

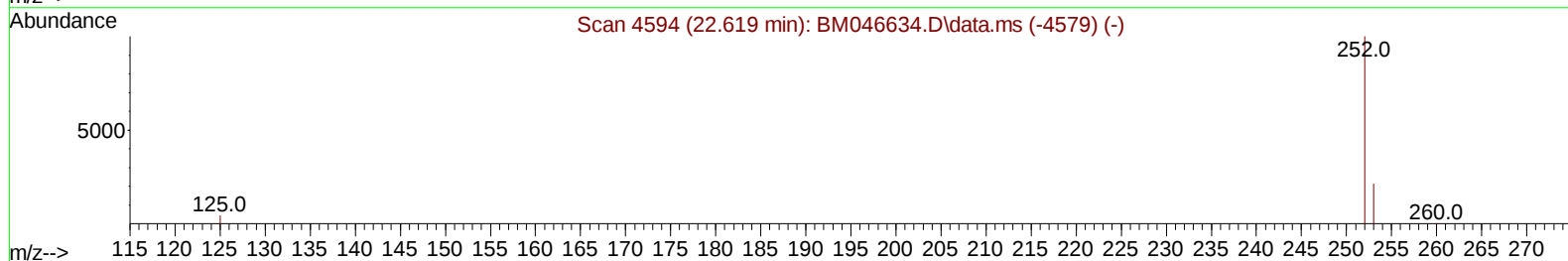
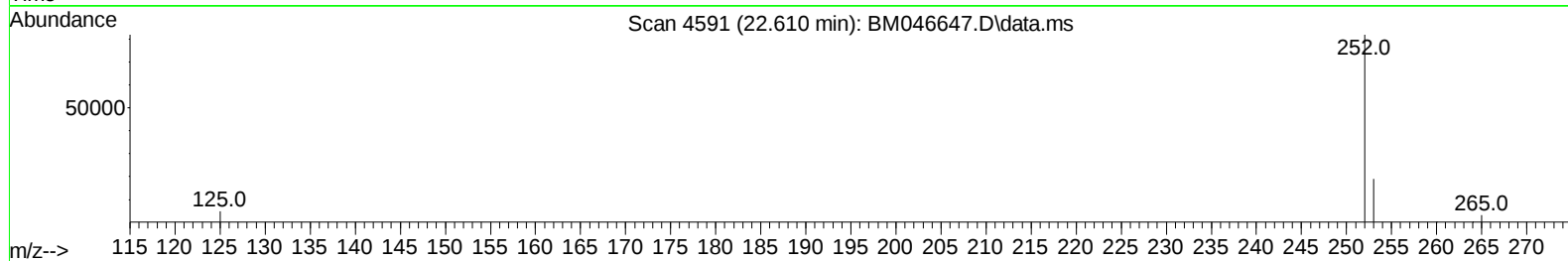
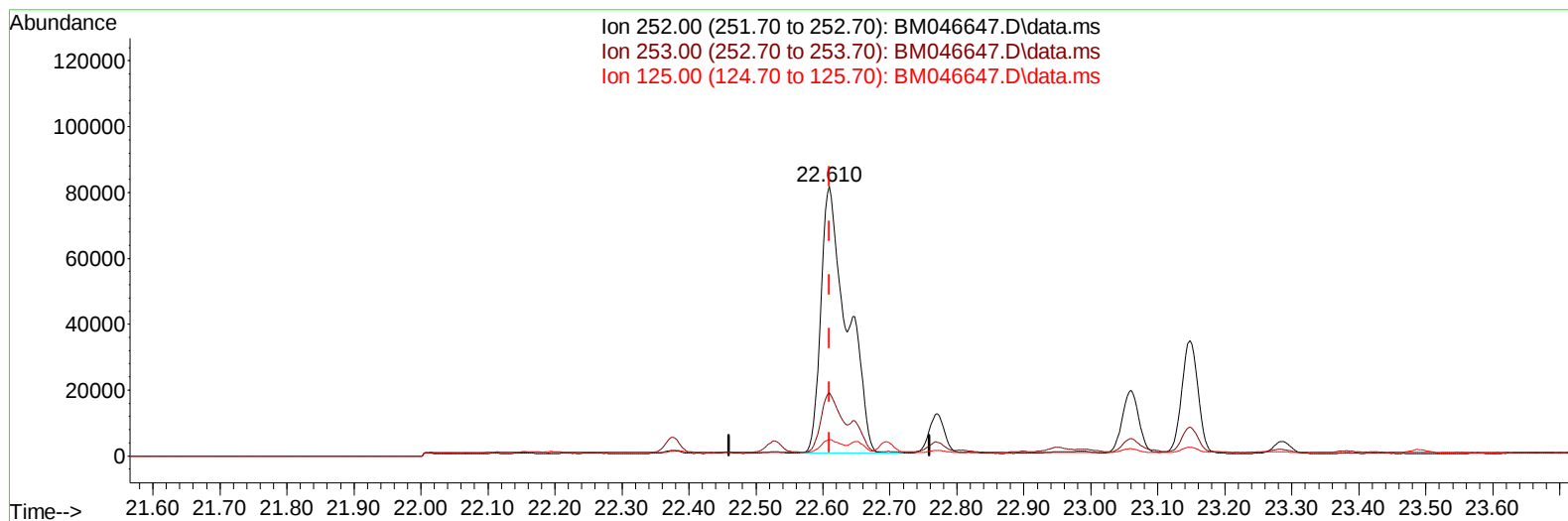
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046647.D
Acq On : 16 Jul 2024 23:47
Operator : MA/JU
Sample : P3101-02DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:11 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046647.D\data.ms

(24) Benzo(b)fluoranthene

22.610min (-0.000) 5.72 ng/u1

response 219665

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	23.41
125.00	8.90	5.99
0.00	0.00	0.00

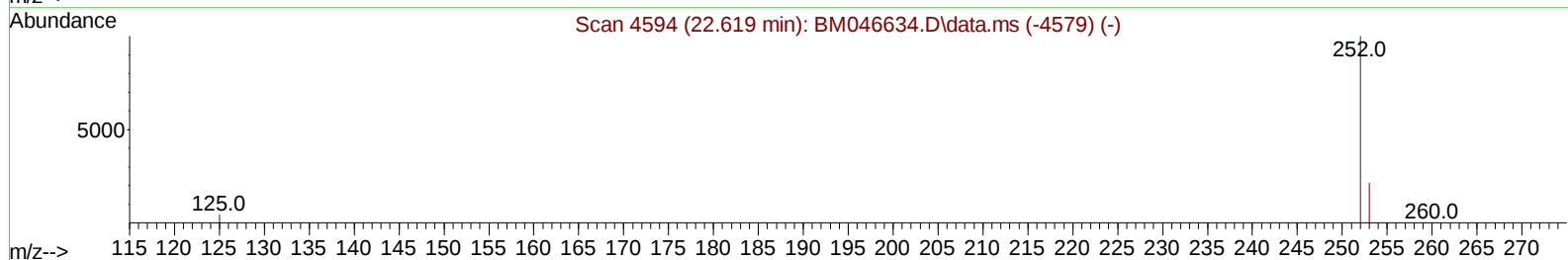
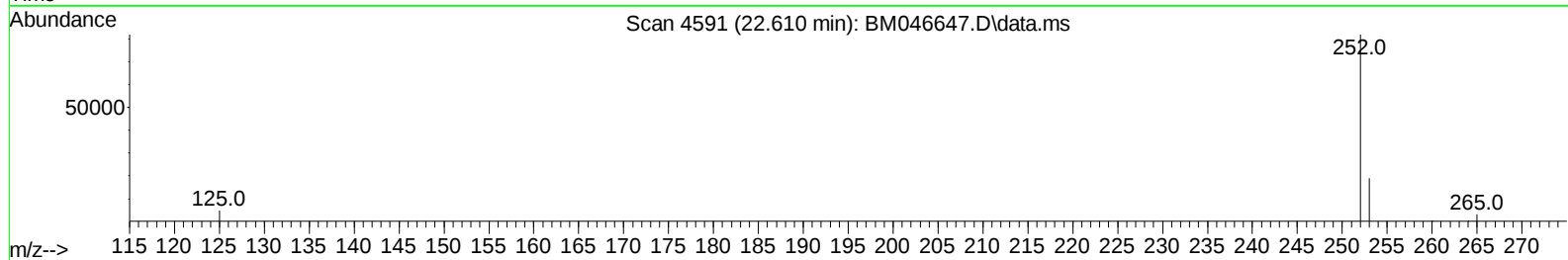
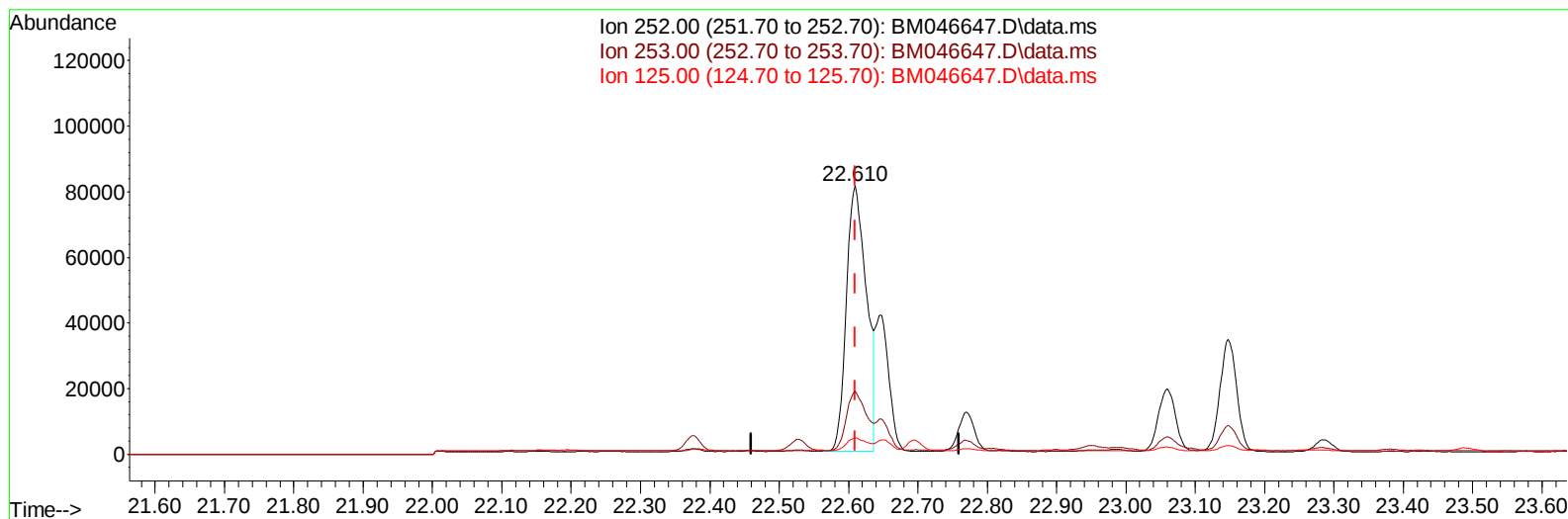
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
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ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD6DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/18/2024



TIC: BM046647.D\data.ms

(24) Benzo(b)fluoranthene

22.610min (-0.000) 4.26 ng/u1 m

response 163395

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	23.41
125.00	8.90	5.99
0.00	0.00	0.00

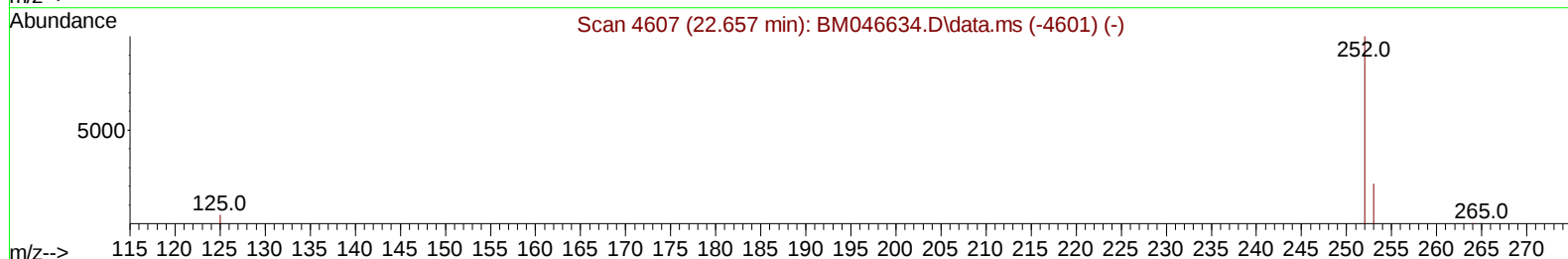
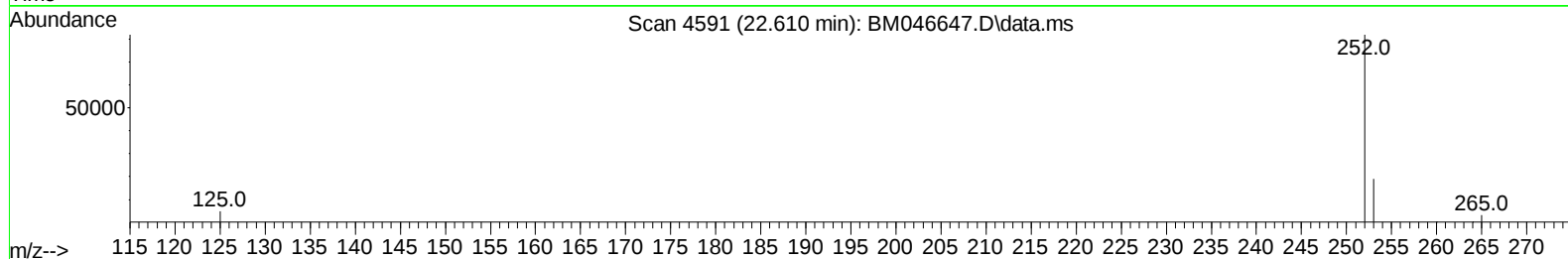
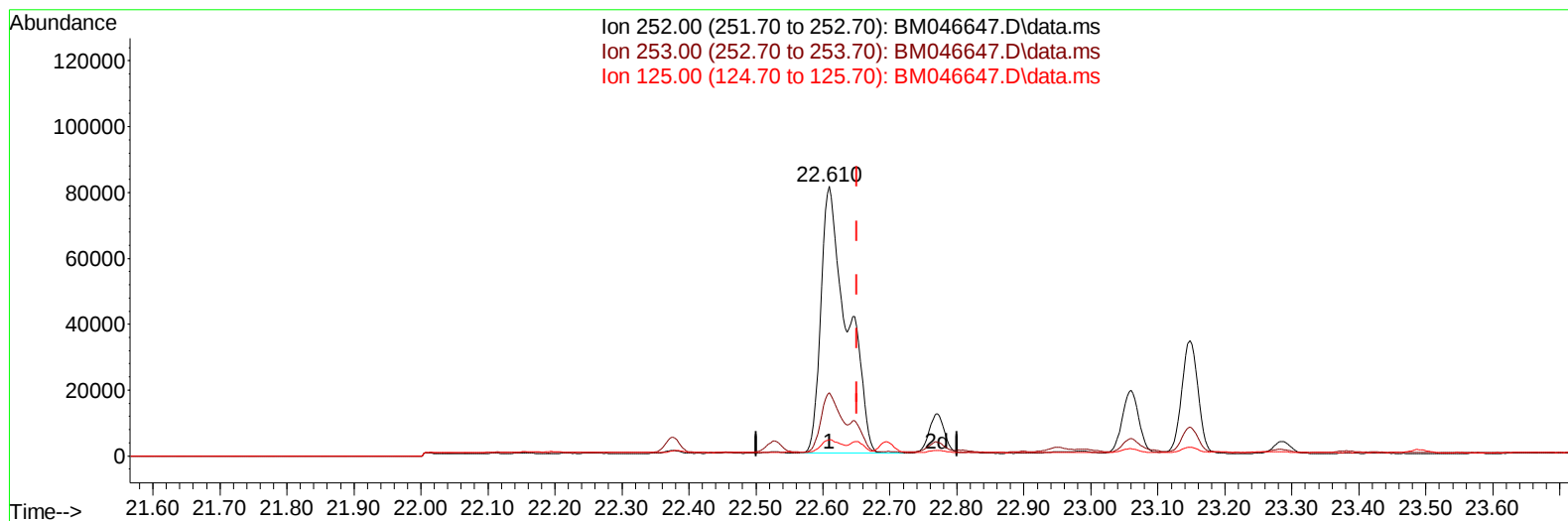
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046647.D
Acq On : 16 Jul 2024 23:47
Operator : MA/JU
Sample : P3101-02DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:11 2024
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TIC: BM046647.D\data.ms

(25) Benzo(k)fluoranthene

22.610min (-0.041) 5.83 ng/u1

response 219665

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.41
125.00	8.70	5.99#
0.00	0.00	0.00

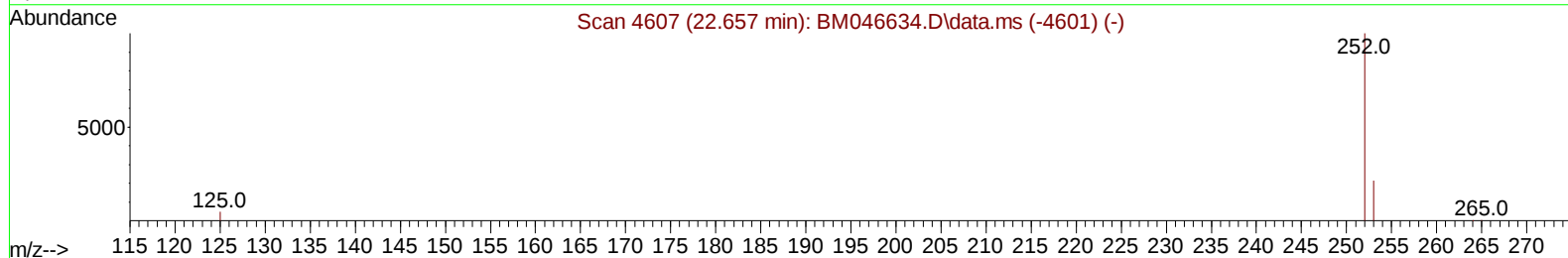
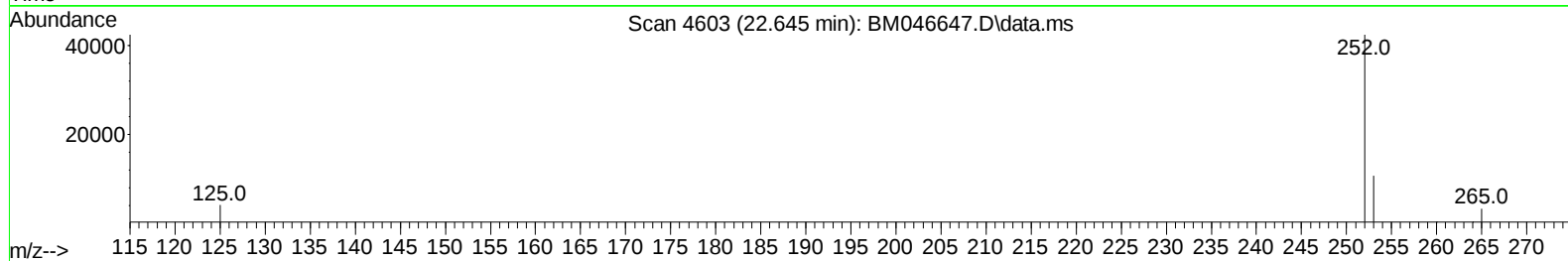
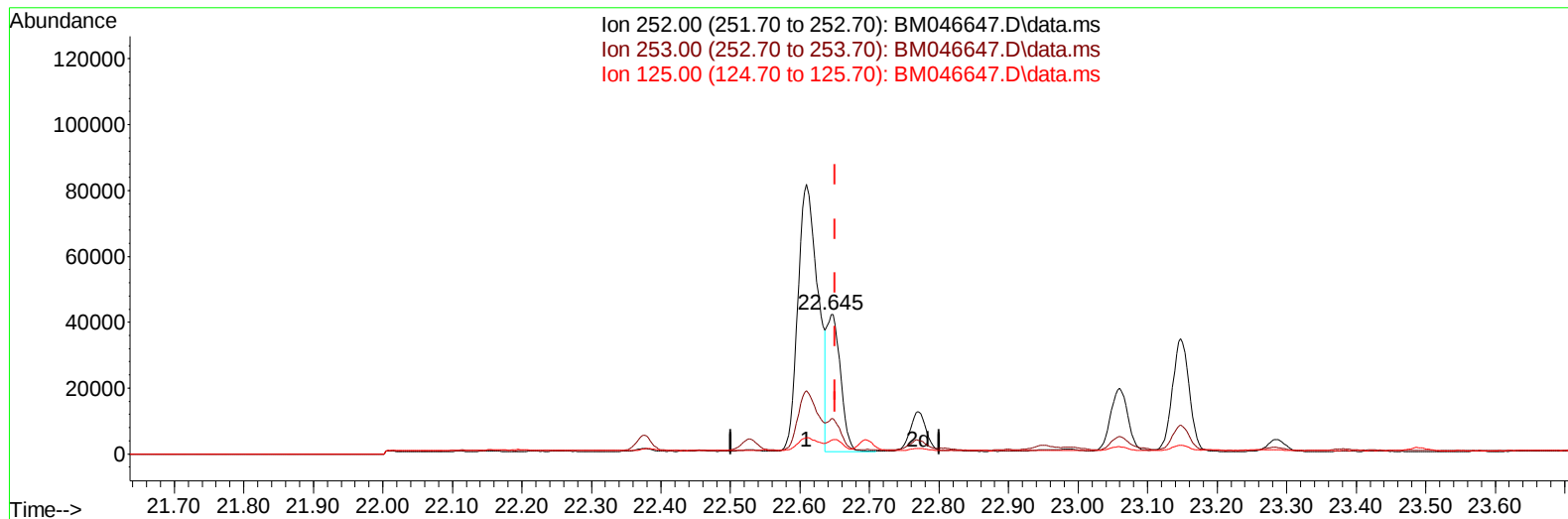
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046647.D
Acq On : 16 Jul 2024 23:47
Operator : MA/JU
Sample : P3101-02DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:11 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BM046647.D\data.ms

(25) Benzo(k)fluoranthene

22.645min (-0.006) 1.50 ng/u1 m

response 56434

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	25.12
125.00	8.70	9.61
0.00	0.00	0.00

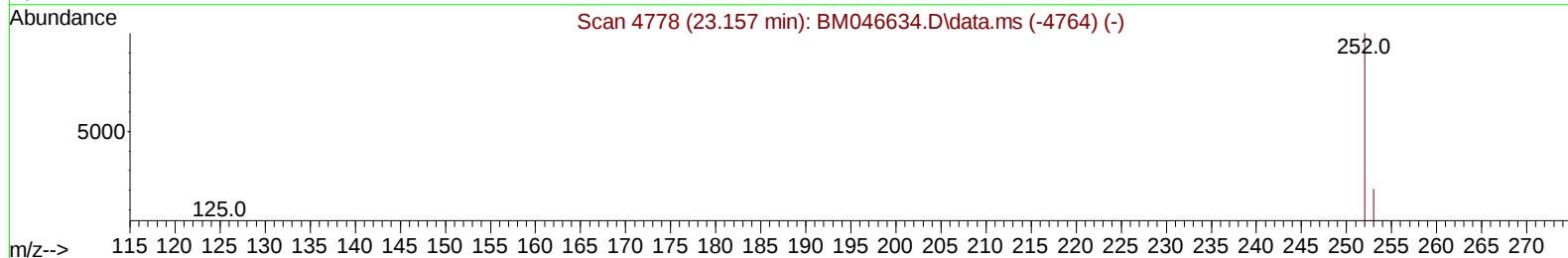
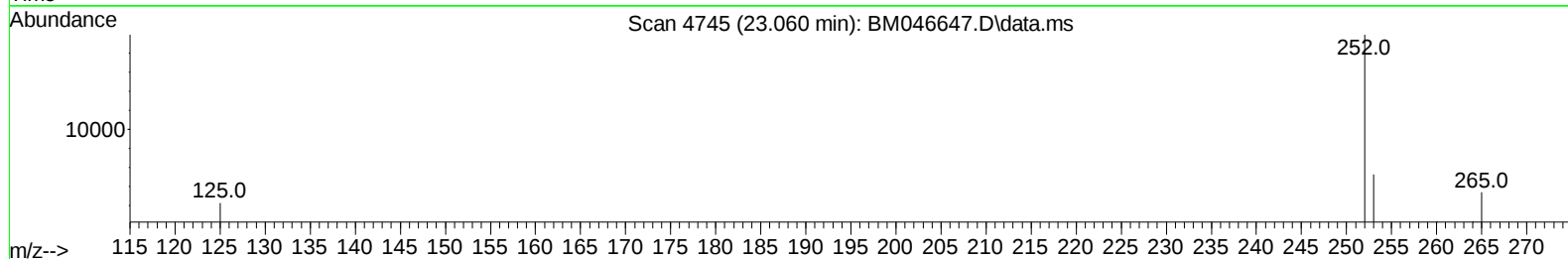
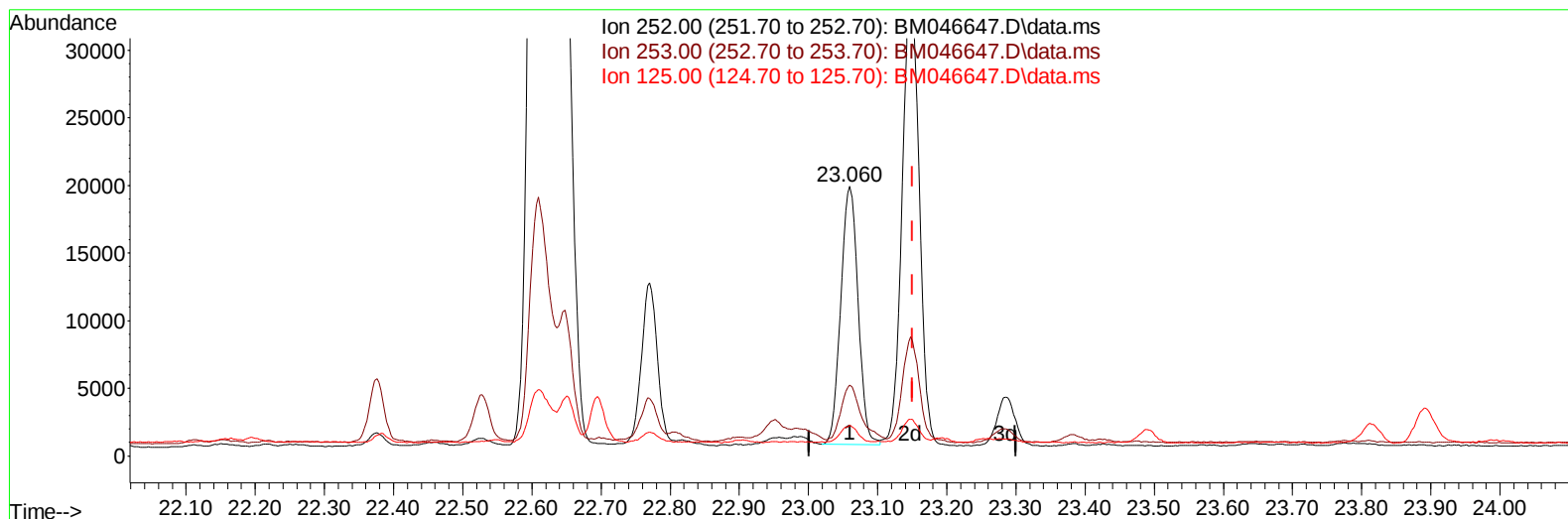
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046647.D
Acq On : 16 Jul 2024 23:47
Operator : MA/JU
Sample : P3101-02DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:54:11 2024
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TIC: BM046647.D\data.ms

(26) Benzo(a)pyrene (C)

23.060min (-0.091) 1.06 ng/u1

response 33364

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.00	26.38
125.00	10.20	11.39
0.00	0.00	0.00

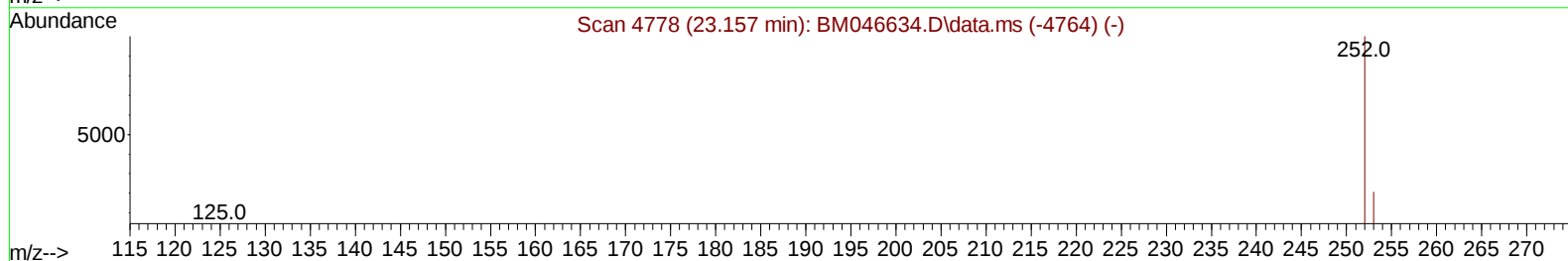
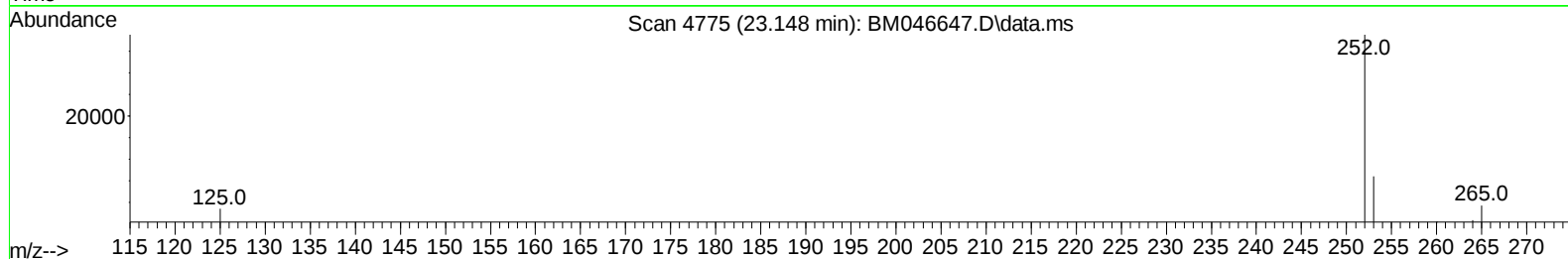
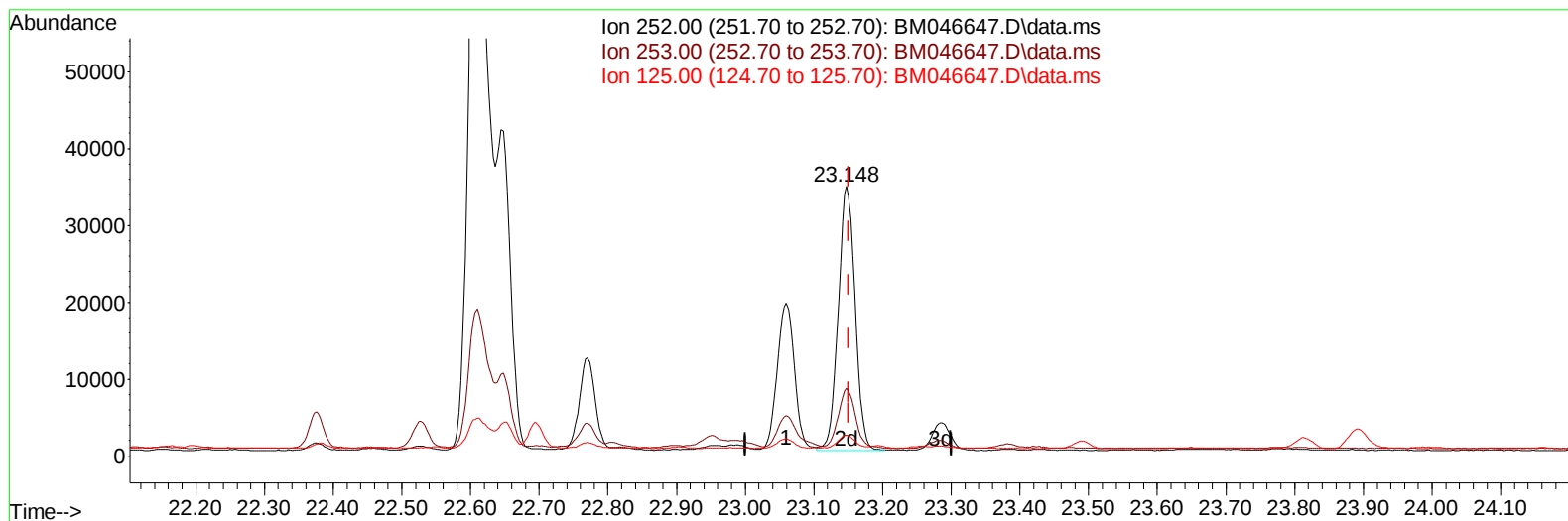
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046647.D
 Acq On : 16 Jul 2024 23:47
 Operator : MA/JU
 Sample : P3101-02DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD6DL

Manual IntegrationsAPPROVED

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 QLast Update : Mon Jul 15 08:57:27 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024



TIC: BM046647.D\data.ms

(26) Benzo(a)pyrene (C)

23.148min (-0.003) 1.85 ng/ul m

response 58583

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.00	25.07
125.00	10.20	7.73#
0.00	0.00	0.00

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 Sample : P3101-02DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD6DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2698	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	7520	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.141	164	5264	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	11474	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8488	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	9608	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1946	0.878	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	938	0.077	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	2349	0.091	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.304	128	2541	0.133	ng/ul	97
7) 2-Methylnaphthalene	11.932	142	1229	0.091	ng/ul	99
8) 1-Methylnaphthalene	12.157	142	930	0.068	ng/ul	95
10) Acenaphthylene	13.859	152	10030	0.419	ng/ul	98
11) Acenaphthene	14.206	153	4065	0.253	ng/ul	96
12) Fluorene	15.201	166	5310	0.267	ng/ul	98
14) Pentachlorophenol	16.554	266	130	0.022	ng/ul#	83
15) Phenanthrene	16.939	178	119868	3.661	ng/ul	98
16) Anthracene	17.027	178	24571	0.769	ng/ul	99
19) Fluoranthene	18.965	202	254807	7.309	ng/ul	99
20) Pyrene	19.327	202	177752	4.709	ng/ul	99
21) Benzo(a)anthracene	21.087	228	106305	2.831	ng/ul	97
22) Chrysene	21.137	228	115870	3.189	ng/ul	98
24) Benzo(b)fluoranthene	22.610	252	163395m	4.258	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	56434m	1.498	ng/ul	
26) Benzo(a)pyrene	23.148	252	58583m	1.855	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.360	276	61946	1.289	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	19808	0.521	ng/ul#	93
29) Benzo(g,h,i)perylene	26.003	276	9054	0.236	ng/ul#	86

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

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