

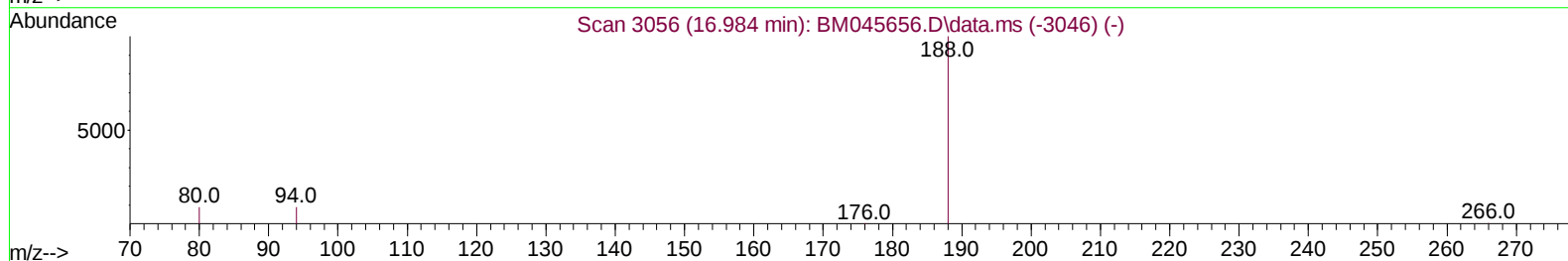
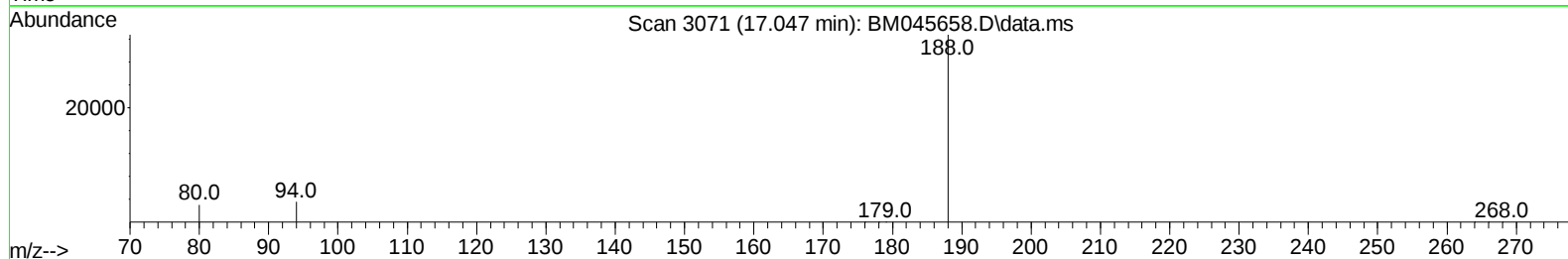
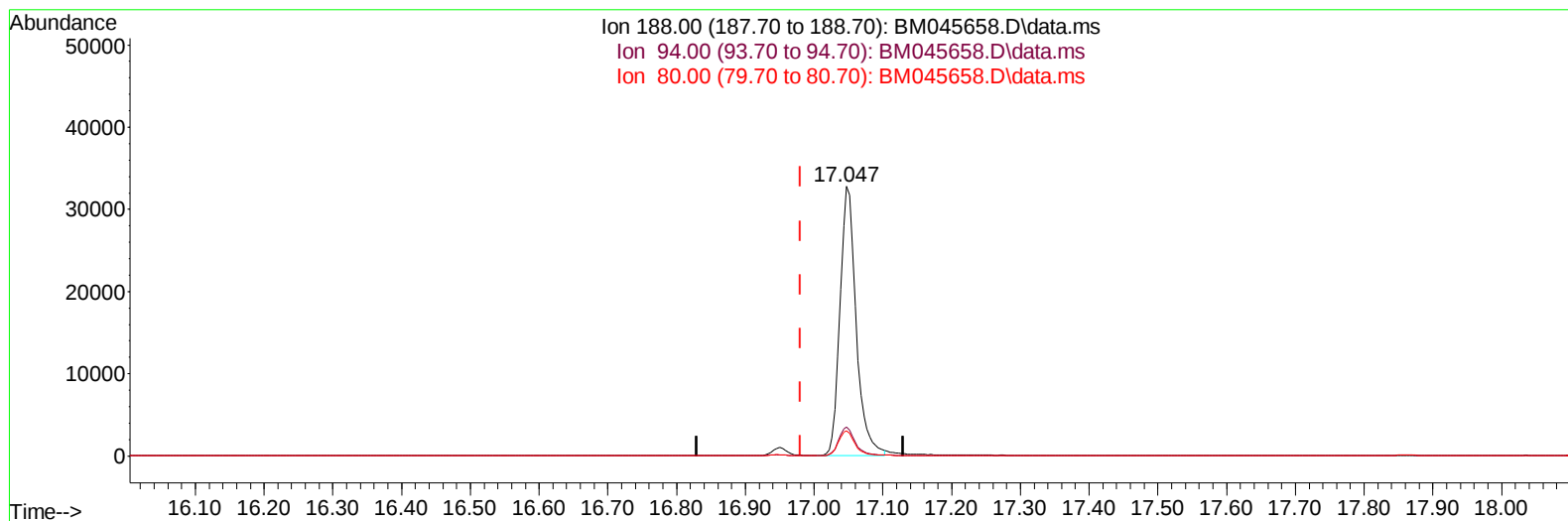
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045658.D
Acq On : 01 May 2024 12:34
Operator : MA/JU
Sample : P2105-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB4

Manual IntegrationsAPPROVED

Quant Time: May 01 13:11:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045658.D\data.ms

(13) Phenanthrene-d10 (I)

17.047min (+ 0.068) 0.40 ng/u1

response 53518

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.87#
80.00	14.80	9.44#
0.00	0.00	0.00

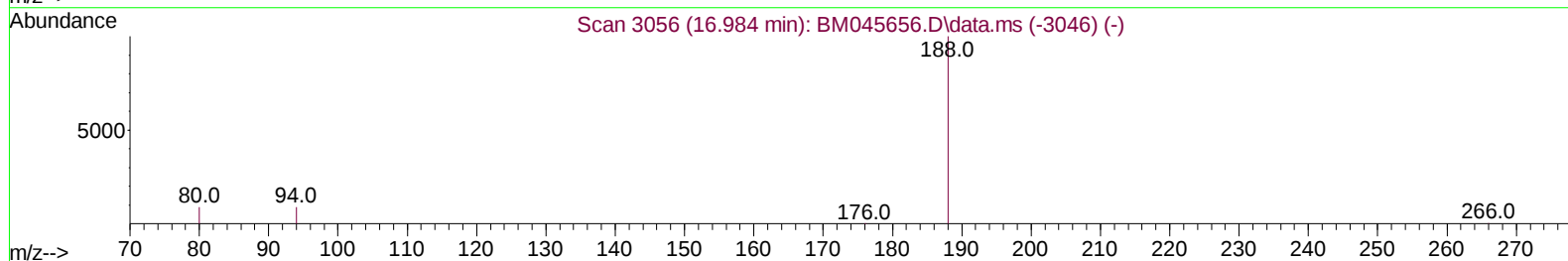
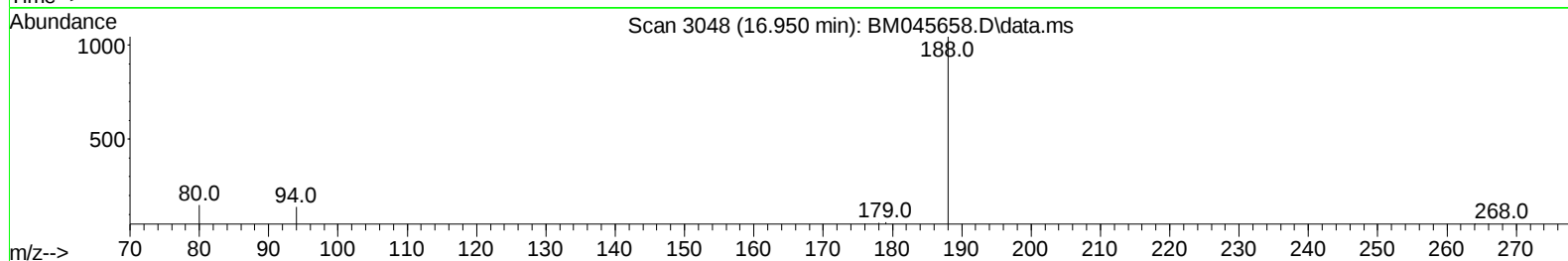
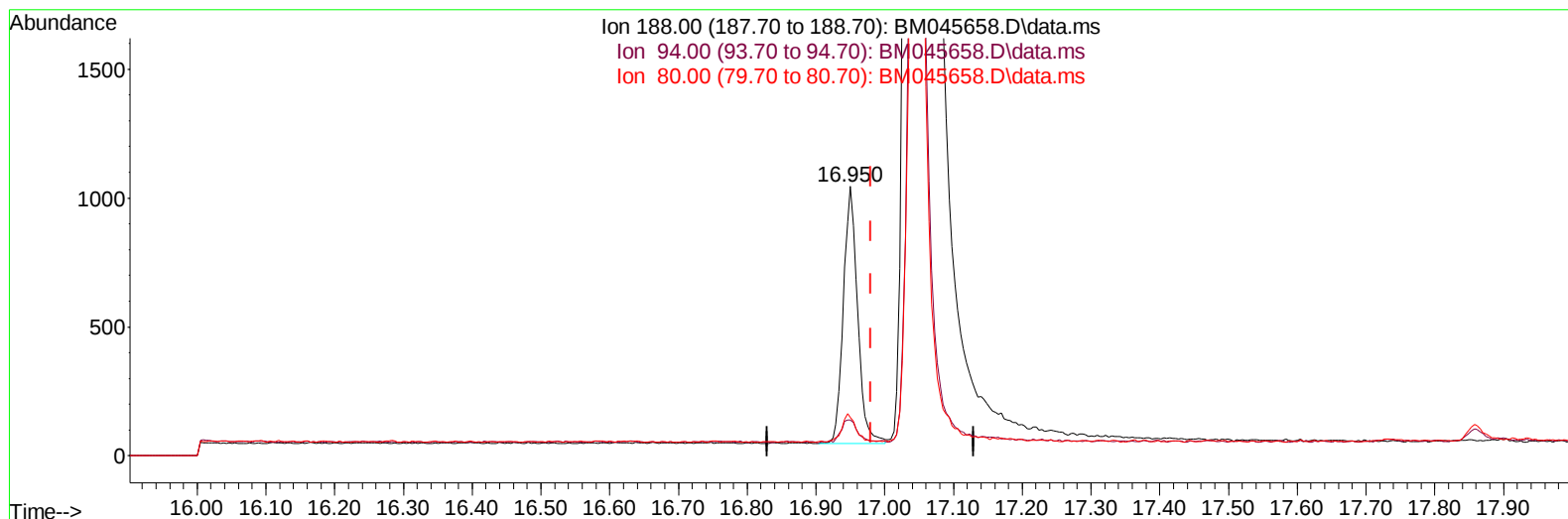
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ClientSampleId :
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TIC: BM045658.D\data.ms

(13) Phenanthrene-d10 (I)

16.950min (-0.030) 0.40 ng/u1 m

response 1440

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	13.21
80.00	14.80	14.26
0.00	0.00	0.00

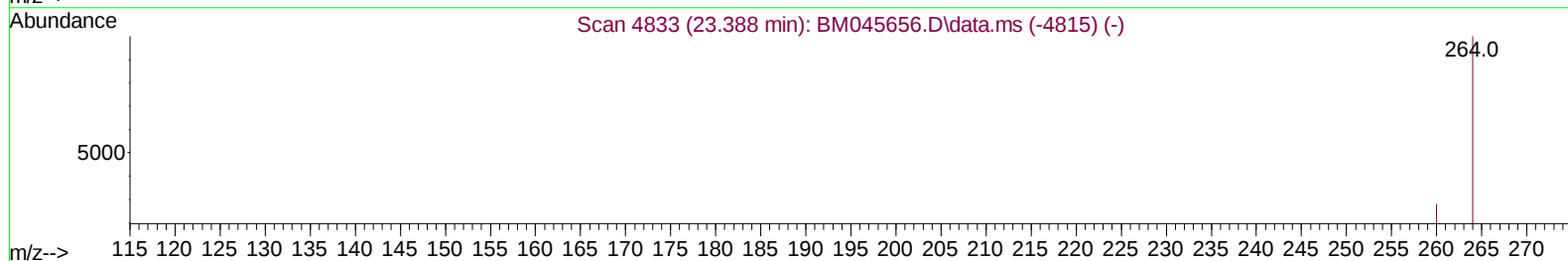
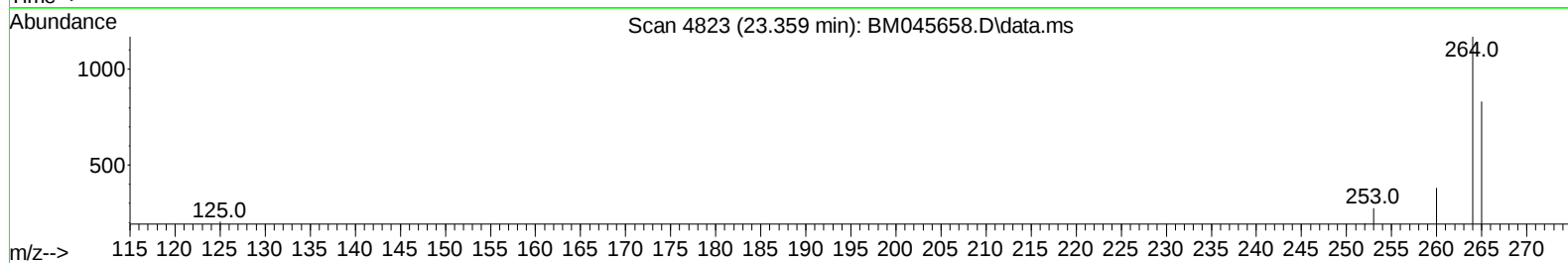
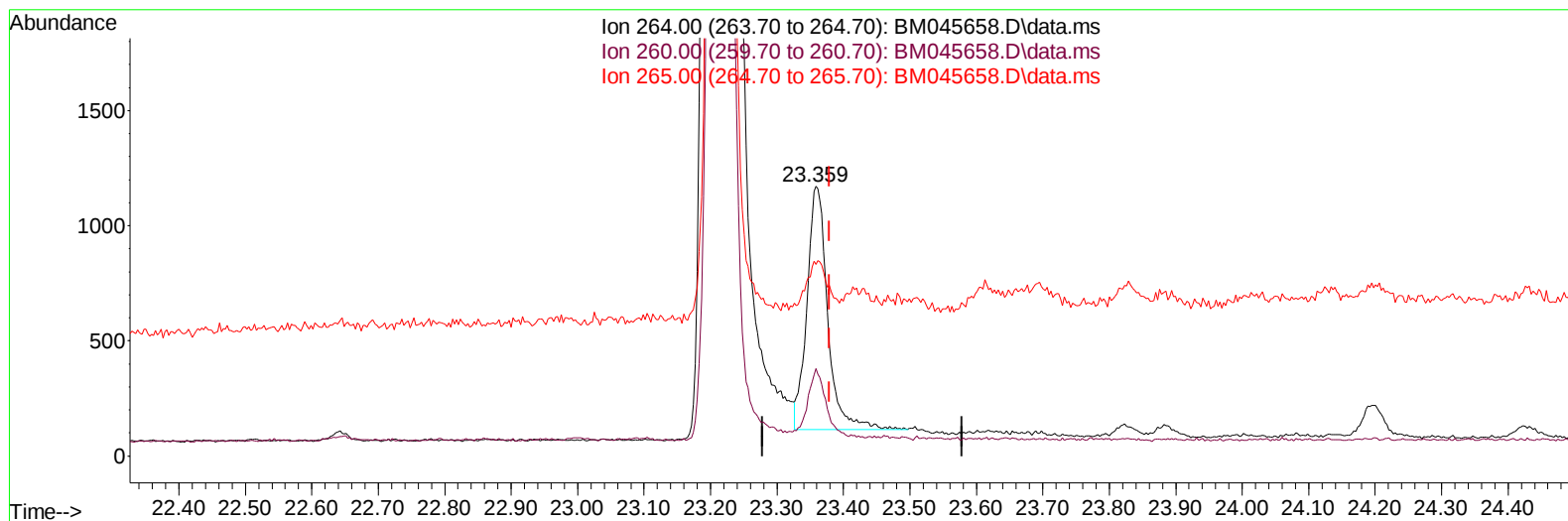
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Data File : BM045658.D
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Sample : P2105-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045658.D\data.ms

(23) Perylene-d12 (I)

23.359min (-0.020) 0.40 ng/u1

response 2315

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	32.48
265.00	86.70	71.03
0.00	0.00	0.00

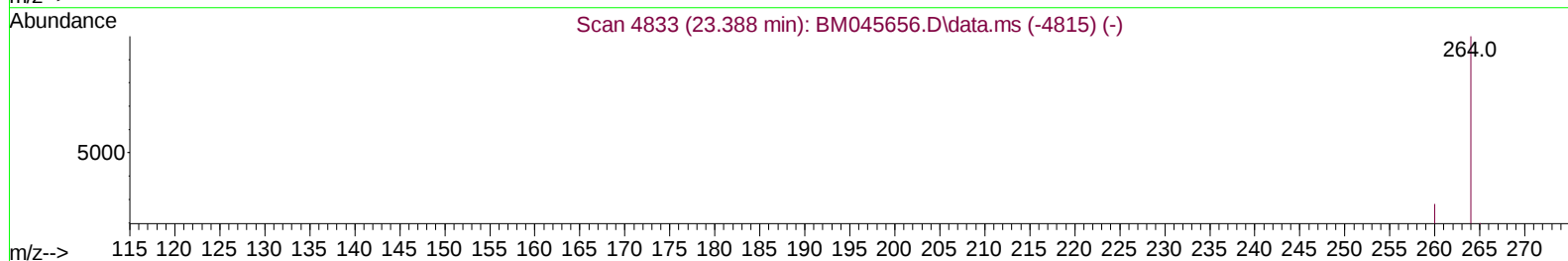
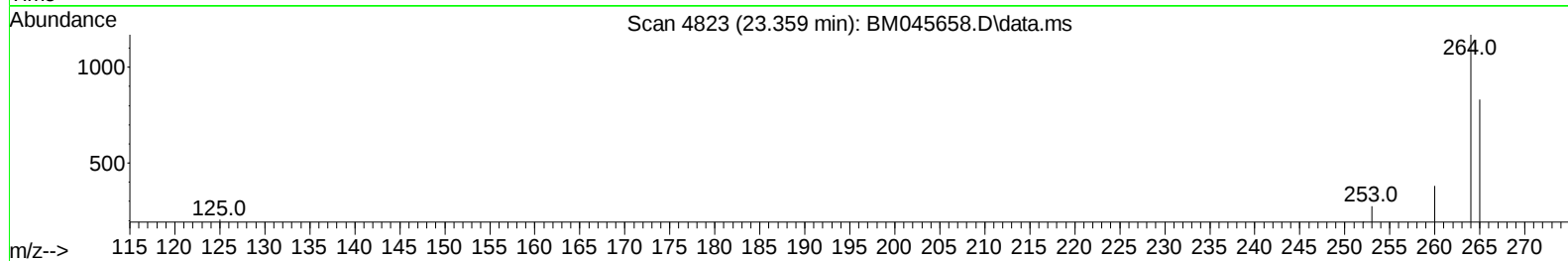
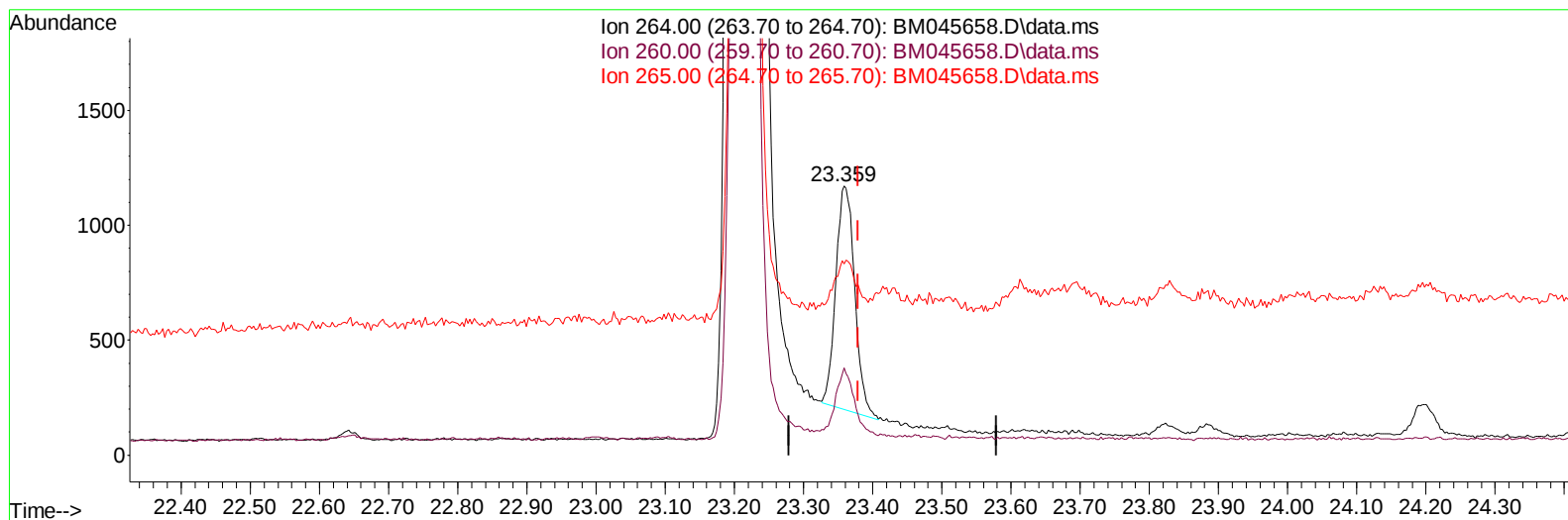
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 Sample : P2105-06
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BM045658.D\data.ms

(23) Perylene-d12 (I)

23.359min (-0.020) 0.40 ng/u1 m

response 1837

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	32.48
265.00	86.70	71.03
0.00	0.00	0.00

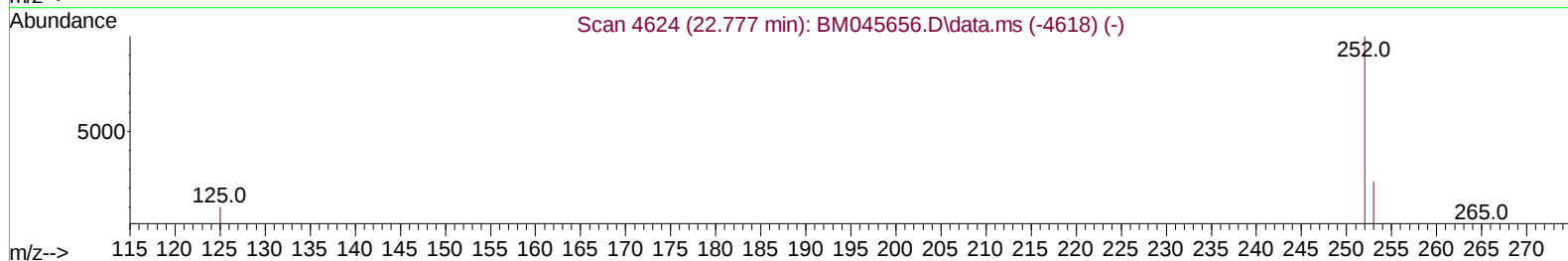
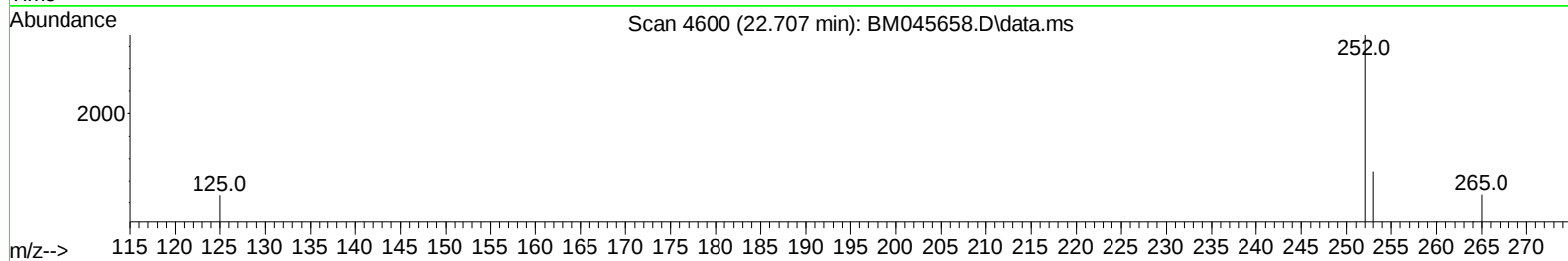
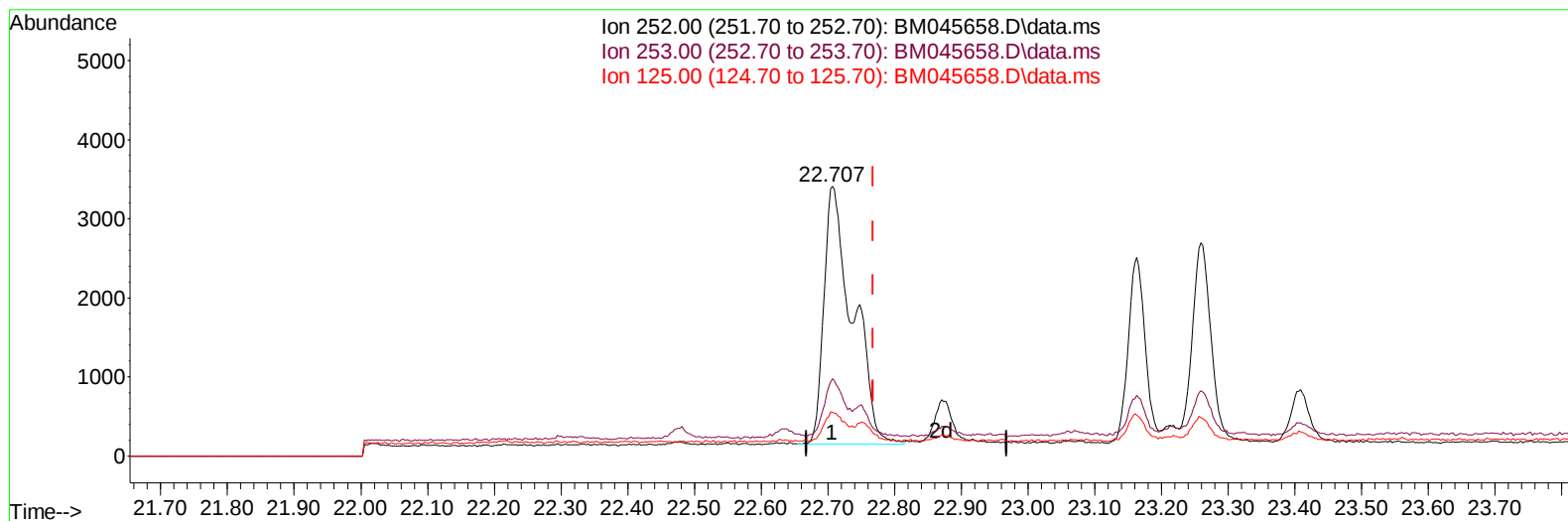
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Data File : BM045658.D
Acq On : 01 May 2024 12:34
Operator : MA/JU
Sample : P2105-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB4

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TIC: BM045658.D\data.ms

(25) Benzo(k)fluoranthene

22.707min (-0.061) 1.26 ng/u1

response 9833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.56
125.00	18.50	16.08
0.00	0.00	0.00

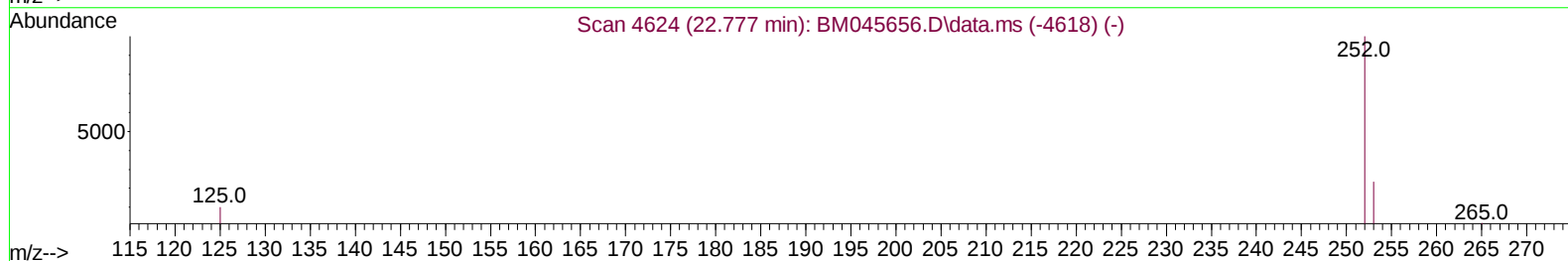
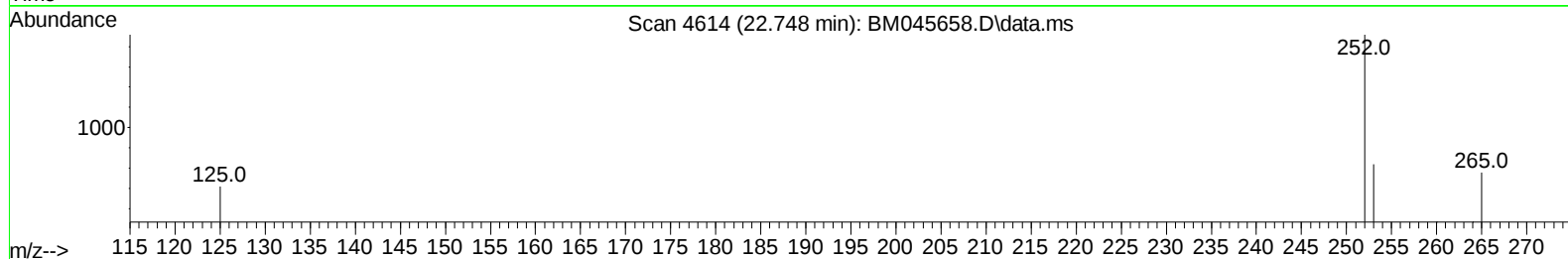
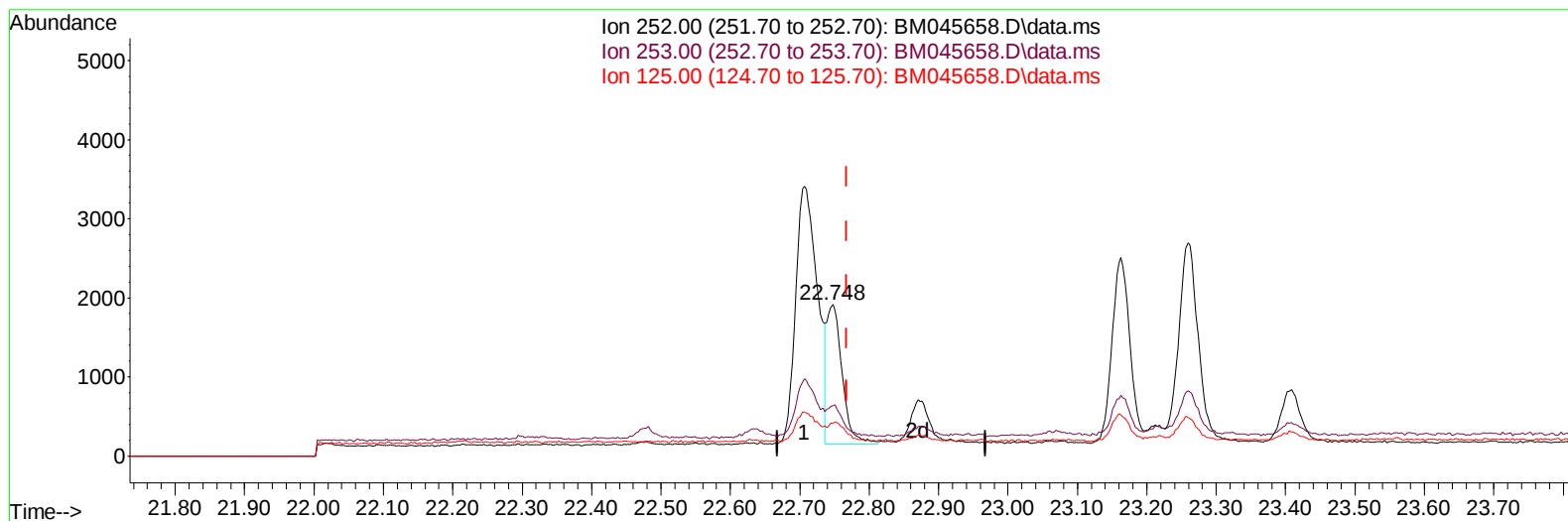
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Data File : BM045658.D
Acq On : 01 May 2024 12:34
Operator : MA/JU
Sample : P2105-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

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TIC: BM045658.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.021) 0.35 ng/u1 m

response 2703

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.39
125.00	18.50	21.80
0.00	0.00	0.00

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 Sample : P2105-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB4

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.530	152		586	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.297	136		1633	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.186	164		824	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188		1440m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.178	240		1222	0.400	ng/ul	-0.01
23) Perylene-d12	23.359	264		1837m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.146	96		1649	2.099	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.920	152		338	0.157	ng/ul	-0.01
18) Fluoranthene-d10	18.992	212		552	0.143	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.347	128		359	0.082	ng/ul#	75
7) 2-Methylnaphthalene	11.997	142		202	0.081	ng/ul	88
8) 1-Methylnaphthalene	12.211	142		208	0.074	ng/ul	95
10) Acenaphthylene	13.904	152		880	0.217	ng/ul#	90
11) Acenaphthene	14.251	153		61	0.020	ng/ul#	87
12) Fluorene	15.250	166		143	0.044	ng/ul#	82
15) Phenanthrene	16.988	178		2542	0.606	ng/ul	100
16) Anthracene	17.085	178		662	0.169	ng/ul#	79
19) Fluoranthene	19.024	202		6751	1.197	ng/ul#	91
20) Pyrene	19.387	202		6250	1.078	ng/ul	96
21) Benzo(a)anthracene	21.167	228		3549	0.909	ng/ul	99
22) Chrysene	21.213	228		3190	0.531	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252		7379	1.194	ng/ul	95
25) Benzo(k)fluoranthene	22.748	252		2703m	0.346	ng/ul	
26) Benzo(a)pyrene	23.259	252		4881	0.762	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.534	276		5479	0.588	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.541	278		1583	0.214	ng/ul#	87
29) Benzo(g,h,i)perylene	26.199	276		5708	0.682	ng/ul	97

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

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