

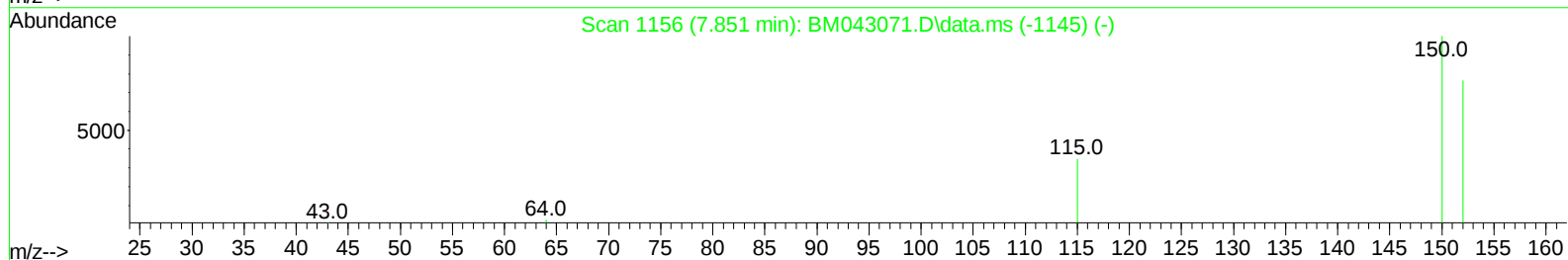
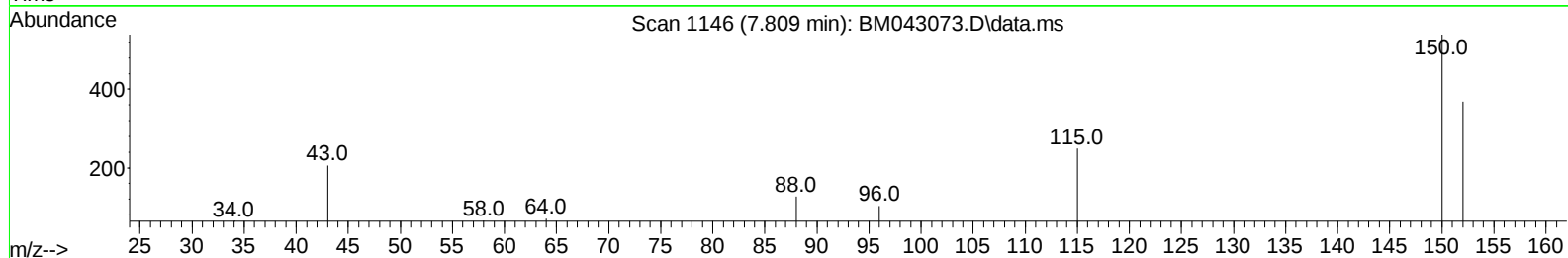
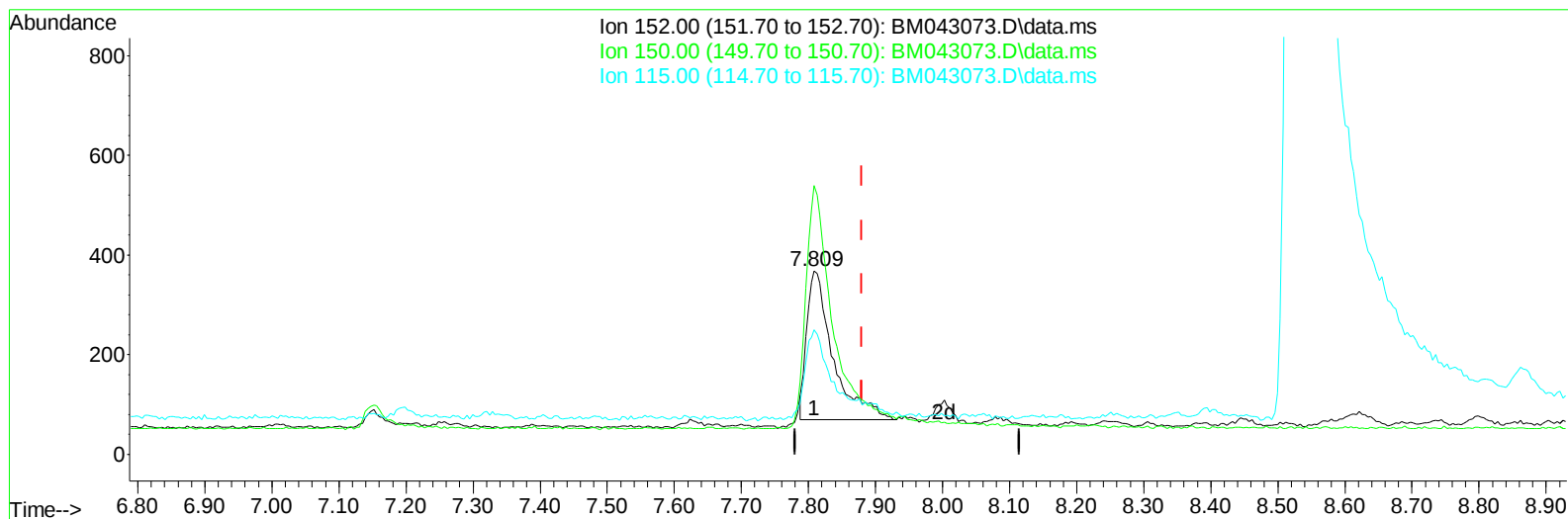
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043073.D
Acq On : 28 Nov 2023 15:55
Operator : MA/JU
Sample : 05261-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKT5

Manual IntegrationsAPPROVED

Quant Time: Nov 28 16:41:57 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: BM043073.D\data.ms

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

7.809min (-0.071) 0.40 ng/u1

response 813

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	146.47
115.00	89.60	67.66#
0.00	0.00	0.00

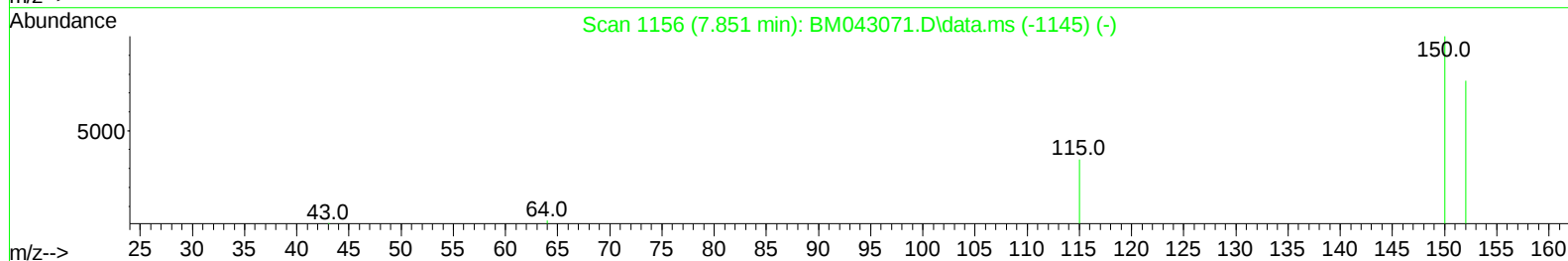
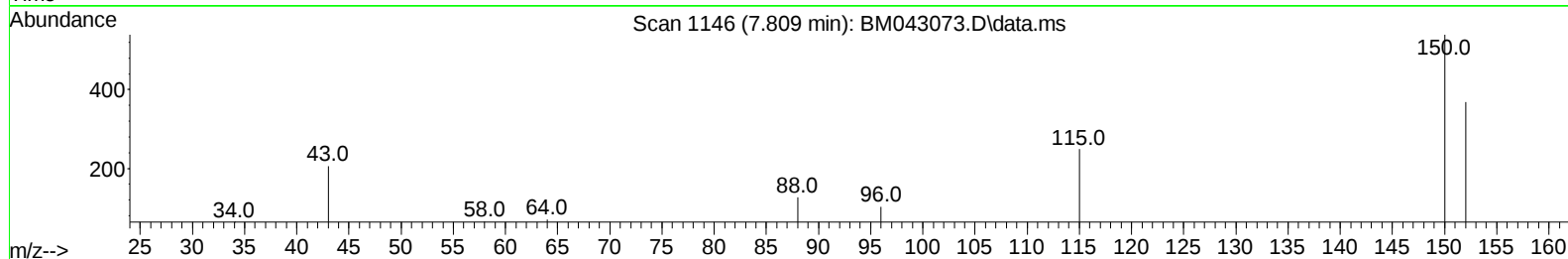
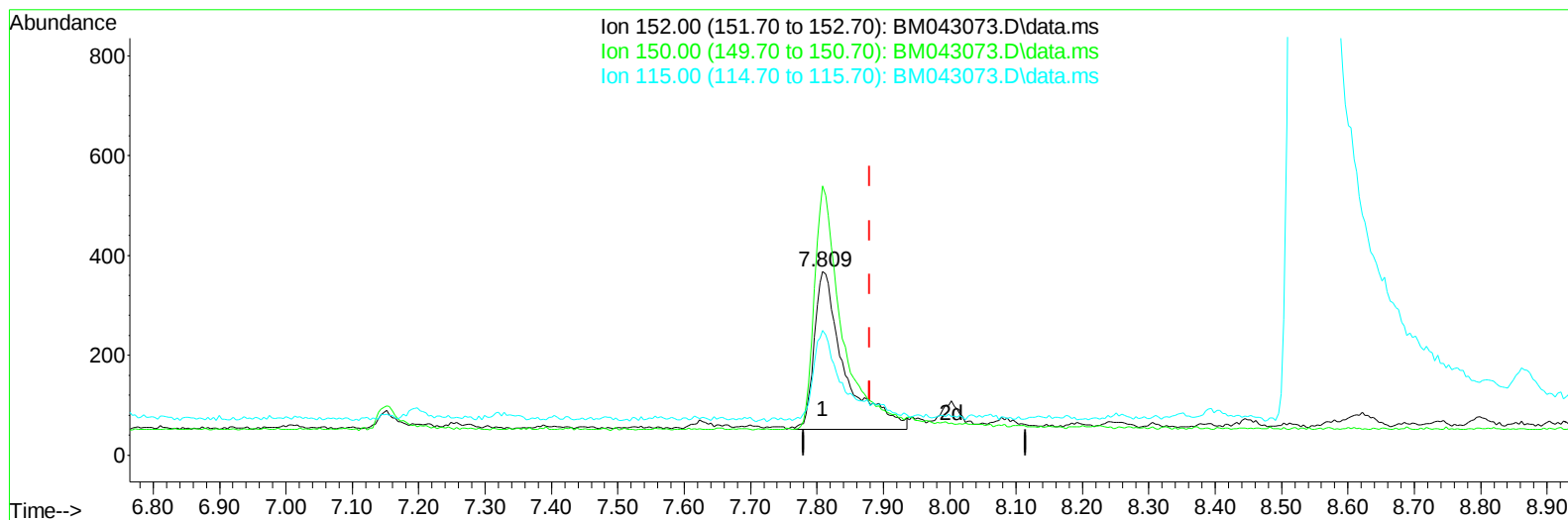
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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Instrument :
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TIC: BM043073.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 1005

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	146.47
115.00	89.60	67.66#
0.00	0.00	0.00

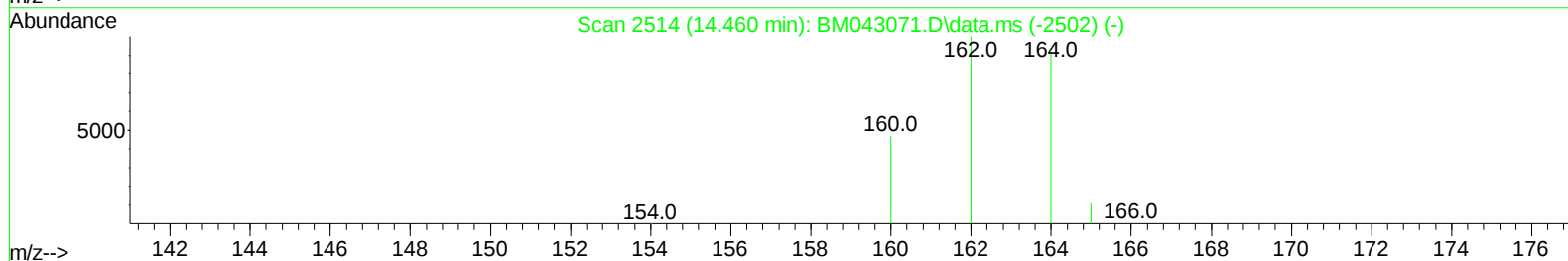
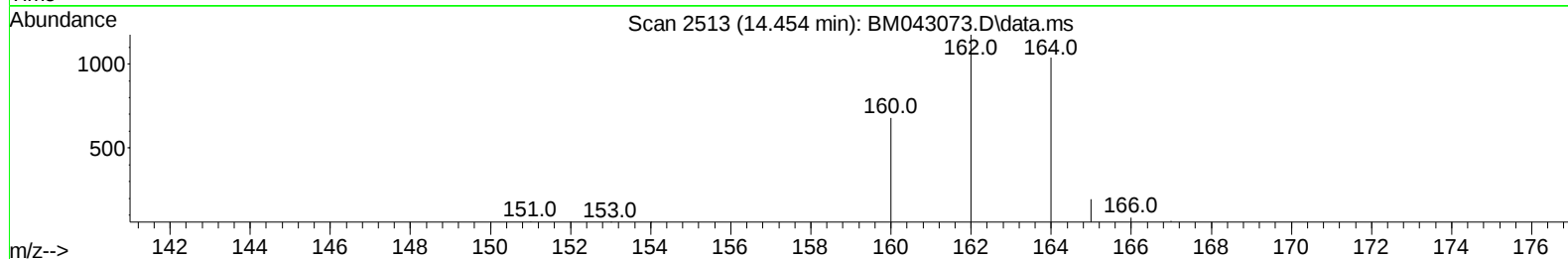
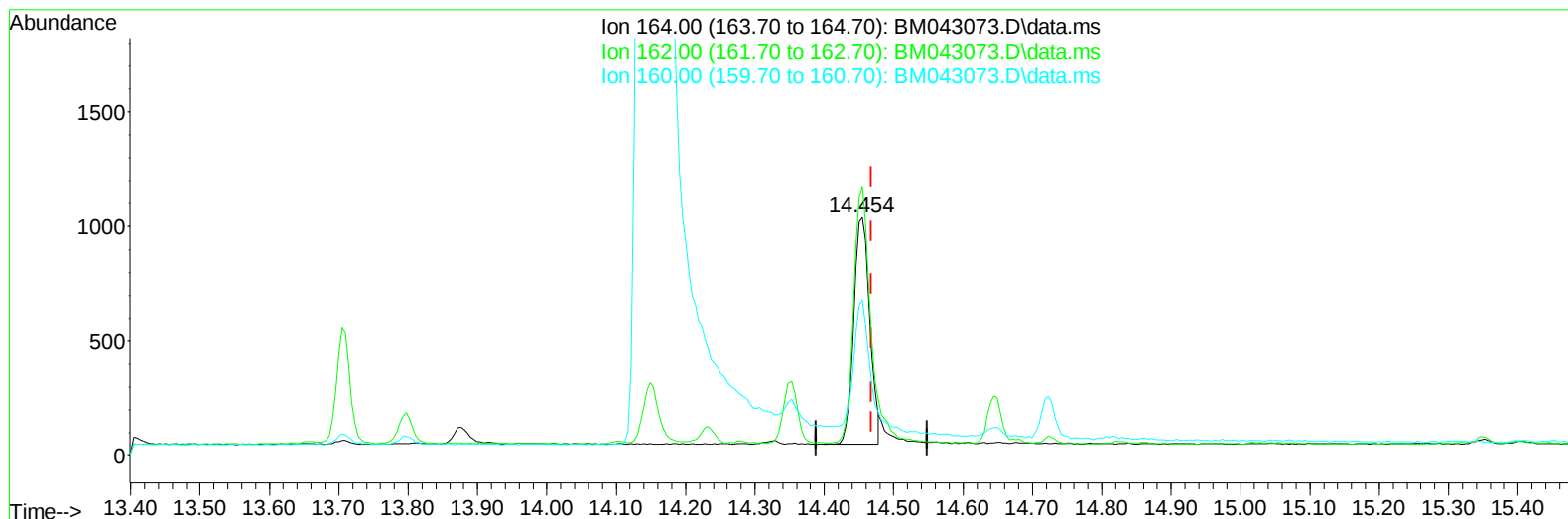
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043073.D
Acq On : 28 Nov 2023 15:55
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BM043073.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/u1

response 1601

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	112.98
160.00	57.20	65.29
0.00	0.00	0.00

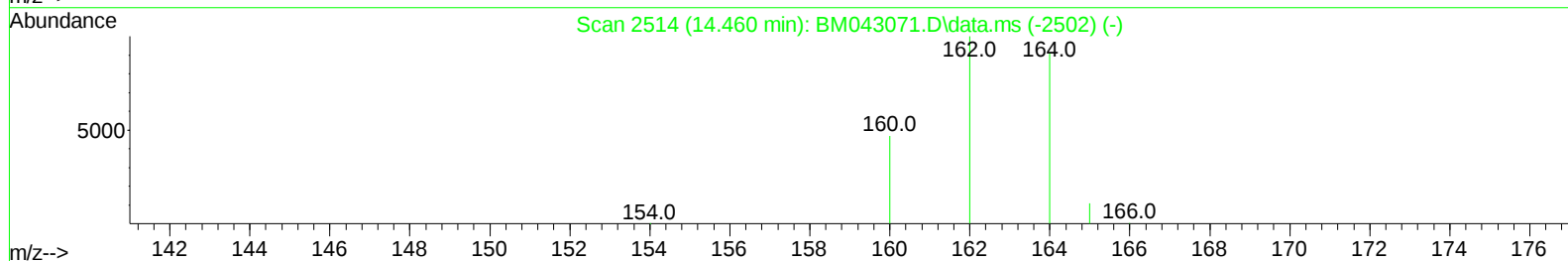
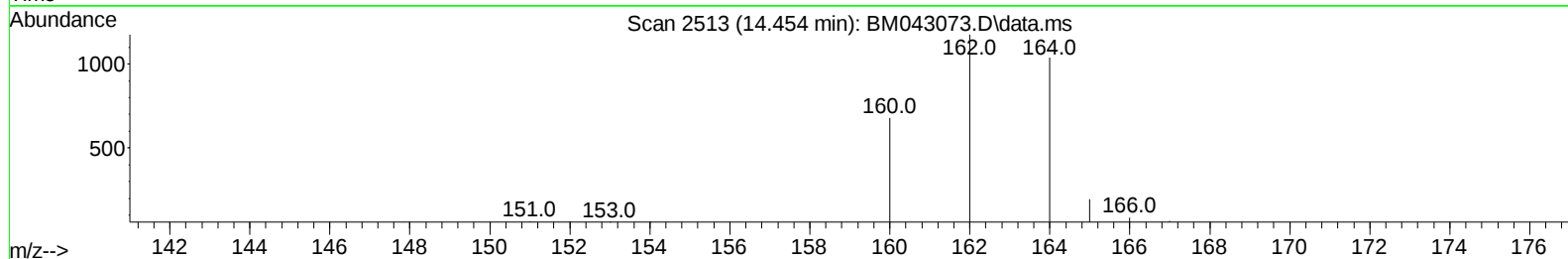
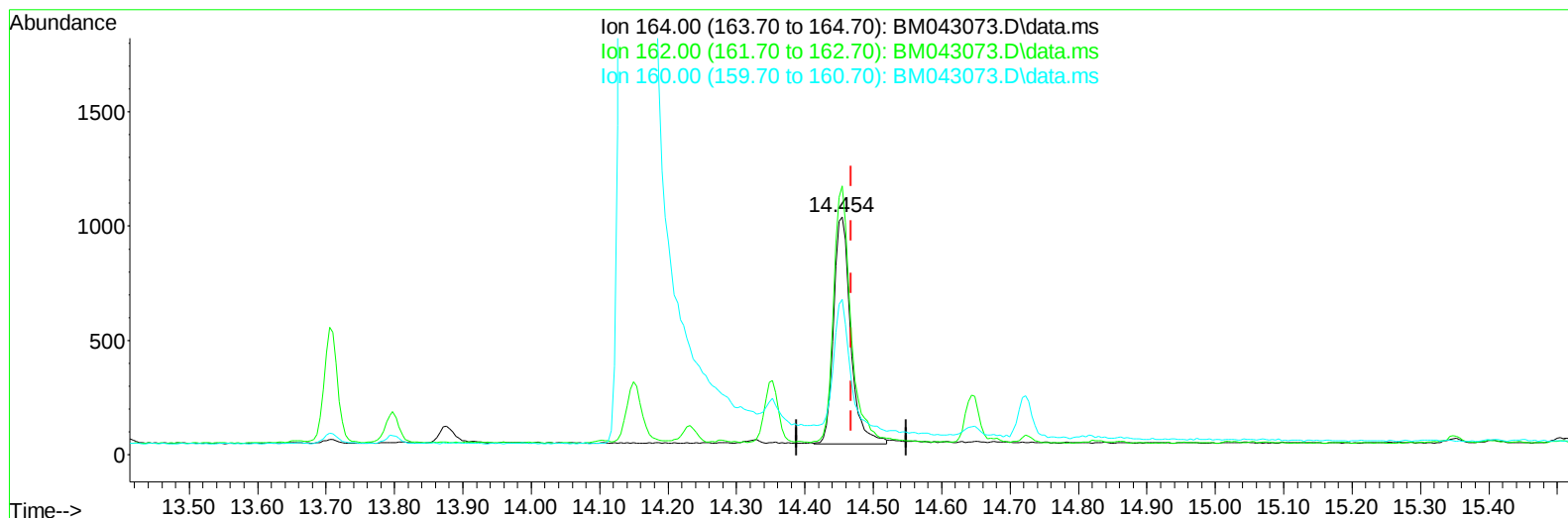
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043073.D
Acq On : 28 Nov 2023 15:55
Operator : MA/JU
Sample : 05261-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043073.D\data.ms

(9) Acenaphthene-d10 (I)

14.454min (-0.014) 0.40 ng/u1 m

response 1713

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	112.98
160.00	57.20	65.29
0.00	0.00	0.00

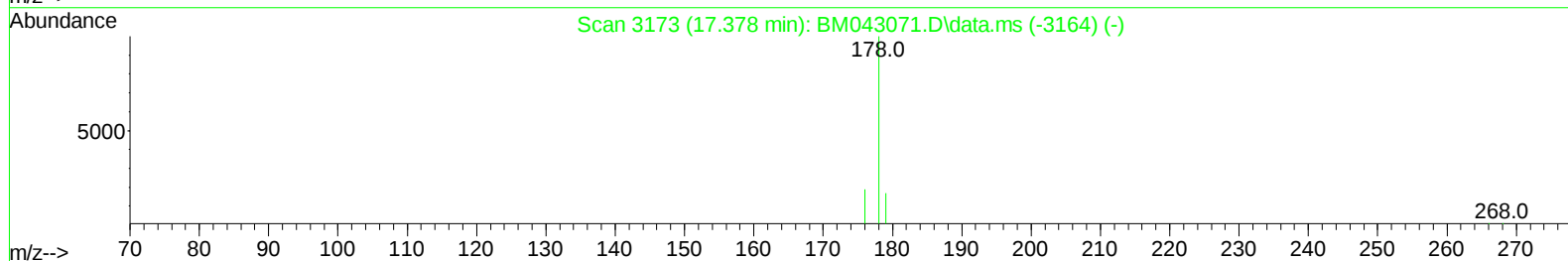
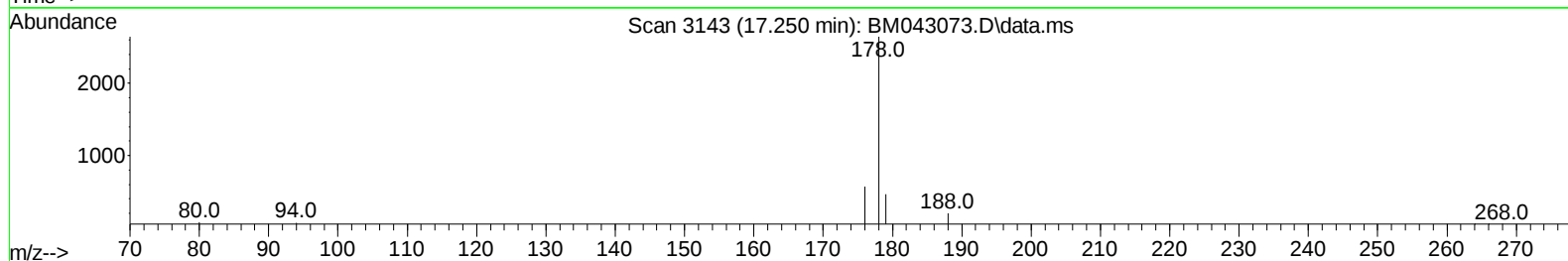
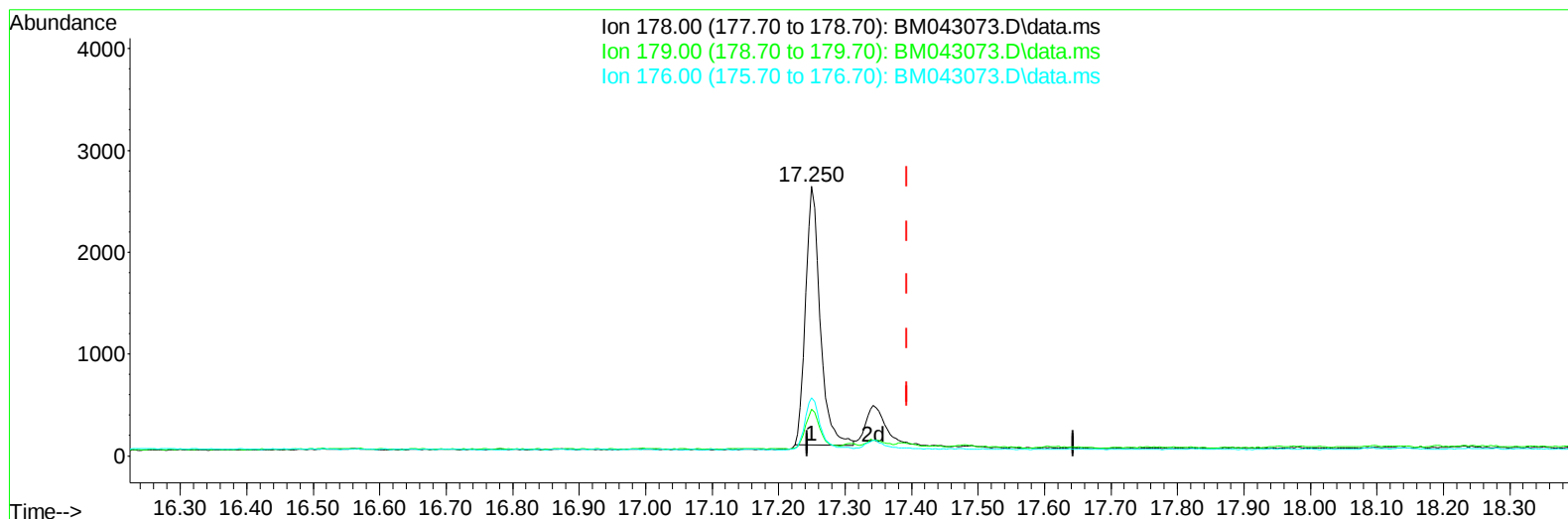
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TIC: BM043073.D\data.ms

(16) Anthracene

17.250min (-0.143) 0.40 ng/u1

response 3874

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	17.42
176.00	25.60	21.62
0.00	0.00	0.00

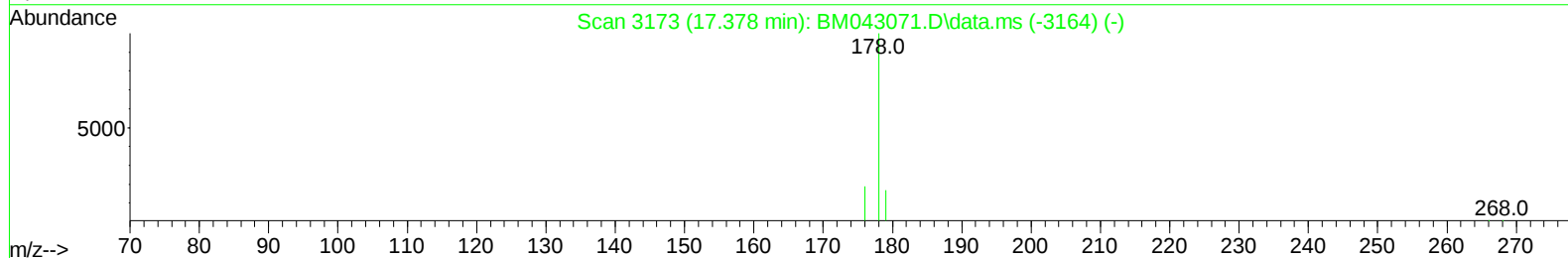
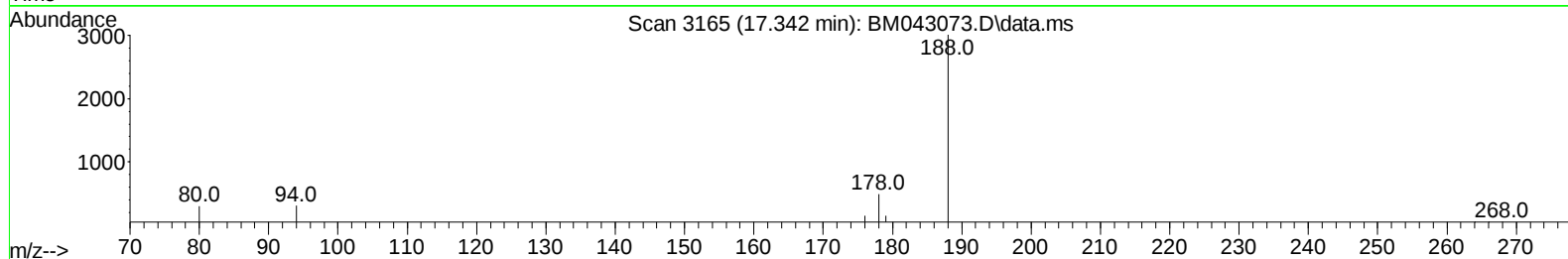
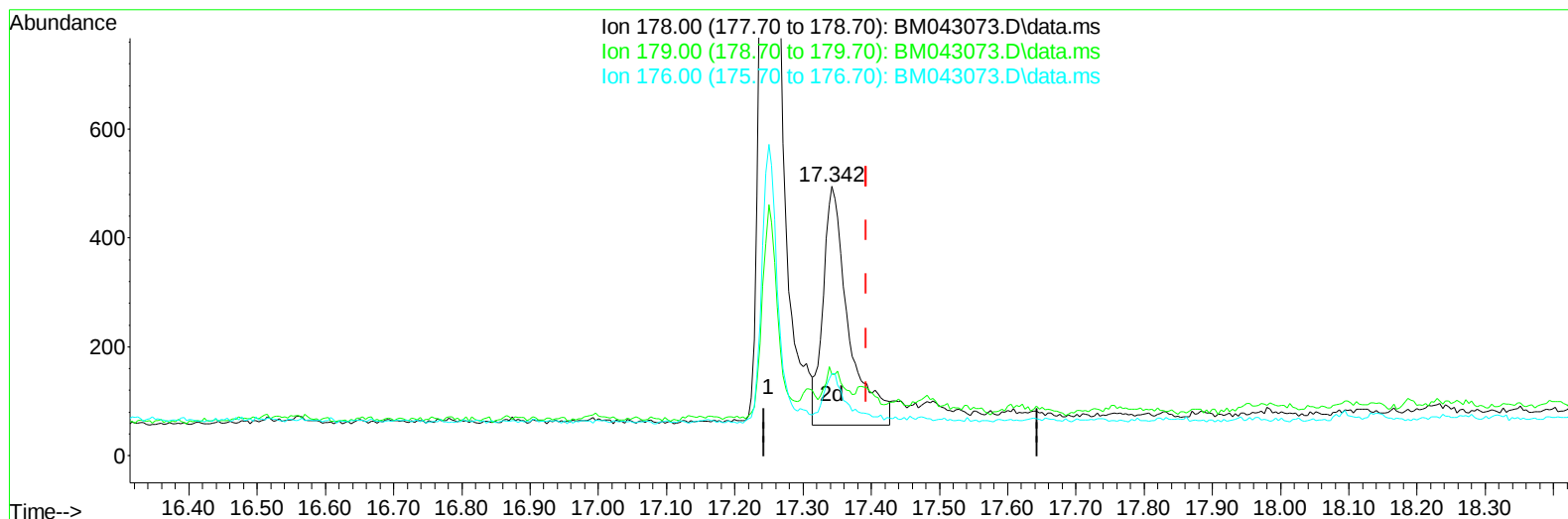
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043073.D
Acq On : 28 Nov 2023 15:55
Operator : MA/JU
Sample : 05261-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKT5

Manual IntegrationsAPPROVED

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TIC: BM043073.D\data.ms

(16) Anthracene

17.342min (-0.051) 0.12 ng/u1 m

response 1143

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	30.30#
176.00	25.60	30.51
0.00	0.00	0.00

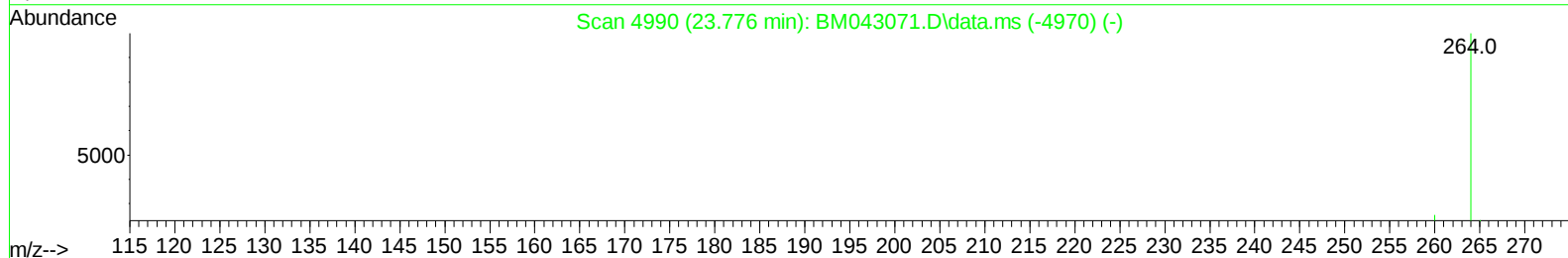
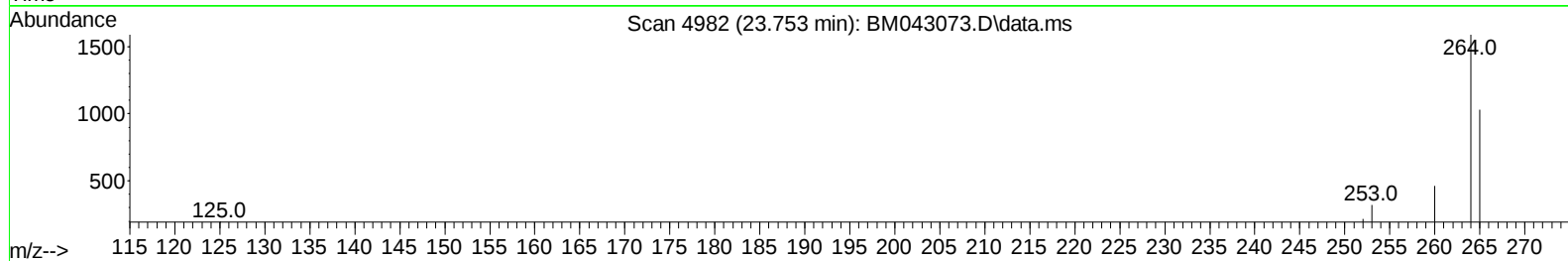
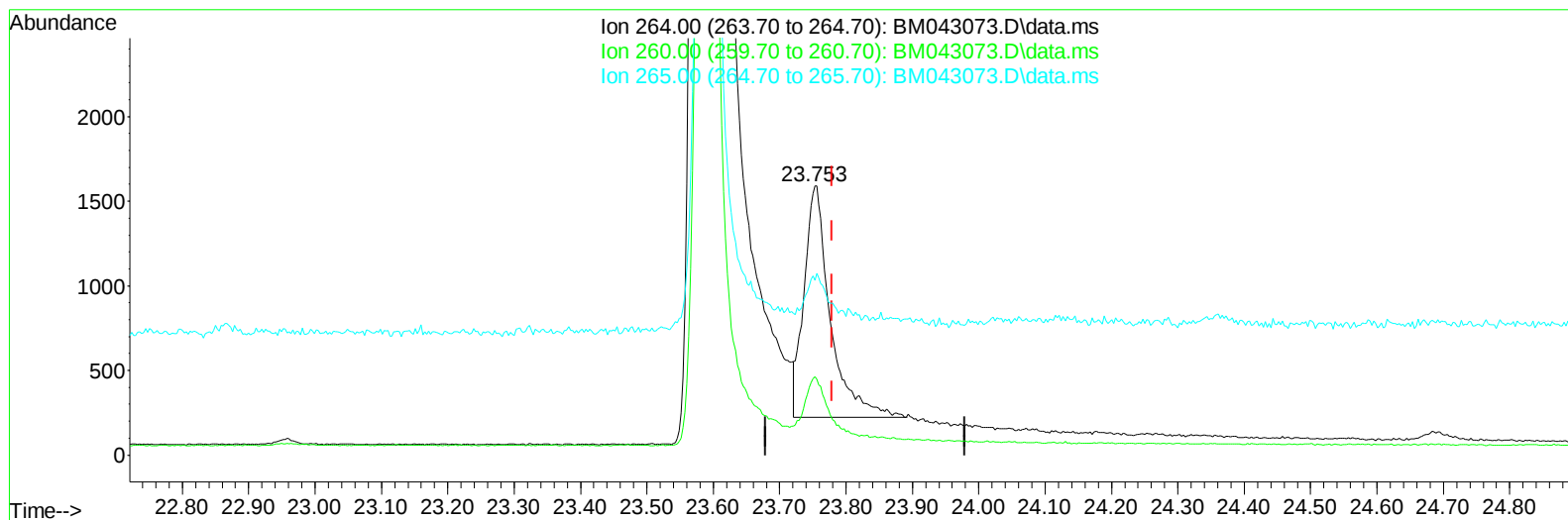
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043073.D
 Acq On : 28 Nov 2023 15:55
 Operator : MA/JU
 Sample : 05261-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKT5

Manual IntegrationsAPPROVED

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TIC: BM043073.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.026) 0.40 ng/u1

response 3783

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.20
265.00	120.30	65.01#
0.00	0.00	0.00

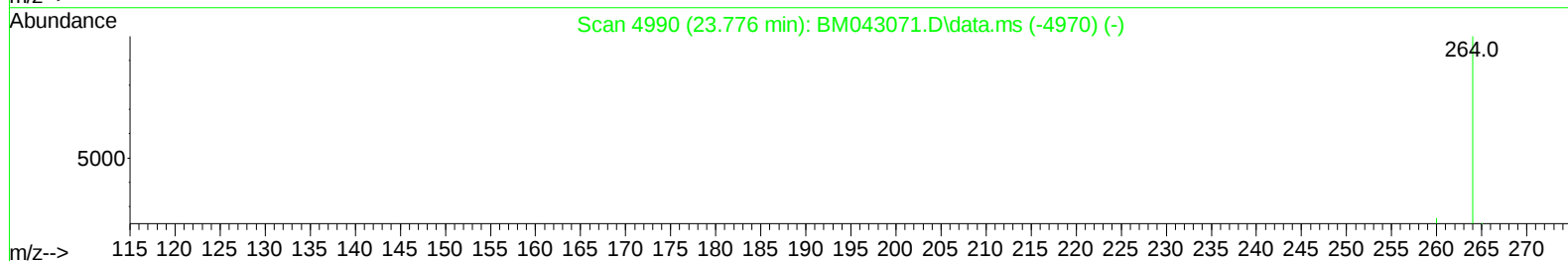
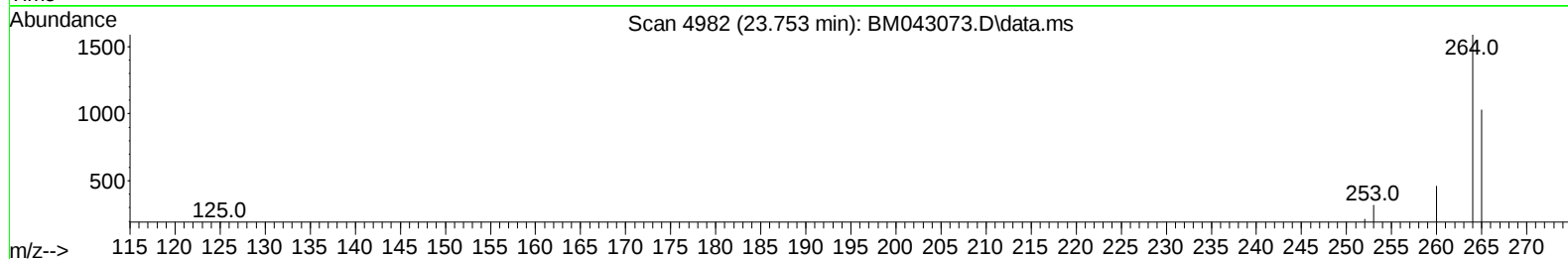
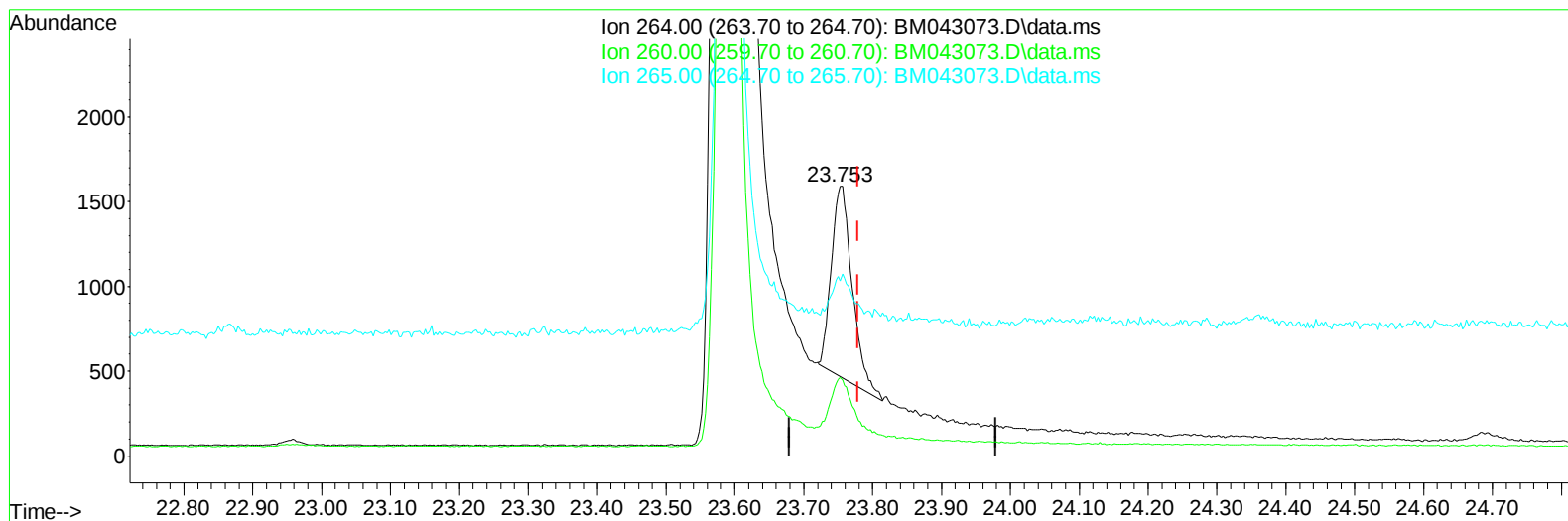
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Acq On : 28 Nov 2023 15:55
Operator : MA/JU
Sample : 05261-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKT5

Manual IntegrationsAPPROVED

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TIC: BM043073.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.026) 0.40 ng/ul m

response 2361

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.20
265.00	120.30	65.01#
0.00	0.00	0.00

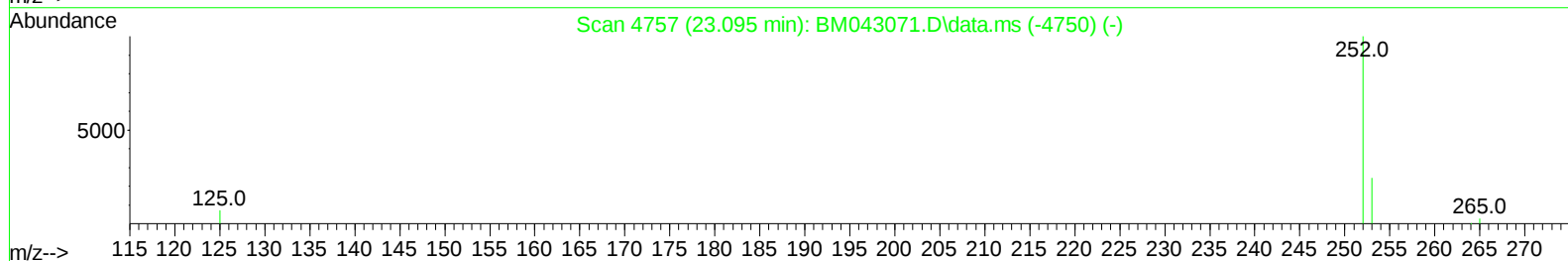
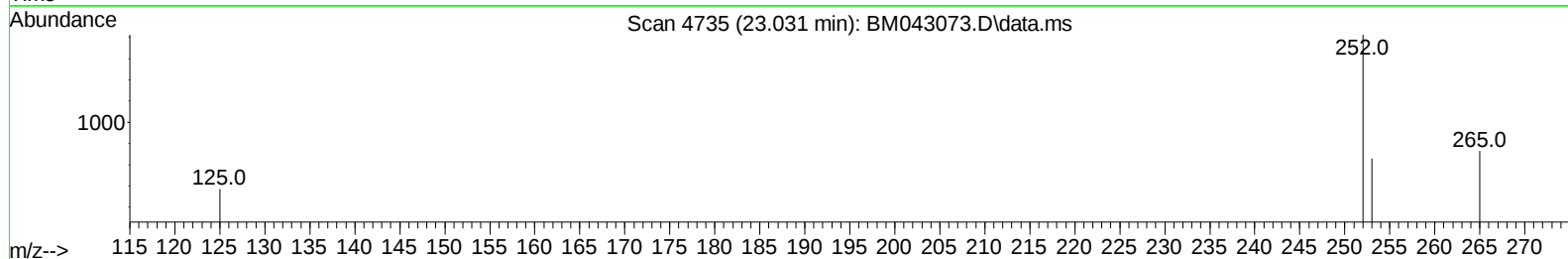
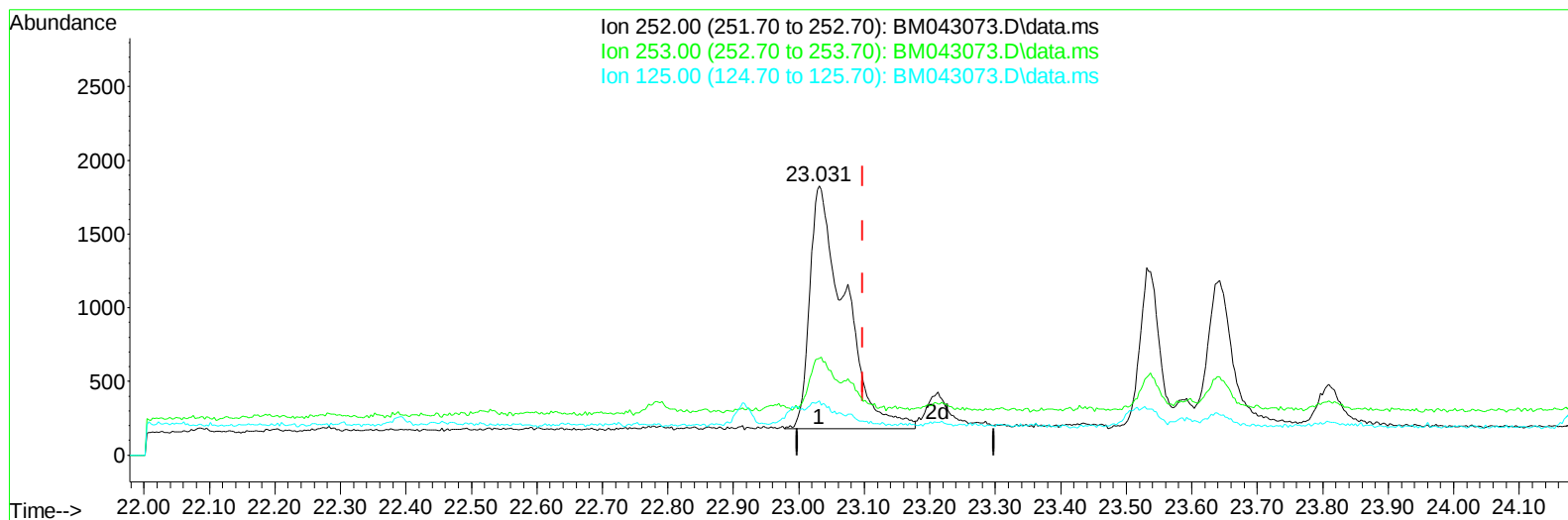
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TIC: BM043073.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.067) 0.56 ng/u1

response 6121

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	36.00
125.00	13.80	20.16#
0.00	0.00	0.00

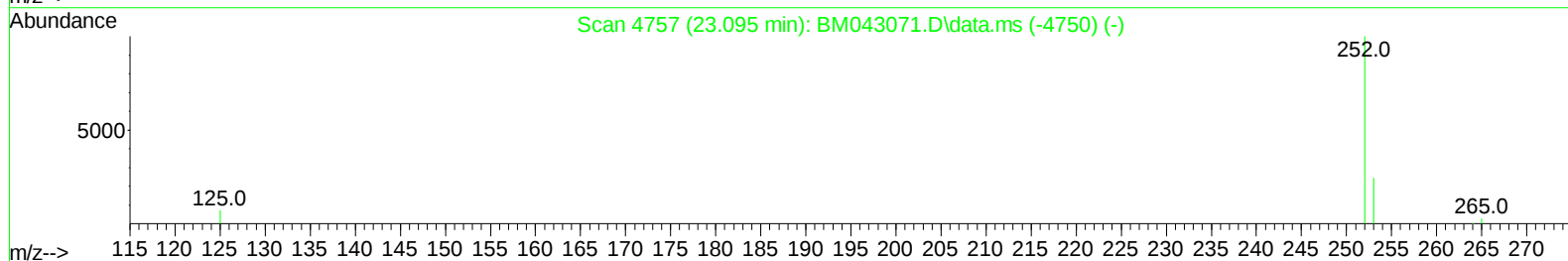
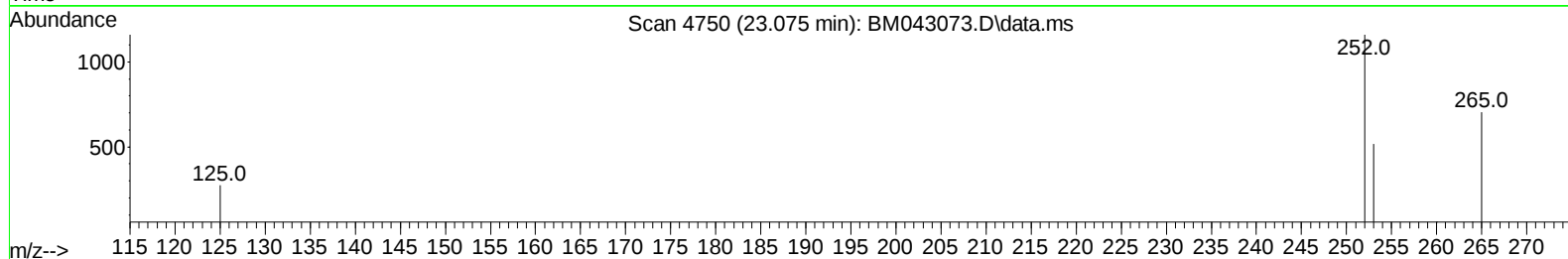
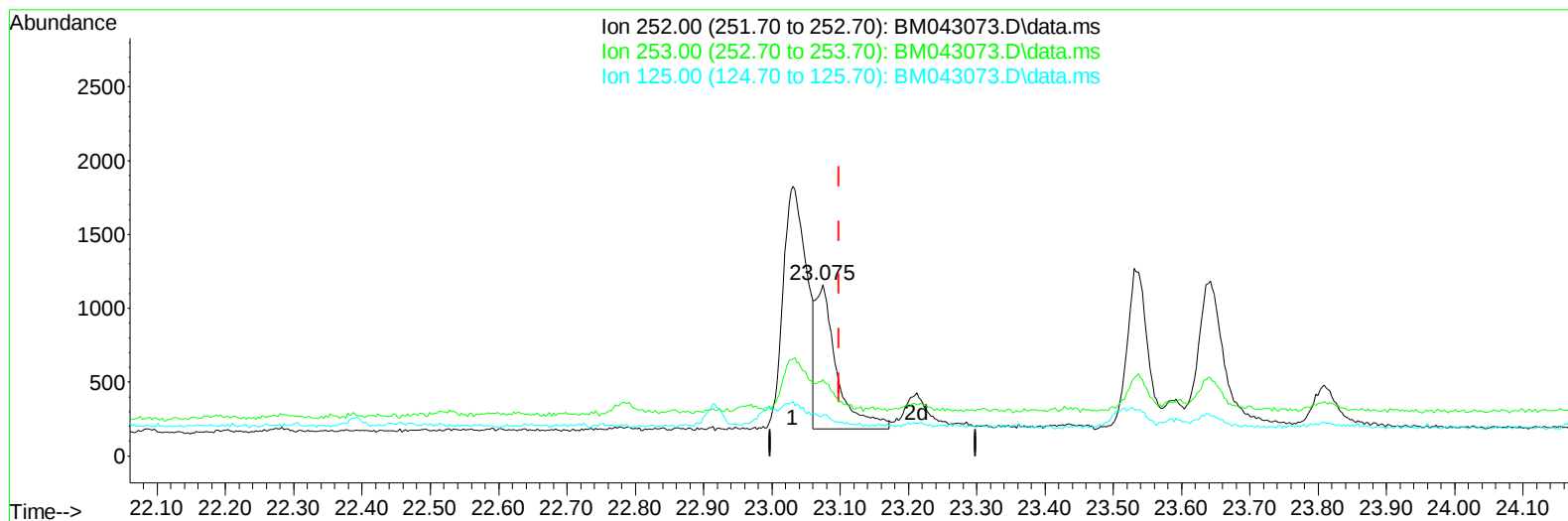
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TIC: BM043073.D\data.ms

(25) Benzo(k)fluoranthene

23.075min (-0.023) 0.19 ng/u1 m

response 2115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	44.66#
125.00	13.80	23.79#
0.00	0.00	0.00

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 ALS Vial : 4 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1005m	0.40	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2796	0.40	ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	1713m	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3601	0.40	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2830	0.40	ng/ul	-0.02
23) Perylene-d12	23.753	264	2361m	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1162	0.75	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	733	0.20	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	2016	0.20	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.660	128	170	0.02	ng/ul#	37
7) 2-Methylnaphthalene	12.288	142	96	0.02	ng/ul	96
8) 1-Methylnaphthalene	12.502	142	113	0.02	ng/ul	86
11) Acenaphthene	14.519	153	241	0.04	ng/ul	94
12) Fluorene	15.509	166	303	0.04	ng/ul#	94
15) Phenanthrene	17.250	178	4103	0.40	ng/ul	96
16) Anthracene	17.342	178	1143m	0.12	ng/ul	
19) Fluoranthene	19.270	202	7978	0.50	ng/ul#	95
20) Pyrene	19.633	202	6816	0.40	ng/ul	98
21) Benzo(a)anthracene	21.383	228	3440	0.37	ng/ul	98
22) Chrysene	21.435	228	3265	0.19	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	3922	0.49	ng/ul	96
25) Benzo(k)fluoranthene	23.075	252	2115m	0.19	ng/ul	
26) Benzo(a)pyrene	23.642	252	2366	0.27	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.215	276	1920	0.16	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.212	278	444	0.05	ng/ul#	34
29) Benzo(g,h,i)perylene	26.980	276	1867	0.16	ng/ul#	87

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

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