

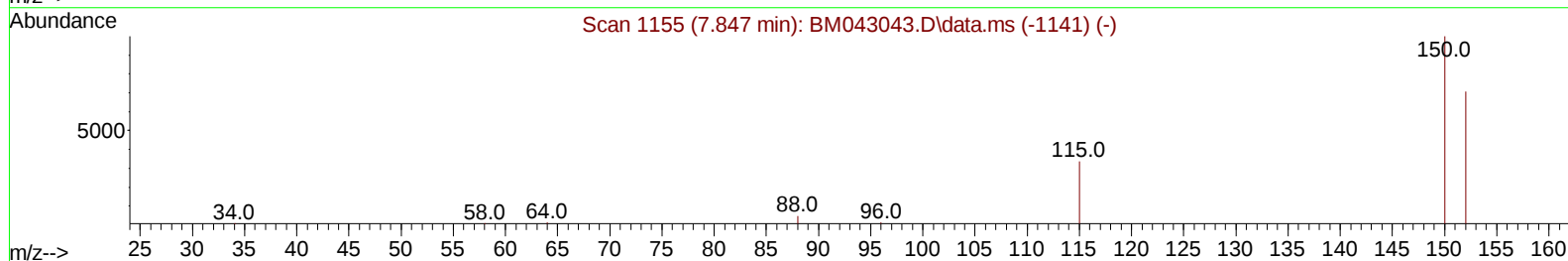
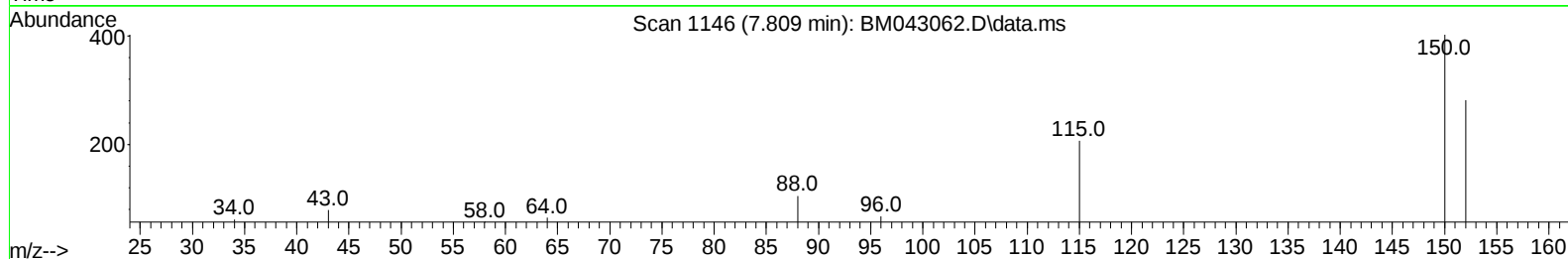
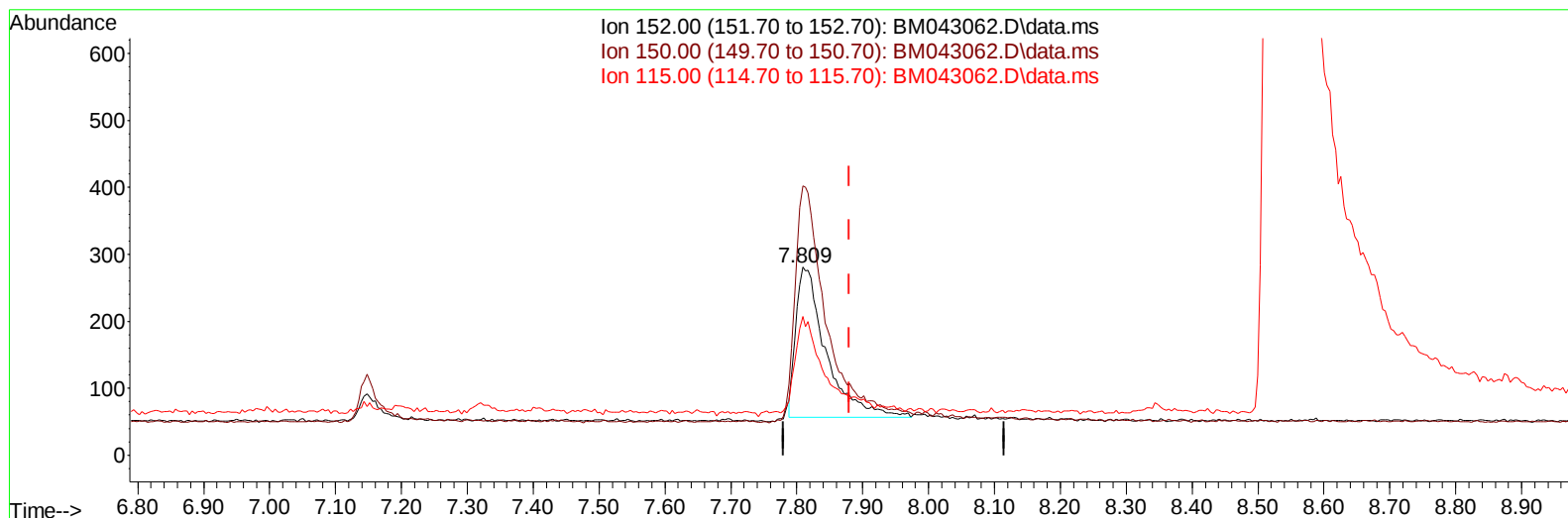
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043062.D
Acq On : 27 Nov 2023 23:03
Operator : MA/JU
Sample : 05416-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 00:24:15 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 : Mon Nov 27 02:36:19 2023
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TIC: BM043062.D\data.ms

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

7.809min (-0.071) 0.40 ng/u1

response 709

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.06
115.00	89.60	73.67
0.00	0.00	0.00

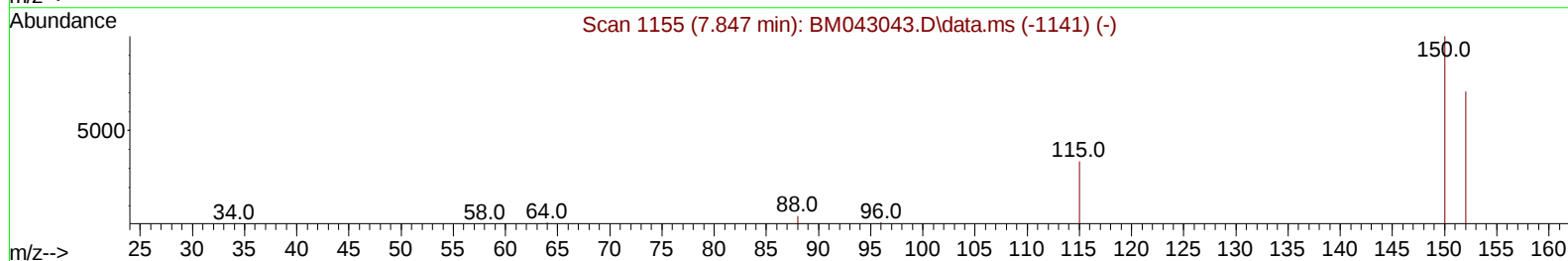
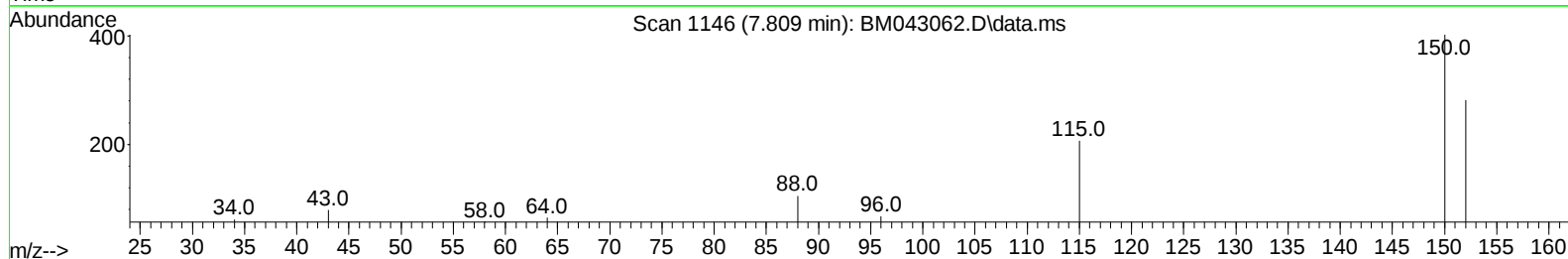
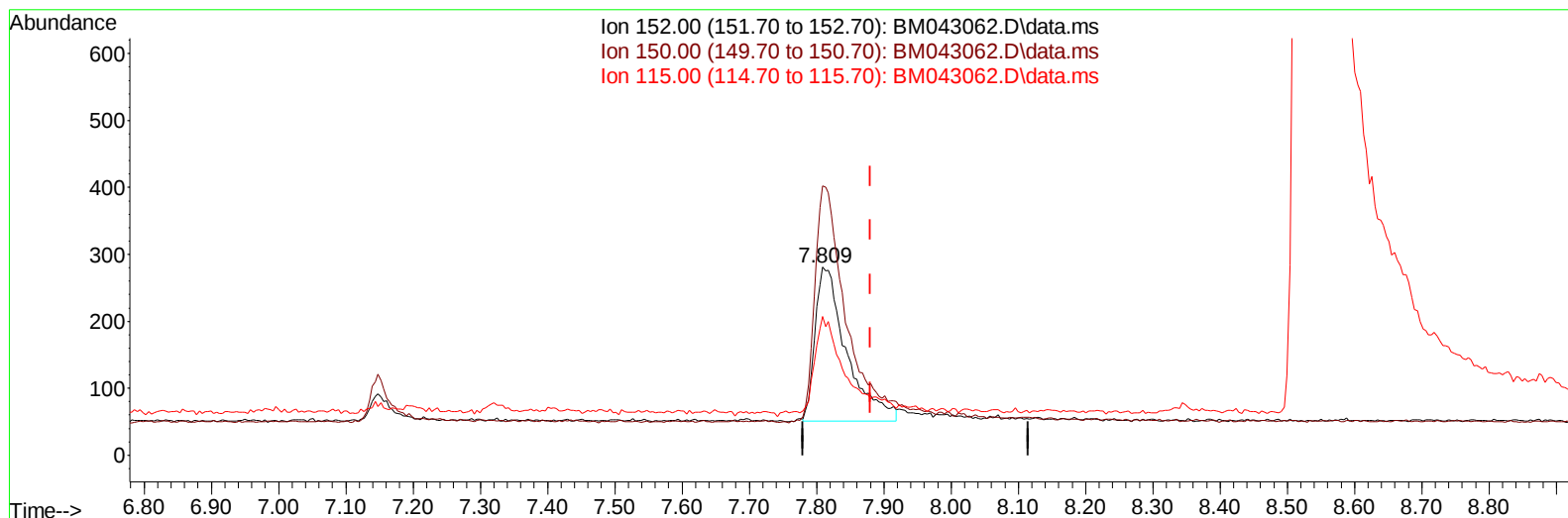
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TIC: BM043062.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 748

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.06
115.00	89.60	73.67
0.00	0.00	0.00

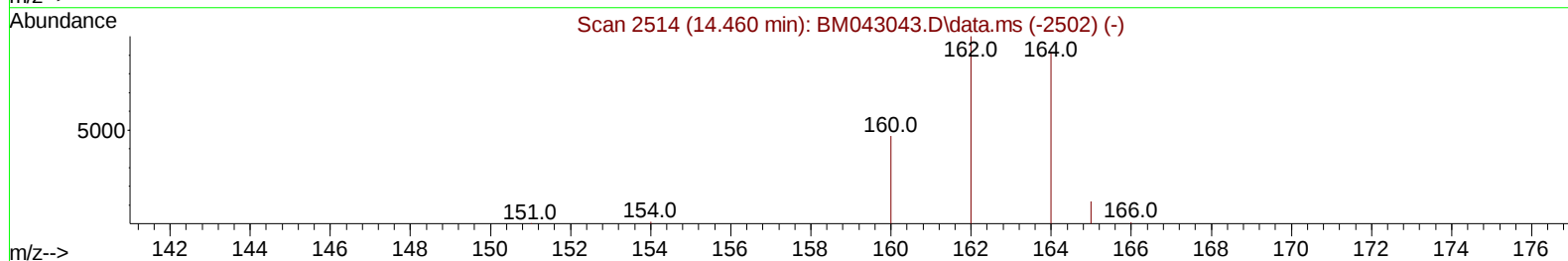
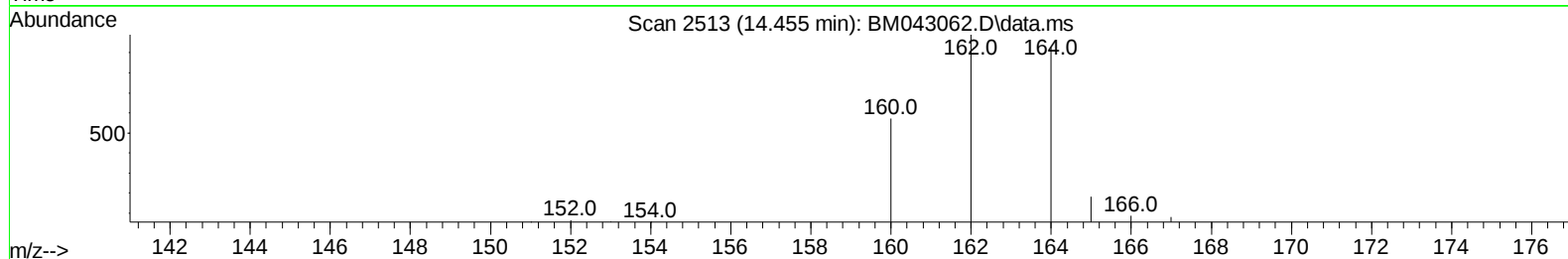
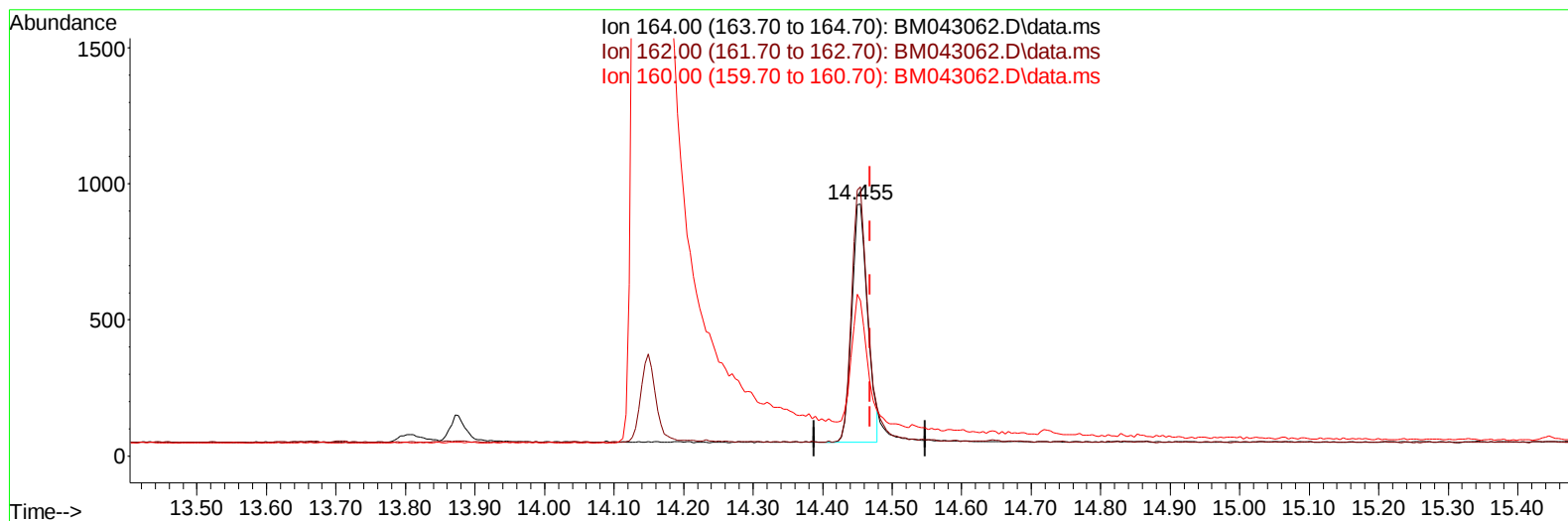
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BM043062.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/u1

response 1388

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.91
160.00	57.20	61.66
0.00	0.00	0.00

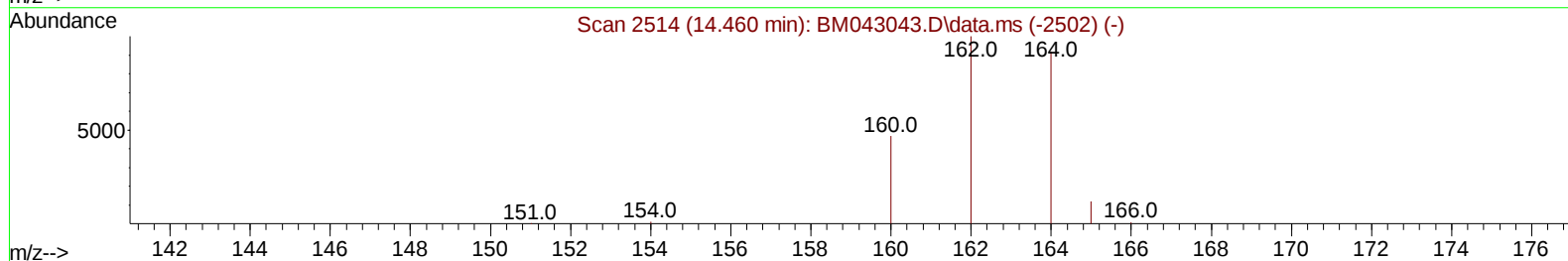
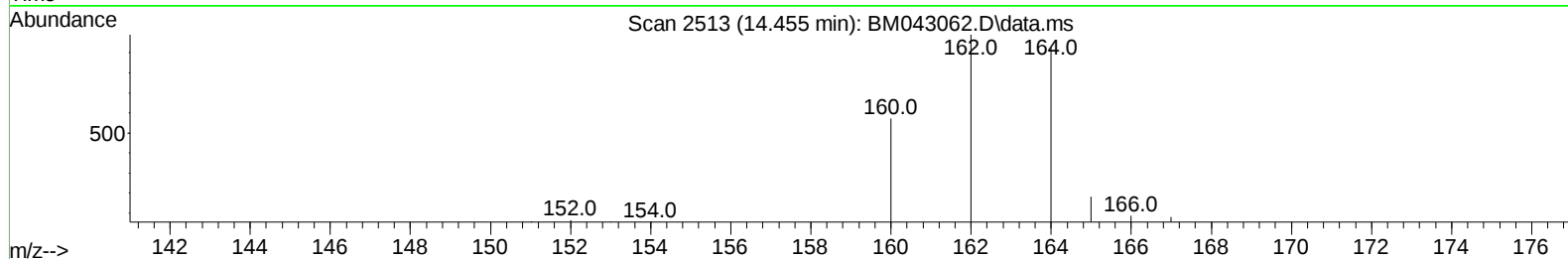
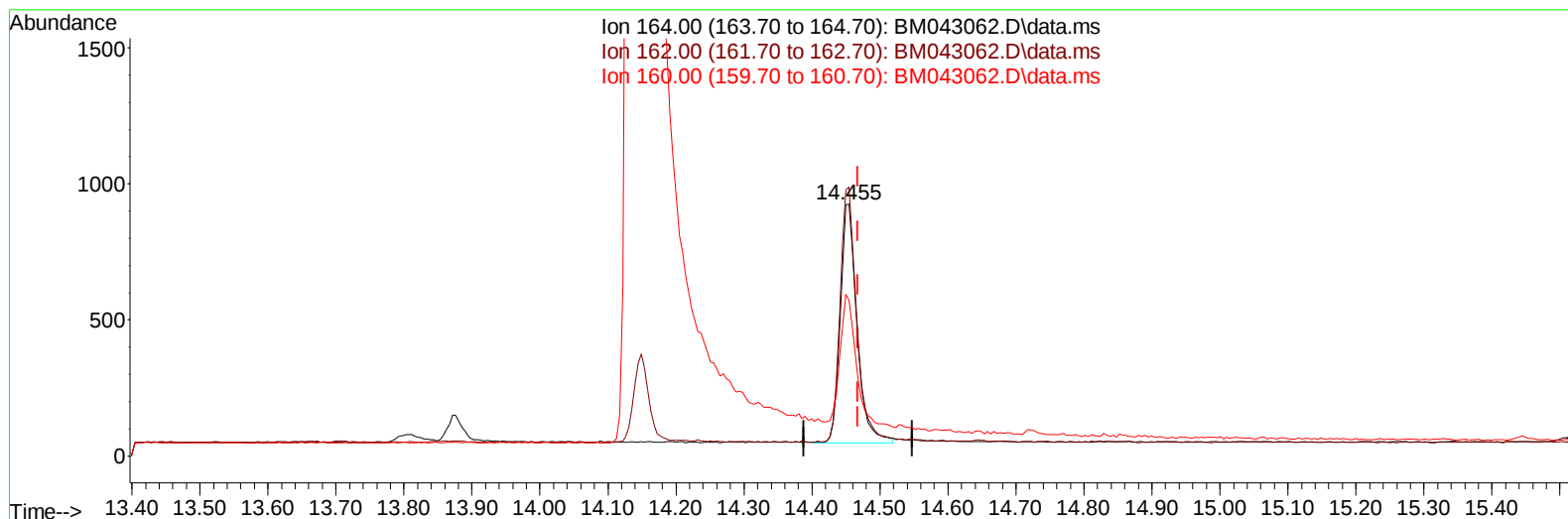
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043062.D
Acq On : 27 Nov 2023 23:03
Operator : MA/JU
Sample : 05416-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM043062.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul m

response 1476

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.91
160.00	57.20	61.66
0.00	0.00	0.00

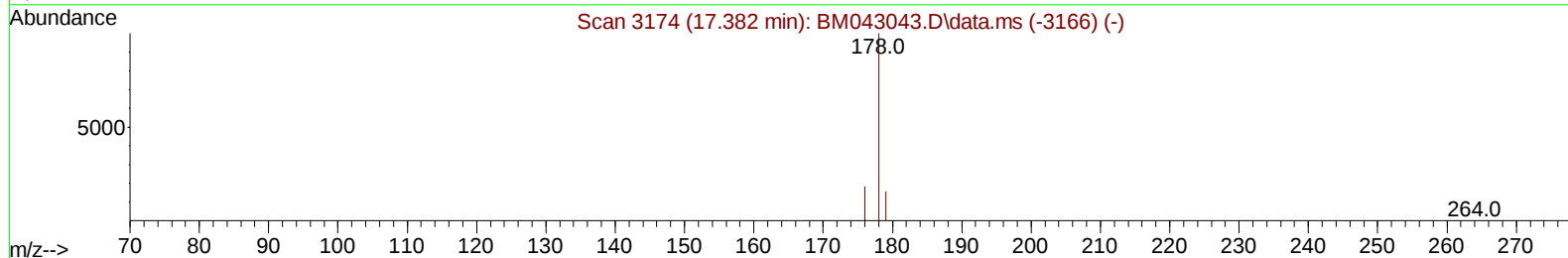
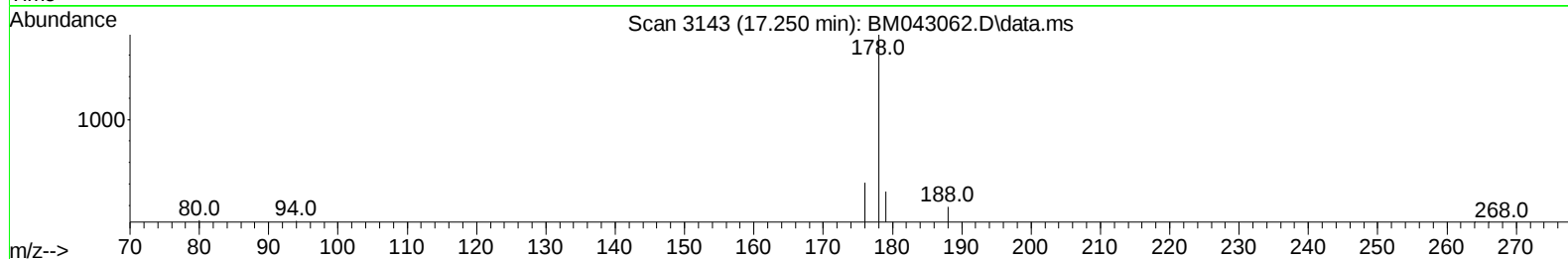
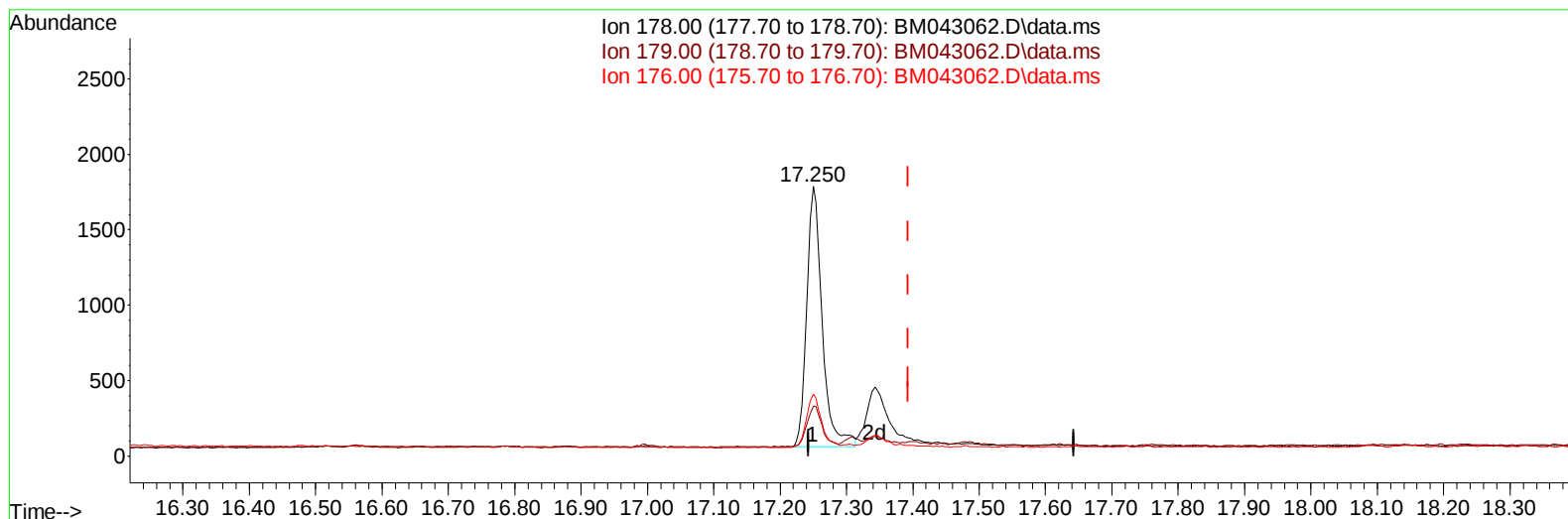
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TIC: BM043062.D\data.ms

(16) Anthracene

17.250min (-0.143) 0.33 ng/u1

response 2783

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.41
176.00	25.60	23.11
0.00	0.00	0.00

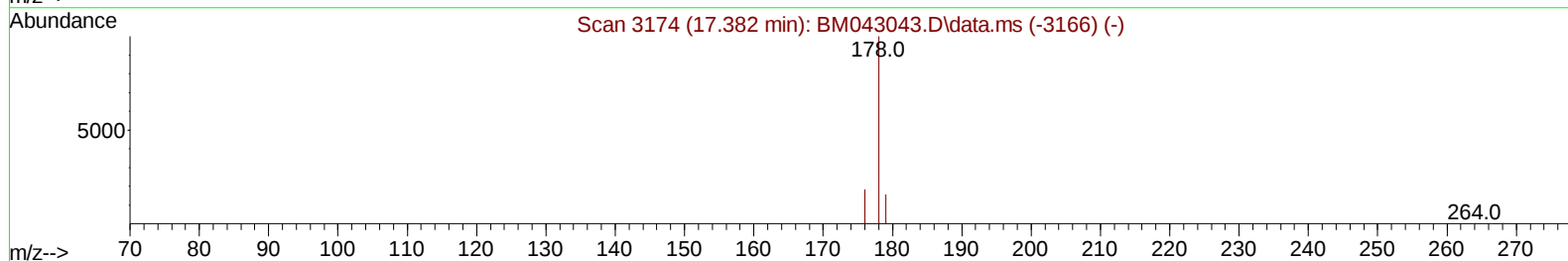
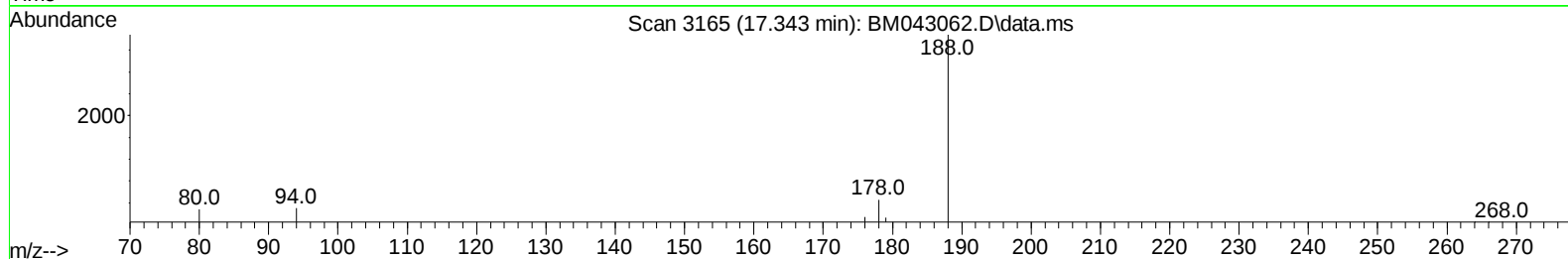
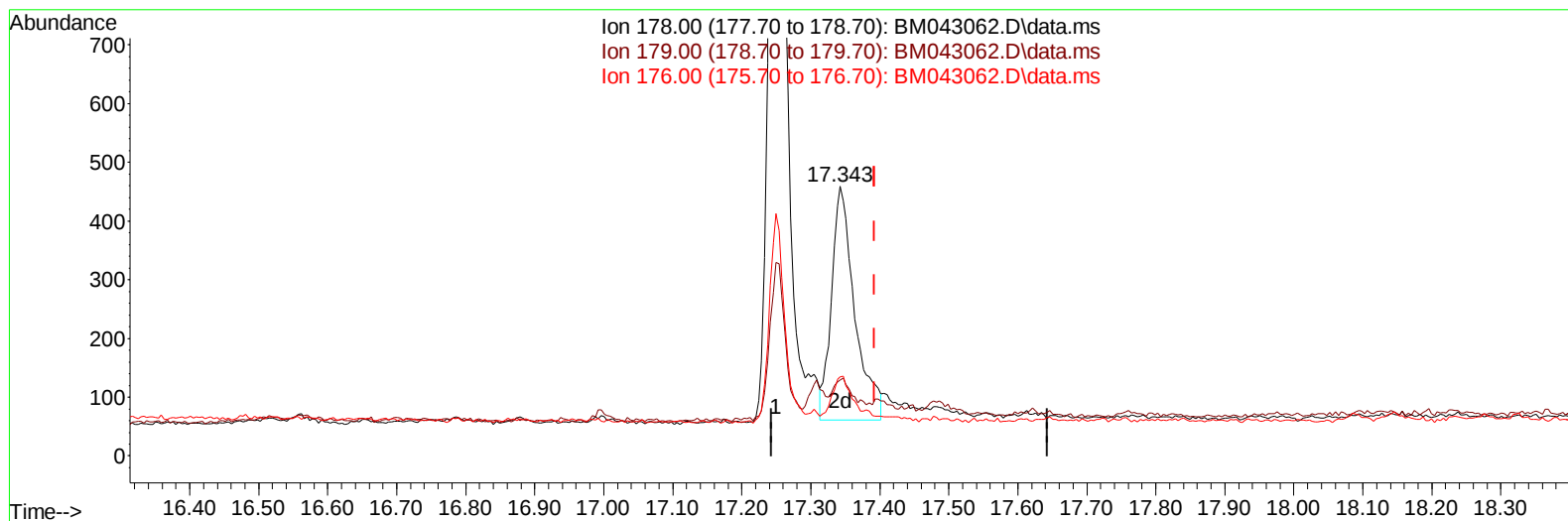
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 Data File : BM043062.D
 Acq On : 27 Nov 2023 23:03
 Operator : MA/JU
 Sample : 05416-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

Manual IntegrationsAPPROVED

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TIC: BM043062.D\data.ms

(16) Anthracene

17.343min (-0.050) 0.11 ng/ul m

response 927

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	28.10#
176.00	25.60	29.41
0.00	0.00	0.00

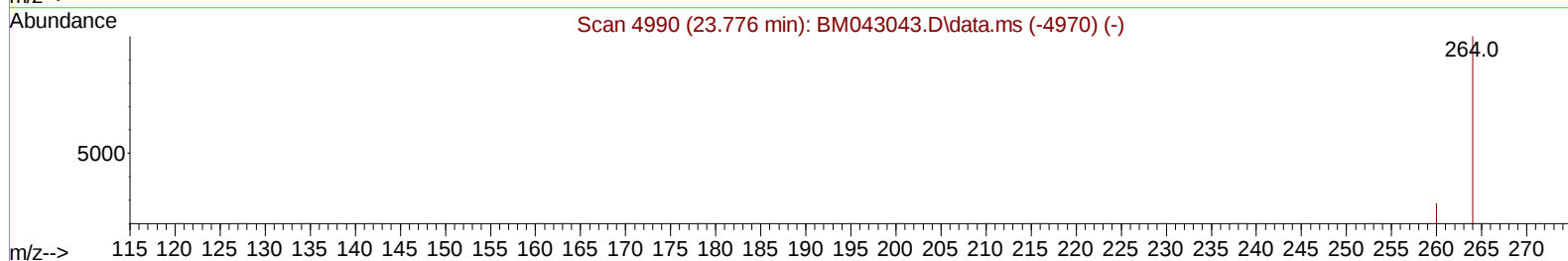
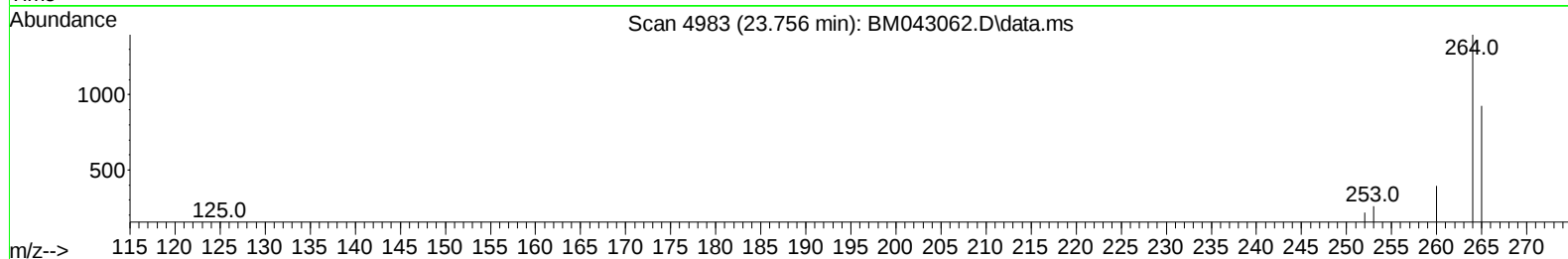
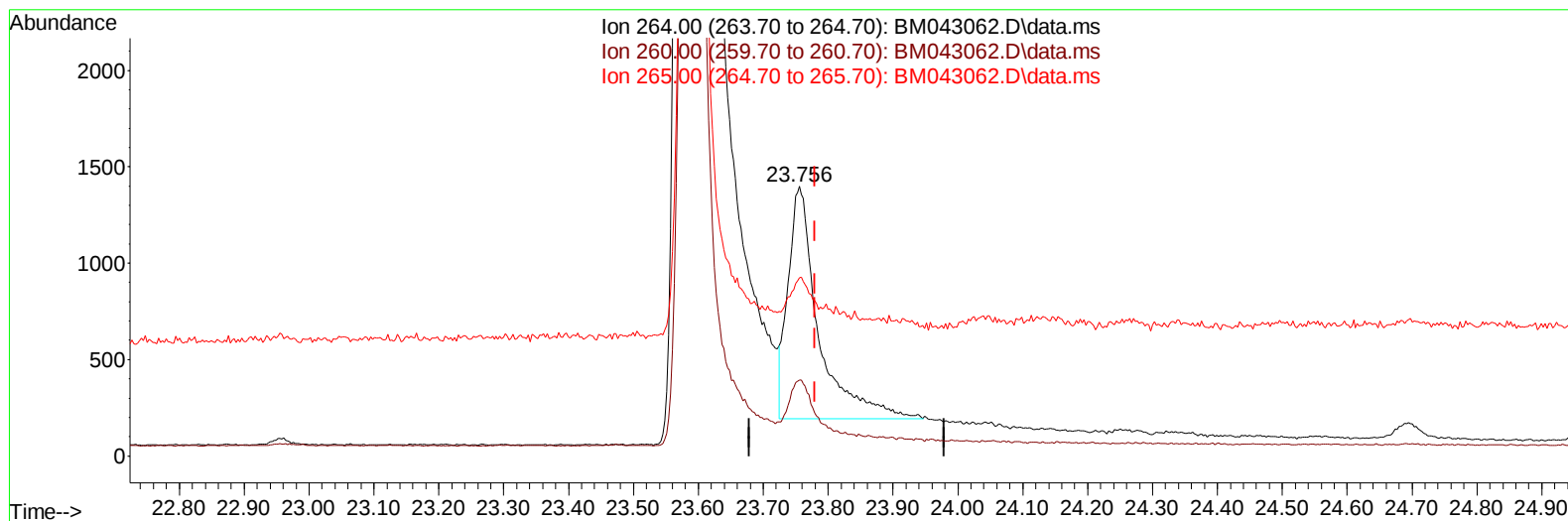
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 Operator : MA/JU
 Sample : 05416-16
 Misc :
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Instrument :
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TIC: BM043062.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/u1

response 3933

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.25
265.00	120.30	66.24#
0.00	0.00	0.00

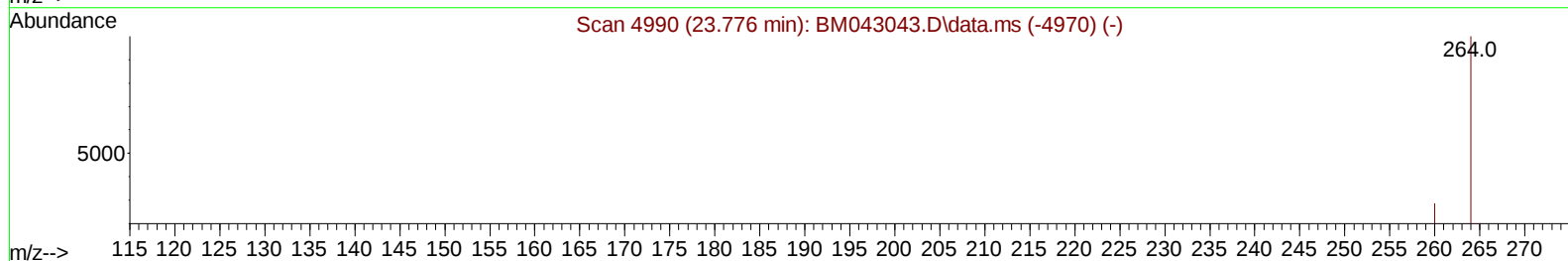
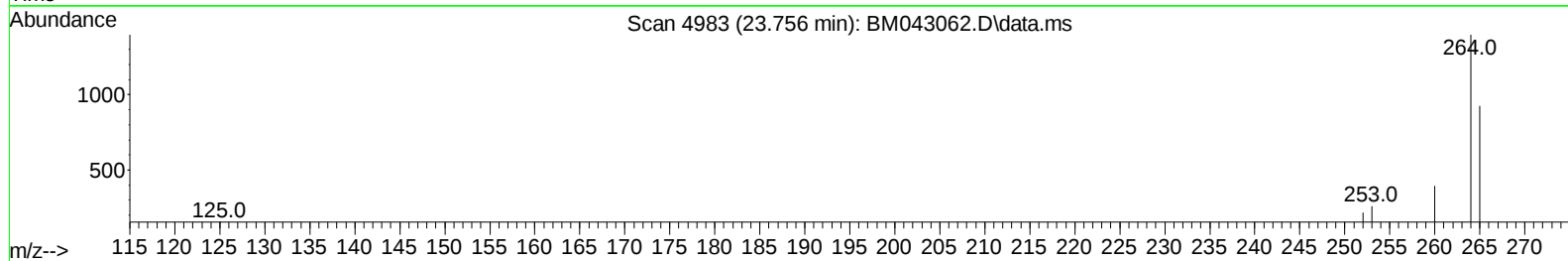
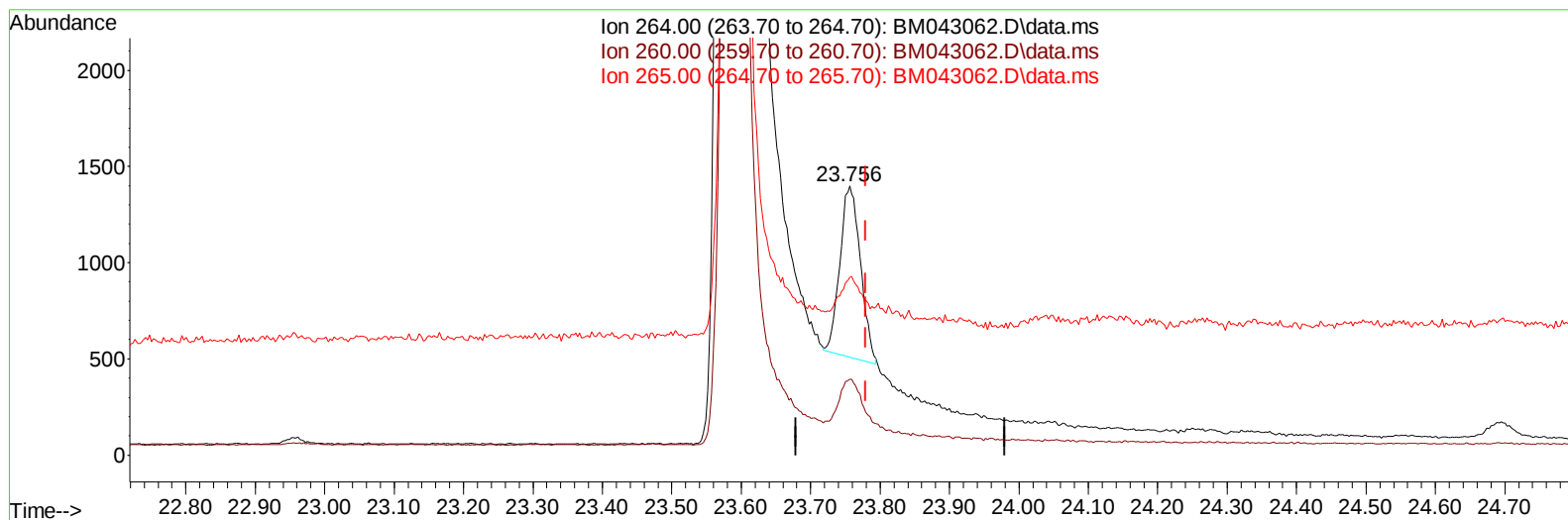
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 Acq On : 27 Nov 2023 23:03
 Operator : MA/JU
 Sample : 05416-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

Manual IntegrationsAPPROVED

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TIC: BM043062.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/ul m

response 1821

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.25
265.00	120.30	66.24#
0.00	0.00	0.00

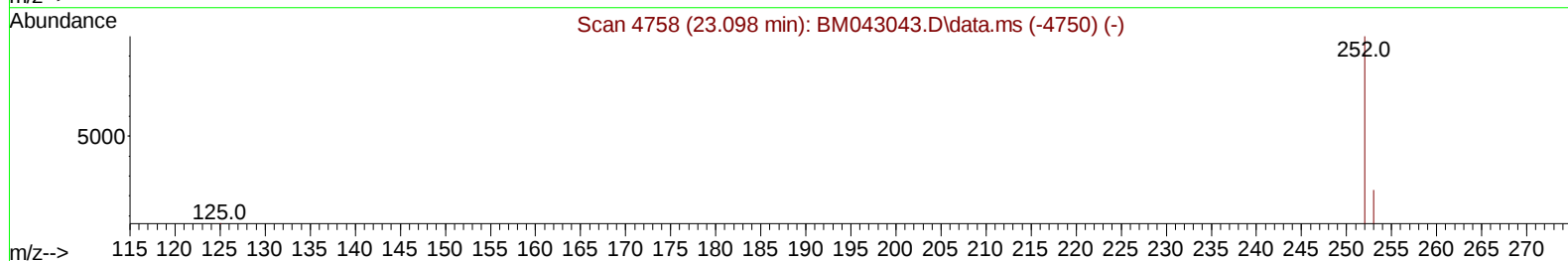
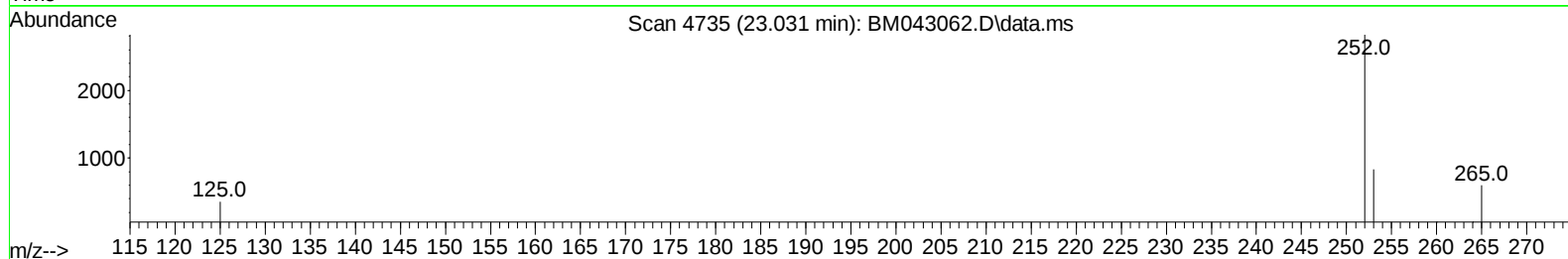
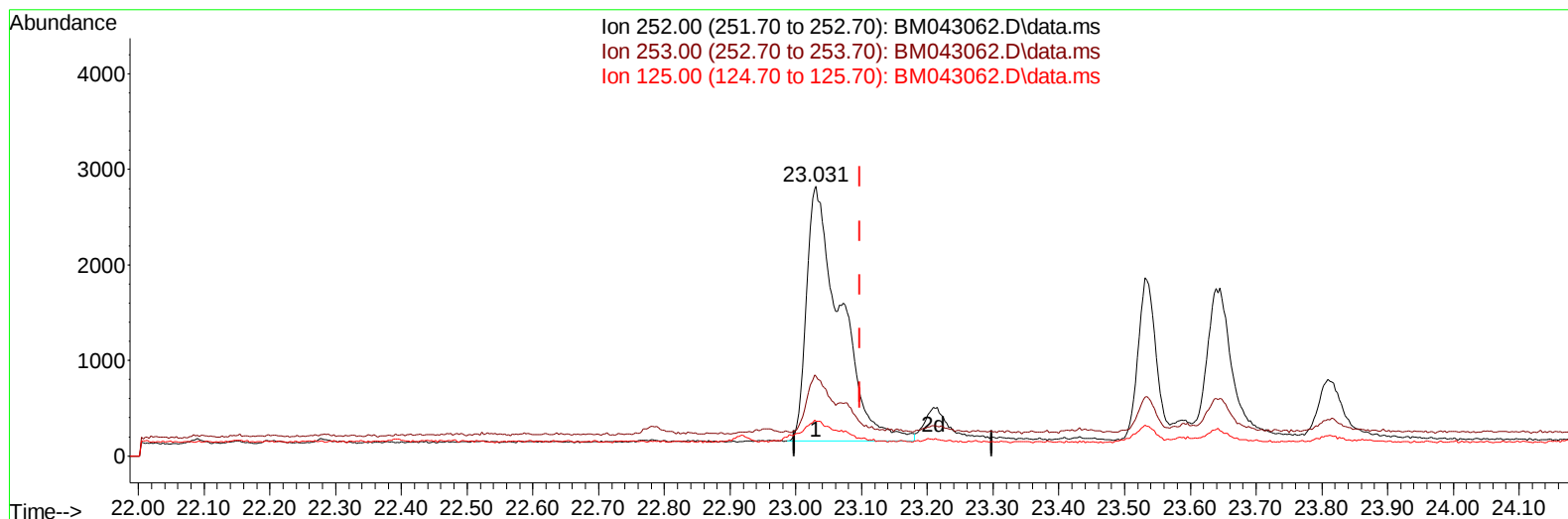
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TIC: BM043062.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.067) 1.12 ng/u1

response 9513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	29.63
125.00	13.80	12.76
0.00	0.00	0.00

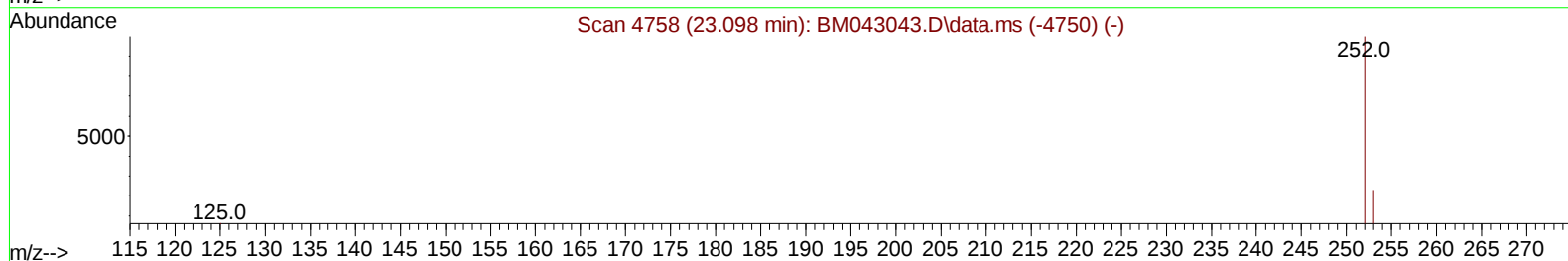
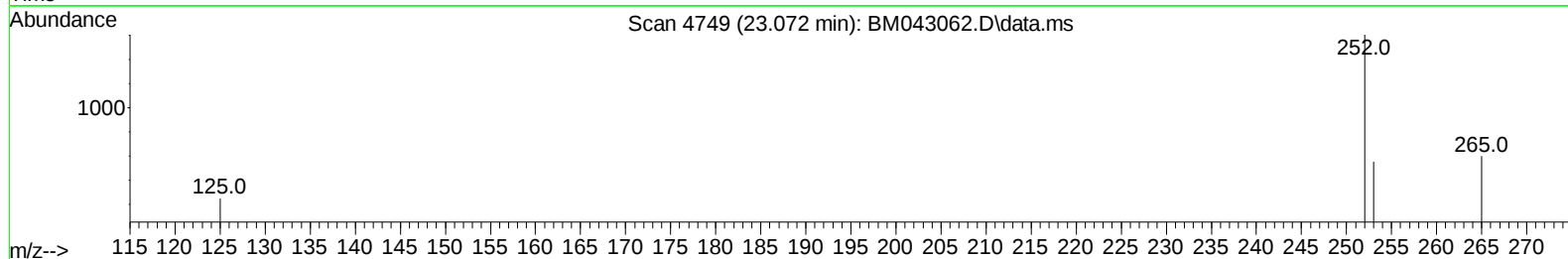
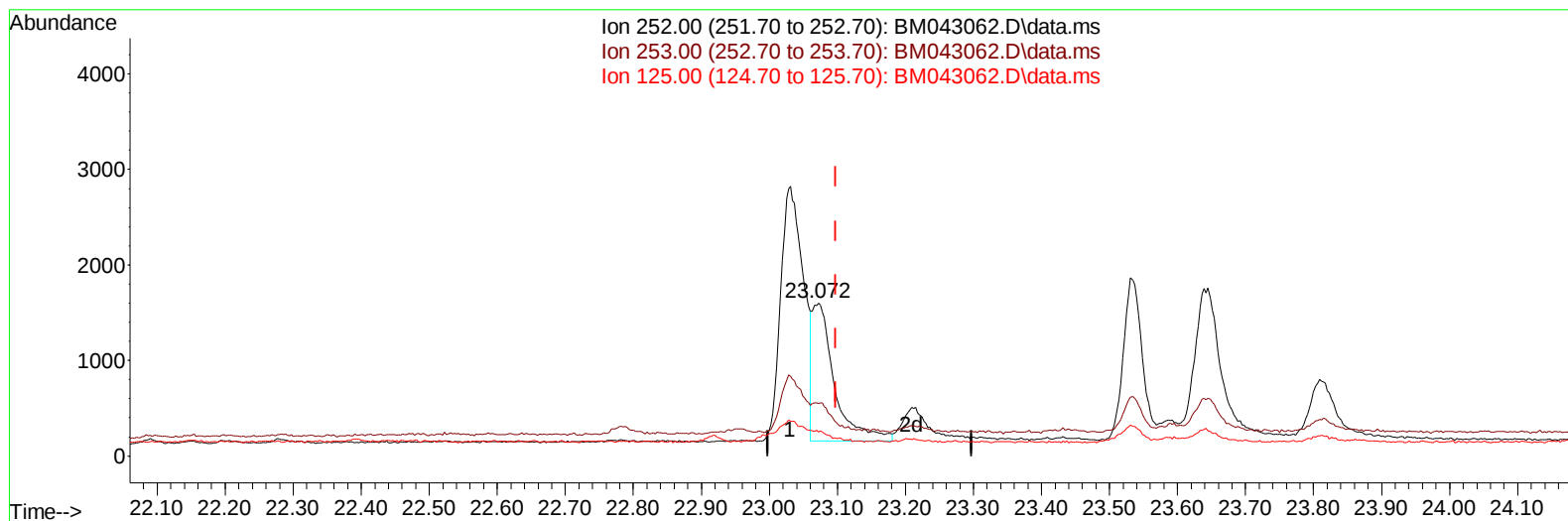
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TIC: BM043062.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (-0.026) 0.39 ng/u1 m

response 3271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	34.44
125.00	13.80	15.53
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	748m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2336	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1476m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	3164	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	2364	0.400	ng/ul	#-0.02
23) Perylene-d12	23.756	264	1821m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1565	1.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	318	0.102	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	933	0.108	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	608	0.096	ng/ul#	84
7) 2-Methylnaphthalene	12.299	142	542	0.145	ng/ul	100
8) 1-Methylnaphthalene	12.508	142	372	0.089	ng/ul	95
10) Acenaphthylene	14.177	152	497	0.066	ng/ul#	80
12) Fluorene	15.509	166	217	0.037	ng/ul#	89
15) Phenanthrene	17.250	178	2819	0.312	ng/ul	98
16) Anthracene	17.343	178	927m	0.108	ng/ul	
19) Fluoranthene	19.270	202	7842	0.585	ng/ul#	94
20) Pyrene	19.633	202	8552	0.600	ng/ul#	95
21) Benzo(a)anthracene	21.389	228	5685	0.741	ng/ul	96
22) Chrysene	21.441	228	5247	0.367	ng/ul	100
24) Benzo(b)fluoranthene	23.031	252	6488	1.056	ng/ul	91
25) Benzo(k)fluoranthene	23.072	252	3271m	0.387	ng/ul	
26) Benzo(a)pyrene	23.645	252	3913	0.583	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.219	276	2482	0.273	ng/ul#	100
29) Benzo(g,h,i)perylene	26.983	276	2327	0.264	ng/ul	98

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

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