

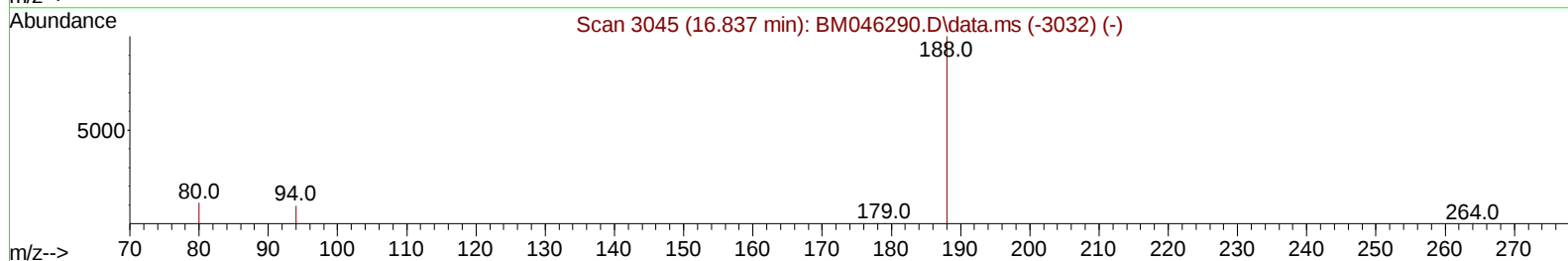
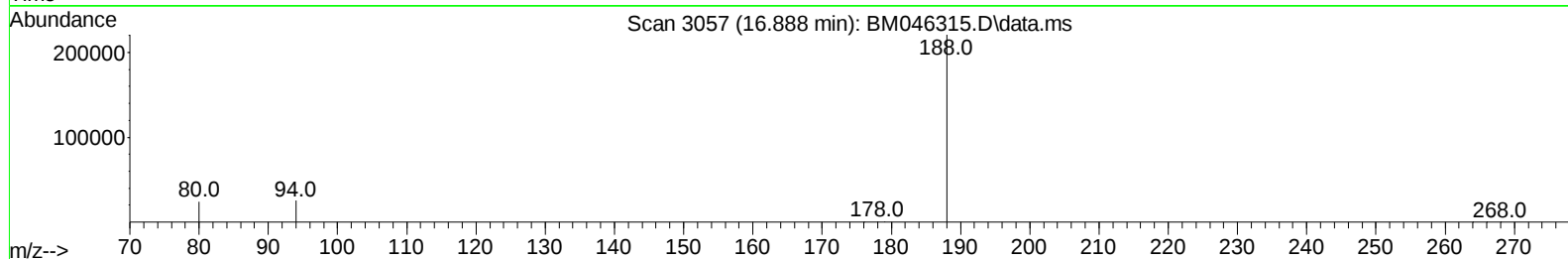
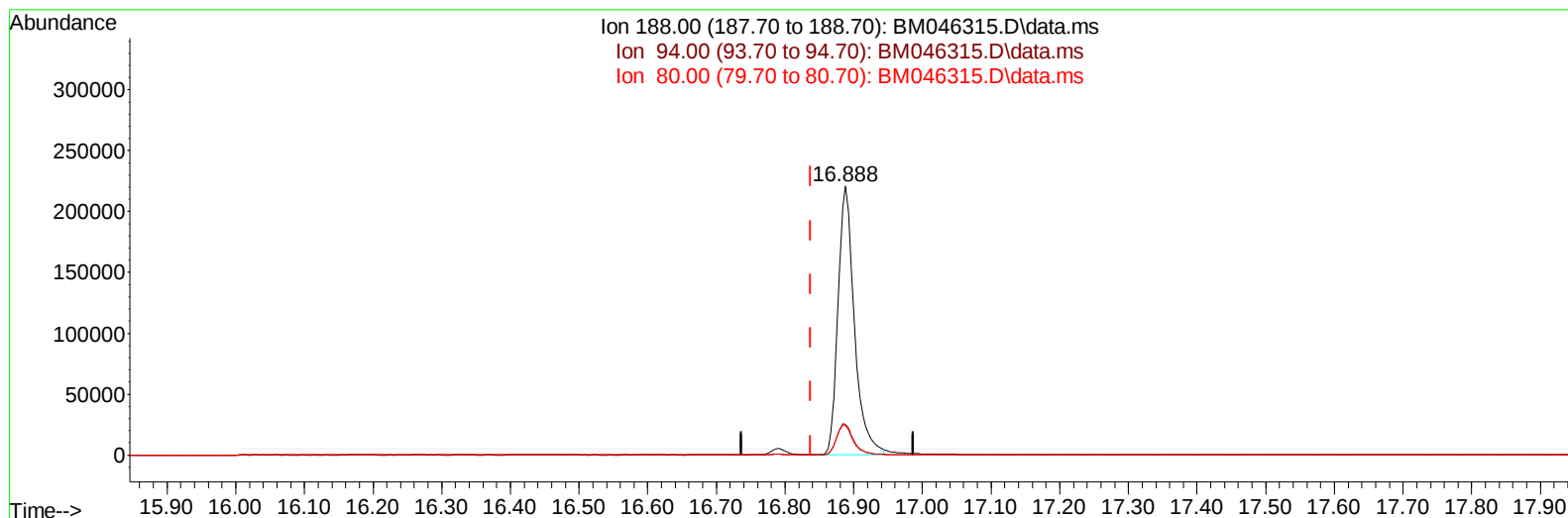
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

Quant Time: Jun 26 06:35:06 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 : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

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



TIC: BM046315.D\data.ms

(13) Phenanthrene-d10 (I)

16.888min (+ 0.051) 0.40 ng/u1

response 365858

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.49
80.00	15.20	10.99#
0.00	0.00	0.00

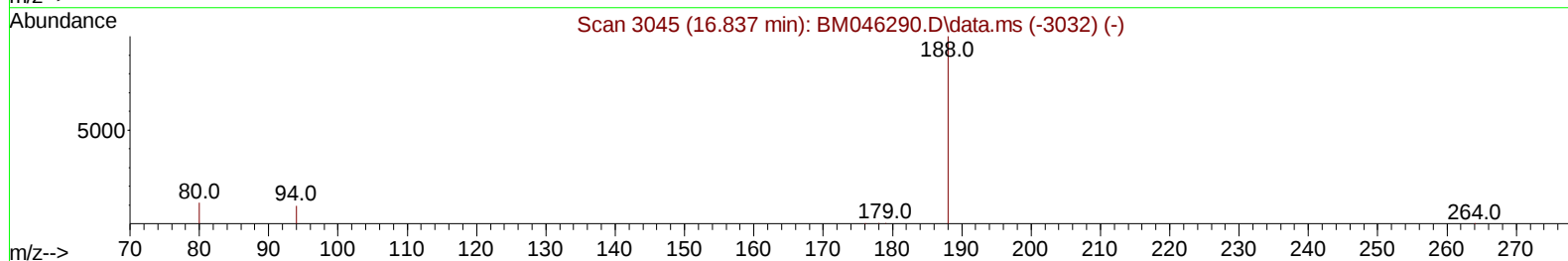
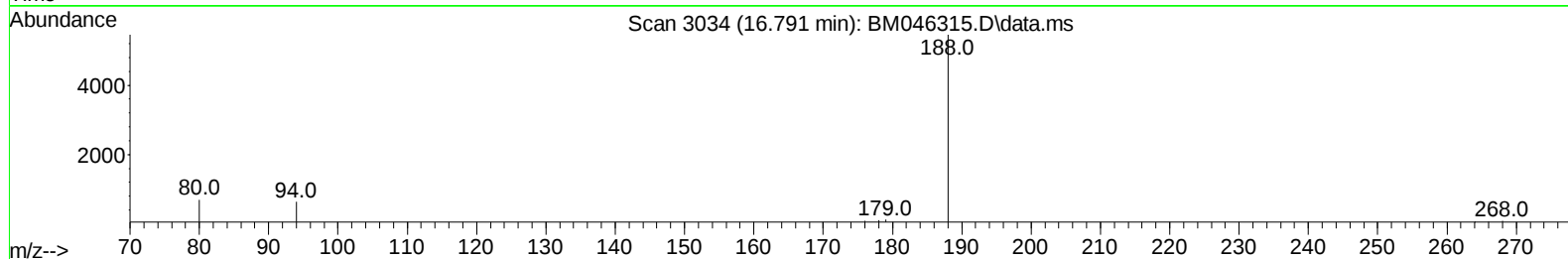
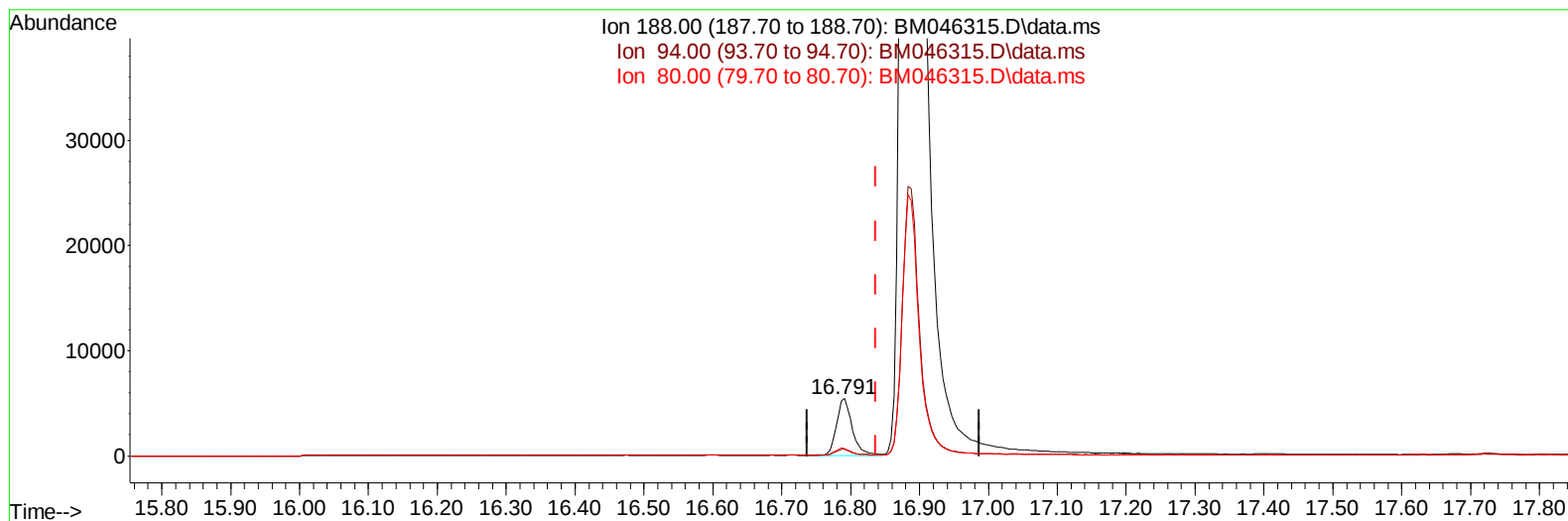
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
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Misc :
ALS Vial : 76 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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TIC: BM046315.D\data.ms

(13) Phenanthrene-d10 (I)

16.791min (-0.046) 0.40 ng/u1 m

response 8558

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.65
80.00	15.20	12.77
0.00	0.00	0.00

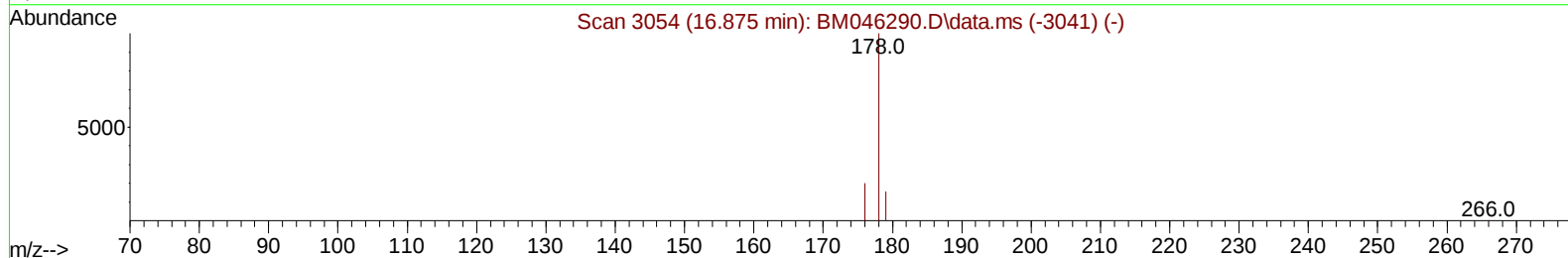
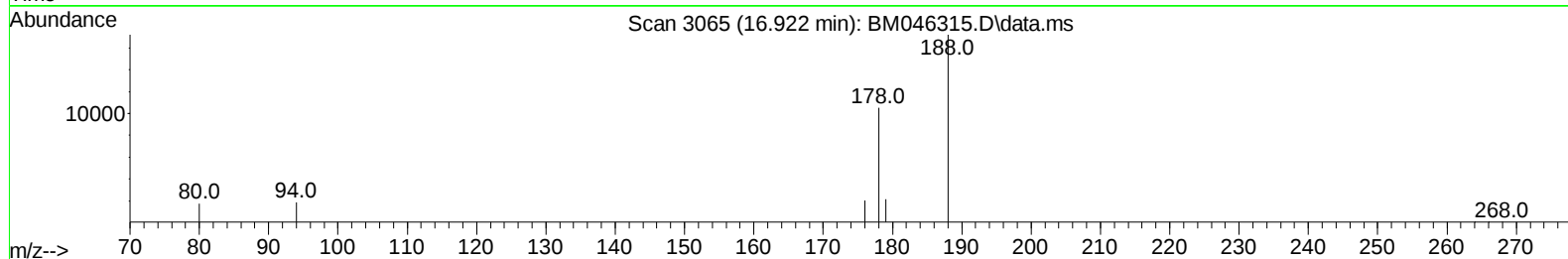
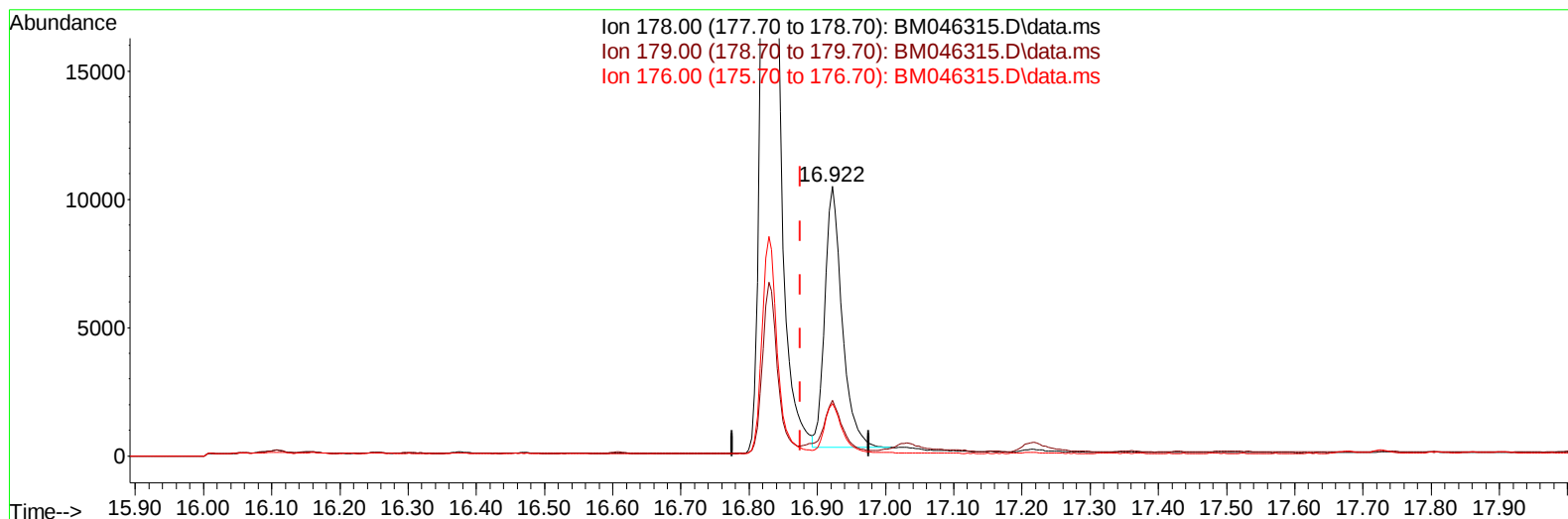
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(15) Phenanthrene

16.922min (+ 0.046) 0.74 ng/u1

response 17838

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	20.58
176.00	21.40	19.39
0.00	0.00	0.00

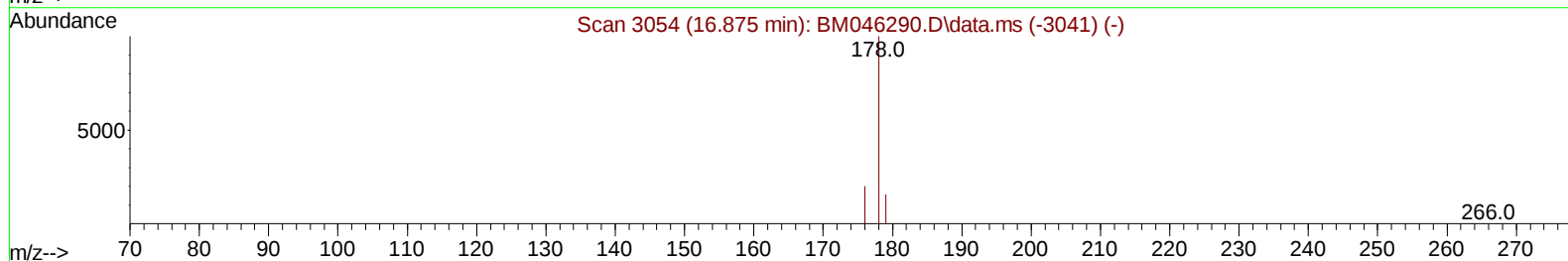
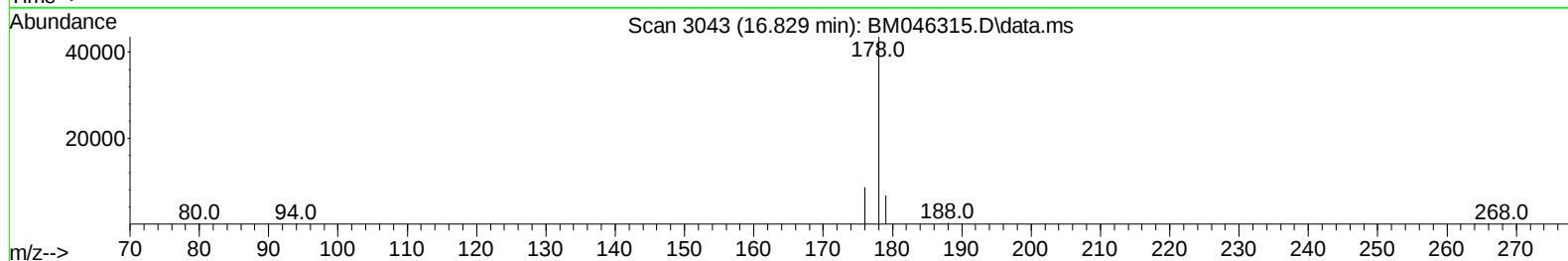
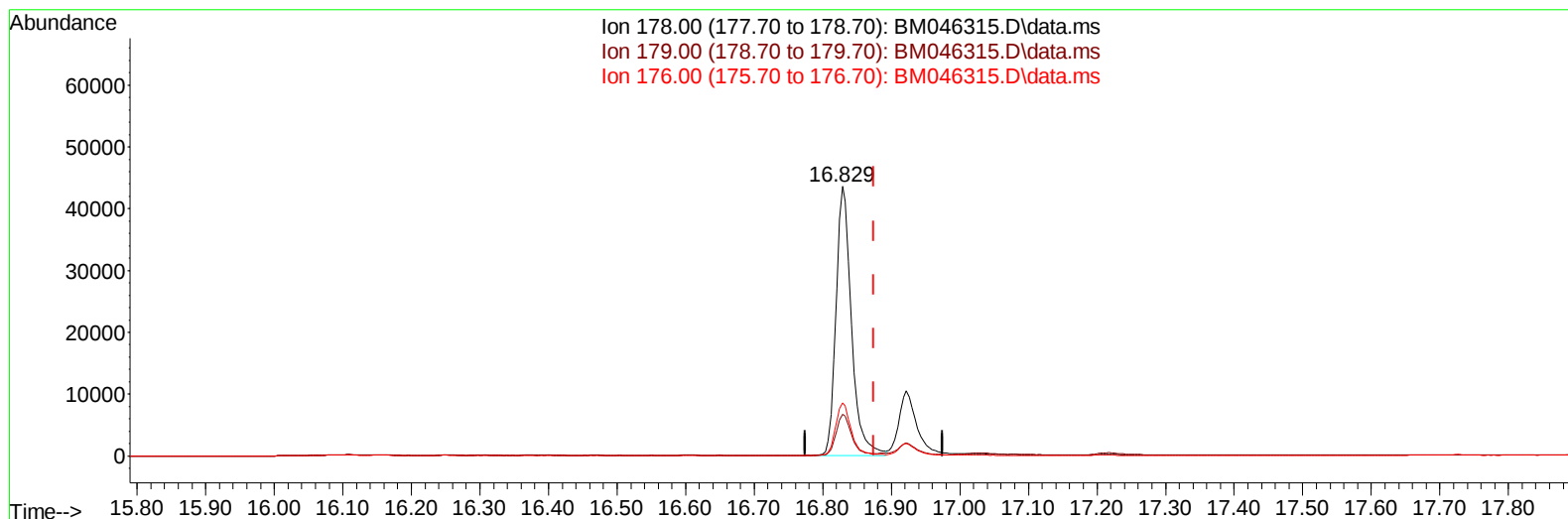
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(15) Phenanthrene

16.829min (-0.046) 2.83 ng/u1 m

response 68013

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.52
176.00	21.40	19.61
0.00	0.00	0.00

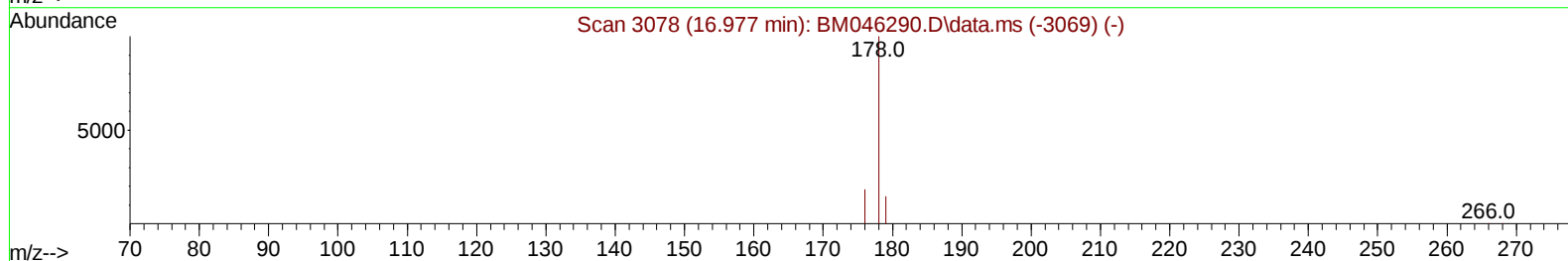
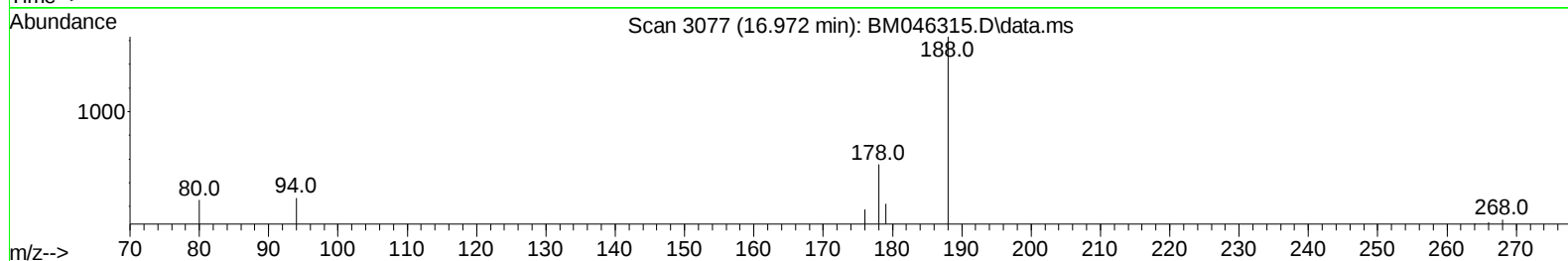
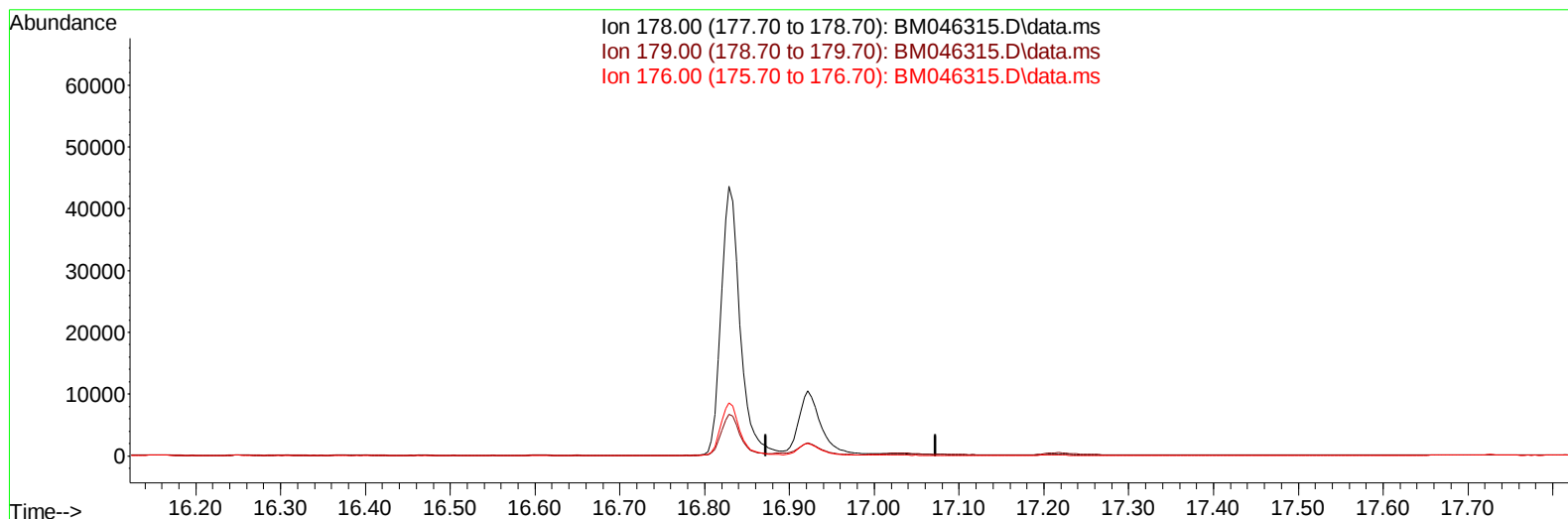
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(16) Anthracene

16.972min (-16.972) 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

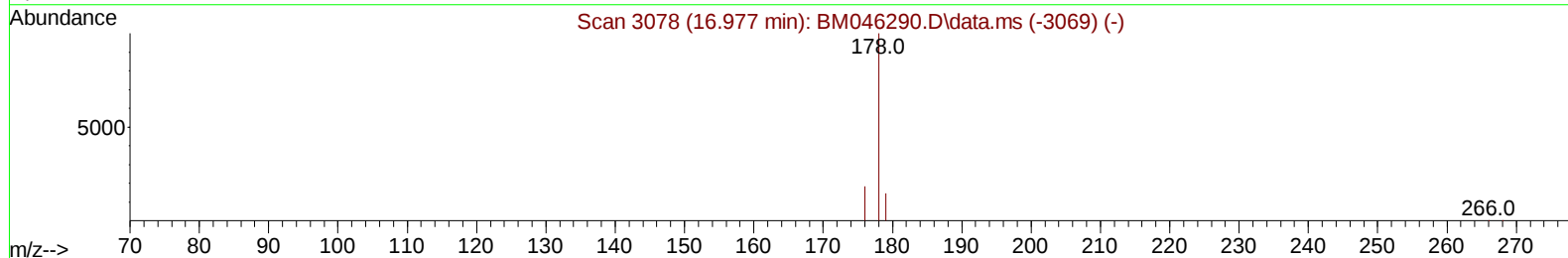
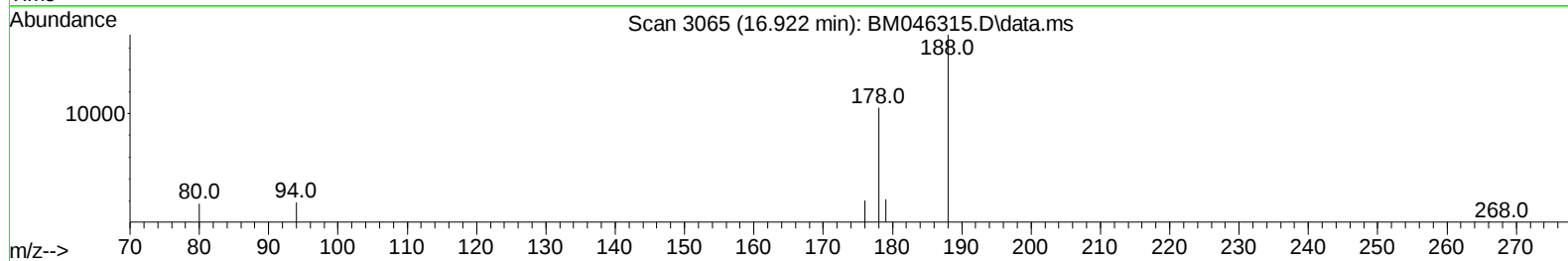
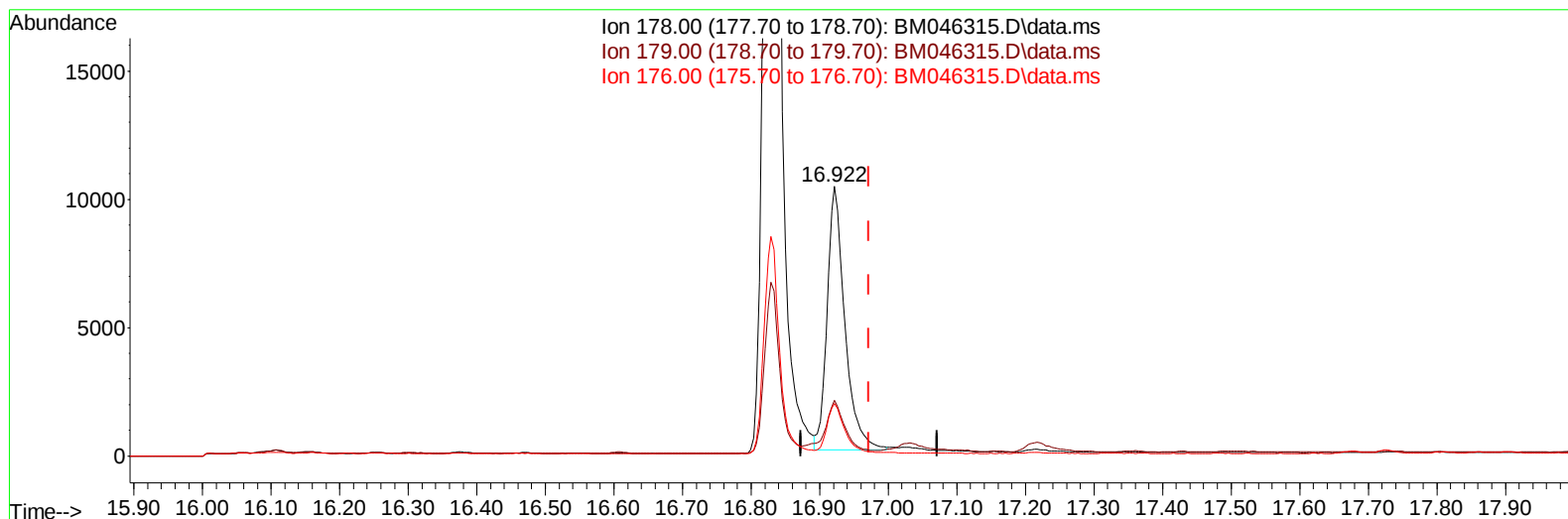
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(16) Anthracene

16.922min (-0.051) 1.03 ng/u1 m

response 18395

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	20.58
176.00	21.20	19.39
0.00	0.00	0.00

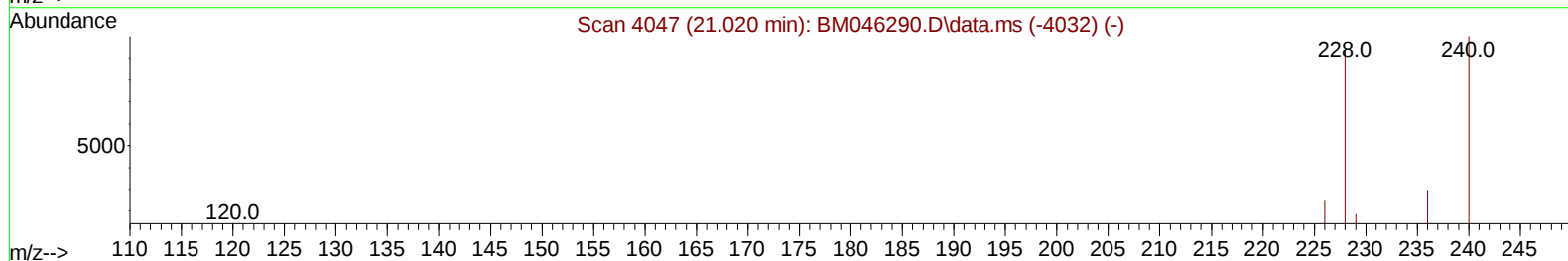
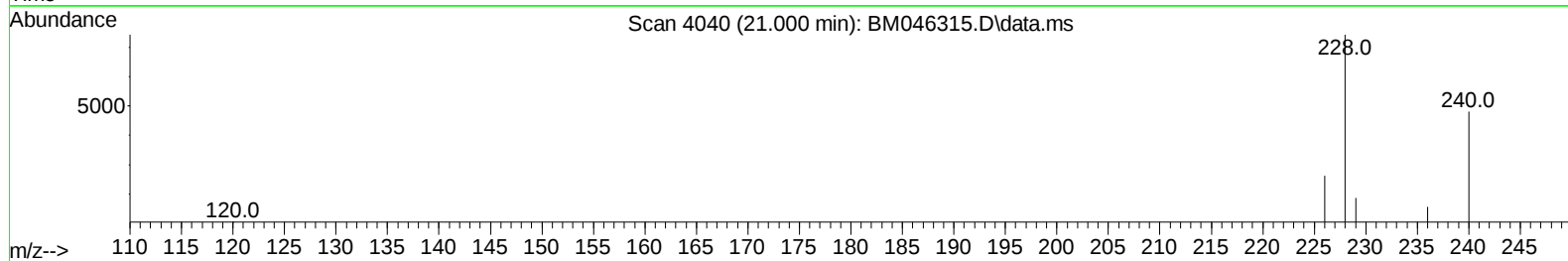
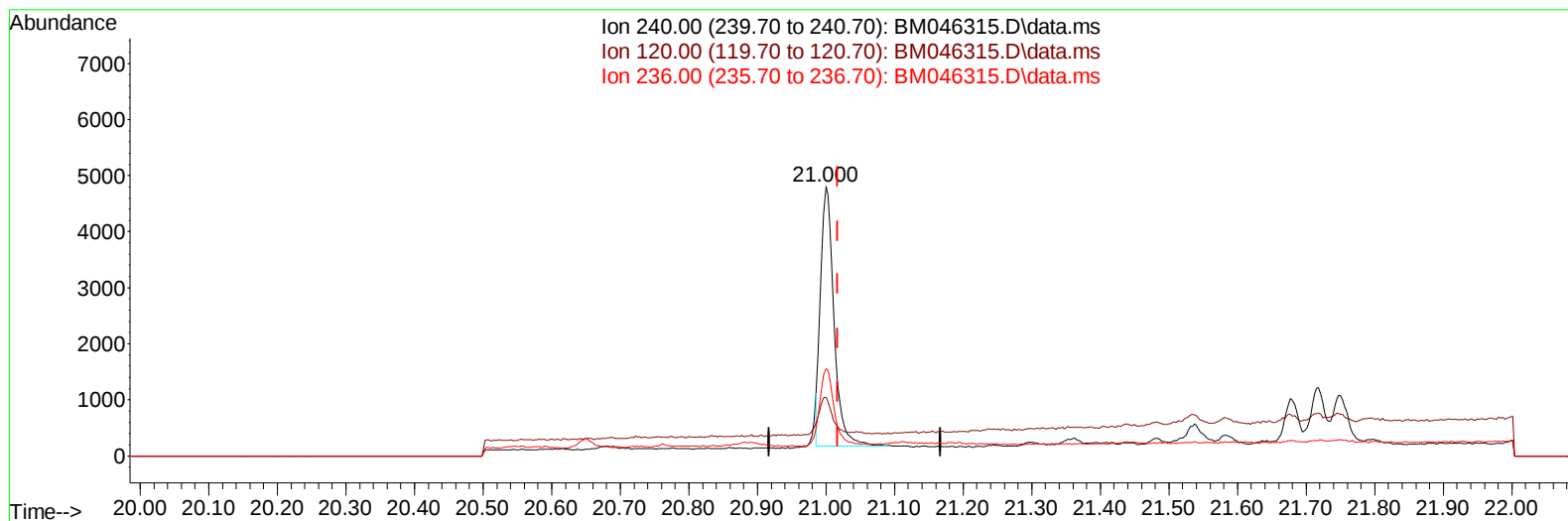
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
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A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(17) Chrysene-d12

21.000min (-0.017) 0.40 ng/u1

response 6339

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.72
236.00	33.60	32.38
0.00	0.00	0.00

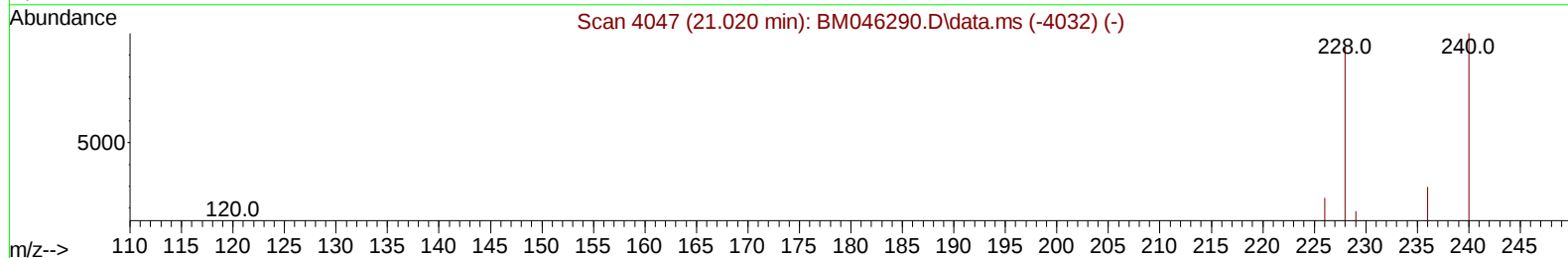
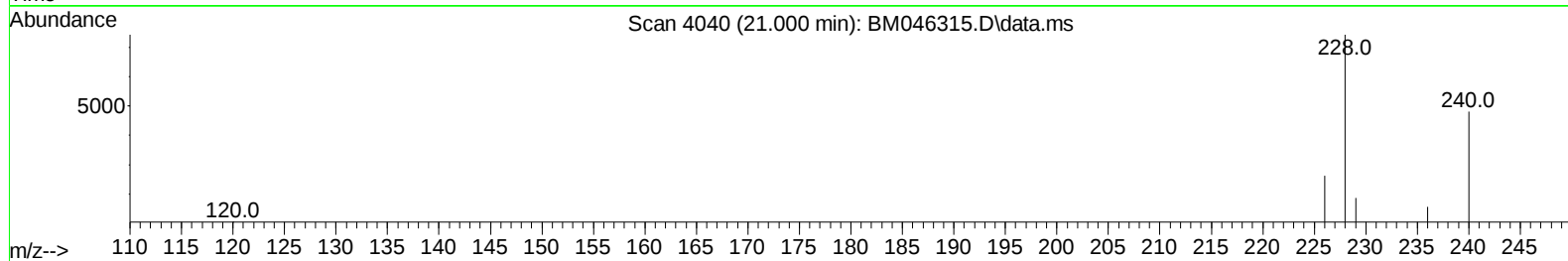
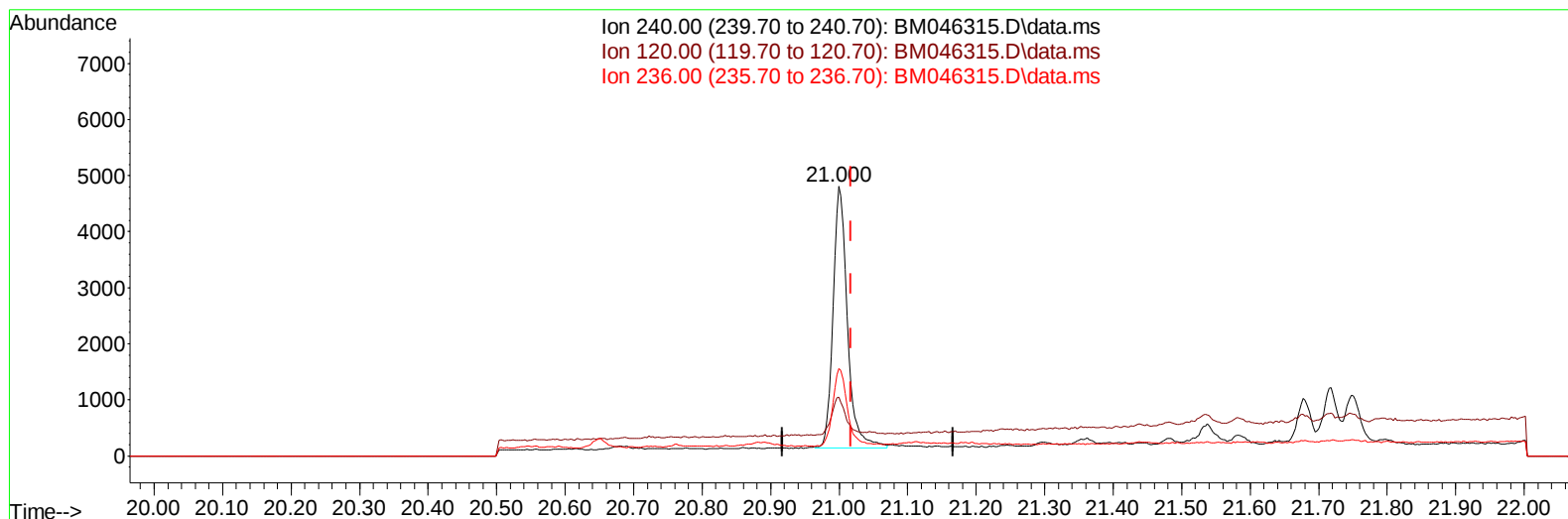
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

Quant Time: Jun 26 06:35:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046315.D\data.ms

(17) Chrysene-d12

21.000min (-0.017) 0.40 ng/ul m

response 6790

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.72
236.00	33.60	32.38
0.00	0.00	0.00

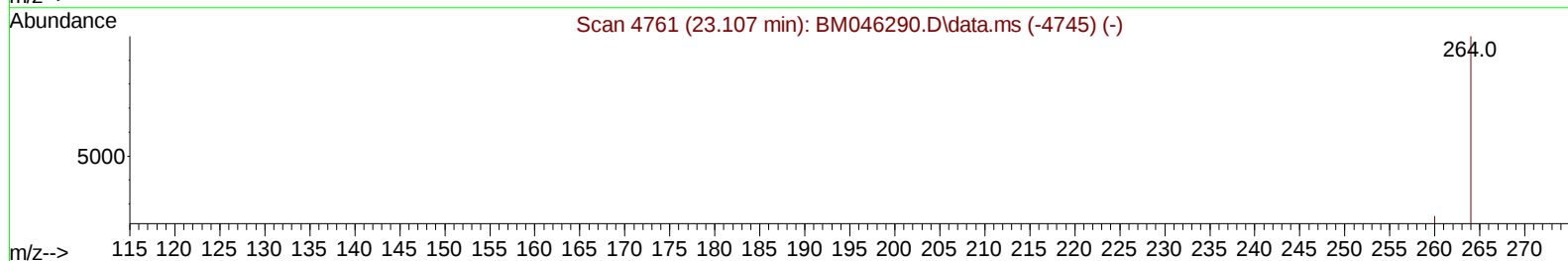
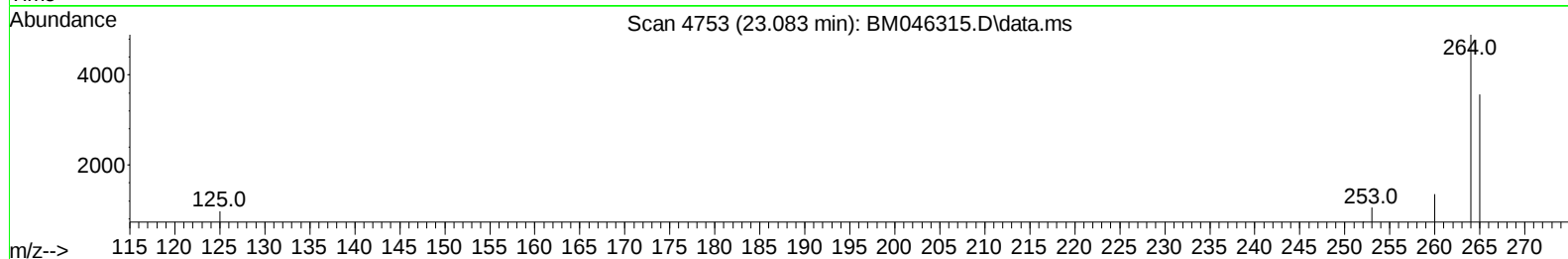
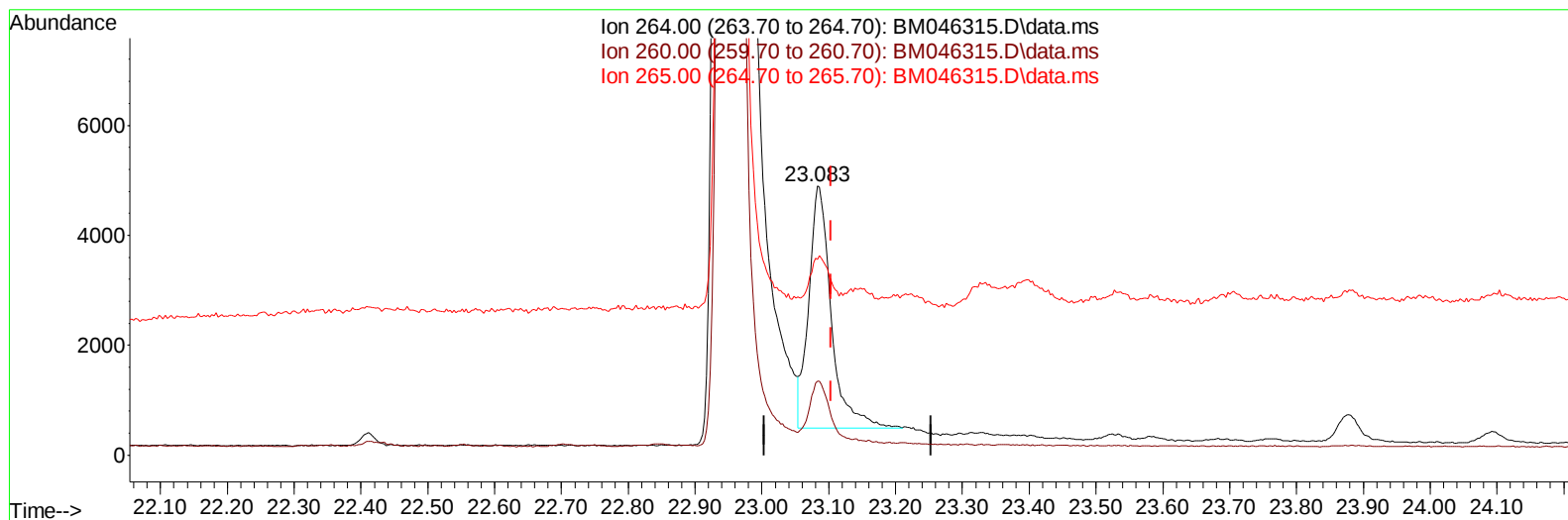
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.020) 0.40 ng/u1

response 10317

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.42
265.00	110.60	72.82#
0.00	0.00	0.00

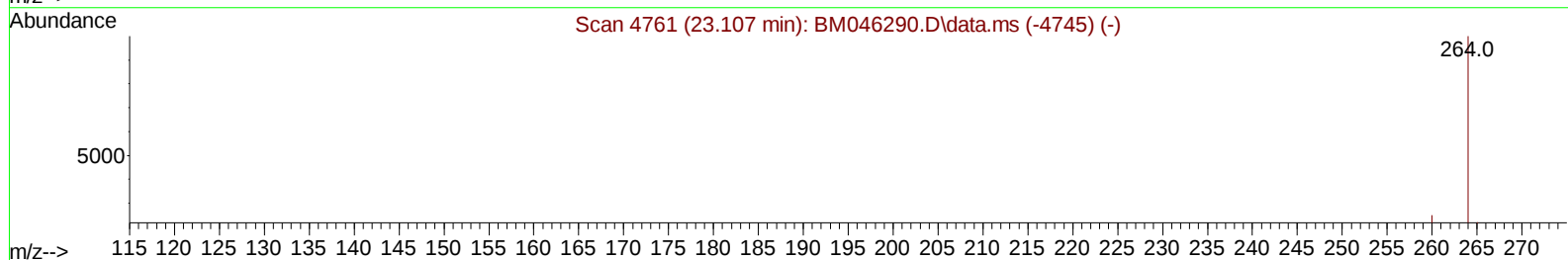
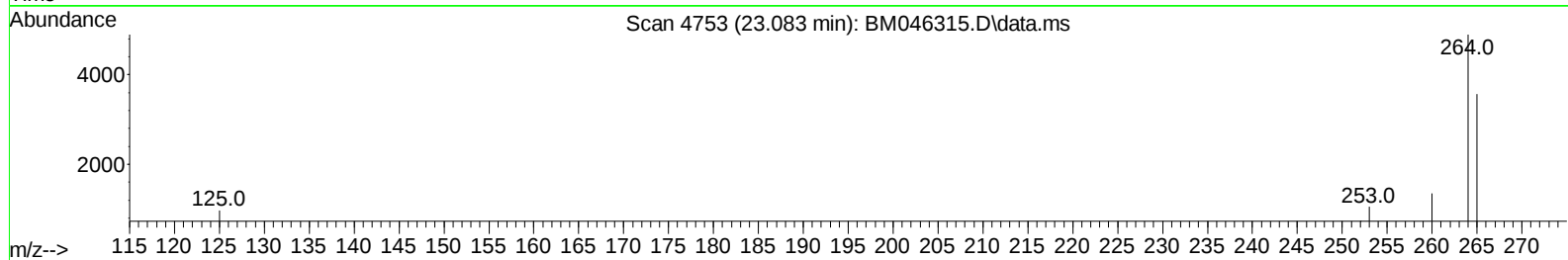
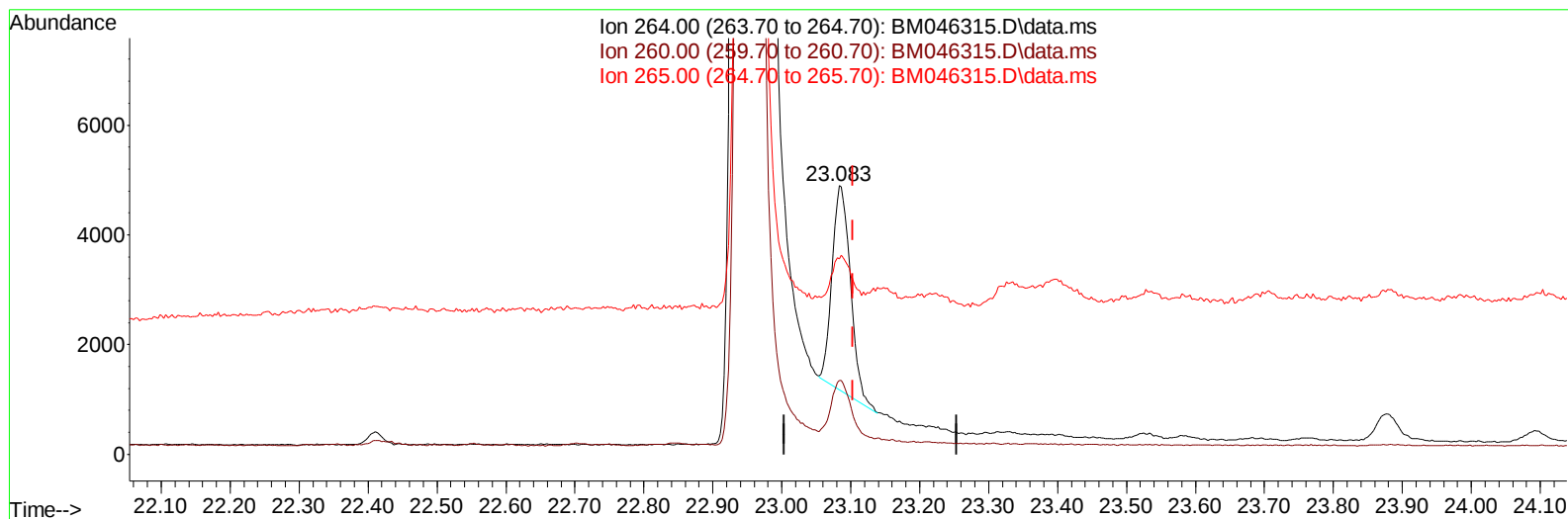
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.020) 0.40 ng/u1 m

response 6867

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.42
265.00	110.60	72.82#
0.00	0.00	0.00

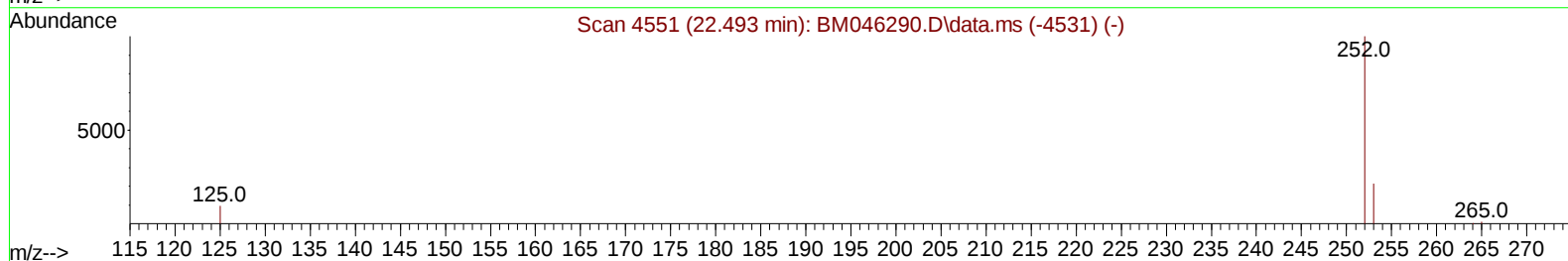
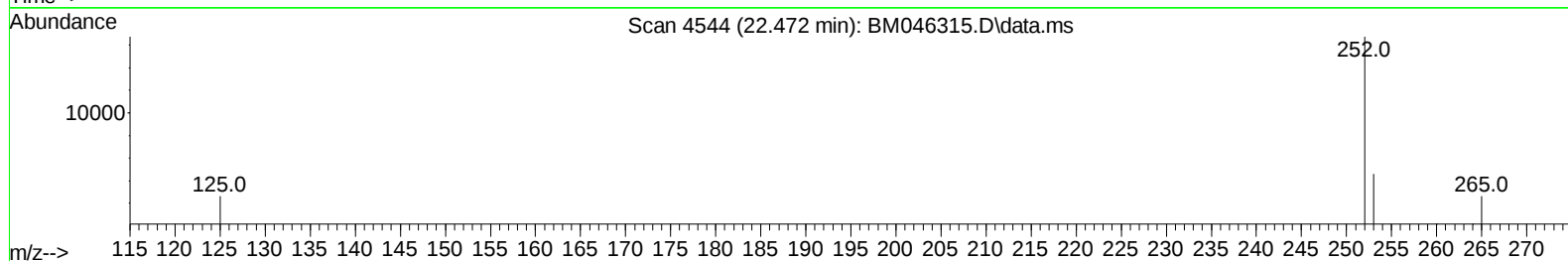
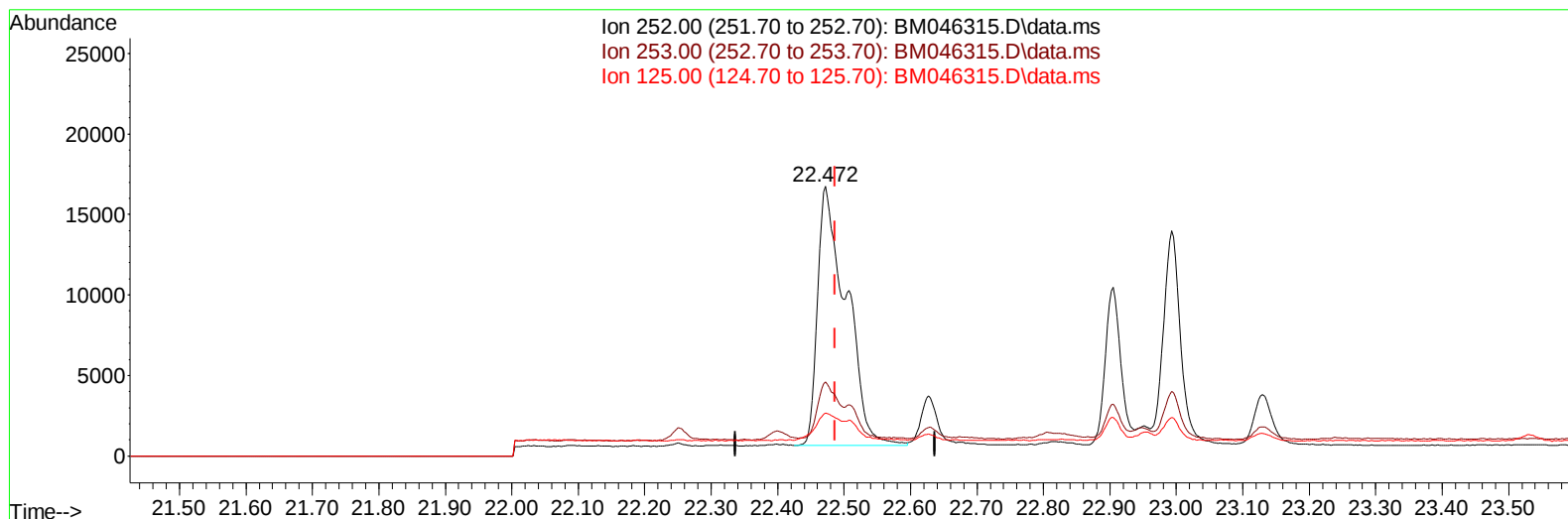
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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TIC: BM046315.D\data.ms

(24) Benzo(b)fluoranthene

22.472min (-0.015) 1.95 ng/u1

response 48175

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	27.49
125.00	20.10	15.94
0.00	0.00	0.00

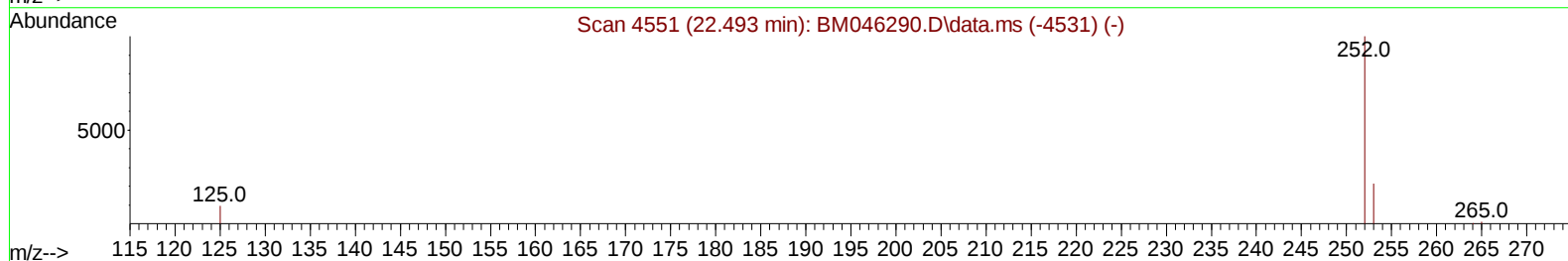
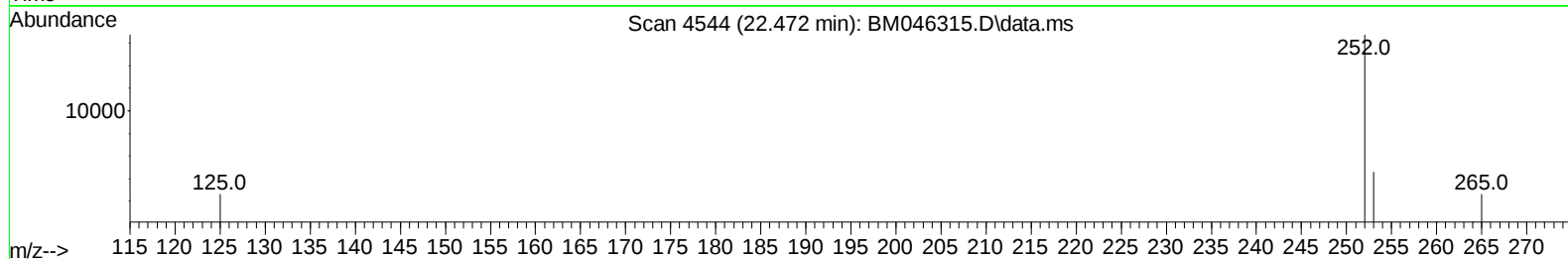
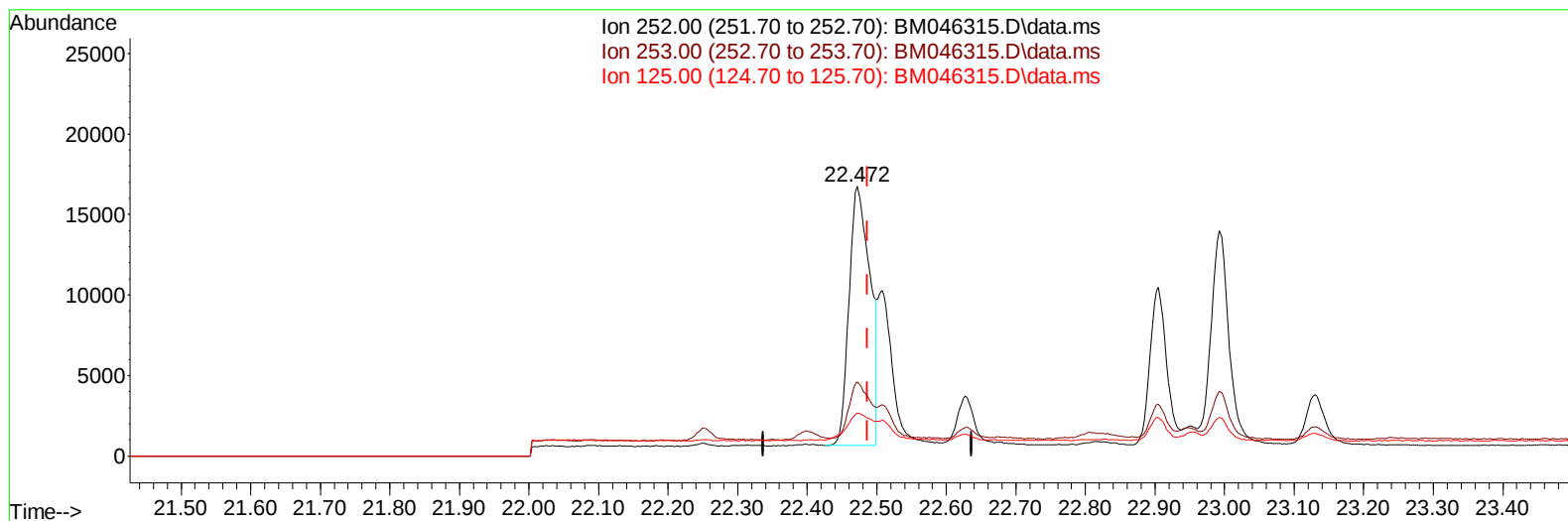
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046315.D\data.ms

(24) Benzo(b)fluoranthene

22.472min (-0.015) 1.36 ng/u1 m

response 33699

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	27.49
125.00	20.10	15.94
0.00	0.00	0.00

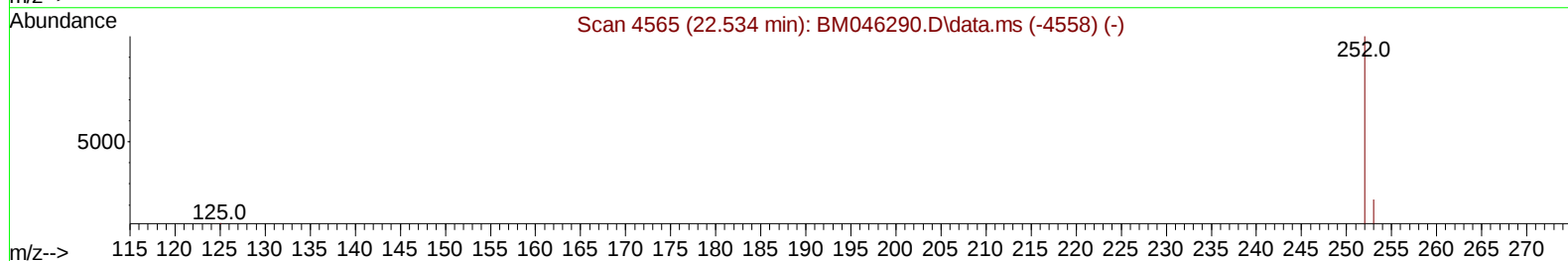
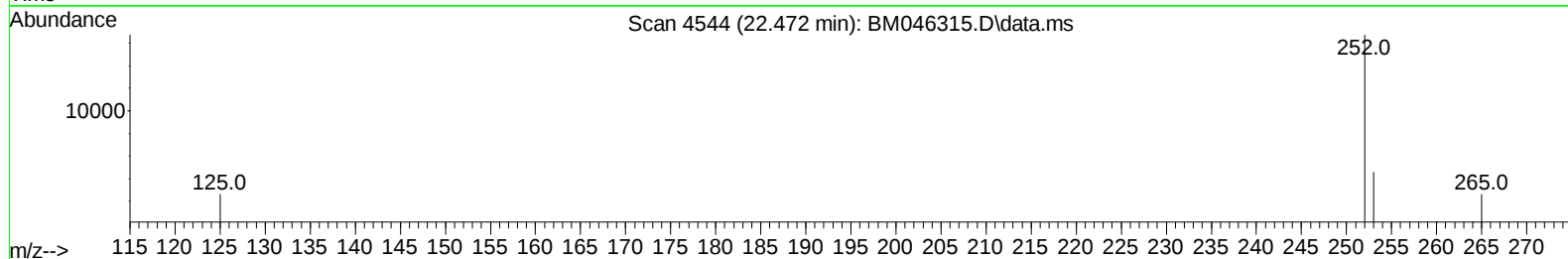
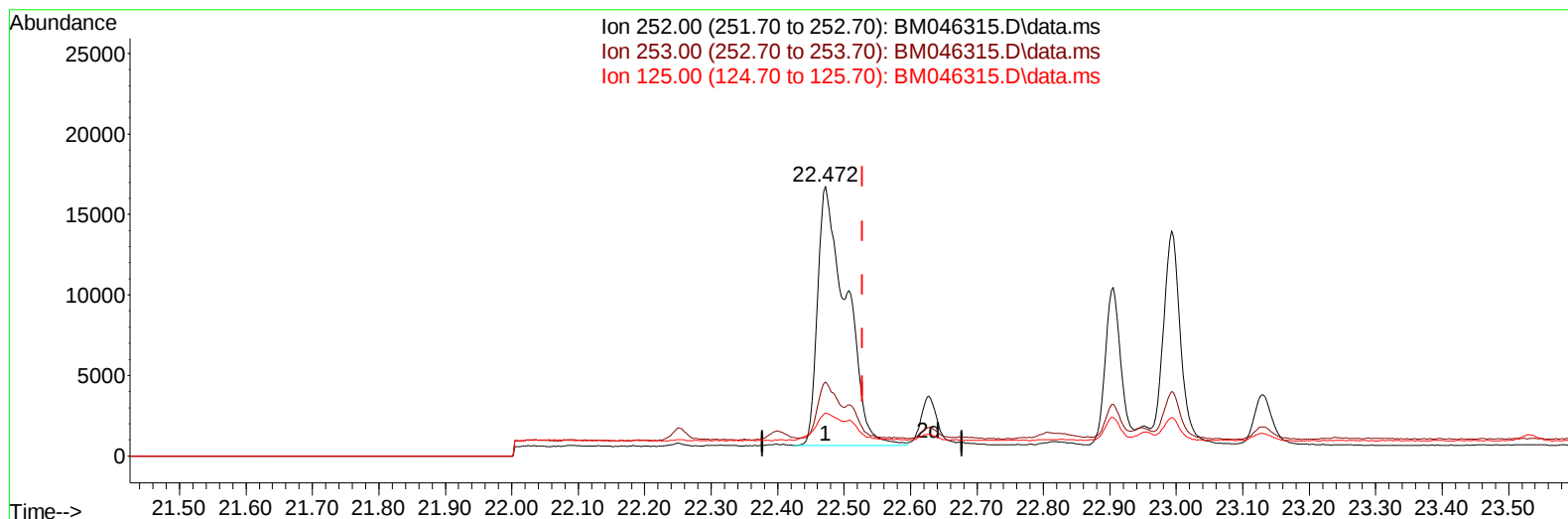
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046315.D
 Acq On : 26 Jun 2024 06:04
 Operator : MA/JU
 Sample : P2909-08
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B85

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046315.D\data.ms

(25) Benzo(k)fluoranthene

22.472min (-0.056) 1.64 ng/u1

response 48175

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	27.49
125.00	20.80	15.94#
0.00	0.00	0.00

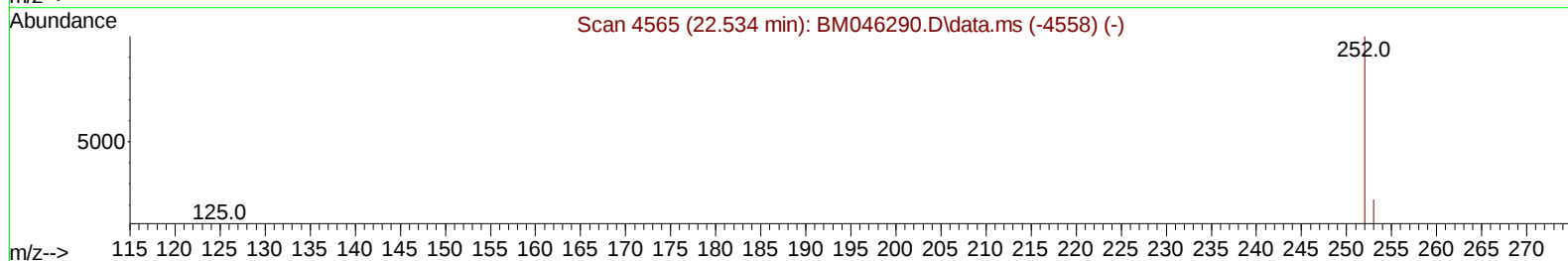
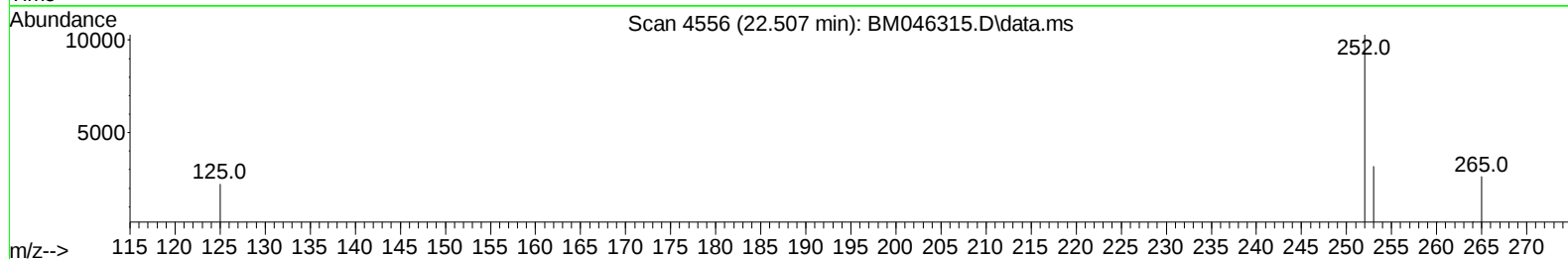
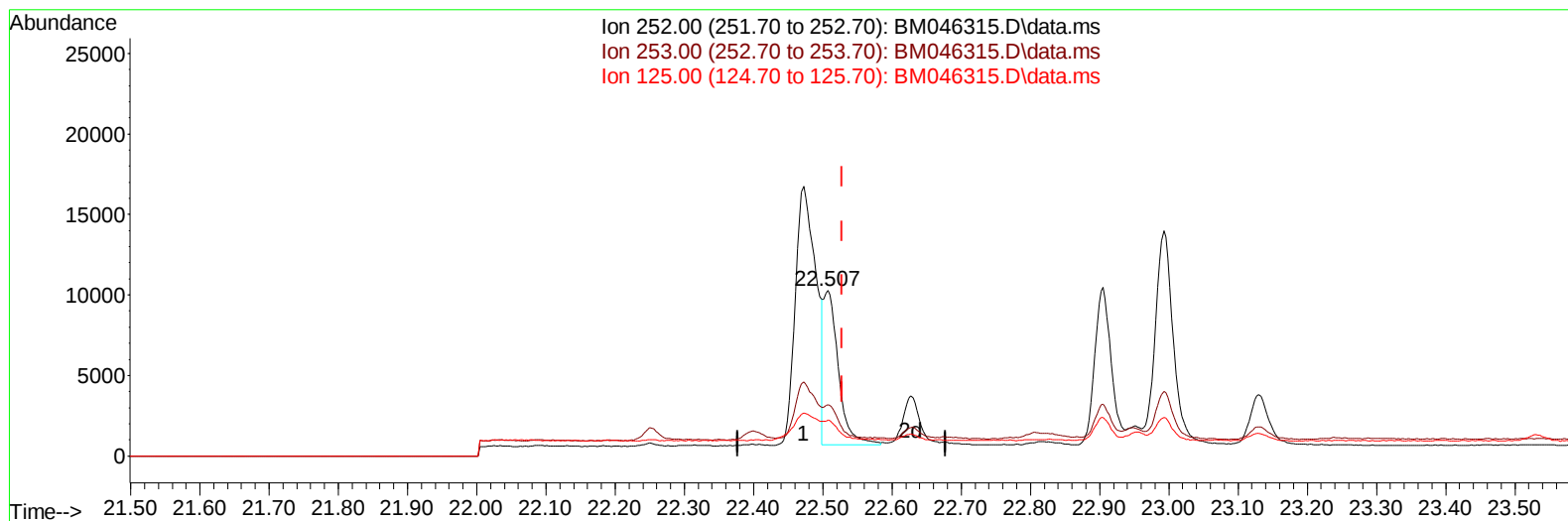
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

Quant Time: Jun 26 06:35:06 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 : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

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



TIC: BM046315.D\data.ms

(25) Benzo(k)fluoranthene

22.507min (-0.020) 0.49 ng/u1 m

response 14291

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.09
125.00	20.80	21.69
0.00	0.00	0.00

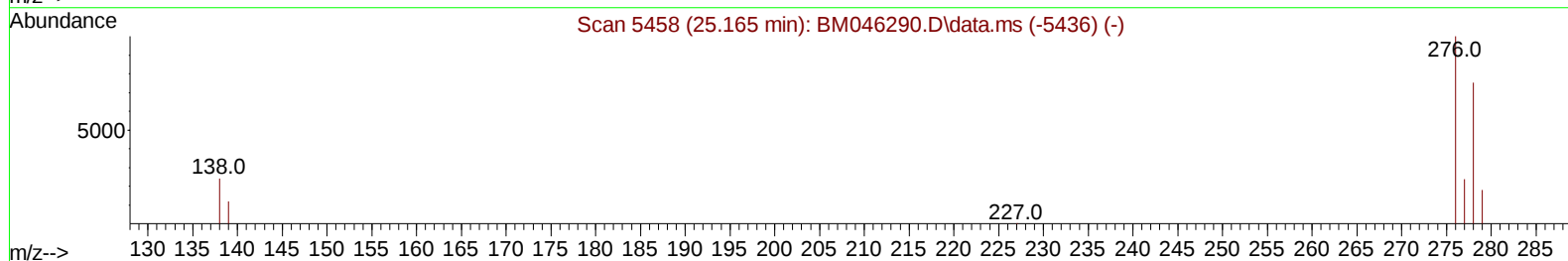
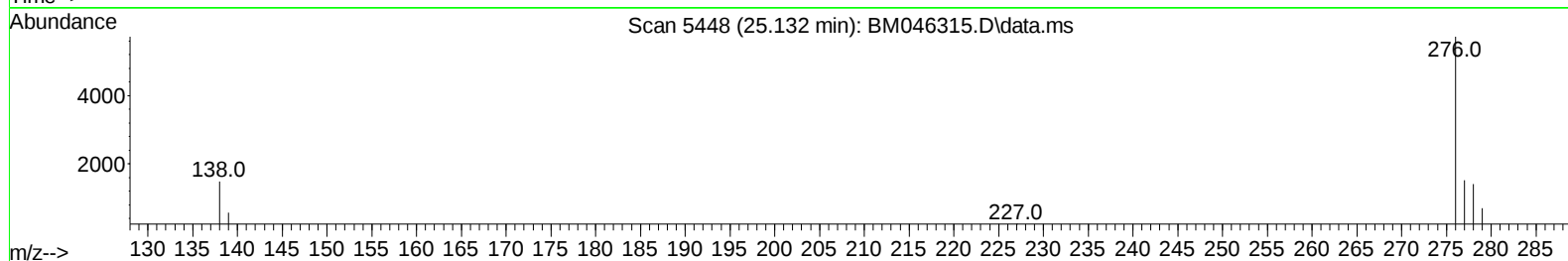
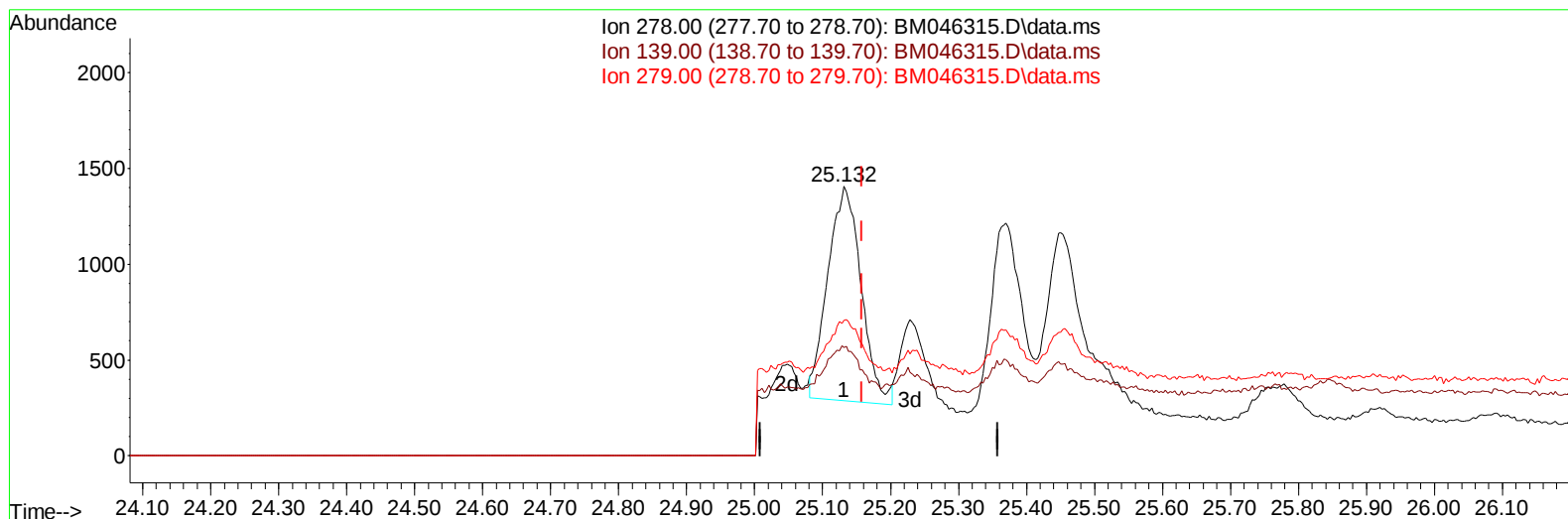
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046315.D\data.ms

(28) Dibenzo(a,h)anthracene

25.132min (-0.027) 0.14 ng/u1

response 3798

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	40.28#
279.00	32.90	50.32#
0.00	0.00	0.00

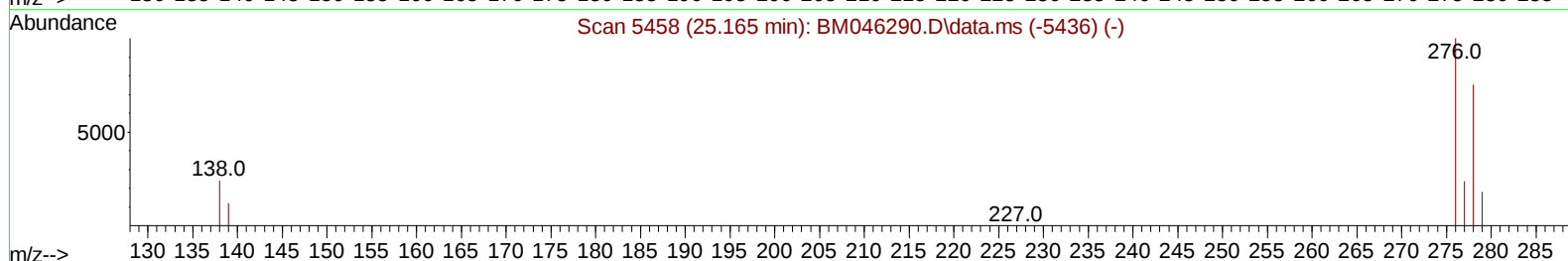
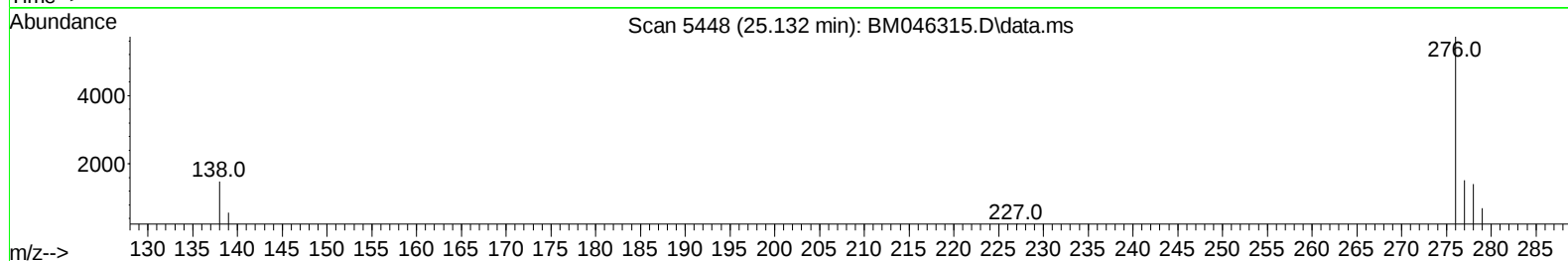
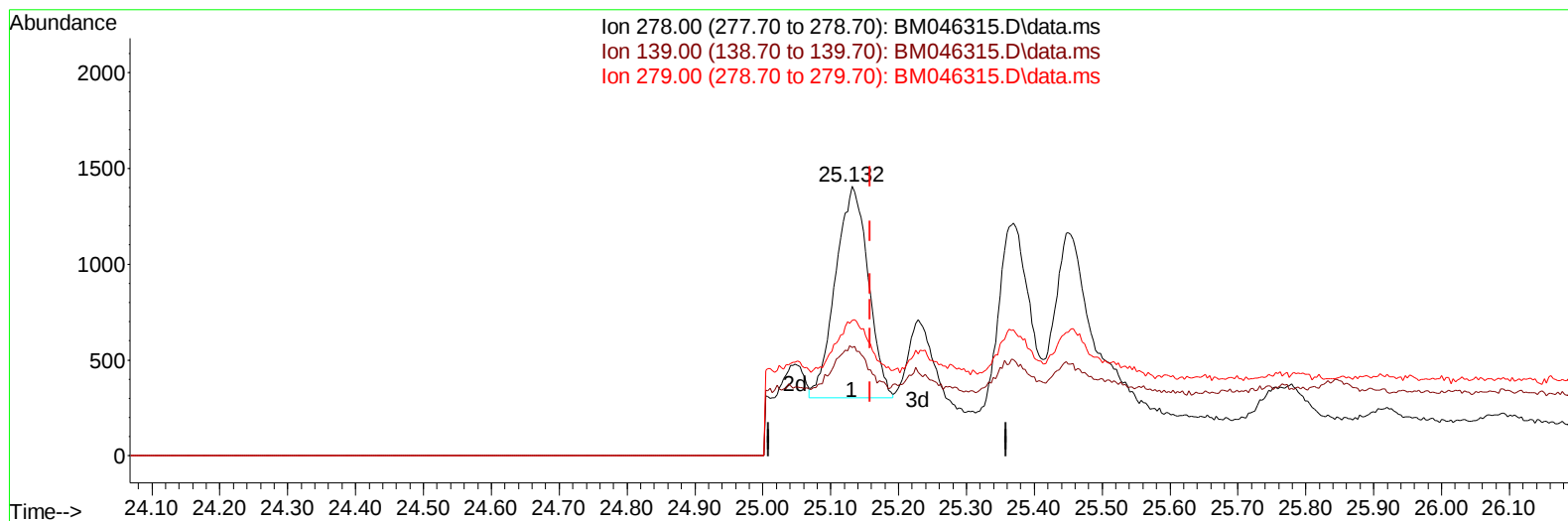
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B85

Manual IntegrationsAPPROVED

Quant Time: Jun 26 06:35:06 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 : Wed Jun 26 03:24:28 2024
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Reviewed By :Yogesh Patel 06/26/2024
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TIC: BM046315.D\data.ms

(28) Dibenzo(a,h)anthracene

25.132min (-0.027) 0.13 ng/ul m

response 3703

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	40.28#
279.00	32.90	50.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046315.D
 Acq On : 26 Jun 2024 06:04
 Operator : MA/JU
 Sample : P2909-08
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B85

Manual IntegrationsAPPROVED

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

Quant Time: Jun 26 06:35:06 2024
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 QLast Update : Wed Jun 26 03:24:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2370	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.167	136	7105	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.044	164	4067	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.791	188	8558m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	6790m	0.400	ng/ul	-0.02
23) Perylene-d12	23.083	264	6867m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	7638	2.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.794	152	1948	0.204	ng/ul	-0.05
18) Fluoranthene-d10	18.826	212	4606	0.226	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.211	128	1782	0.090	ng/ul#	87
7) 2-Methylnaphthalene	11.866	142	976	0.088	ng/ul	100
8) 1-Methylnaphthalene	12.080	142	983	0.080	ng/ul	98
10) Acenaphthylene	13.762	152	1746	0.091	ng/ul#	84
11) Acenaphthene	14.104	153	4137	0.297	ng/ul	98
12) Fluorene	15.099	166	5087	0.340	ng/ul	99
15) Phenanthrene	16.829	178	68013m	2.829	ng/ul	
16) Anthracene	16.922	178	18395m	1.027	ng/ul	
19) Fluoranthene	18.858	202	76721	2.610	ng/ul	95
20) Pyrene	19.221	202	62366	1.962	ng/ul	95
21) Benzo(a)anthracene	20.985	228	31100	1.186	ng/ul	99
22) Chrysene	21.035	228	26712	0.798	ng/ul	98
24) Benzo(b)fluoranthene	22.472	252	33699m	1.362	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	14291m	0.486	ng/ul	
26) Benzo(a)pyrene	22.993	252	24078	1.050	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.132	276	18564	0.495	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.132	278	3703m	0.133	ng/ul	
29) Benzo(g,h,i)perylene	25.749	276	16483	0.512	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
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ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 26 06:35:06 2024
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