

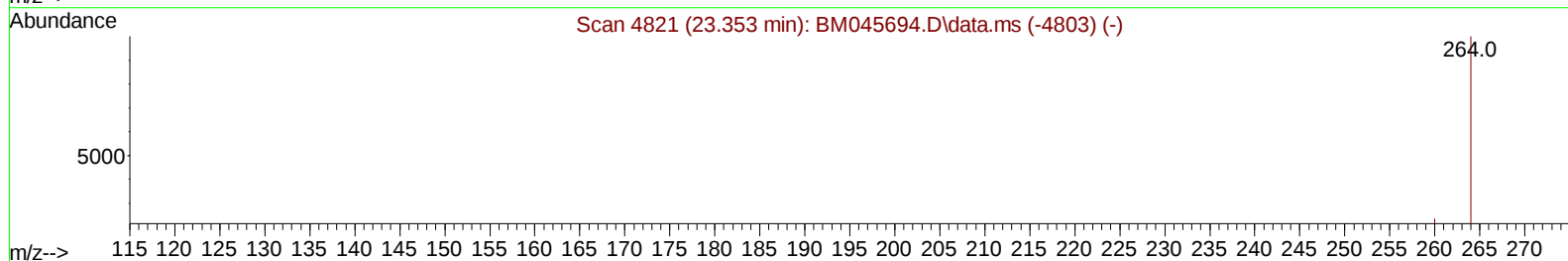
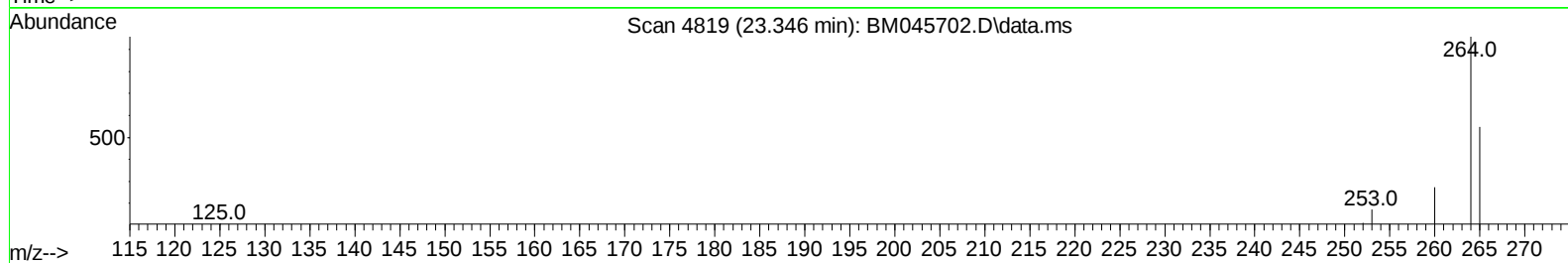
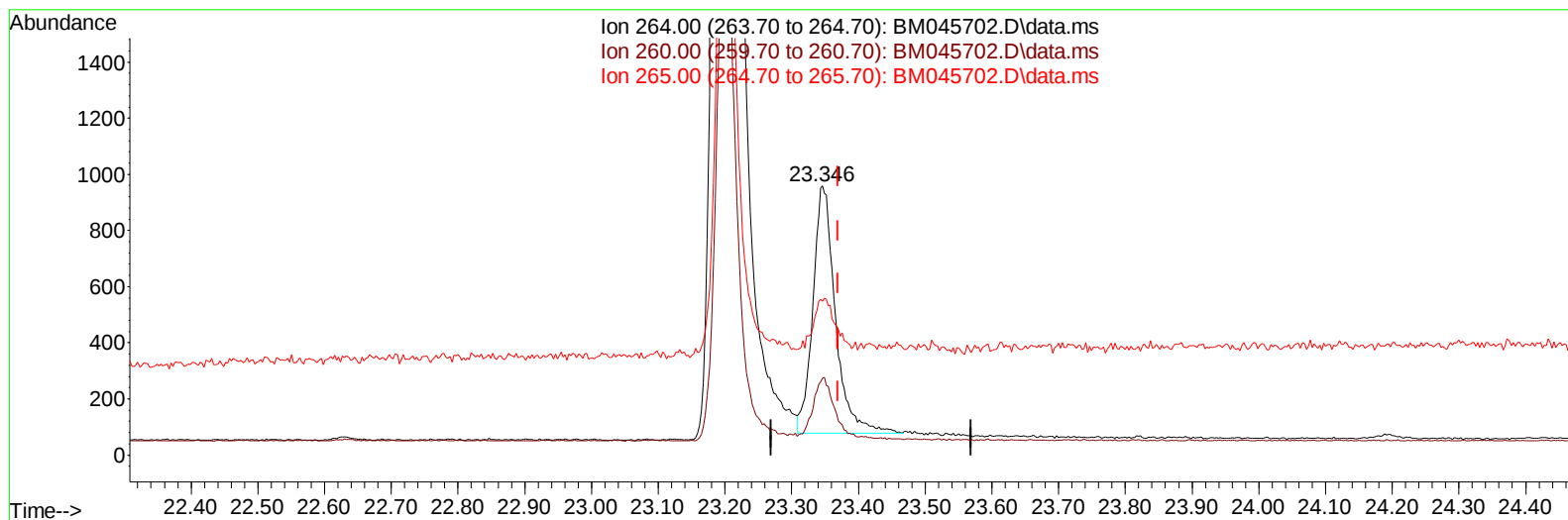
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045702.D
 Acq On : 03 May 2024 18:54
 Operator : MA/JU
 Sample : P2238-01DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX5DL

Manual IntegrationsAPPROVED

Quant Time: May 03 23:27:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BM045702.D\data.ms

(23) Perylene-d12 (I)

23.346min (-0.023) 0.40 ng/u1

response	2065	
Ion	Exp%	Act%
264.00	100.00	100.00
260.00	29.70	28.71
265.00	66.50	57.10
0.00	0.00	0.00

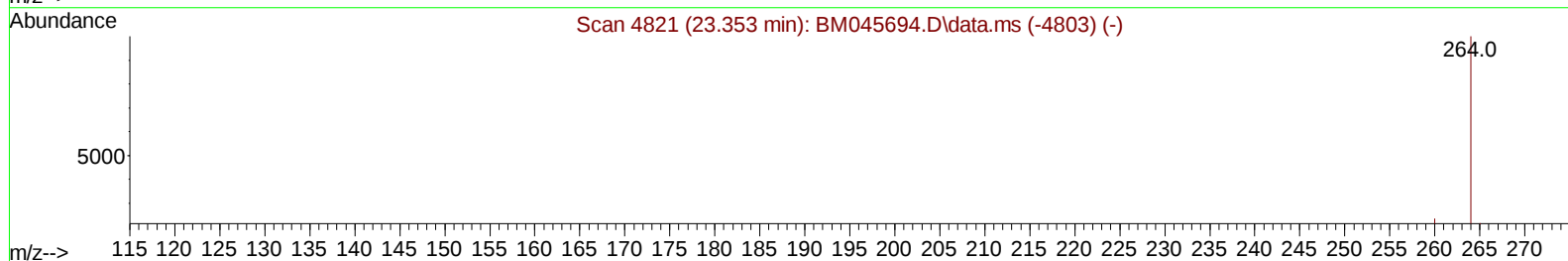
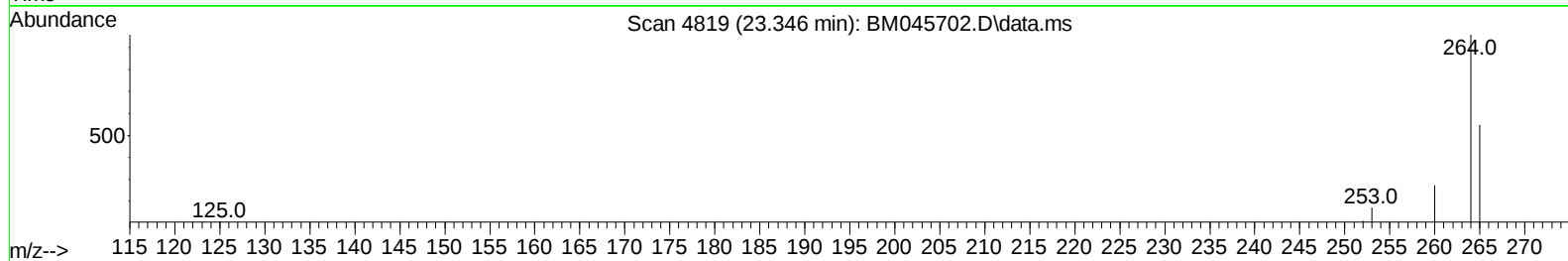
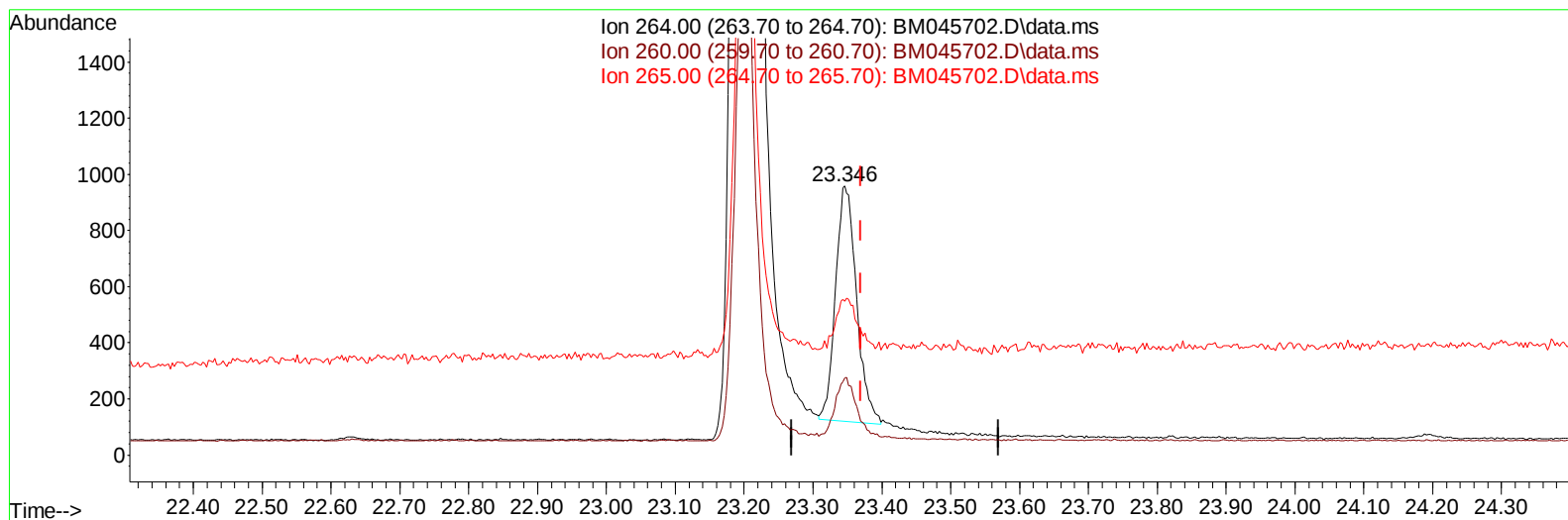
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Supervised By :mohammad ahmed 05/06/2024



TIC: BM045702.D\data.ms

(23) Perylene-d12 (I)

23.346min (-0.023) 0.40 ng/ul m

response 1777

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	29.70	28.71
265.00	66.50	57.10
0.00	0.00	0.00

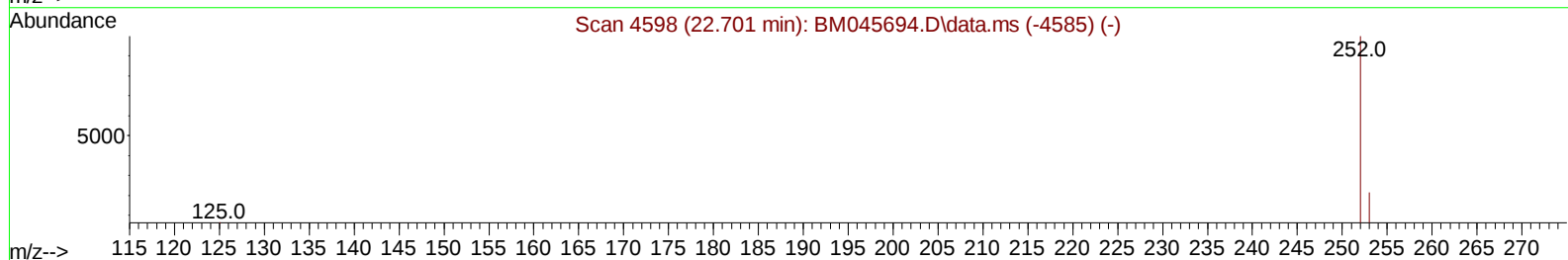
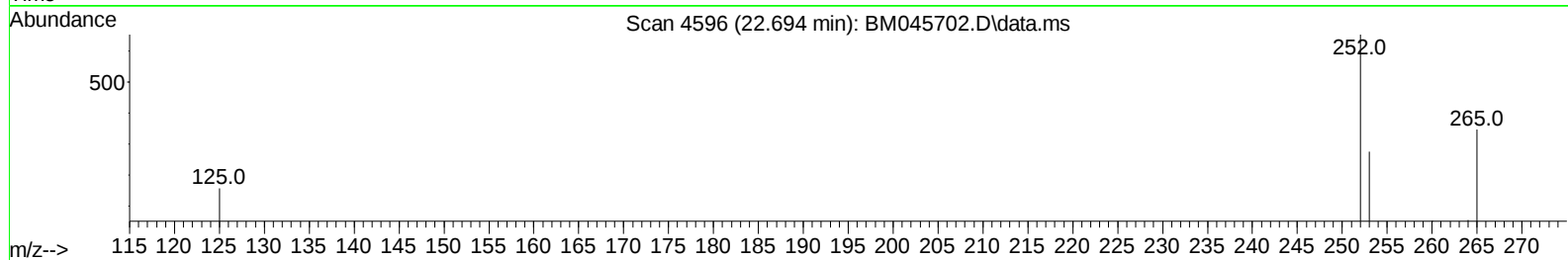
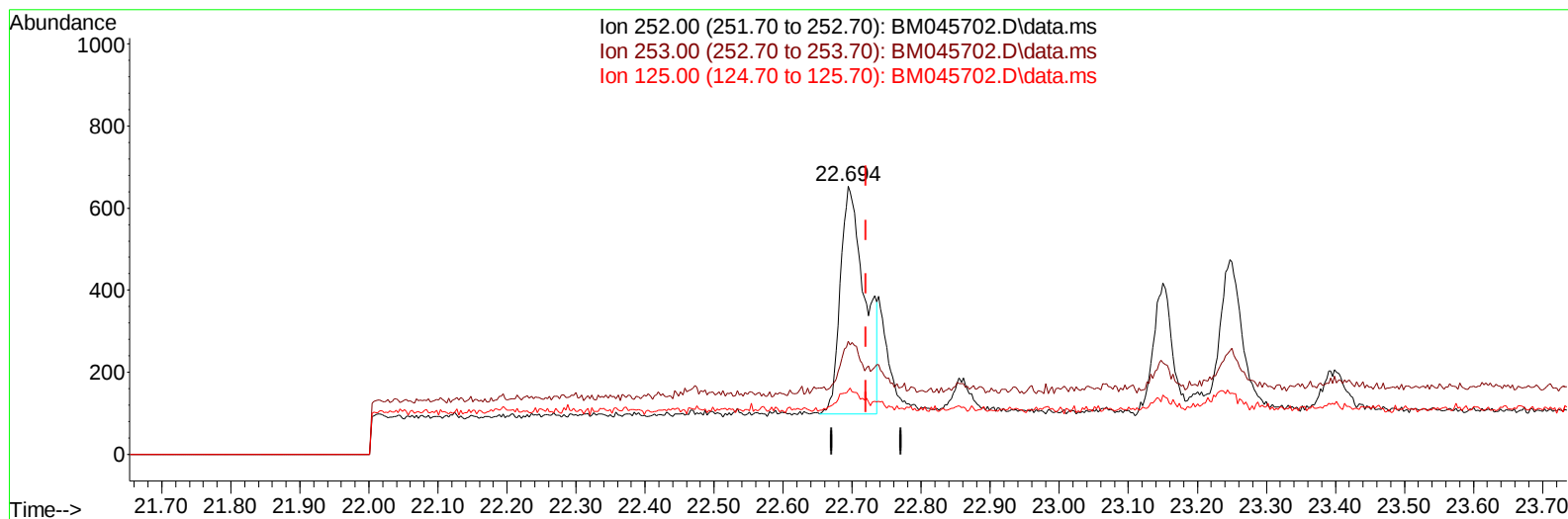
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045702.D\data.ms

(24) Benzo(b)fluoranthene

22.694min (-0.026) 0.27 ng/u1

response 1360

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	42.05
125.00	14.00	23.85
0.00	0.00	0.00

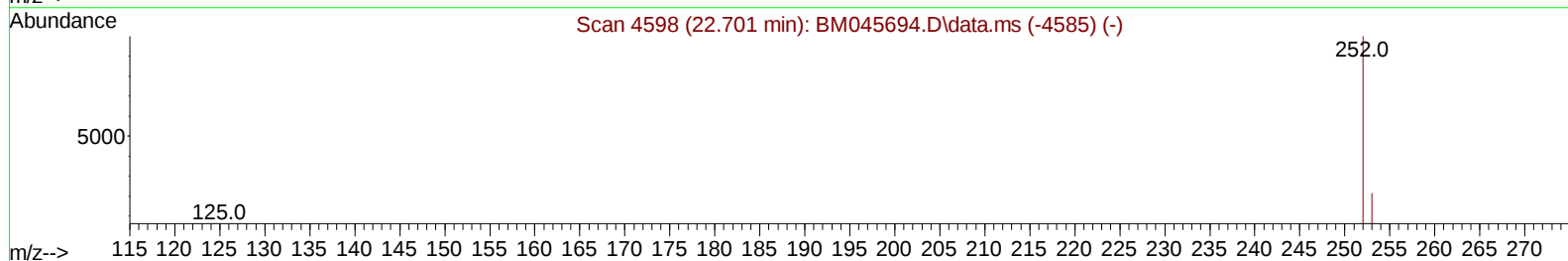
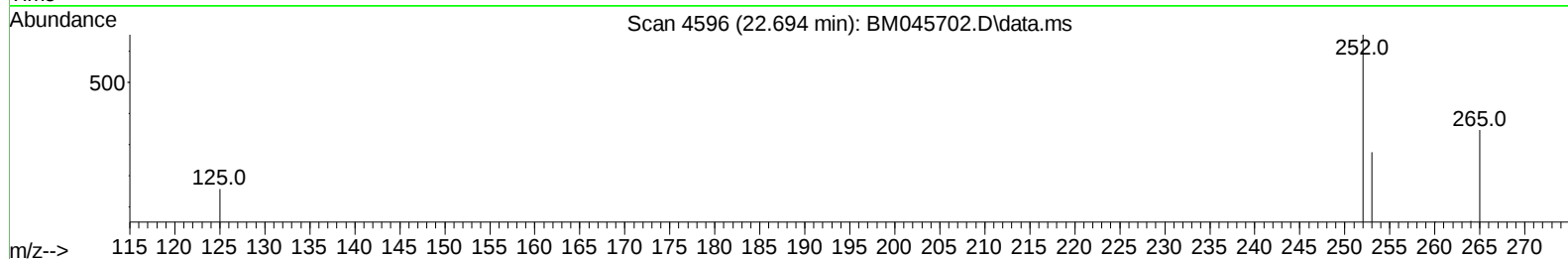
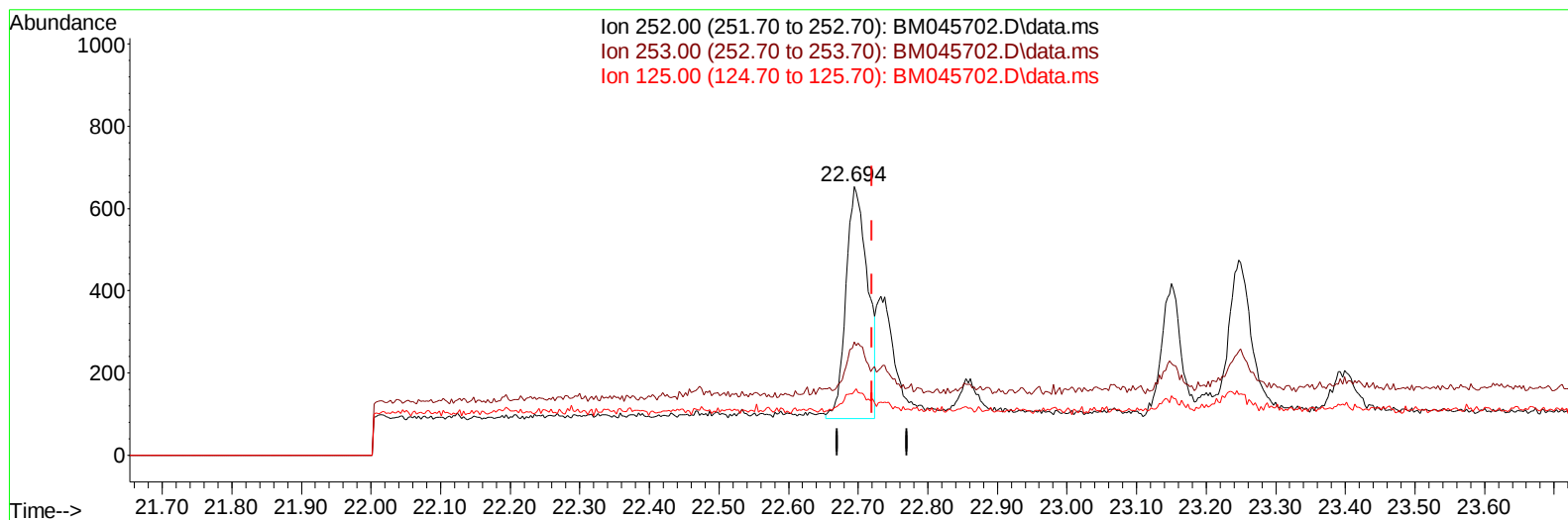
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Operator : MA/JU
Sample : P2238-01DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX5DL

Manual IntegrationsAPPROVED

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TIC: BM045702.D\data.ms

(24) Benzo(b)fluoranthene

22.694min (-0.026) 0.24 ng/u1 m

response 1209

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	42.05
125.00	14.00	23.85
0.00	0.00	0.00

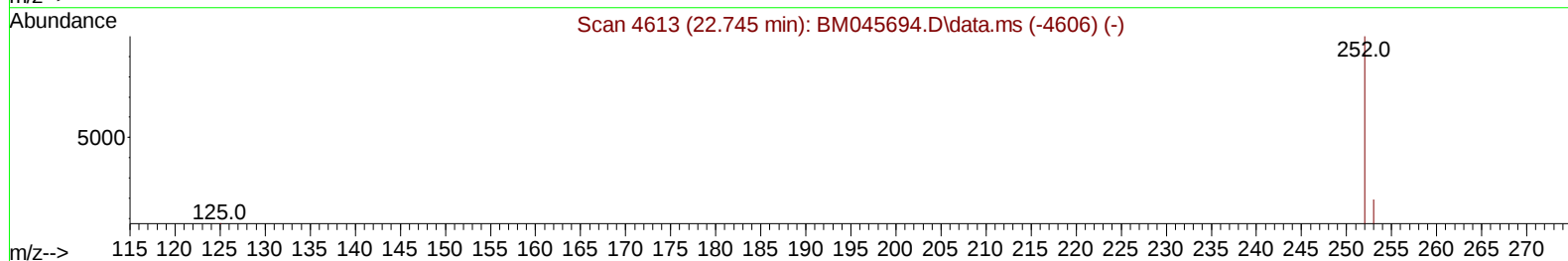
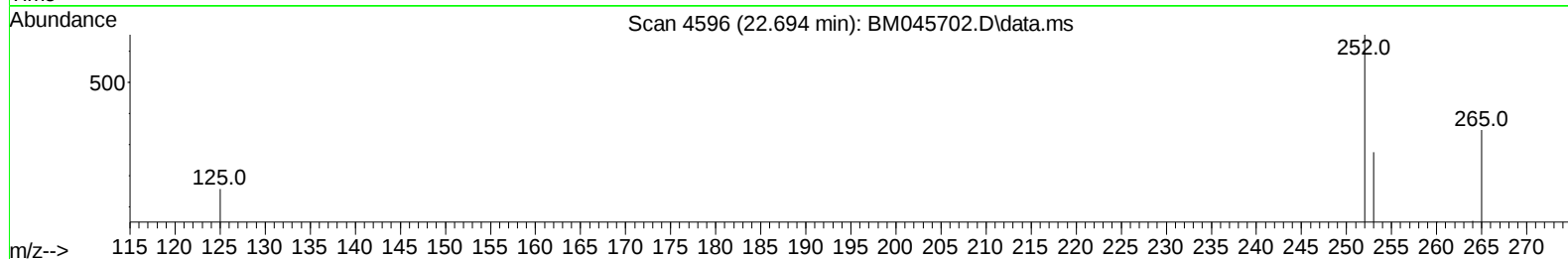
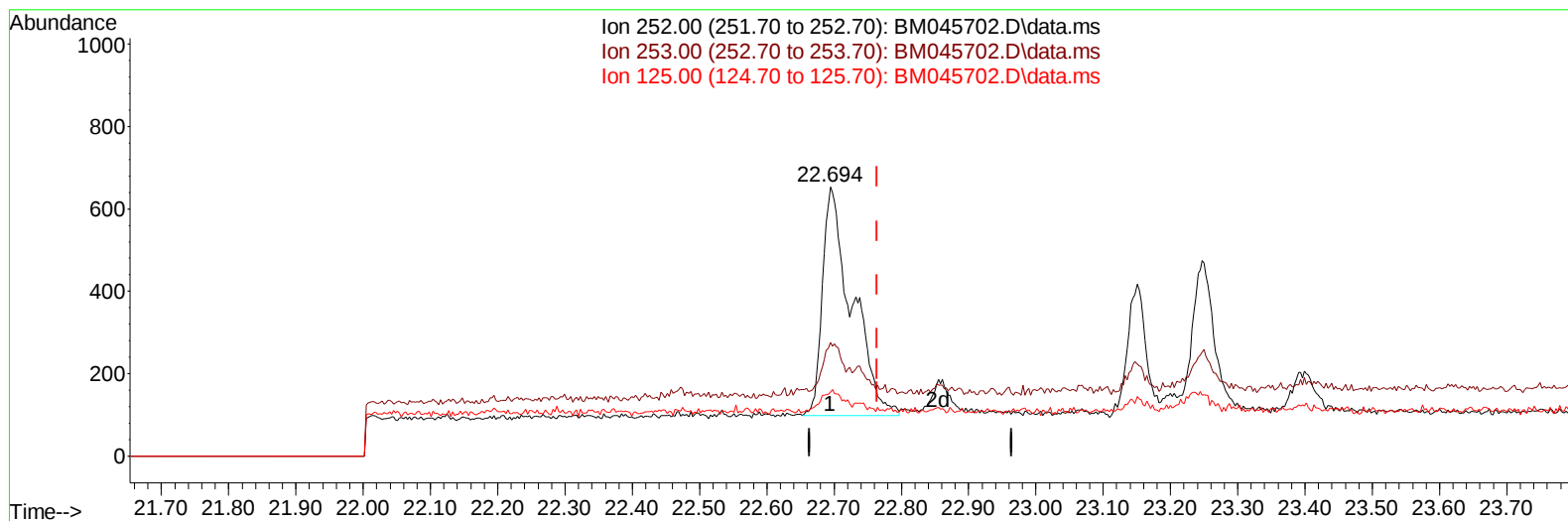
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 Acq On : 03 May 2024 18:54
 Operator : MA/JU
 Sample : P2238-01DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX5DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 05/06/2024



TIC: BM045702.D\data.ms

(25) Benzo(k)fluoranthene

22.694min (-0.070) 0.27 ng/u1

response 1682

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	42.05#
125.00	14.90	23.85#
0.00	0.00	0.00

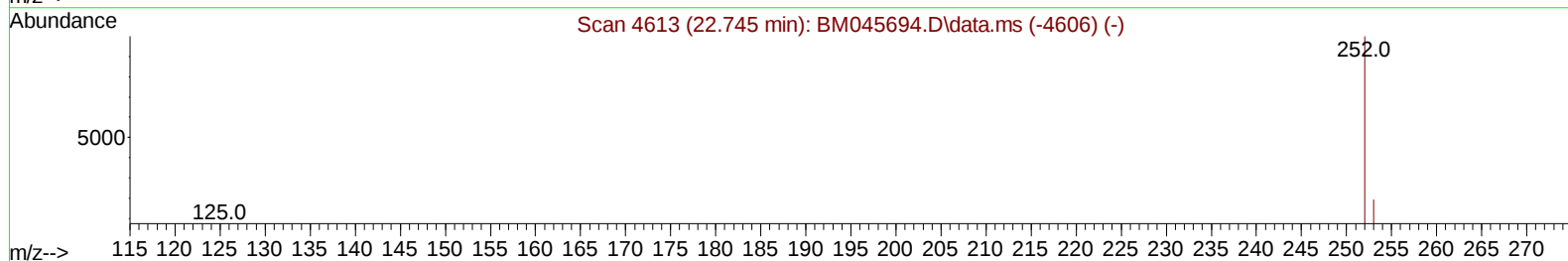
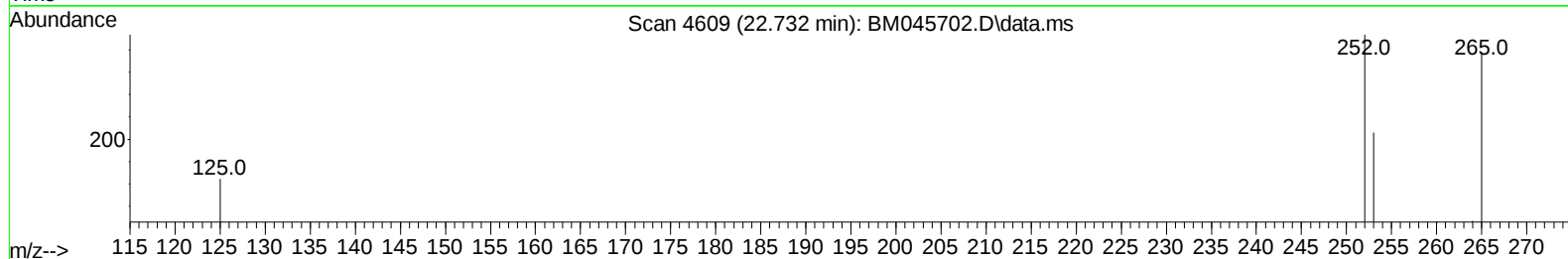
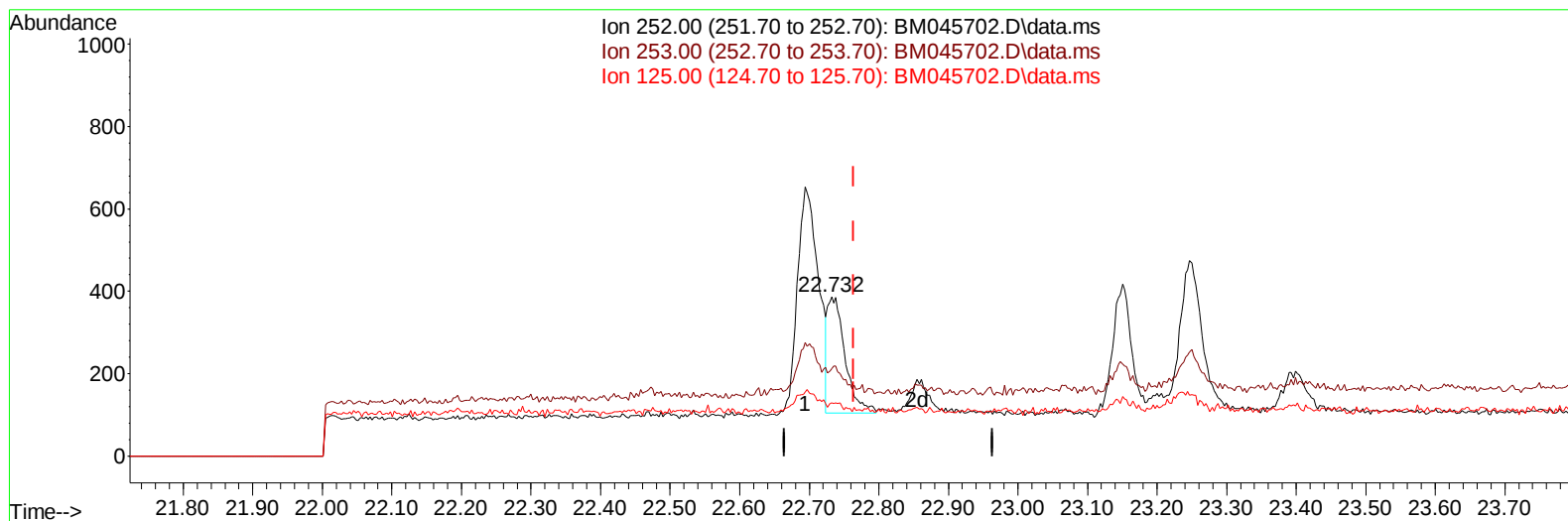
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Data File : BM045702.D
Acq On : 03 May 2024 18:54
Operator : MA/JU
Sample : P2238-01DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX5DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/06/2024



TIC: BM045702.D\data.ms

(25) Benzo(k)fluoranthene

22.732min (-0.032) 0.08 ng/u1 m

response 489

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	54.78#
125.00	14.90	33.33#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.538	152		263	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.314	136		807	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.178	164		550	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.947	188		1203	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.172	240		1333	0.400	ng/ul	-0.01
23) Perylene-d12	23.346	264		1777m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.150	96		171	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152		44	0.035	ng/ul	-0.02
18) Fluoranthene-d10	18.983	212		145	0.043	ng/ul	-0.03
Target Compounds					Qvalue		
5) Naphthalene	10.364	128		169	0.082	ng/ul#	64
7) 2-Methylnaphthalene	12.008	142		61	0.049	ng/ul	84
8) 1-Methylnaphthalene	12.217	142		38	0.028	ng/ul	97
10) Acenaphthylene	13.900	152		66	0.029	ng/ul#	24
11) Acenaphthene	14.243	153		258	0.151	ng/ul	92
12) Fluorene	15.247	166		146	0.074	ng/ul#	87
15) Phenanthrene	16.989	178		3022	1.011	ng/ul#	90
16) Anthracene	17.086	178		589	0.203	ng/ul	93
19) Fluoranthene	19.016	202		2582	0.610	ng/ul#	91
20) Pyrene	19.383	202		1978	0.439	ng/ul#	95
21) Benzo(a)anthracene	21.160	228		819	0.211	ng/ul	92
22) Chrysene	21.207	228		824	0.150	ng/ul	94
24) Benzo(b)fluoranthene	22.694	252		1209m	0.244	ng/ul	
25) Benzo(k)fluoranthene	22.732	252		489m	0.080	ng/ul	
26) Benzo(a)pyrene	23.247	252		819	0.149	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.537	276		570	0.075	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.557	278		147	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.191	276		607	0.091	ng/ul#	76

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

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