

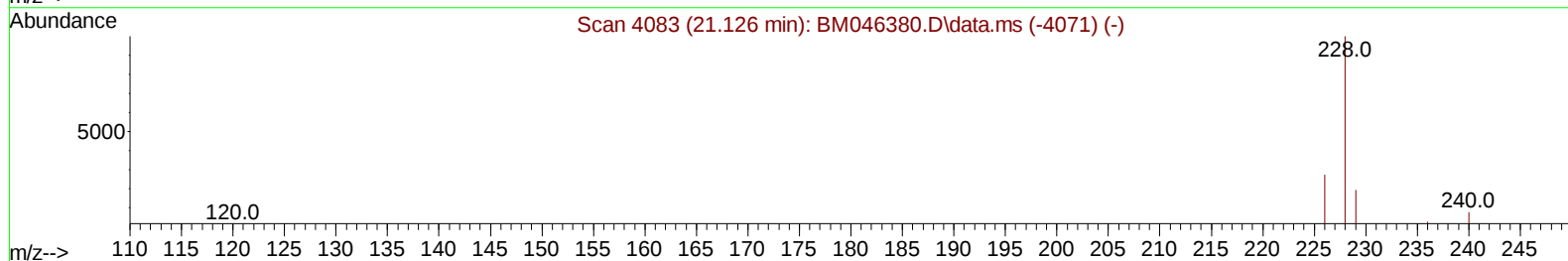
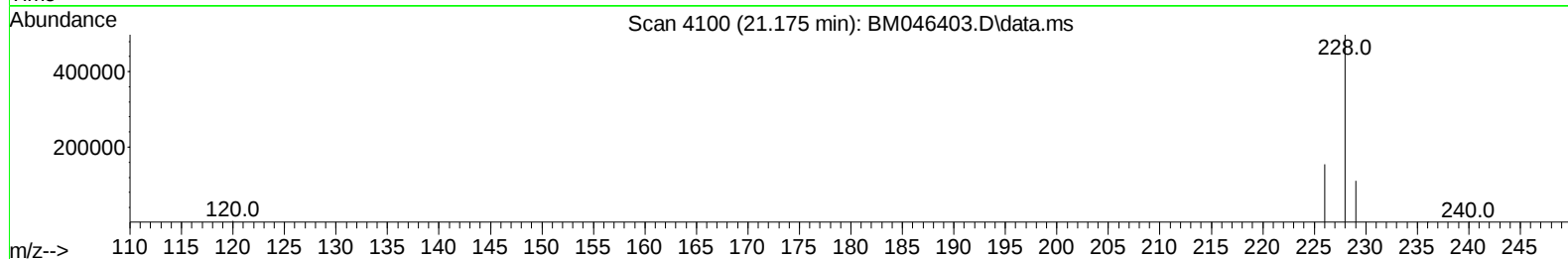
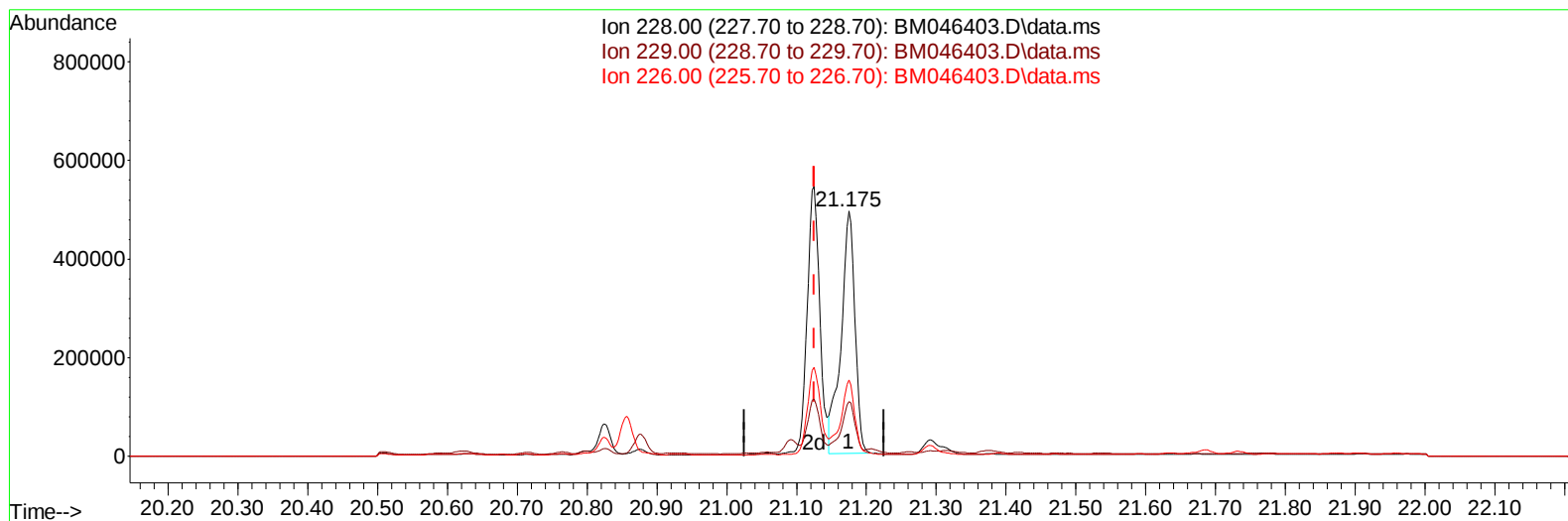
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046403.D
Acq On : 06 Jul 2024 04:50
Operator : MA/JU
Sample : P3010-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG2MS

Manual IntegrationsAPPROVED

Quant Time: Jul 06 05:21:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

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



TIC: BM046403.D\data.ms

(21) Benzo(a)anthracene

21.175min (+ 0.049) 11.78 ng/ul

response 682259

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.70	22.20
226.00	27.50	30.98
0.00	0.00	0.00

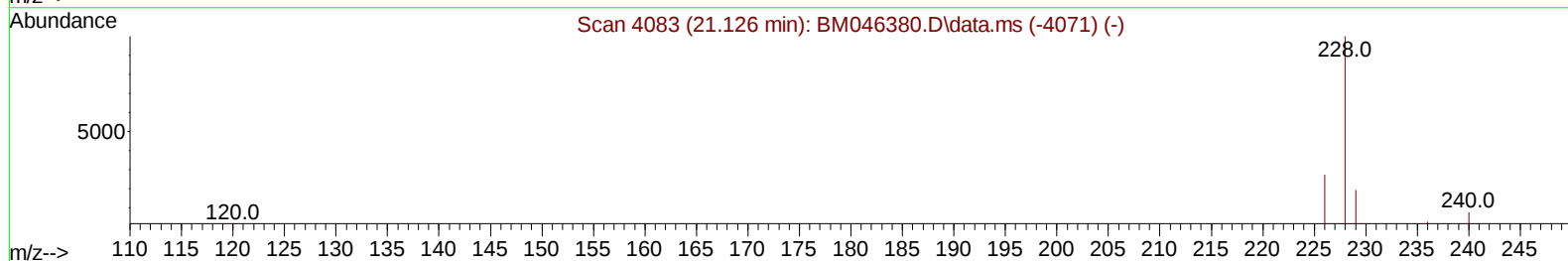
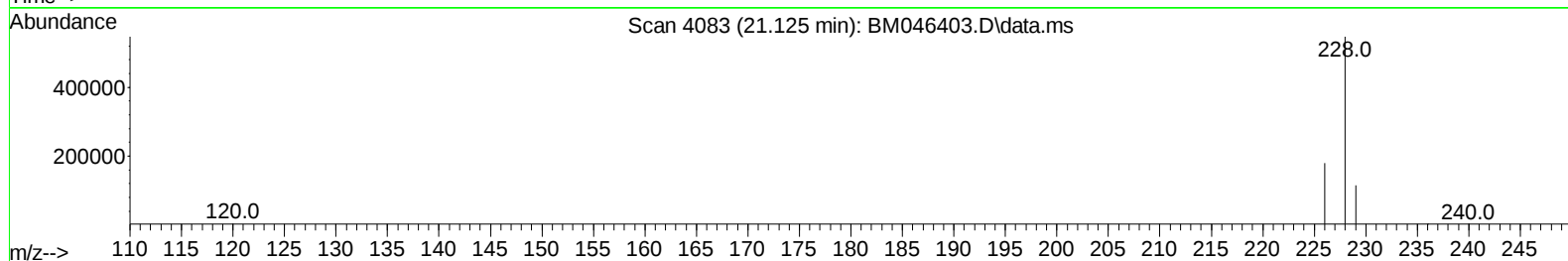
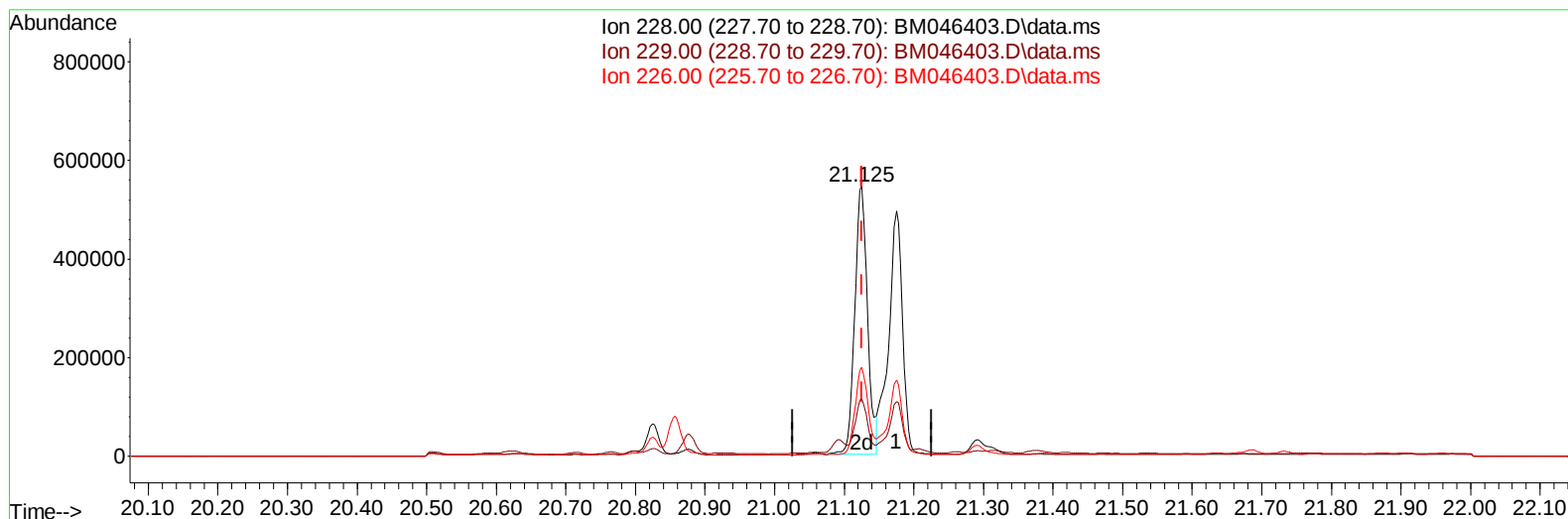
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG2MS

Manual IntegrationsAPPROVED

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



TIC: BM046403.D\data.ms

(21) Benzo(a)anthracene

21.125min (-0.000) 11.92 ng/ul m

response 689890

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.70	21.07
226.00	27.50	33.00#
0.00	0.00	0.00

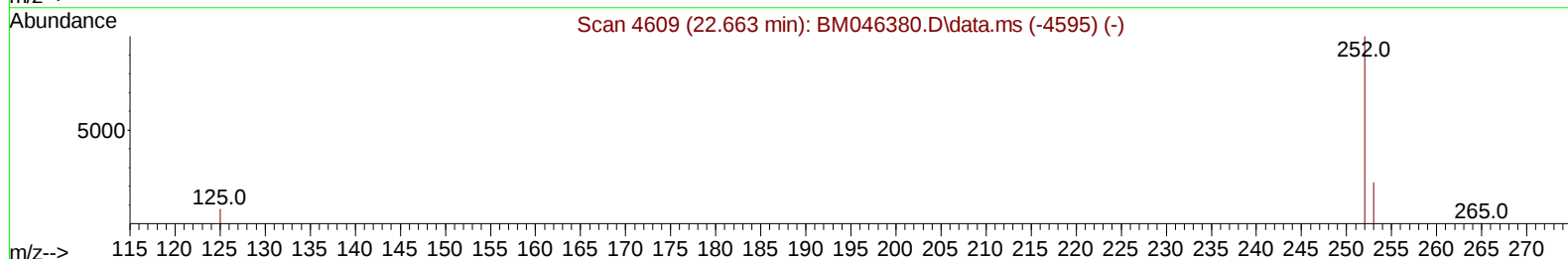
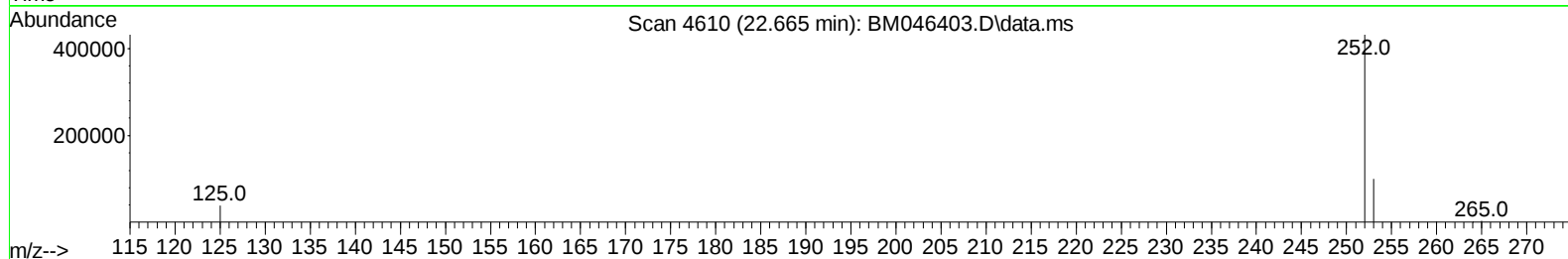
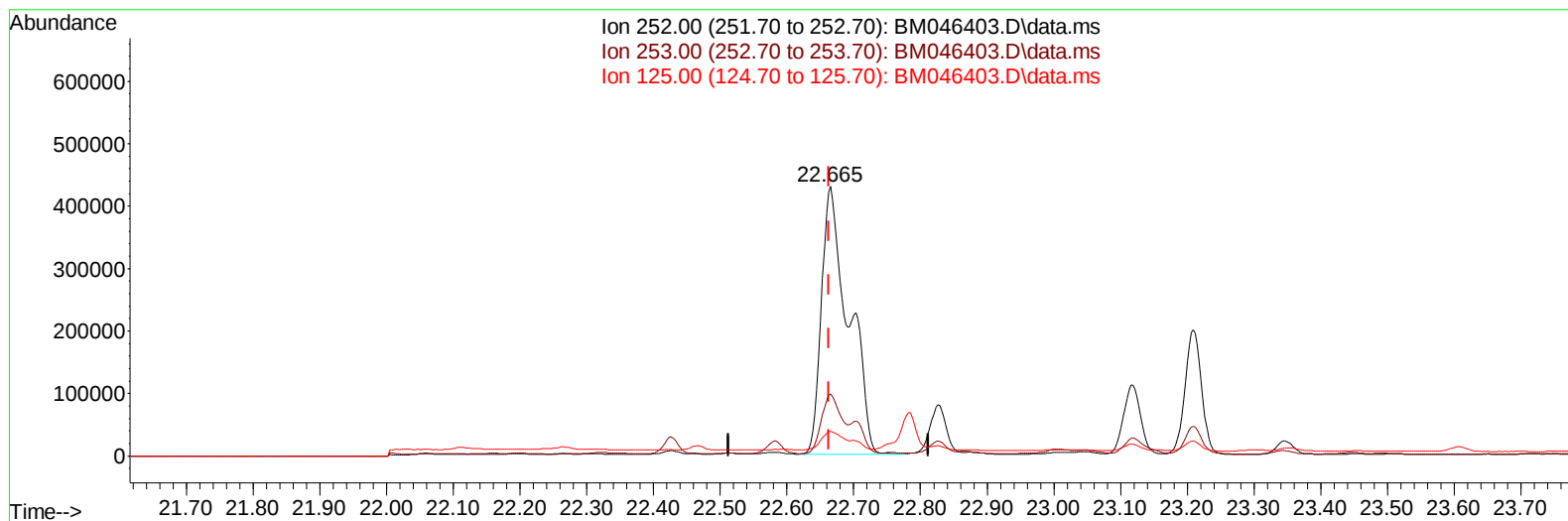
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Data File : BM046403.D
Acq On : 06 Jul 2024 04:50
Operator : MA/JU
Sample : P3010-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG2MS

Manual IntegrationsAPPROVED

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TIC: BM046403.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.003) 16.04 ng/u1

response 1206126

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	23.10
125.00	9.20	9.16
0.00	0.00	0.00

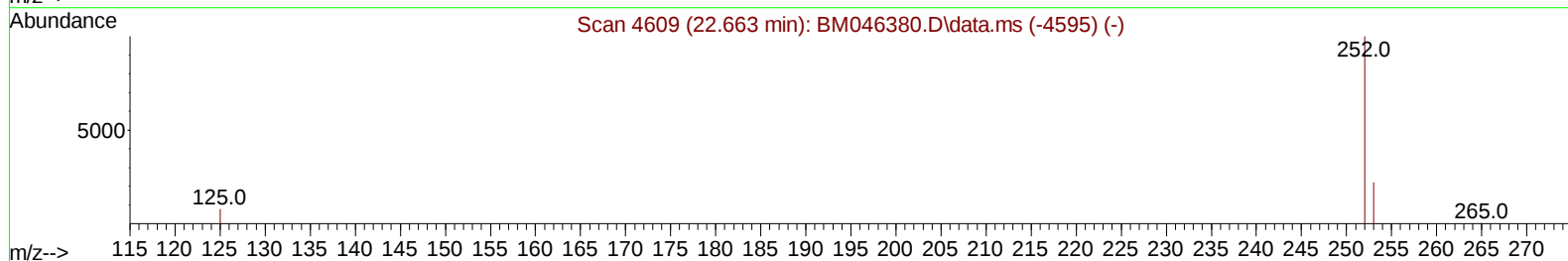
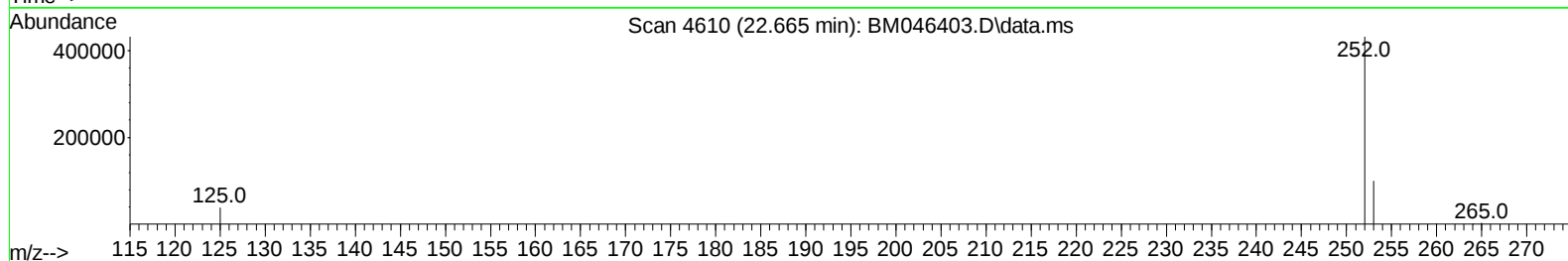
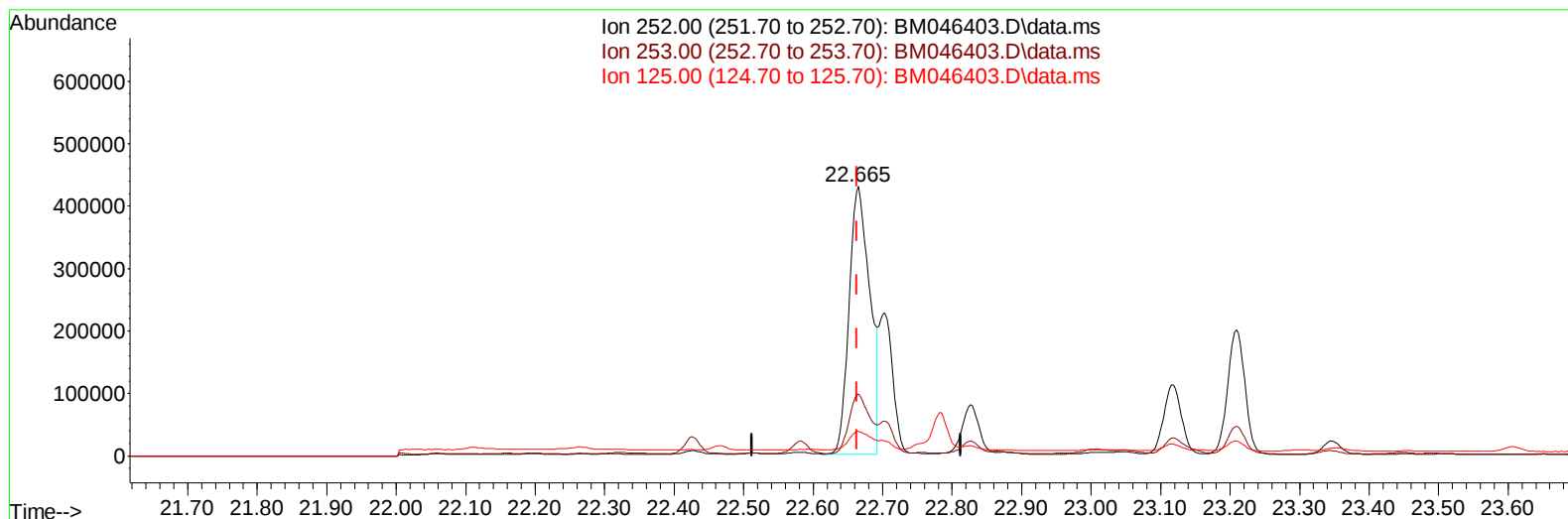
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Supervised By :mohammad ahmed 07/08/2024



TIC: BM046403.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.003) 11.81 ng/ul m

response 888043

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	23.10
125.00	9.20	9.16
0.00	0.00	0.00

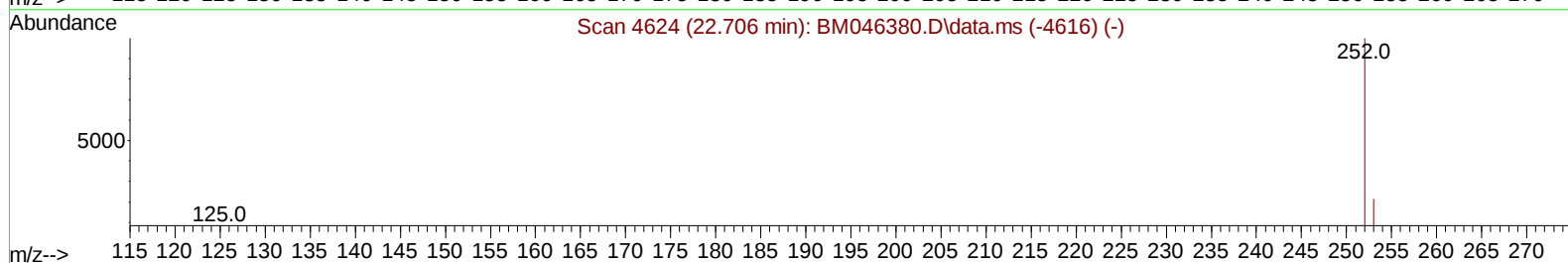
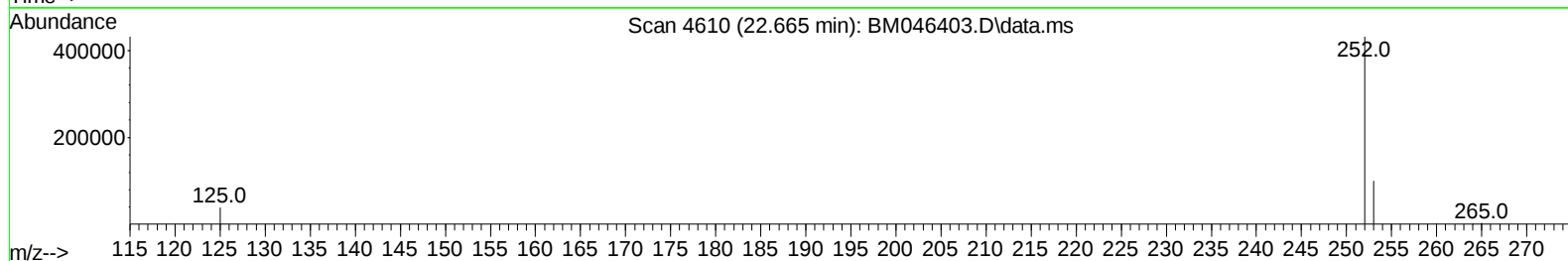
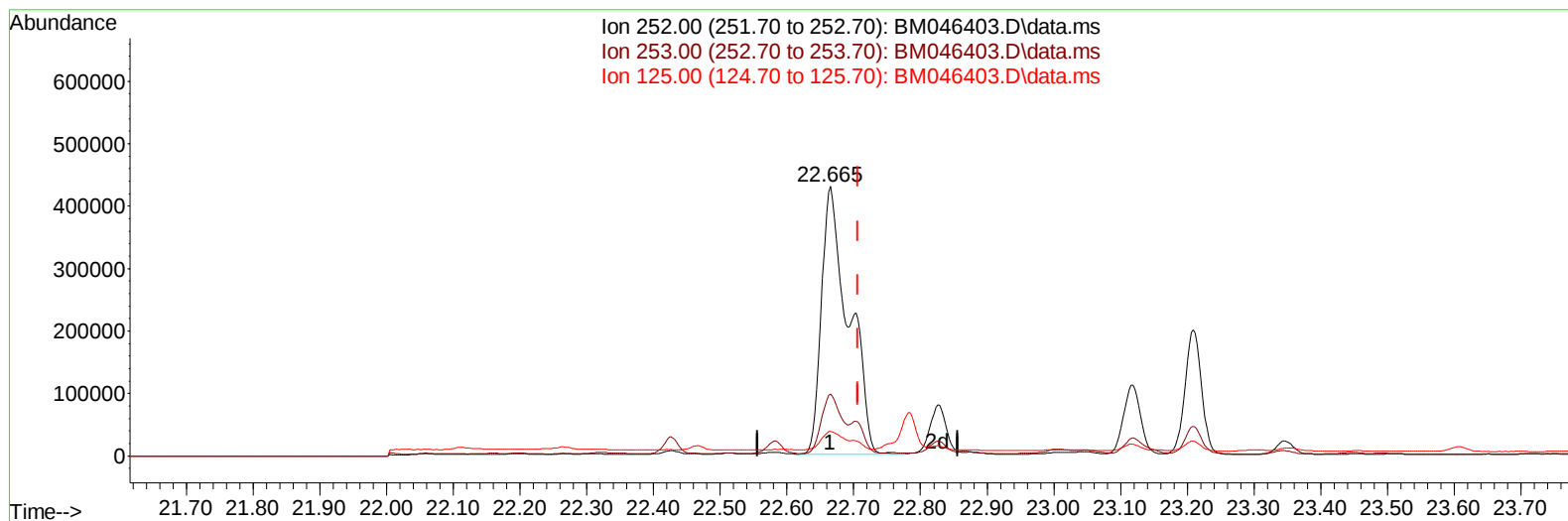
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 Data File : BM046403.D
 Acq On : 06 Jul 2024 04:50
 Operator : MA/JU
 Sample : P3010-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG2MS

Manual IntegrationsAPPROVED

Quant Time: Jul 06 05:21:21 2024
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Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



TIC: BM046403.D\data.ms

(25) Benzo(k)fluoranthene

22.665min (-0.041) 15.89 ng/u1

response 1206126

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	23.10
125.00	9.40	9.16
0.00	0.00	0.00

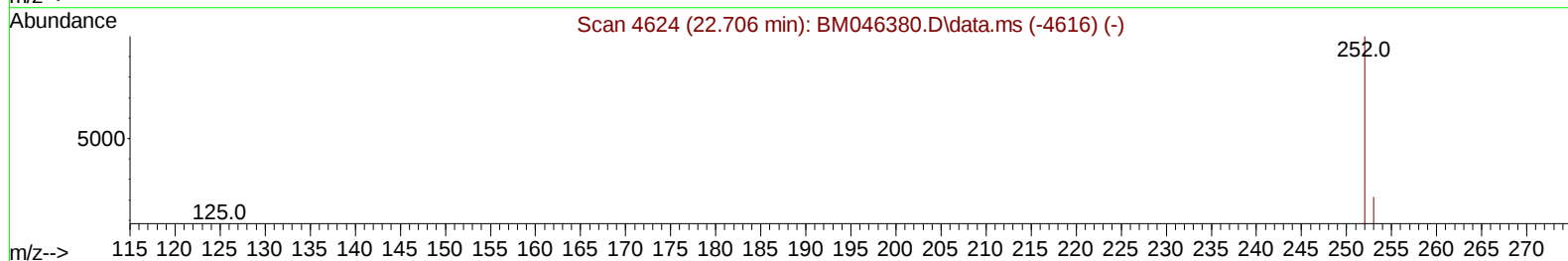
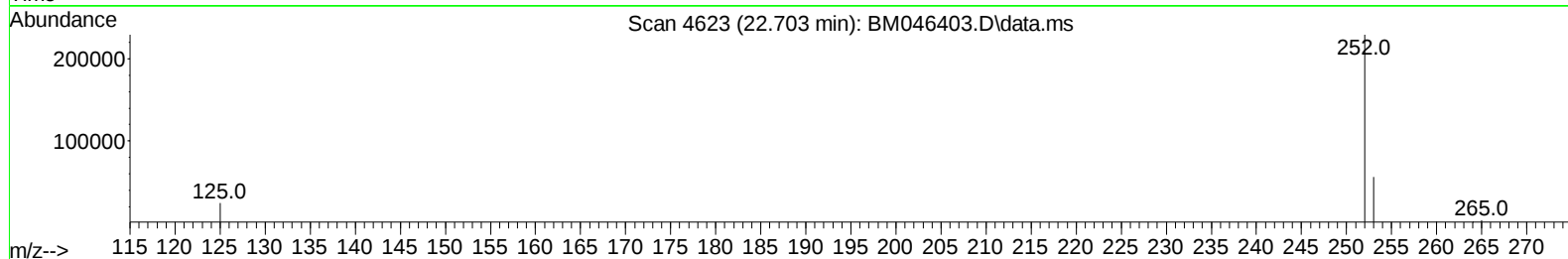
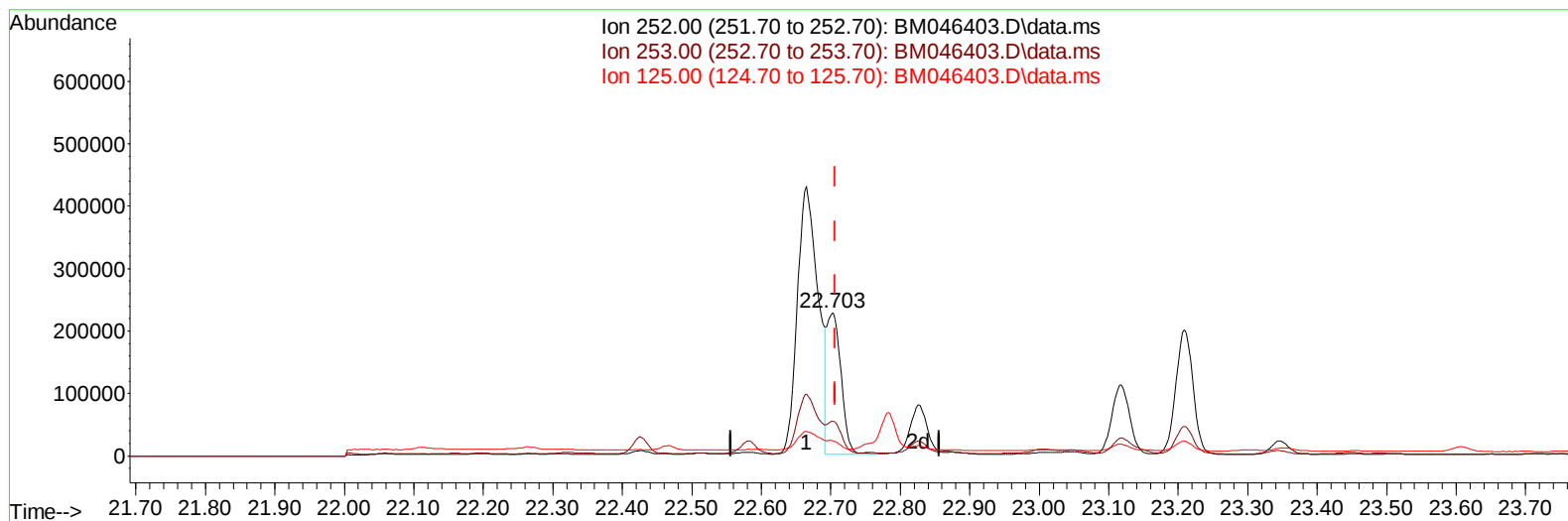
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Data File : BM046403.D
Acq On : 06 Jul 2024 04:50
Operator : MA/JU
Sample : P3010-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG2MS

Manual IntegrationsAPPROVED

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



TIC: BM046403.D\data.ms

(25) Benzo(k)fluoranthene

22.703min (-0.003) 4.22 ng/u1 m

response 320565

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	24.43
125.00	9.40	10.52
0.00	0.00	0.00

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 Acq On : 06 Jul 2024 04:50
 Operator : MA/JU
 Sample : P3010-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG2MS

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	9784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	27670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	16462	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	29395	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.140	240	12957	0.400	ng/ul	# 0.00
23) Perylene-d12	23.302	264	17685	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2372	0.235	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	8905	0.218	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	14743	0.325	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	6410	0.560	ng/ul	97
5) Naphthalene	10.348	128	66943	0.911	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	35332	0.711	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	28739	0.561	ng/ul	99
10) Acenaphthylene	13.896	152	161741	1.936	ng/ul	99
11) Acenaphthene	14.243	153	61141	1.122	ng/ul	98
12) Fluorene	15.238	166	69716	1.084	ng/ul	99
14) Pentachlorophenol	16.584	266	6560	0.765	ng/ul	99
15) Phenanthrene	16.972	178	1065665	12.106	ng/ul	99
16) Anthracene	17.061	178	284780	3.335	ng/ul	99
19) Fluoranthene	19.002	202	1691085	25.821	ng/ul	98
20) Pyrene	19.364	202	1225130	18.180	ng/ul#	95
21) Benzo(a)anthracene	21.125	228	689890m	11.917	ng/ul	
22) Chrysene	21.175	228	691823	12.019	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	888043m	11.811	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	320565m	4.224	ng/ul	
26) Benzo(a)pyrene	23.209	252	346356	5.828	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.453	276	364197	4.536	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.470	278	124462	2.004	ng/ul	94
29) Benzo(g,h,i)perylene	26.104	276	57405	0.897	ng/ul#	88

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

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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