

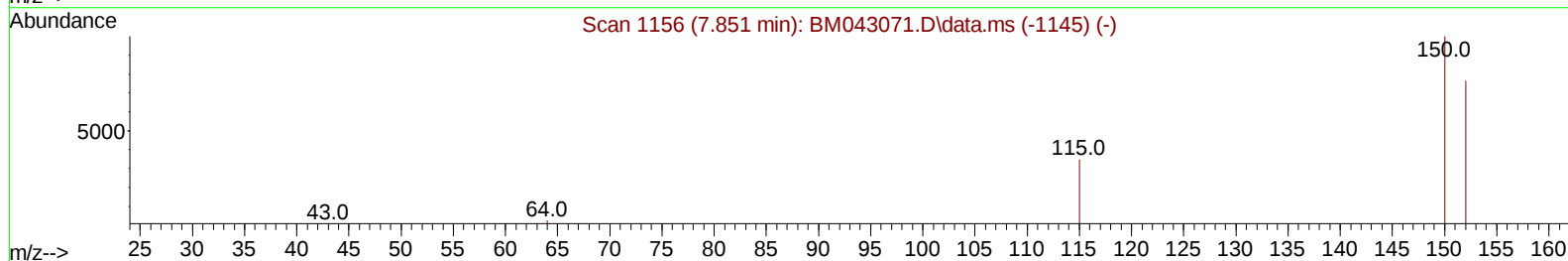
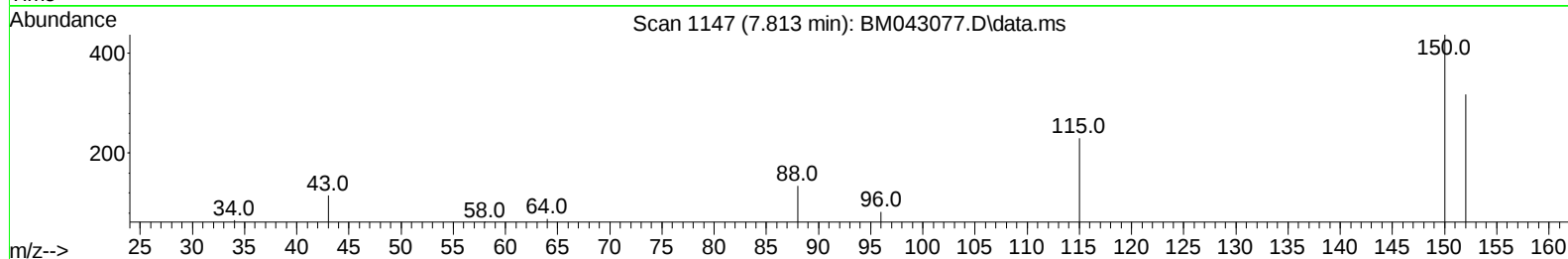
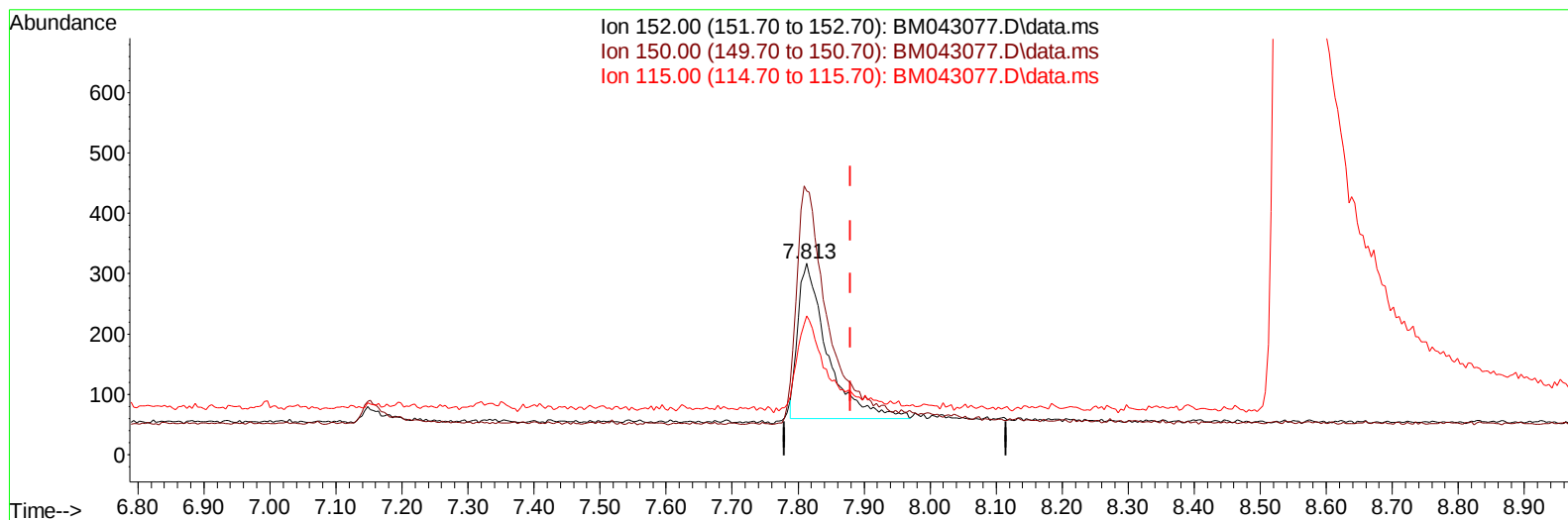
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043077.D
Acq On : 28 Nov 2023 18:21
Operator : MA/JU
Sample : 05416-23DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 28 23:39:13 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: BM043077.D\data.ms

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

7.813min (-0.067) 0.40 ng/u1

response 801

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	137.85
115.00	89.60	72.56
0.00	0.00	0.00

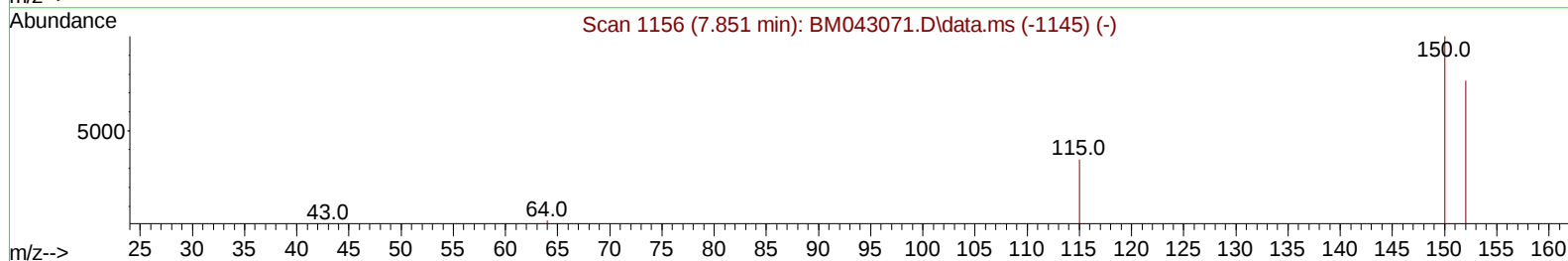
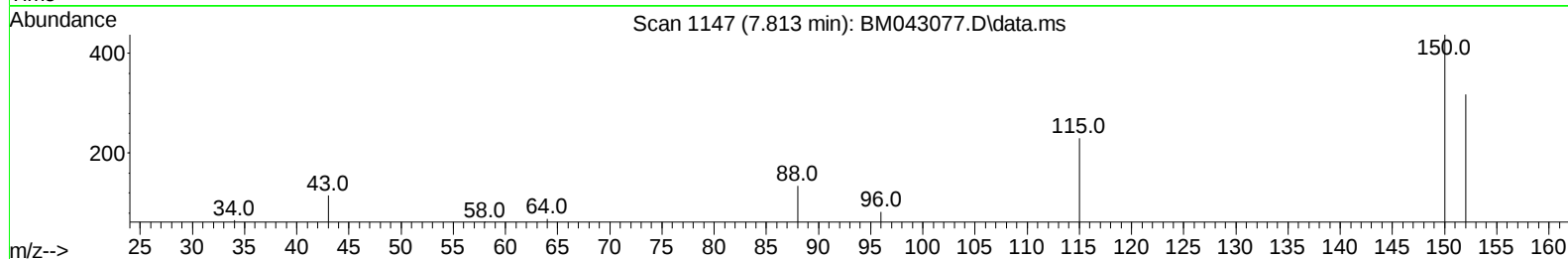
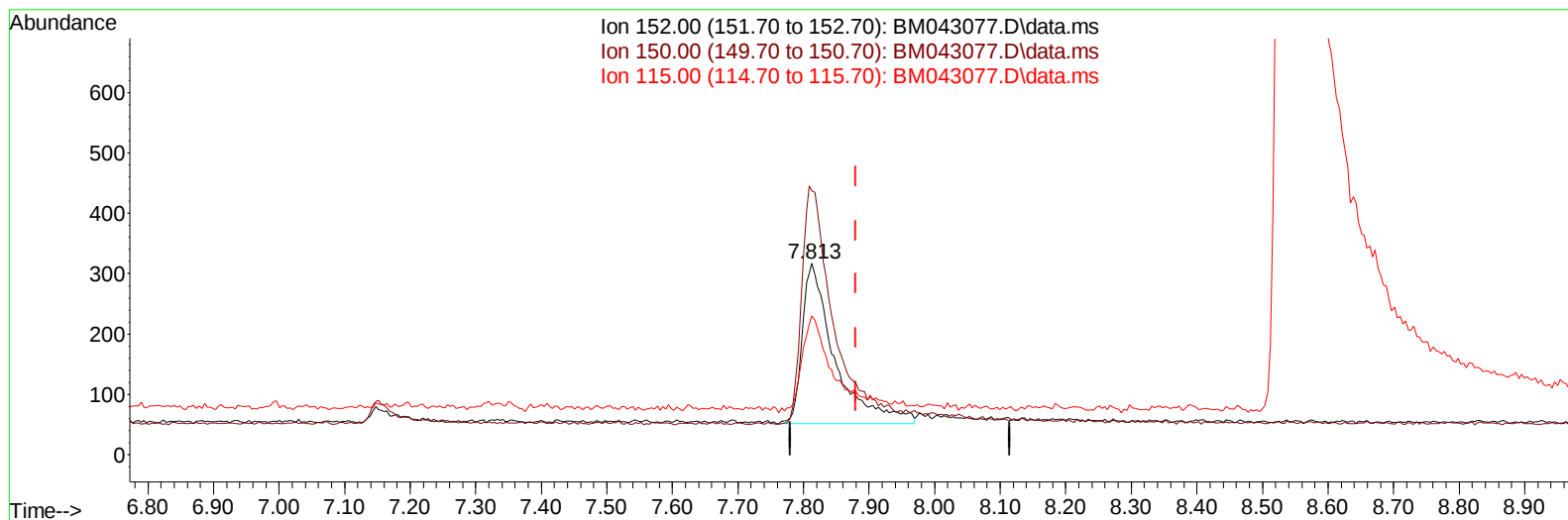
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Instrument :
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TIC: BM043077.D\data.ms

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

7.813min (-0.067) 0.40 ng/ul m

response 906

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	137.85
115.00	89.60	72.56
0.00	0.00	0.00

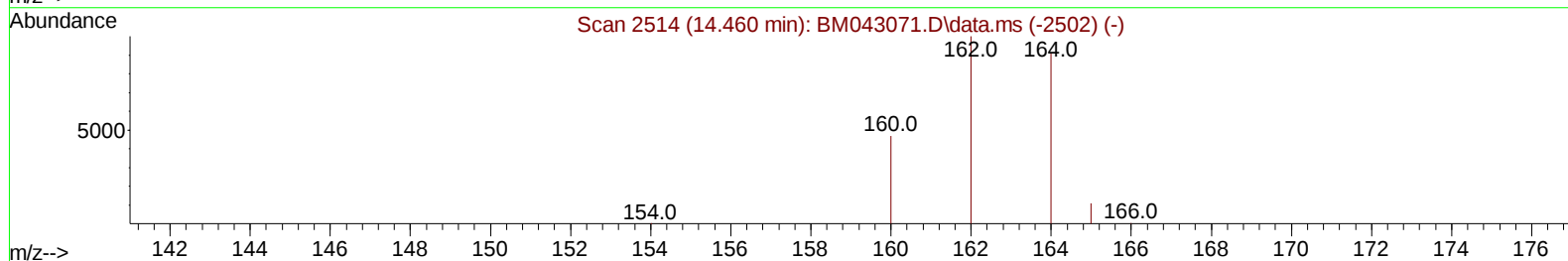
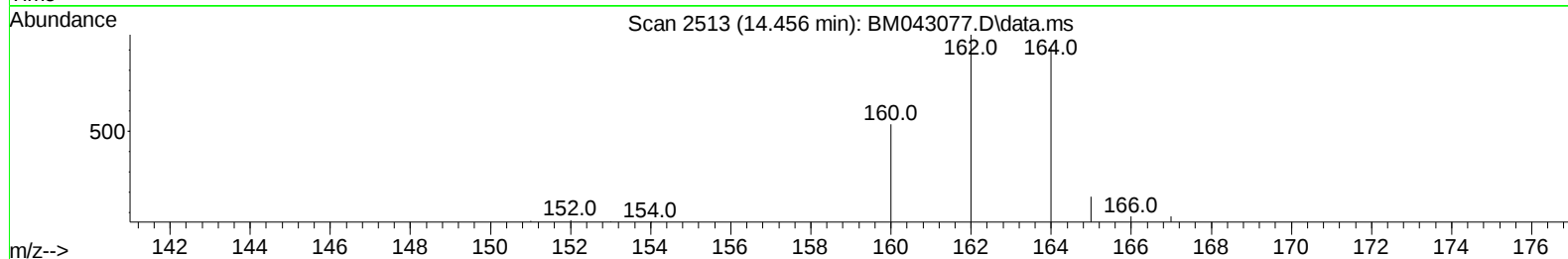
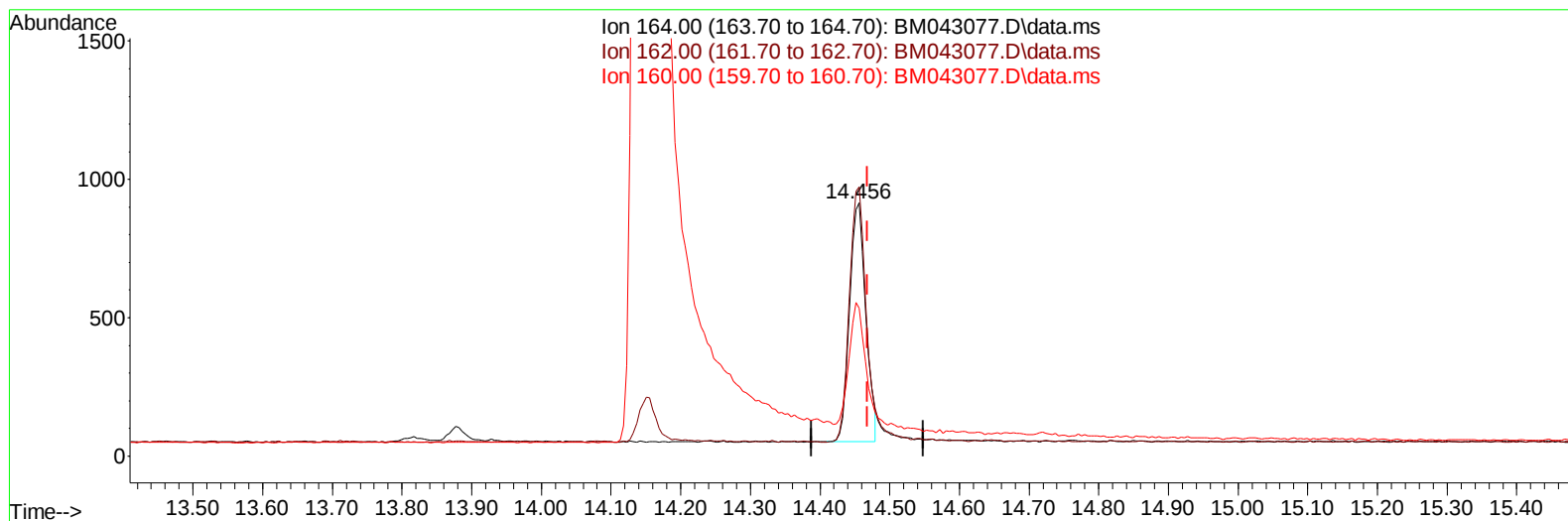
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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Operator : MA/JU
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: BM043077.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.012) 0.40 ng/u1

response 1382

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.45
160.00	57.20	58.36
0.00	0.00	0.00

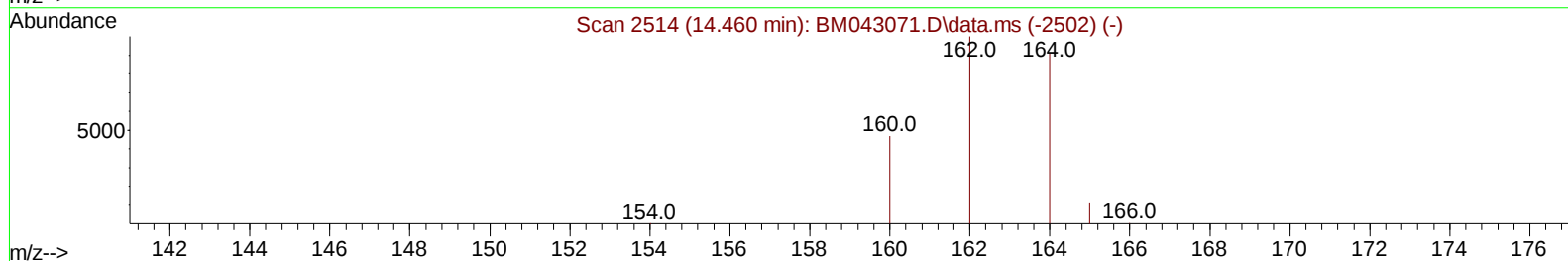
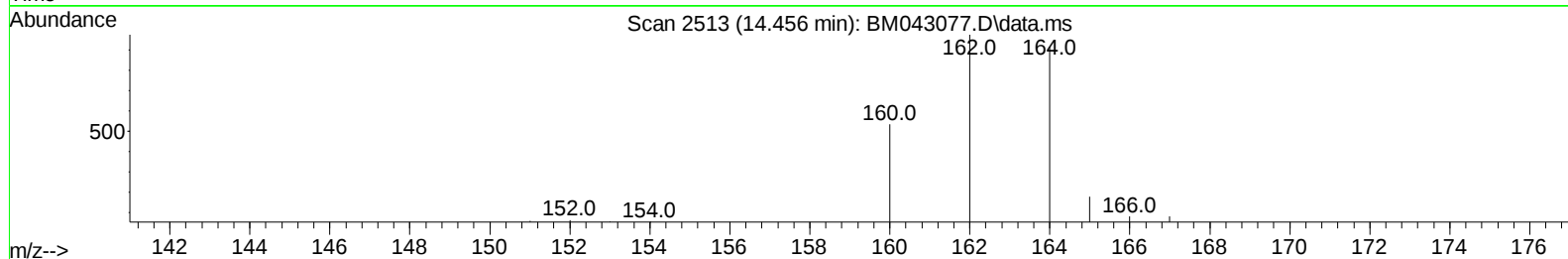
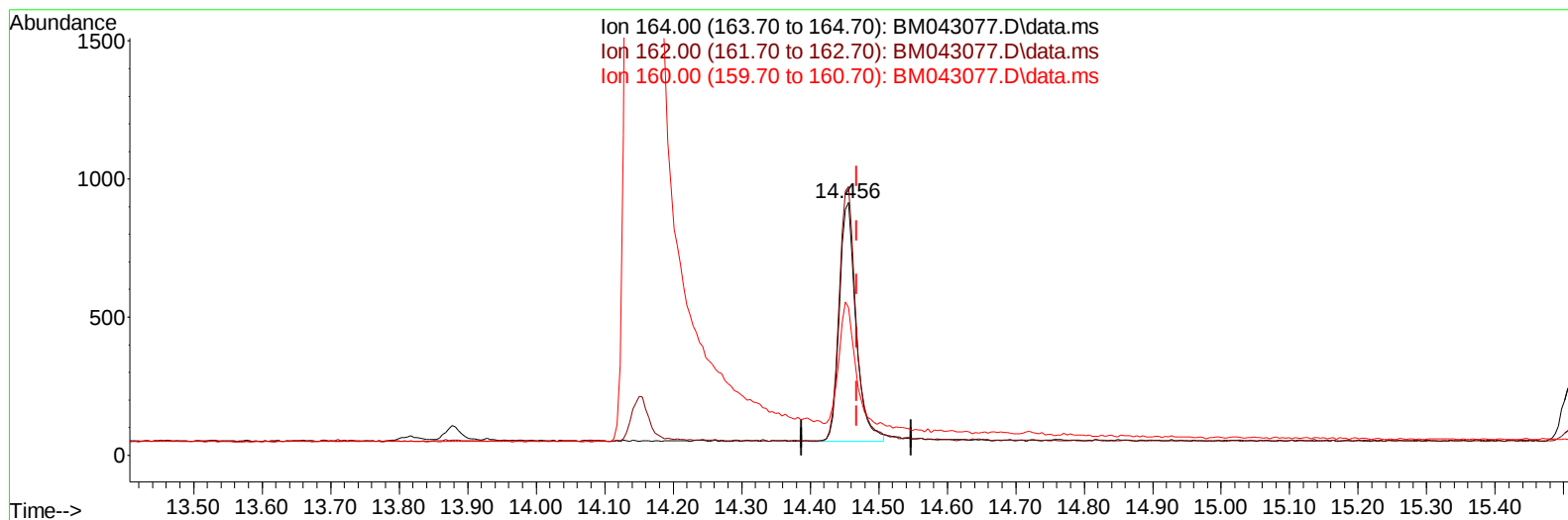
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043077.D
Acq On : 28 Nov 2023 18:21
Operator : MA/JU
Sample : 05416-23DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH6DL

Manual IntegrationsAPPROVED

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TIC: BM043077.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.012) 0.40 ng/u1 m

response 1470

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.45
160.00	57.20	58.36
0.00	0.00	0.00

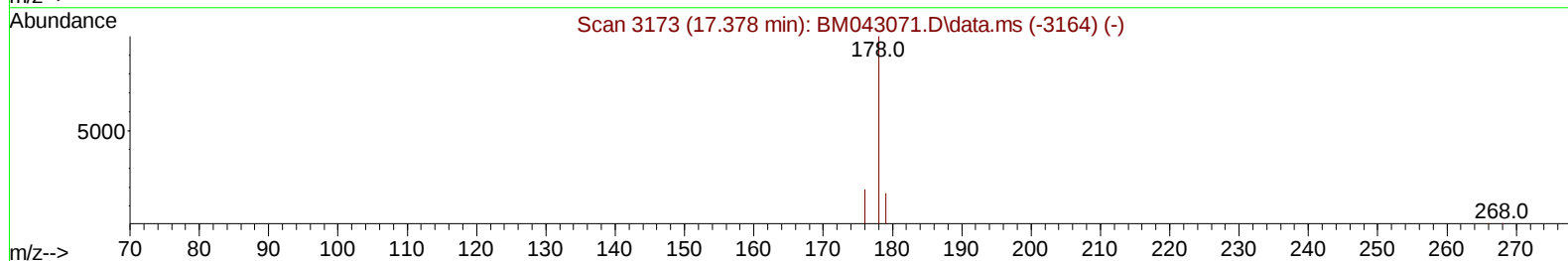
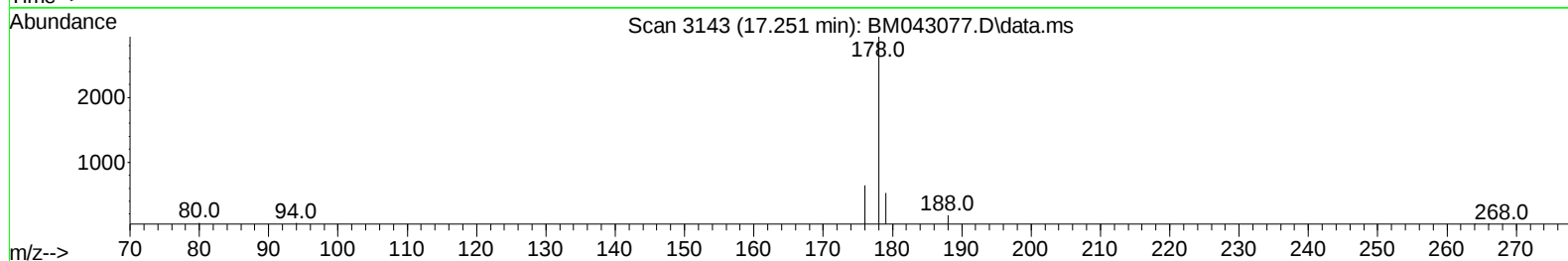
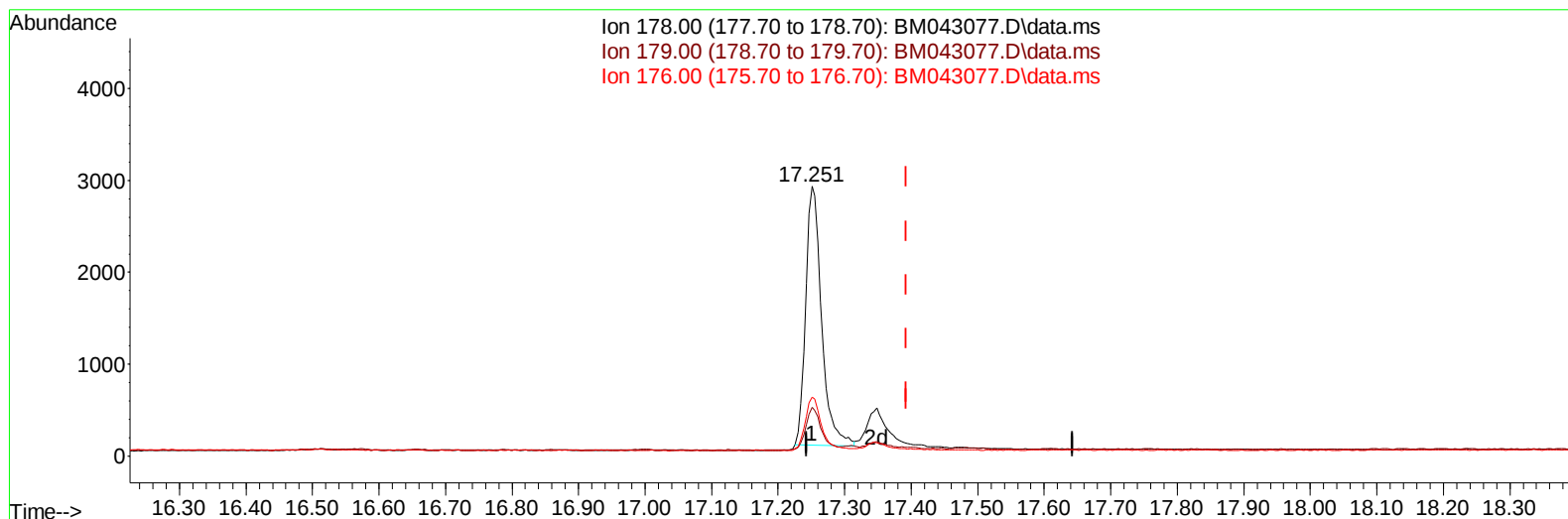
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TIC: BM043077.D\data.ms

(16) Anthracene

17.251min (-0.142) 0.58 ng/u1

response 4655

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.00
176.00	25.60	21.88
0.00	0.00	0.00

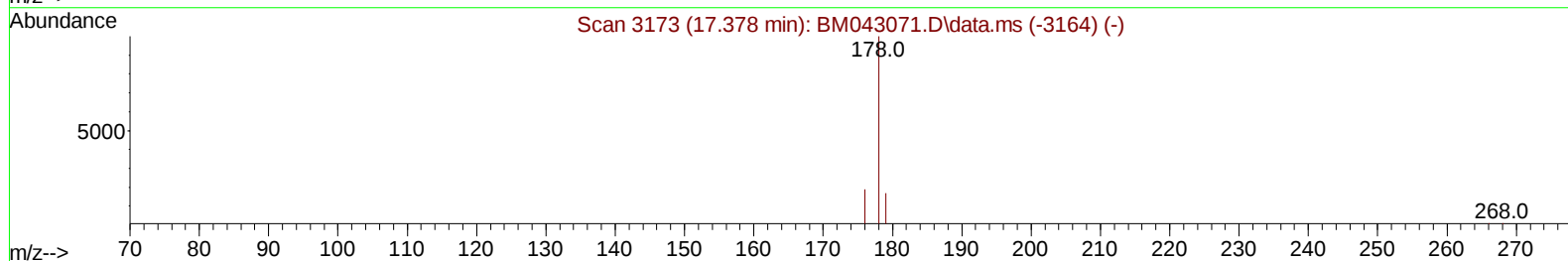
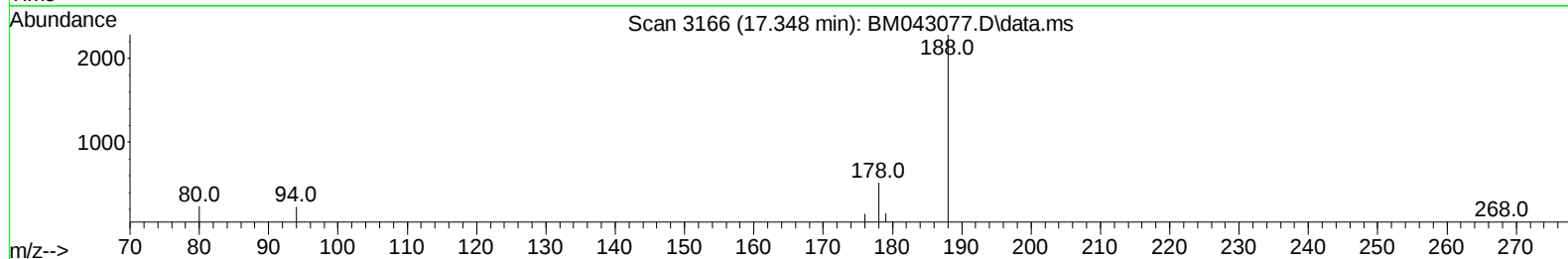
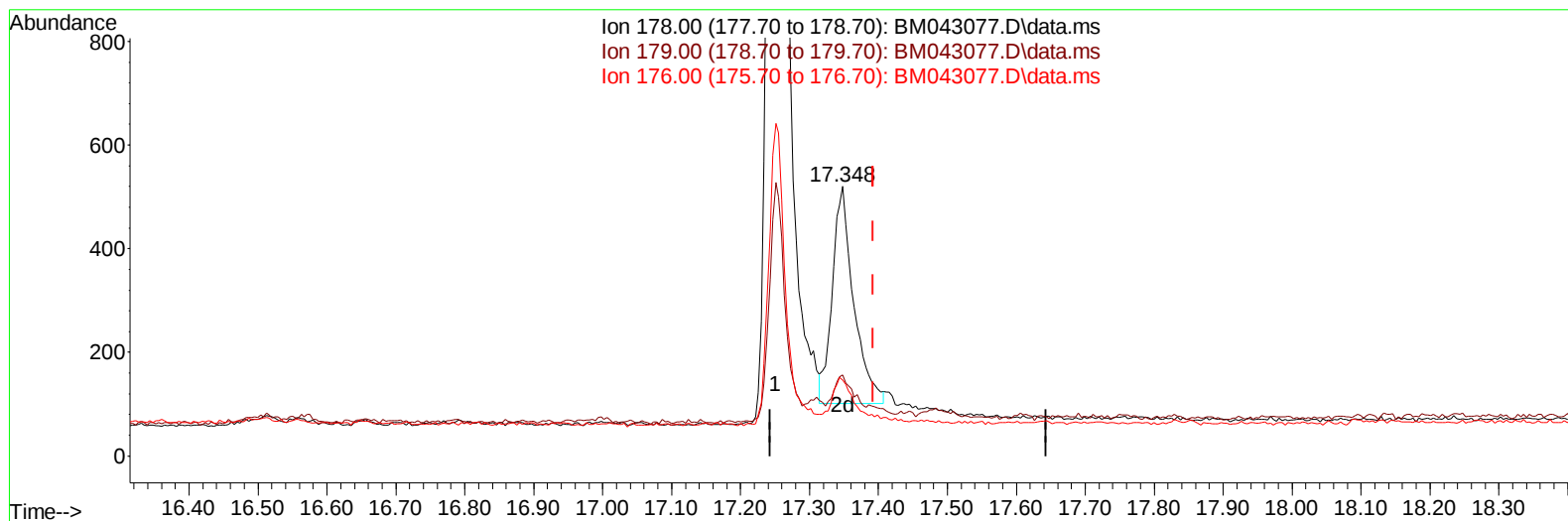
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043077.D
 Acq On : 28 Nov 2023 18:21
 Operator : MA/JU
 Sample : 05416-23DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6DL

Manual IntegrationsAPPROVED

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TIC: BM043077.D\data.ms

(16) Anthracene

17.348min (-0.045) 0.11 ng/ul m

response 899

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	30.00#
176.00	25.60	28.08
0.00	0.00	0.00

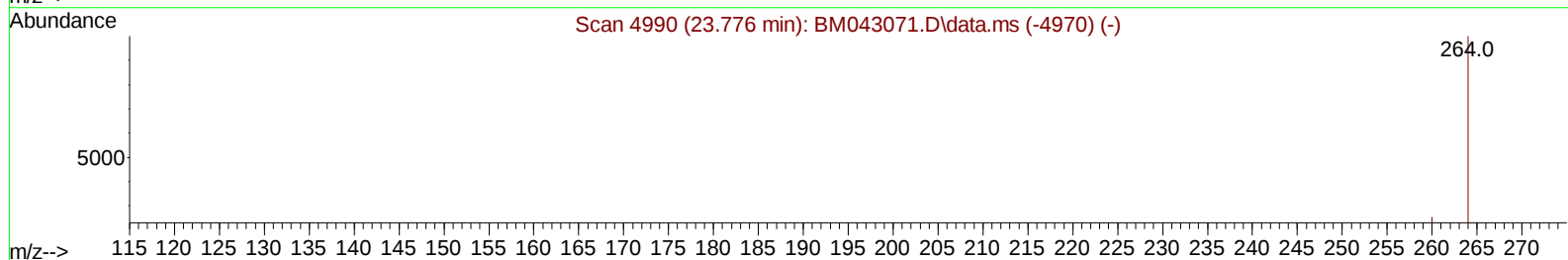
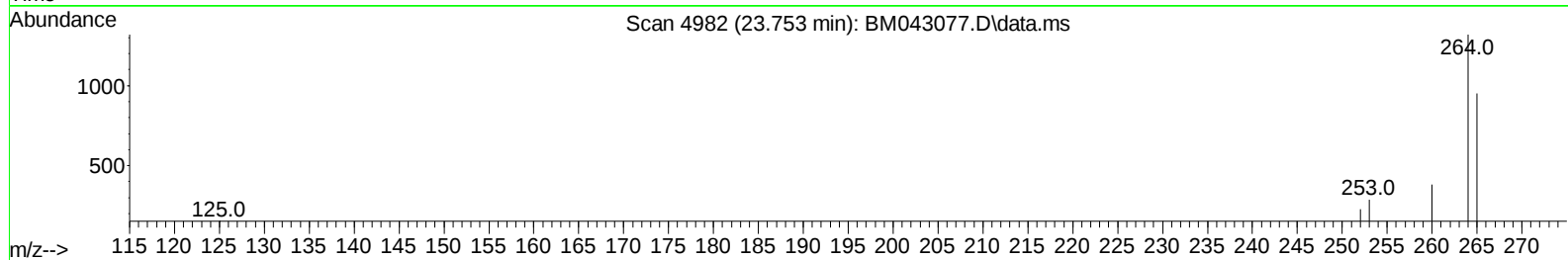
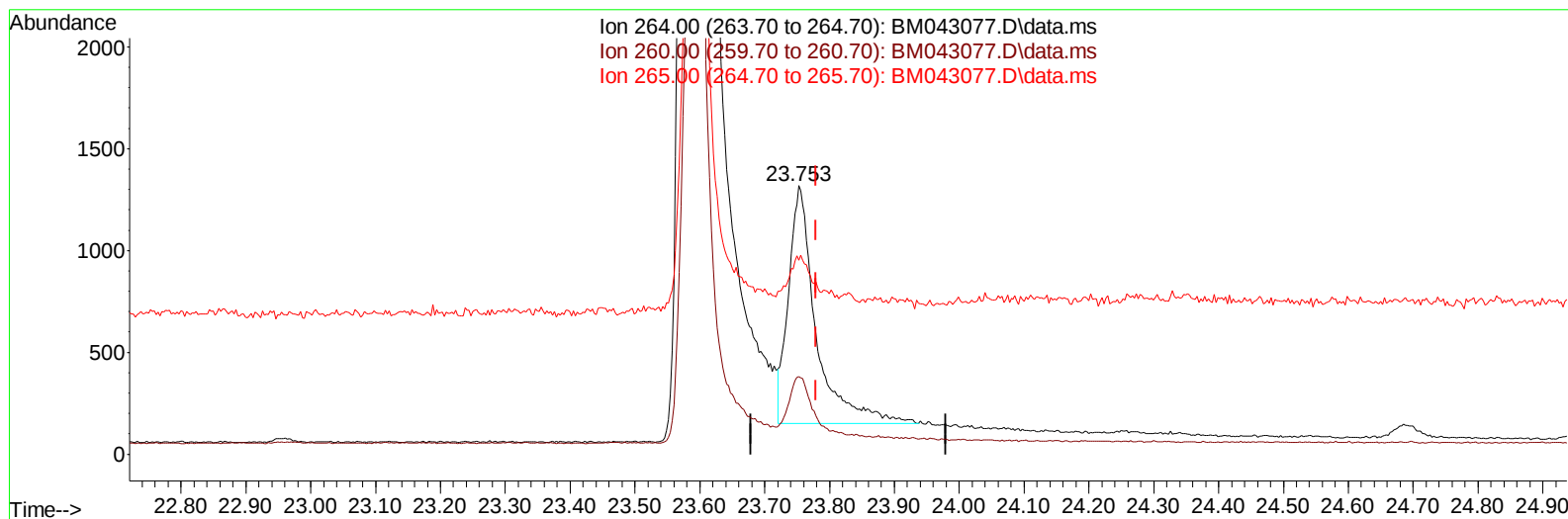
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
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TIC: BM043077.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/u1

response 3445

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.91
265.00	120.30	72.15#
0.00	0.00	0.00

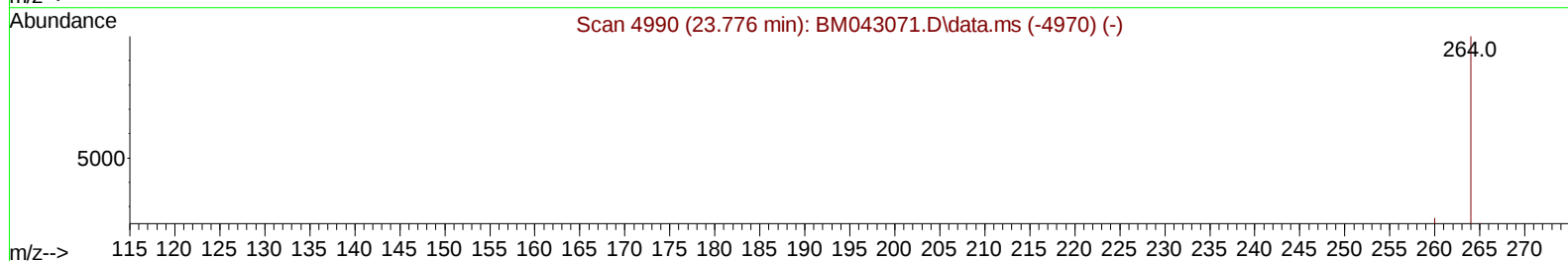
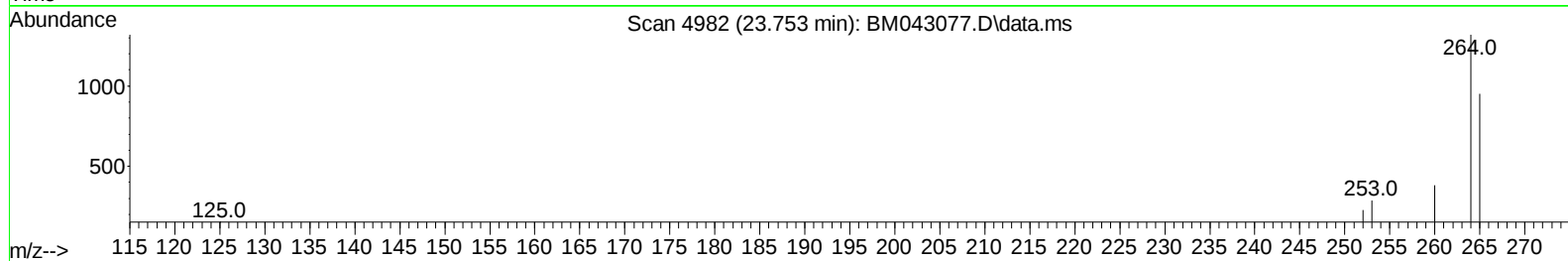
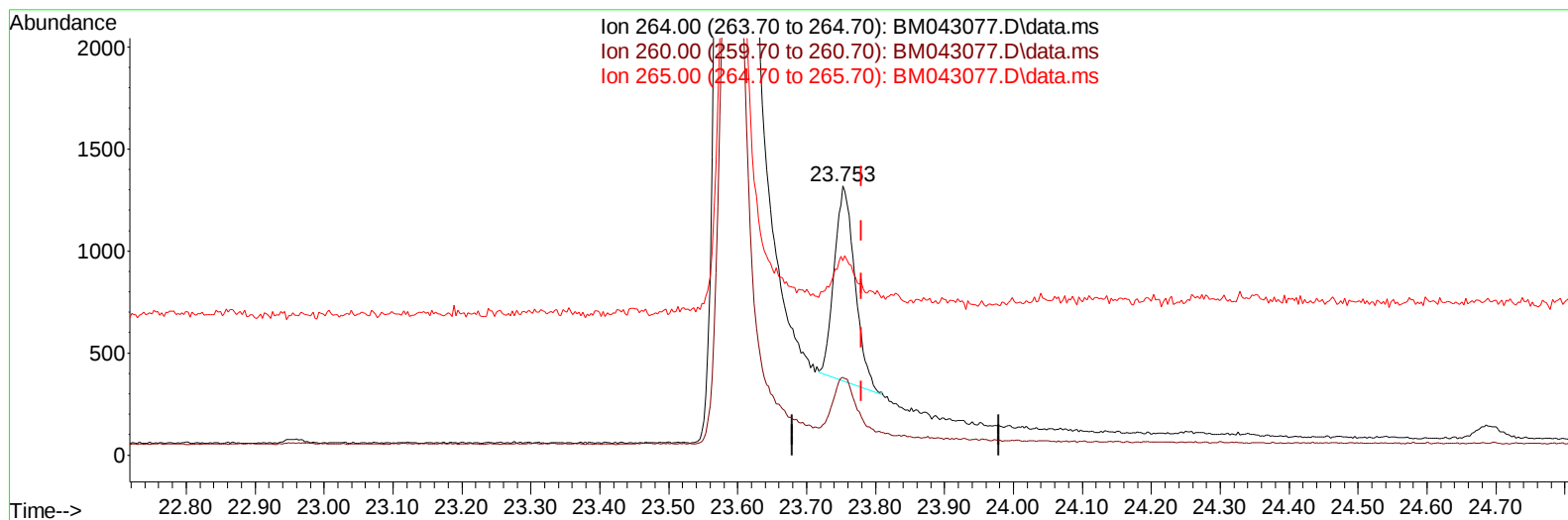
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6DL

Manual IntegrationsAPPROVED

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TIC: BM043077.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/ul m

response 1978

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.91
265.00	120.30	72.15#
0.00	0.00	0.00

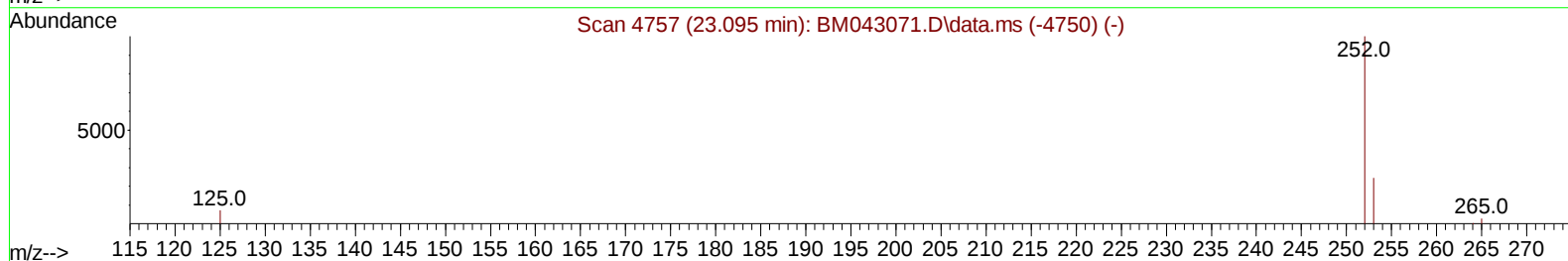
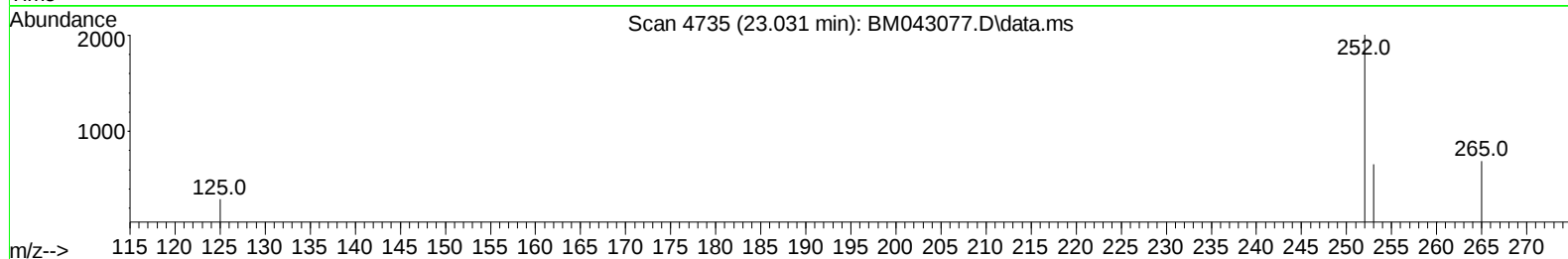
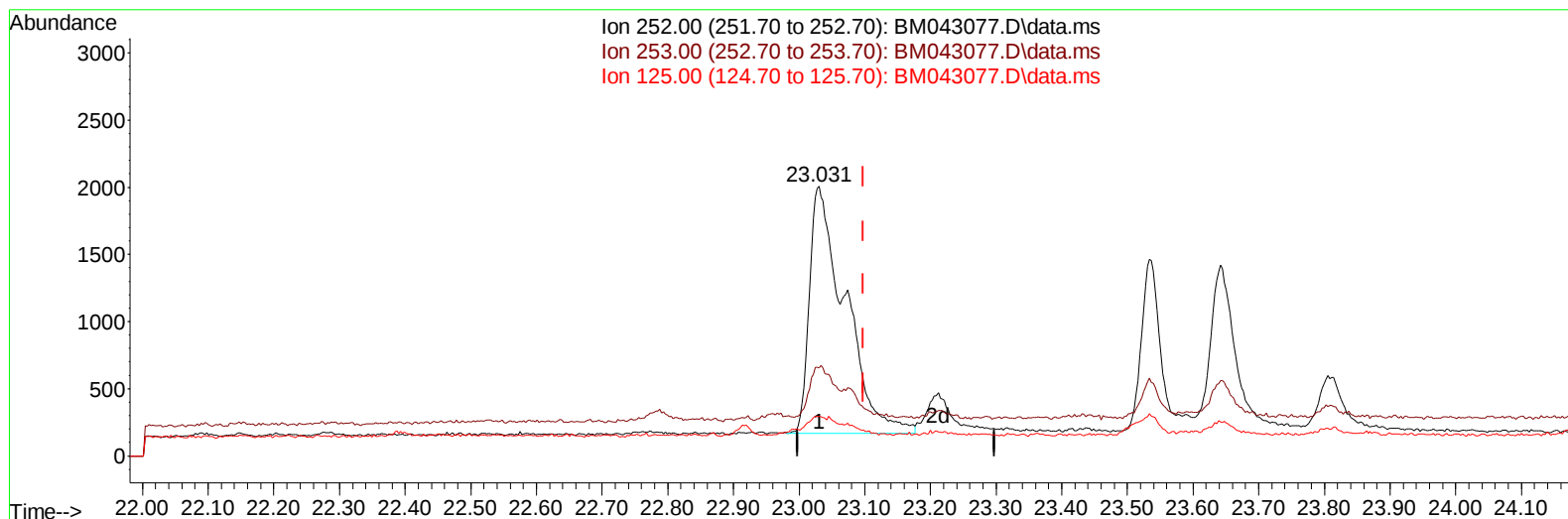
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TIC: BM043077.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.068) 0.75 ng/u1

response 6935

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	32.75
125.00	13.80	14.81
0.00	0.00	0.00

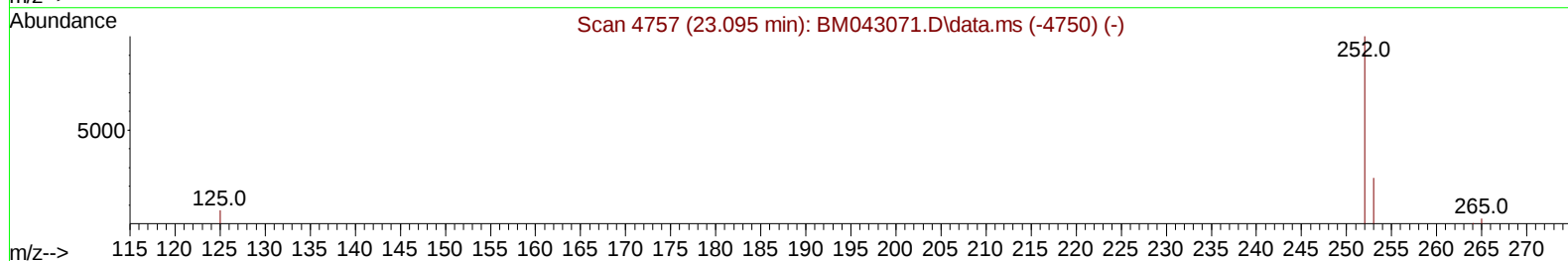
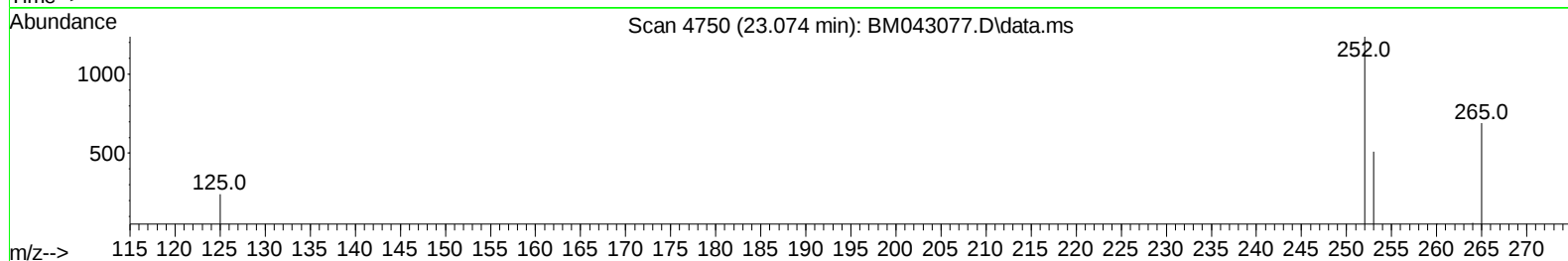
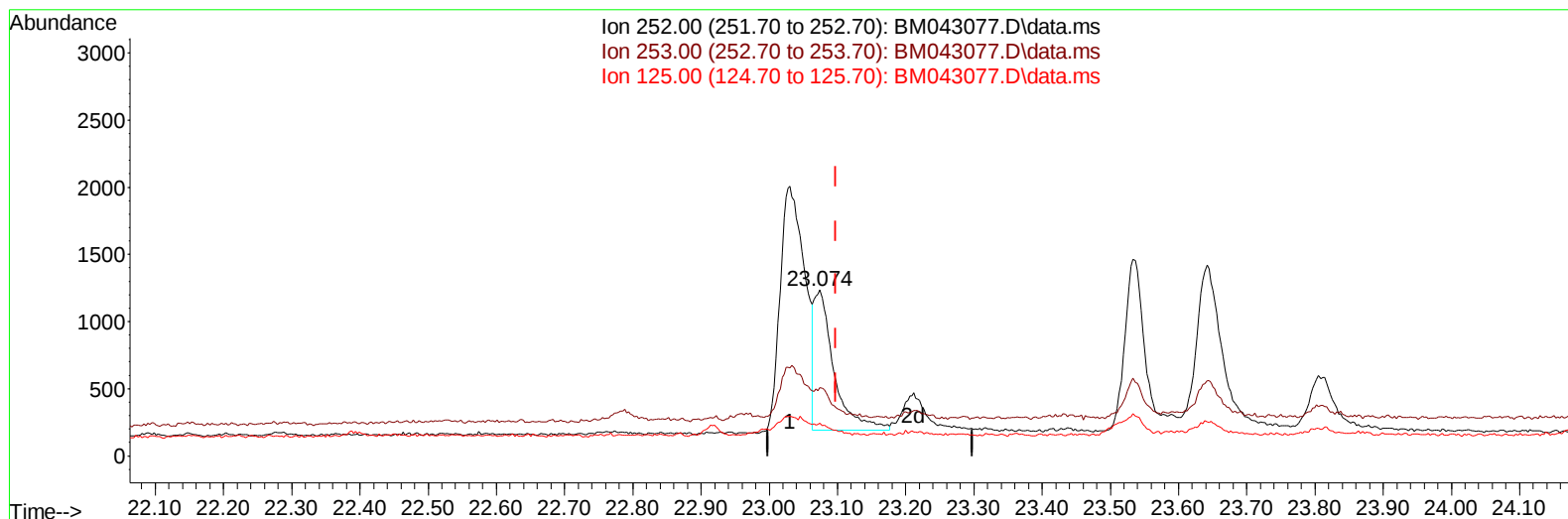
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TIC: BM043077.D\data.ms

(25) Benzo(k)fluoranthene

23.074min (-0.024) 0.23 ng/u1 m

response 2117

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	41.30
125.00	13.80	19.60#
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	7.813	152	906m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2883	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	1470m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	2959	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2125	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	1978m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1090	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	392	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	909	0.117	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.667	128	306	0.039	ng/ul#	54
7) 2-Methylnaphthalene	12.311	142	245	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	174	0.034	ng/ul	95
10) Acenaphthylene	14.183	152	273	0.036	ng/ul#	55
11) Acenaphthene	14.516	153	2680	0.471	ng/ul	96
12) Fluorene	15.511	166	2773	0.475	ng/ul	98
15) Phenanthrene	17.251	178	4970	0.589	ng/ul	96
16) Anthracene	17.348	178	899m	0.112	ng/ul	
19) Fluoranthene	19.272	202	11033	0.916	ng/ul#	93
20) Pyrene	19.634	202	9725	0.759	ng/ul#	94
21) Benzo(a)anthracene	21.388	228	3642	0.528	ng/ul	98
22) Chrysene	21.444	228	3726	0.290	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	4647	0.696	ng/ul	96
25) Benzo(k)fluoranthene	23.074	252	2117m	0.230	ng/ul	
26) Benzo(a)pyrene	23.642	252	3001	0.412	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.215	276	2449	0.248	ng/ul#	99
29) Benzo(g,h,i)perylene	26.976	276	2272	0.237	ng/ul	93

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

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