

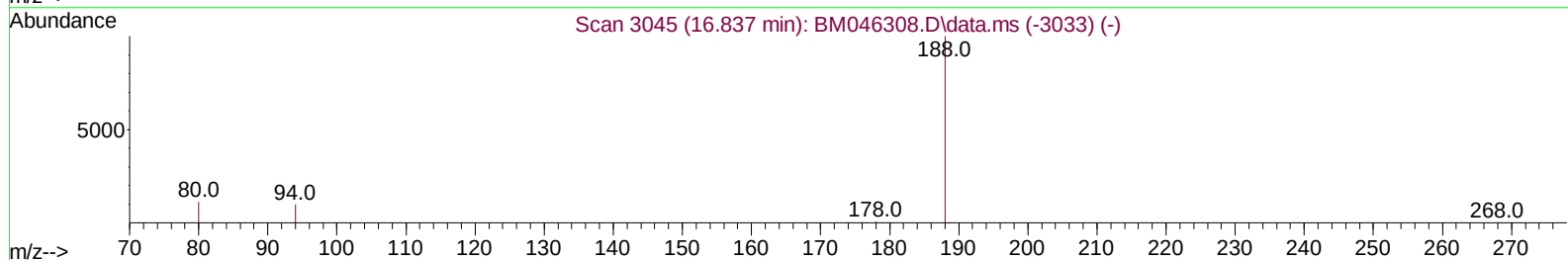
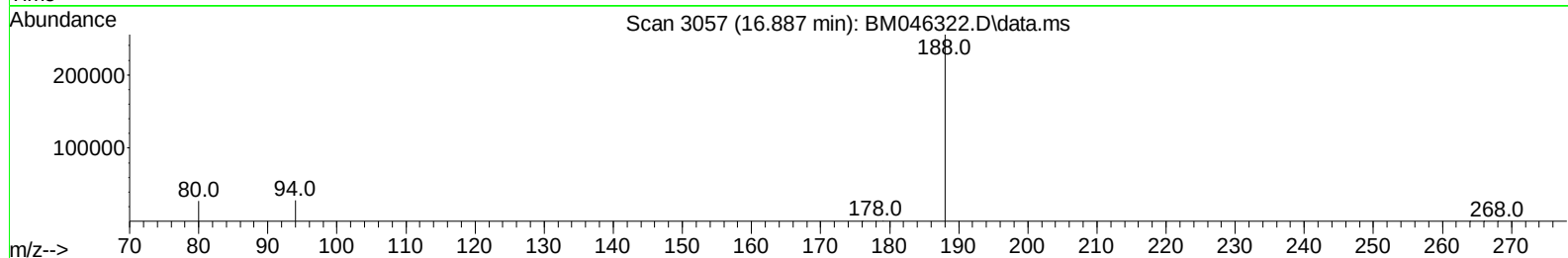
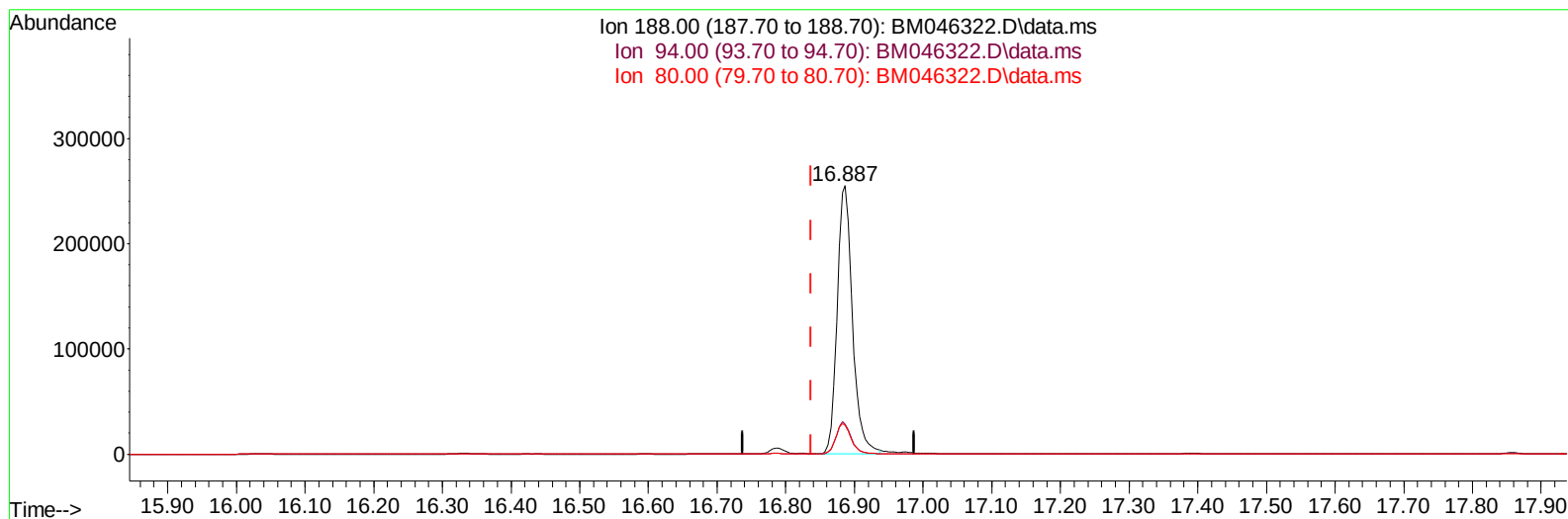
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 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: BM046322.D\data.ms

(13) Phenanthrene-d10 (I)

16.887min (+ 0.049) 0.40 ng/u1

response 393447

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.31
80.00	15.20	10.77#
0.00	0.00	0.00

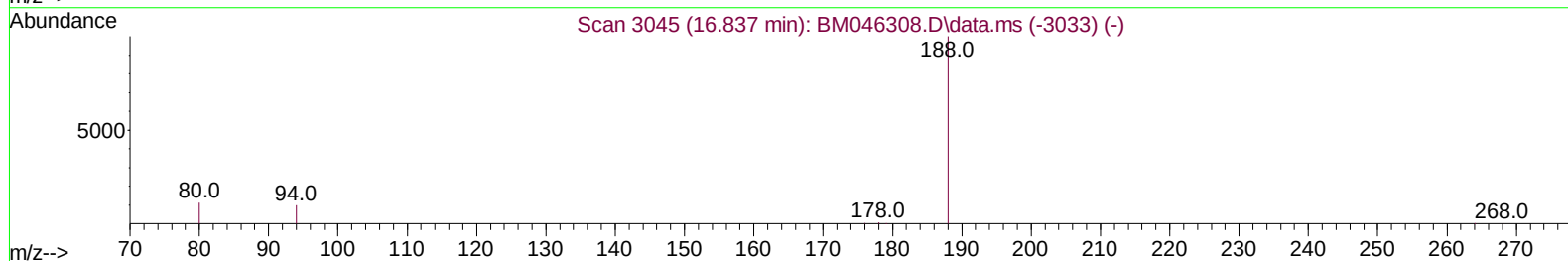
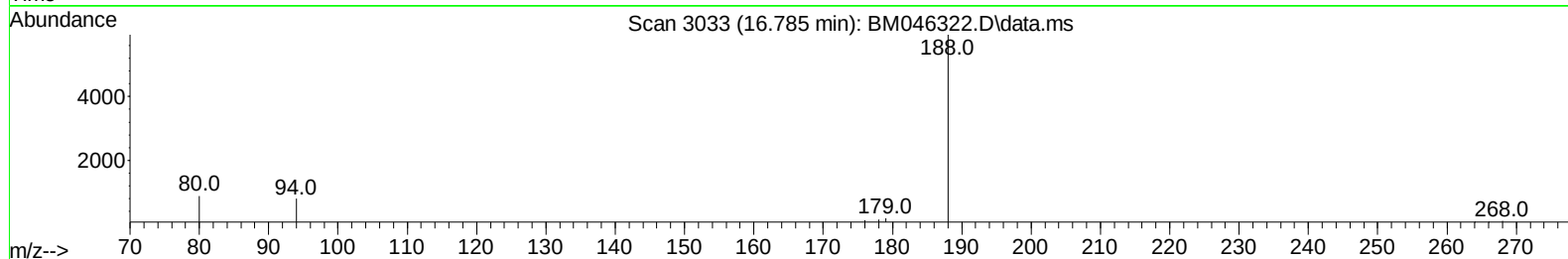
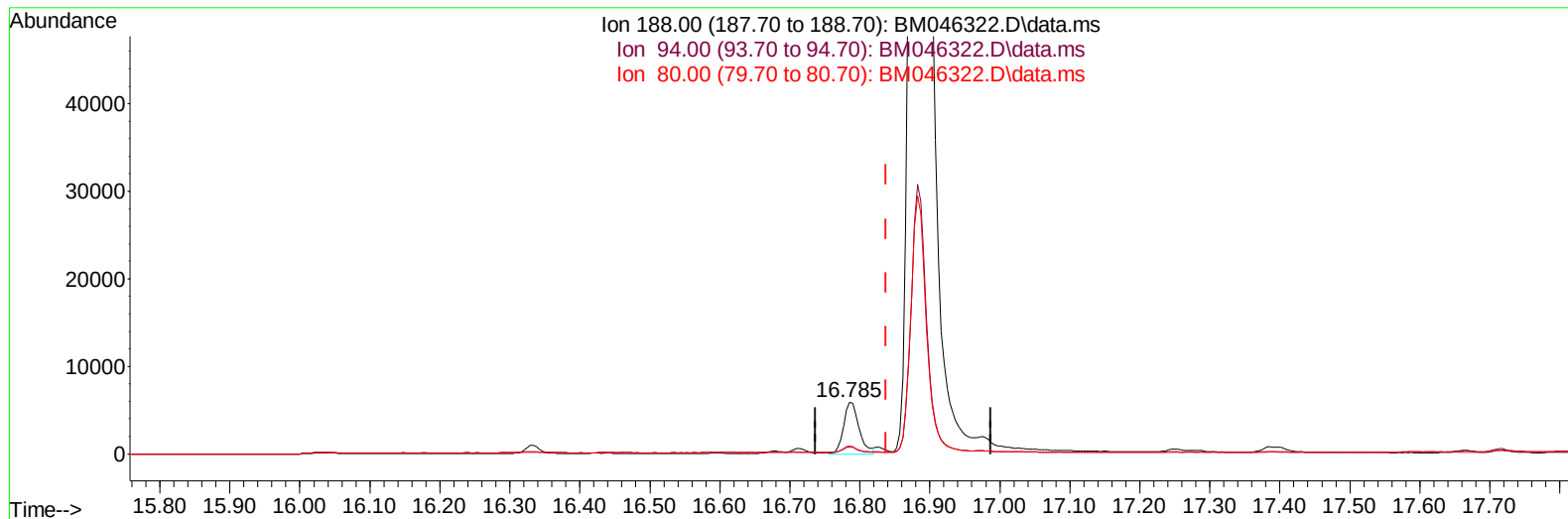
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
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Instrument :
BNA_M
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TIC: BM046322.D\data.ms

(13) Phenanthrene-d10 (I)

16.785min (-0.052) 0.40 ng/u1 m

response 9070

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	13.34
80.00	15.20	14.87
0.00	0.00	0.00

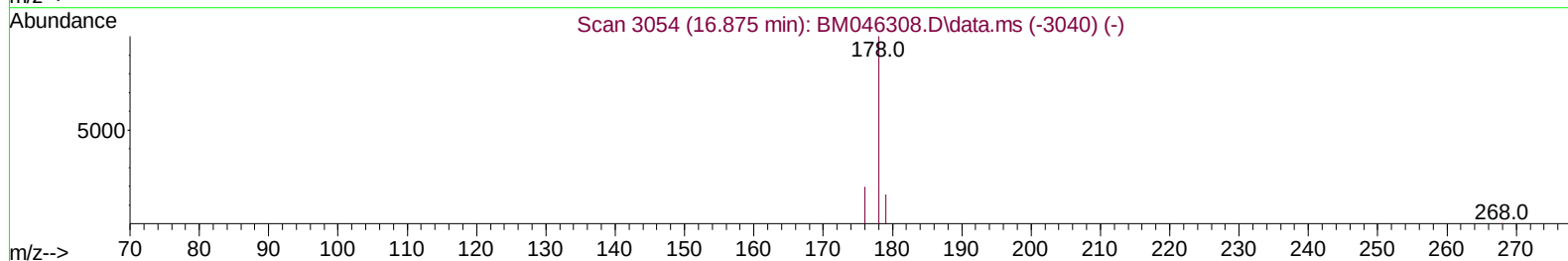
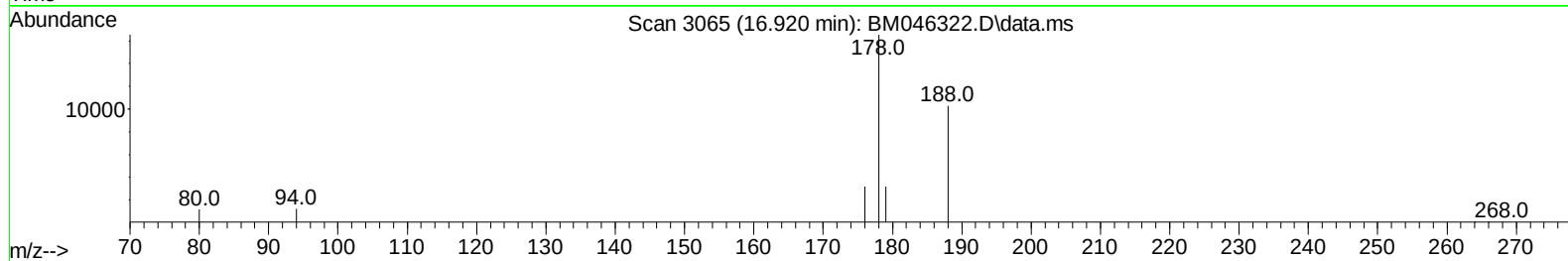
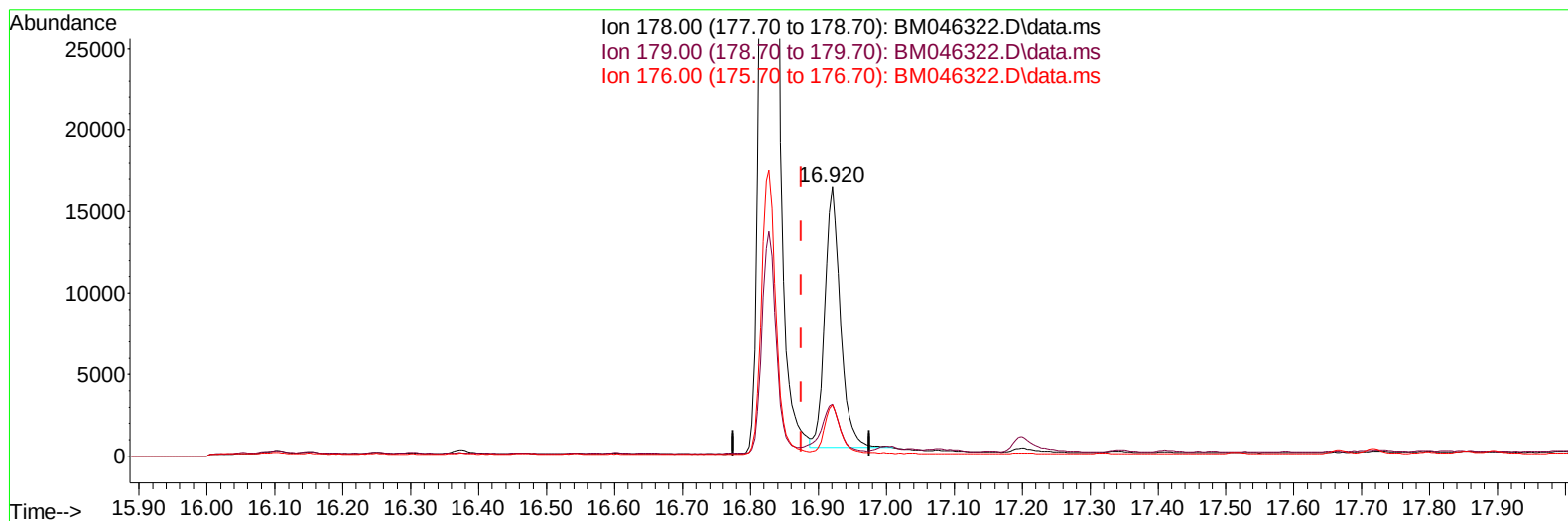
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

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TIC: BM046322.D\data.ms

(15) Phenanthrene

16.920min (+ 0.045) 1.00 ng/u1

response 25543

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	19.15
176.00	21.40	19.09
0.00	0.00	0.00

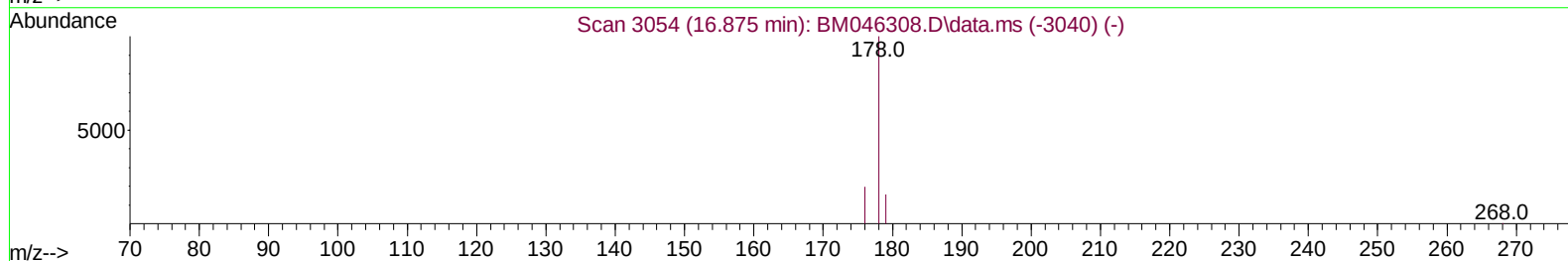
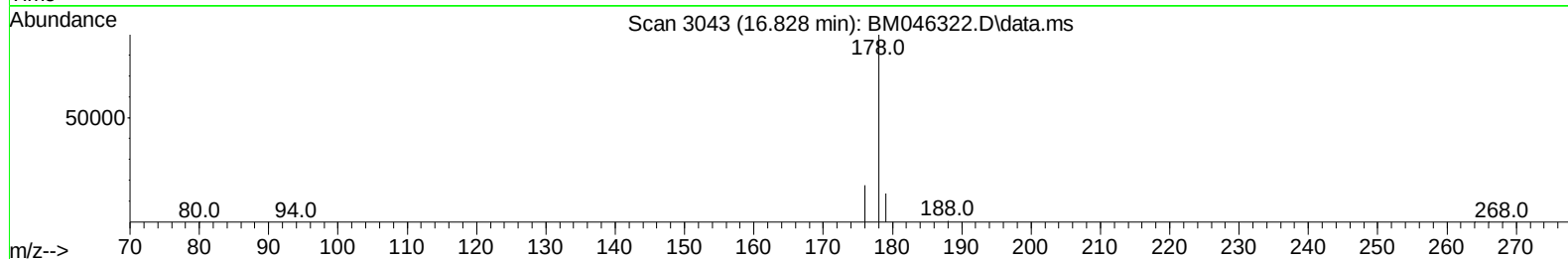
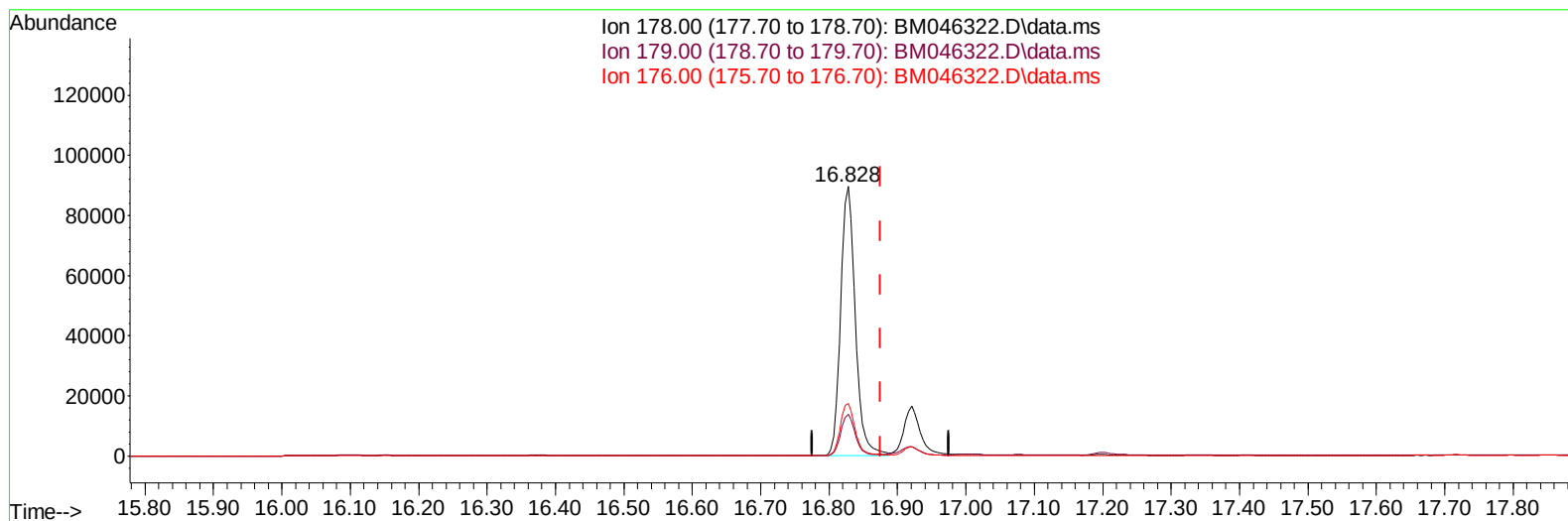
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046322.D
 Acq On : 26 Jun 2024 10:18
 Operator : MA/JU
 Sample : P2909-19
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 2024
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 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
 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046322.D\data.ms

(15) Phenanthrene

16.828min (-0.048) 5.21 ng/ul m

response 132775

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.37
176.00	21.40	19.59
0.00	0.00	0.00

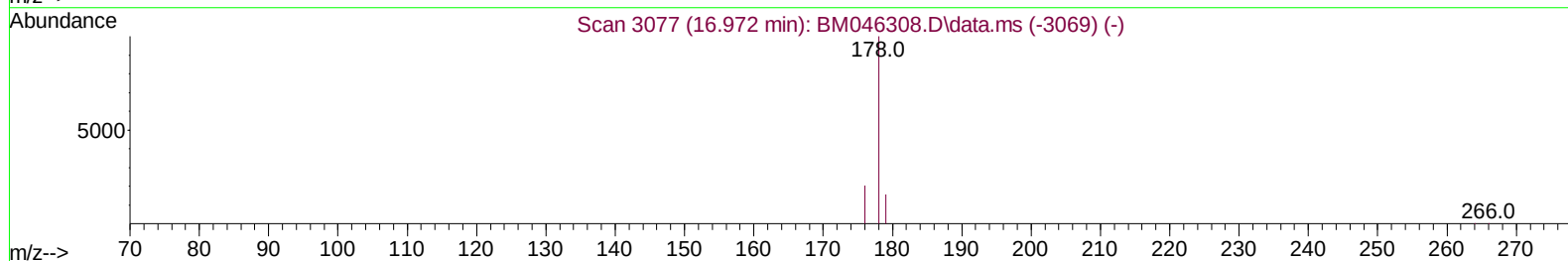
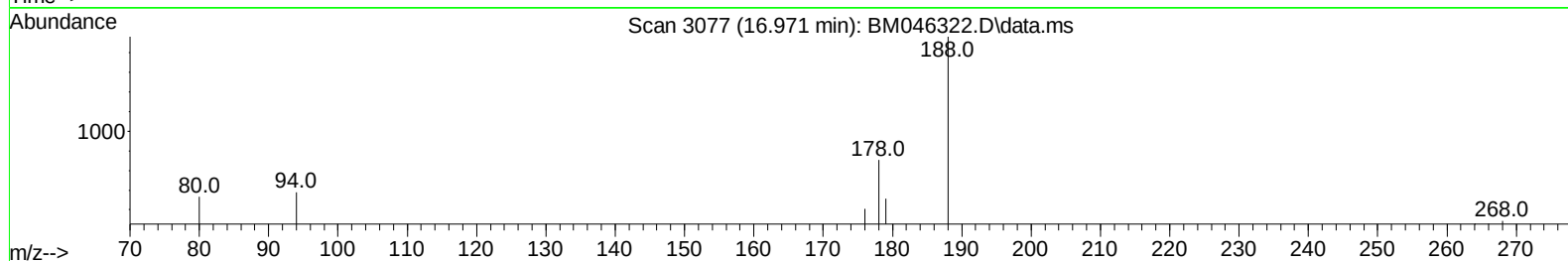
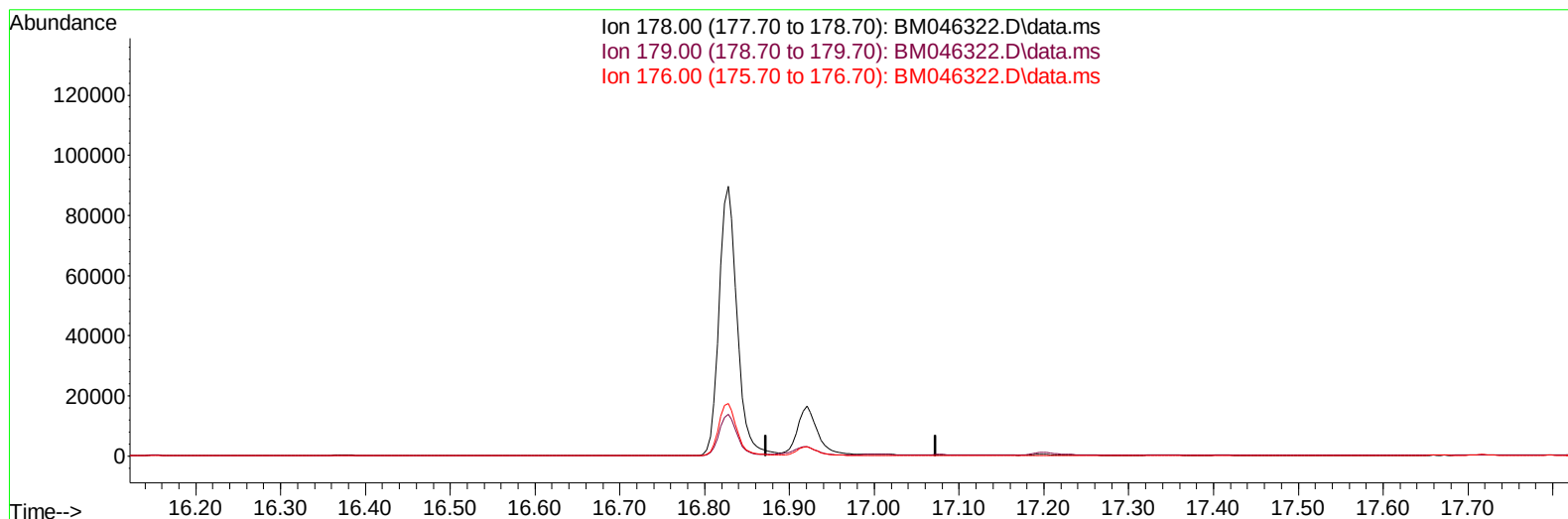
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 2024
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TIC: BM046322.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

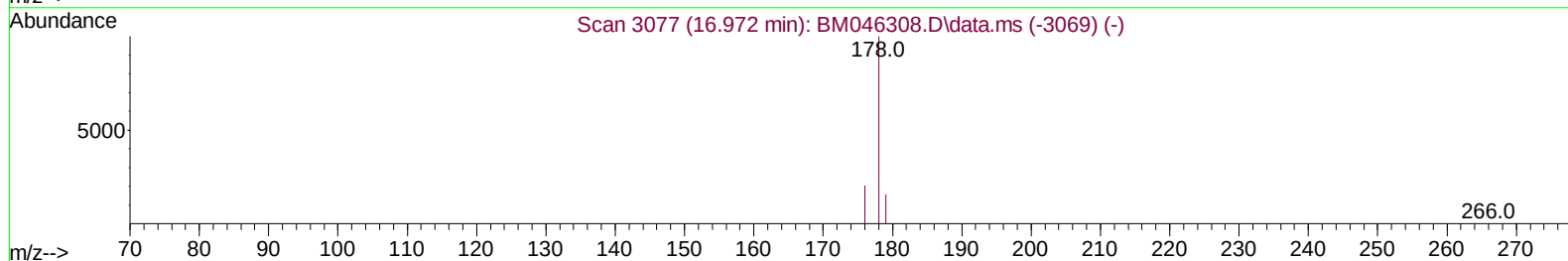
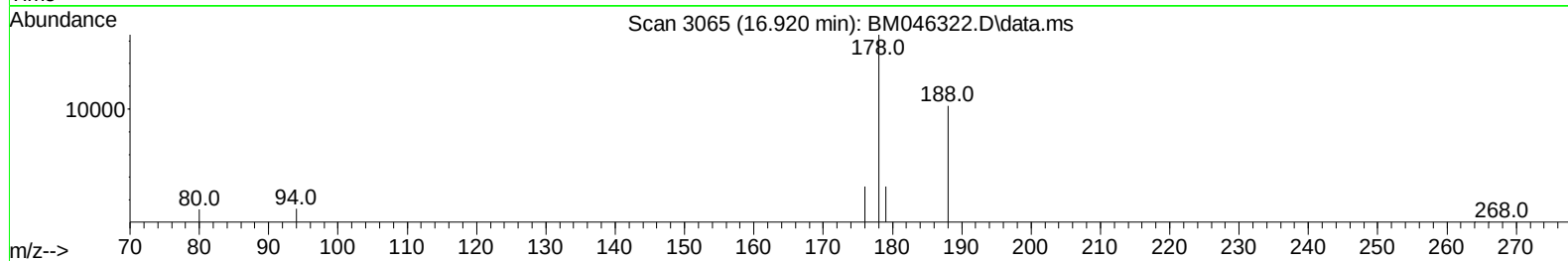
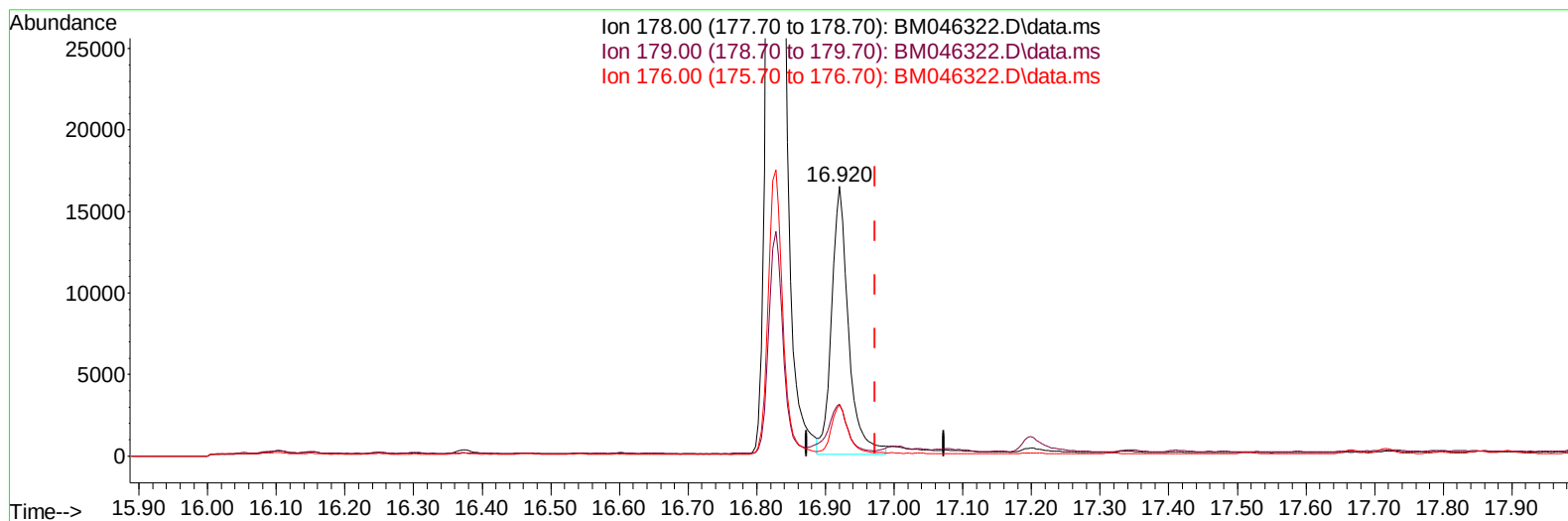
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046322.D\data.ms

(16) Anthracene

16.920min (-0.052) 1.48 ng/ul m

response 28013

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	19.15
176.00	21.20	19.09
0.00	0.00	0.00

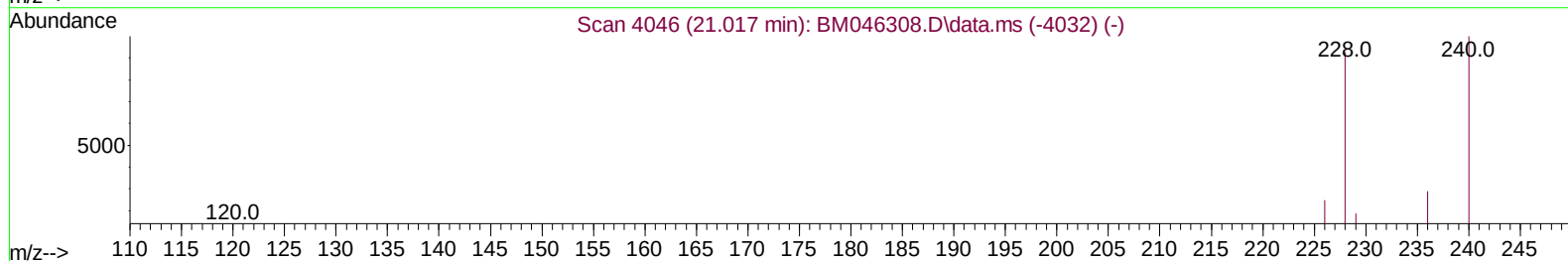
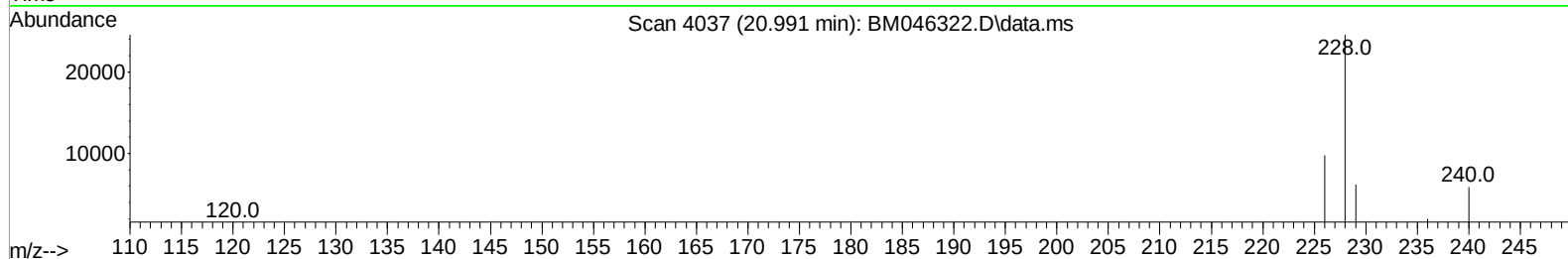
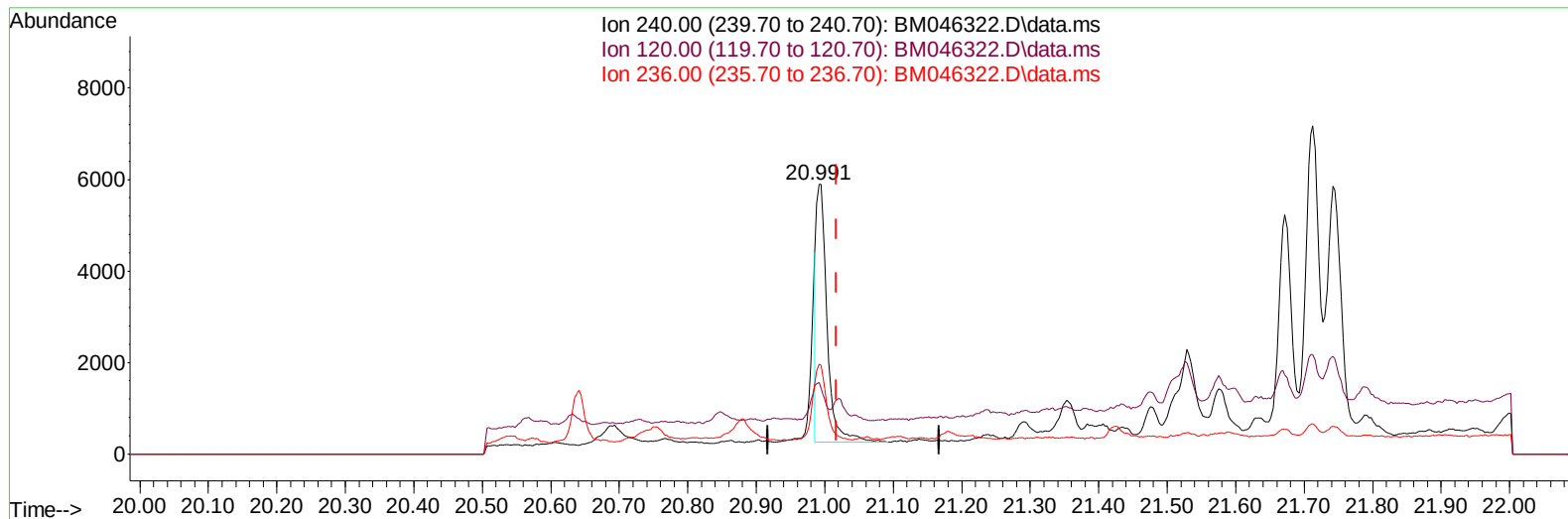
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

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TIC: BM046322.D\data.ms

(17) Chrysene-d12

20.991min (-0.026) 0.40 ng/u1

response 6104

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	26.63
236.00	33.60	33.46
0.00	0.00	0.00

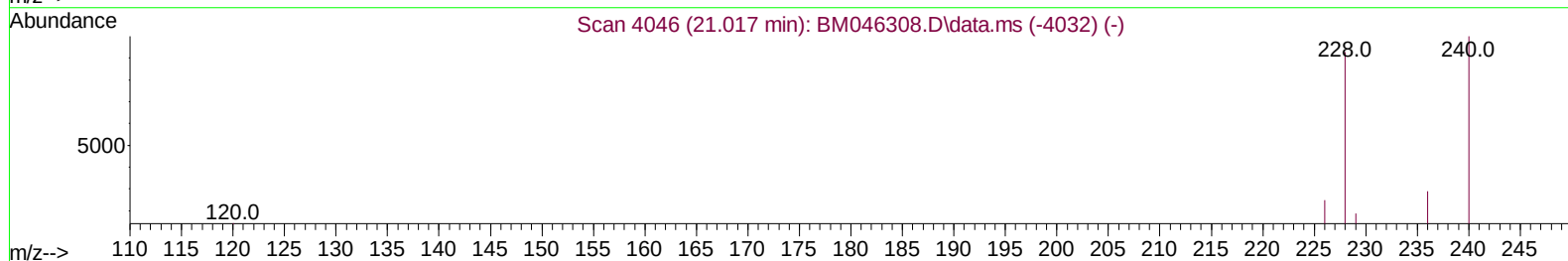
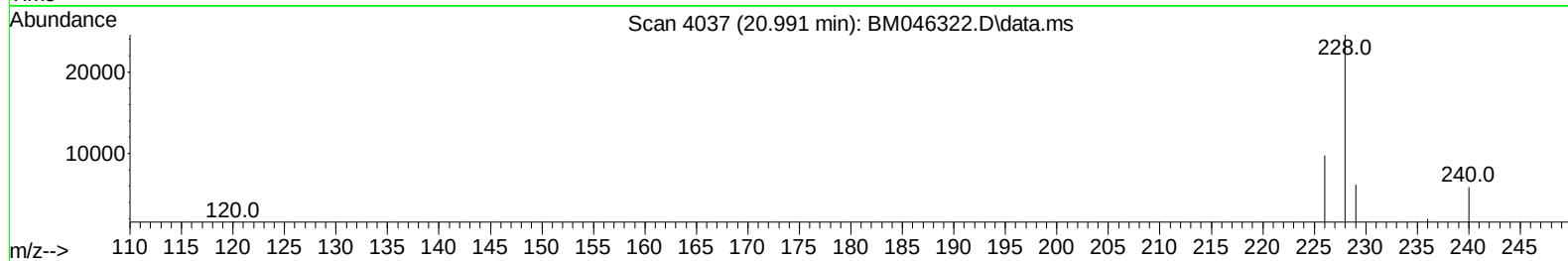
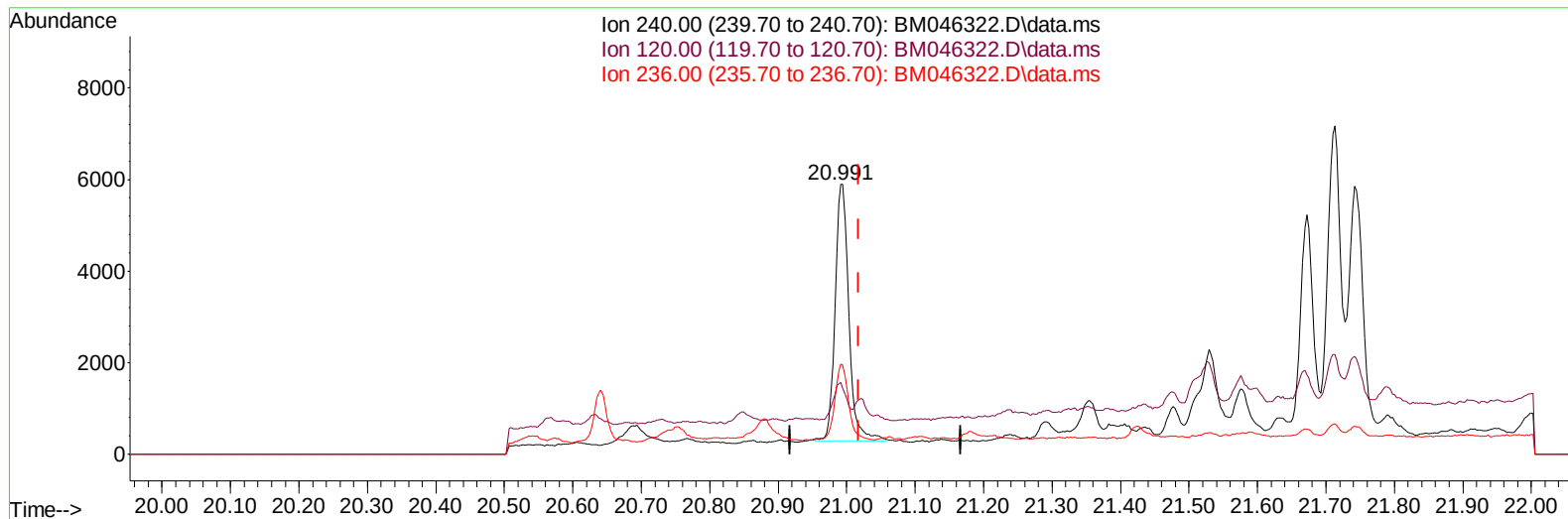
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 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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TIC: BM046322.D\data.ms

(17) Chrysene-d12

20.991min (-0.026) 0.40 ng/ul m

response 7751

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	26.63
236.00	33.60	33.46
0.00	0.00	0.00

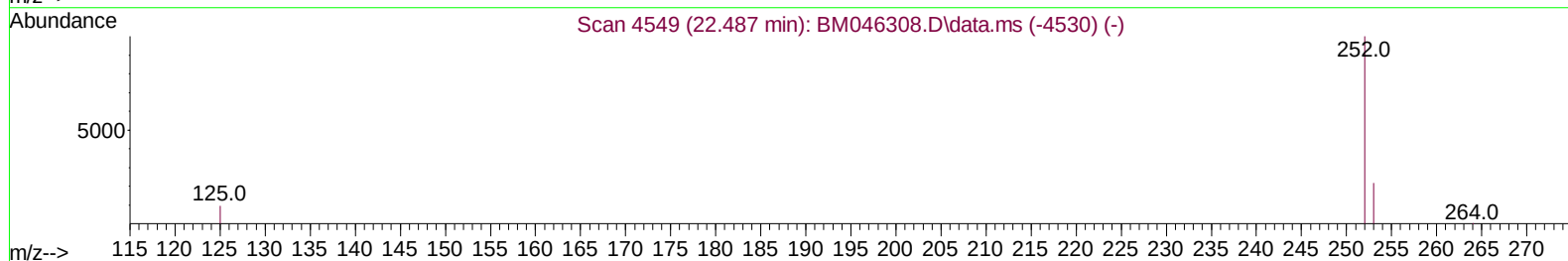
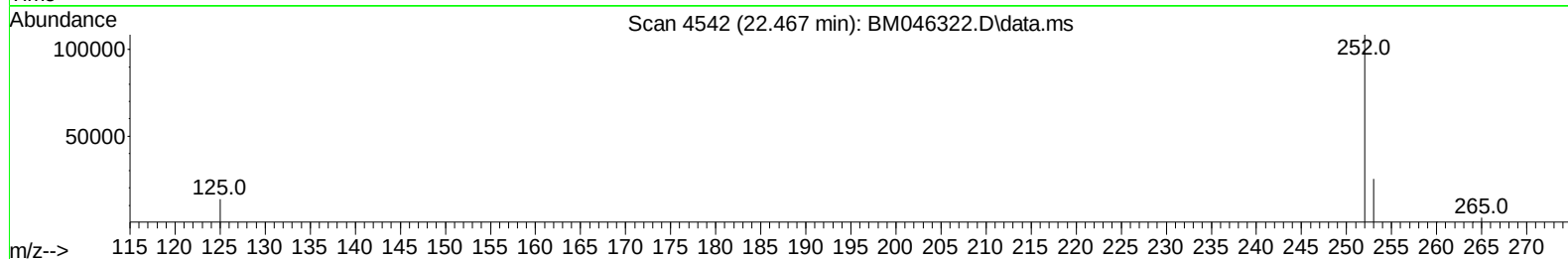
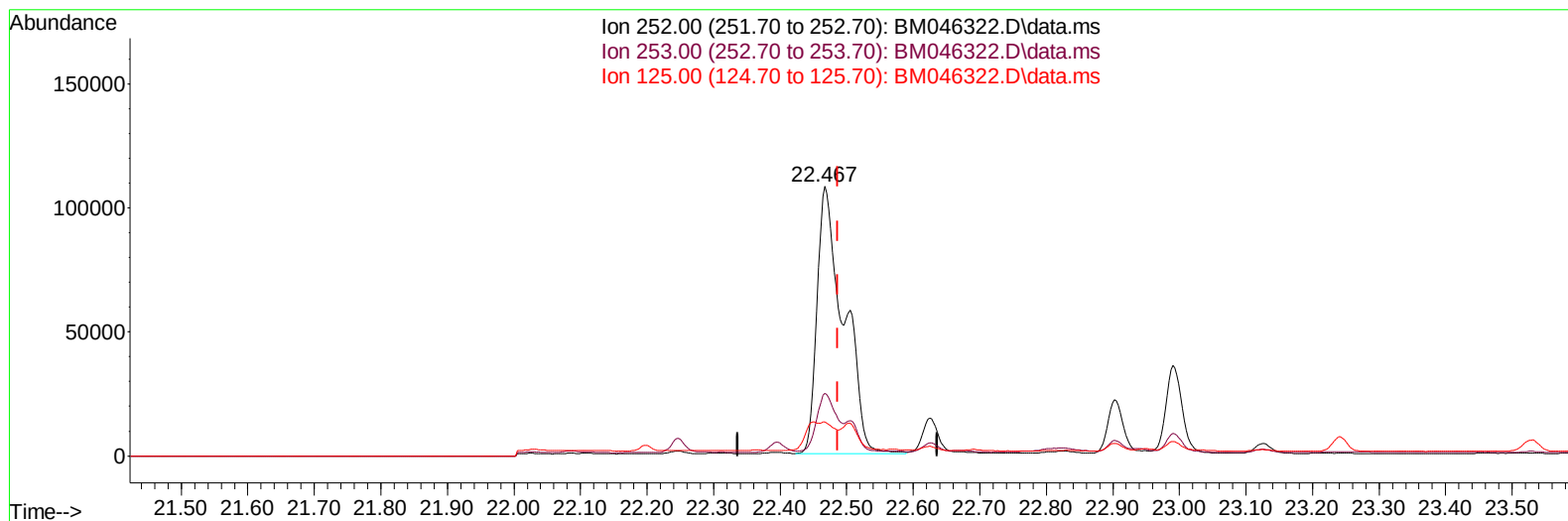
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

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TIC: BM046322.D\data.ms

(24) Benzo(b)fluoranthene

22.467min (-0.020) 9.42 ng/u1

response 297145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.29
125.00	20.10	12.54
0.00	0.00	0.00

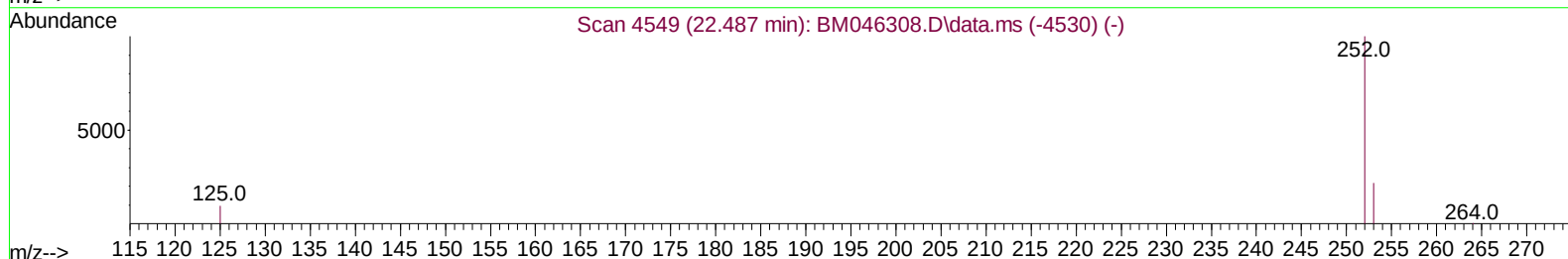
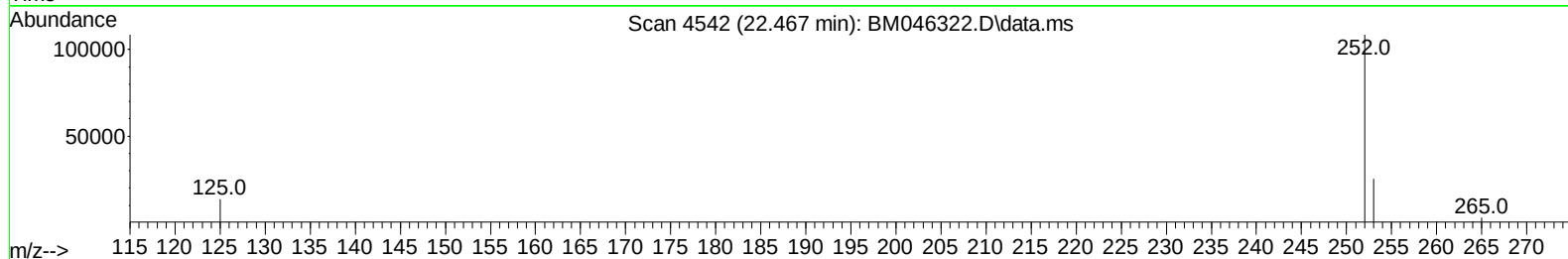
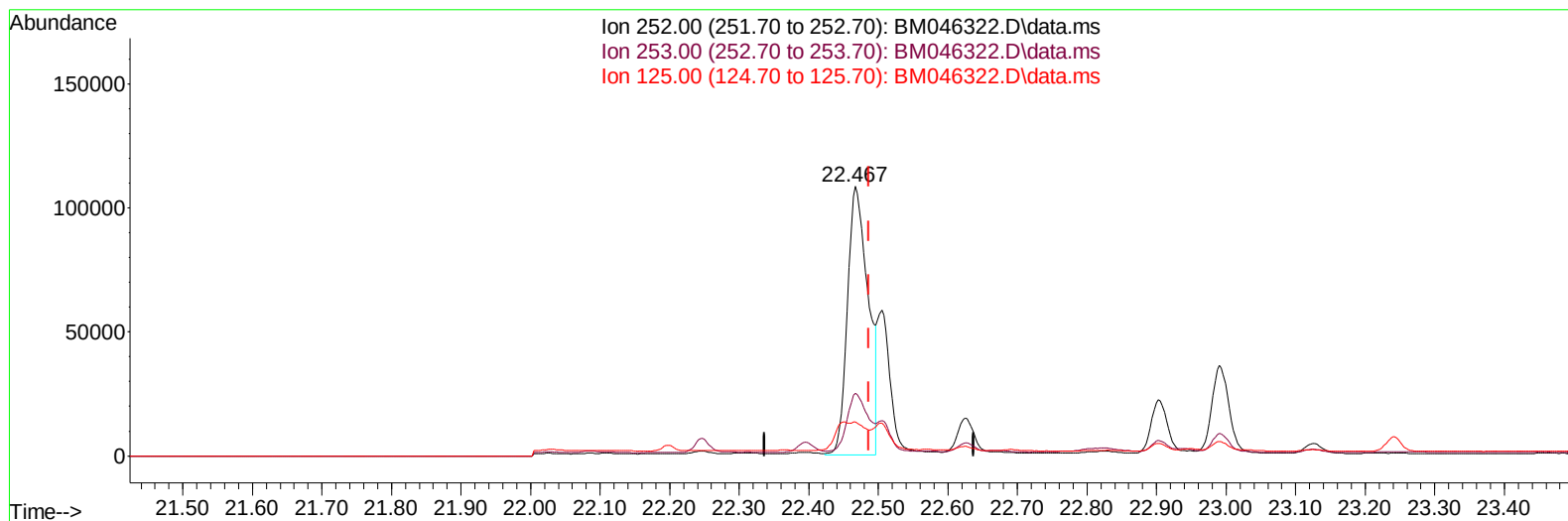
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

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

Quant Time: Jun 26 11:38:37 2024
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TIC: BM046322.D\data.ms

(24) Benzo(b)fluoranthene

22.467min (-0.020) 7.11 ng/u l m

response 224360

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.29
125.00	20.10	12.54
0.00	0.00	0.00

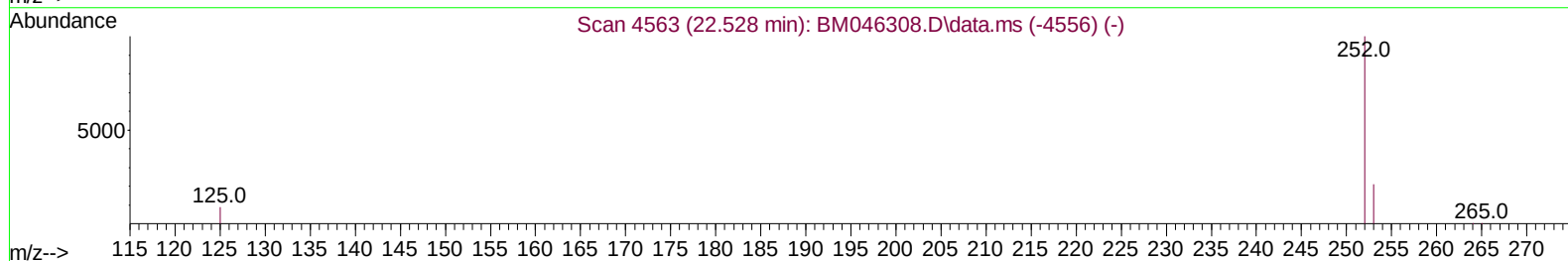
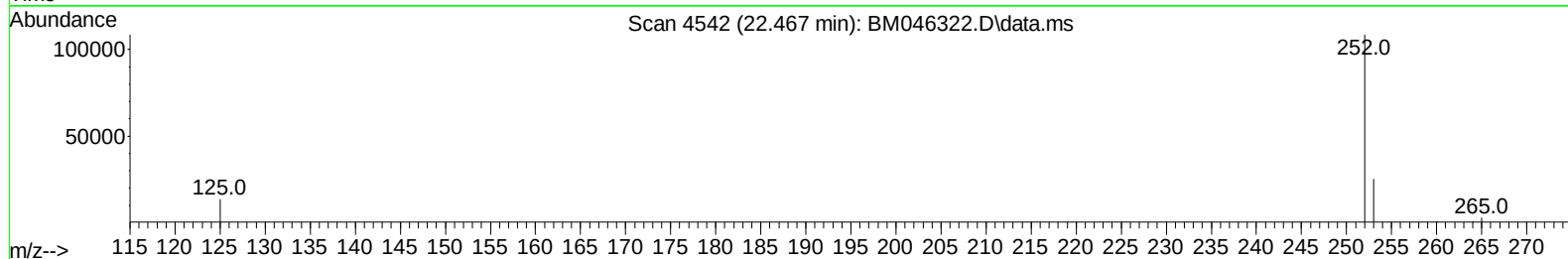
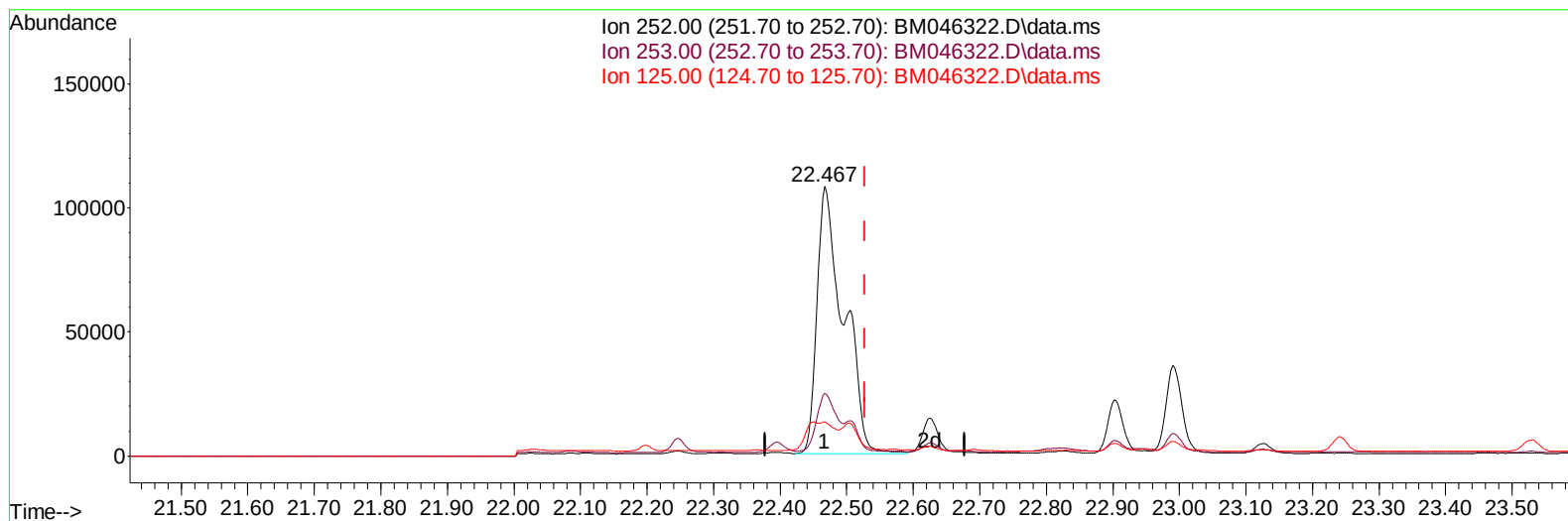
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 2024
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TIC: BM046322.D\data.ms

(25) Benzo(k)fluoranthene

22.467min (-0.061) 7.92 ng/u1

response 297145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.29#
125.00	20.80	12.54#
0.00	0.00	0.00

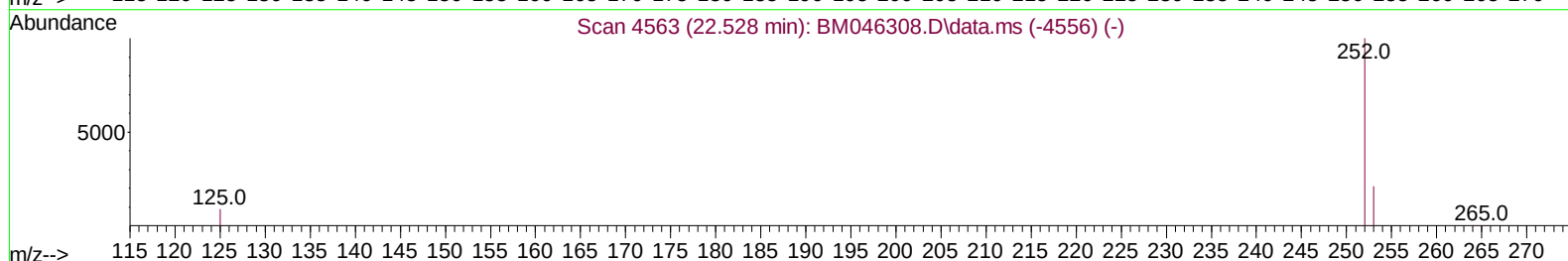
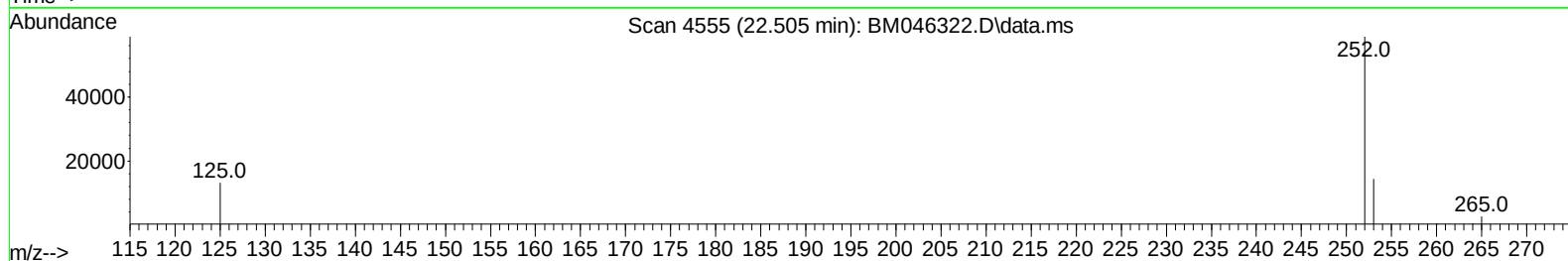
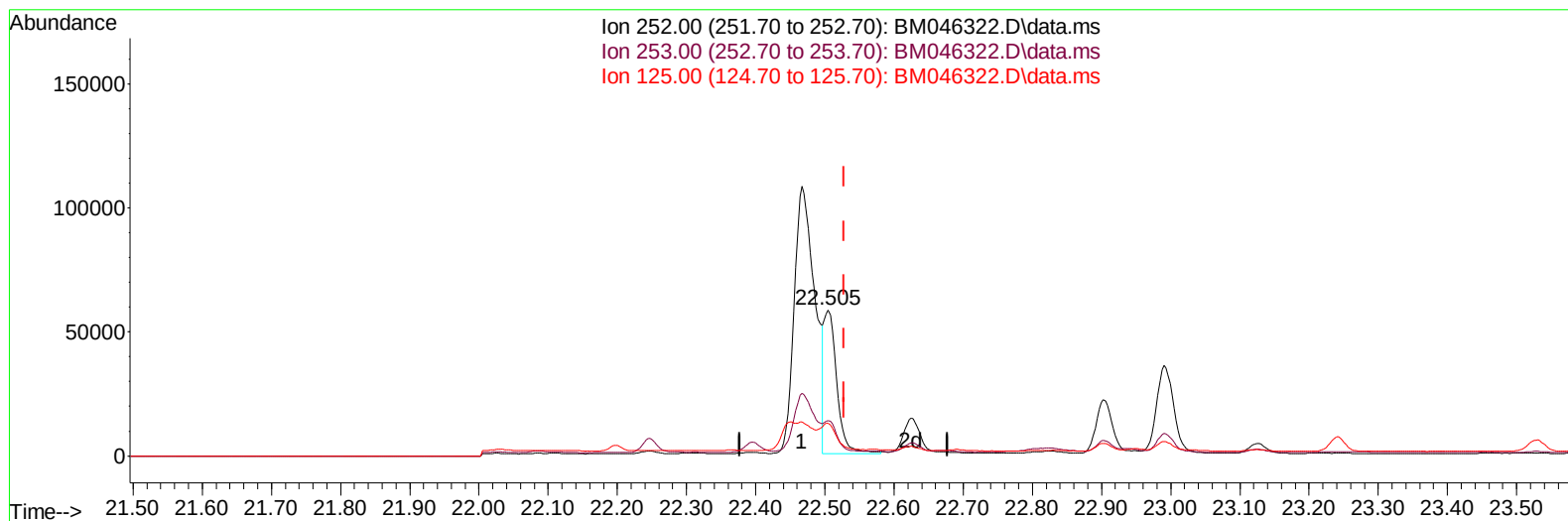
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

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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: BM046322.D\data.ms

(25) Benzo(k)fluoranthene

22.505min (-0.023) 1.99 ng/u1 m

response 74683

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.42#
125.00	20.80	22.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046322.D
 Acq On : 26 Jun 2024 10:18
 Operator : MA/JU
 Sample : P2909-19
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B42

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	2072	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.165	136	6214	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.038	164	3701	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.785	188	9070m	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	7751m	0.400	ng/ul	-0.03
23) Perylene-d12	23.081	264	8754	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	6731	2.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.788	152	1820	0.218	ng/ul	-0.06
18) Fluoranthene-d10	18.820	212	5571	0.240	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.215	128	5776	0.333	ng/ul	98
7) 2-Methylnaphthalene	11.859	142	1628	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.068	142	1207	0.113	ng/ul	96
10) Acenaphthylene	13.756	152	7975	0.454	ng/ul	100
11) Acenaphthene	14.103	153	4906	0.387	ng/ul	98
12) Fluorene	15.098	166	7130	0.524	ng/ul	99
15) Phenanthrene	16.828	178	132775m	5.210	ng/ul	
16) Anthracene	16.920	178	28013m	1.476	ng/ul	
19) Fluoranthene	18.852	202	306950	9.146	ng/ul	96
20) Pyrene	19.215	202	181765	5.008	ng/ul	96
21) Benzo(a)anthracene	20.974	228	138765	4.635	ng/ul	99
22) Chrysene	21.026	228	155486	4.069	ng/ul	99
24) Benzo(b)fluoranthene	22.467	252	224360m	7.114	ng/ul	
25) Benzo(k)fluoranthene	22.505	252	74683m	1.992	ng/ul	
26) Benzo(a)pyrene	22.990	252	60953	2.086	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.119	276	73844	1.544	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.122	278	28744	0.807	ng/ul#	86
29) Benzo(g,h,i)perylene	25.746	276	10257	0.250	ng/ul#	83

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B42

Manual IntegrationsAPPROVED

Quant Time: Jun 26 11:38:37 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

