

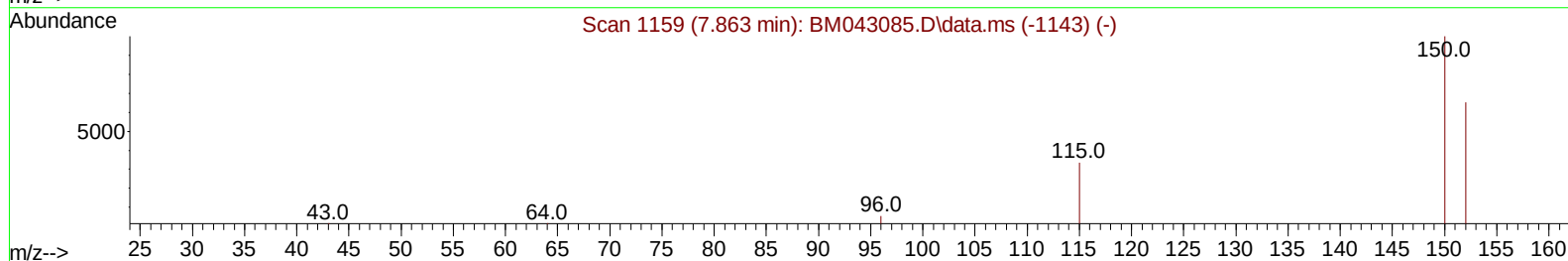
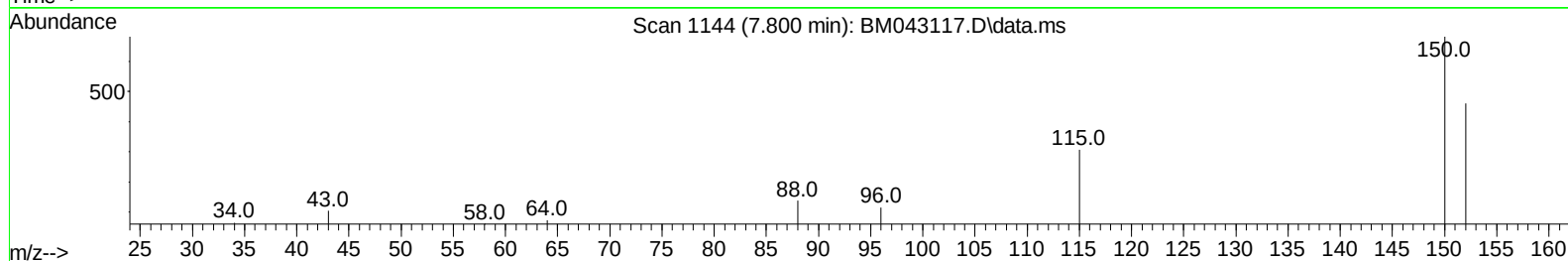
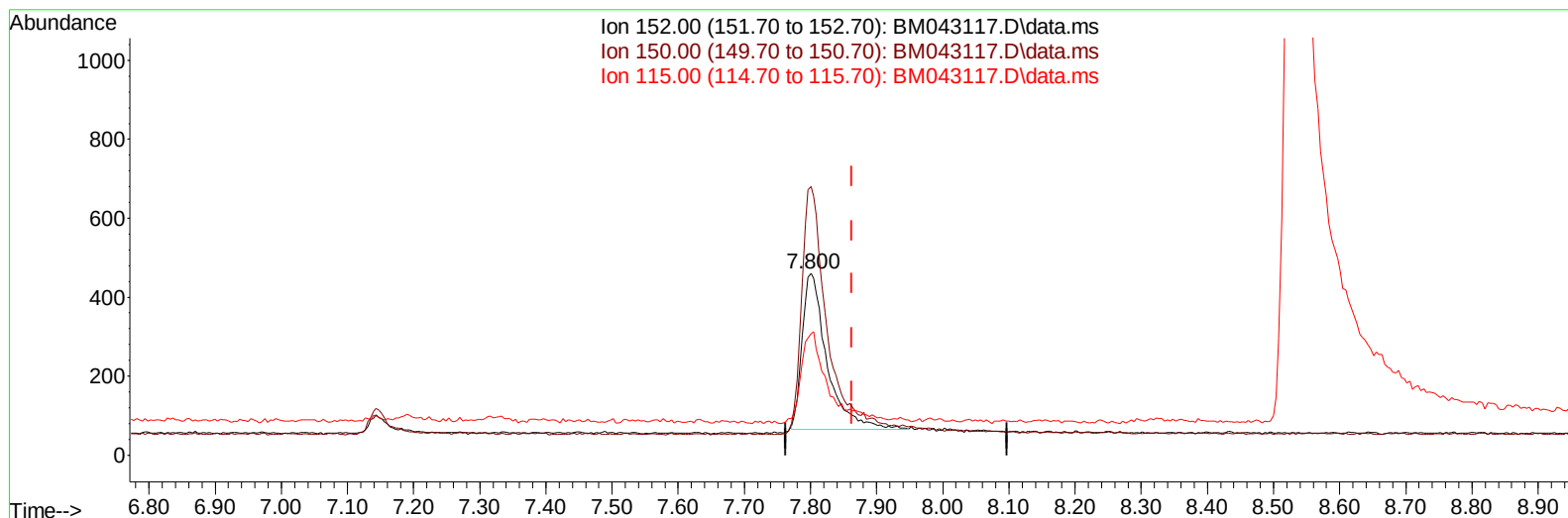
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043117.D
Acq On : 01 Dec 2023 11:11
Operator : MA/JU
Sample : 05459-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual IntegrationsAPPROVED

Quant Time: Dec 01 23:18:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043117.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.800min (-0.063) 0.40 ng/ul

response 1035

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.72
115.00	89.60	66.81#
0.00	0.00	0.00

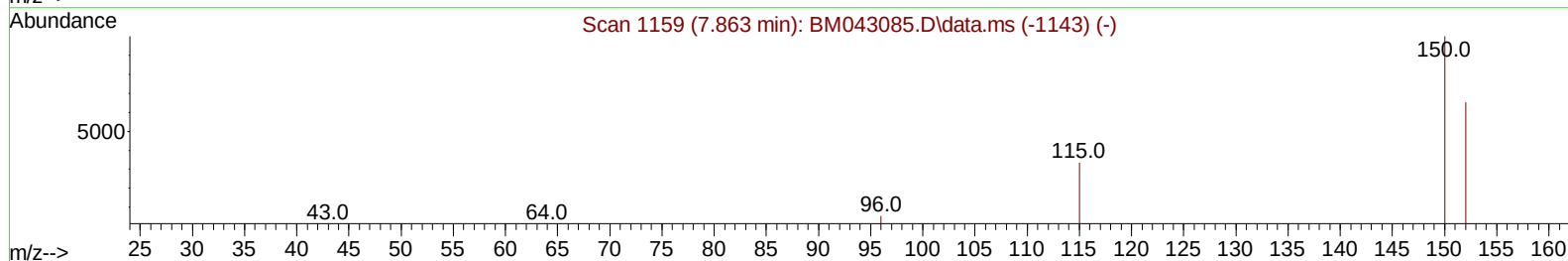
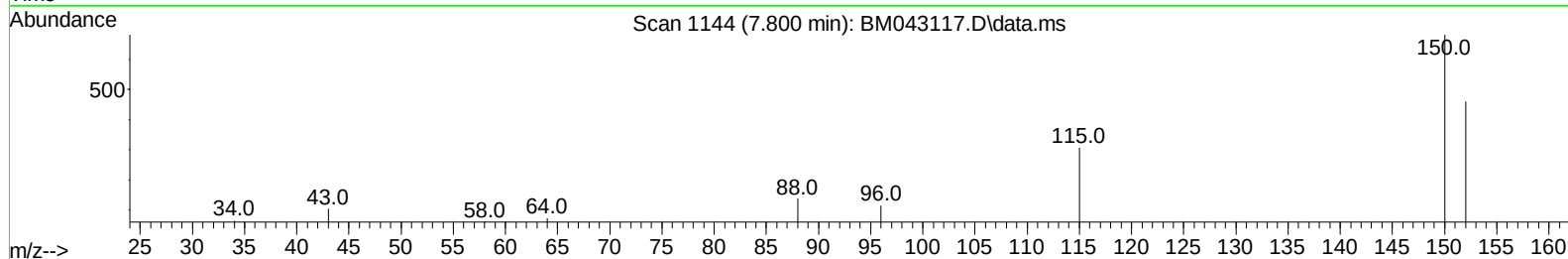
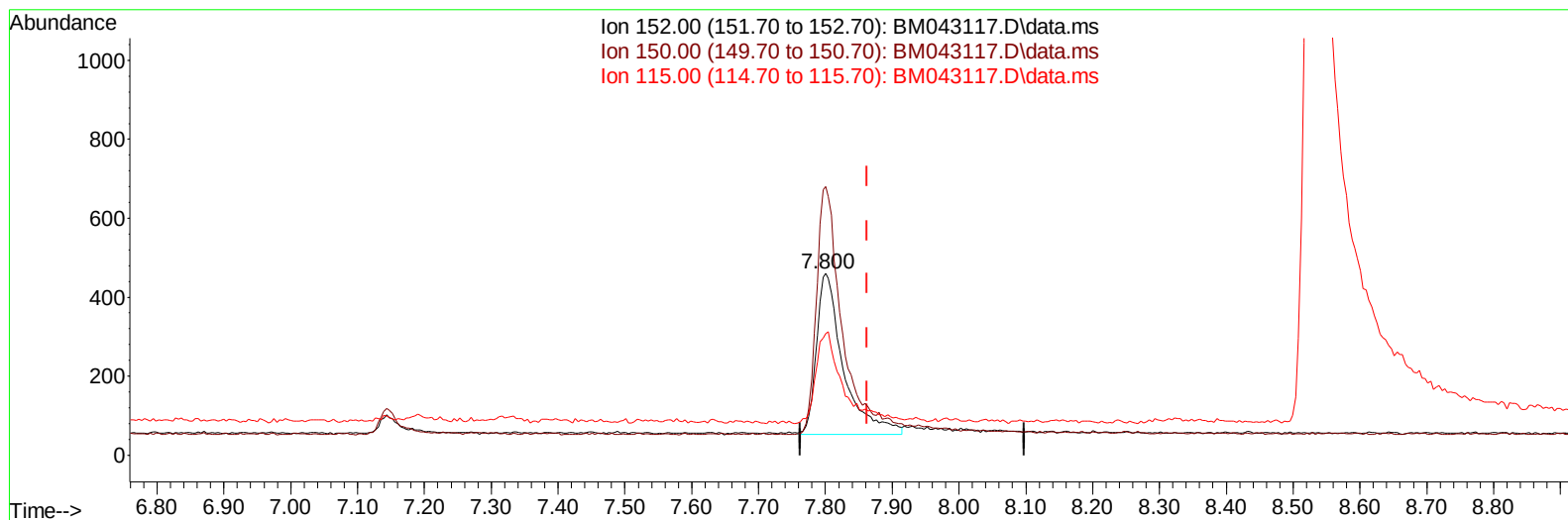
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043117.D
 Acq On : 01 Dec 2023 11:11
 Operator : MA/JU
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 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043117.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.800min (-0.063) 0.40 ng/ul m

response 1137

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.72
115.00	89.60	66.81#
0.00	0.00	0.00

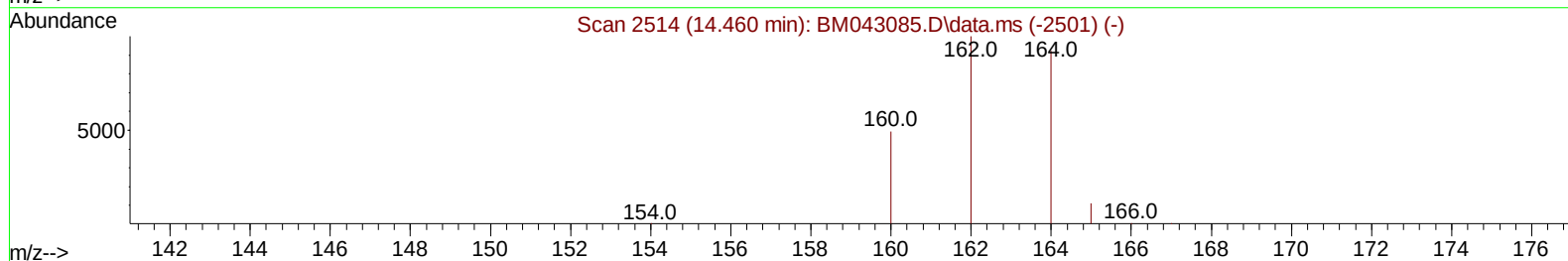
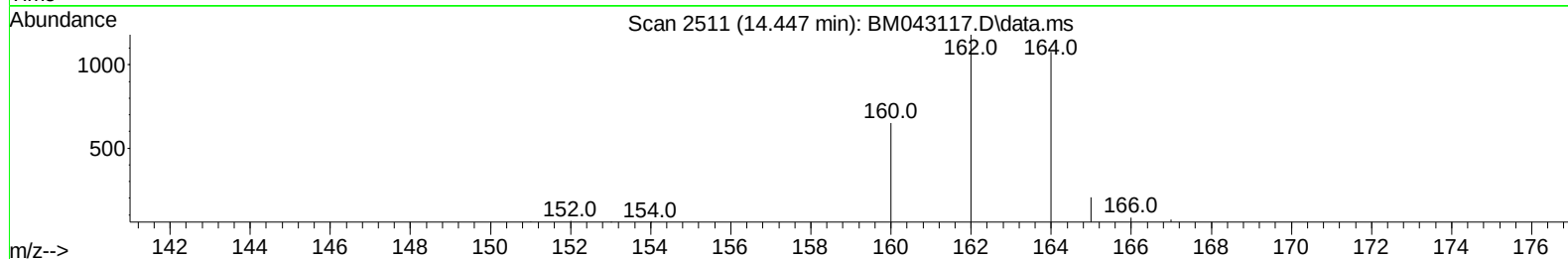
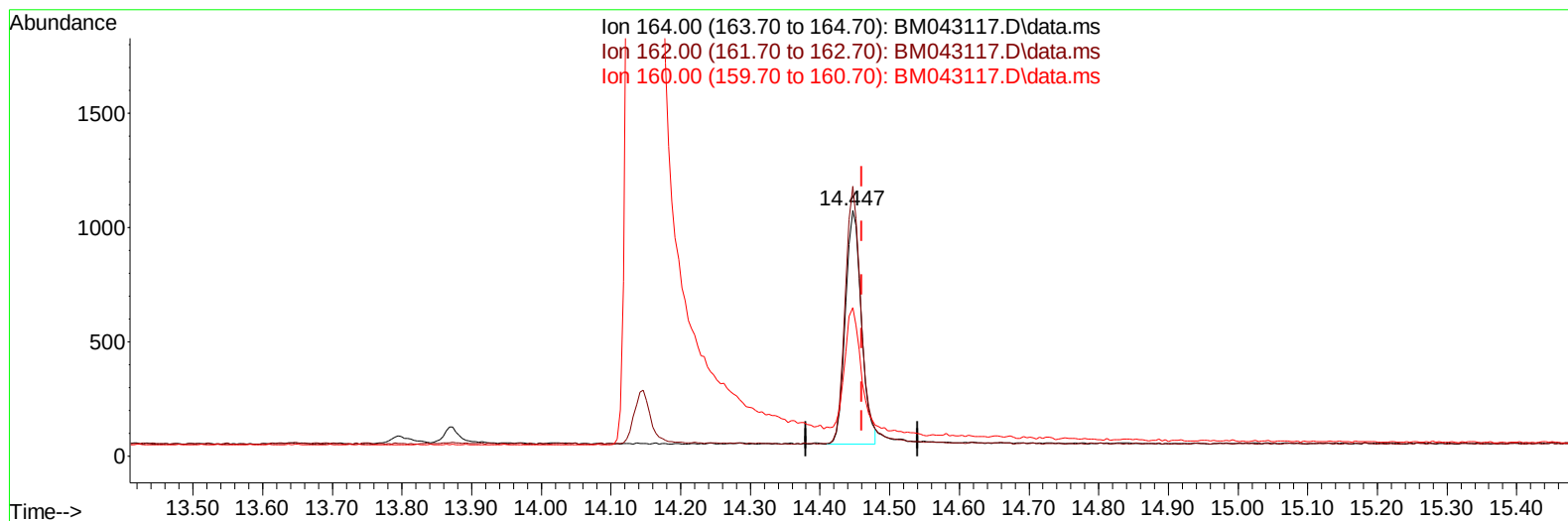
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TIC: BM043117.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.014) 0.40 ng/u1

response 1603

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.67
160.00	57.20	60.50
0.00	0.00	0.00

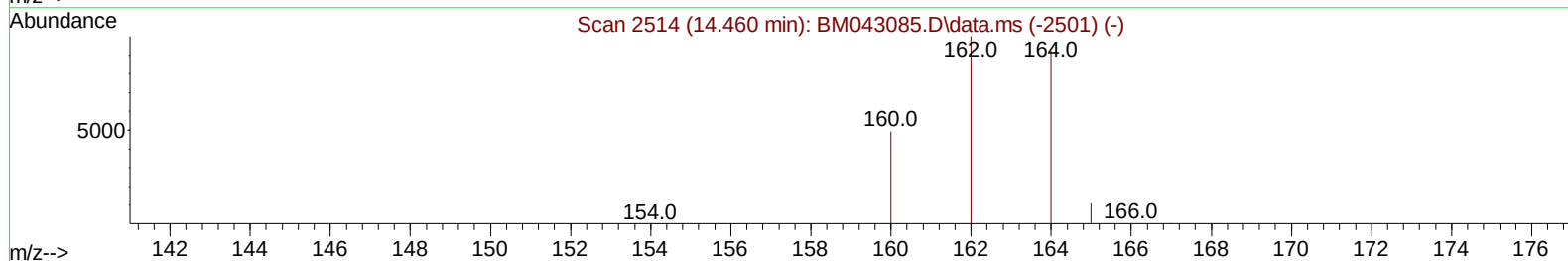
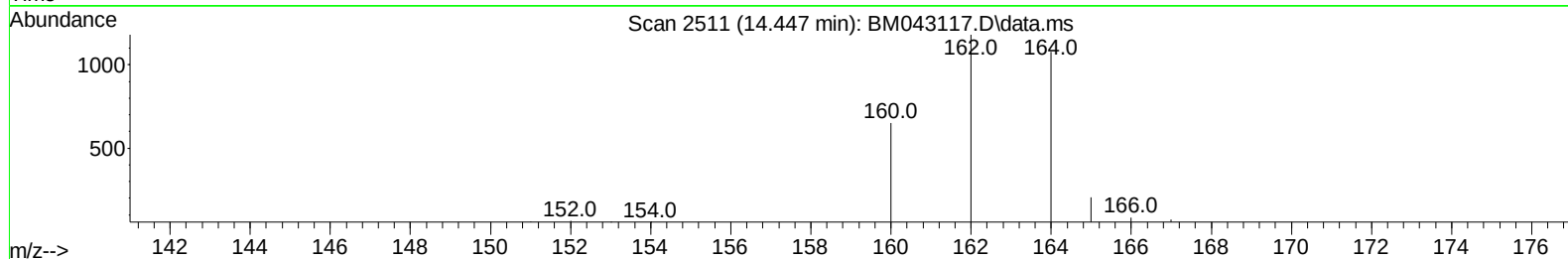
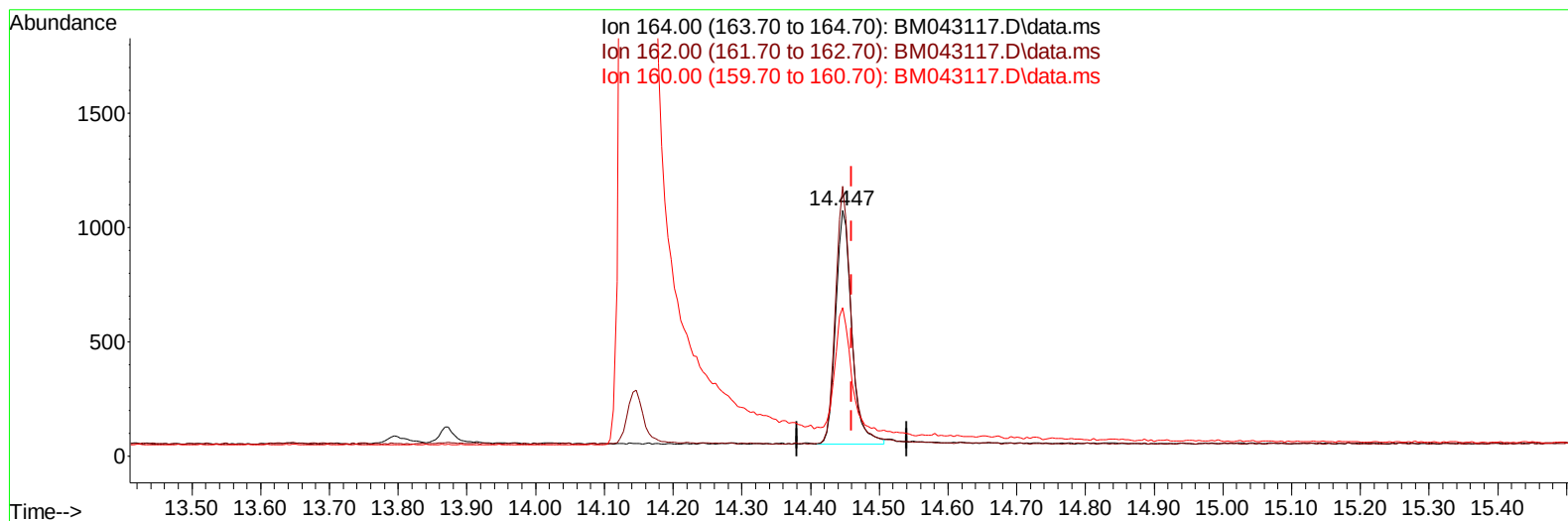
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043117.D
Acq On : 01 Dec 2023 11:11
Operator : MA/JU
Sample : 05459-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual IntegrationsAPPROVED

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TIC: BM043117.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.014) 0.40 ng/ul m

response 1666

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.67
160.00	57.20	60.50
0.00	0.00	0.00

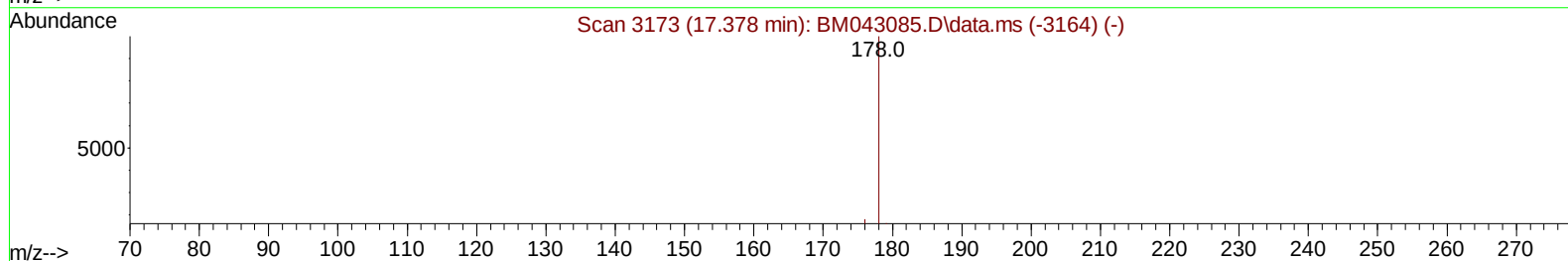
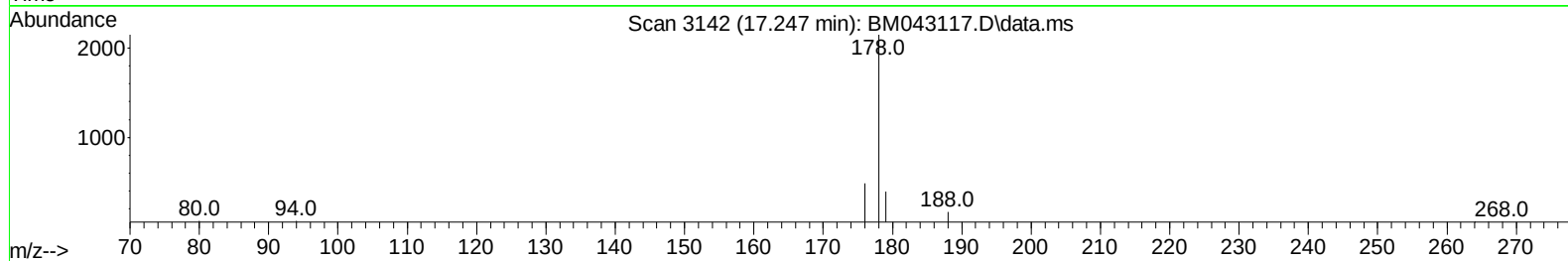
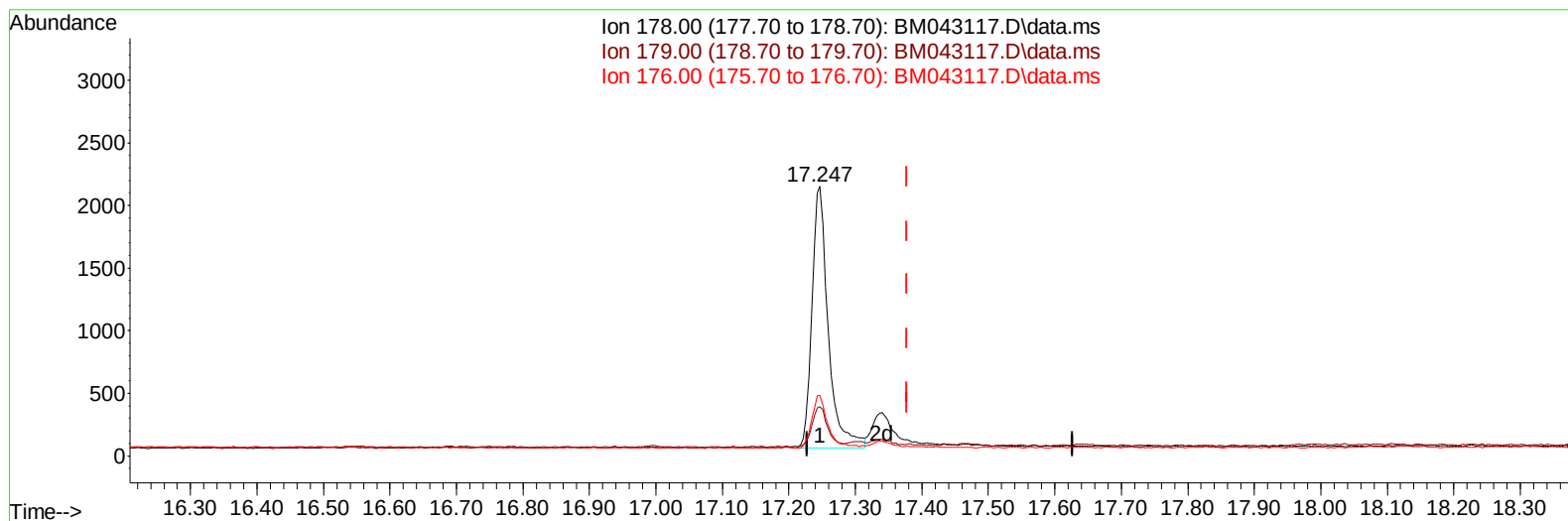
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 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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TIC: BM043117.D\data.ms

(16) Anthracene

17.247min (-0.131) 0.40 ng/u1

response 3535

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.36
176.00	25.60	22.45
0.00	0.00	0.00

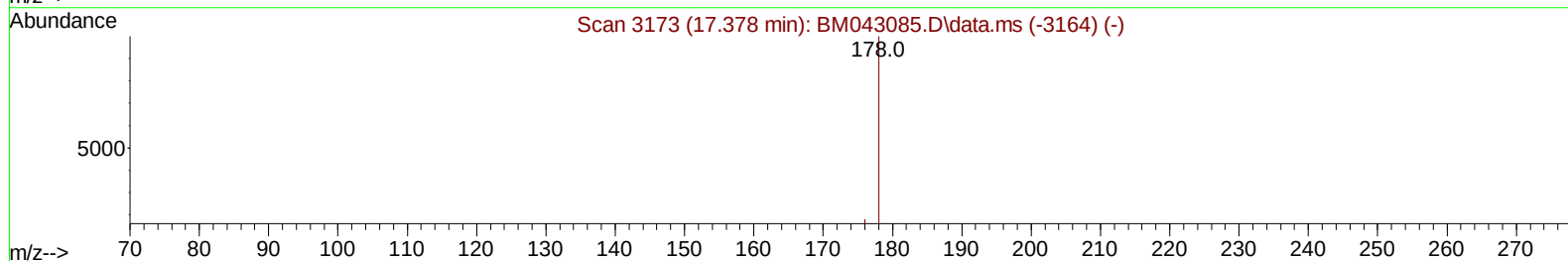
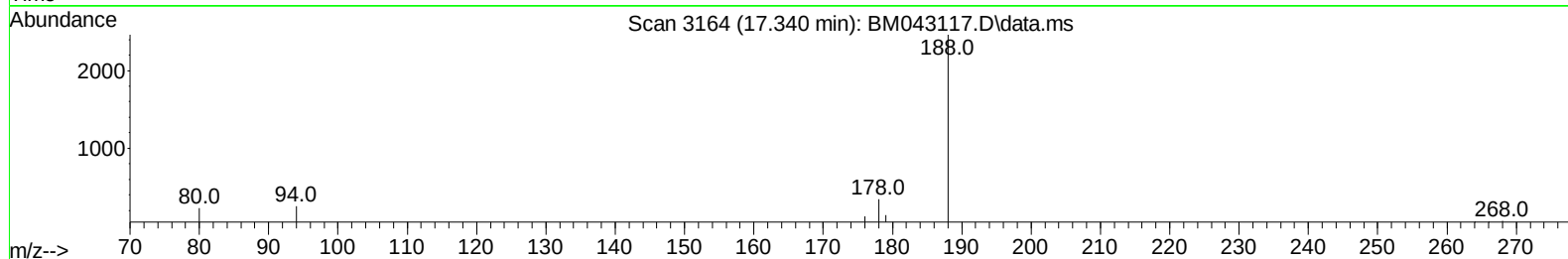
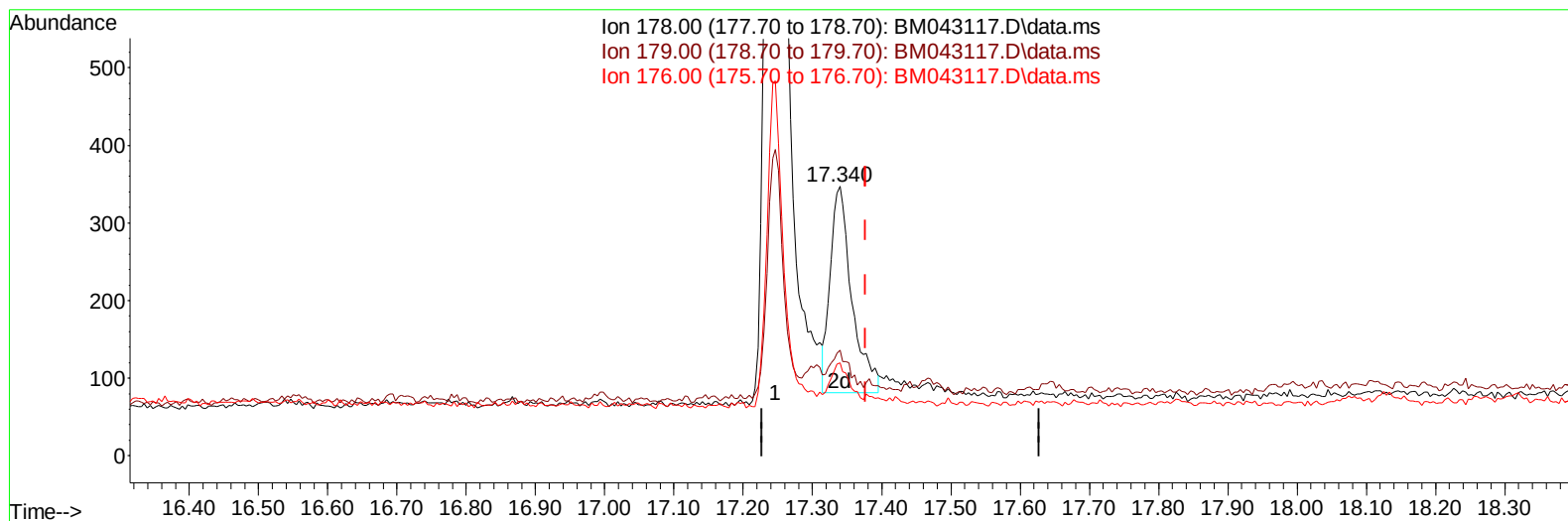
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043117.D
 Acq On : 01 Dec 2023 11:11
 Operator : MA/JU
 Sample : 05459-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Manual IntegrationsAPPROVED

Quant Time: Dec 01 23:18:34 2023
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 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043117.D\data.ms

(16) Anthracene

17.340min (-0.038) 0.07 ng/ul m

response 576

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	39.19#
176.00	25.60	34.58#
0.00	0.00	0.00

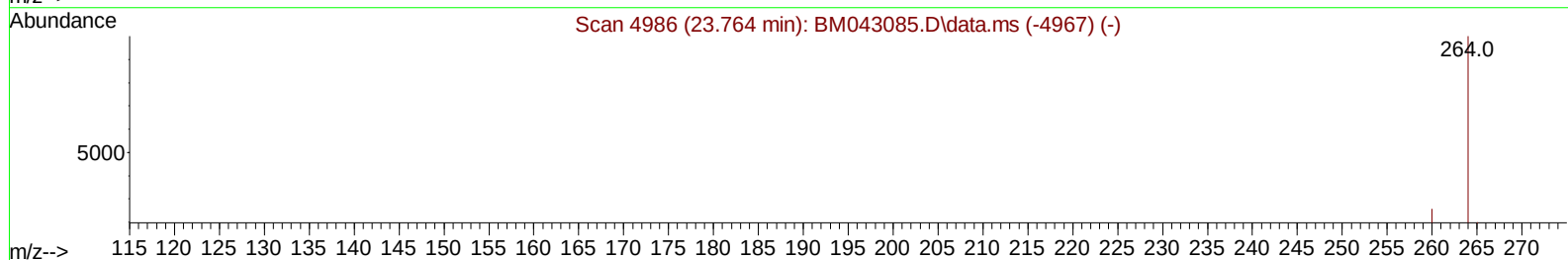
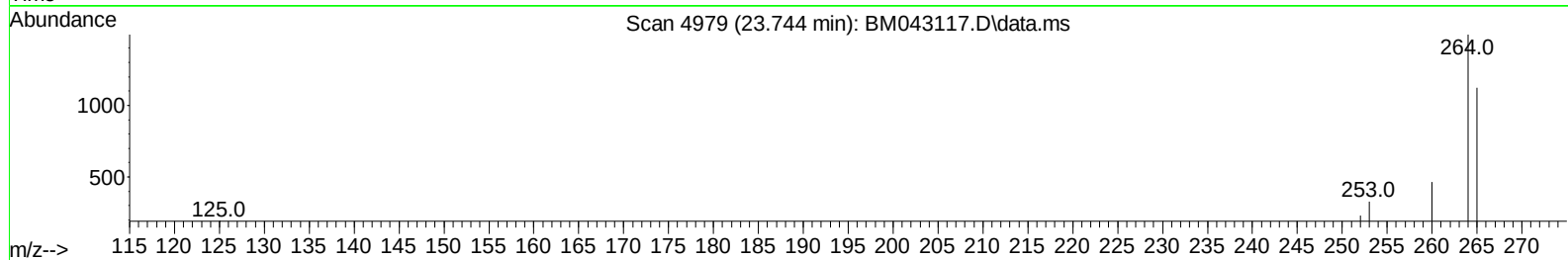
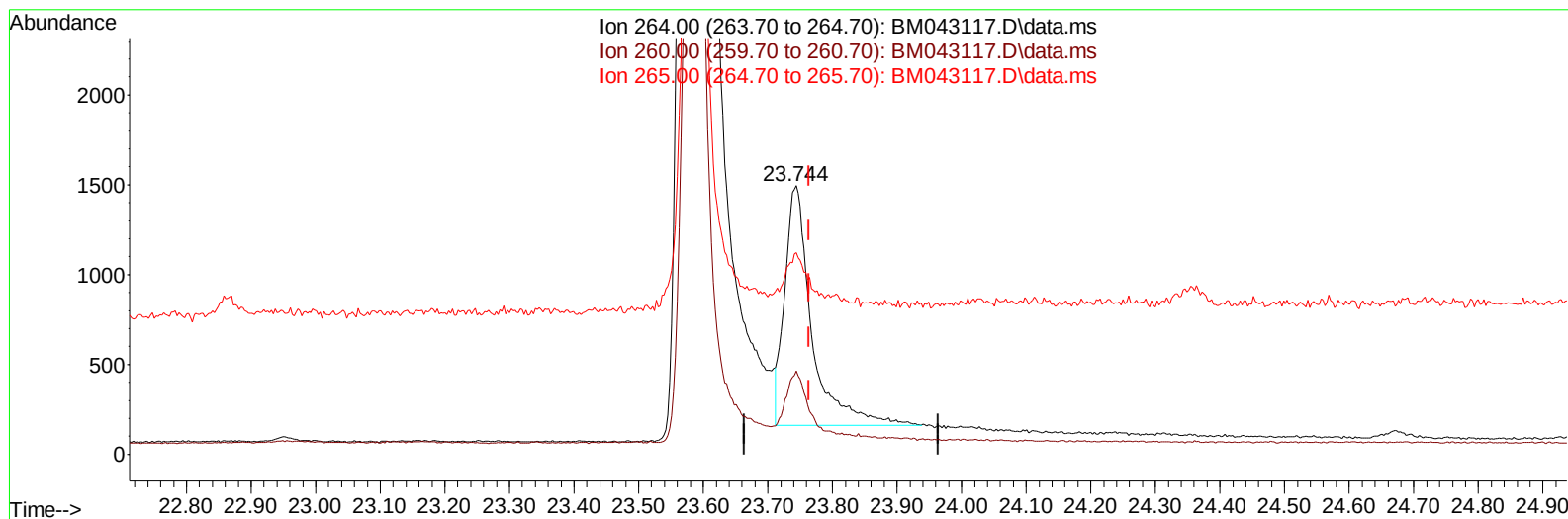
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043117.D
 Acq On : 01 Dec 2023 11:11
 Operator : MA/JU
 Sample : 05459-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Manual IntegrationsAPPROVED

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TIC: BM043117.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/u1

response 3877

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	31.12
265.00	120.30	75.10#
0.00	0.00	0.00

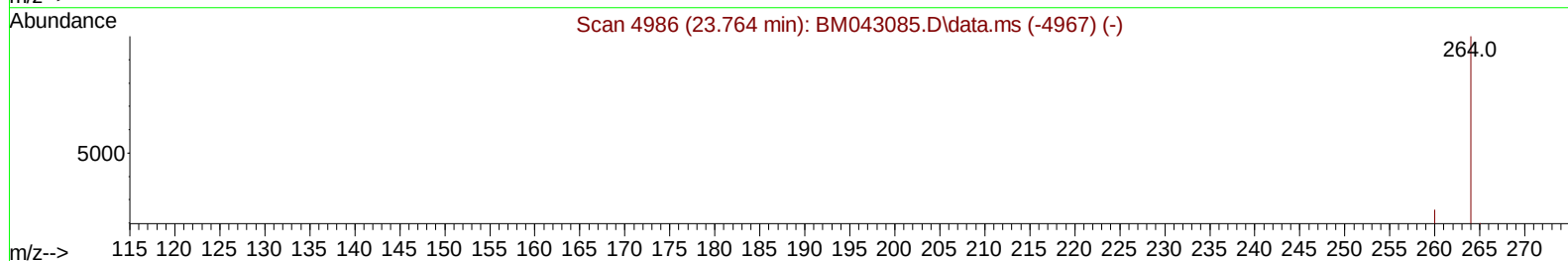
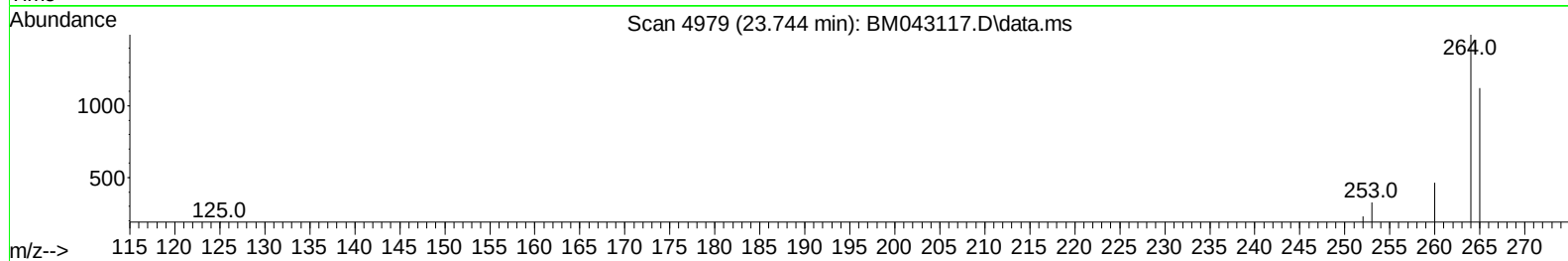
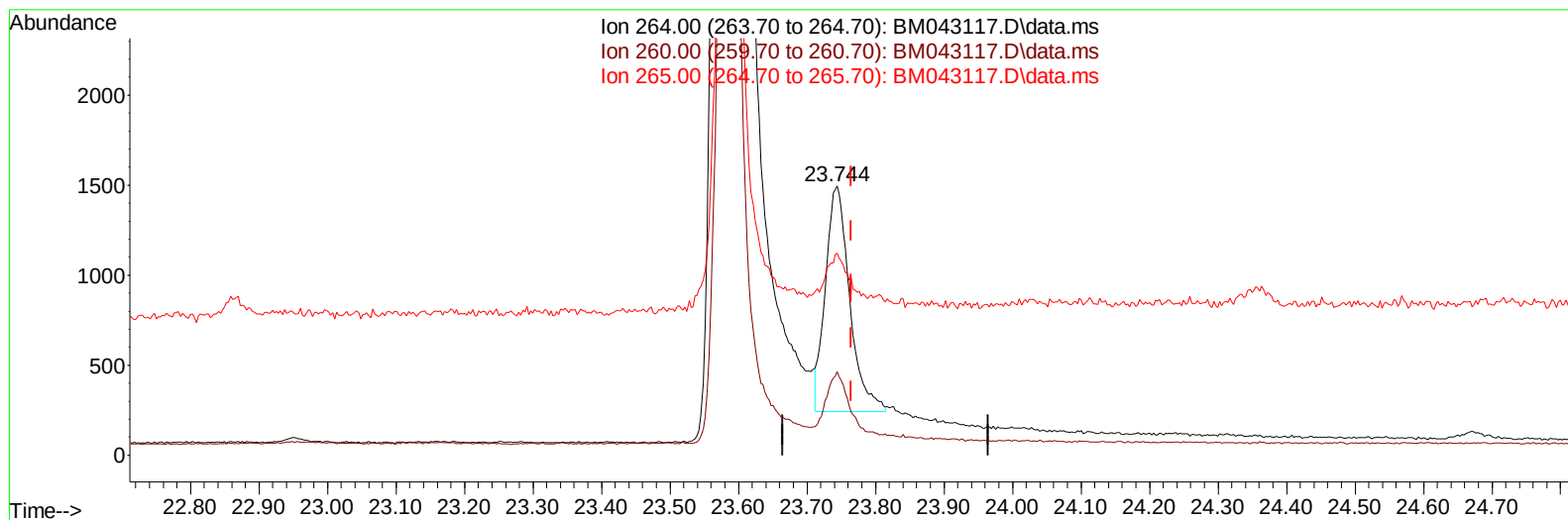
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043117.D
 Acq On : 01 Dec 2023 11:11
 Operator : MA/JU
 Sample : 05459-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043117.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul m

response 3070

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	31.12
265.00	120.30	75.10#
0.00	0.00	0.00

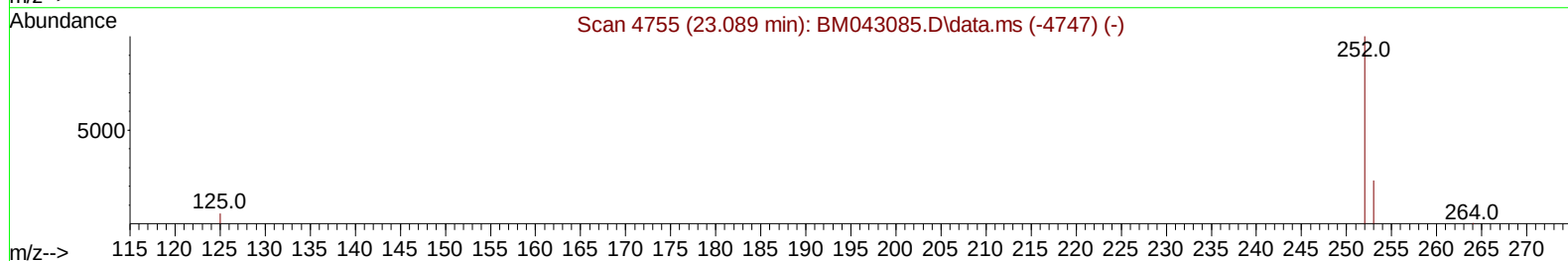
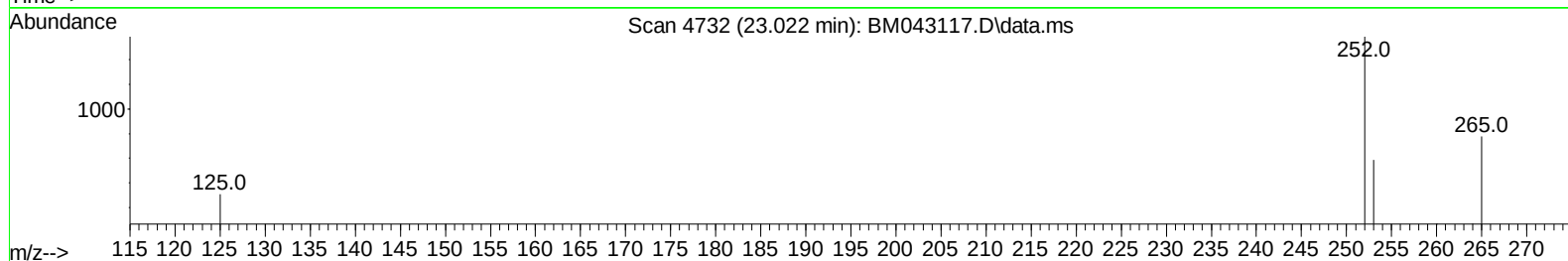
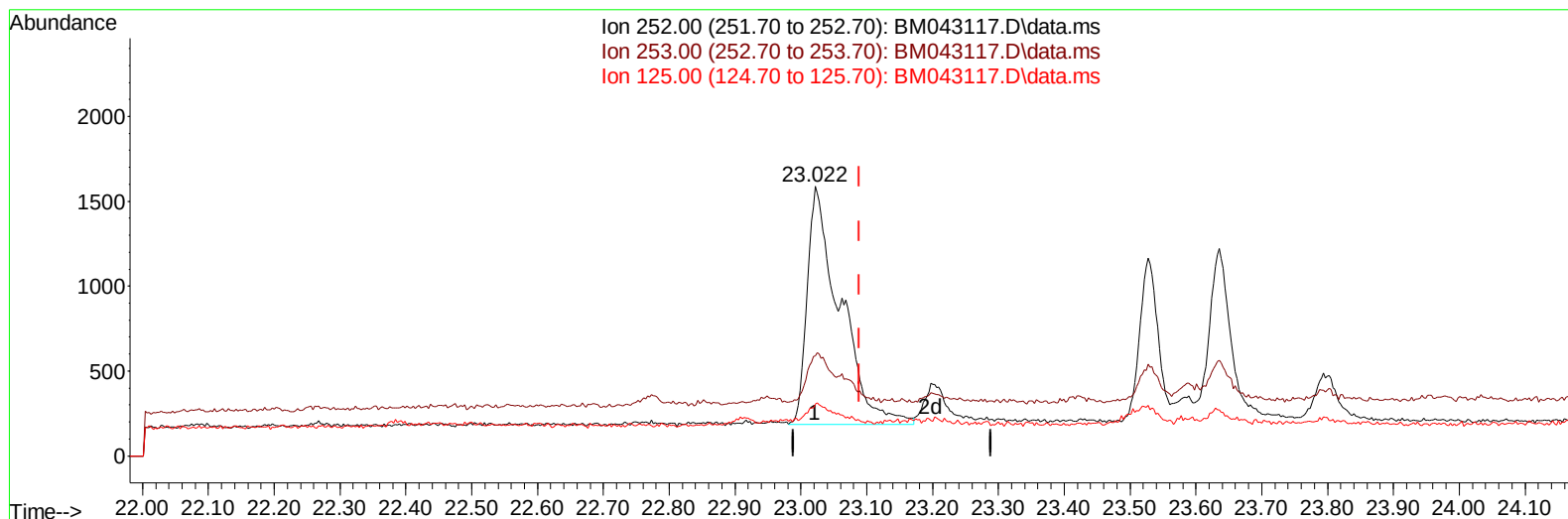
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TIC: BM043117.D\data.ms

(25) Benzo(k)fluoranthene

23.022min (-0.067) 0.34 ng/u1

response 4861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	37.05
125.00	13.80	19.28#
0.00	0.00	0.00

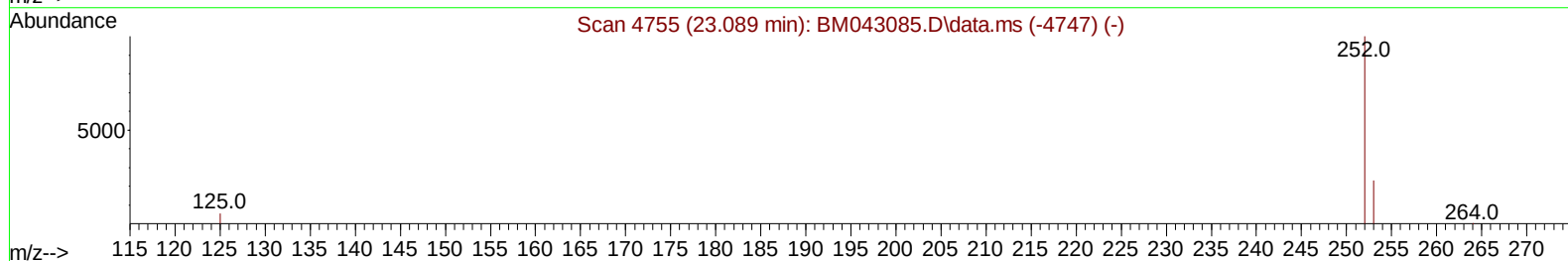
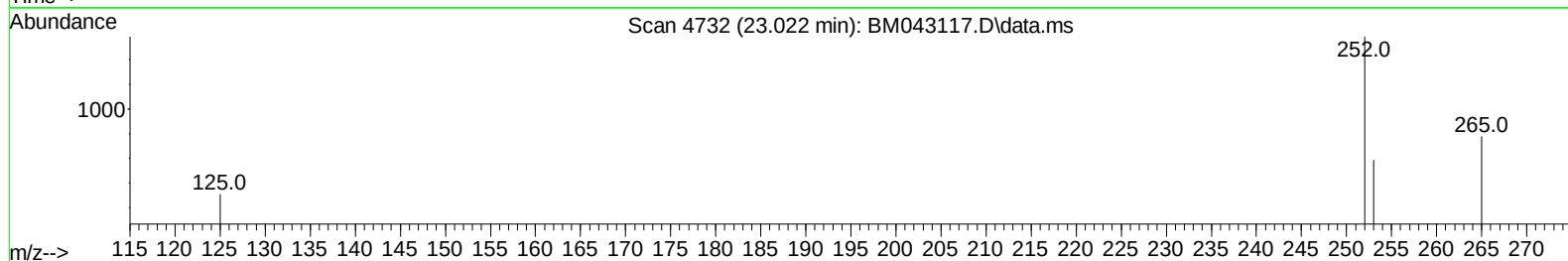
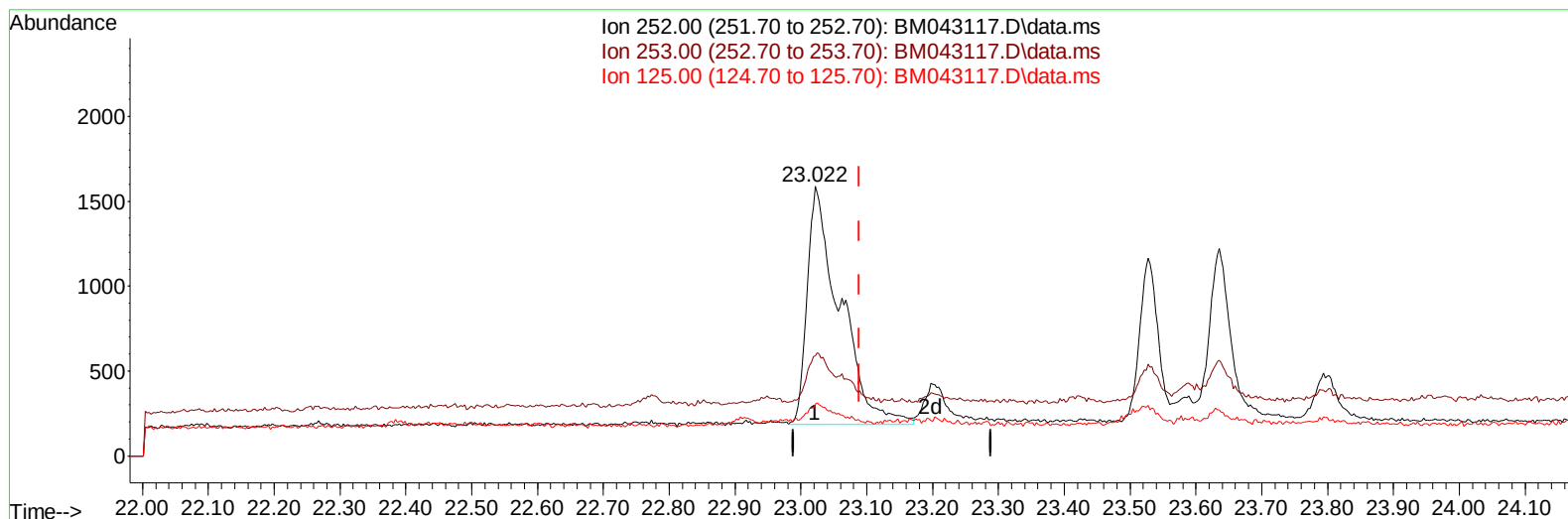
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(25) Benzo(k)fluoranthene

23.022min (-0.067) 0.34 ng/u1

response 4861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	37.05
125.00	13.80	19.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1137m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.601	136	3169	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.447	164	1666m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.205	188	3246	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.397	240	2245	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	3070m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1604	0.919	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	772	0.182	ng/ul	-0.03
18) Fluoranthene-d10	19.230	212	1566	0.191	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.656	128	947	0.110	ng/ul	96
7) 2-Methylnaphthalene	12.278	142	697	0.137	ng/ul	96
8) 1-Methylnaphthalene	12.493	142	462	0.082	ng/ul	94
10) Acenaphthylene	14.174	152	295	0.035	ng/ul#	67
15) Phenanthrene	17.247	178	3535	0.382	ng/ul	97
16) Anthracene	17.340	178	576m	0.066	ng/ul	
19) Fluoranthene	19.262	202	5456	0.429	ng/ul#	96
20) Pyrene	19.625	202	4846	0.358	ng/ul	98
21) Benzo(a)anthracene	21.385	228	2307	0.317	ng/ul	99
22) Chrysene	21.435	228	2092	0.154	ng/ul	95
24) Benzo(b)fluoranthene	23.022	252	3269	0.316	ng/ul	95
25) Benzo(k)fluoranthene	23.063	252	1352m	0.095	ng/ul	
26) Benzo(a)pyrene	23.636	252	2100	0.186	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.191	276	2068	0.135	ng/ul#	100
29) Benzo(g,h,i)perylene	26.959	276	1778	0.119	ng/ul#	89

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

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