

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

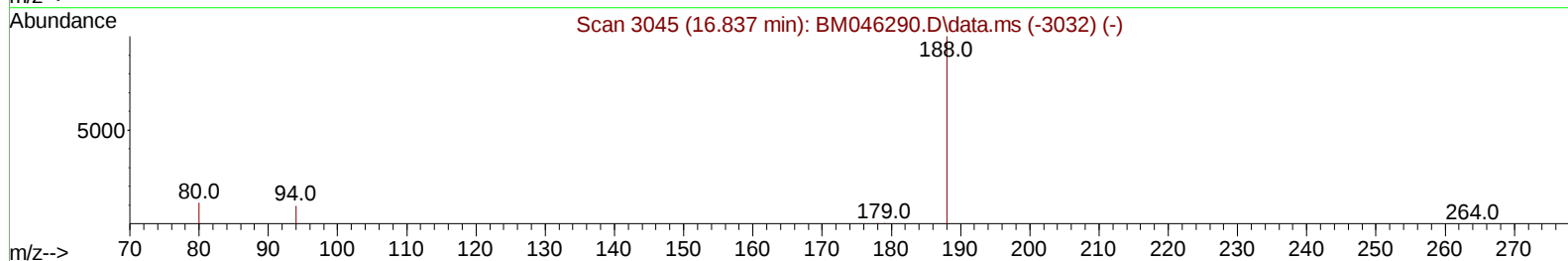
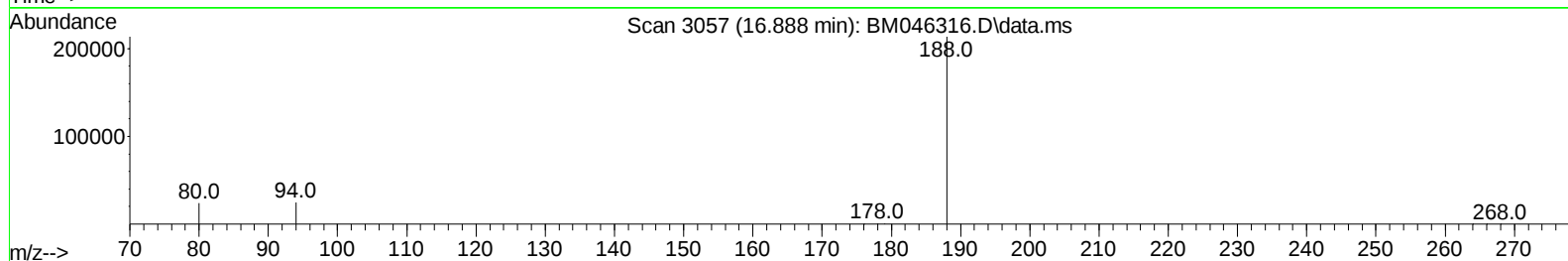
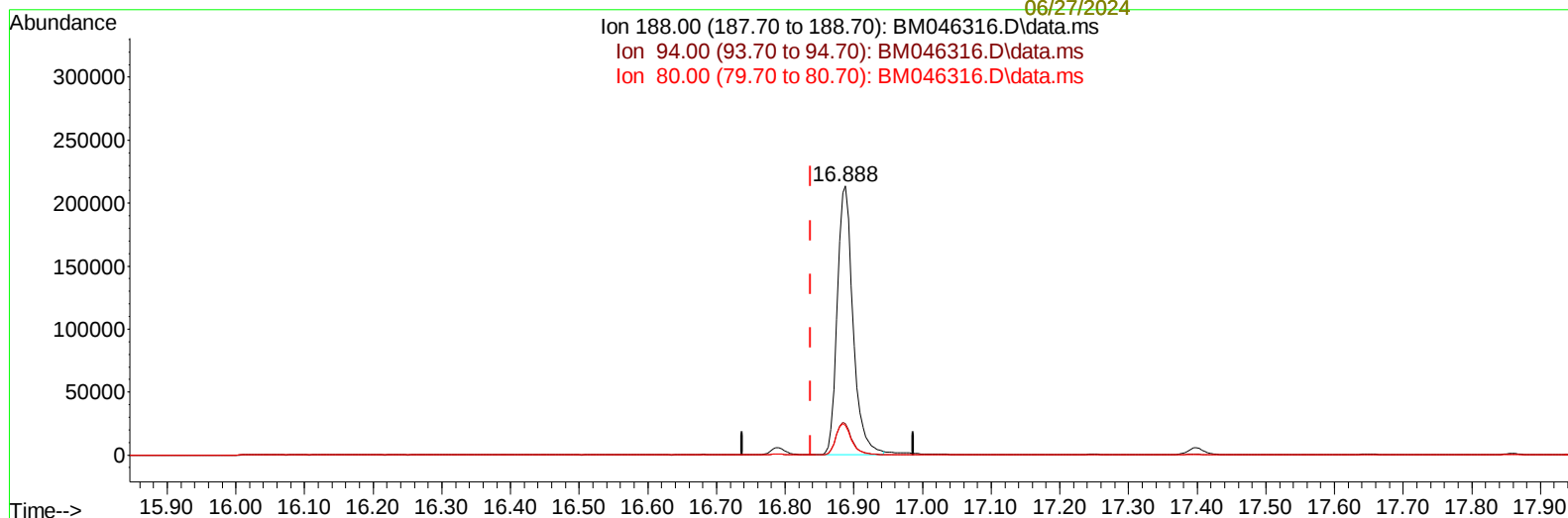
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 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

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(13) Phenanthrene-d10 (I)

16.888min (+ 0.051) 0.40 ng/u1

response 339987

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.58
80.00	15.20	11.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
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Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

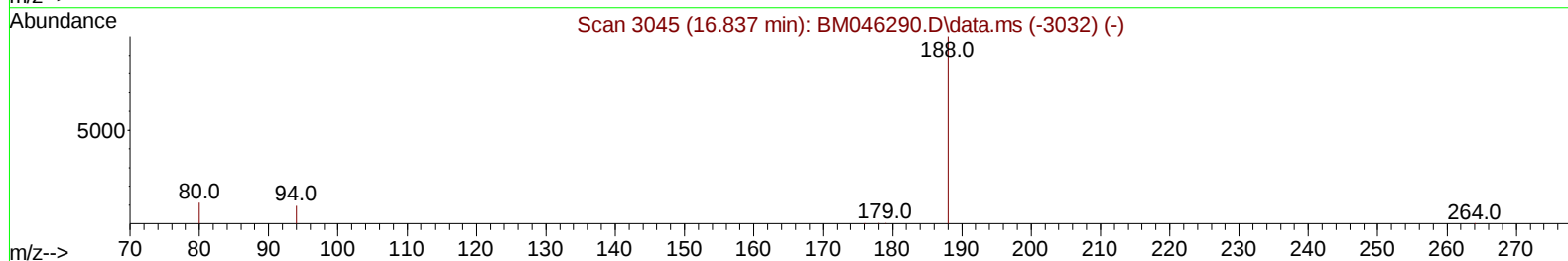
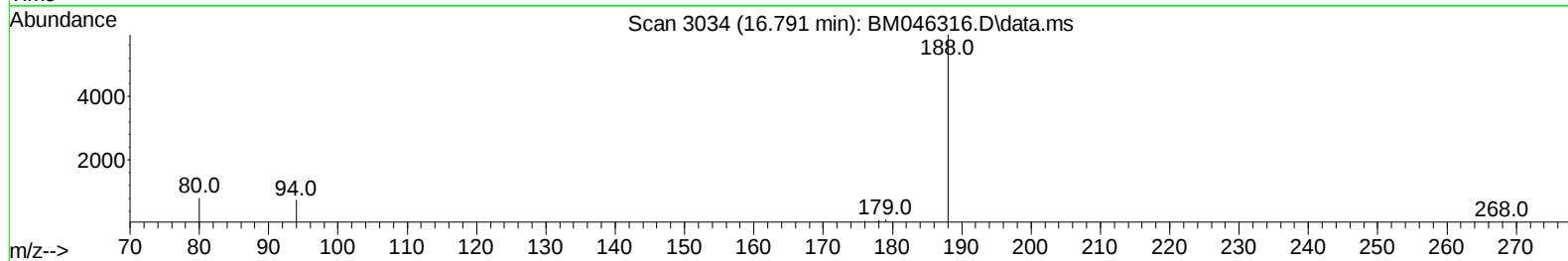
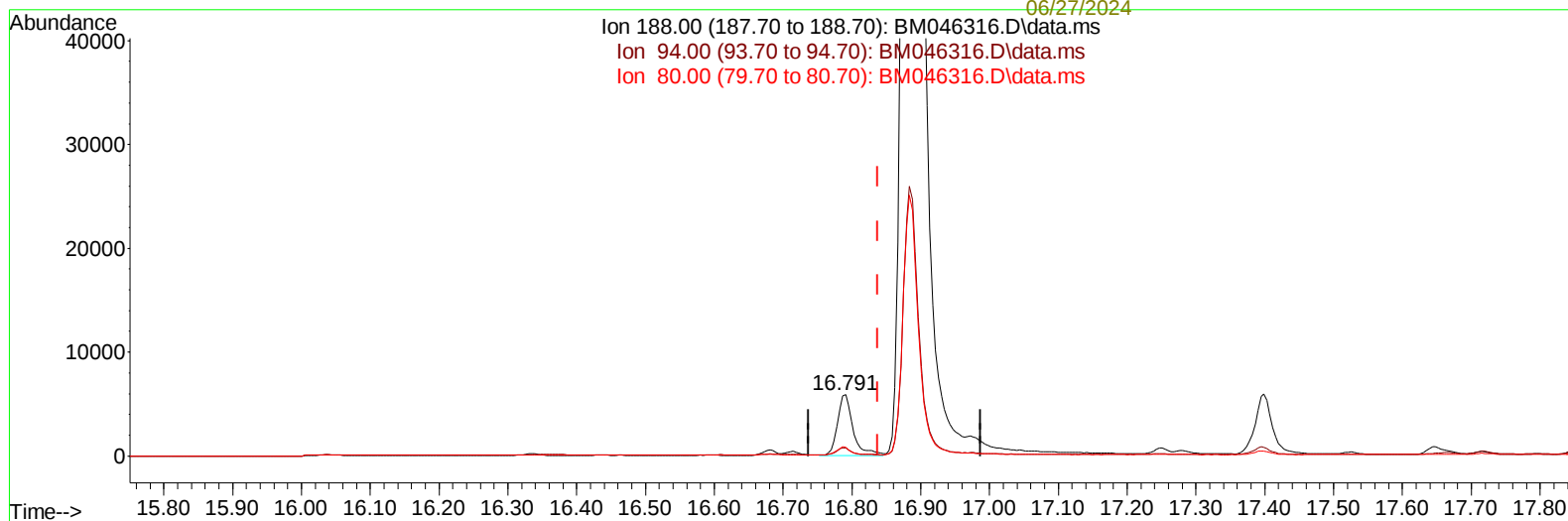
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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ahmed
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TIC: BM046316.D\data.ms

(13) Phenanthrene-d10 (I)

16.791min (-0.047) 0.40 ng/ul m

response 9266

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.59
80.00	15.20	13.69
0.00	0.00	0.00

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Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

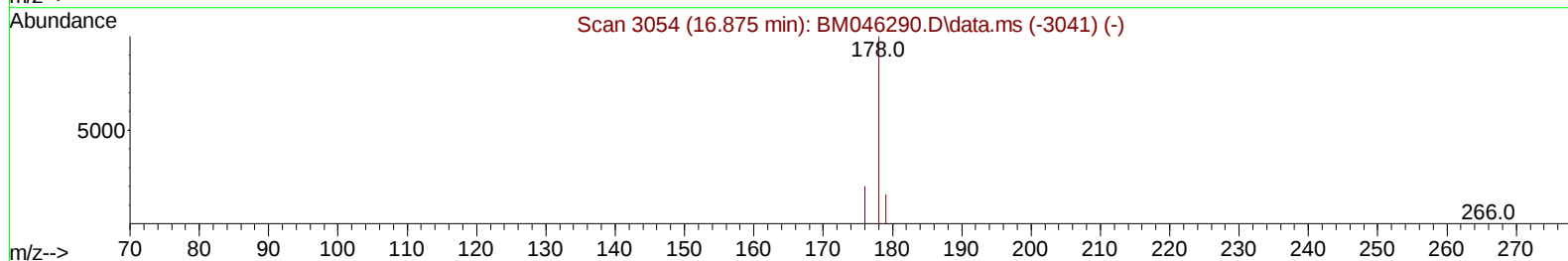
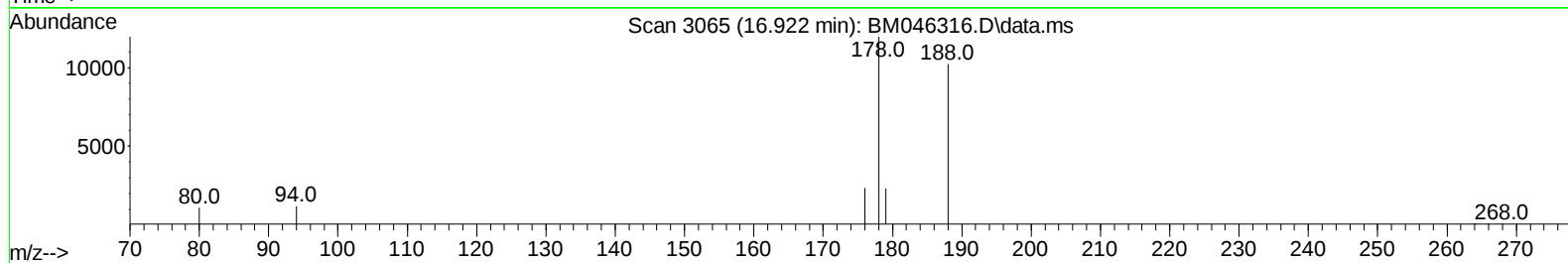
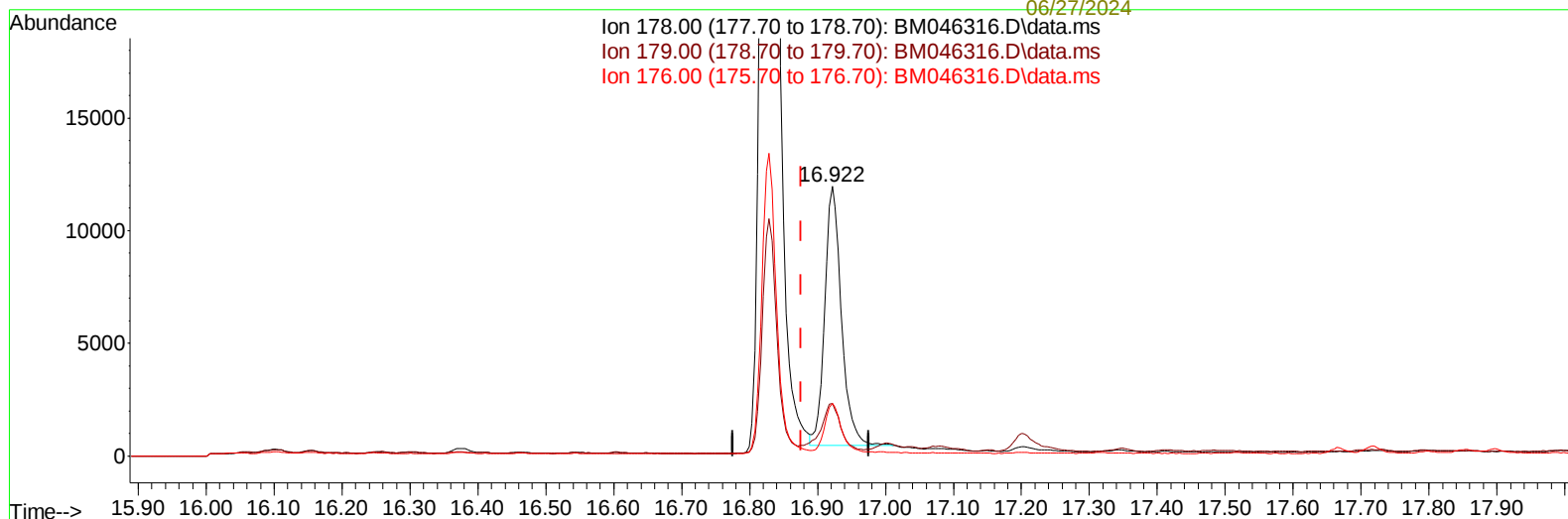
Instrument :
BNA_M
ClientSampleId :
A4CP0

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Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(15) Phenanthrene

16.922min (+ 0.046) 0.75 ng/u1

response 19563

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	19.42
176.00	21.40	19.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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 Operator : MA/JU
 Sample : P2909-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CP0

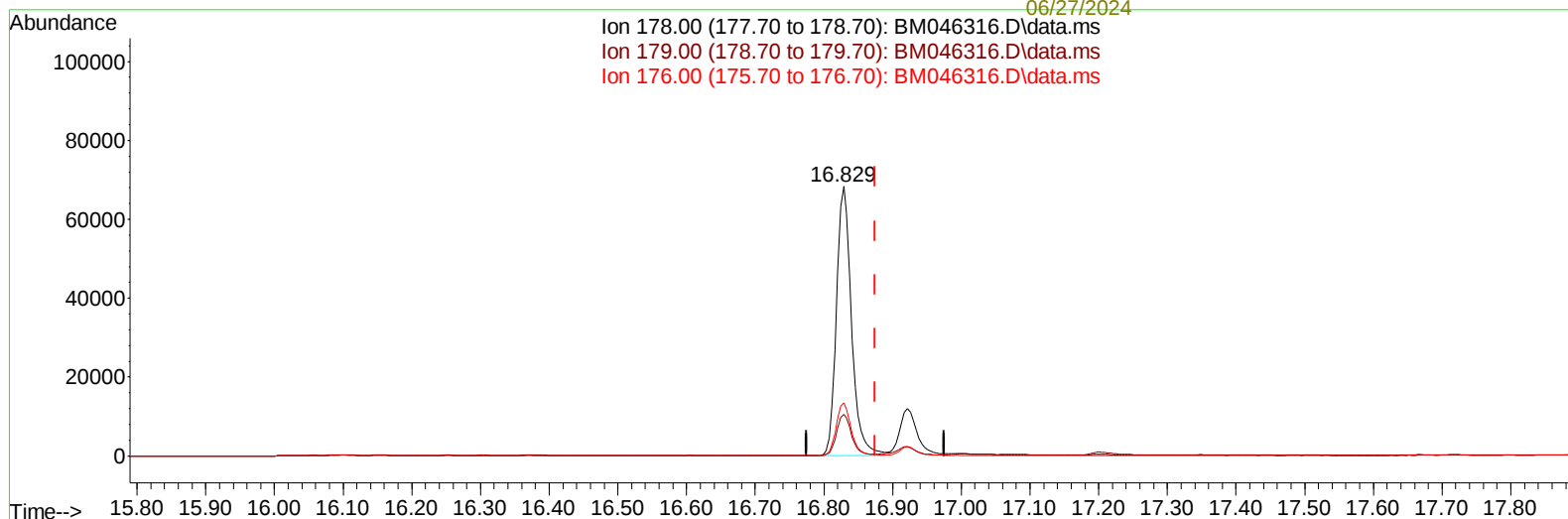
Manual IntegrationsAPPROVED

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

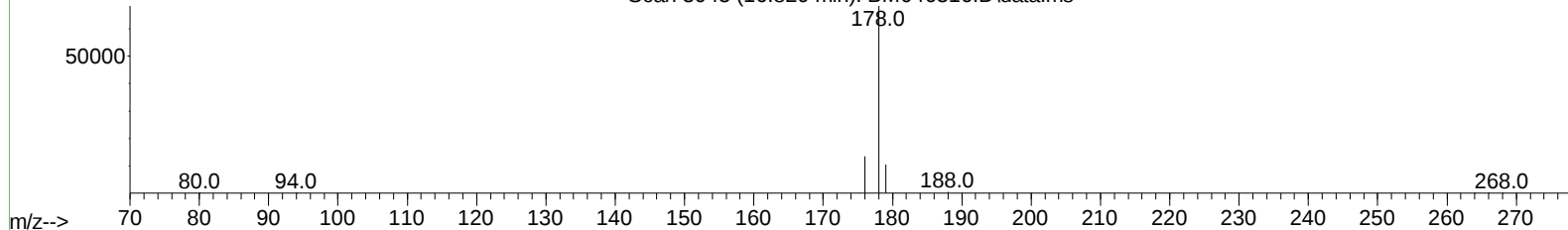
Supervised By :mohammad
 ahmed
 06/27/2024

Quant Time: Jun 26 07:10:11 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

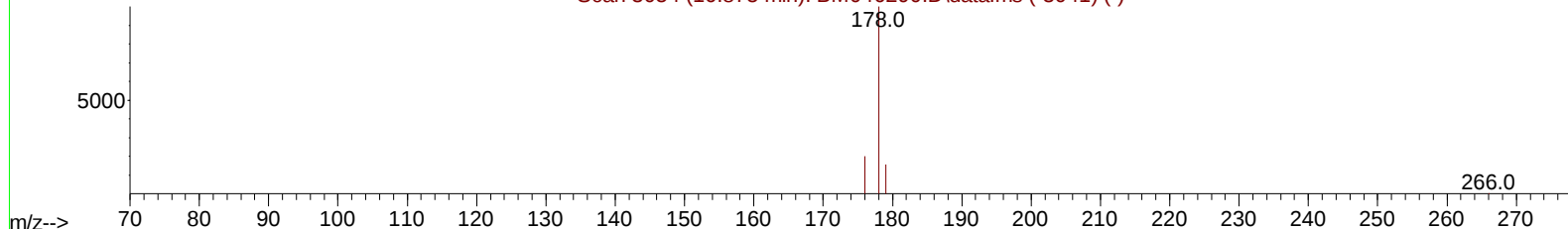
Ion 178.00 (177.70 to 178.70): BM046316.D\data.ms
 Ion 179.00 (178.70 to 179.70): BM046316.D\data.ms
 Ion 176.00 (175.70 to 176.70): BM046316.D\data.ms



Scan 3043 (16.829 min): BM046316.D\data.ms



Scan 3054 (16.875 min): BM046290.D\data.ms (-3041) (-)



TIC: BM046316.D\data.ms

(15) Phenanthrene

16.829min (-0.047) 3.98 ng/u1 m

response 103677

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.41
176.00	21.40	19.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

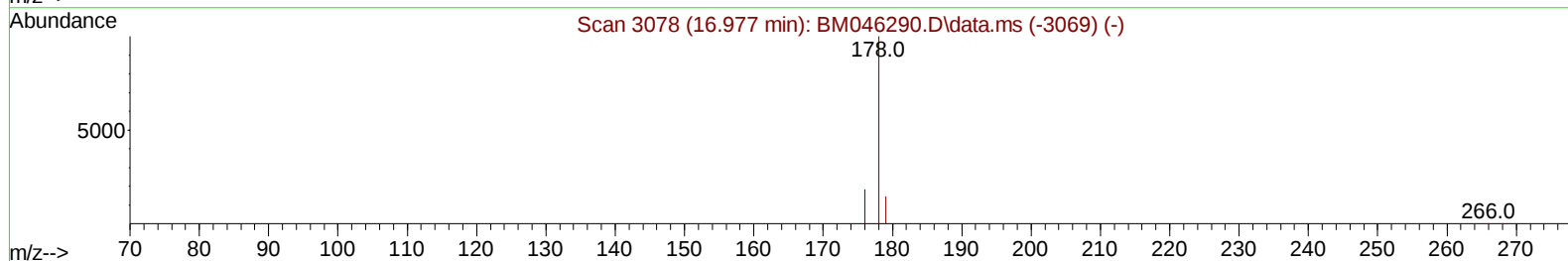
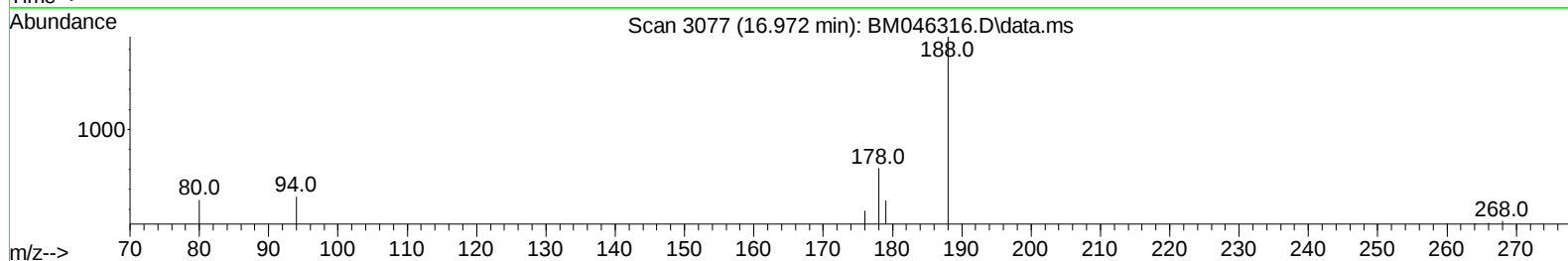
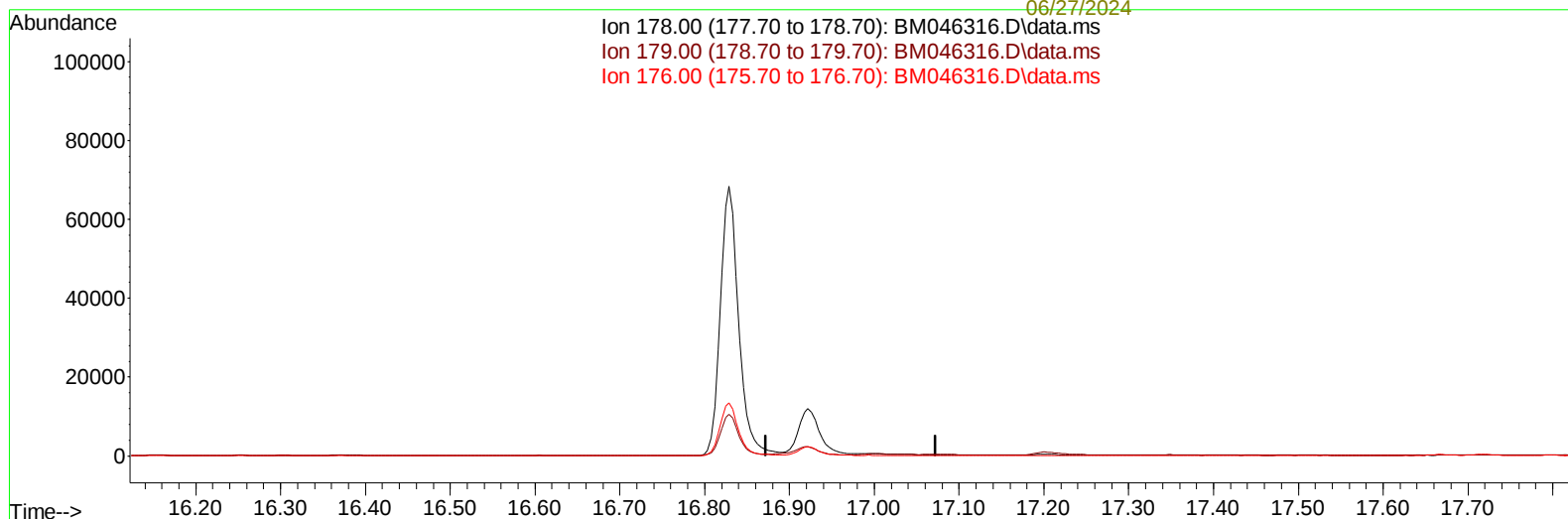
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.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\
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Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

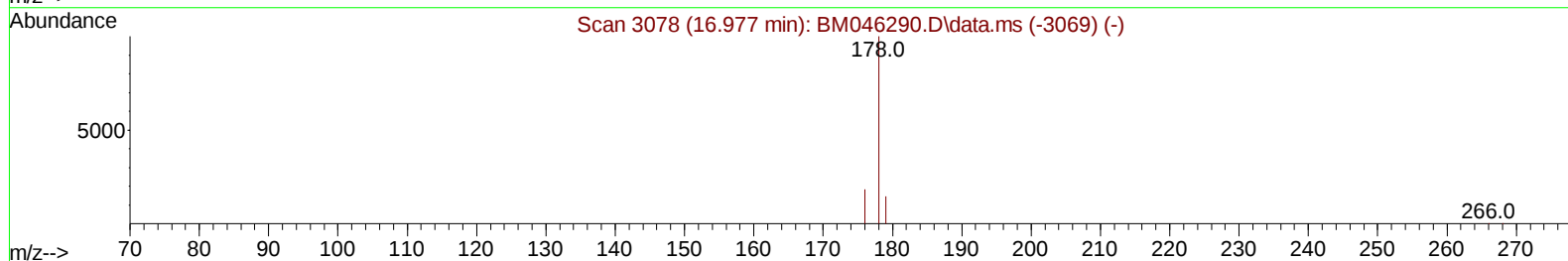
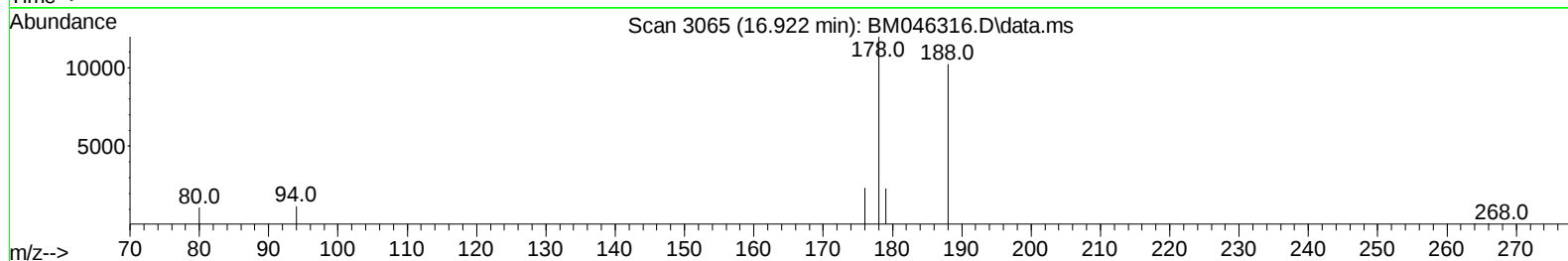
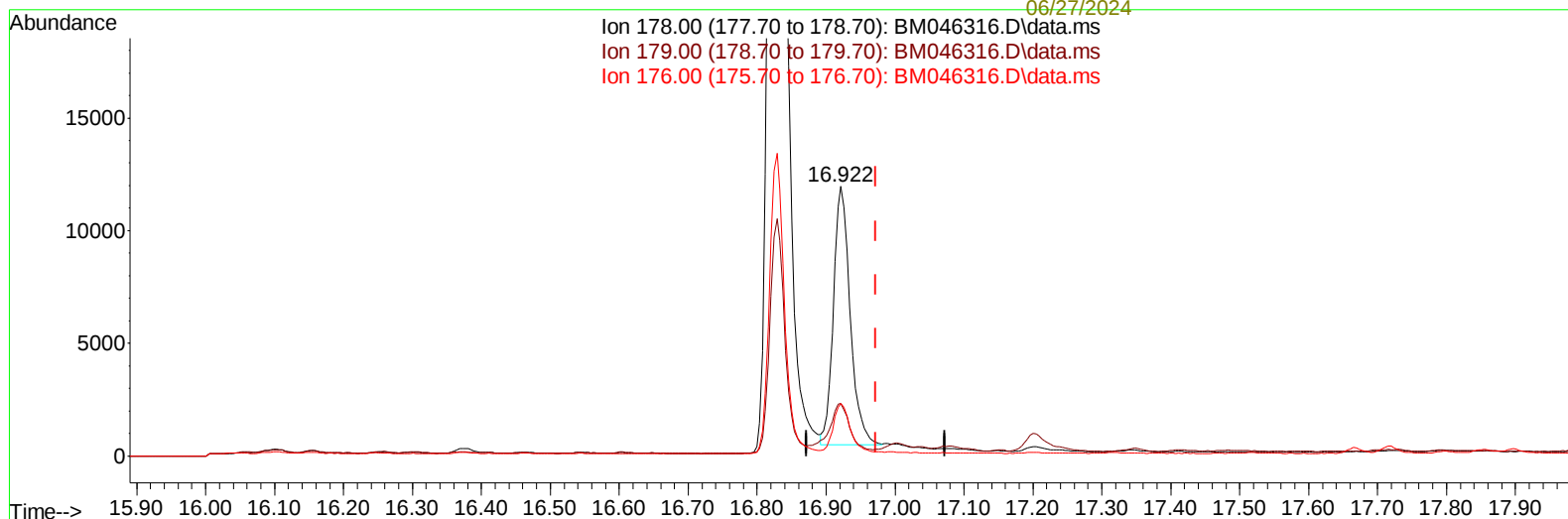
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

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Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(16) Anthracene

16.922min (-0.051) 0.99 ng/u1 m

response 19283

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	19.42
176.00	21.20	19.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

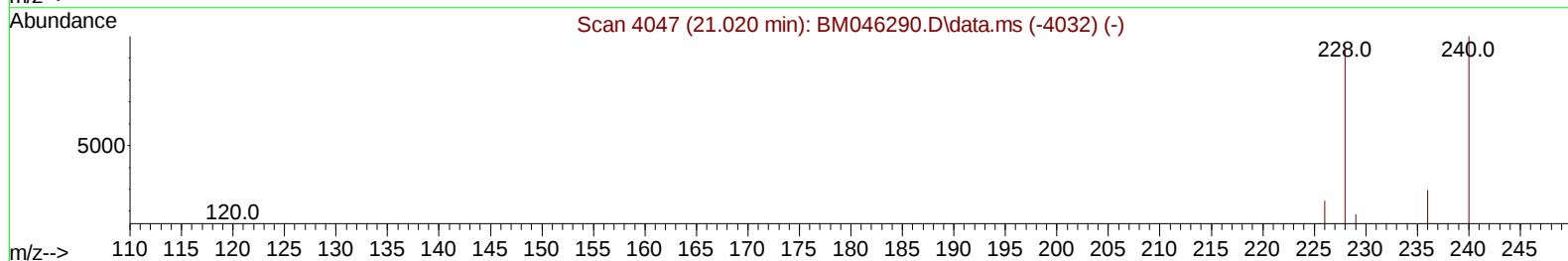
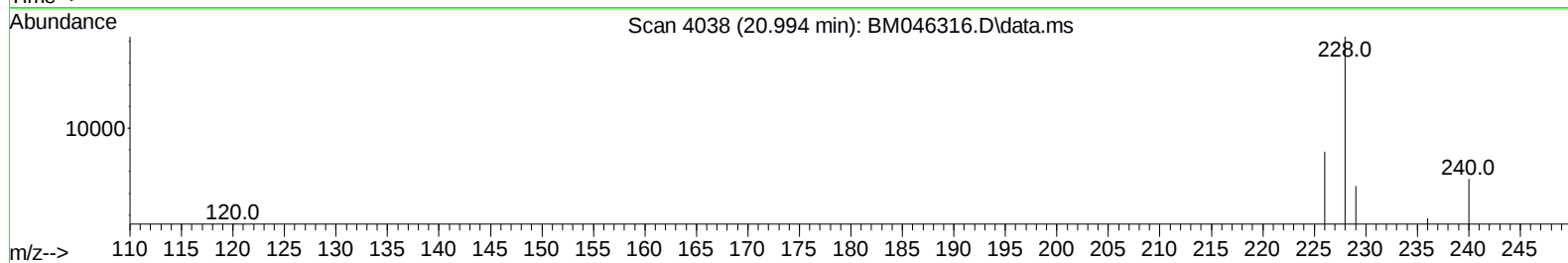
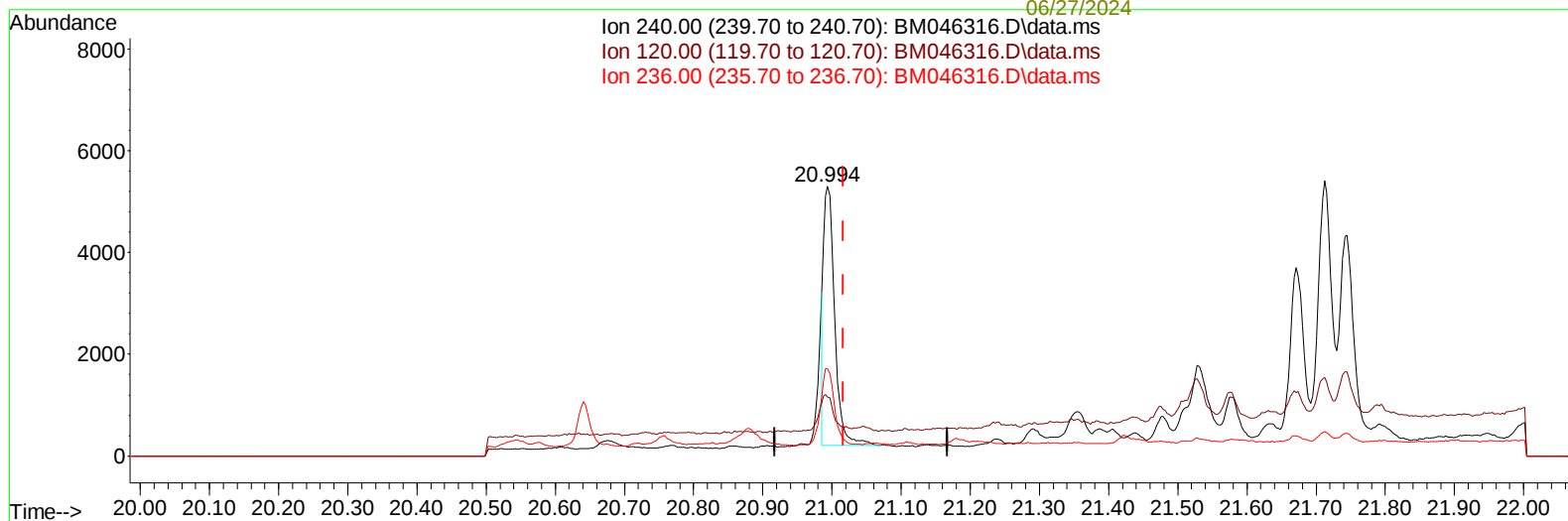
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

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Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(17) Chrysene-d12

20.994min (-0.023) 0.40 ng/u1

response 5657

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.93
236.00	33.60	32.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

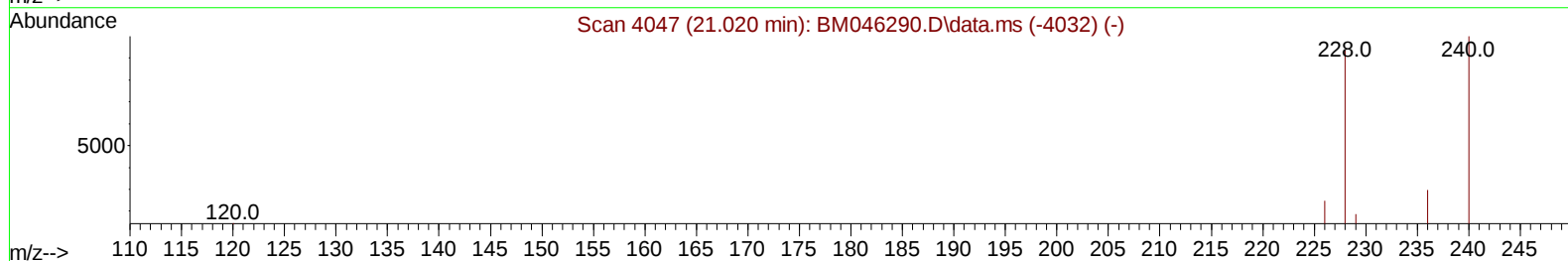
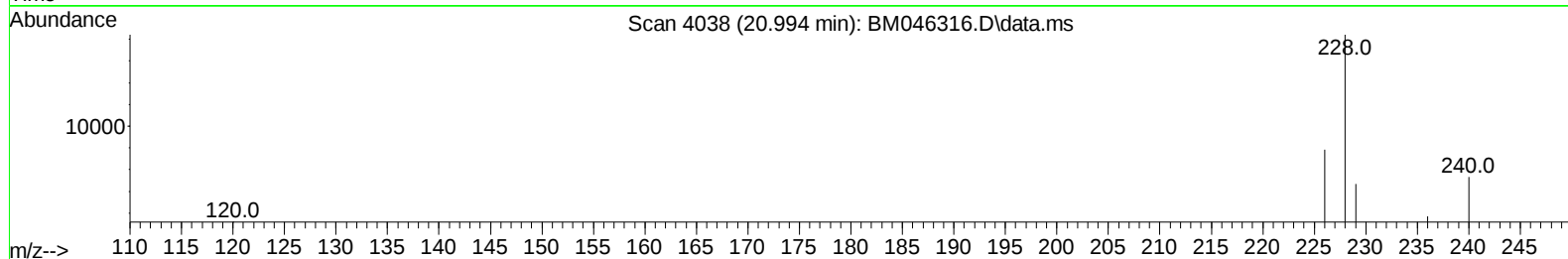
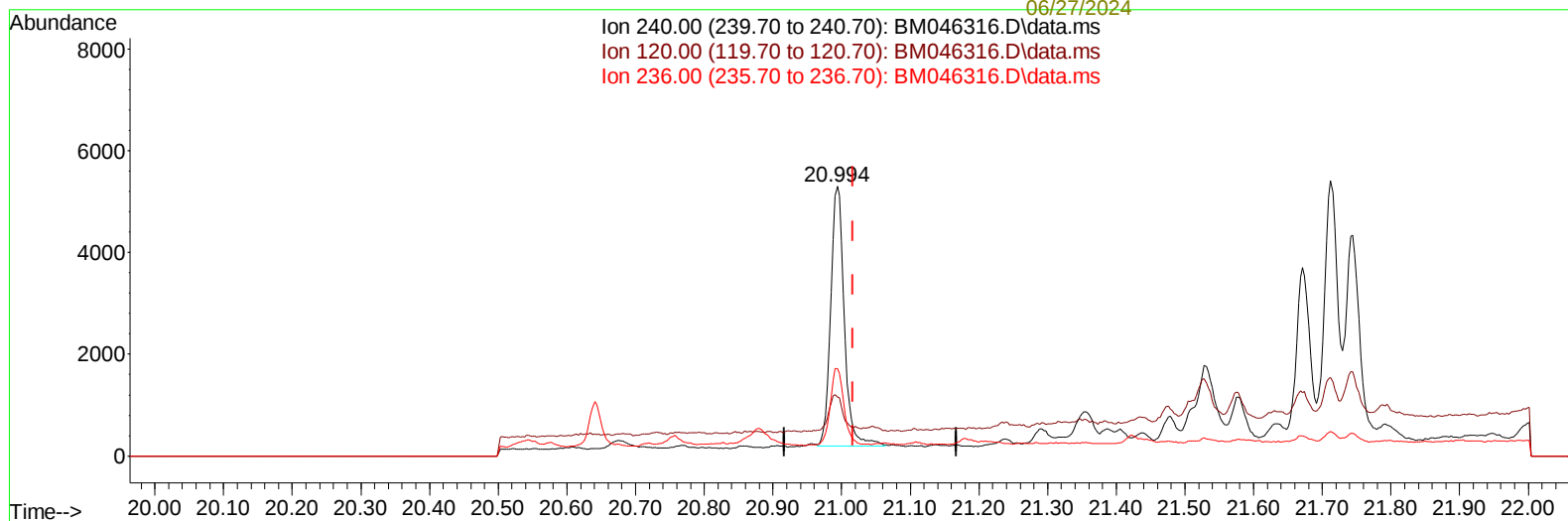
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 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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Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(17) Chrysene-d12

20.994min (-0.023) 0.40 ng/u1 m

response 6988

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.93
236.00	33.60	32.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

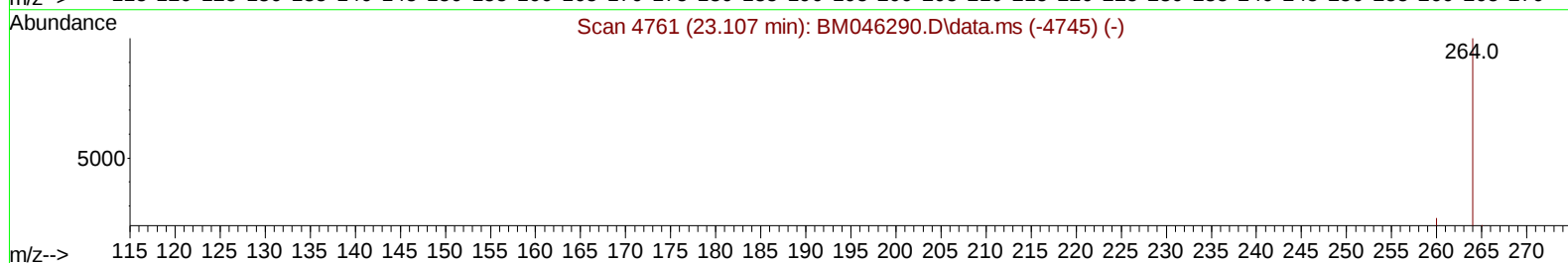
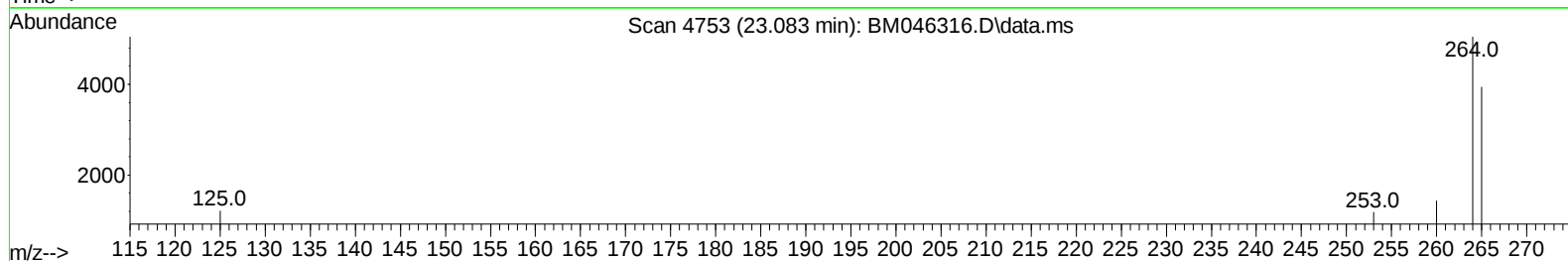
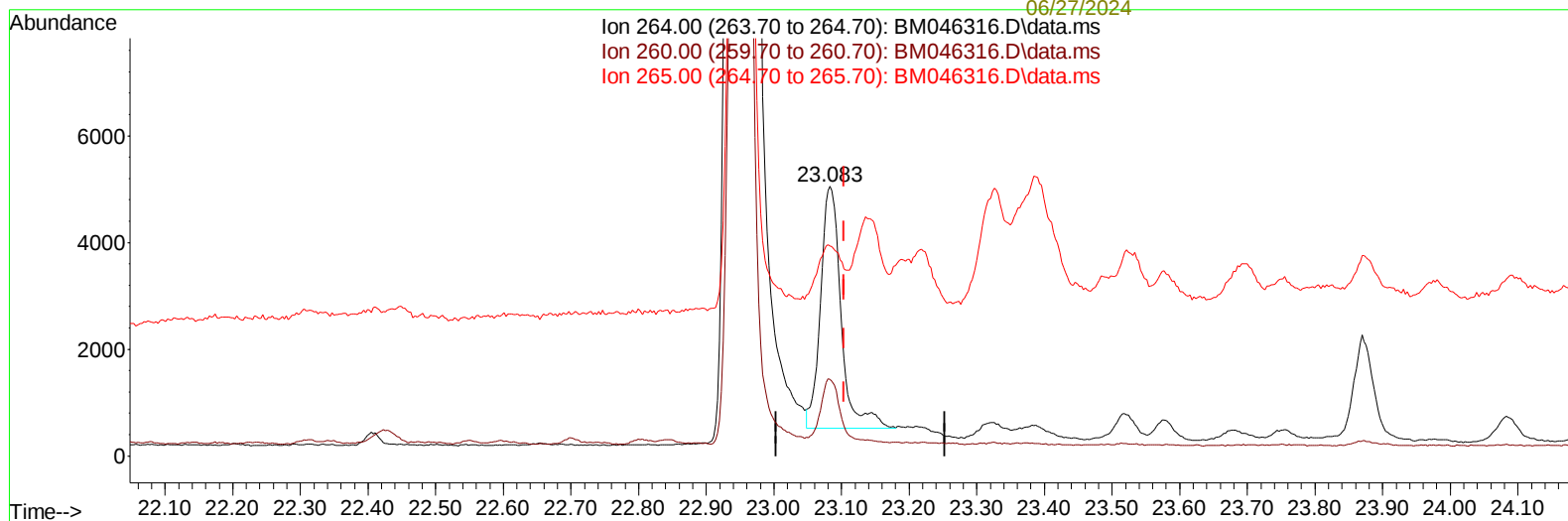
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 2024
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Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.021) 0.40 ng/u1

response 9534

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.42
265.00	110.60	78.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

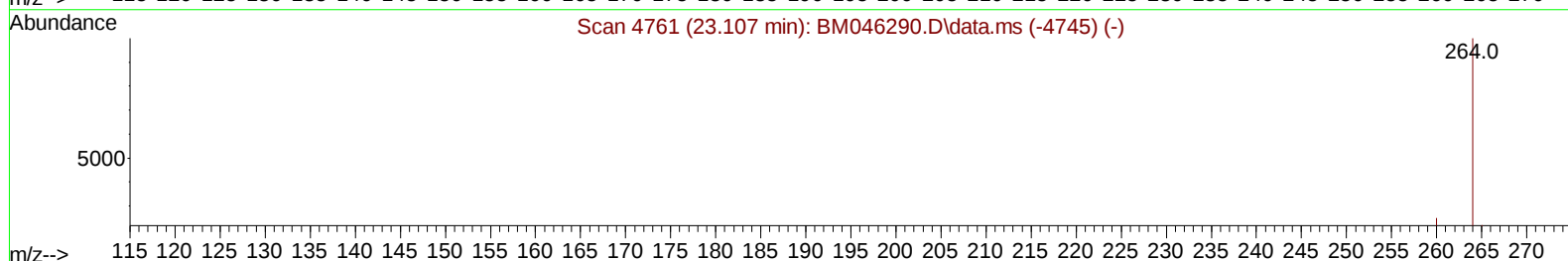
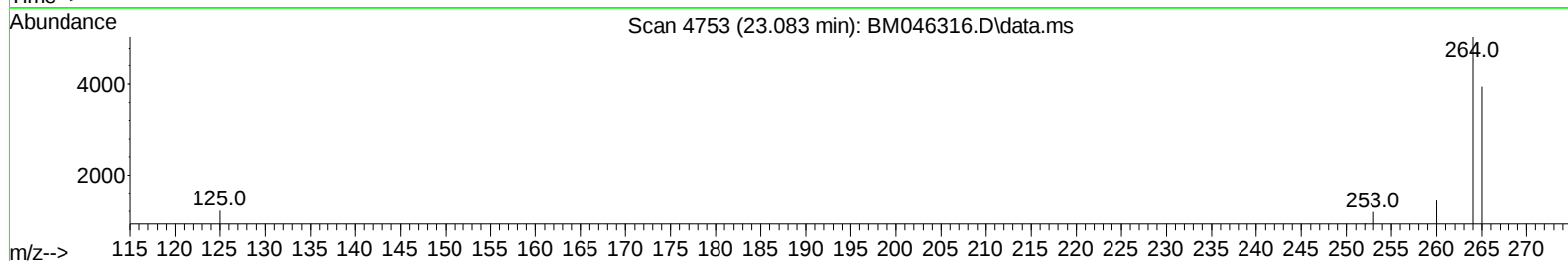
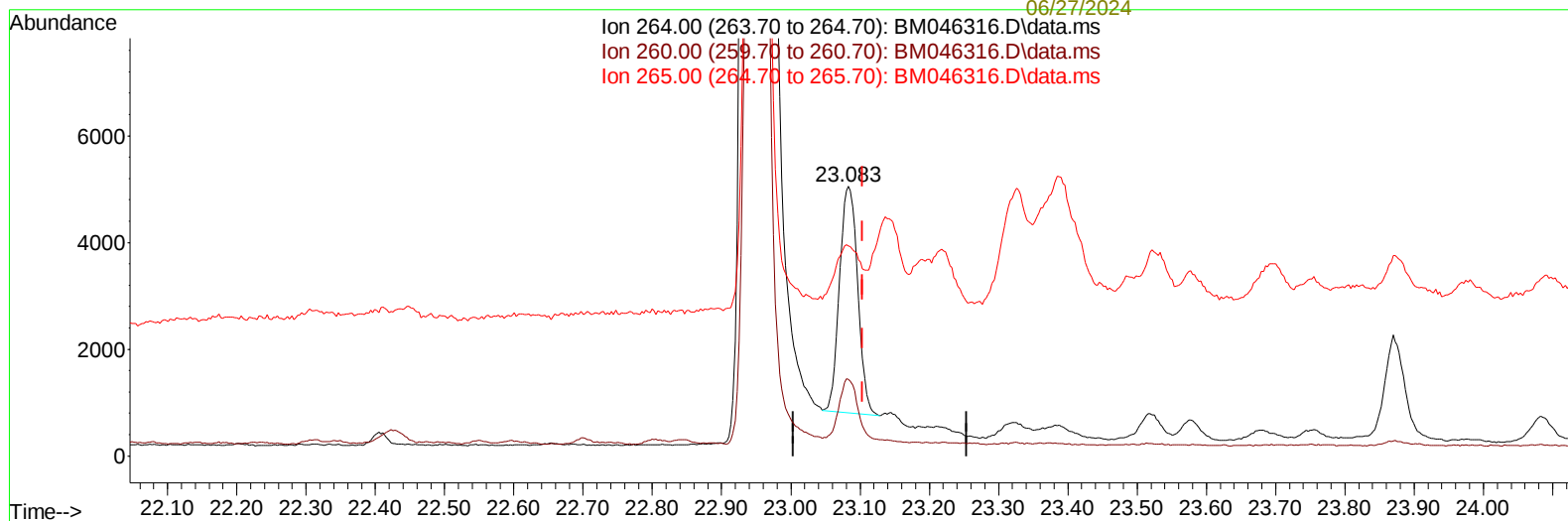
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 2024
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Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.021) 0.40 ng/ul m

response 7719

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.42
265.00	110.60	78.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

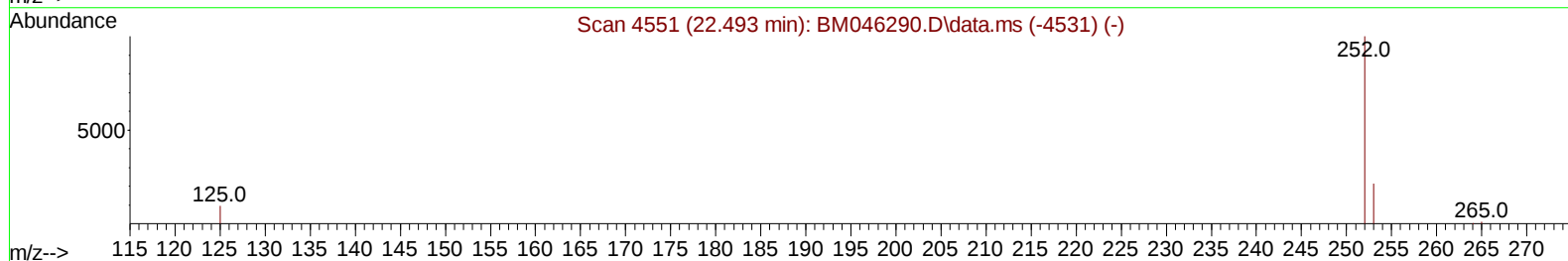
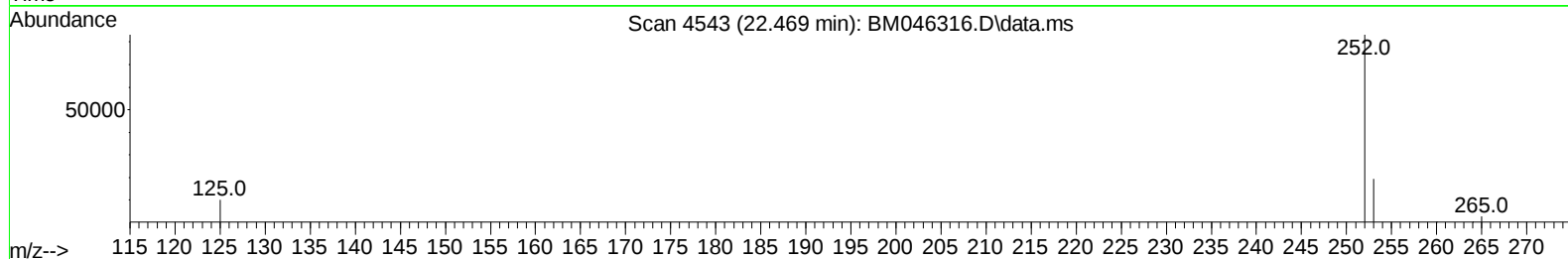
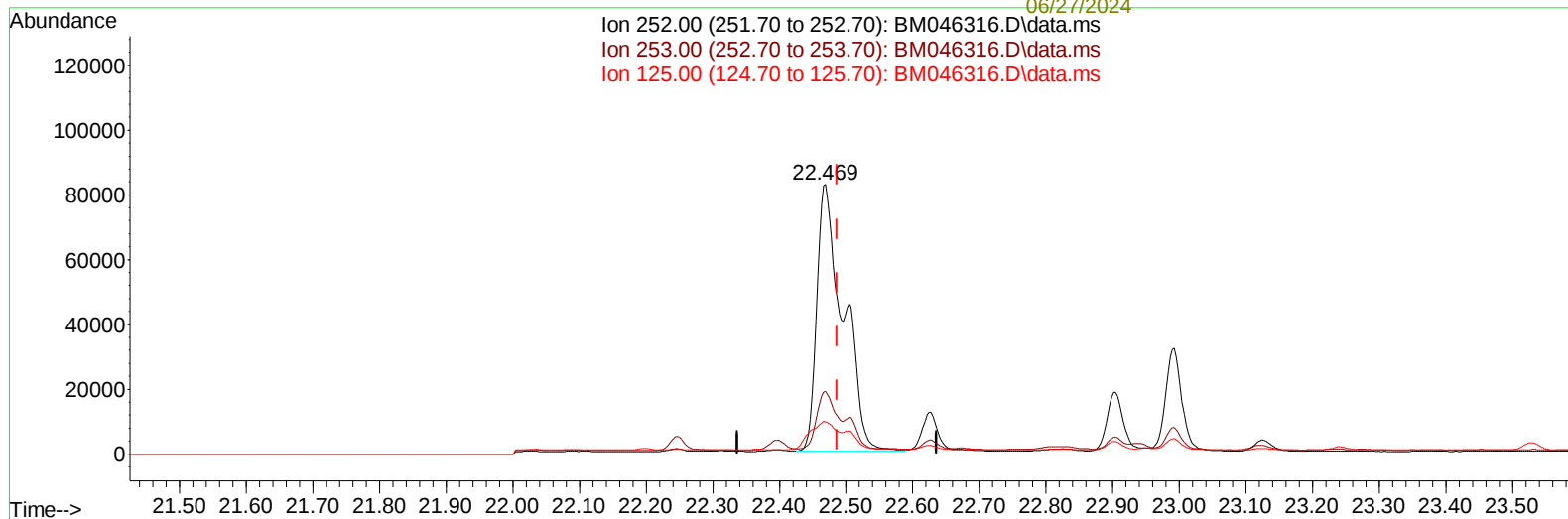
Instrument :
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Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.018) 8.26 ng/u1

response 229741

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.23
125.00	20.10	11.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

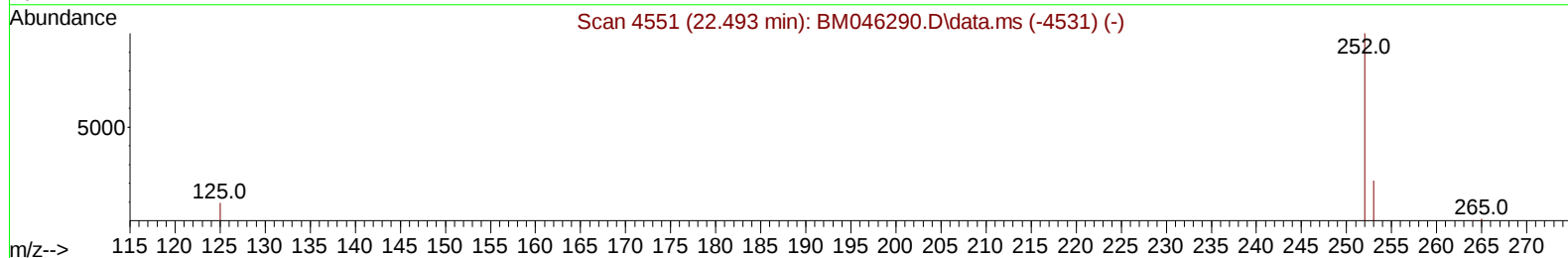
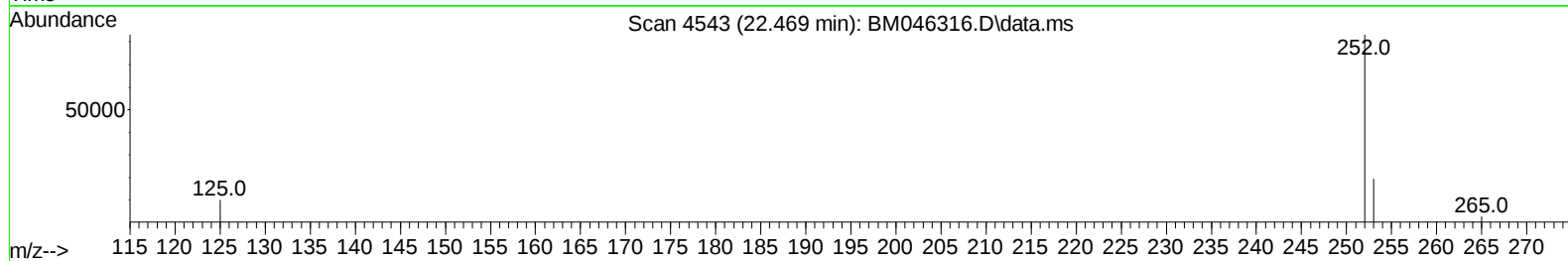
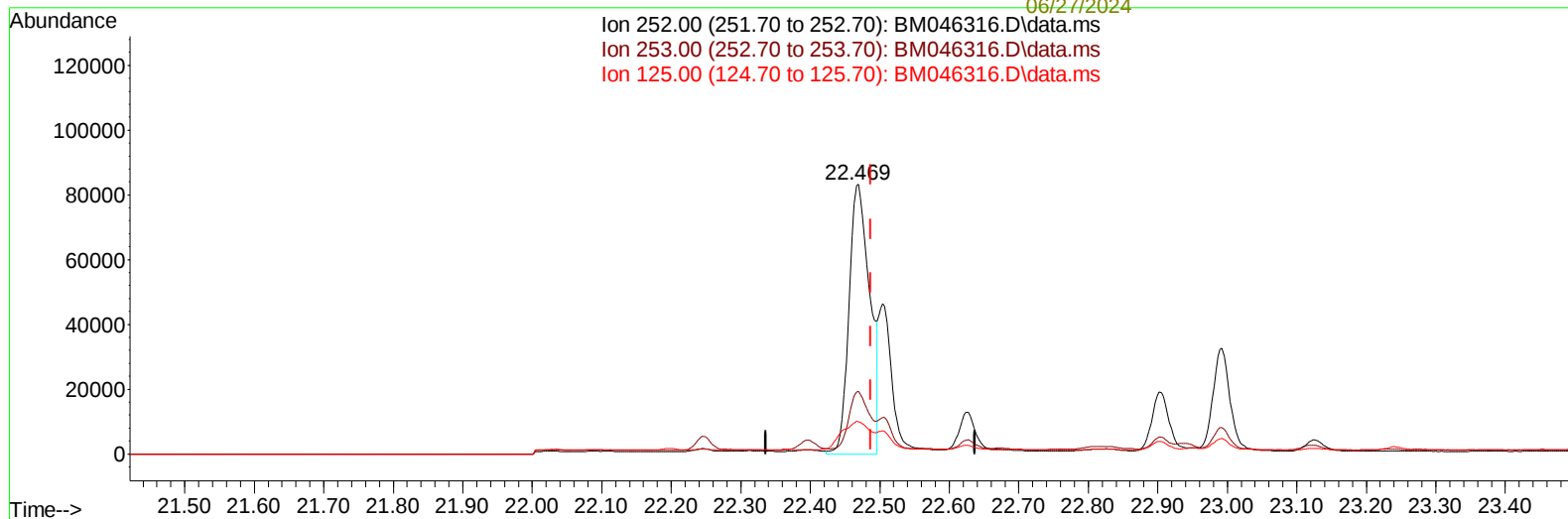
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 2024
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Supervised By :mohammad ahmed 06/27/2024

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.018) 6.21 ng/u1 m

response 172575

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.23
125.00	20.10	11.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

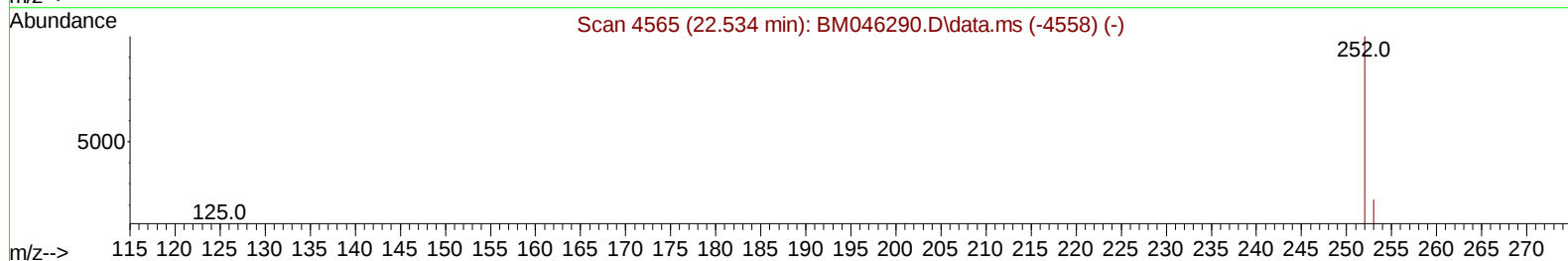
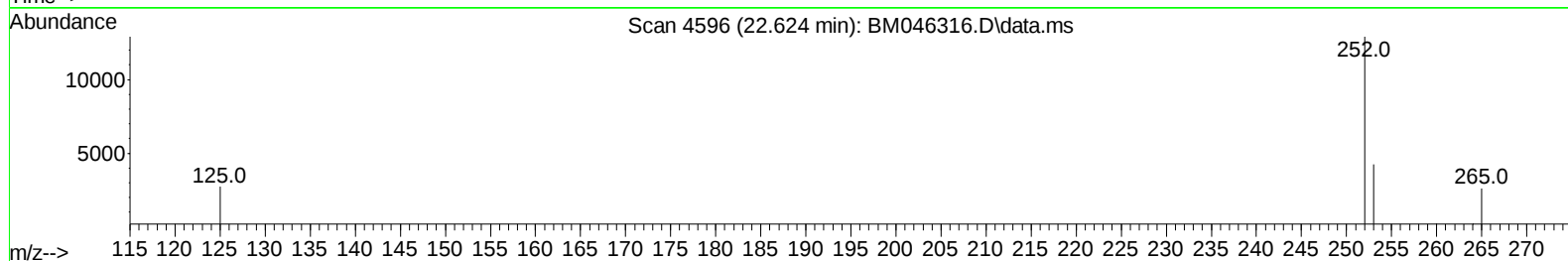
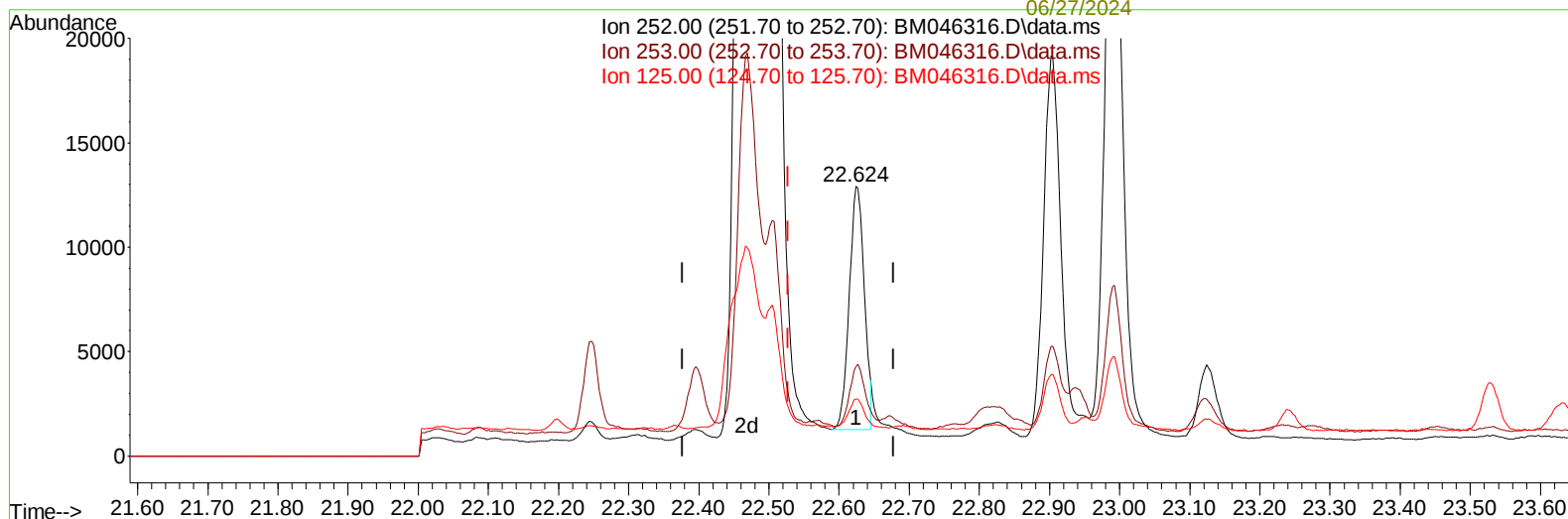
Instrument :
BNA_M
ClientSampleId :
A4CP0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 07:10:11 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

Supervised By :mohammad
ahmed
06/27/2024



TIC: BM046316.D\data.ms

(25) Benzo(k)fluoranthene

22.624min (+ 0.096) 0.52 ng/u1

response 17290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.07
125.00	20.80	21.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
Sample : P2909-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

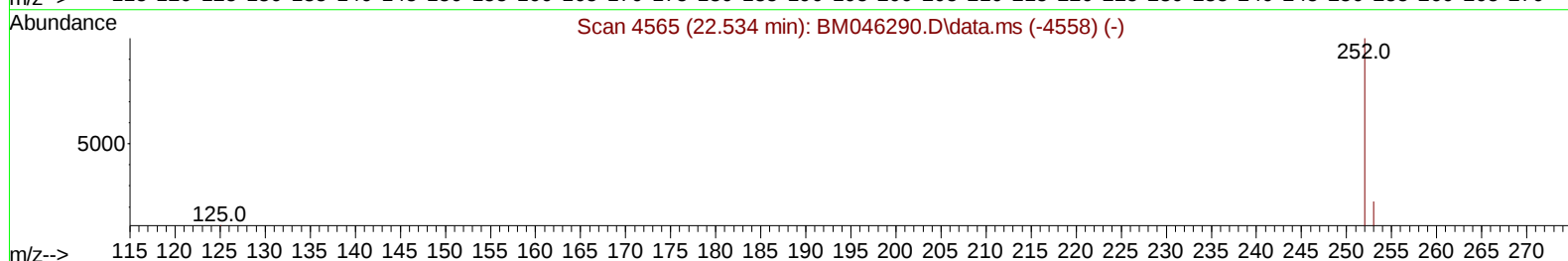
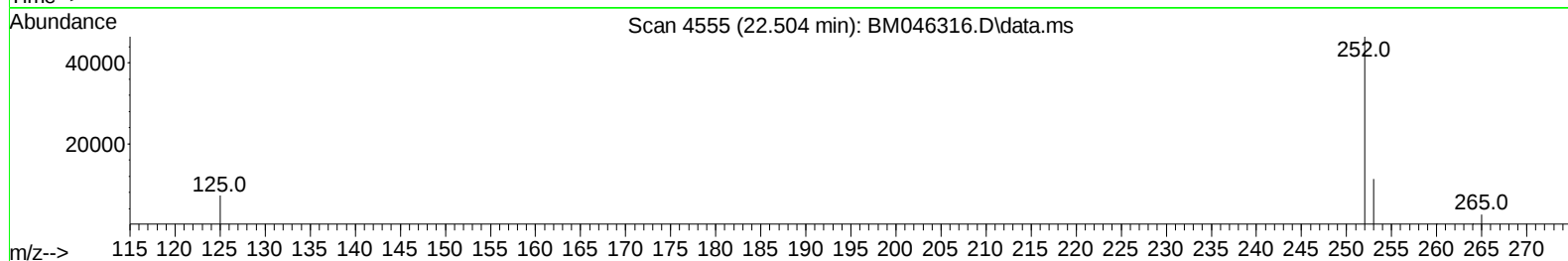
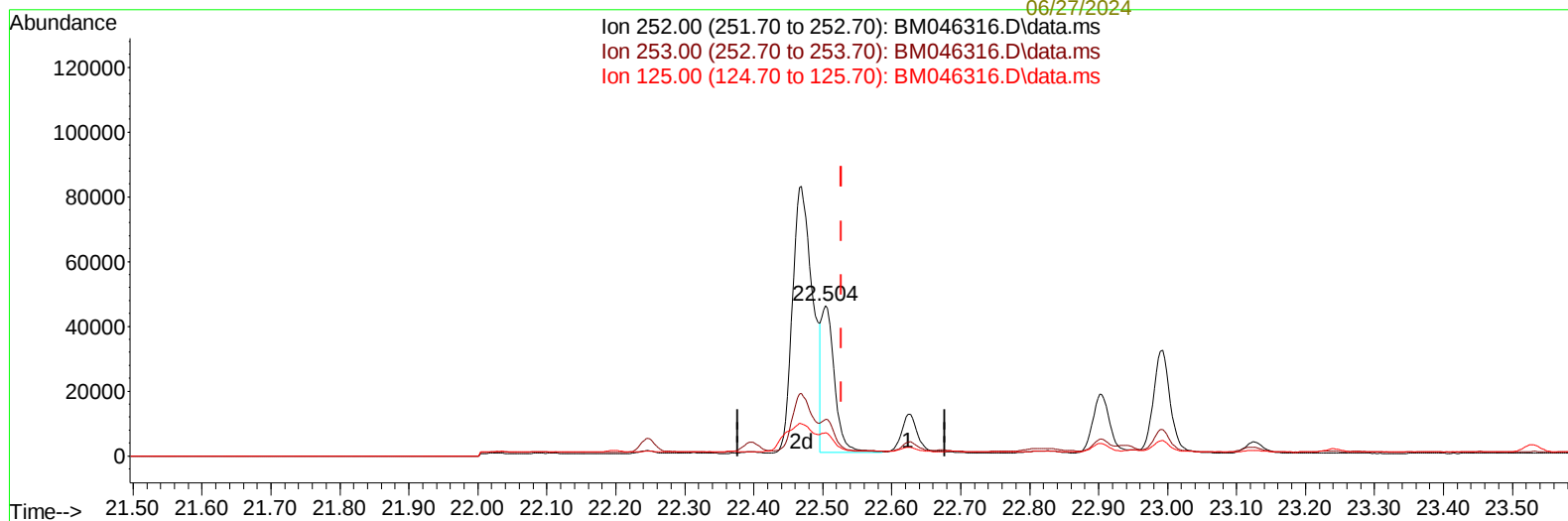
Instrument :
BNA_M
ClientSampleId :
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TIC: BM046316.D\data.ms

(25) Benzo(k)fluoranthene

22.504min (-0.024) 1.80 ng/u1 m

response 59382

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.29#
125.00	20.80	15.53#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046316.D
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 Operator : MA/JU
 Sample : P2909-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2444	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.166	136	7244	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.044	164	4067	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.791	188	9266m	0.400	ng/ul	-0.05
17) Chrysene-d12	20.994	240	6988m	0.400	ng/ul	-0.02
23) Perylene-d12	23.083	264	7719m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	7426	2.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	1999	0.206	ng/ul	-0.06
18) Fluoranthene-d10	18.821	212	4579	0.219	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.216	128	3653	0.181	ng/ul	98
7) 2-Methylnaphthalene	11.866	142	1174	0.103	ng/ul	99
8) 1-Methylnaphthalene	12.075	142	982	0.079	ng/ul	99
10) Acenaphthylene	13.757	152	8720	0.452	ng/ul	99
11) Acenaphthene	14.104	153	3596	0.258	ng/ul	98
12) Fluorene	15.099	166	4232	0.283	ng/ul	97
15) Phenanthrene	16.829	178	103677m	3.983	ng/ul	
16) Anthracene	16.922	178	19283m	0.995	ng/ul	
19) Fluoranthene	18.853	202	250897	8.292	ng/ul	95
20) Pyrene	19.216	202	165826	5.068	ng/ul	95
21) Benzo(a)anthracene	20.976	228	106094	3.931	ng/ul	100
22) Chrysene	21.029	228	117997	3.425	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	172575m	6.206	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	59382m	1.796	ng/ul	
26) Benzo(a)pyrene	22.992	252	54183	2.103	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.121	276	61697	1.463	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.121	278	22810	0.726	ng/ul	95
29) Benzo(g,h,i)perylene	25.742	276	8351	0.231	ng/ul#	89

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

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