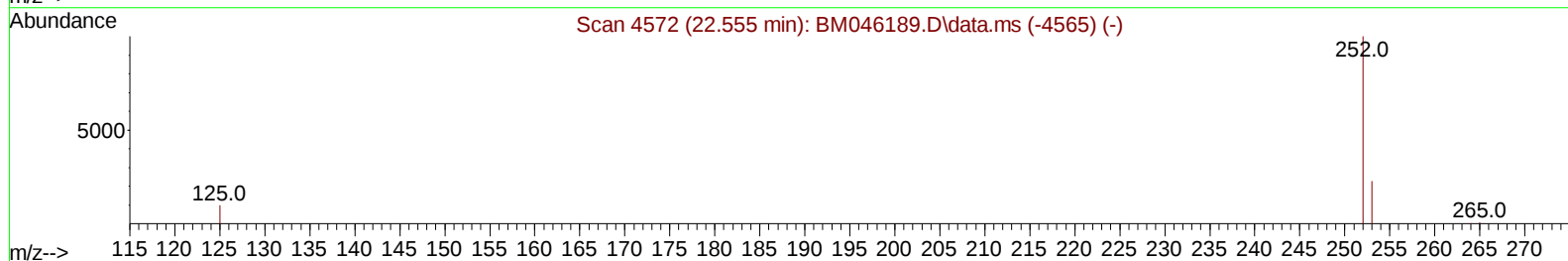
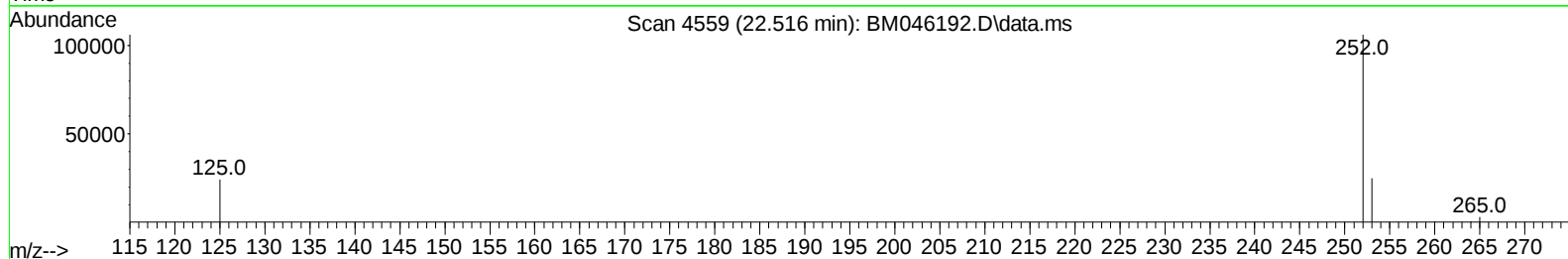
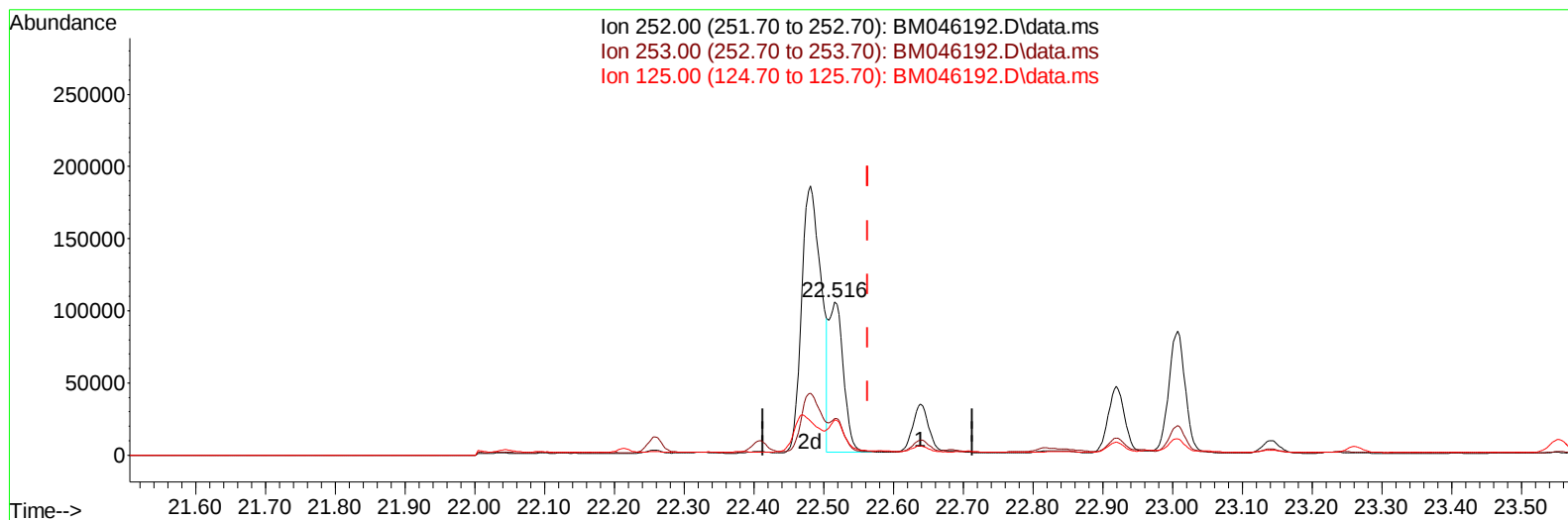
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046192.D
 Acq On : 22 Jun 2024 11:35
 Operator : MA/JU
 Sample : P2775-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C93

Manual IntegrationsAPPROVED

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TIC: BM046192.D\data.ms

(25) Benzo(k)fluoranthene

22.516min (-0.047) 4.07 ng/u1 m

response 149004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.78#
125.00	20.80	23.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046192.D
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 Operator : MA/JU
 Sample : P2775-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C93

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2376	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	7189	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.058	164	4044	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188	10069m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.006	240	6612m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	8541	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	12589	3.862	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.794	152	2902	0.301	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6671	0.337	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.233	128	14695	0.733	ng/ul	94
7) 2-Methylnaphthalene	11.866	142	5877	0.521	ng/ul	96
8) 1-Methylnaphthalene	12.086	142	4280	0.346	ng/ul	99
10) Acenaphthylene	13.776	152	34558	1.802	ng/ul	97
11) Acenaphthene	14.123	153	9387	0.678	ng/ul	99
12) Fluorene	15.117	166	12022	0.809	ng/ul	100
14) Pentachlorophenol	16.483	266	227	0.075	ng/ul	96
15) Phenanthrene	16.842	178	282771m	9.996	ng/ul	
16) Anthracene	16.934	178	59653m	2.831	ng/ul	
19) Fluoranthene	18.867	202	545350	19.049	ng/ul	96
20) Pyrene	19.230	202	404474	13.064	ng/ul	97
21) Benzo(a)anthracene	20.985	228	250699	9.816	ng/ul	99
22) Chrysene	21.041	228	270875	8.311	ng/ul	98
24) Benzo(b)fluoranthene	22.481	252	365564m	11.880	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	149004m	4.073	ng/ul	
26) Benzo(a)pyrene	23.007	252	140366	4.923	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.142	276	142959	3.063	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.145	278	48996	1.410	ng/ul#	91
29) Benzo(g,h,i)perylene	25.762	276	20637	0.516	ng/ul	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
Operator : MA/JU
Sample : P2775-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C93

Manual IntegrationsAPPROVED

Quant Time: Jun 22 12:39:50 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

