

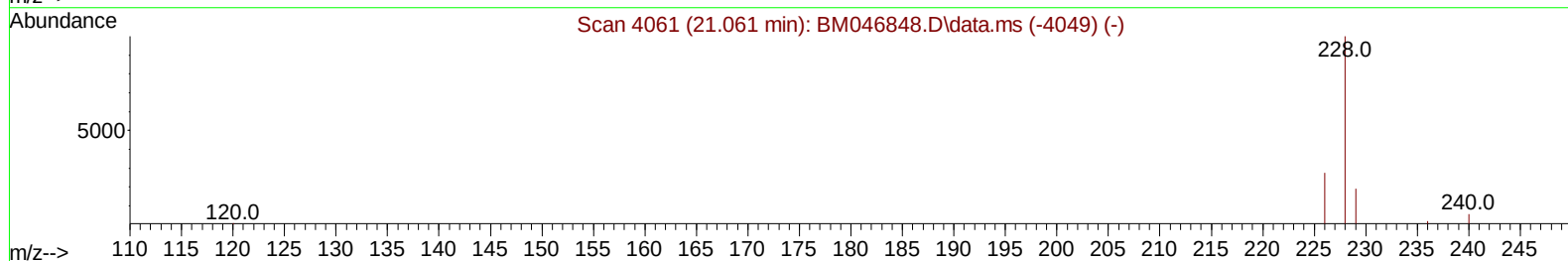
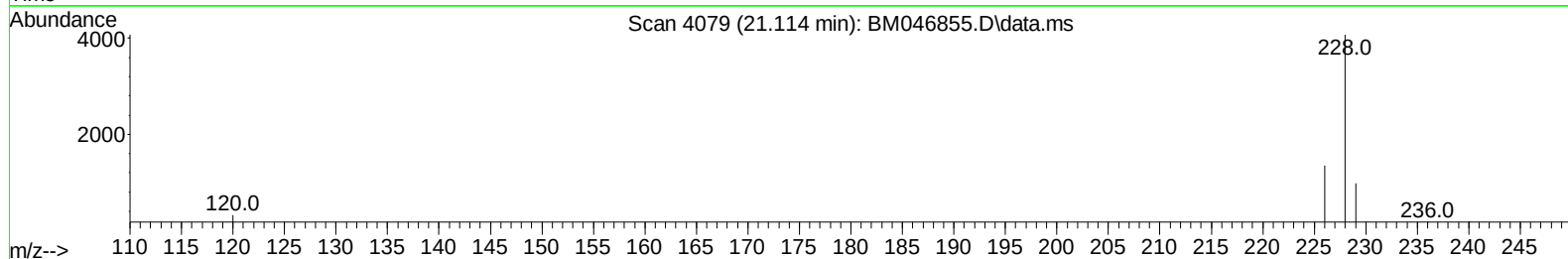
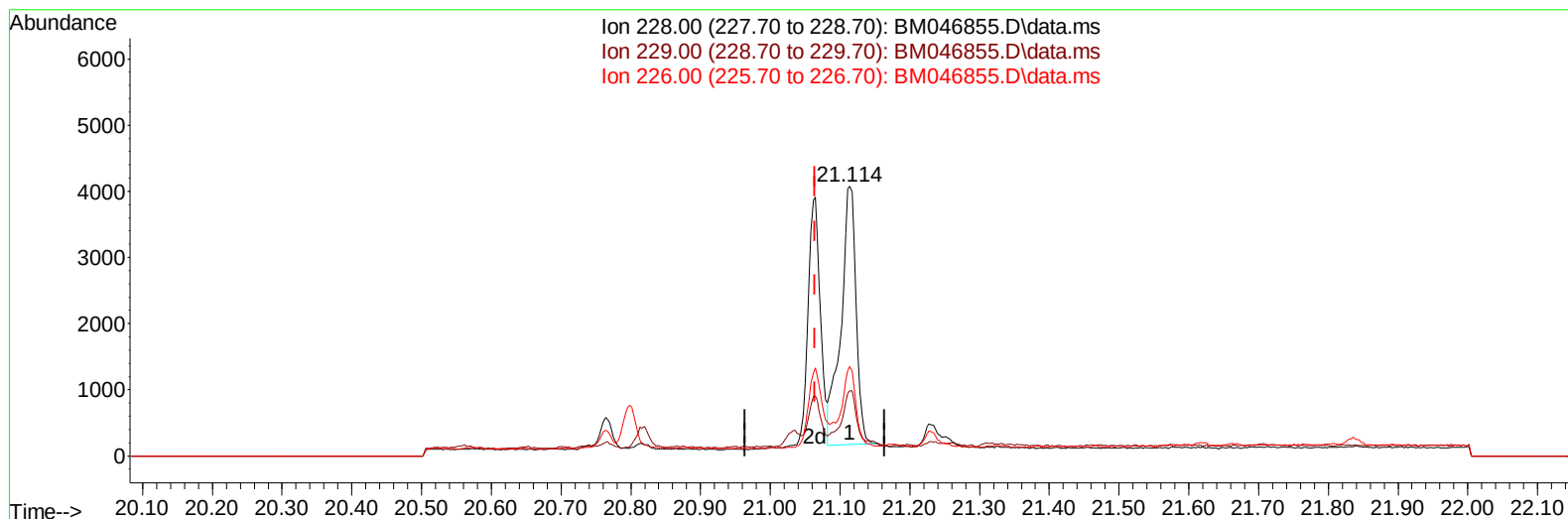
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046855.D
Acq On : 27 Jul 2024 06:46
Operator : MA/JU
Sample : P3264-15DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CM1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 28 23:28:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



TIC: BM046855.D\data.ms

(21) Benzo(a)anthracene

21.114min (+ 0.050) 0.17 ng/u1

response 5924

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.40	24.21
226.00	27.90	33.06
0.00	0.00	0.00

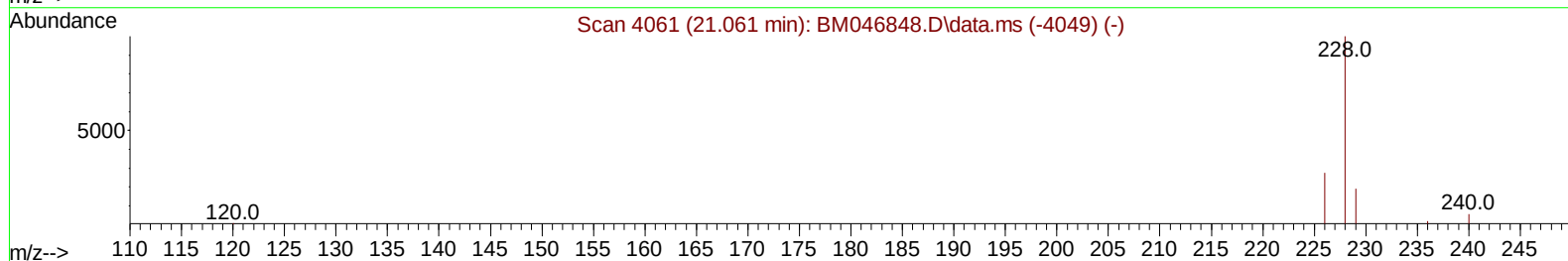
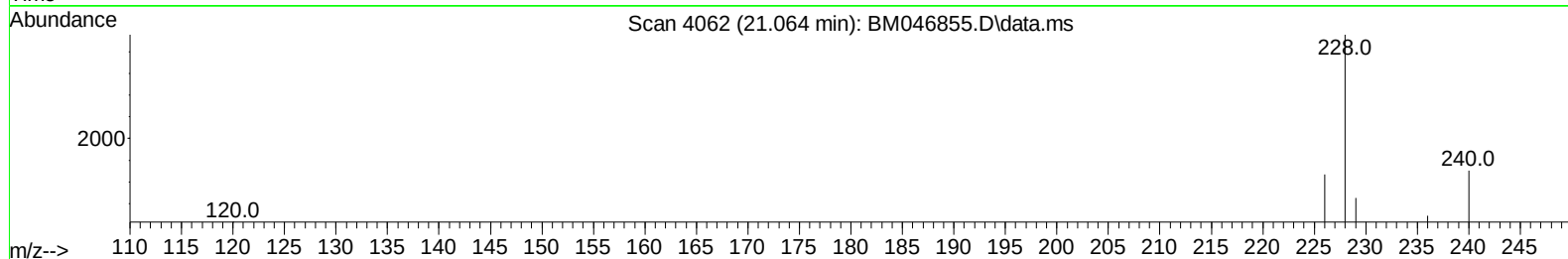
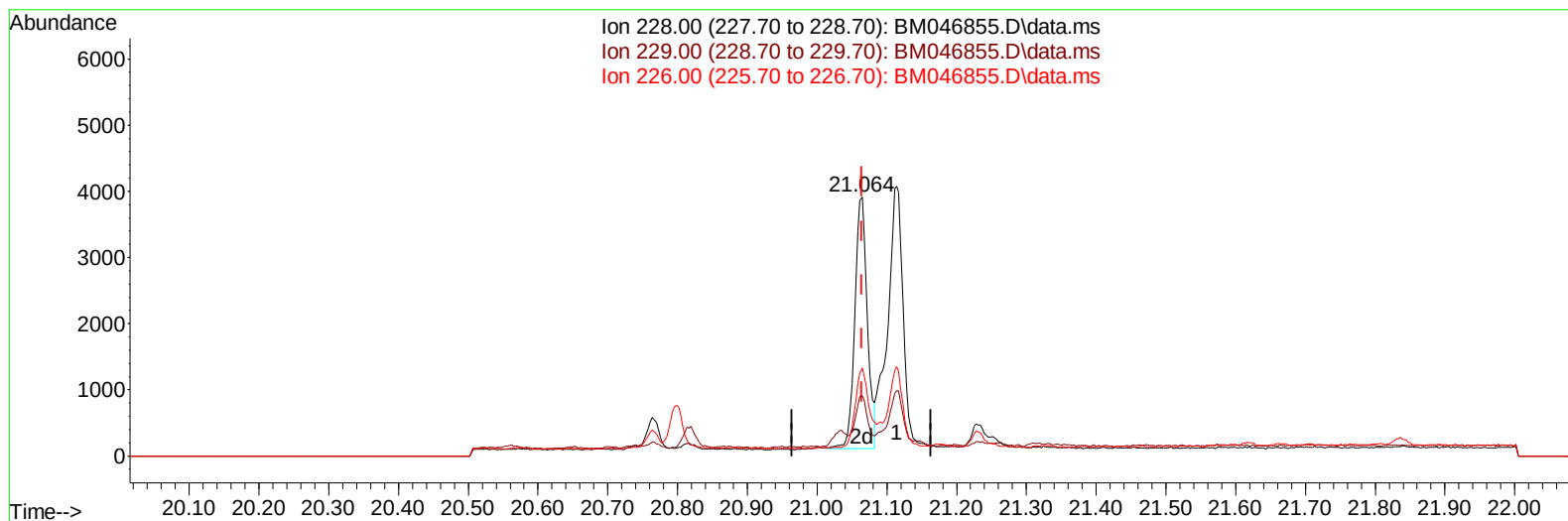
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TIC: BM046855.D\data.ms

(21) Benzo(a)anthracene

21.064min (+ 0.000) 0.14 ng/ul m

response 4745

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.40	23.23
226.00	27.90	34.09#
0.00	0.00	0.00

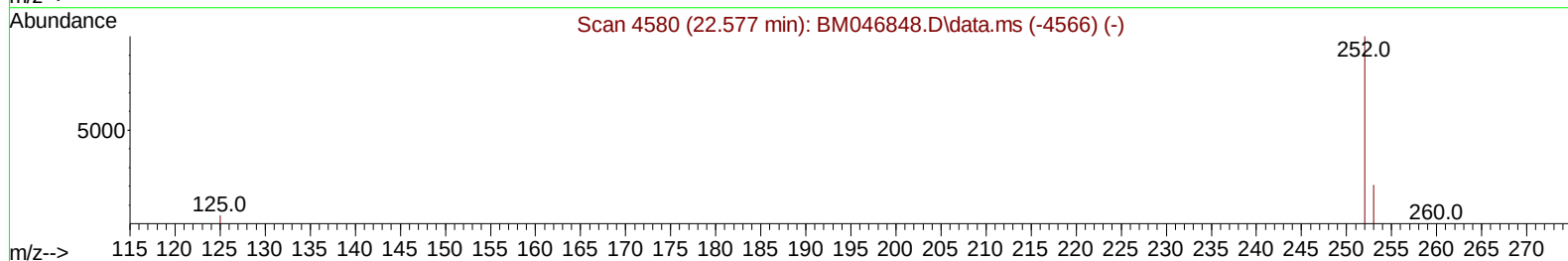
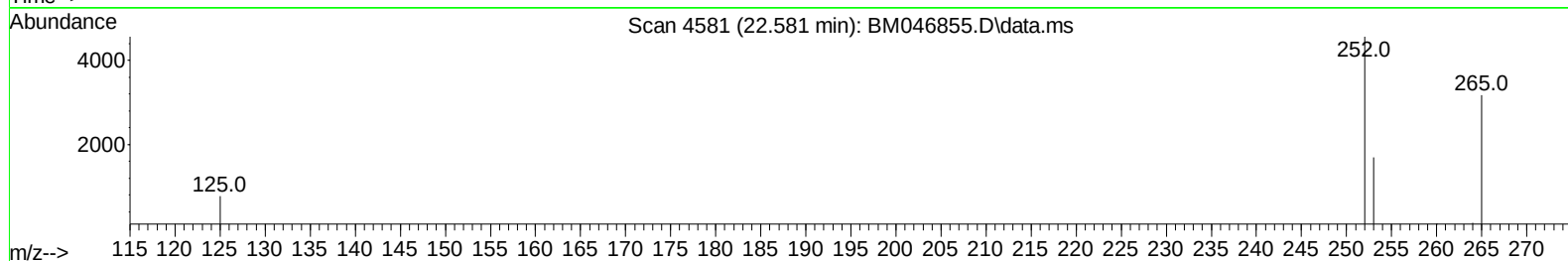
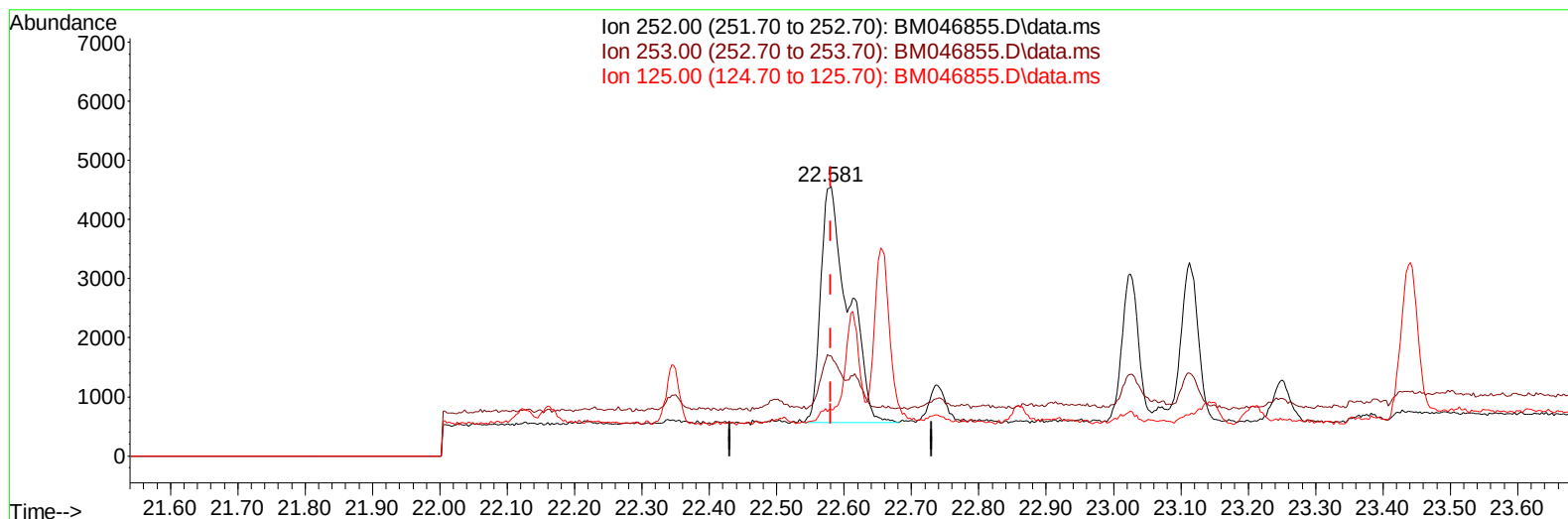
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046855.D
Acq On : 27 Jul 2024 06:46
Operator : MA/JU
Sample : P3264-15DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CM1DL

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TIC: BM046855.D\data.ms

(24) Benzo(b)fluoranthene

22.581min (+ 0.000) 0.28 ng/u1

response 11407

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	37.06
125.00	7.90	17.00#
0.00	0.00	0.00

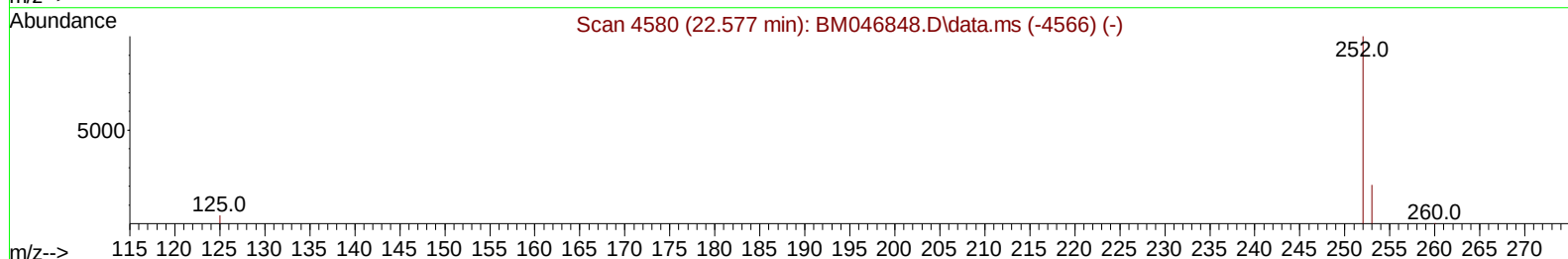
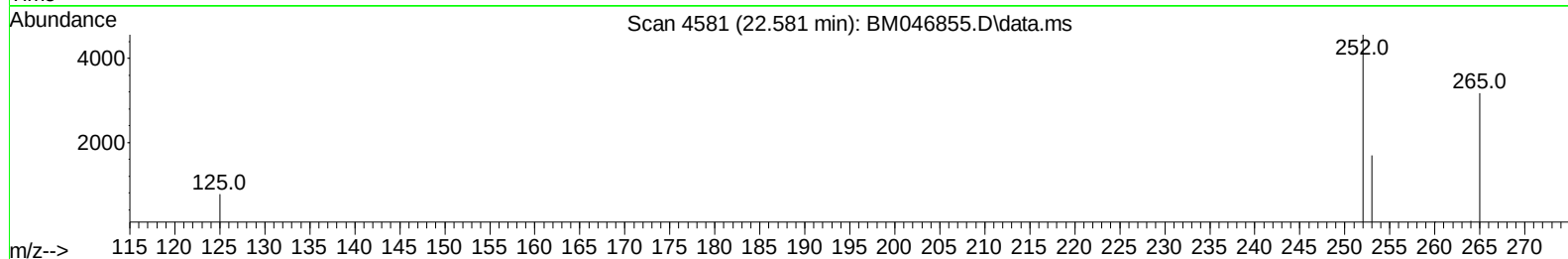
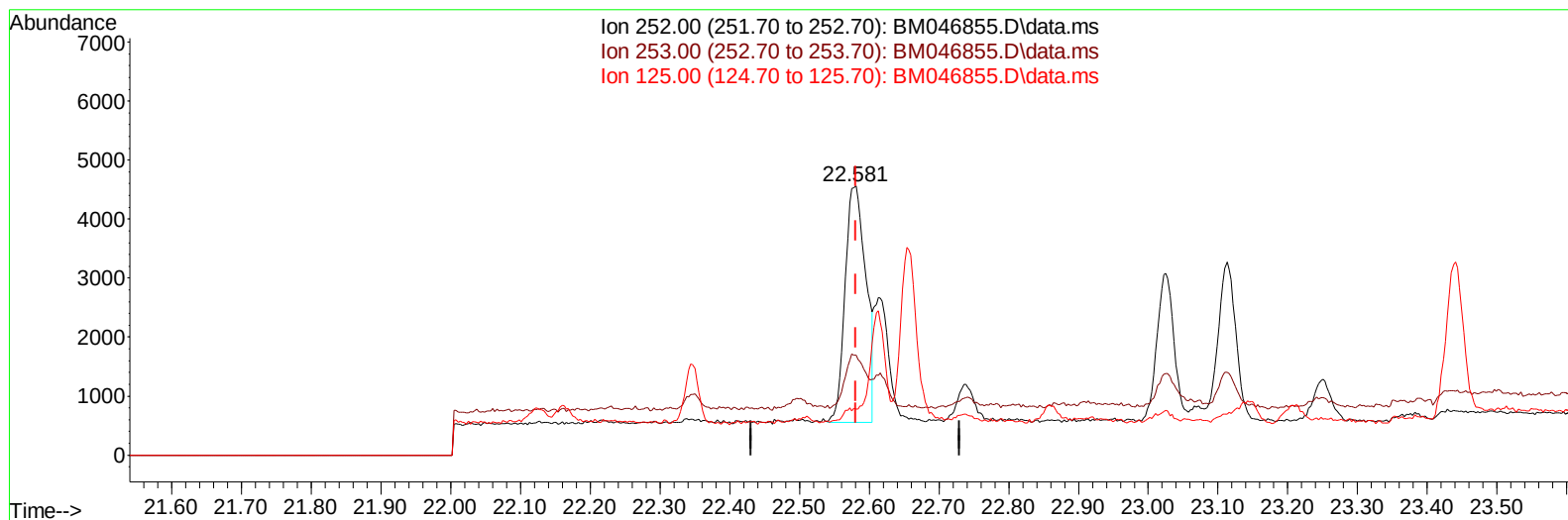
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046855.D
 Acq On : 27 Jul 2024 06:46
 Operator : MA/JU
 Sample : P3264-15DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM1DL

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TIC: BM046855.D\data.ms

(24) Benzo(b)fluoranthene

22.581min (+ 0.000) 0.21 ng/ul m

response 8355

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	37.06
125.00	7.90	17.00#
0.00	0.00	0.00

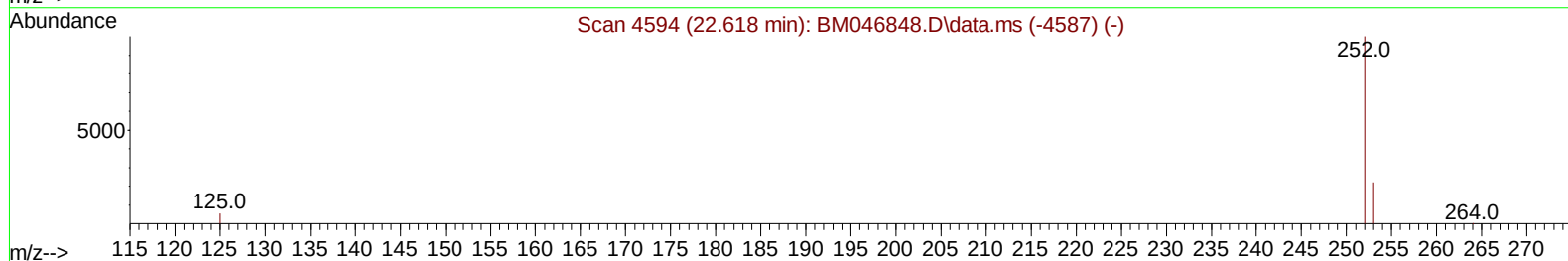
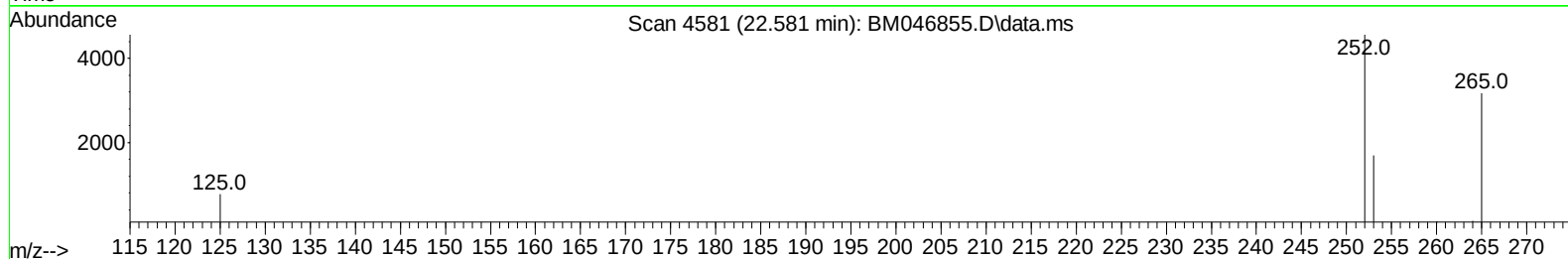
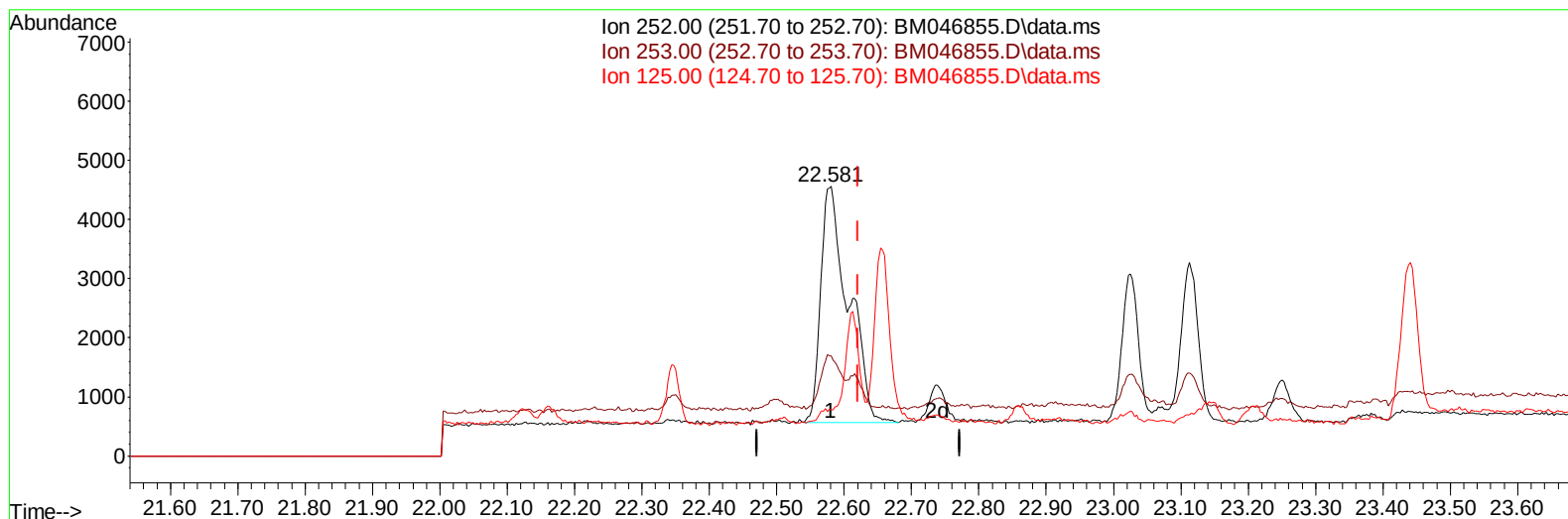
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Data File : BM046855.D
Acq On : 27 Jul 2024 06:46
Operator : MA/JU
Sample : P3264-15DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CM1DL

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TIC: BM046855.D\data.ms

(25) Benzo(k)fluoranthene

22.581min (-0.040) 0.28 ng/u1

response 11407

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	37.06#
125.00	10.80	17.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046855.D
 Acq On : 27 Jul 2024 06:46
 Operator : MA/JU
 Sample : P3264-15DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

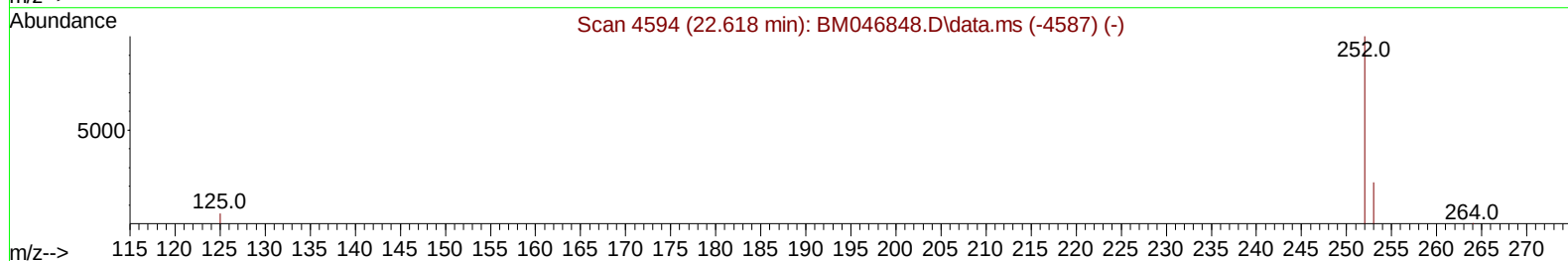
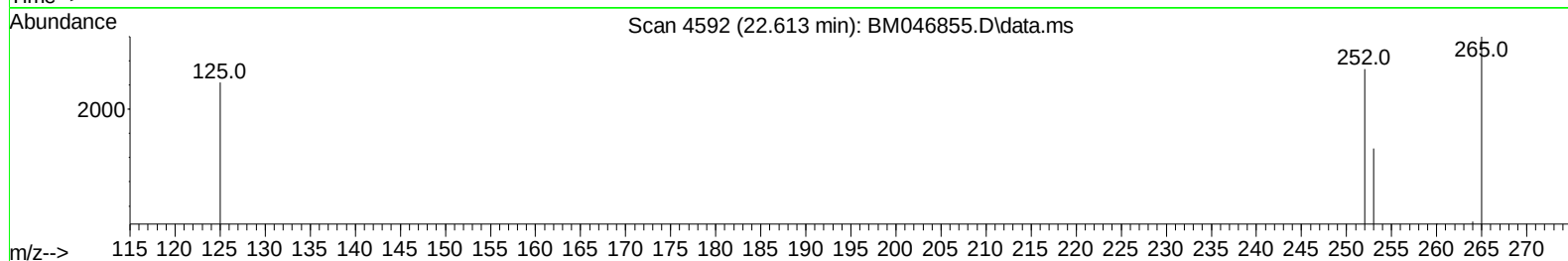
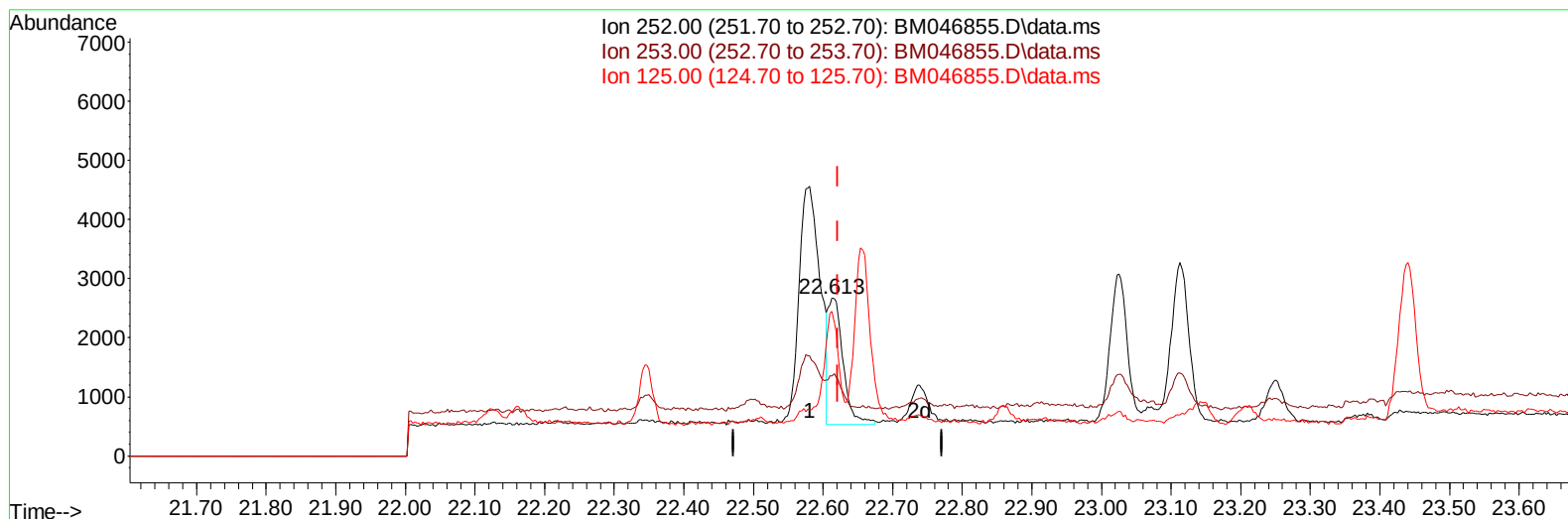
A4CM1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/29/2024

Supervised By :mohammad ahmed 08/05/2024

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TIC: BM046855.D\data.ms

(25) Benzo(k)fluoranthene

22.613min (-0.008) 0.08 ng/ul m

response 3204

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	50.69#
125.00	10.80	91.64#
0.00	0.00	0.00

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 Sample : P3264-15DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.464	152		4360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136		12783	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164		8063	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188		15957	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240		8149	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264		9138	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.096	96		2033	0.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152		964	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.908	212		1616	0.061	ng/ul	0.00
Target Compounds							
							Qvalue
10) Acenaphthylene	13.825	152		857	0.023	ng/ul#	81
15) Phenanthrene	16.908	178		8966	0.195	ng/ul	99
16) Anthracene	16.996	178		1553	0.036	ng/ul#	83
19) Fluoranthene	18.936	202		15007	0.419	ng/ul	99
20) Pyrene	19.303	202		12687	0.343	ng/ul	100
21) Benzo(a)anthracene	21.064	228		4745m	0.140	ng/ul	
22) Chrysene	21.114	228		6112	0.177	ng/ul	94
24) Benzo(b)fluoranthene	22.581	252		8355m	0.208	ng/ul	
25) Benzo(k)fluoranthene	22.613	252		3204m	0.079	ng/ul	
26) Benzo(a)pyrene	23.113	252		4732	0.164	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.306	276		4475	0.101	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.316	278		1076	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	25.947	276		4707	0.121	ng/ul#	85

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

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