

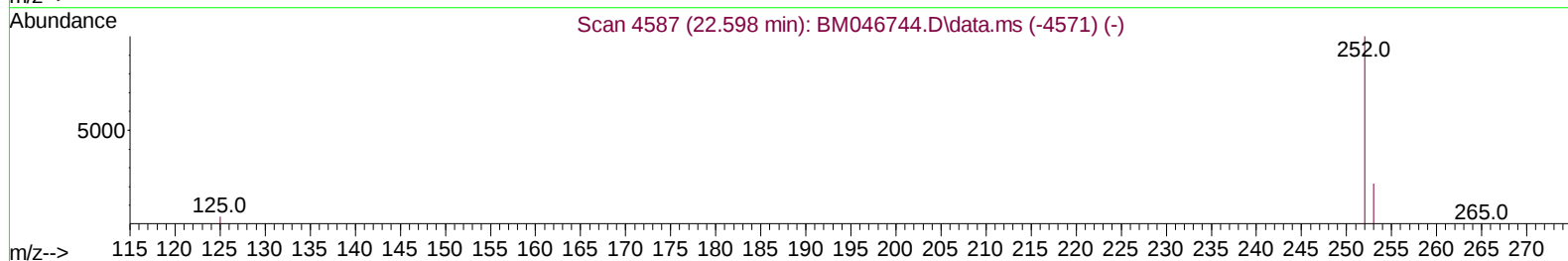
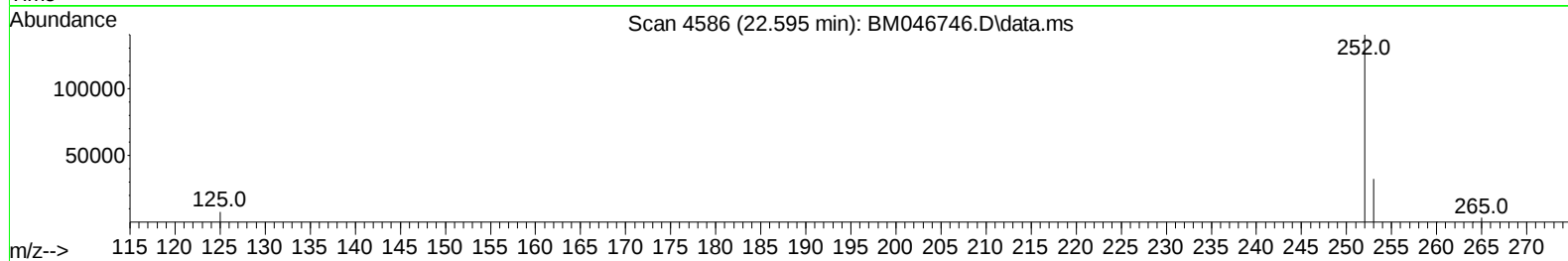
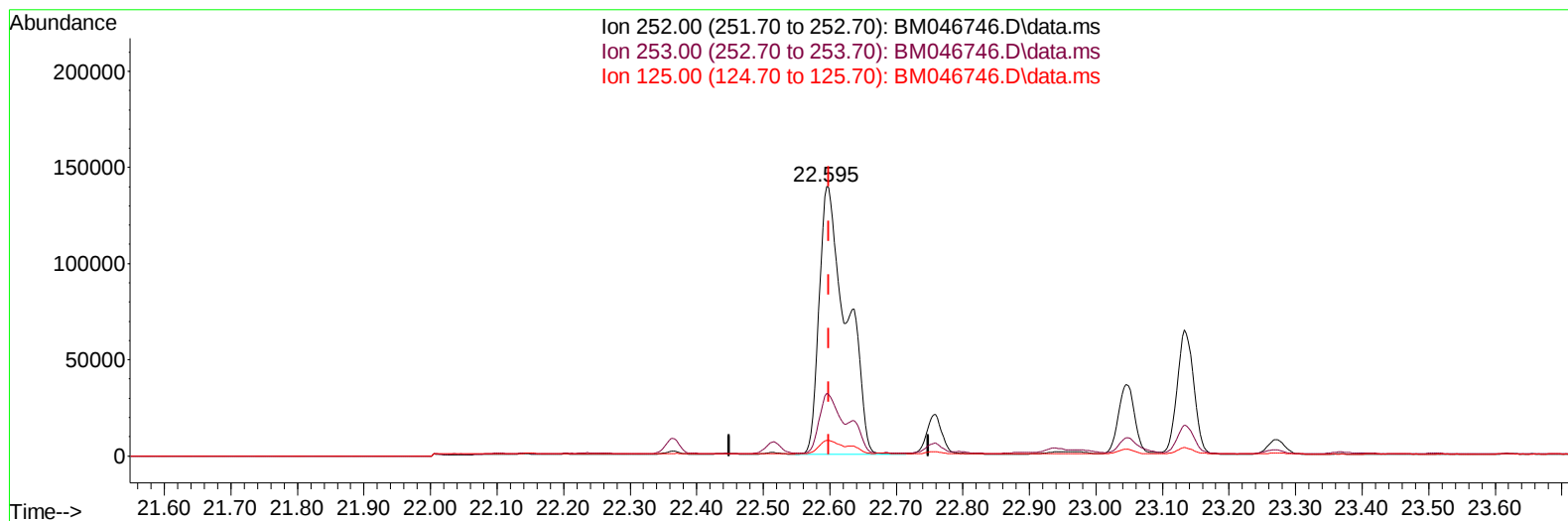
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046746.D
Acq On : 22 Jul 2024 11:41
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 12:20:01 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 19 11:38:04 2024
Response via : Initial Calibration



TIC: BM046746.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 9.84 ng/u1

response 393960

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	23.13
125.00	8.90	5.70
0.00	0.00	0.00

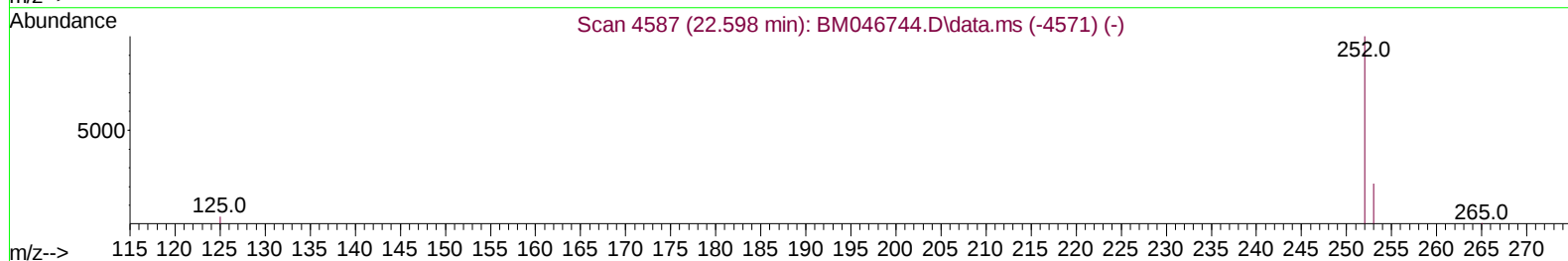
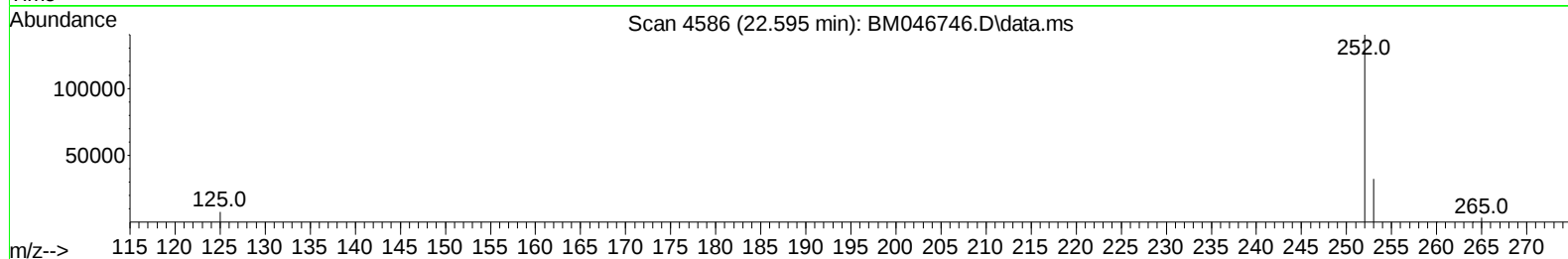
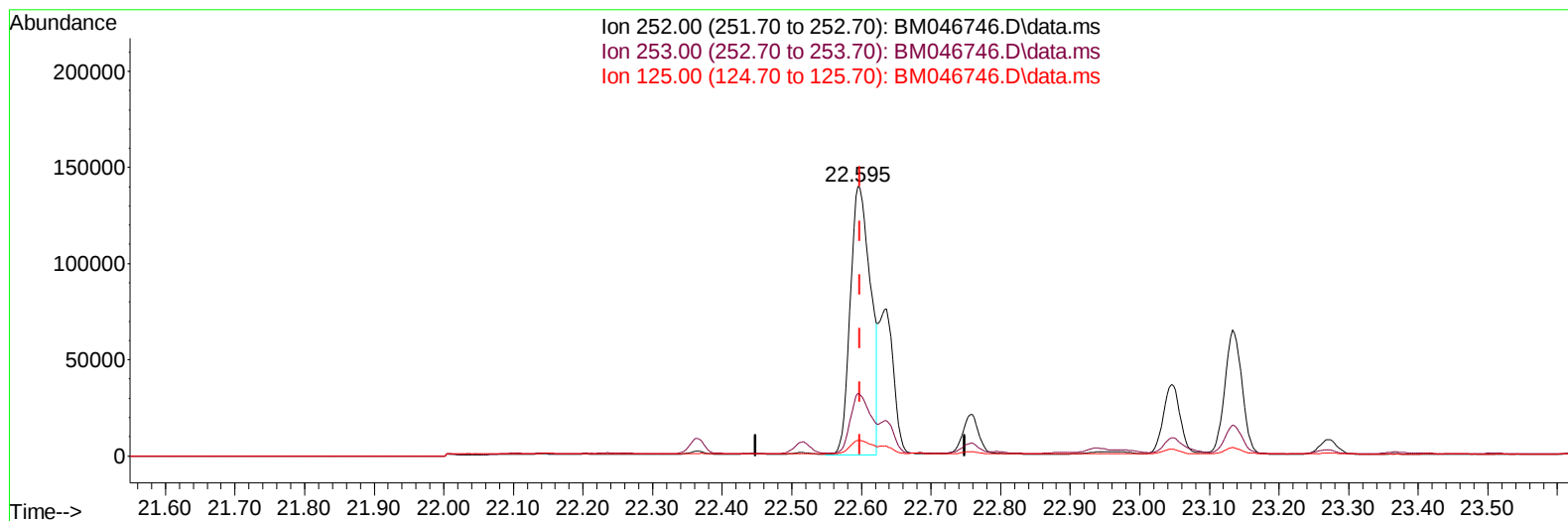
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046746.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 7.07 ng/u1 m

response 282867

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	23.13
125.00	8.90	5.70
0.00	0.00	0.00

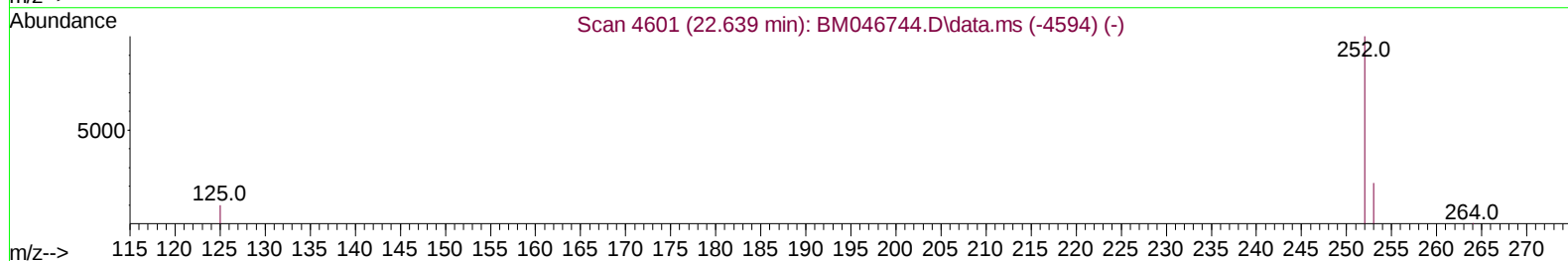
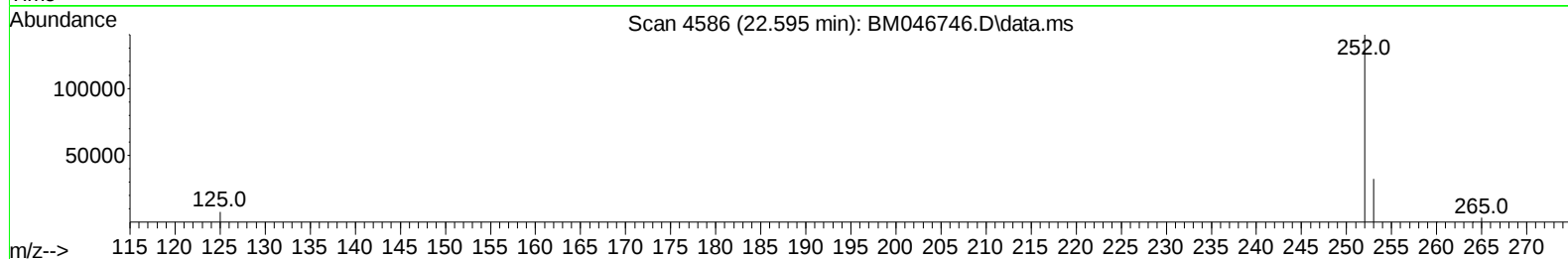
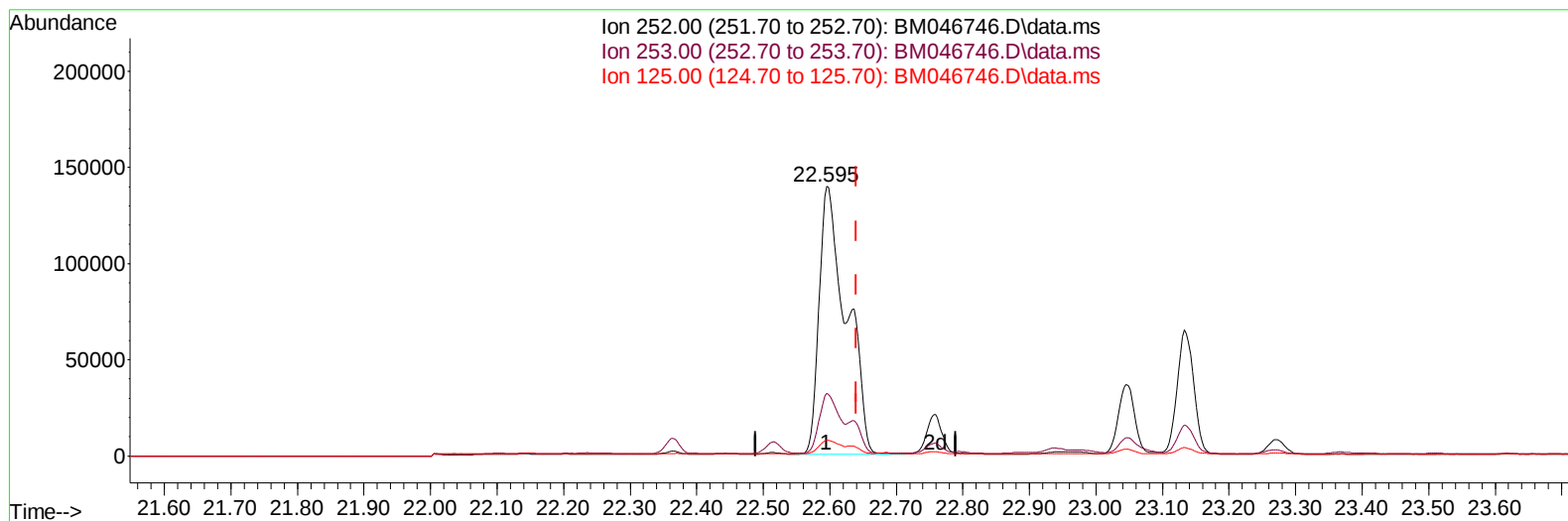
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046746.D\data.ms

(25) Benzo(k)fluoranthene

22.595min (-0.044) 10.03 ng/u1

response 393960

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	23.13
125.00	8.70	5.70#
0.00	0.00	0.00

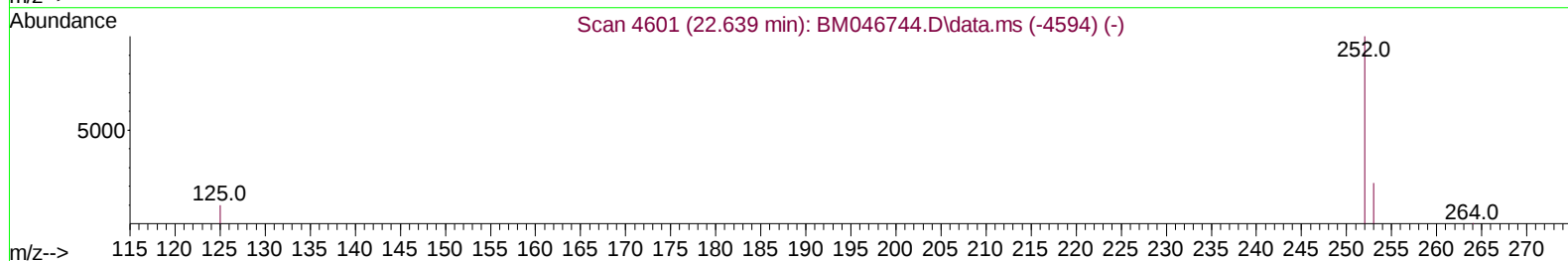
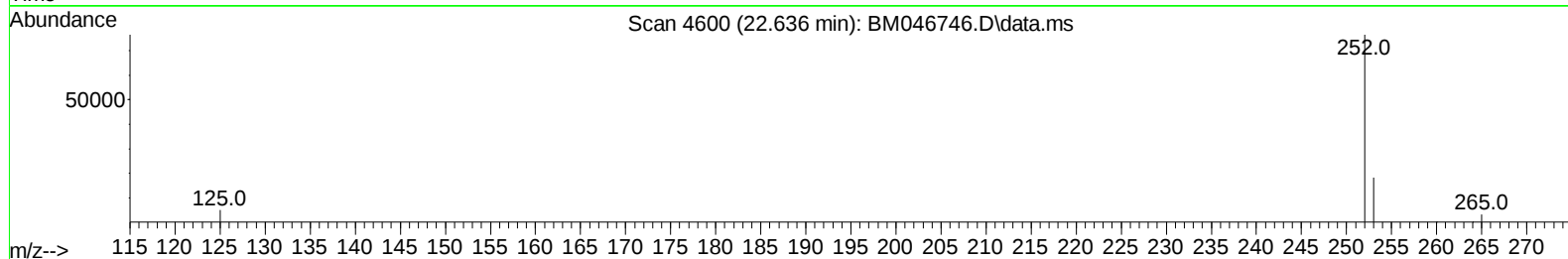
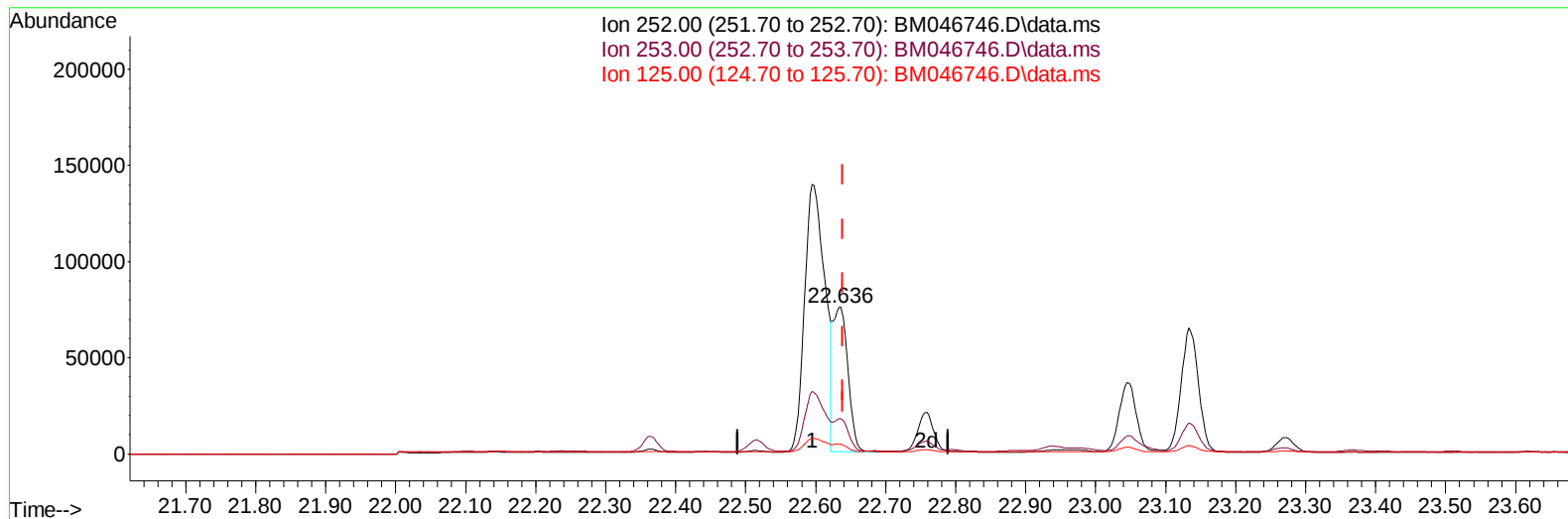
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Data File : BM046746.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Supervised By :mohammad ahmed 07/23/2024



TIC: BM046746.D\data.ms

(25) Benzo(k)fluoranthene

22.636min (-0.003) 2.83 ng/u1 m

response 111136

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	24.08
125.00	8.70	6.61#
0.00	0.00	0.00

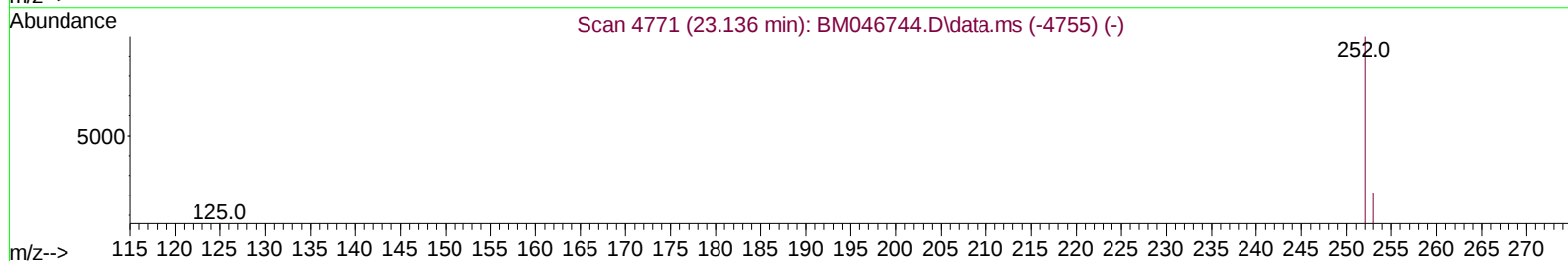
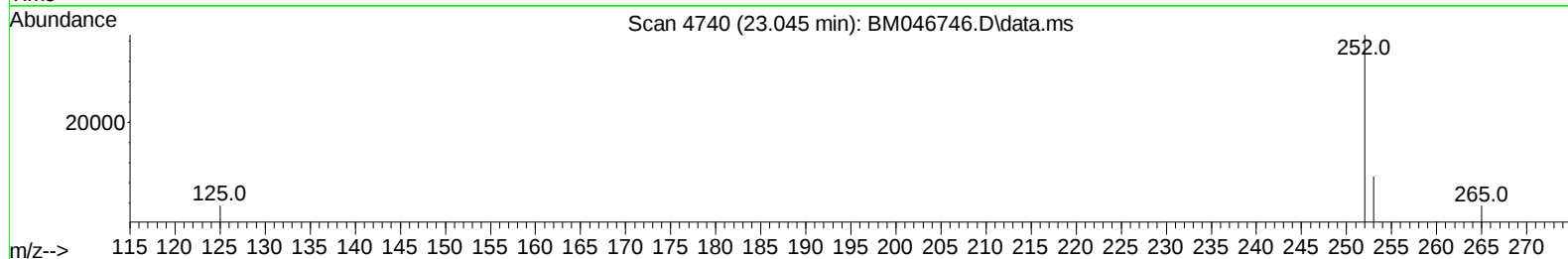
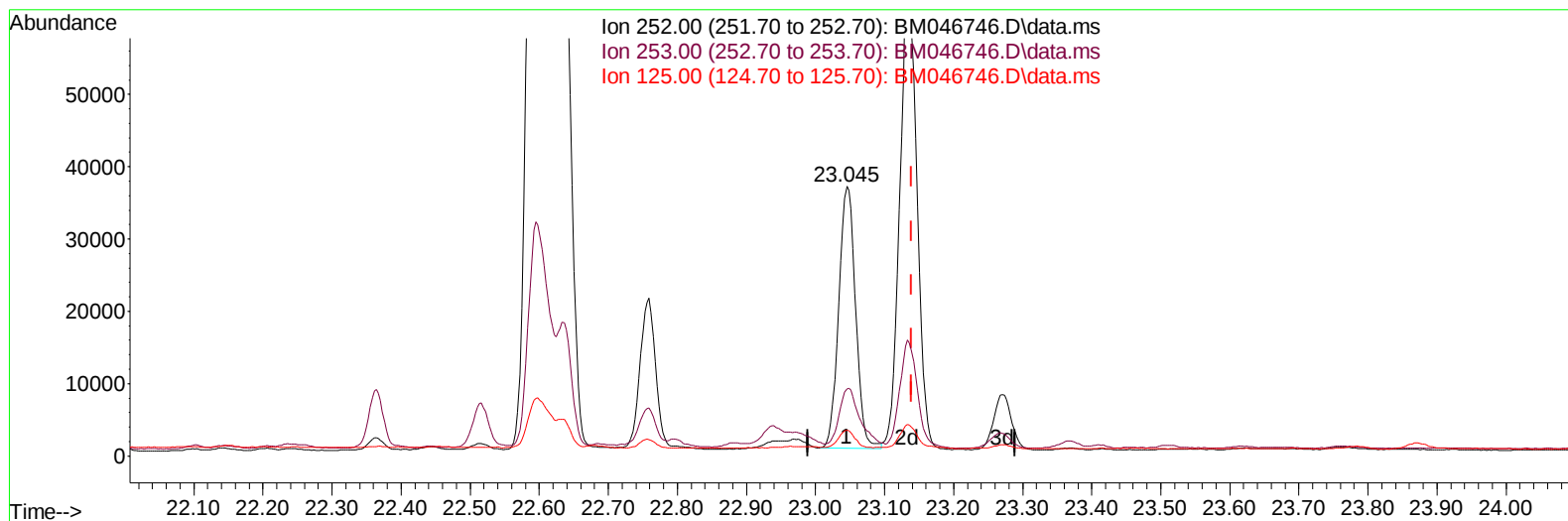
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Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

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TIC: BM046746.D\data.ms

(26) Benzo(a)pyrene (C)

23.045min (-0.094) 1.86 ng/u1

response 61363

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.00	24.99
125.00	10.20	9.59
0.00	0.00	0.00

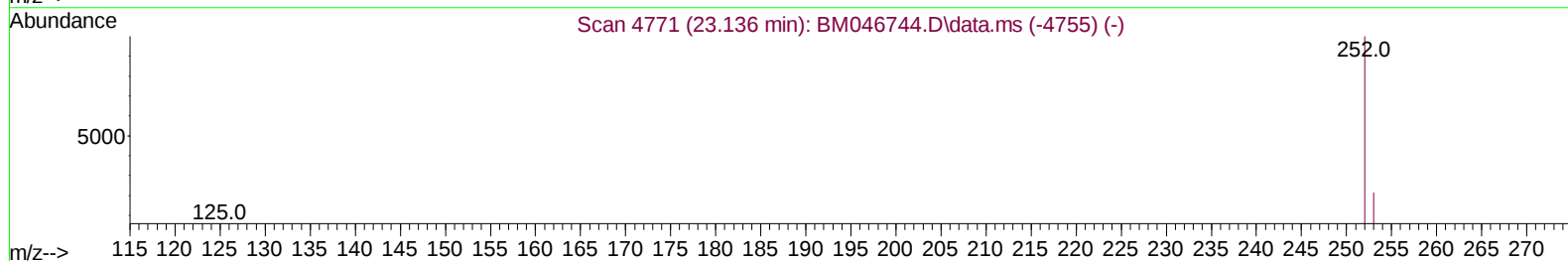
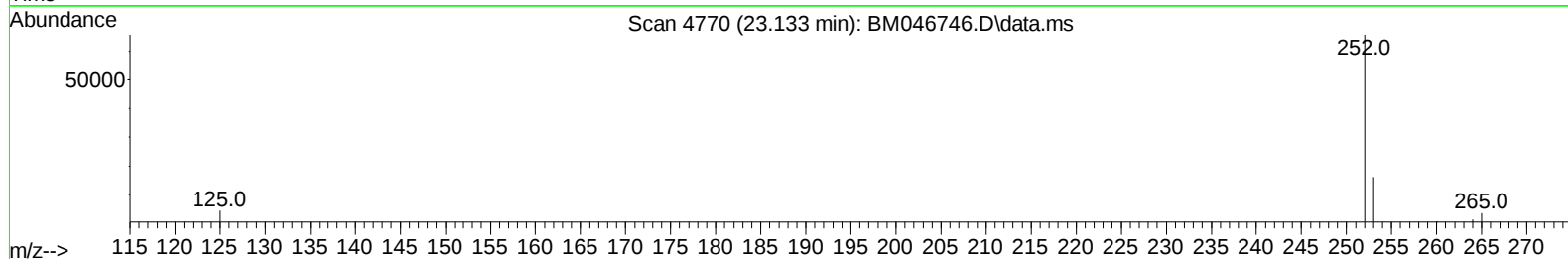
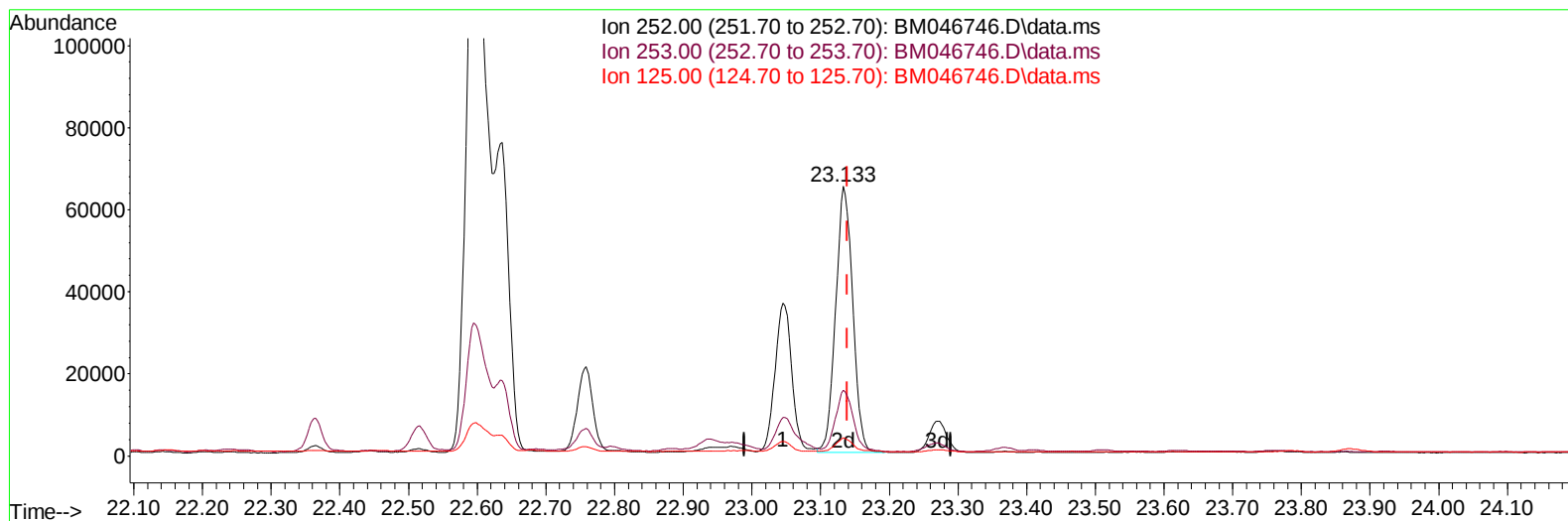
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046746.D
Acq On : 22 Jul 2024 11:41
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BE7

Manual IntegrationsAPPROVED

Quant Time: Jul 22 12:20:01 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046746.D\data.ms

(26) Benzo(a)pyrene (C)

23.133min (-0.006) 3.39 ng/u1 m

response 111508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.00	24.41
125.00	10.20	6.64#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BE7

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	2700	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7162	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.127	164	4591	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9976	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	9515	0.400	ng/ul	# 0.00
23) Perylene-d12	23.230	264	10020	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5264	2.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	1815	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	4386	0.151	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.288	128	8737	0.480	ng/ul	97
7) 2-Methylnaphthalene	11.916	142	2483	0.194	ng/ul	100
8) 1-Methylnaphthalene	12.141	142	1879	0.144	ng/ul	98
10) Acenaphthylene	13.845	152	6368	0.305	ng/ul	100
11) Acenaphthene	14.192	153	11270	0.805	ng/ul	96
12) Fluorene	15.187	166	15965	0.921	ng/ul	98
15) Phenanthrene	16.926	178	302483	10.625	ng/ul	97
16) Anthracene	17.015	178	48146	1.733	ng/ul	98
19) Fluoranthene	18.956	202	522187	13.361	ng/ul	99
20) Pyrene	19.318	202	340787	8.054	ng/ul	99
21) Benzo(a)anthracene	21.076	228	218818	5.198	ng/ul	100
22) Chrysene	21.128	228	212667	5.221	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	282867m	7.068	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	111136m	2.828	ng/ul	
26) Benzo(a)pyrene	23.133	252	111508m	3.385	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.340	276	107253	2.140	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.343	278	35584	0.897	ng/ul	98
29) Benzo(g,h,i)perylene	25.980	276	16770	0.419	ng/ul	95

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

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