

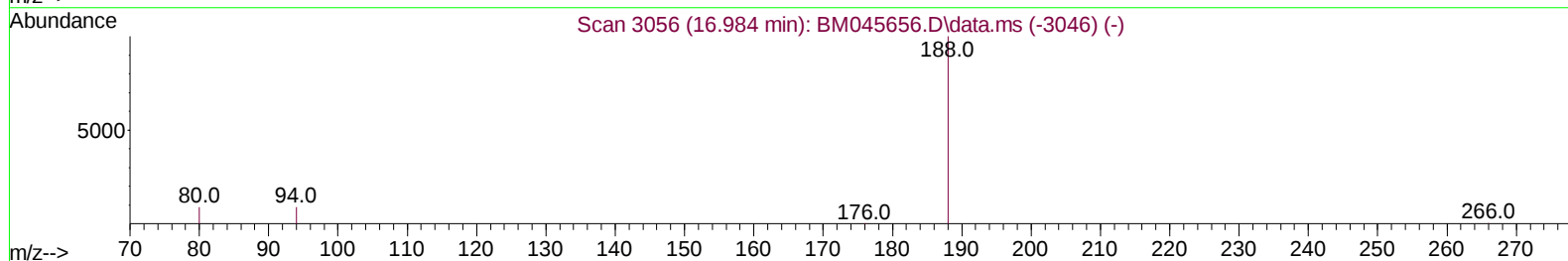
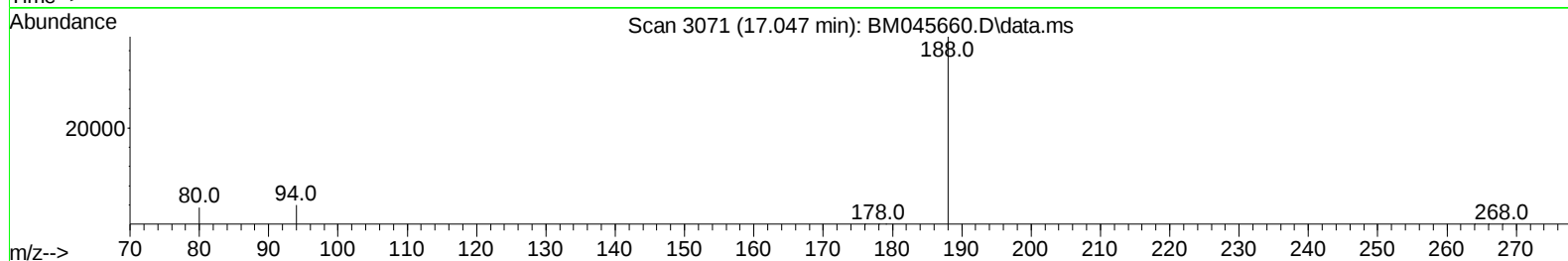
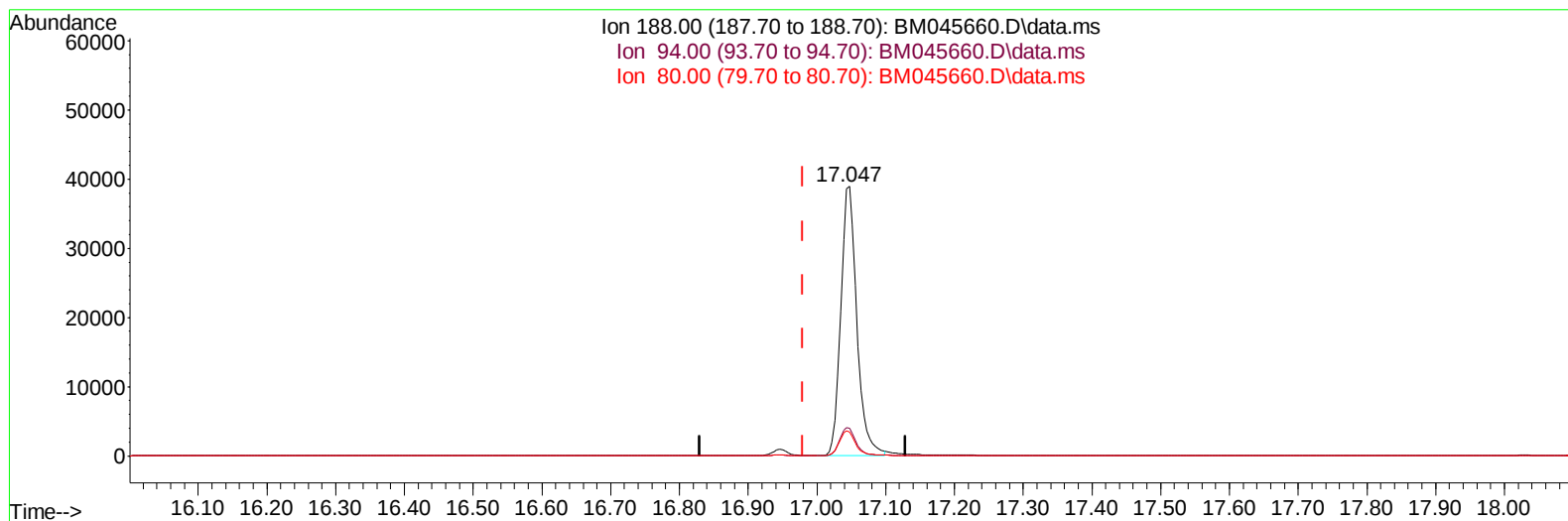
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1

Manual IntegrationsAPPROVED

Quant Time: May 01 14:17:38 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: BM045660.D\data.ms

(13) Phenanthrene-d10 (I)

17.047min (+ 0.068) 0.40 ng/u1

response 62944

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.21#
80.00	14.80	8.94#
0.00	0.00	0.00

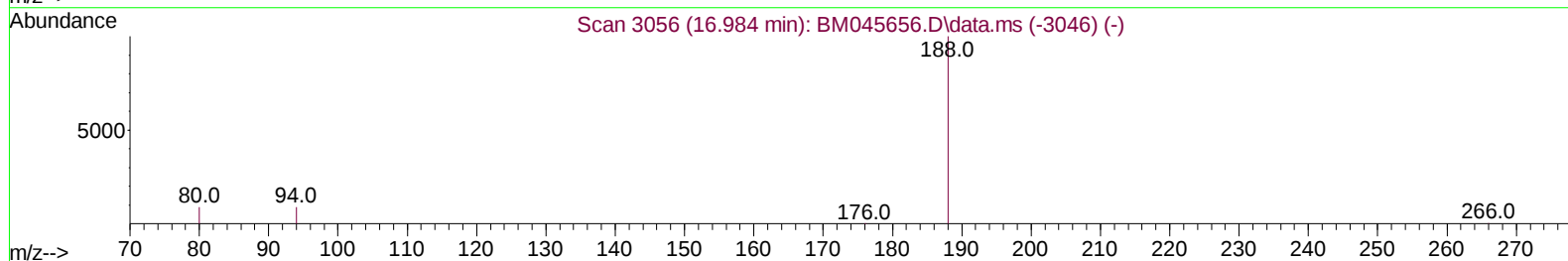
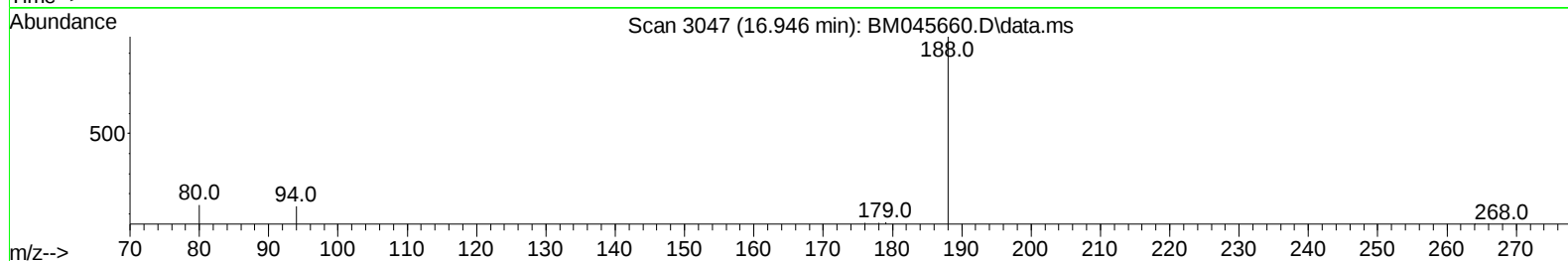
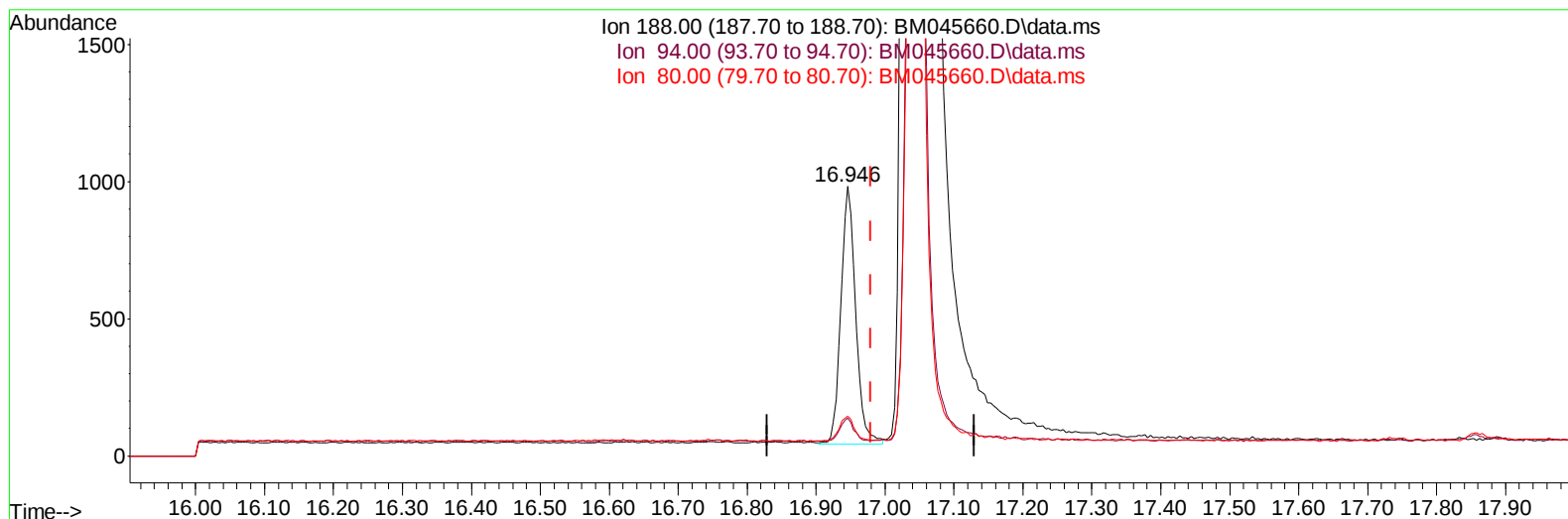
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
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TIC: BM045660.D\data.ms

(13) Phenanthrene-d10 (I)

16.946min (-0.034) 0.40 ng/ul m

response 1393

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	14.05
80.00	14.80	14.66
0.00	0.00	0.00

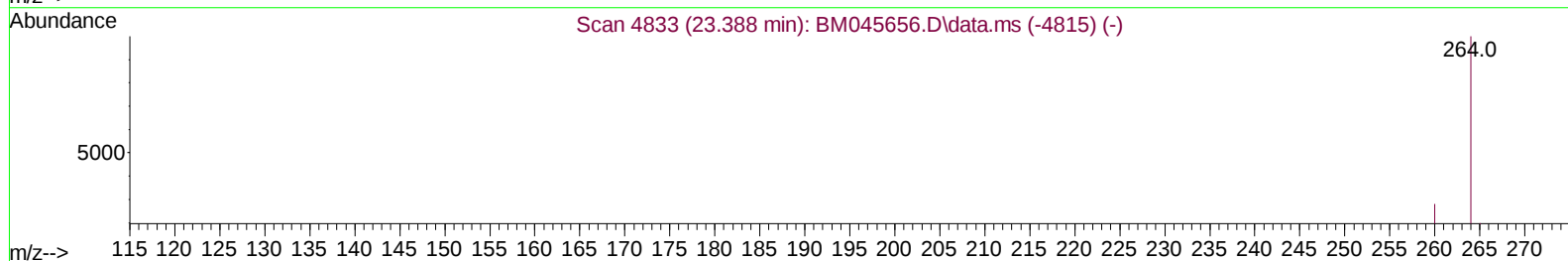
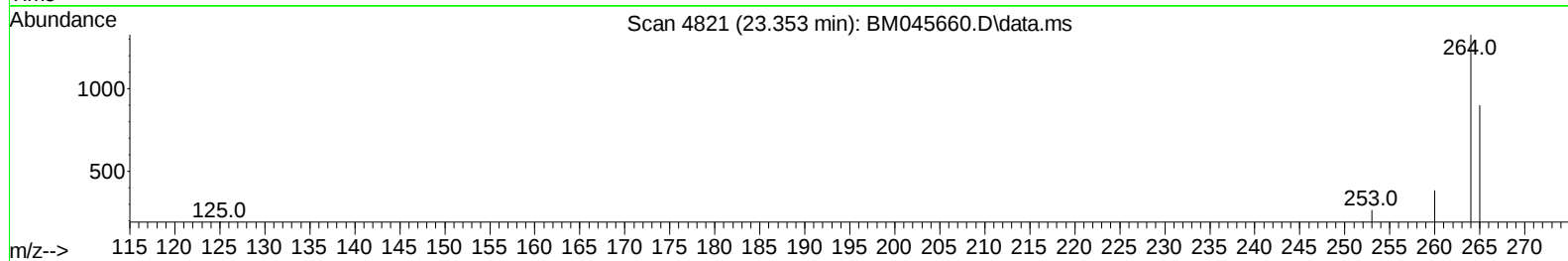
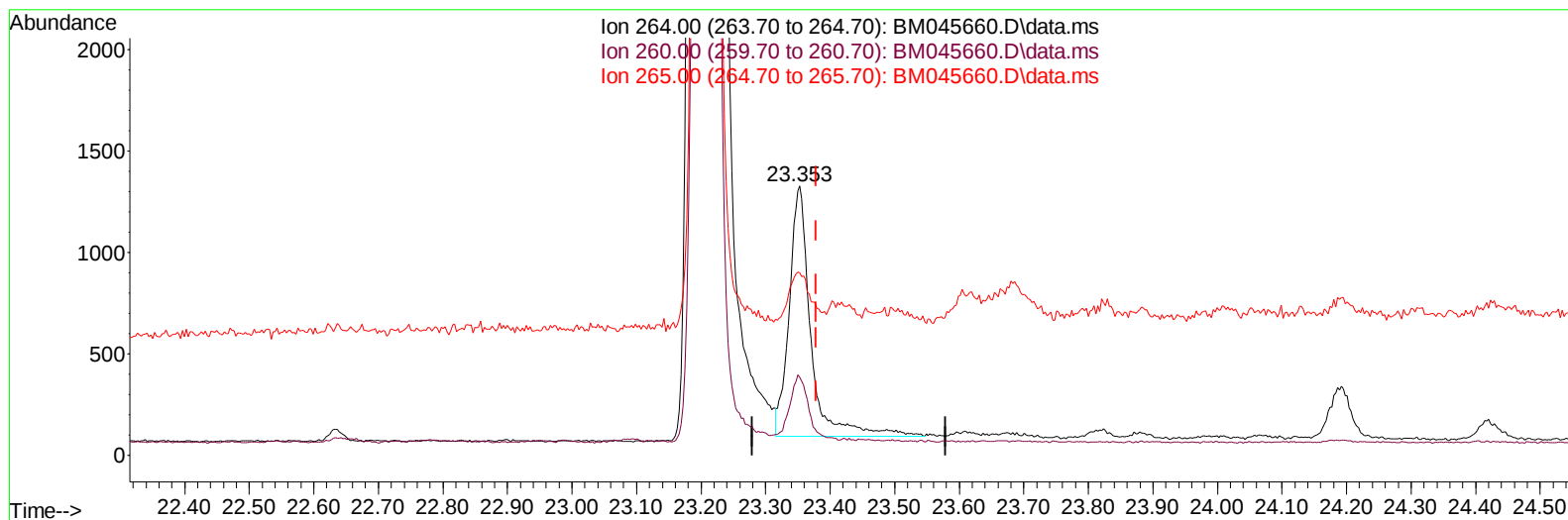
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1

Manual IntegrationsAPPROVED

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TIC: BM045660.D\data.ms

(23) Perylene-d12 (I)

23.353min (-0.026) 0.40 ng/u1

response 2857

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.94
265.00	86.70	67.90#
0.00	0.00	0.00

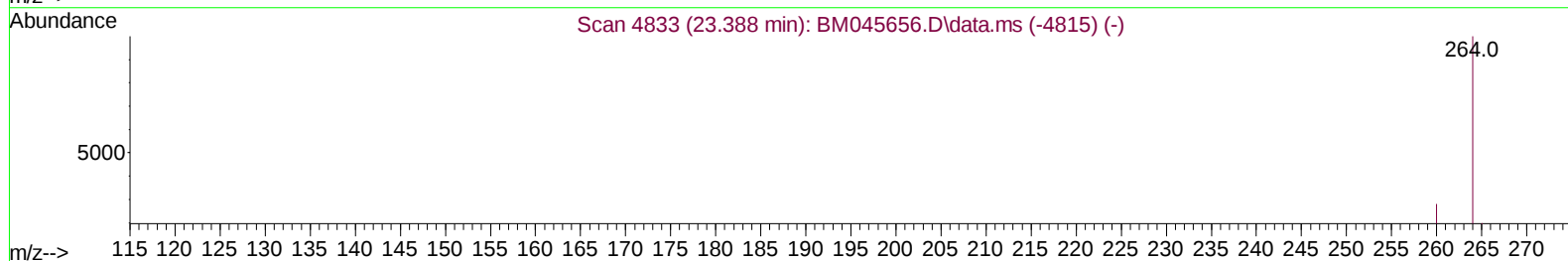
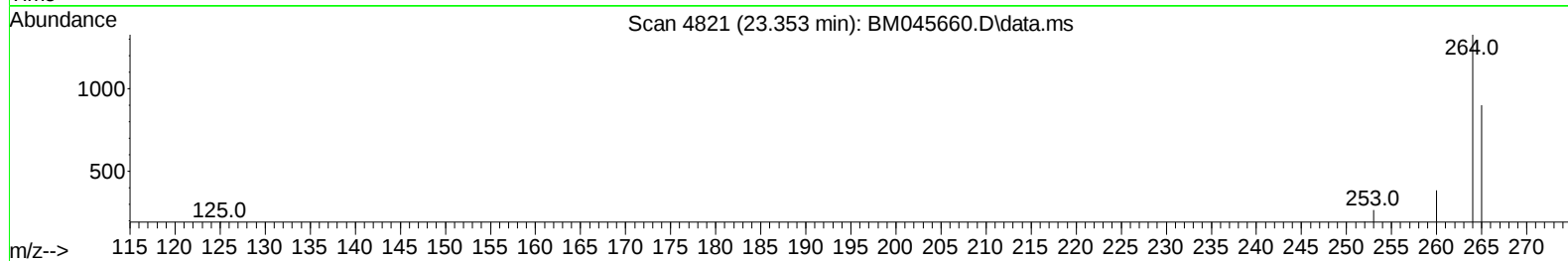
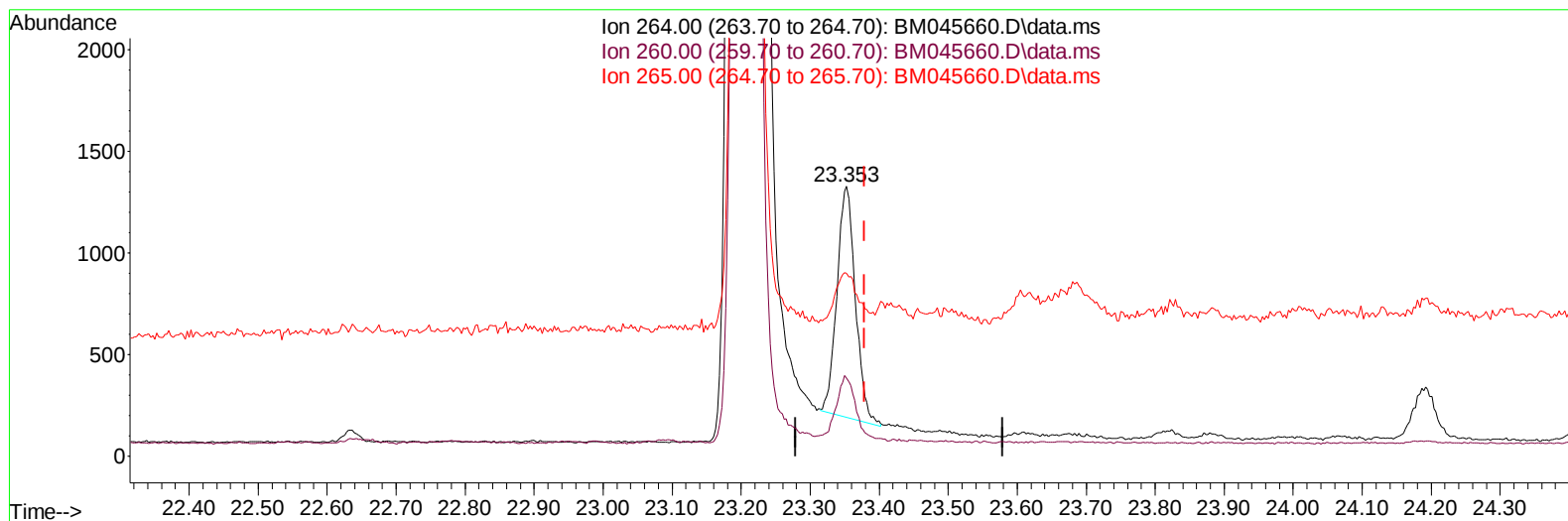
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
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Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045660.D\data.ms

(23) Perylene-d12 (I)

23.353min (-0.026) 0.40 ng/u1 m

response 2097

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.94
265.00	86.70	67.90#
0.00	0.00	0.00

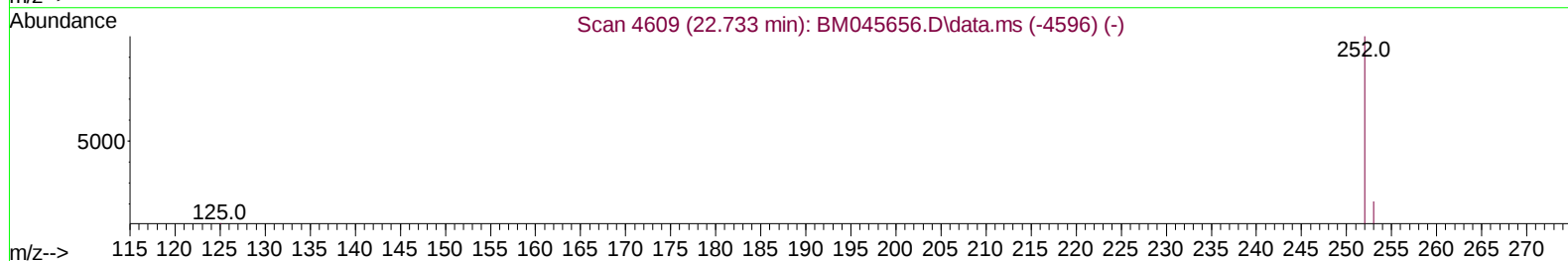
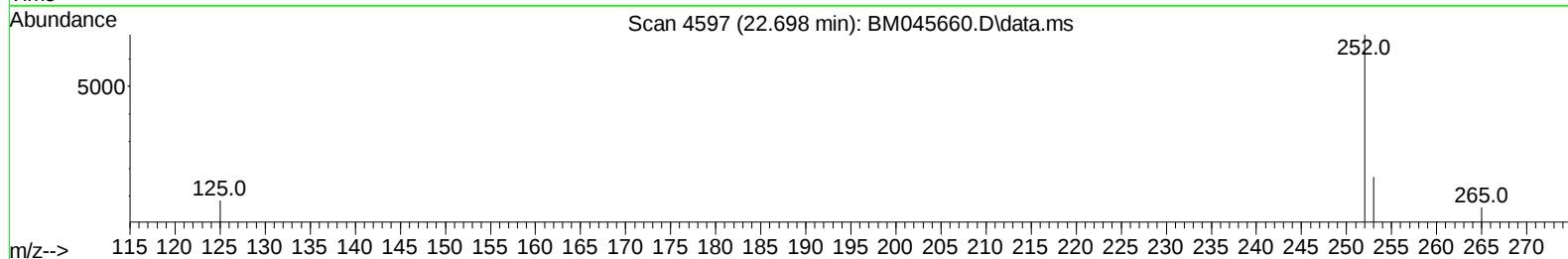
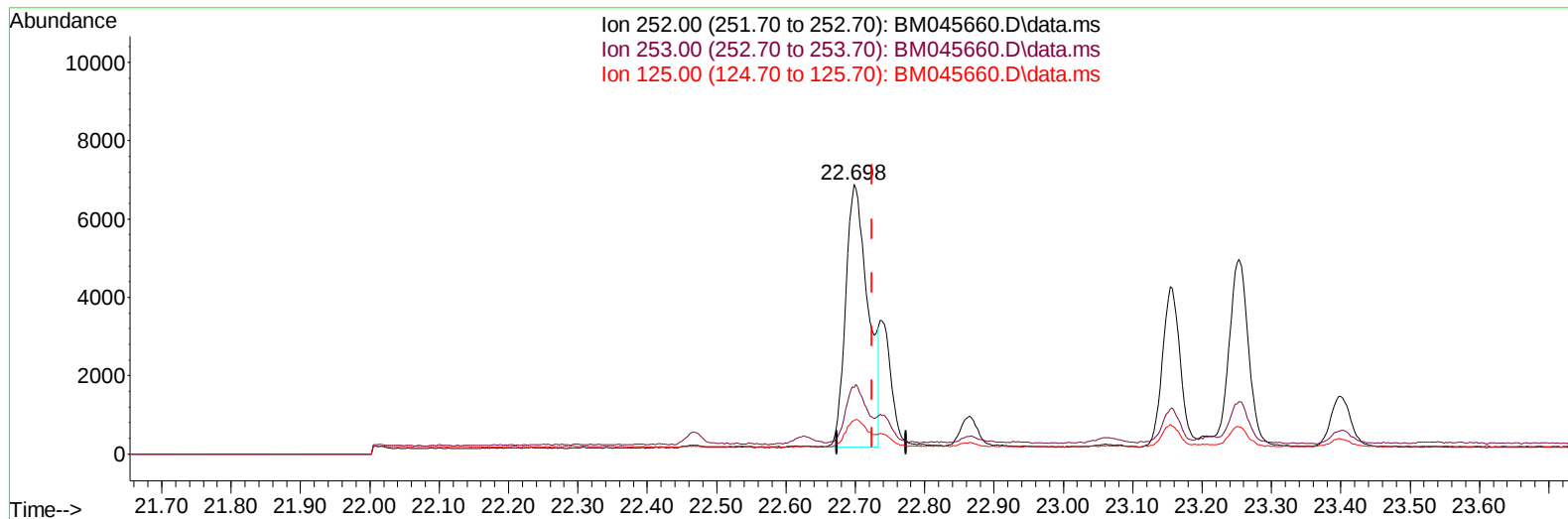
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045660.D\data.ms

(24) Benzo(b)fluoranthene

22.698min (-0.026) 2.14 ng/u1

response 15096

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.66
125.00	18.40	12.39
0.00	0.00	0.00

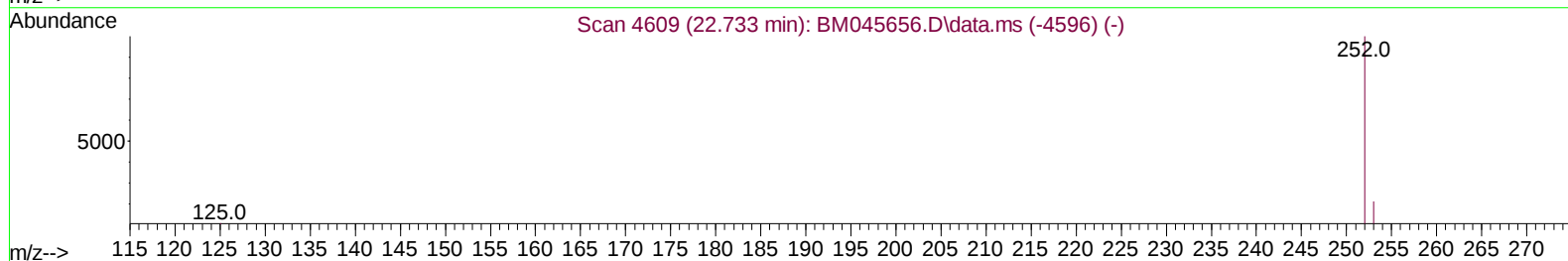
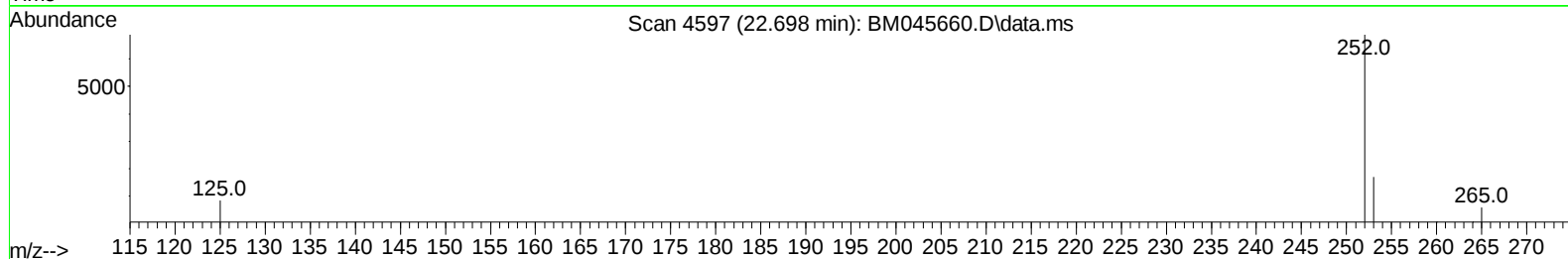
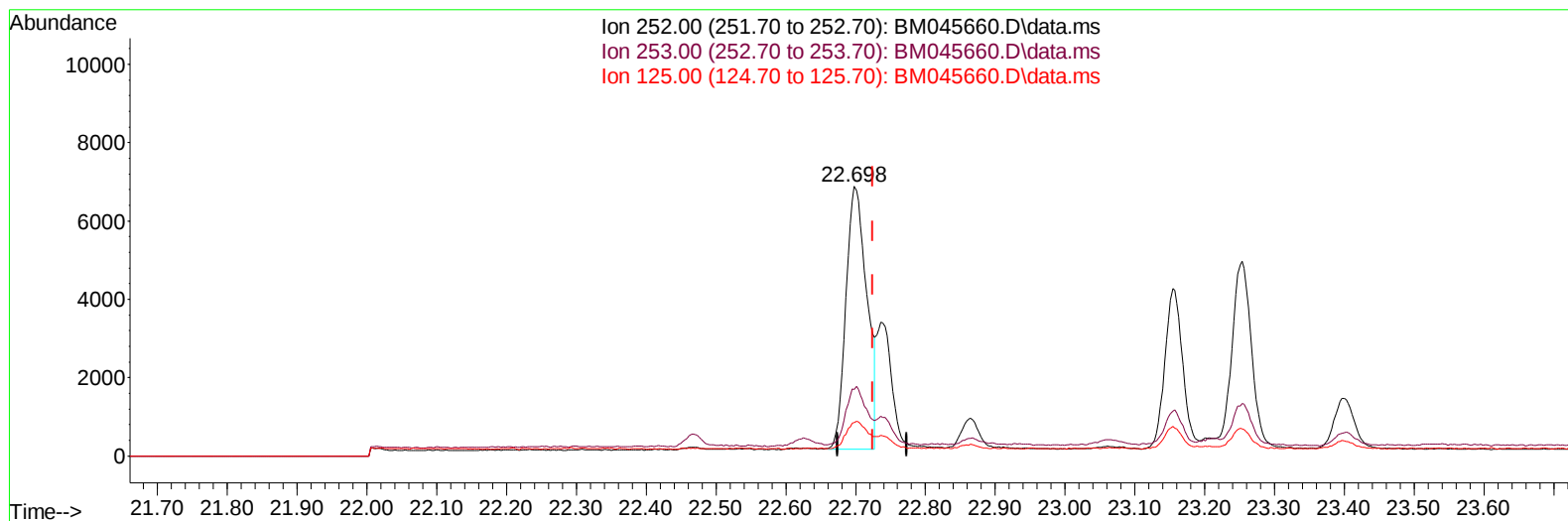
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1

Manual IntegrationsAPPROVED

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

Quant Time: May 01 14:17:38 2024
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TIC: BM045660.D\data.ms

(24) Benzo(b)fluoranthene

22.698min (-0.026) 1.99 ng/u1 m

response 14010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.66
125.00	18.40	12.39
0.00	0.00	0.00

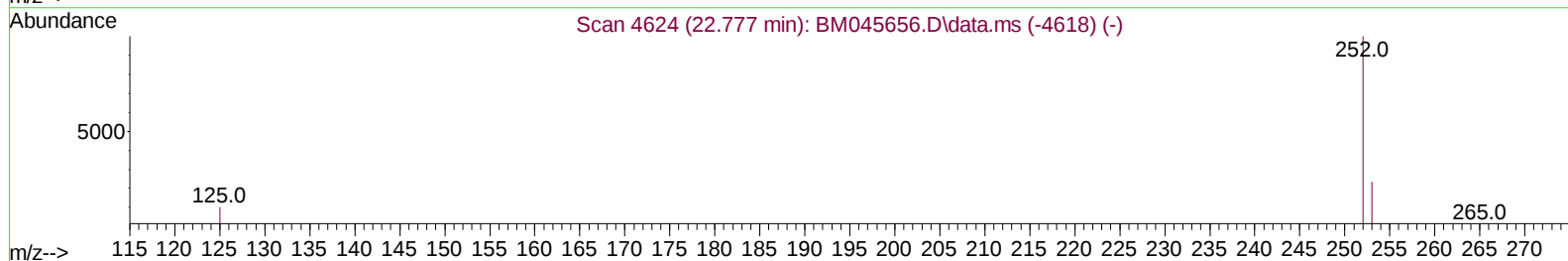
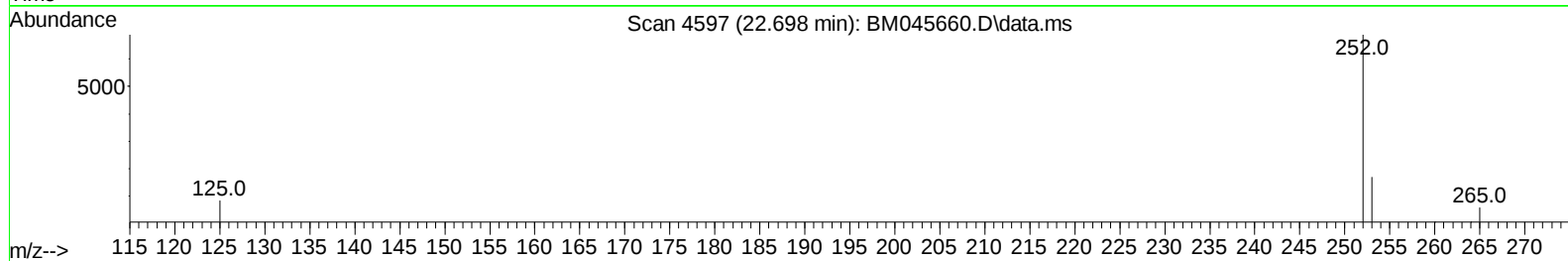
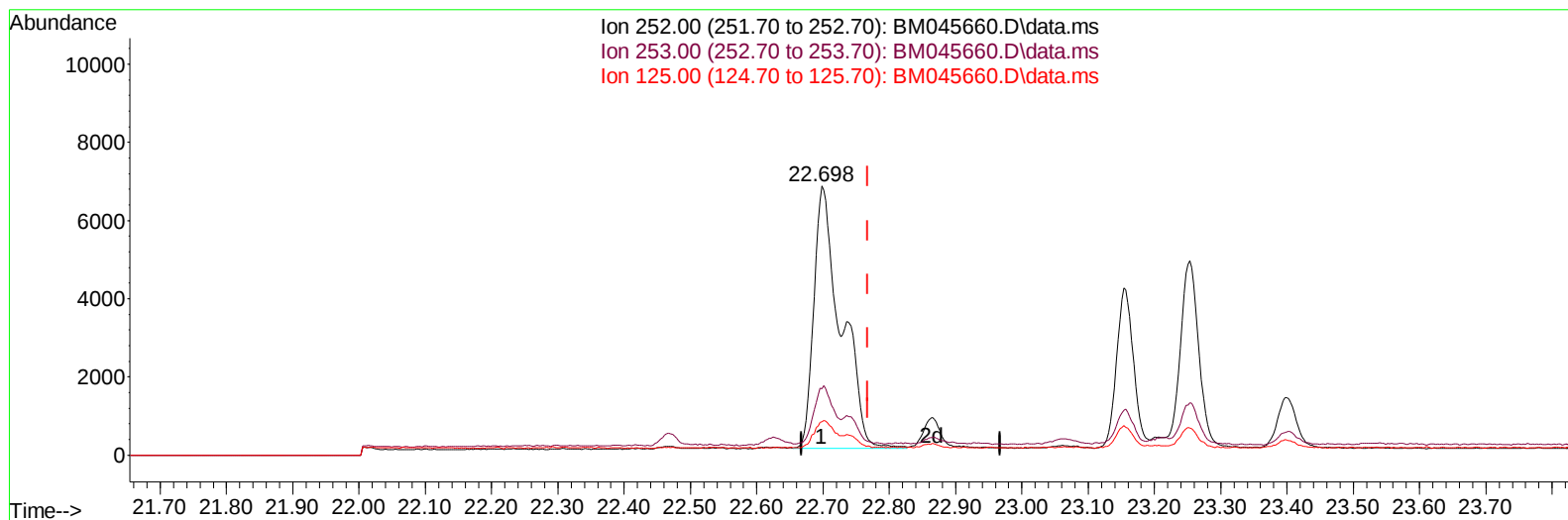
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1

Manual IntegrationsAPPROVED

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TIC: BM045660.D\data.ms

(25) Benzo(k)fluoranthene

22.698min (-0.070) 2.14 ng/u1

response 19072

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.66#
125.00	18.50	12.39#
0.00	0.00	0.00

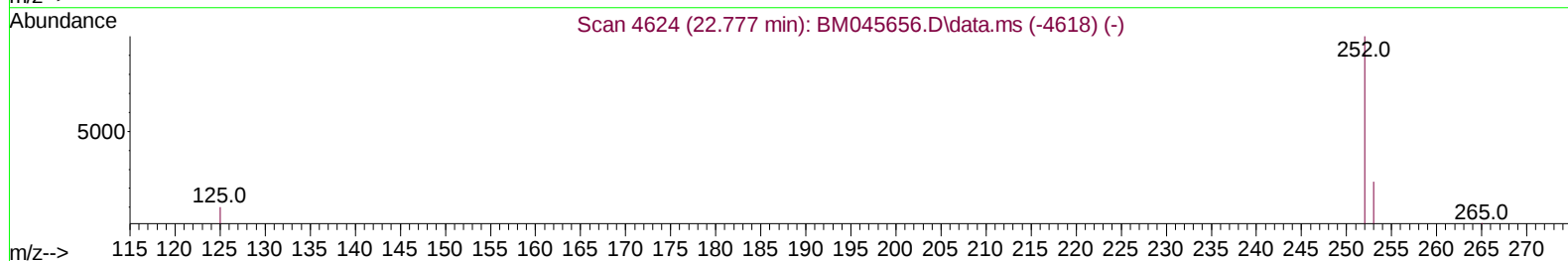
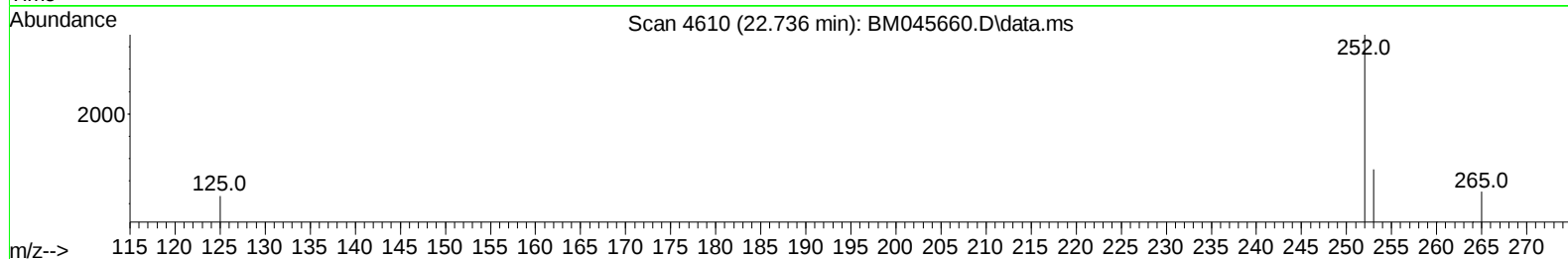
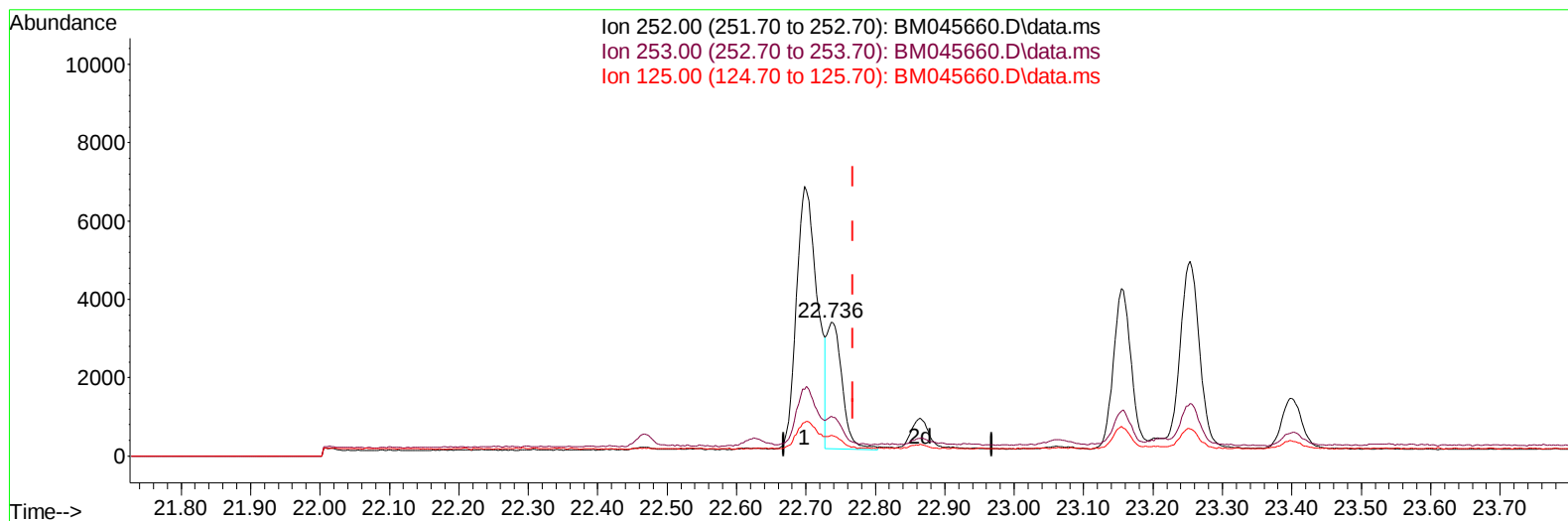
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045660.D
Acq On : 01 May 2024 13:47
Operator : MA/JU
Sample : P2119-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF1

Manual IntegrationsAPPROVED

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Quant Time: May 01 14:17:38 2024
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TIC: BM045660.D\data.ms

(25) Benzo(k)fluoranthene

22.736min (-0.032) 0.56 ng/u1 m

response 4983

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	29.63
125.00	18.50	15.68
0.00	0.00	0.00

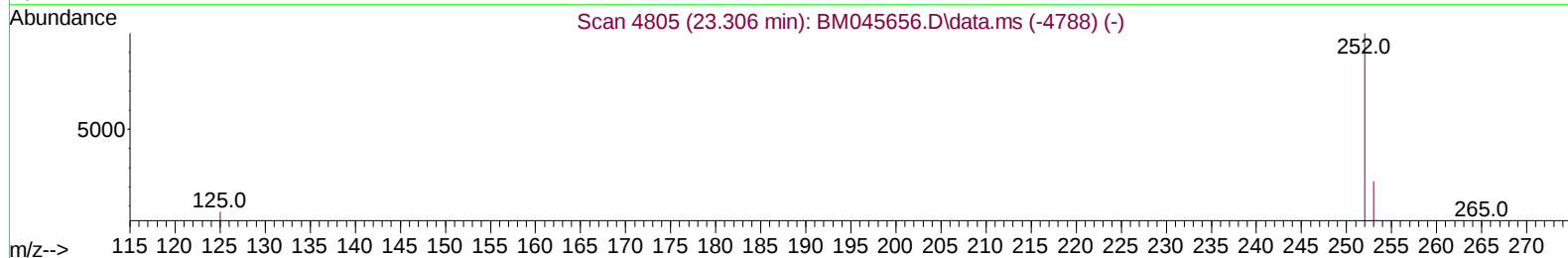
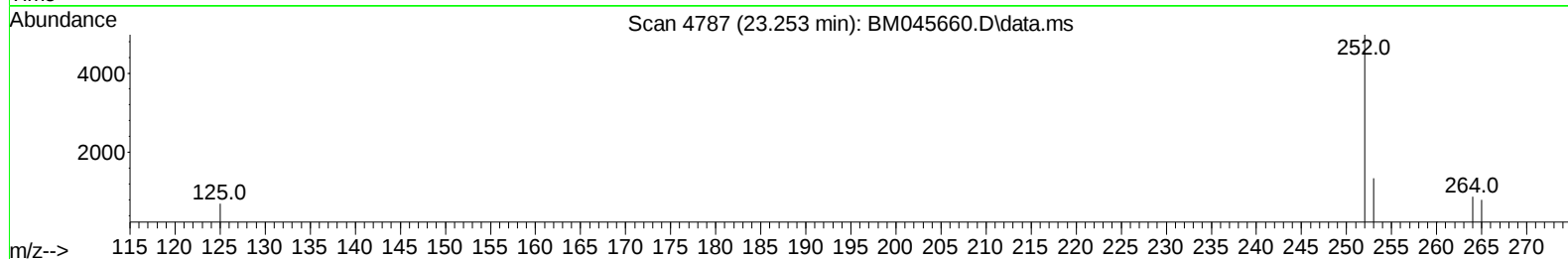
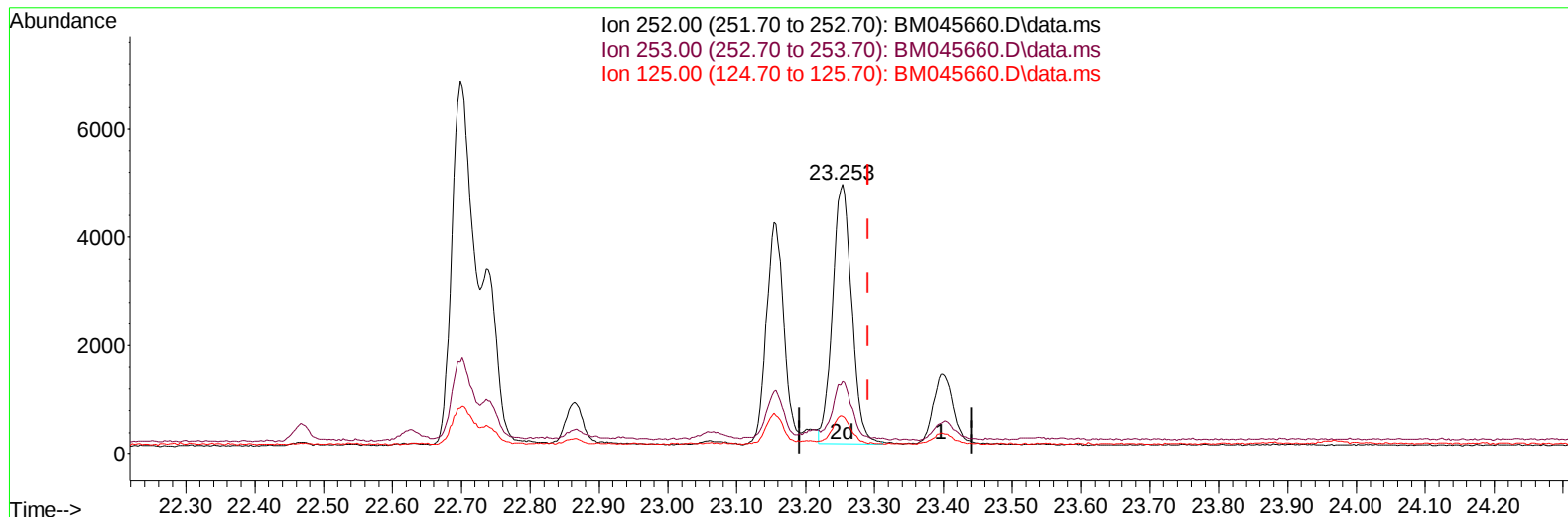
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045660.D\data.ms

(26) Benzo(a)pyrene (C)

23.253min (-0.038) 1.27 ng/u1 m

response 9272

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	27.11#
125.00	24.40	14.02#
0.00	0.00	0.00

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 Acq On : 01 May 2024 13:47
 Operator : MA/JU
 Sample : P2119-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.534	152		556	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.292	136		1391	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.182	164		680	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.946	188		1393m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240		1416	0.400	ng/ul	-0.02
23) Perylene-d12	23.353	264		2097m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.150	96		2476	3.322	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.920	152		347	0.189	ng/ul	-0.01
18) Fluoranthene-d10	18.992	212		751	0.168	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.347	128		239	0.064	ng/ul#	55
7) 2-Methylnaphthalene	11.997	142		171	0.080	ng/ul	97
8) 1-Methylnaphthalene	12.211	142		145	0.061	ng/ul	94
10) Acenaphthylene	13.904	152		486	0.145	ng/ul#	78
11) Acenaphthene	14.247	153		244	0.098	ng/ul	93
12) Fluorene	15.250	166		306	0.115	ng/ul#	84
15) Phenanthrene	16.988	178		6269	1.545	ng/ul	95
16) Anthracene	17.081	178		822	0.217	ng/ul#	83
19) Fluoranthene	19.020	202		15183	2.323	ng/ul#	91
20) Pyrene	19.387	202		13691	2.038	ng/ul#	92
21) Benzo(a)anthracene	21.155	228		6687	1.477	ng/ul	96
22) Chrysene	21.208	228		7477	1.074	ng/ul	98
24) Benzo(b)fluoranthene	22.698	252		14010m	1.986	ng/ul	
25) Benzo(k)fluoranthene	22.736	252		4983m	0.559	ng/ul	
26) Benzo(a)pyrene	23.253	252		9272m	1.267	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.525	276		8836	0.831	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.531	278		1880	0.223	ng/ul	95
29) Benzo(g,h,i)perylene	26.189	276		9514	0.996	ng/ul	93

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

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