

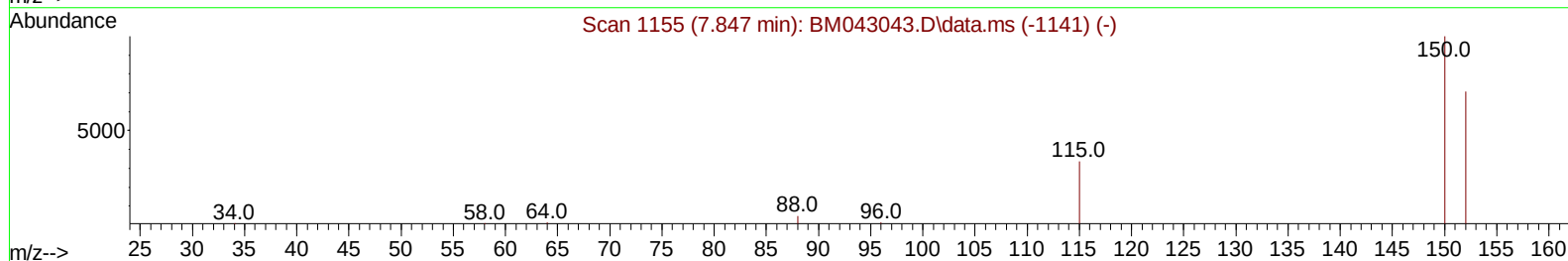
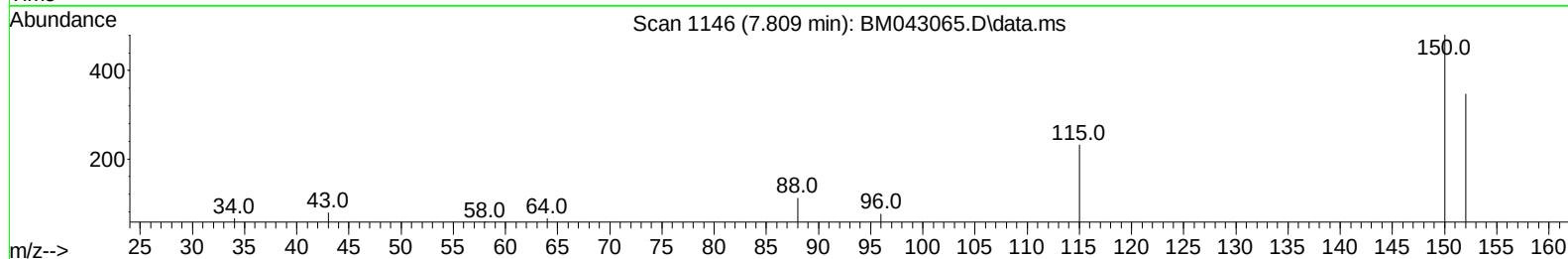
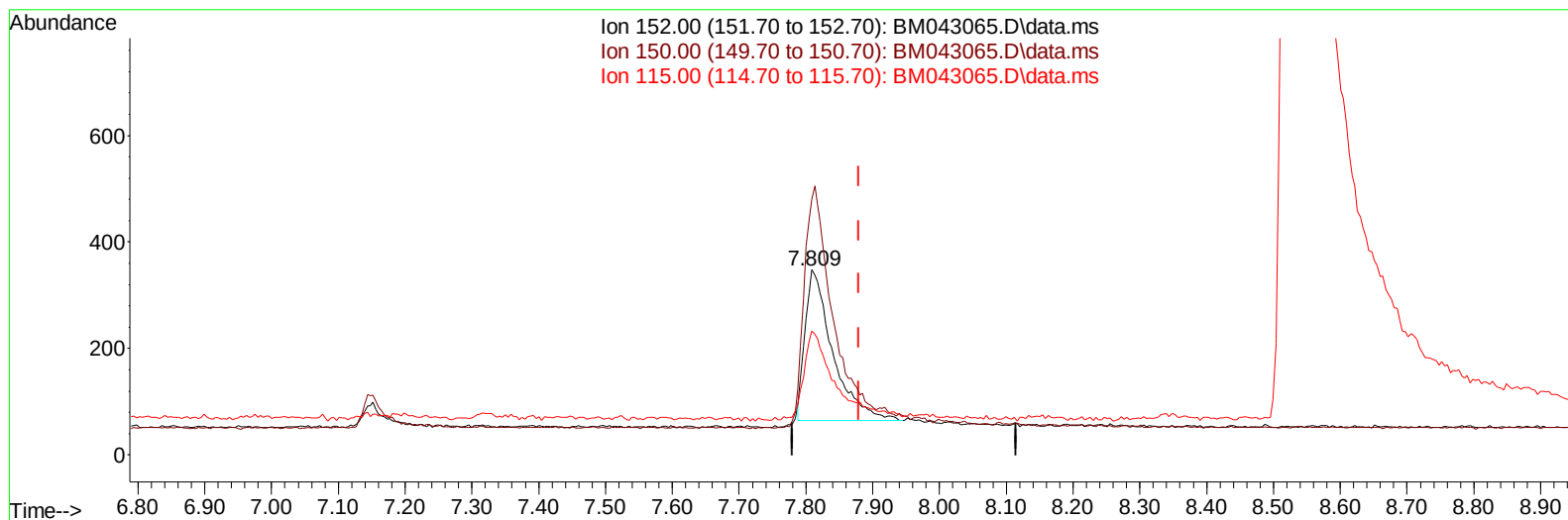
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043065.D
 Acq On : 28 Nov 2023 00:51
 Operator : MA/JU
 Sample : 05416-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH5

Manual IntegrationsAPPROVED

Quant Time: Nov 28 05:20:30 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
 Response via : Initial Calibration

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



TIC: BM043065.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul

response 806

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	138.22
115.00	89.60	66.95#
0.00	0.00	0.00

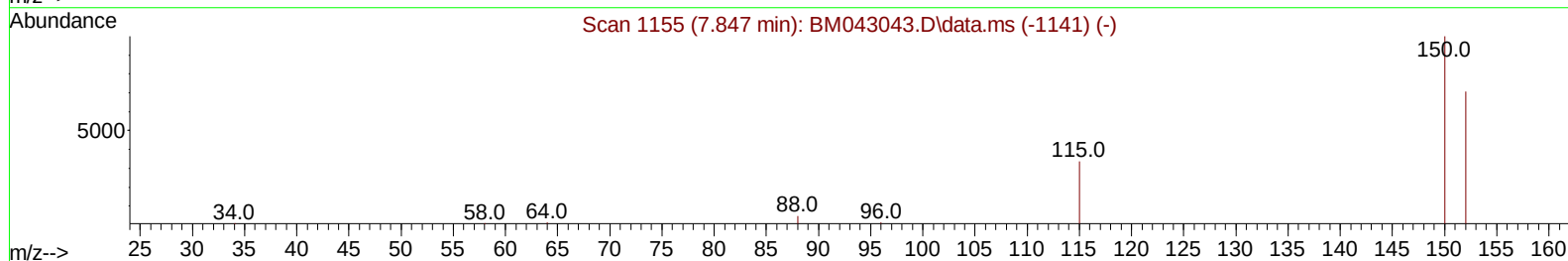
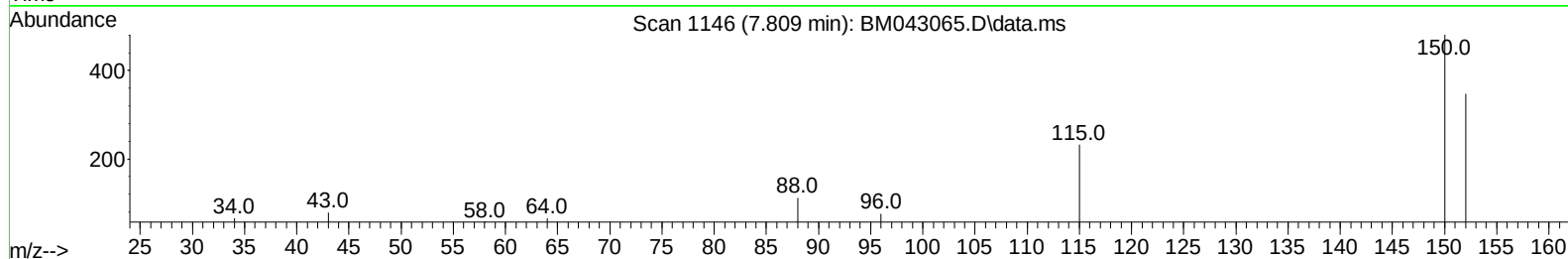
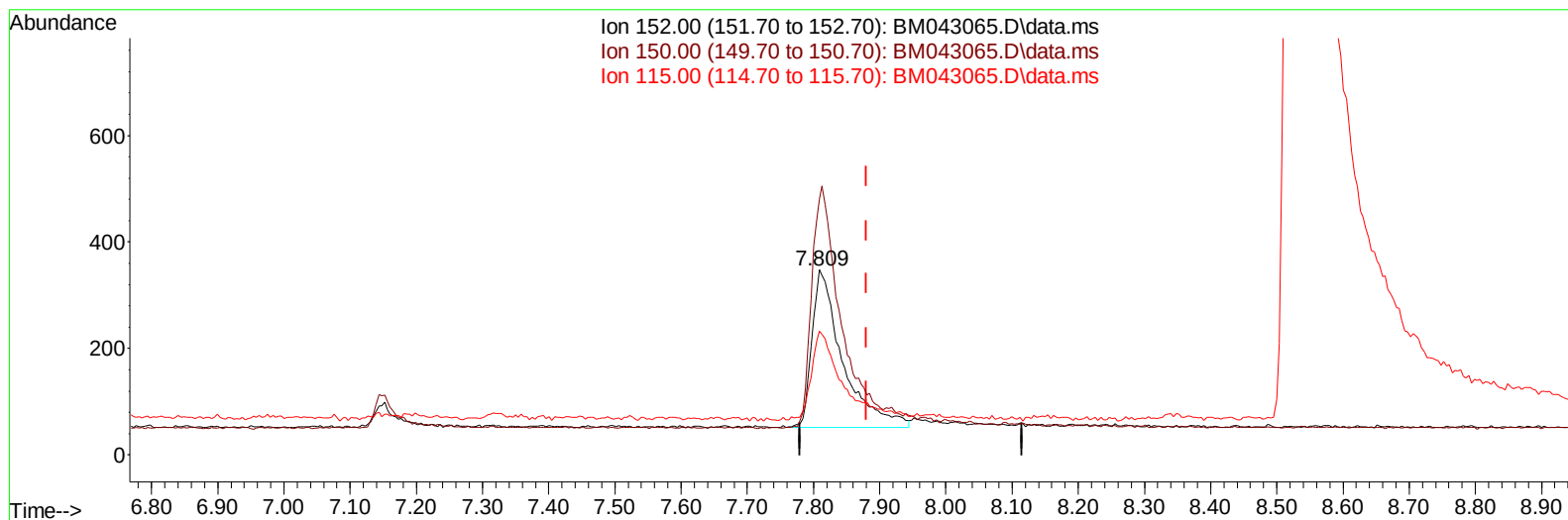
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Misc :
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Instrument :
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TIC: BM043065.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 946

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	138.22
115.00	89.60	66.95#
0.00	0.00	0.00

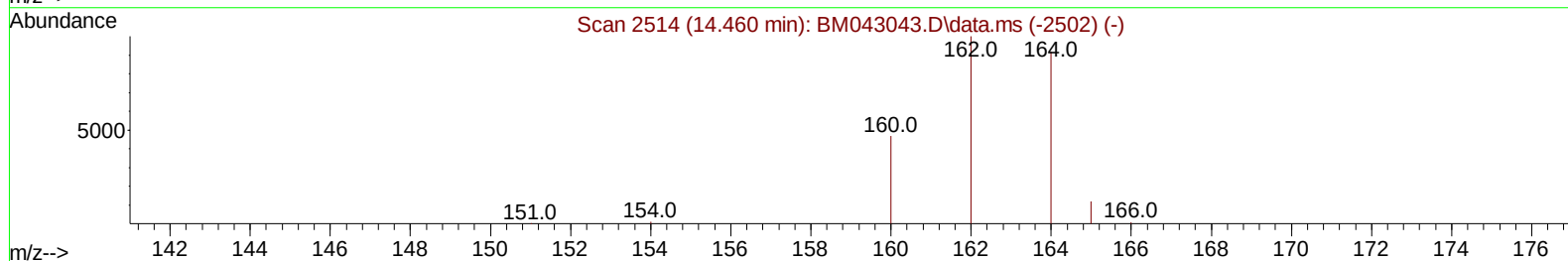
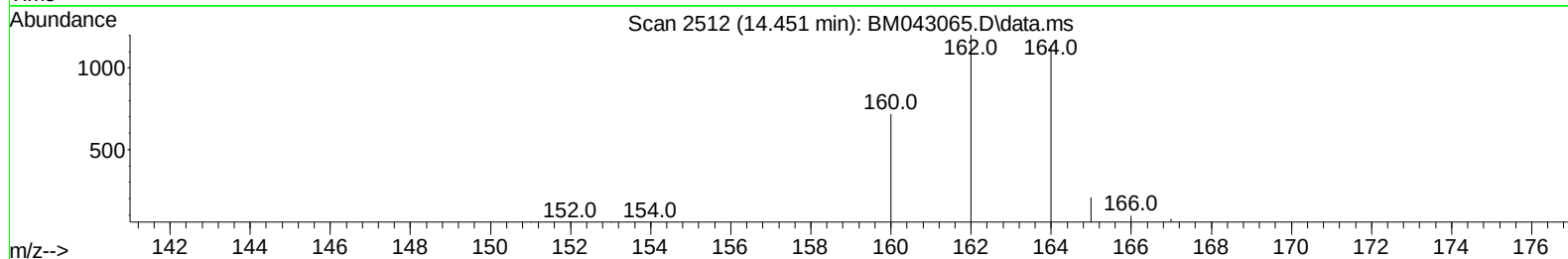
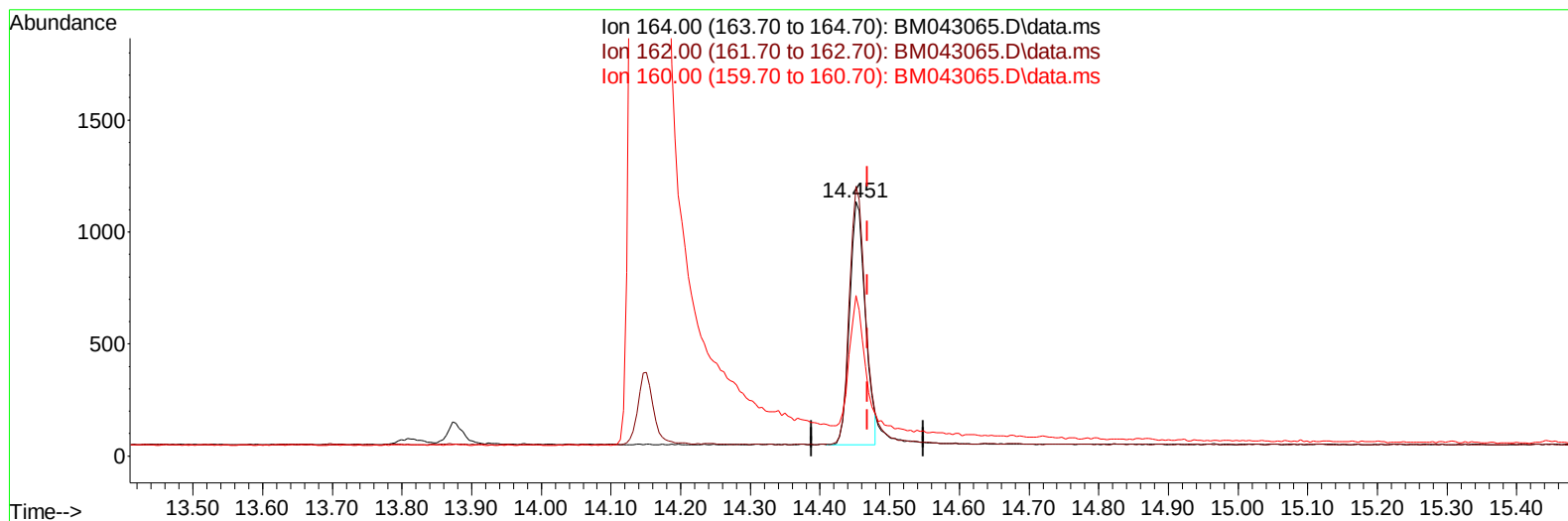
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Acq On : 28 Nov 2023 00:51
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TIC: BM043065.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.017) 0.40 ng/u1

response 1687

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.90
160.00	57.20	63.12
0.00	0.00	0.00

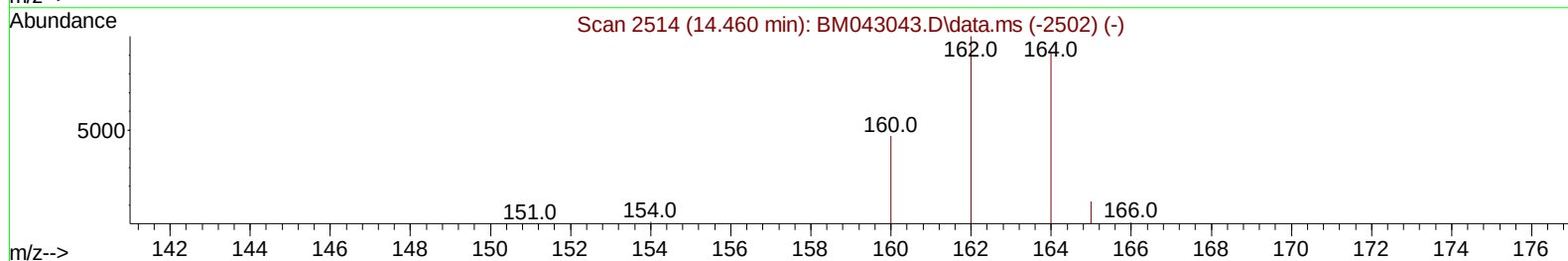
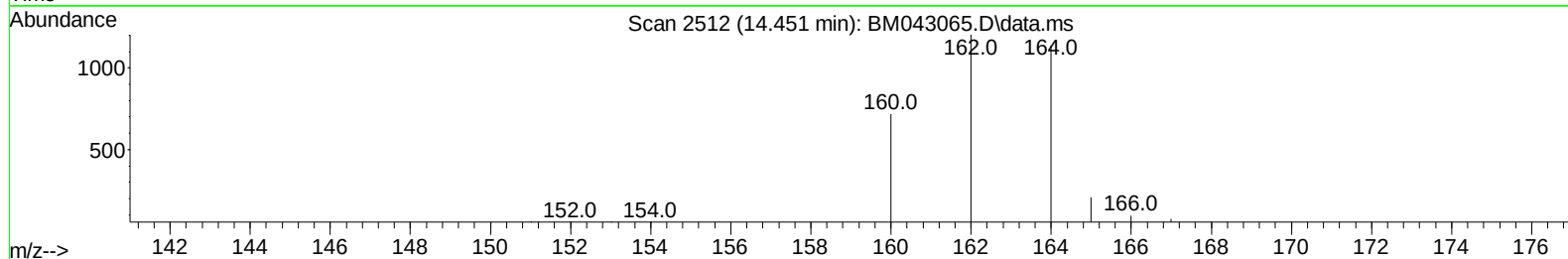
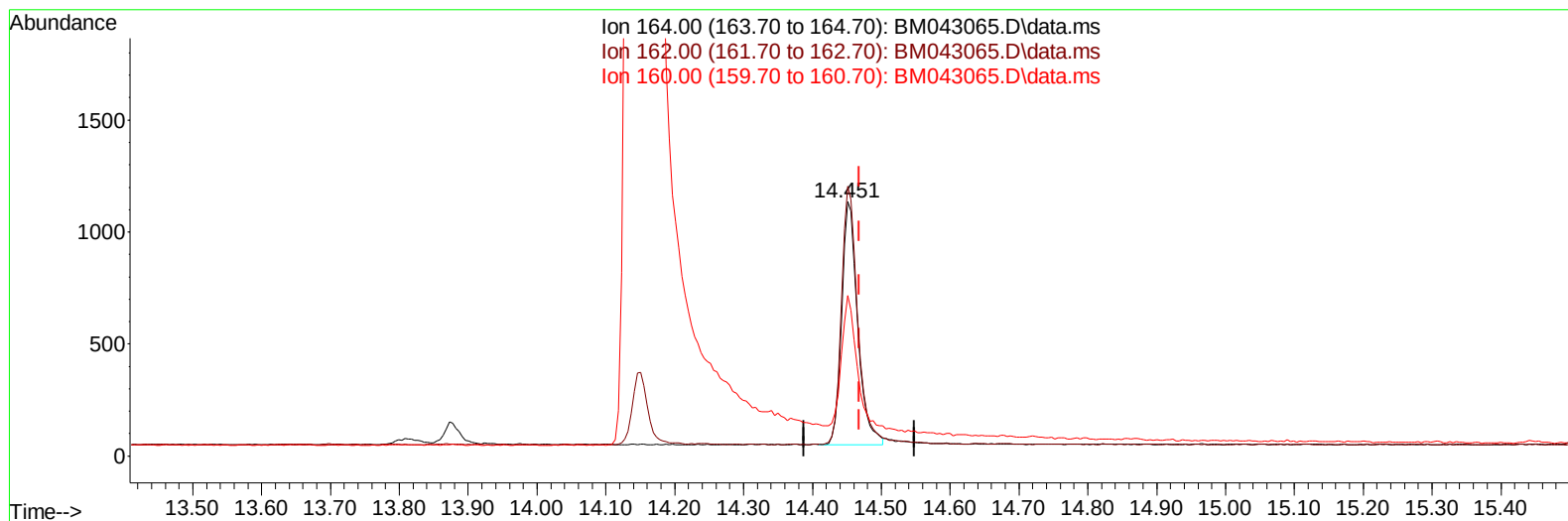
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043065.D
Acq On : 28 Nov 2023 00:51
Operator : MA/JU
Sample : 05416-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM043065.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.017) 0.40 ng/ul m

response 1763

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.90
160.00	57.20	63.12
0.00	0.00	0.00

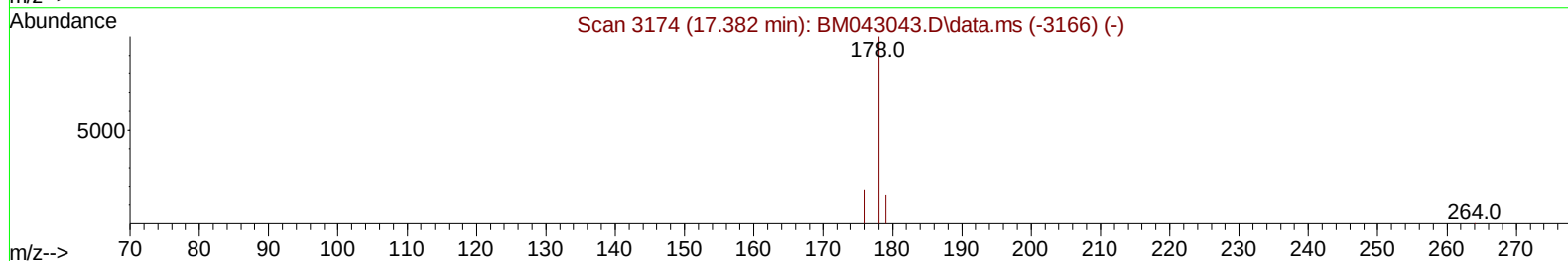
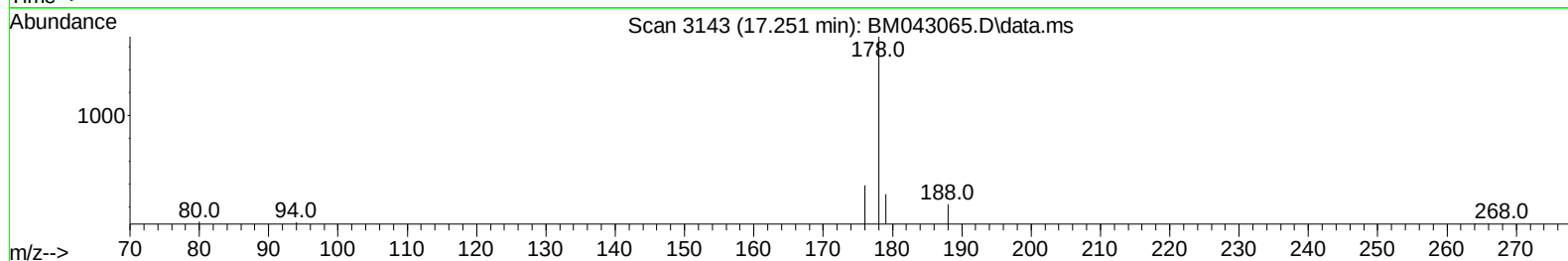
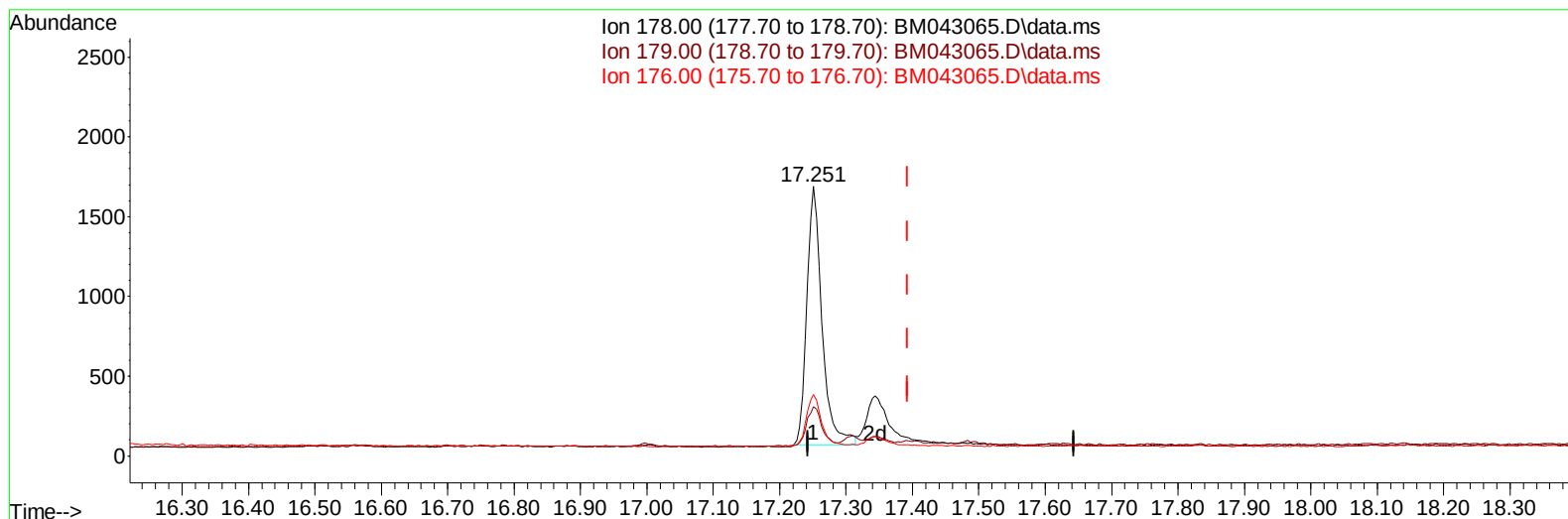
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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TIC: BM043065.D\data.ms

(16) Anthracene

17.251min (-0.142) 0.25 ng/u1

response 2579

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.18
176.00	25.60	22.79
0.00	0.00	0.00

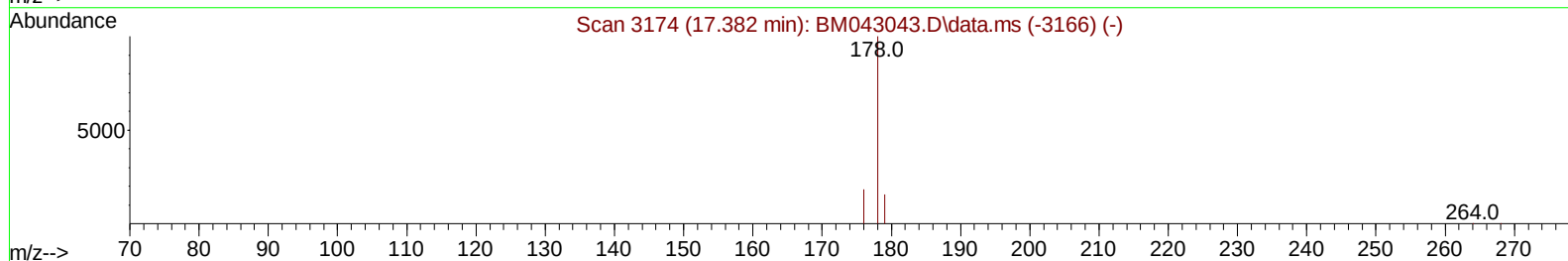
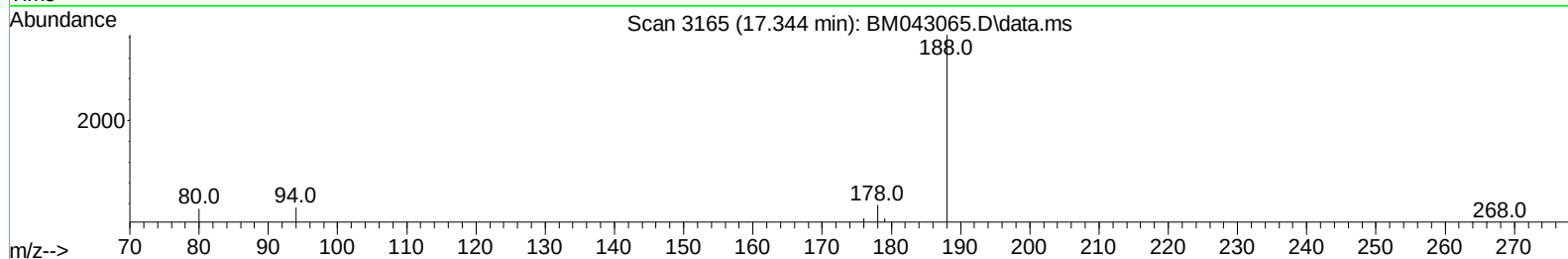
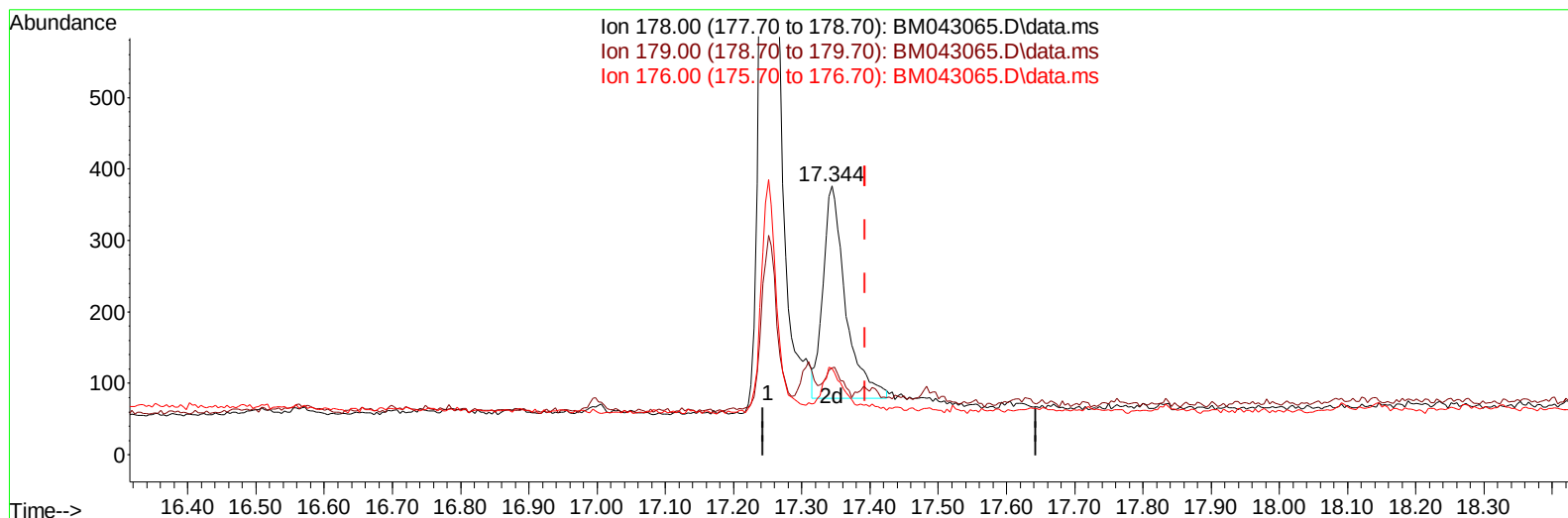
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043065.D
Acq On : 28 Nov 2023 00:51
Operator : MA/JU
Sample : 05416-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043065.D\data.ms

(16) Anthracene

17.344min (-0.049) 0.07 ng/ul m

response 683

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	32.45#
176.00	25.60	32.18#
0.00	0.00	0.00

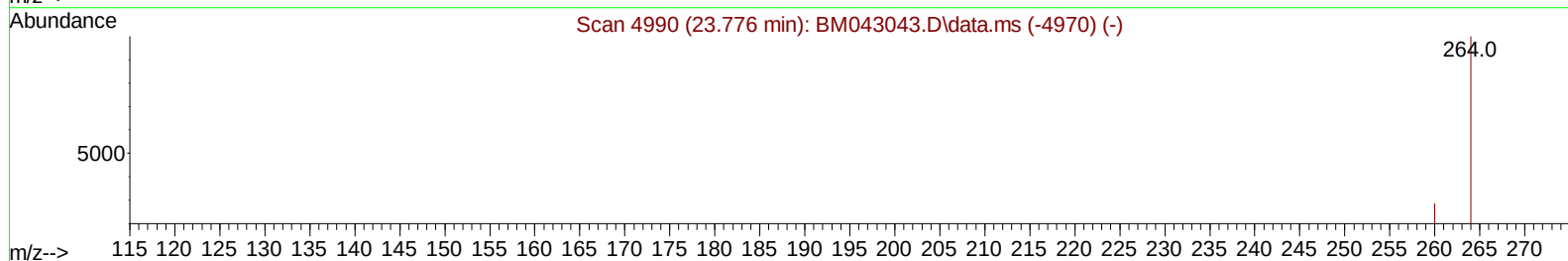
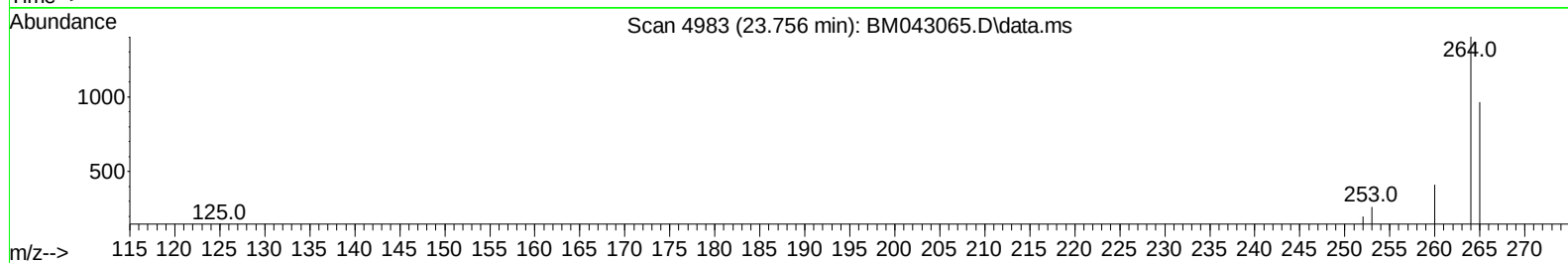
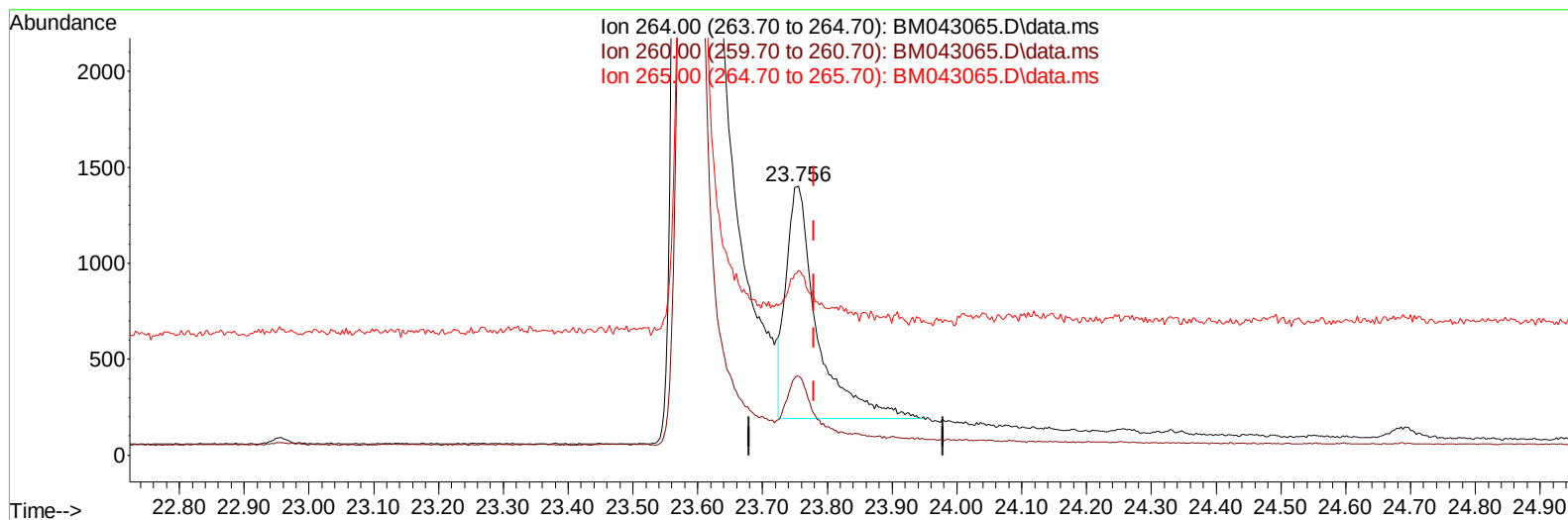
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM043065.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/u1

response 4092

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.39
265.00	120.30	68.69#
0.00	0.00	0.00

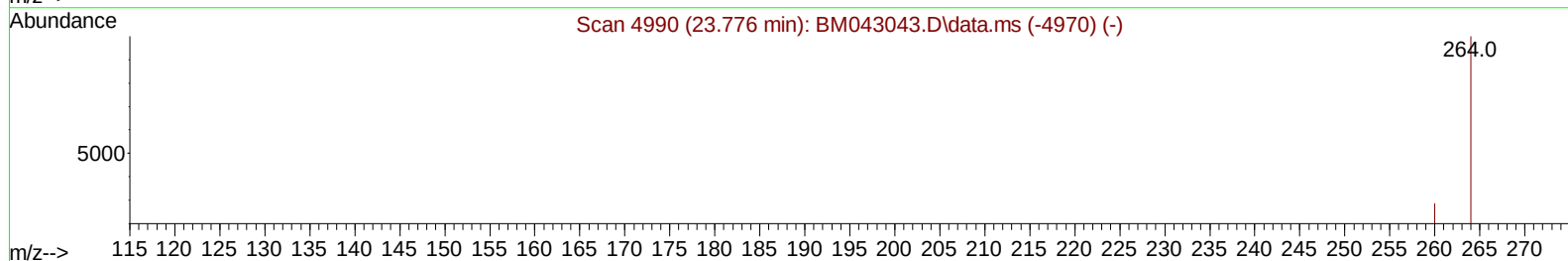
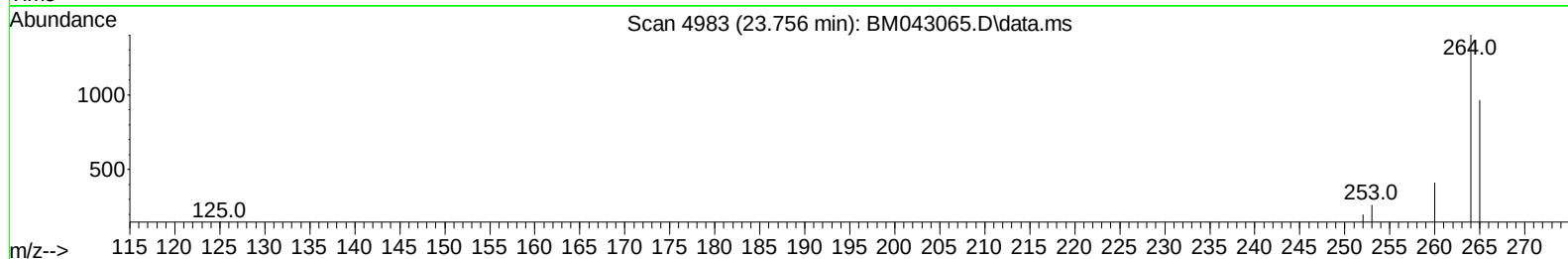
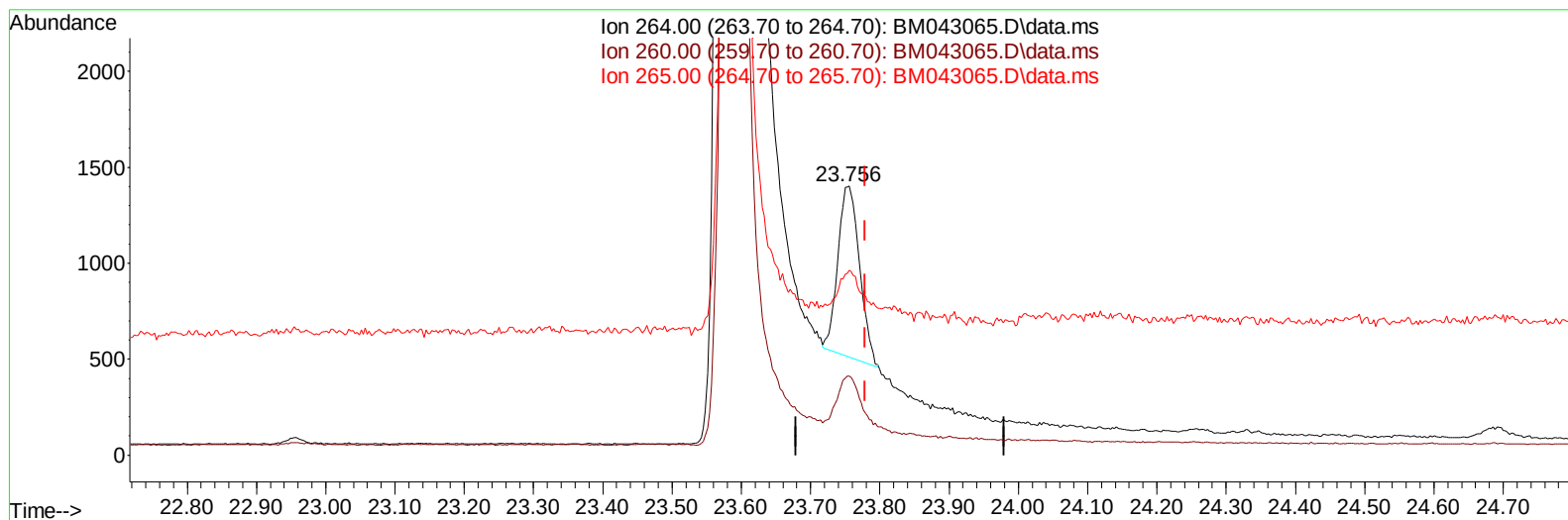
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 Operator : MA/JU
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH5

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TIC: BM043065.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/ul m

response 1930

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.39
265.00	120.30	68.69#
0.00	0.00	0.00

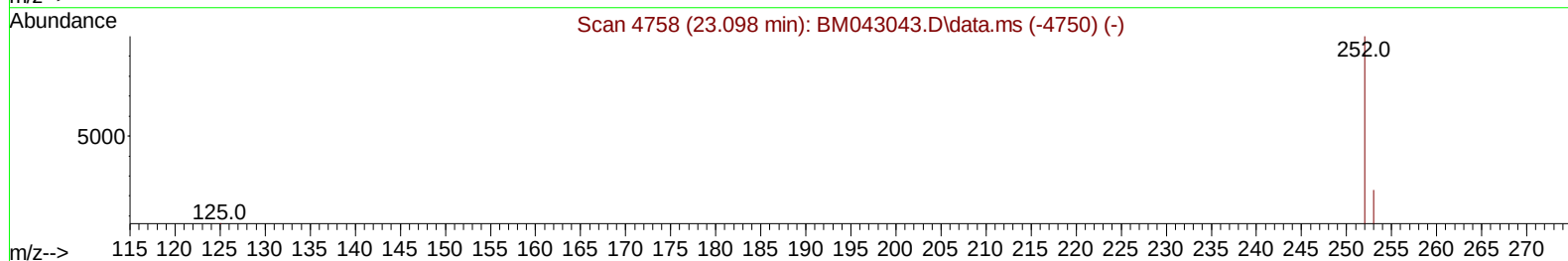
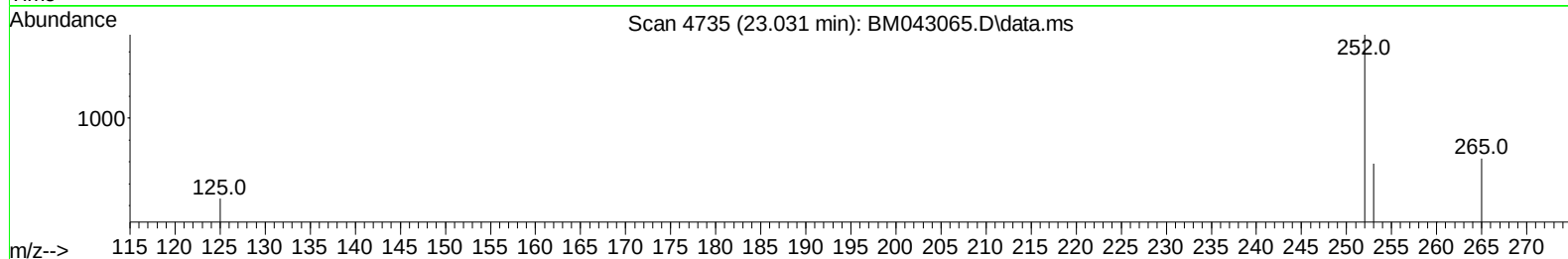
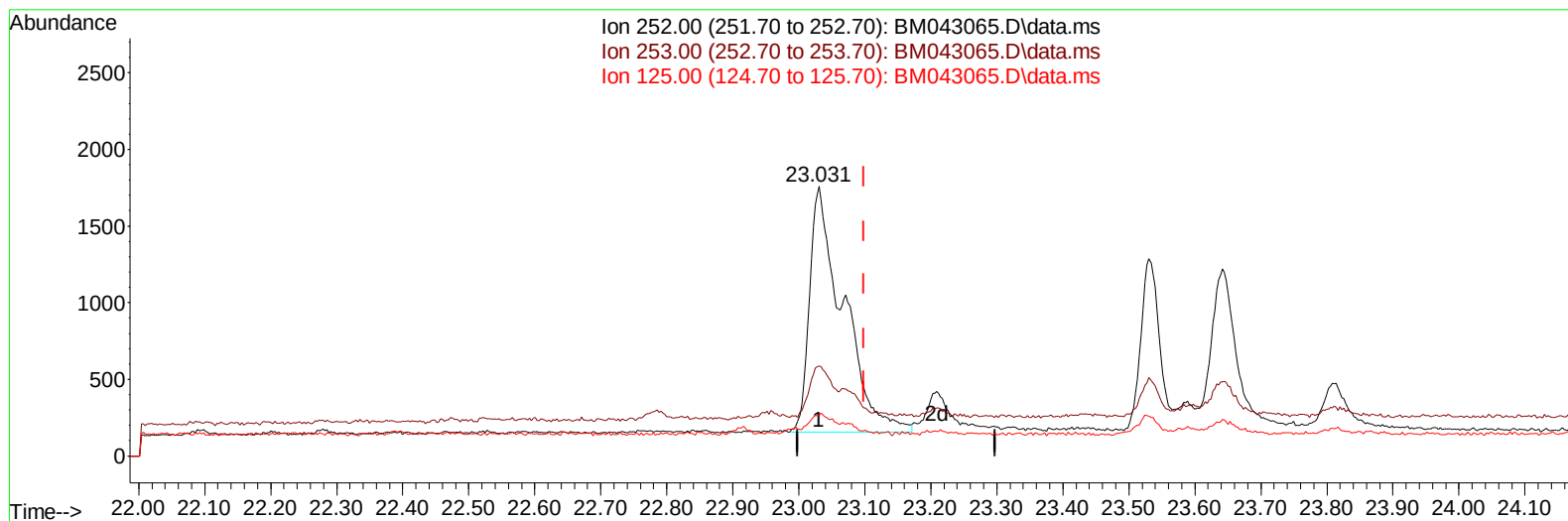
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TIC: BM043065.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.068) 0.30 ng/u1

response 5668

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	33.39
125.00	13.80	15.07
0.00	0.00	0.00

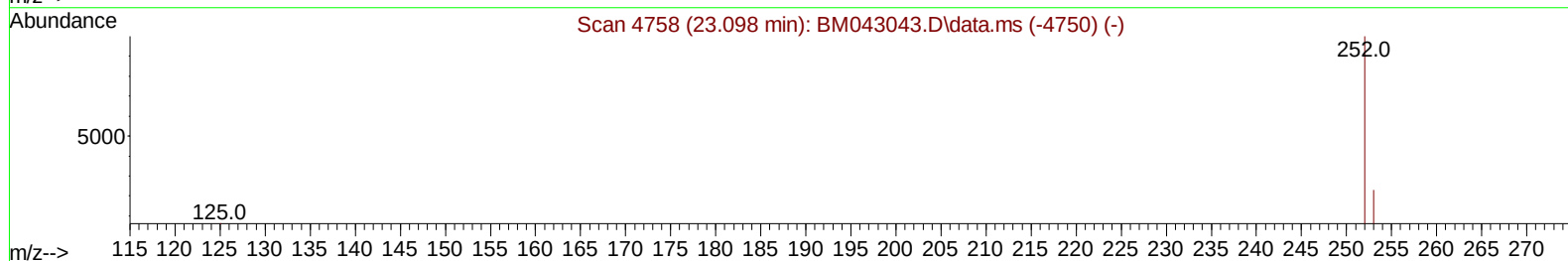
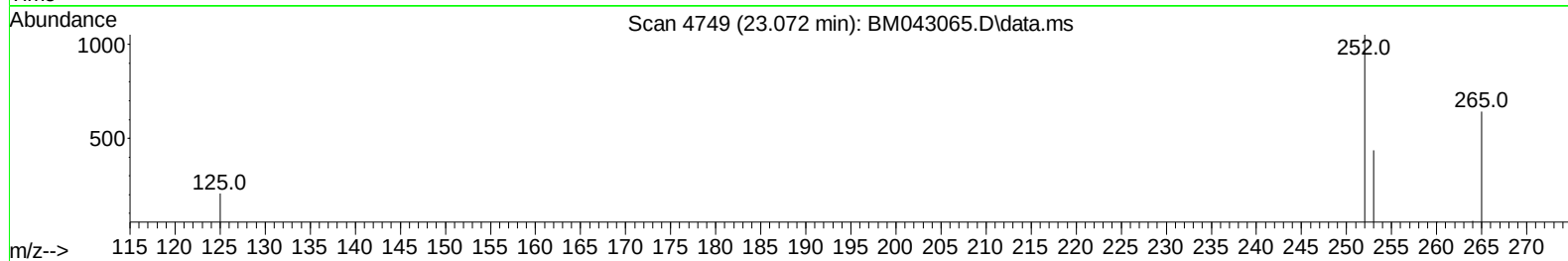
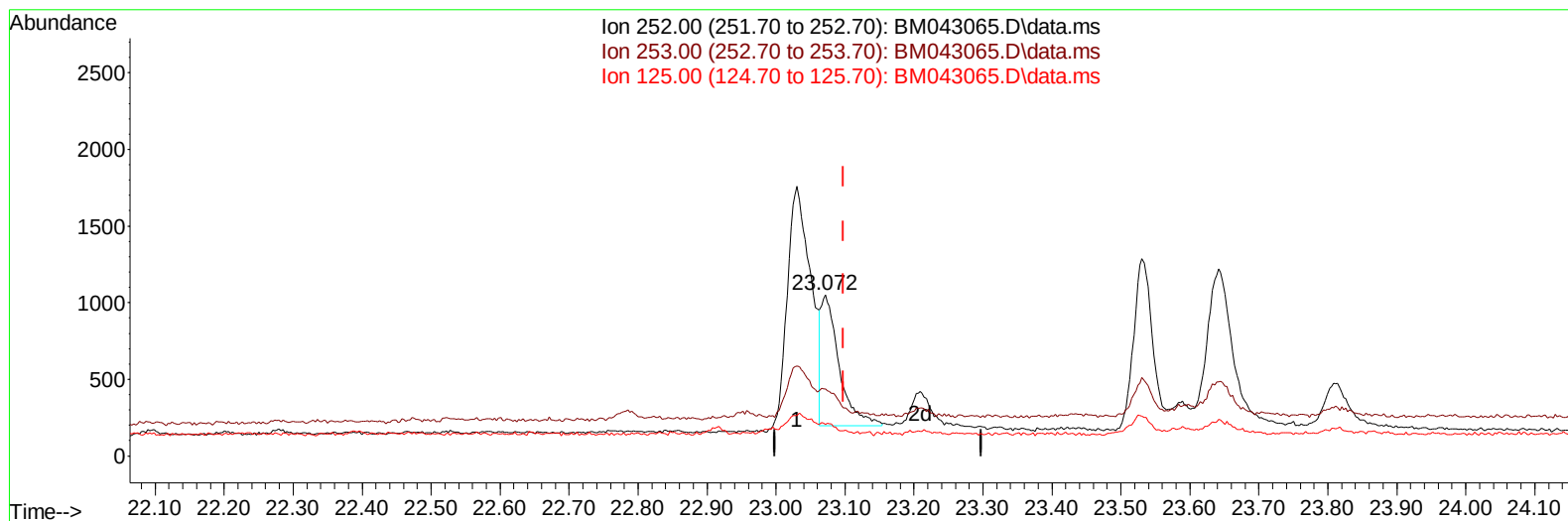
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TIC: BM043065.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (-0.027) 0.17 ng/ul m

response 1539

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	41.54
125.00	13.80	19.39#
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	946m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2899	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	1763m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	3759	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.406	240	2642	0.400	ng/ul	#-0.02
23) Perylene-d12	23.756	264	1930m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1589	1.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	325	0.084	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	950	0.099	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.662	128	770	0.098	ng/ul	93
7) 2-Methylnaphthalene	12.306	142	295	0.063	ng/ul	91
8) 1-Methylnaphthalene	12.509	142	236	0.046	ng/ul	96
10) Acenaphthylene	14.178	152	415	0.046	ng/ul#	72
12) Fluorene	15.511	166	188	0.027	ng/ul#	88
15) Phenanthrene	17.251	178	2650	0.247	ng/ul	98
16) Anthracene	17.344	178	683m	0.067	ng/ul	
19) Fluoranthene	19.272	202	6051	0.404	ng/ul#	94
20) Pyrene	19.634	202	7035	0.442	ng/ul	96
21) Benzo(a)anthracene	21.388	228	3322	0.388	ng/ul	98
22) Chrysene	21.444	228	3142	0.197	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	3854	0.592	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	1539m	0.172	ng/ul	
26) Benzo(a)pyrene	23.642	252	2580	0.363	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.218	276	1699	0.177	ng/ul#	100
29) Benzo(g,h,i)perylene	26.979	276	1713	0.183	ng/ul#	89

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

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