

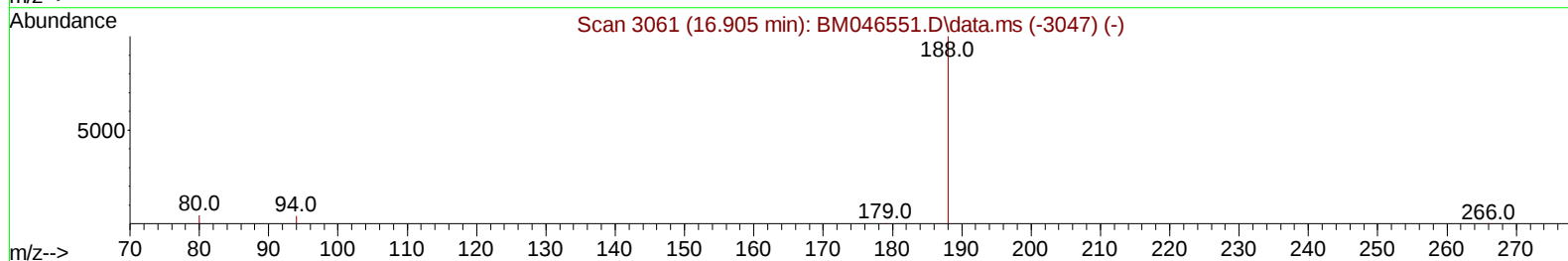
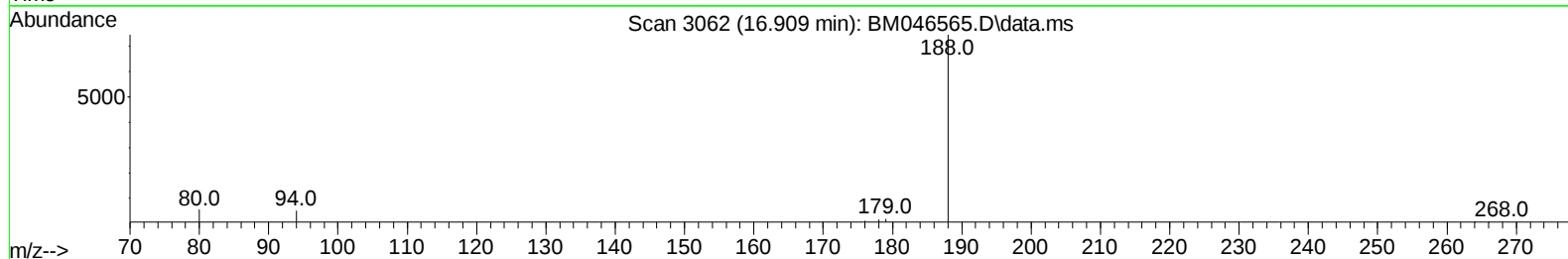
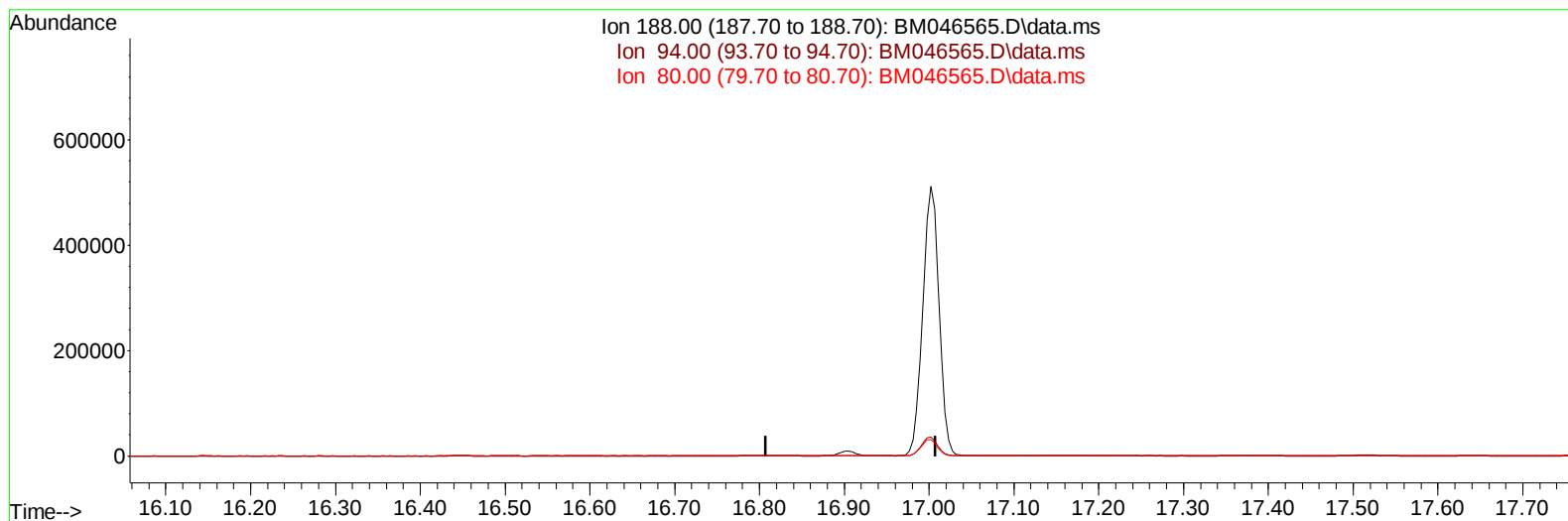
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046565.D\data.ms

(13) Phenanthrene-d10 (I)

16.908min (-16.908) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.40	0.00#
80.00	6.60	0.00#
0.00	0.00	0.00

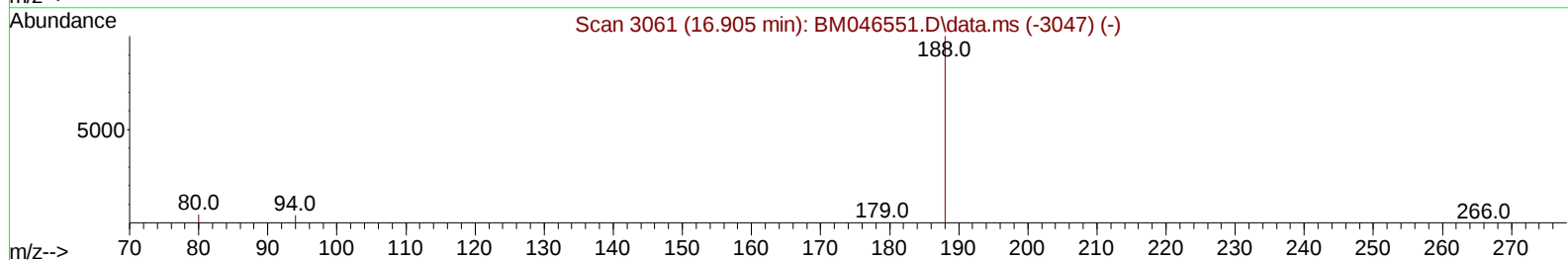
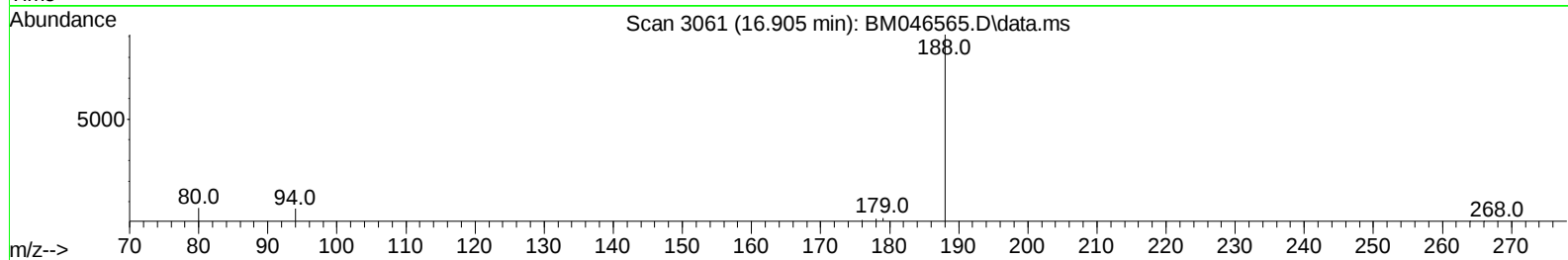
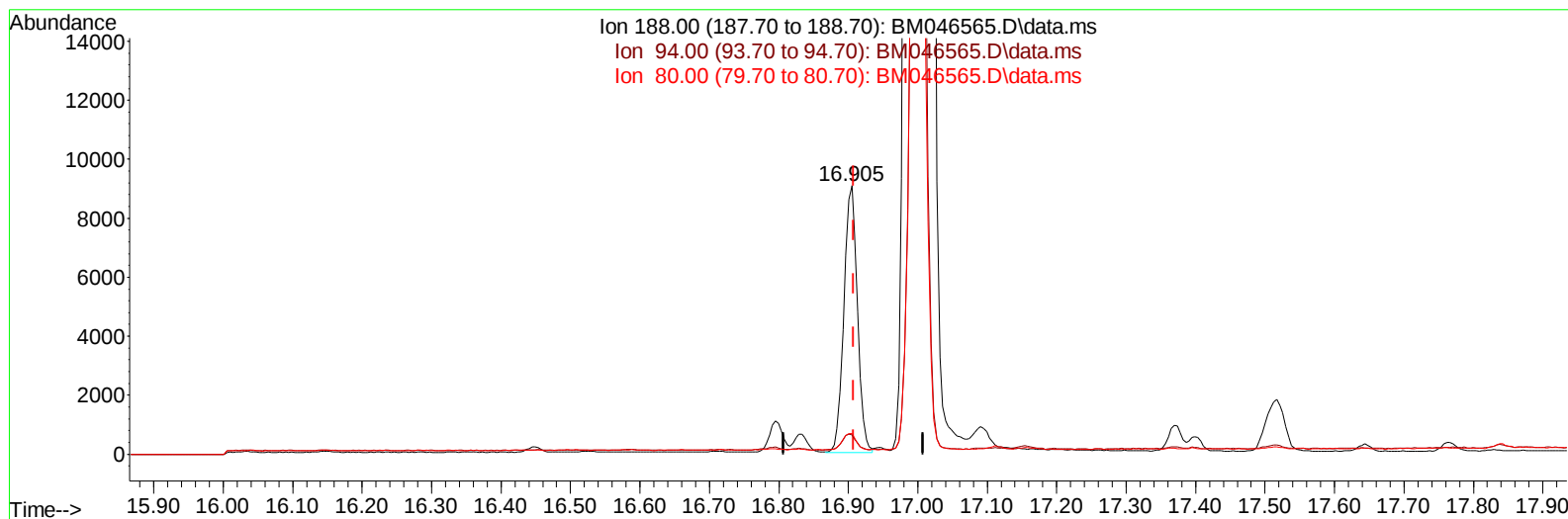
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:25:06 2024
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Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046565.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (-0.003) 0.40 ng/u1 m

response 12252

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.40	7.18
80.00	6.60	7.63
0.00	0.00	0.00

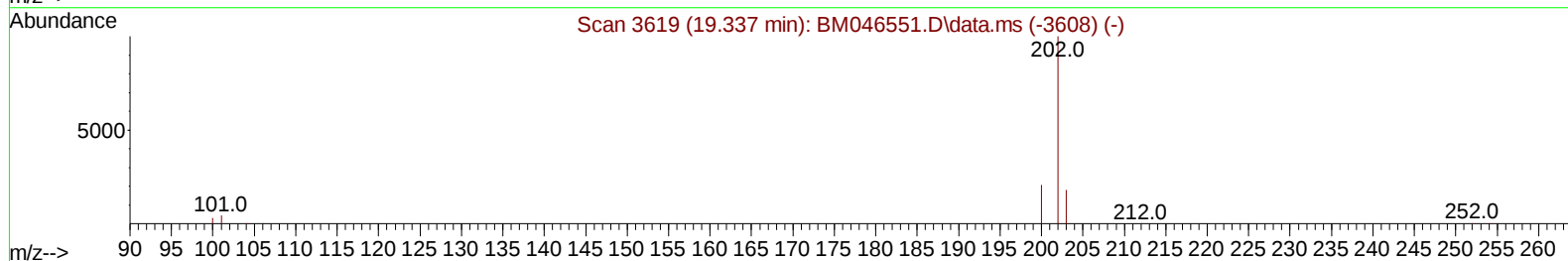
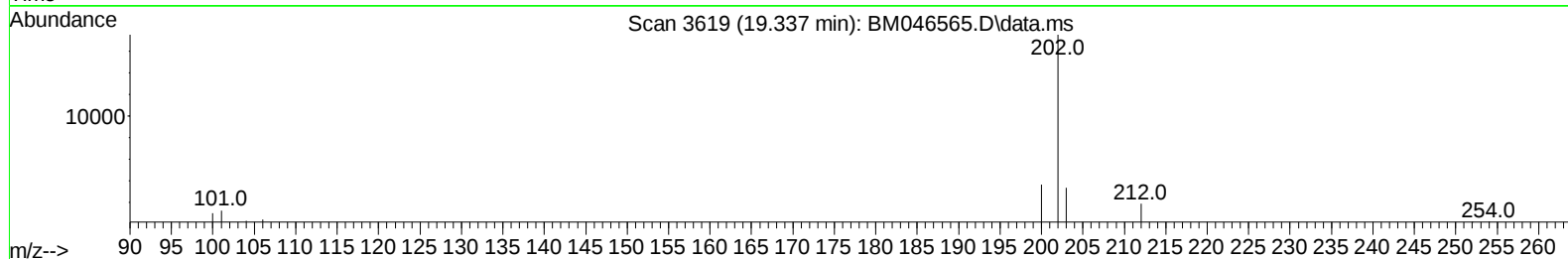
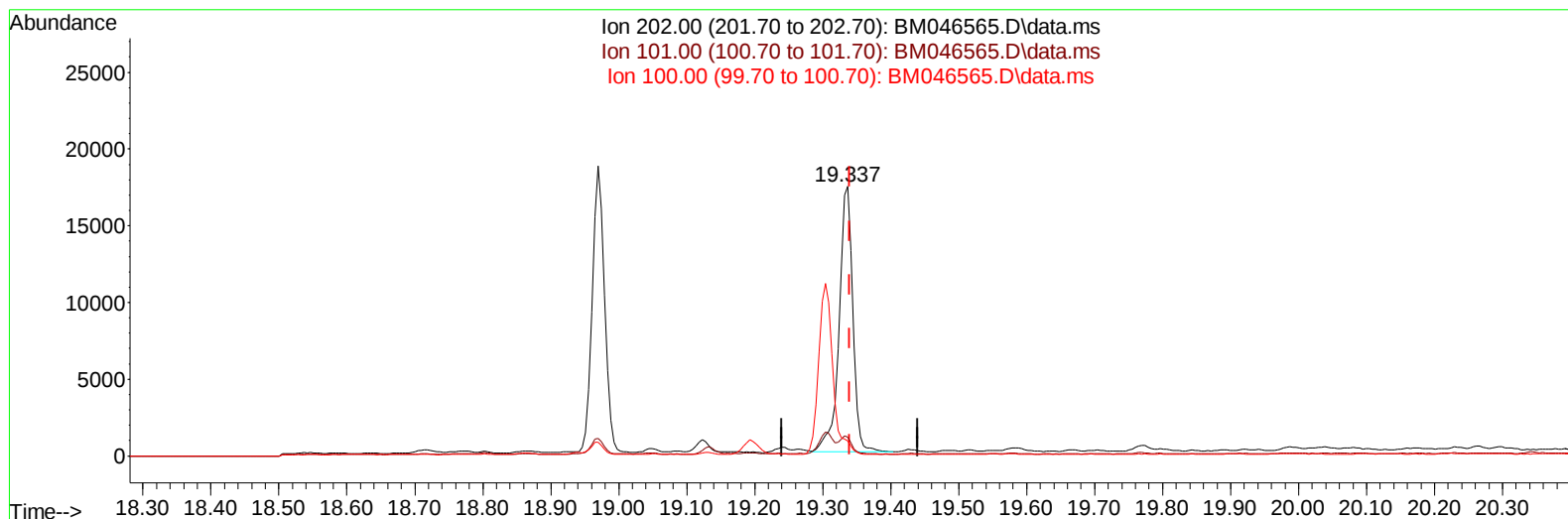
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:25:06 2024
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Supervised By :mohammad ahmed 07/16/2024



TIC: BM046565.D\data.ms

(20) Pyrene

19.337min (-0.003) 0.58 ng/u1

response 24094

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	7.10
100.00	4.70	5.55
0.00	0.00	0.00

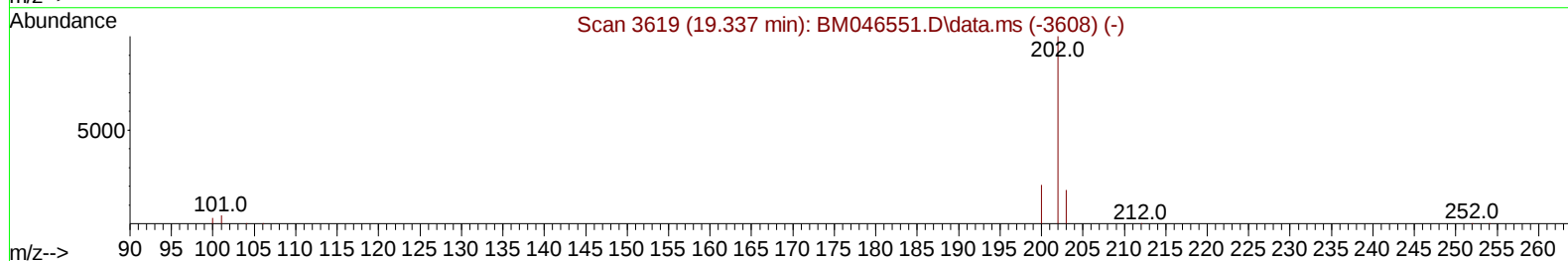
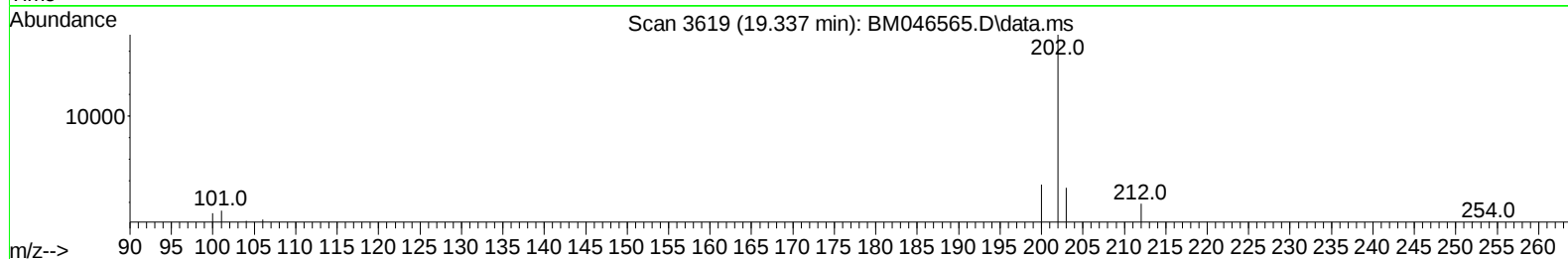
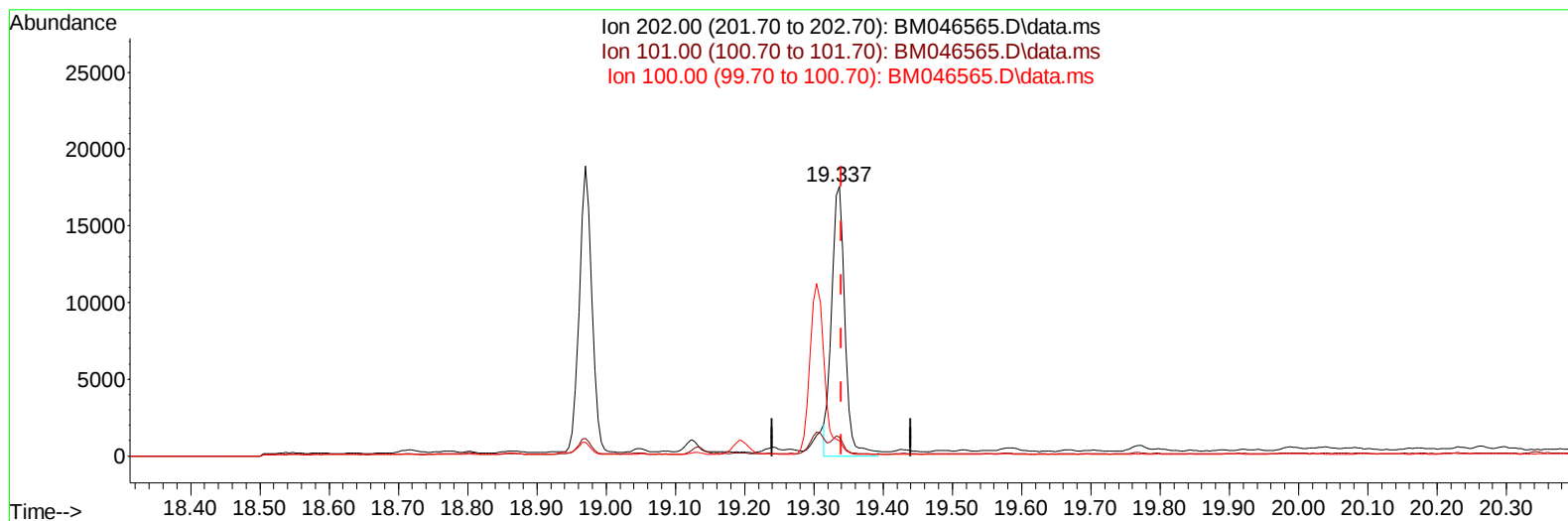
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/16/2024



TIC: BM046565.D\data.ms

(20) Pyrene

19.337min (-0.003) 0.57 ng/ul m

response 23850

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	7.10
100.00	4.70	5.55
0.00	0.00	0.00

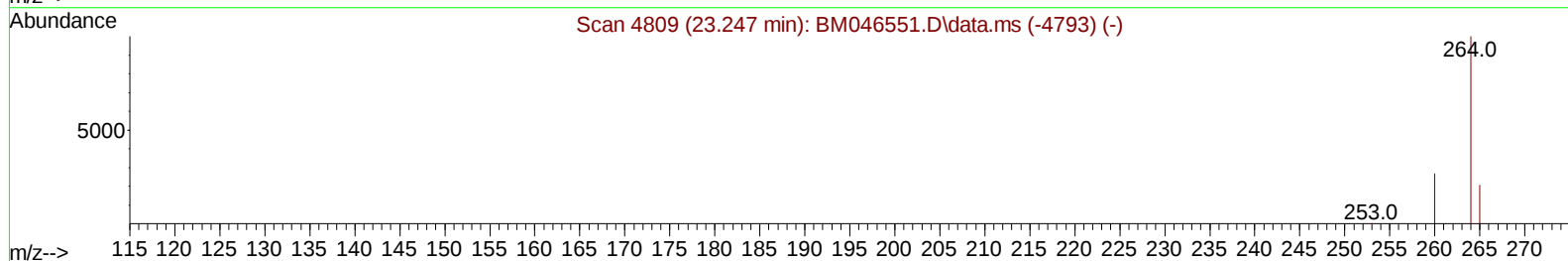
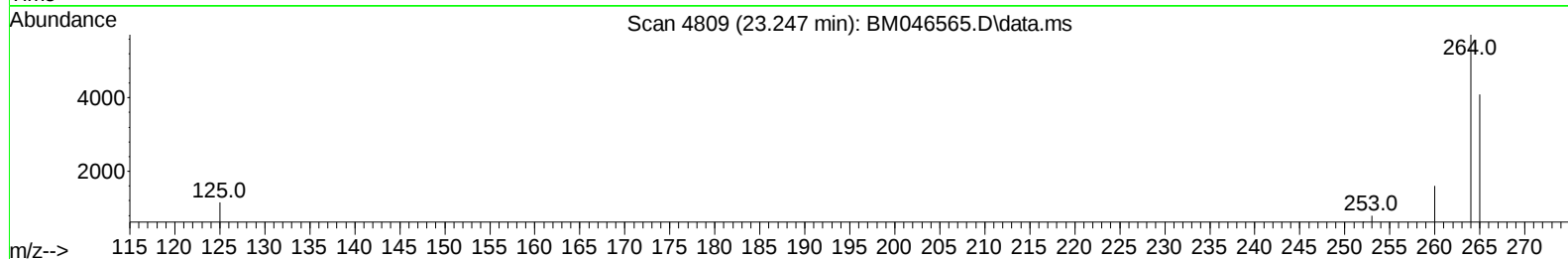
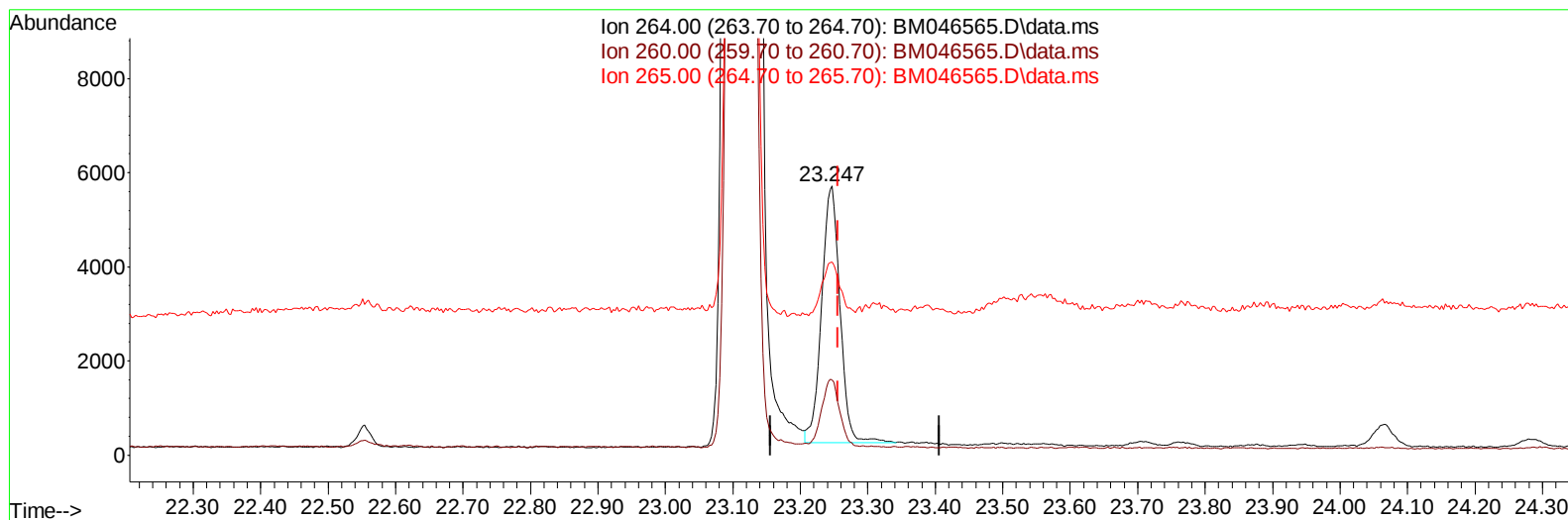
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
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Operator : MA/JU
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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TIC: BM046565.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/u1

response 10335

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	28.03
265.00	88.90	71.72
0.00	0.00	0.00

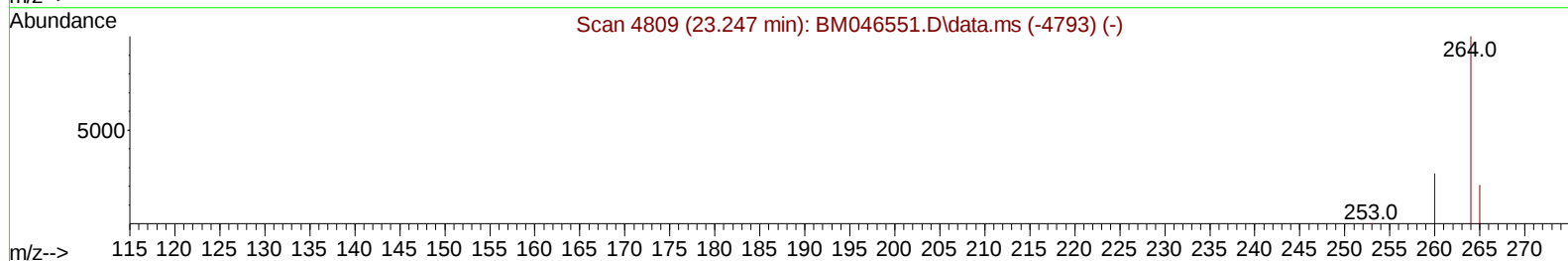
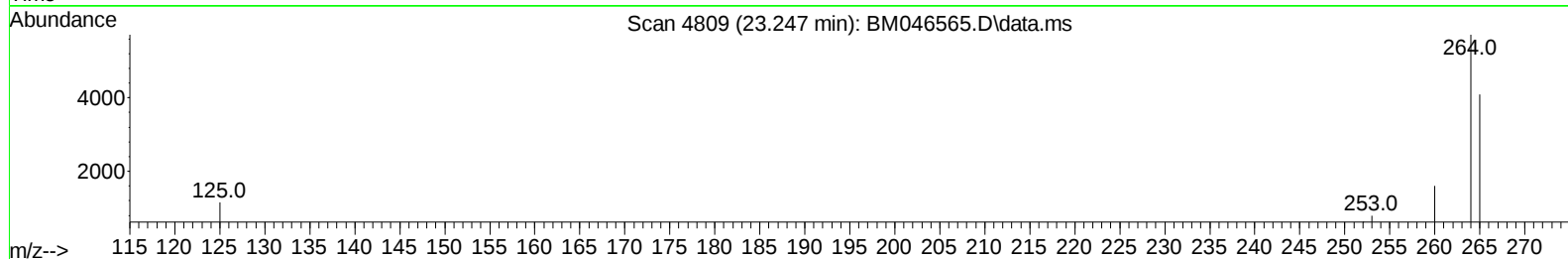
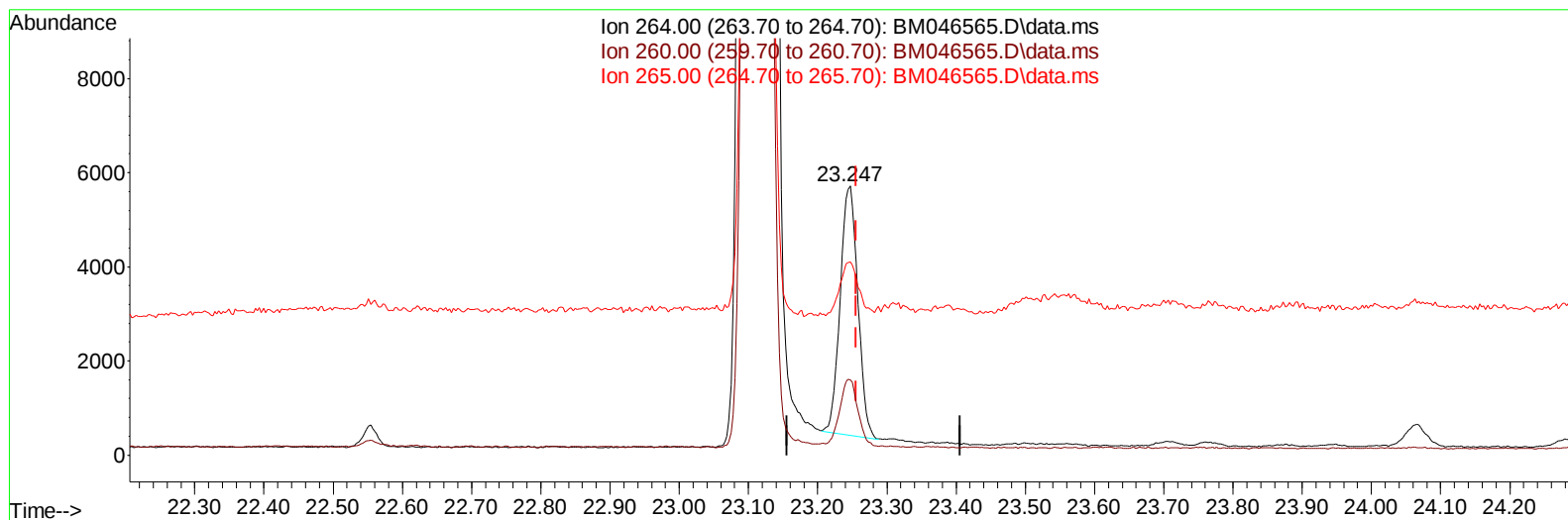
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046565.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/ul m

response 9389

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	28.03
265.00	88.90	71.72
0.00	0.00	0.00

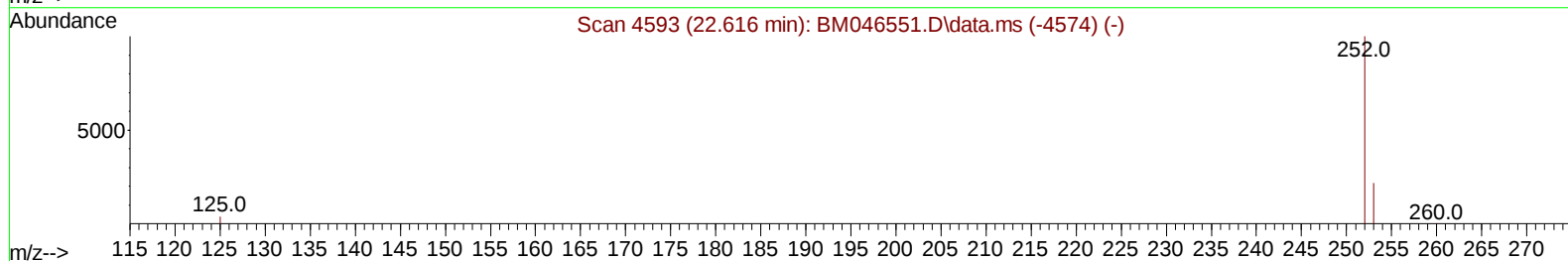
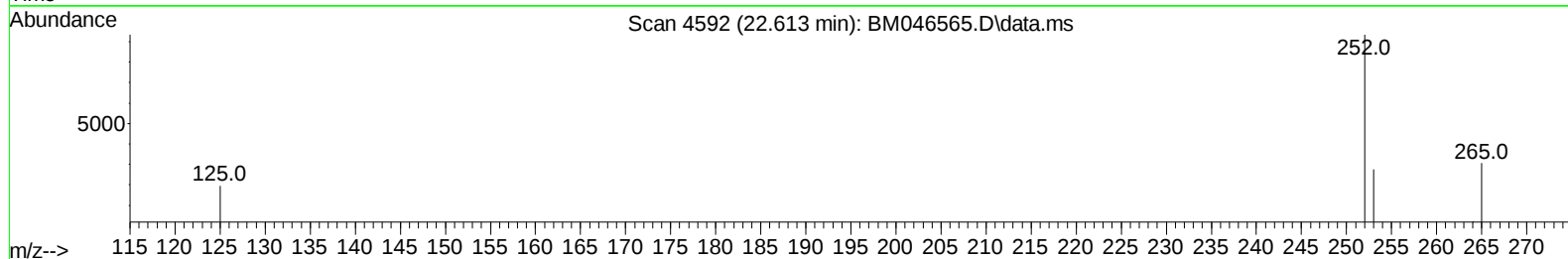
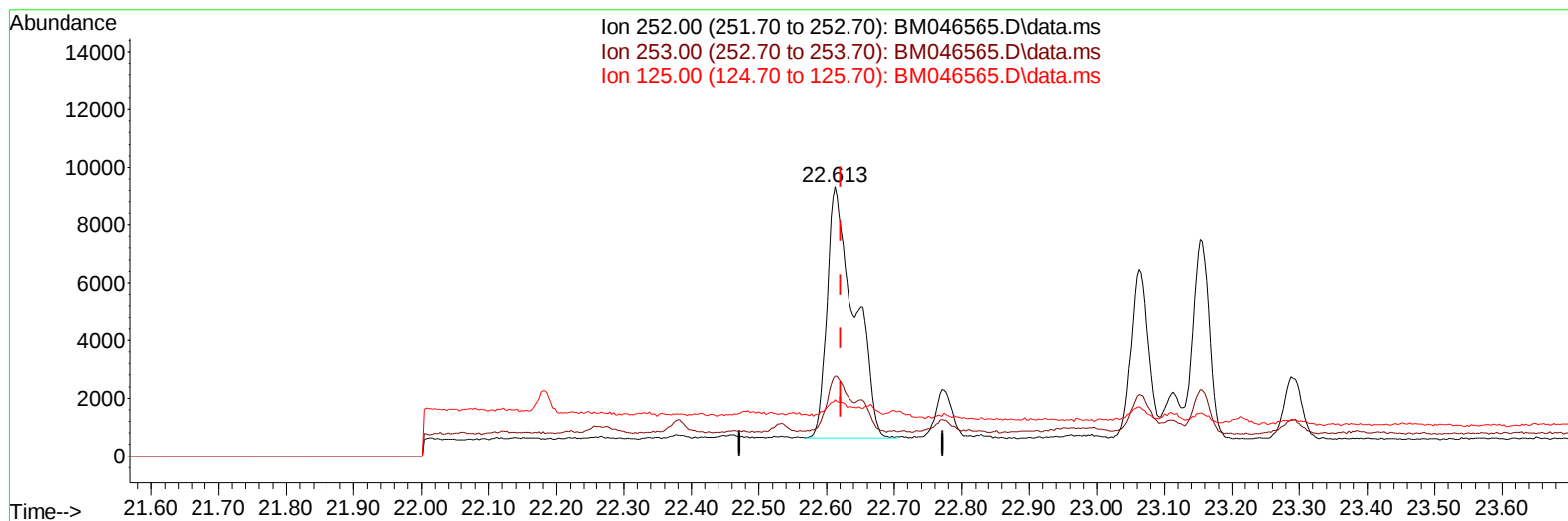
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

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TIC: BM046565.D\data.ms

(24) Benzo(b)fluoranthene

22.613min (-0.009) 0.65 ng/u1

response 24373

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	29.50
125.00	8.90	20.95#
0.00	0.00	0.00

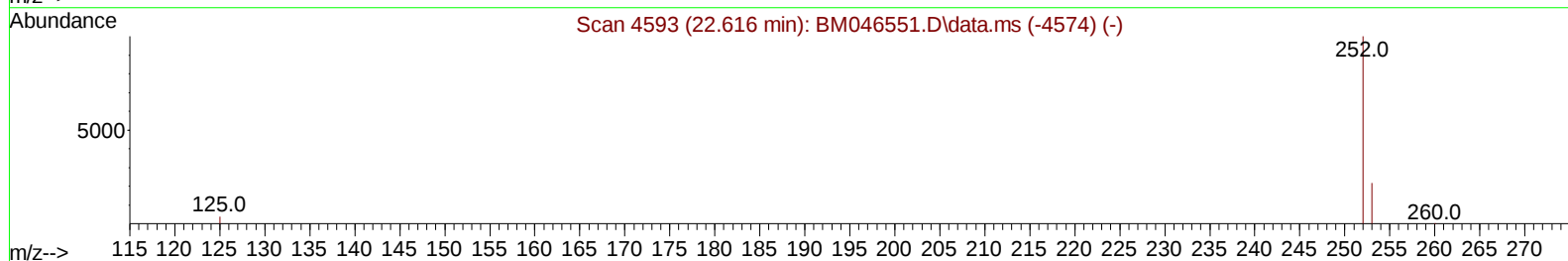
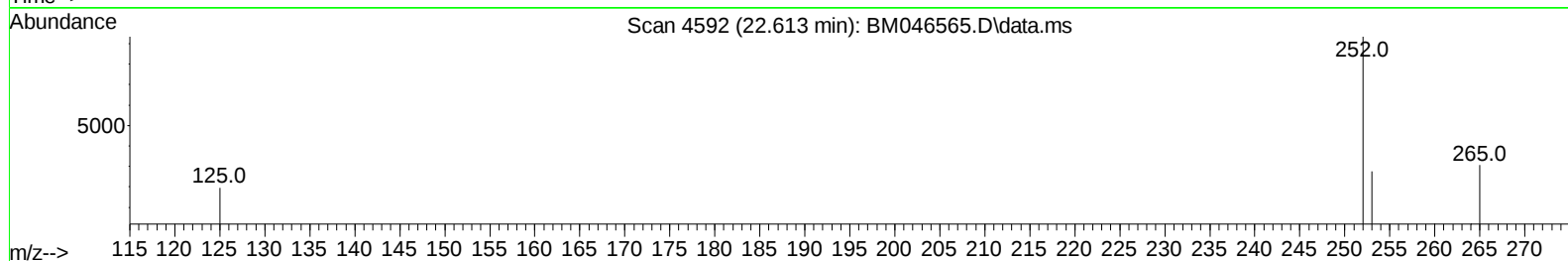
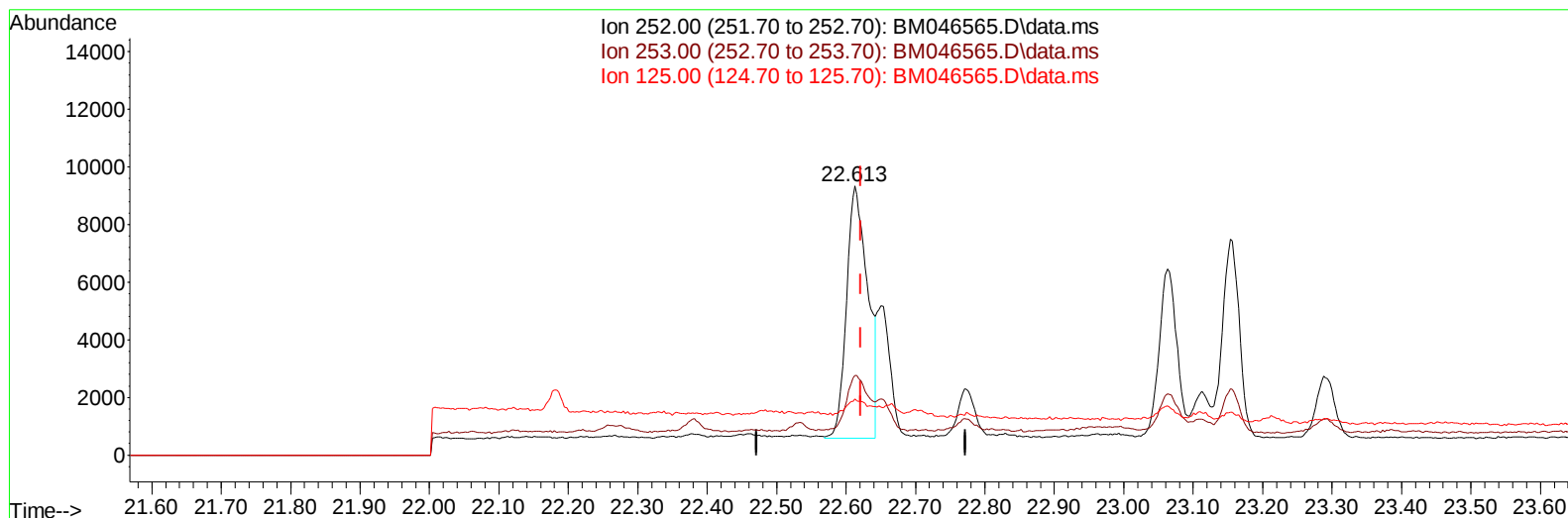
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 04:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration



TIC: BM046565.D\data.ms

(24) Benzo(b)fluoranthene

22.613min (-0.009) 0.49 ng/u1 m

response 18461

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	29.50
125.00	8.90	20.95#
0.00	0.00	0.00

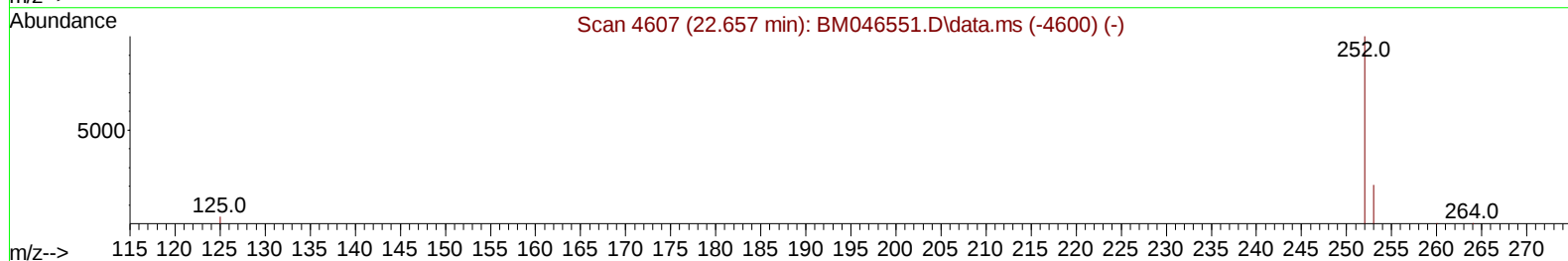
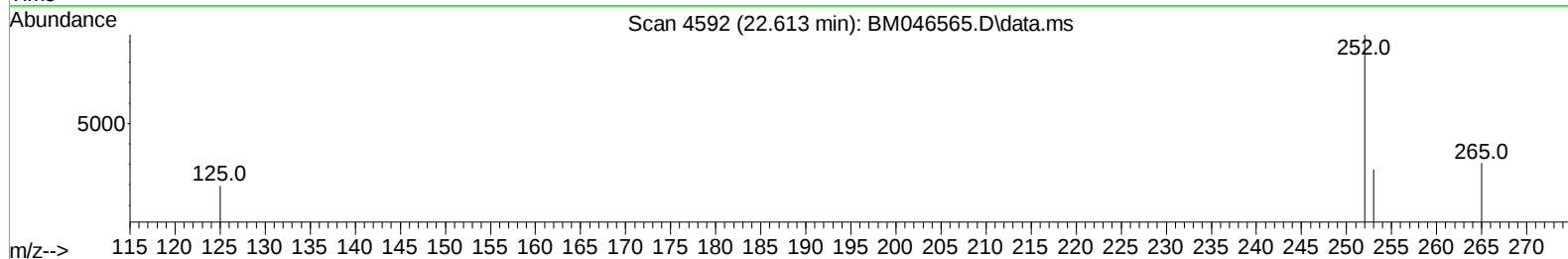
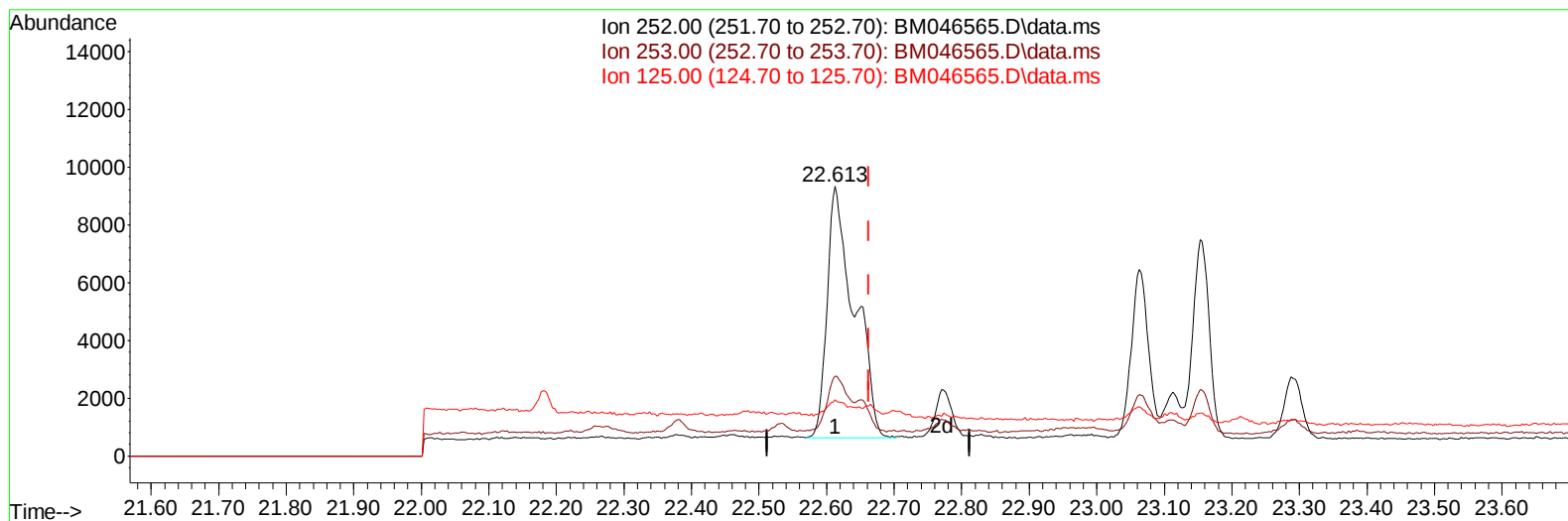
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

Manual IntegrationsAPPROVED

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TIC: BM046565.D\data.ms

(25) Benzo(k)fluoranthene

22.613min (-0.050) 0.66 ng/u1

response 24373

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	29.50
125.00	8.70	20.95#
0.00	0.00	0.00

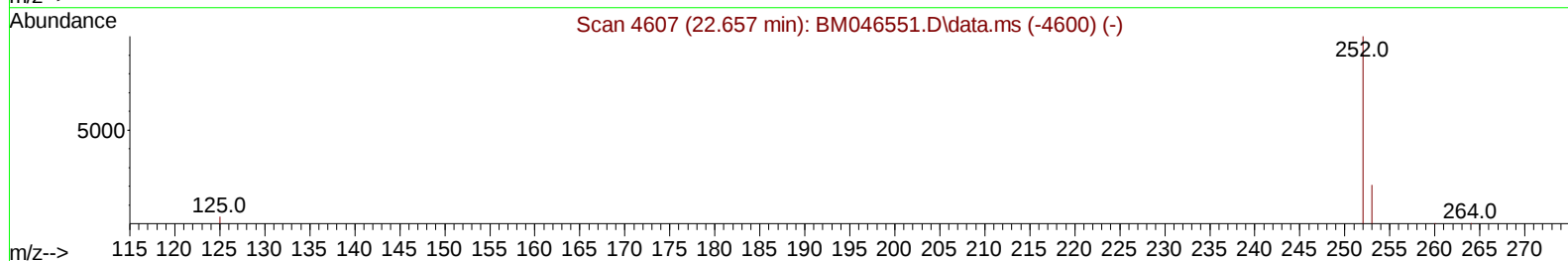
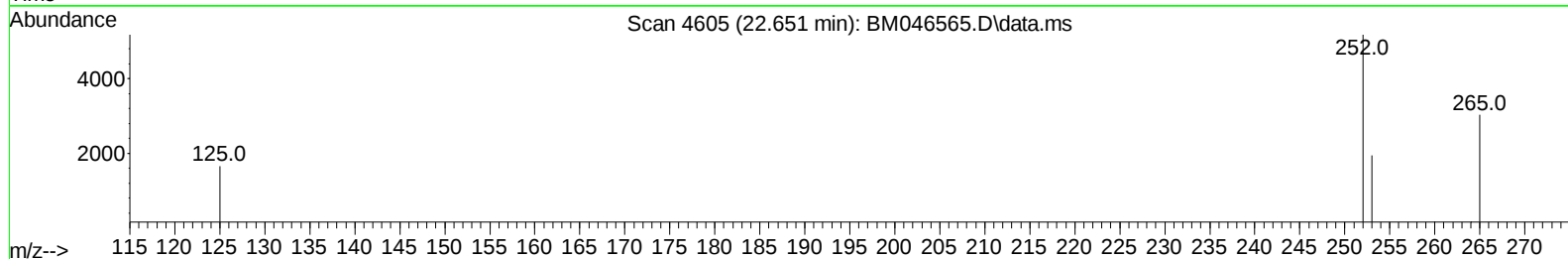
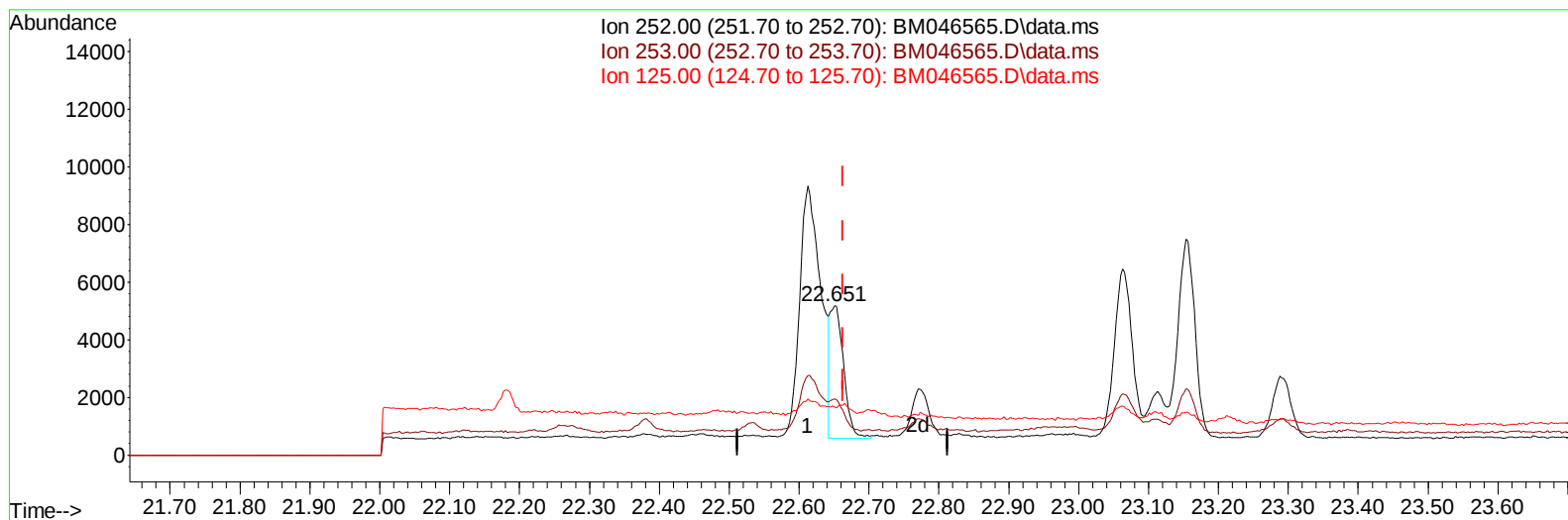
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Data File : BM046565.D
Acq On : 13 Jul 2024 03:31
Operator : MA/JU
Sample : P3087-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BR4

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TIC: BM046565.D\data.ms

(25) Benzo(k)fluoranthene

22.651min (-0.012) 0.17 ng/u1 m

response 6167

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	37.67#
125.00	8.70	32.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046565.D
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 Operator : MA/JU
 Sample : P3087-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR4

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3491	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	9257	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.150	164	5669	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	12252m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9391	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	9389m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	10299	3.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3692	0.247	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	7927	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	1135	0.048	ng/ul#	87
7) 2-Methylnaphthalene	11.943	142	459	0.028	ng/ul	91
10) Acenaphthylene	13.868	152	2111	0.082	ng/ul#	91
11) Acenaphthene	14.215	153	366	0.021	ng/ul	95
12) Fluorene	15.210	166	681	0.032	ng/ul#	92
15) Phenanthrene	16.943	178	9807	0.280	ng/ul	97
16) Anthracene	17.036	178	2781	0.082	ng/ul#	89
19) Fluoranthene	18.970	202	23235	0.602	ng/ul#	98
20) Pyrene	19.337	202	23850m	0.571	ng/ul	
21) Benzo(a)anthracene	21.090	228	11941	0.287	ng/ul#	90
22) Chrysene	21.140	228	14183	0.353	ng/ul#	93
24) Benzo(b)fluoranthene	22.613	252	18461m	0.492	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	6167m	0.167	ng/ul	
26) Benzo(a)pyrene	23.153	252	11707	0.379	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.366	276	9360	0.199	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	2377	0.064	ng/ul#	27
29) Benzo(g,h,i)perylene	26.007	276	9606	0.256	ng/ul#	92

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

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