

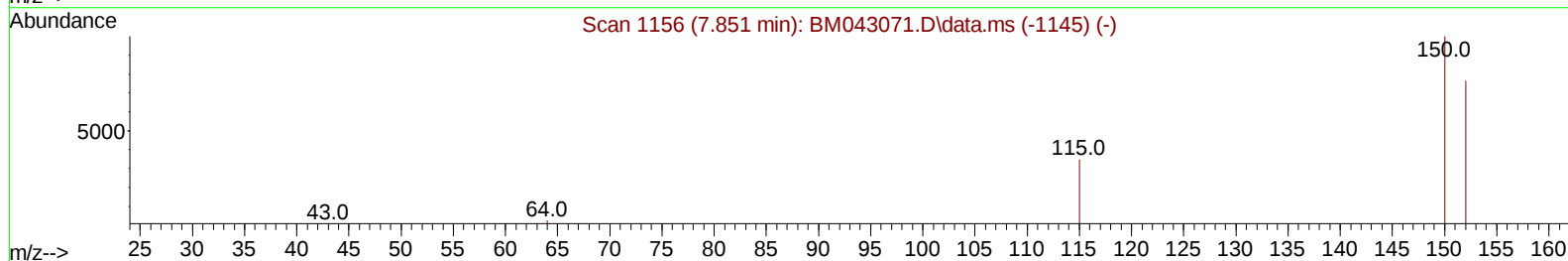
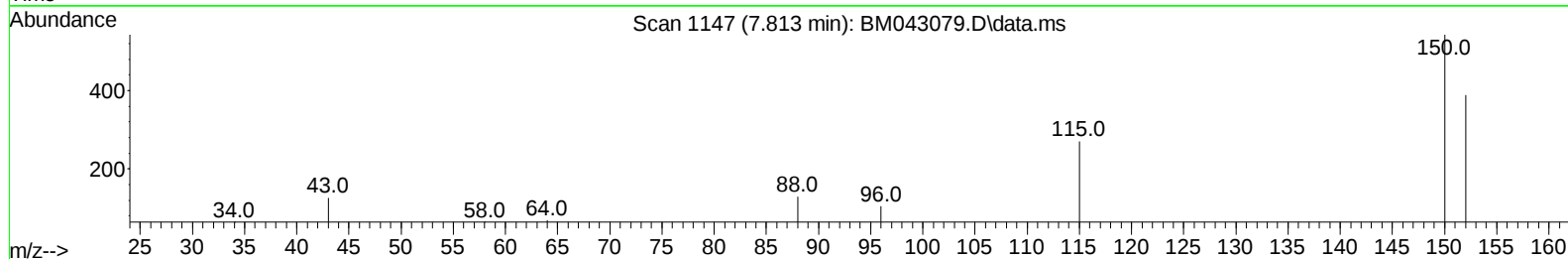
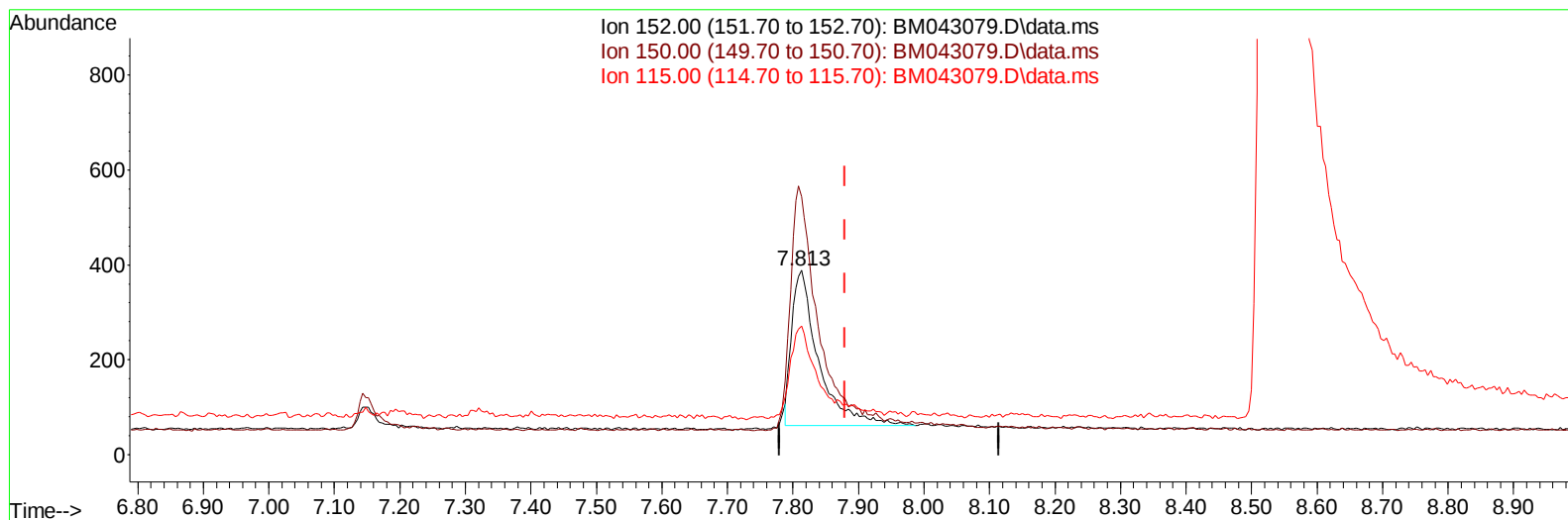
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043079.D
Acq On : 28 Nov 2023 19:33
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

Quant Time: Nov 28 23:39:36 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: BM043079.D\data.ms

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

7.813min (-0.067) 0.40 ng/u1

response 928

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	139.59
115.00	89.60	69.67#
0.00	0.00	0.00

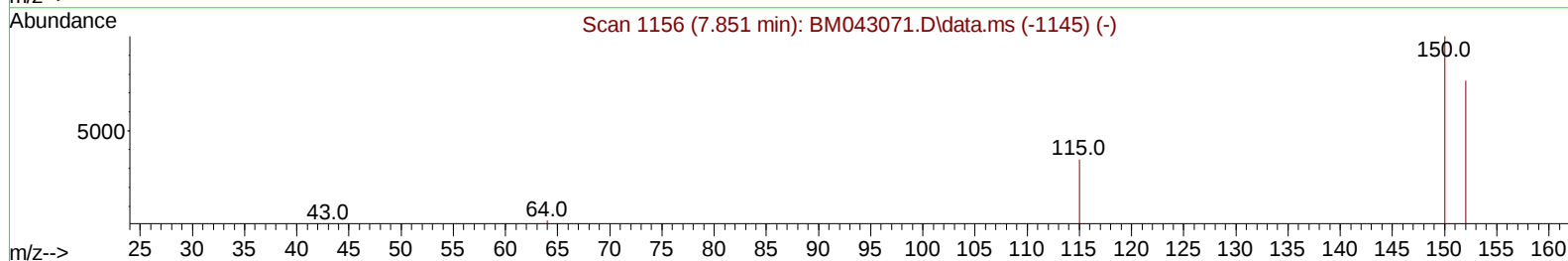
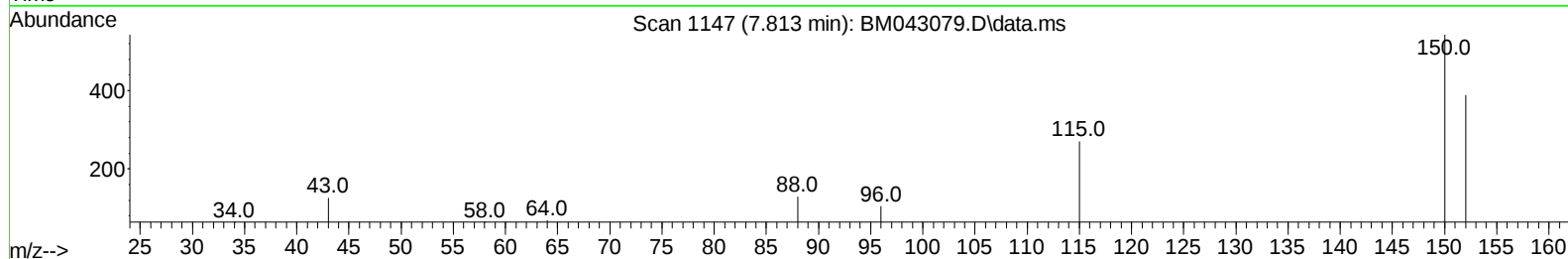
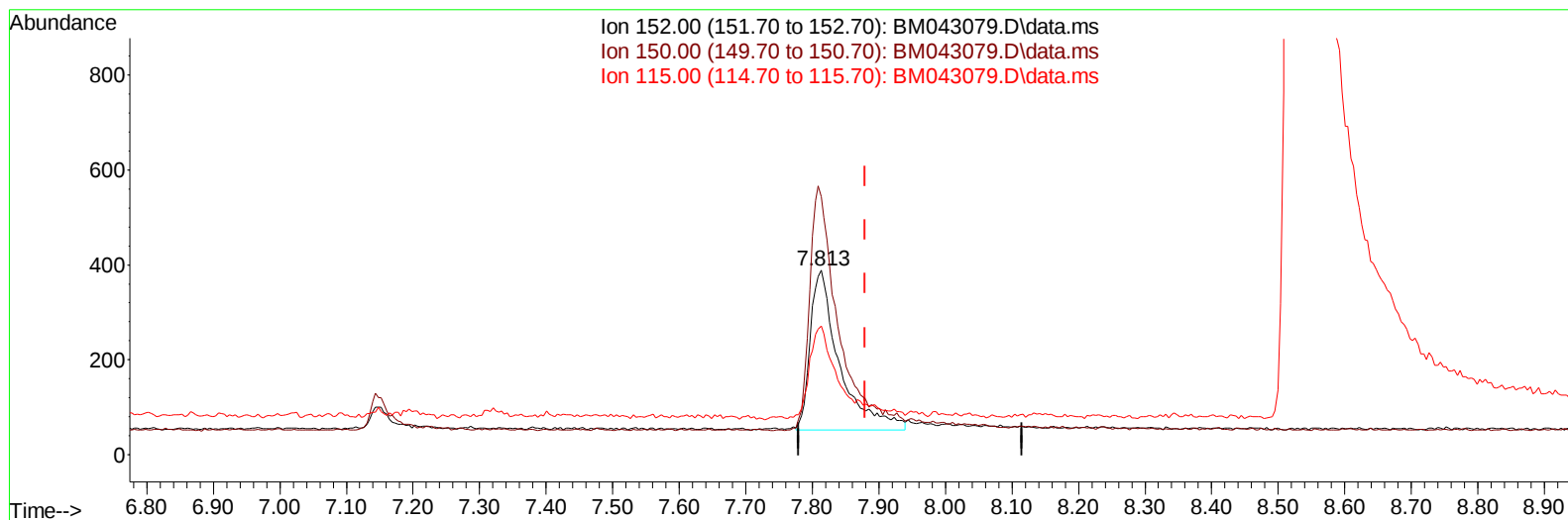
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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TIC: BM043079.D\data.ms

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

7.813min (-0.067) 0.40 ng/ul m

response 1021

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	139.59
115.00	89.60	69.67#
0.00	0.00	0.00

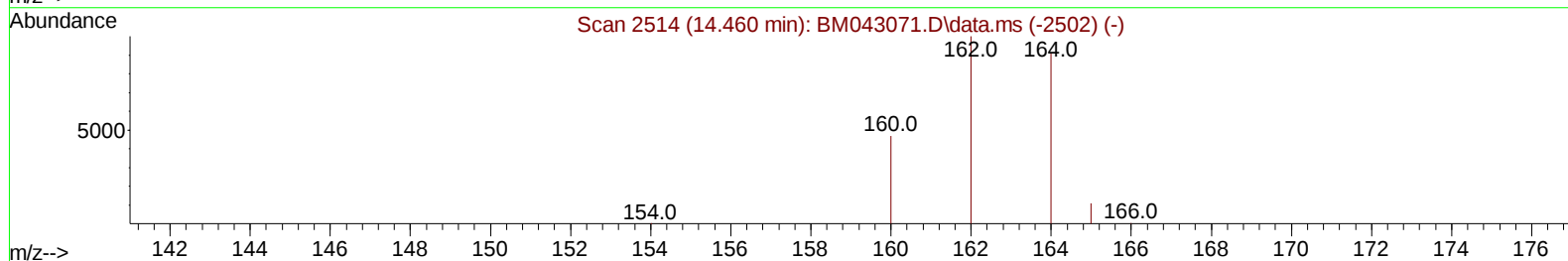
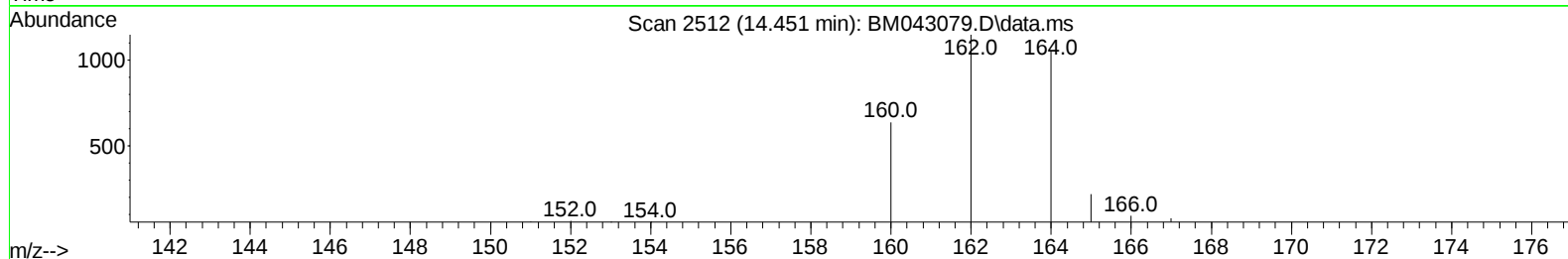
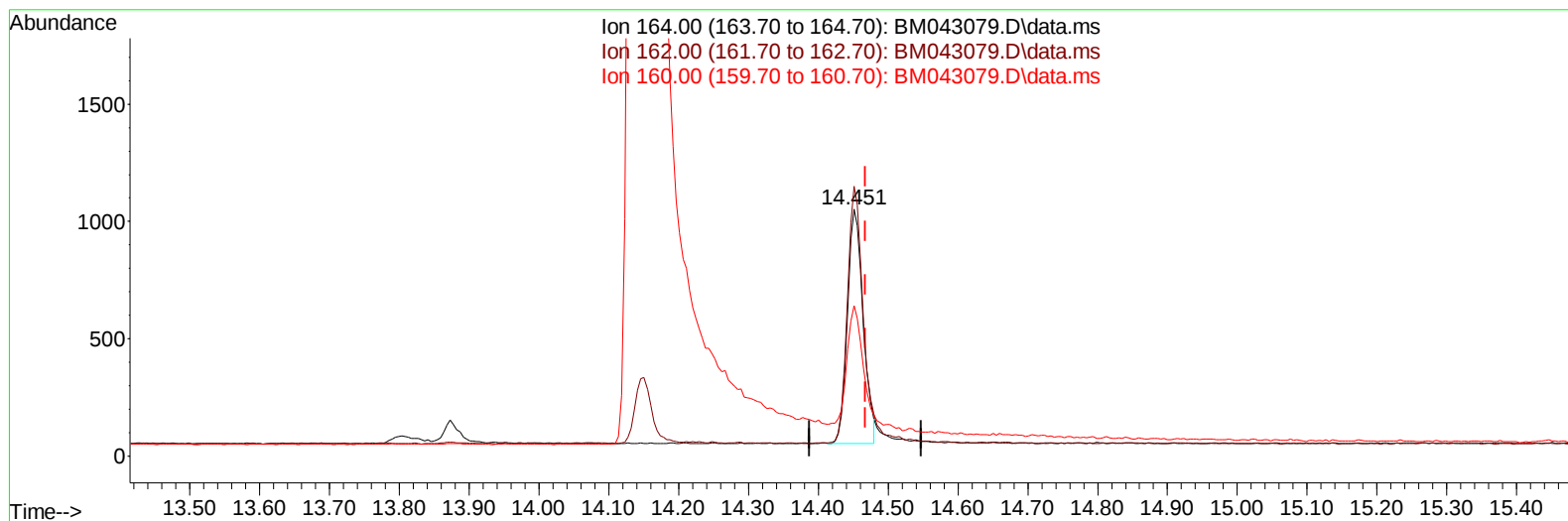
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TIC: BM043079.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.017) 0.40 ng/u1

response 1571

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.12
160.00	57.20	60.78
0.00	0.00	0.00

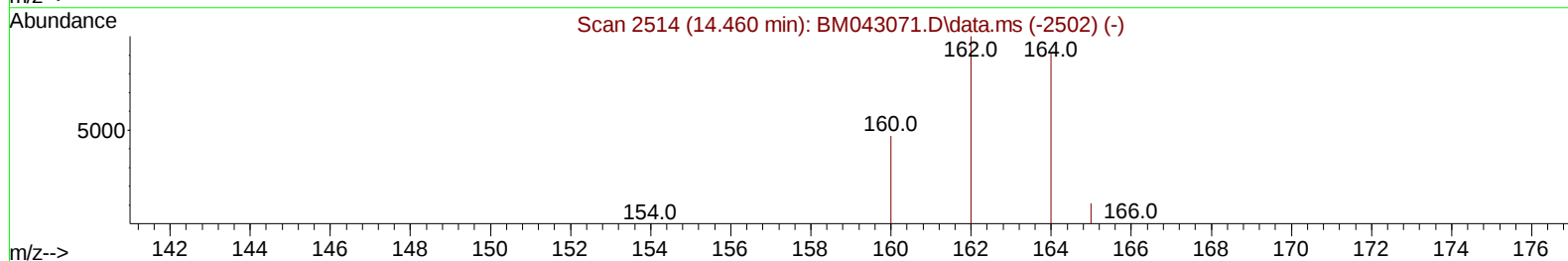
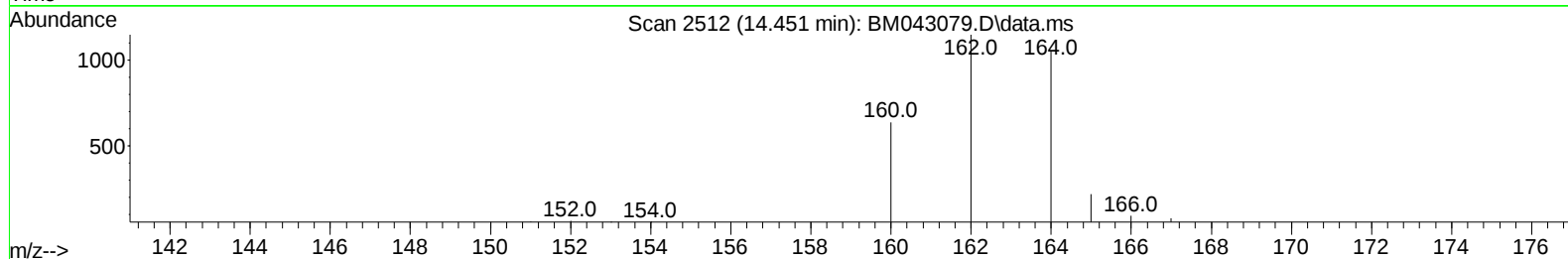
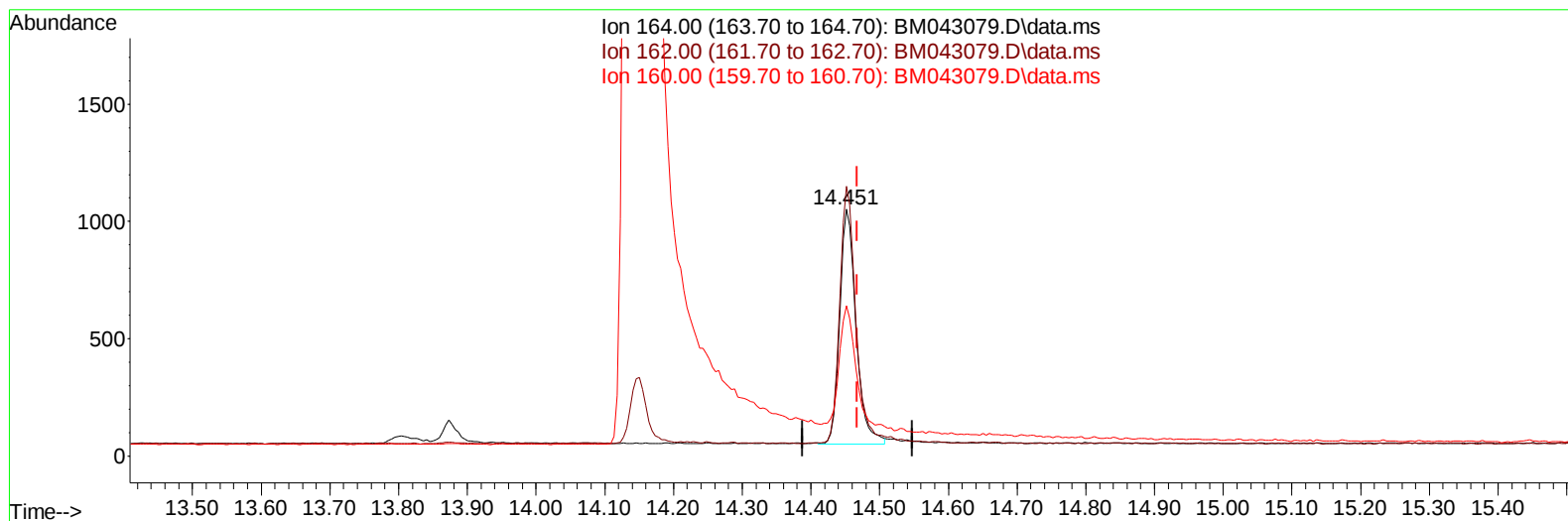
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043079.D
Acq On : 28 Nov 2023 19:33
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

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TIC: BM043079.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.017) 0.40 ng/ul m

response 1650

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.12
160.00	57.20	60.78
0.00	0.00	0.00

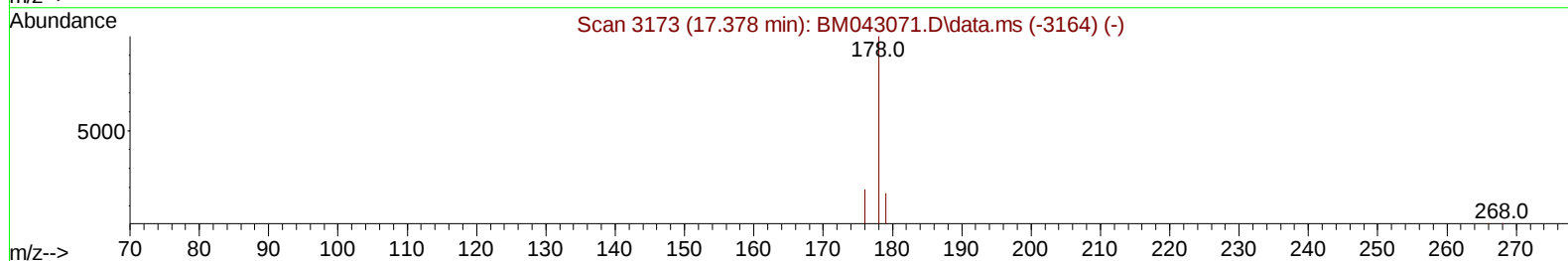
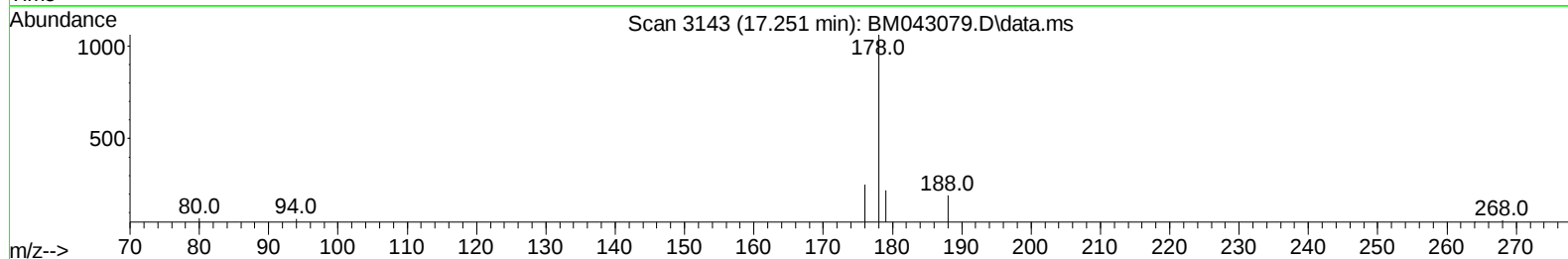
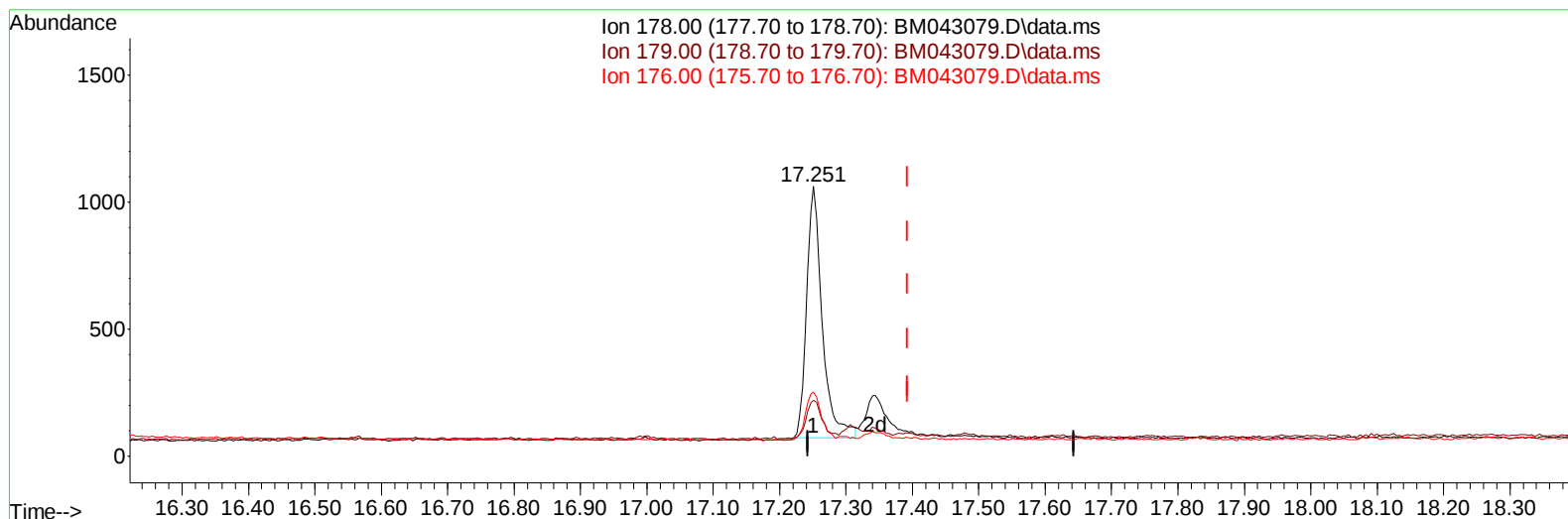
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Instrument :
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 ClientSampleId :
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TIC: BM043079.D\data.ms

(16) Anthracene

17.251min (-0.142) 0.18 ng/u1

response 1621

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	20.64
176.00	25.60	23.66
0.00	0.00	0.00

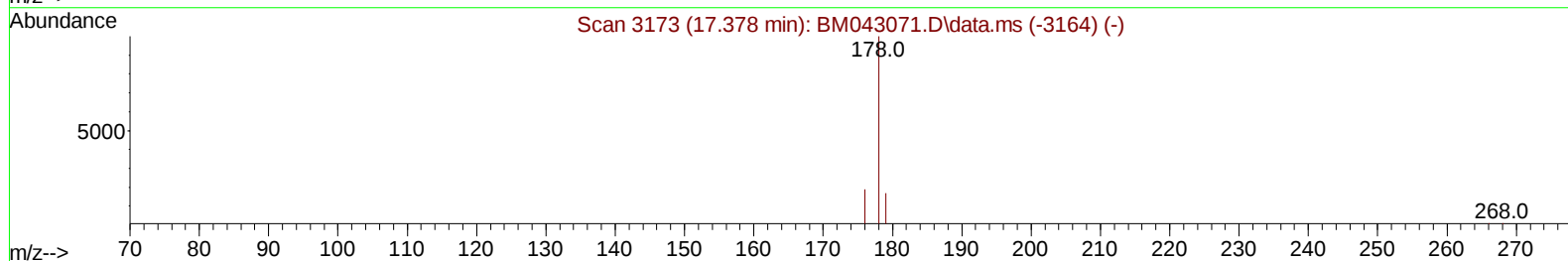
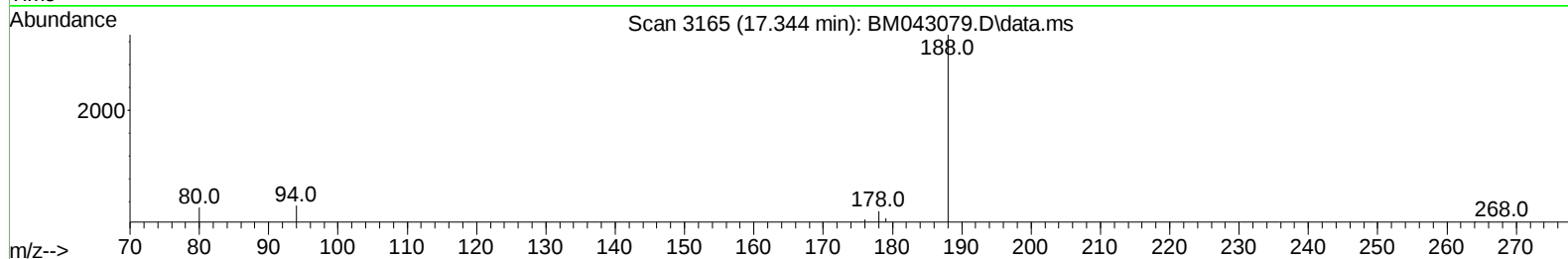
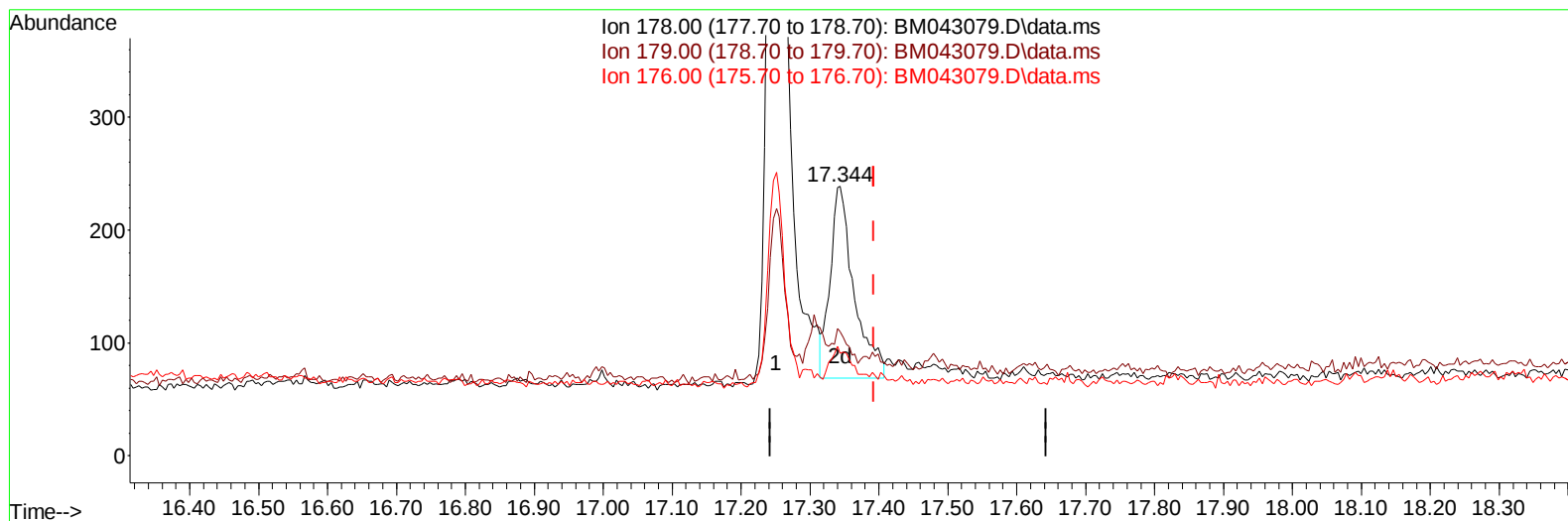
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 Acq On : 28 Nov 2023 19:33
 Operator : MA/JU
 Sample : 05416-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH4

Manual IntegrationsAPPROVED

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TIC: BM043079.D\data.ms

(16) Anthracene

17.344min (-0.049) 0.05 ng/ul m

response 408

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	46.03#
176.00	25.60	38.08#
0.00	0.00	0.00

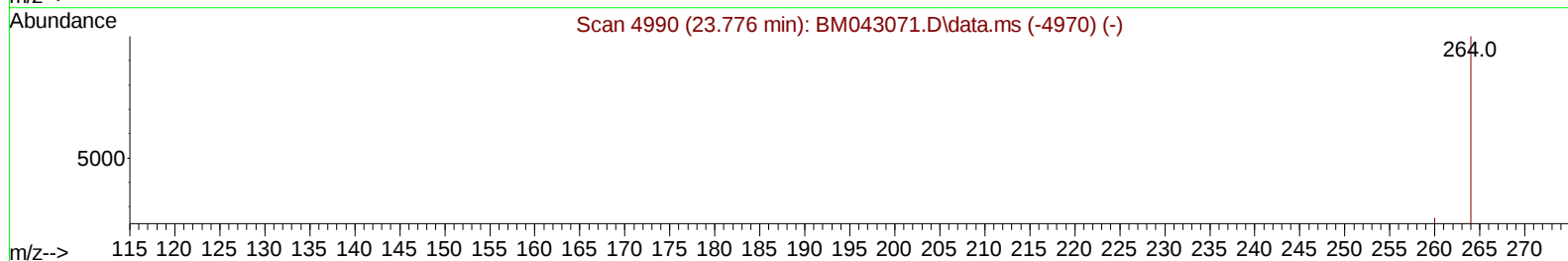
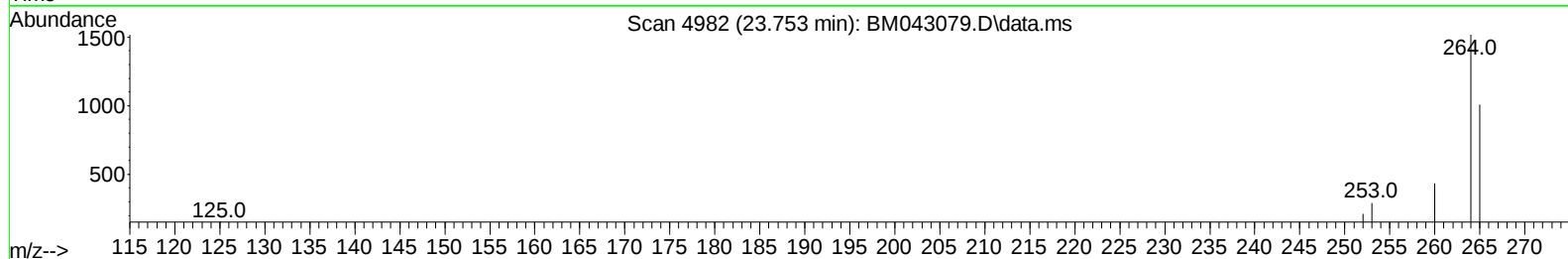
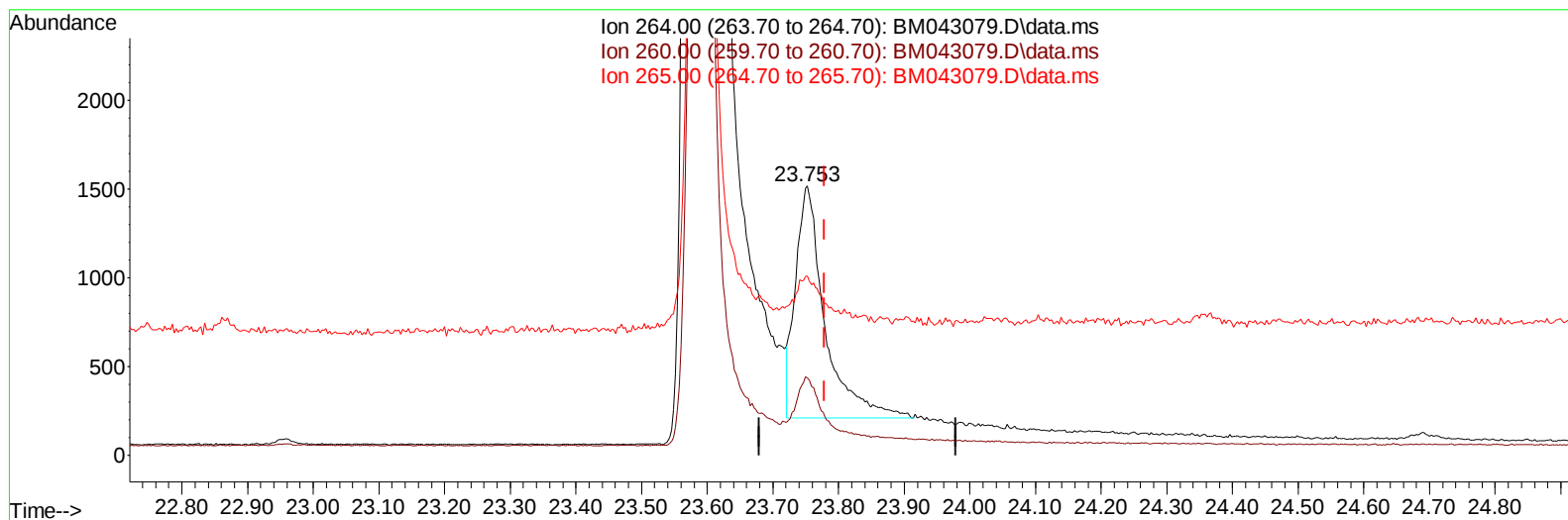
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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 Acq On : 28 Nov 2023 19:33
 Operator : MA/JU
 Sample : 05416-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH4

Manual IntegrationsAPPROVED

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TIC: BM043079.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/u1

response 4035

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.74
265.00	120.30	66.58#
0.00	0.00	0.00

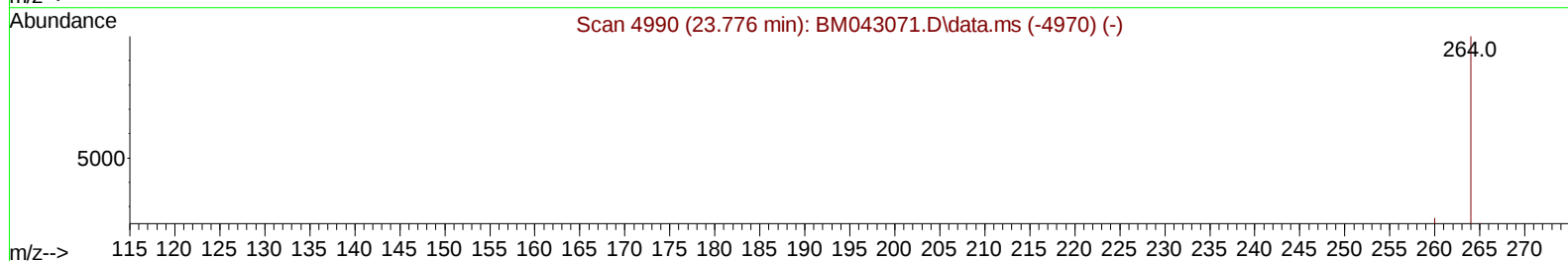
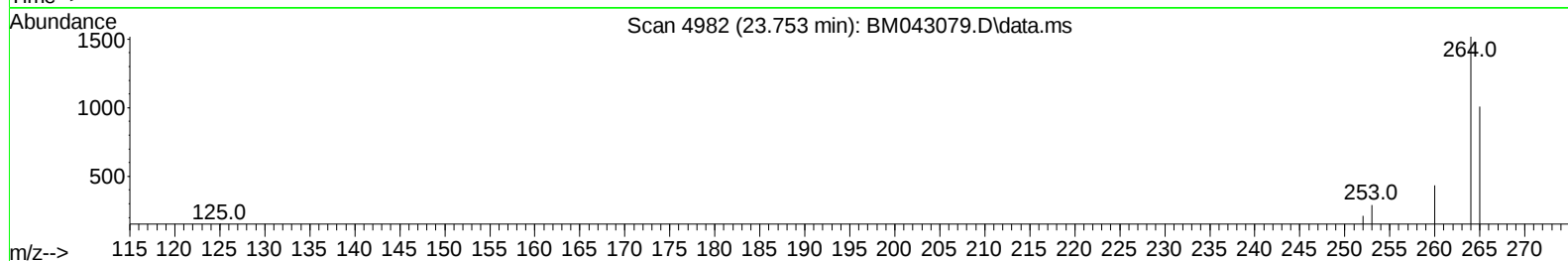
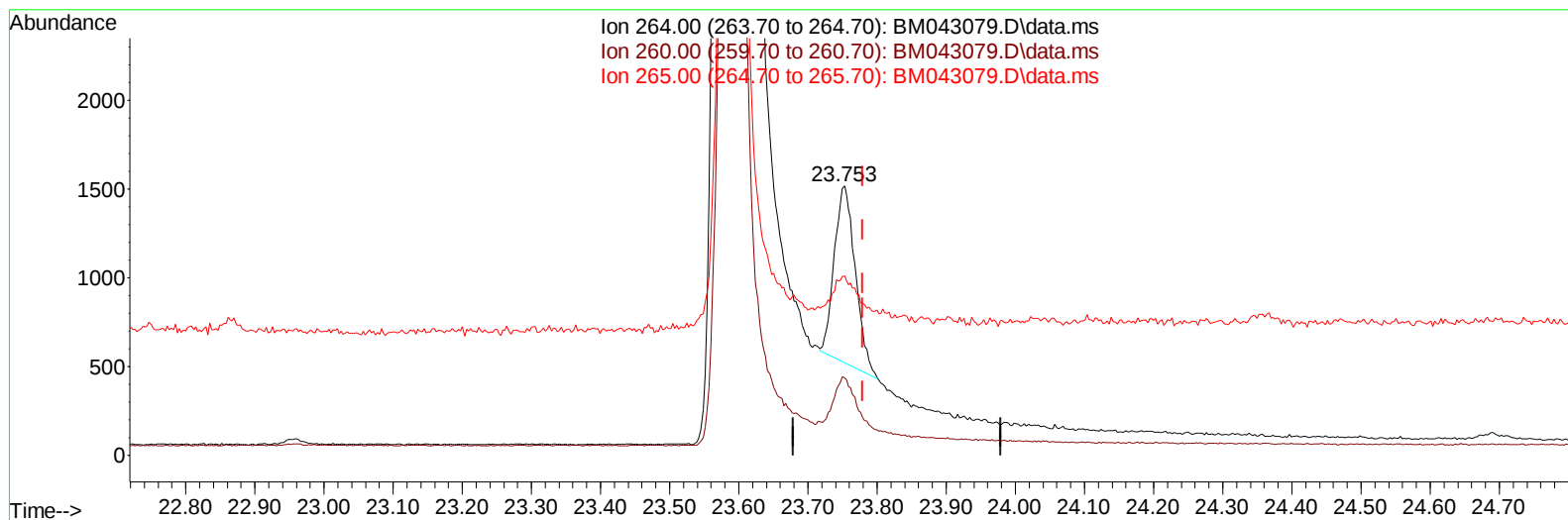
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Acq On : 28 Nov 2023 19:33
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Sample : 05416-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

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TIC: BM043079.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/ul m

response 2086

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.74
265.00	120.30	66.58#
0.00	0.00	0.00

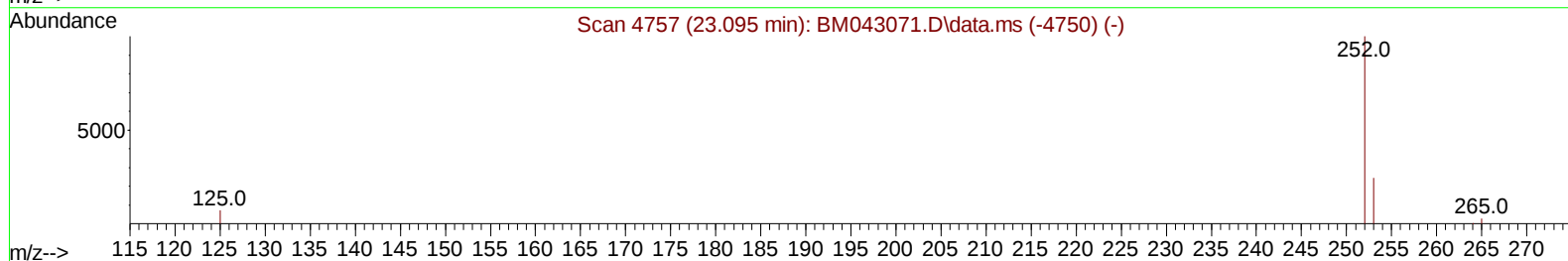
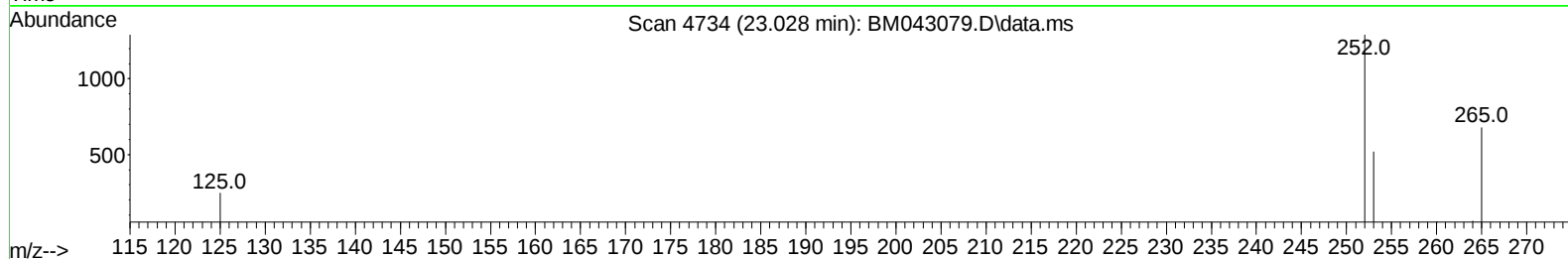
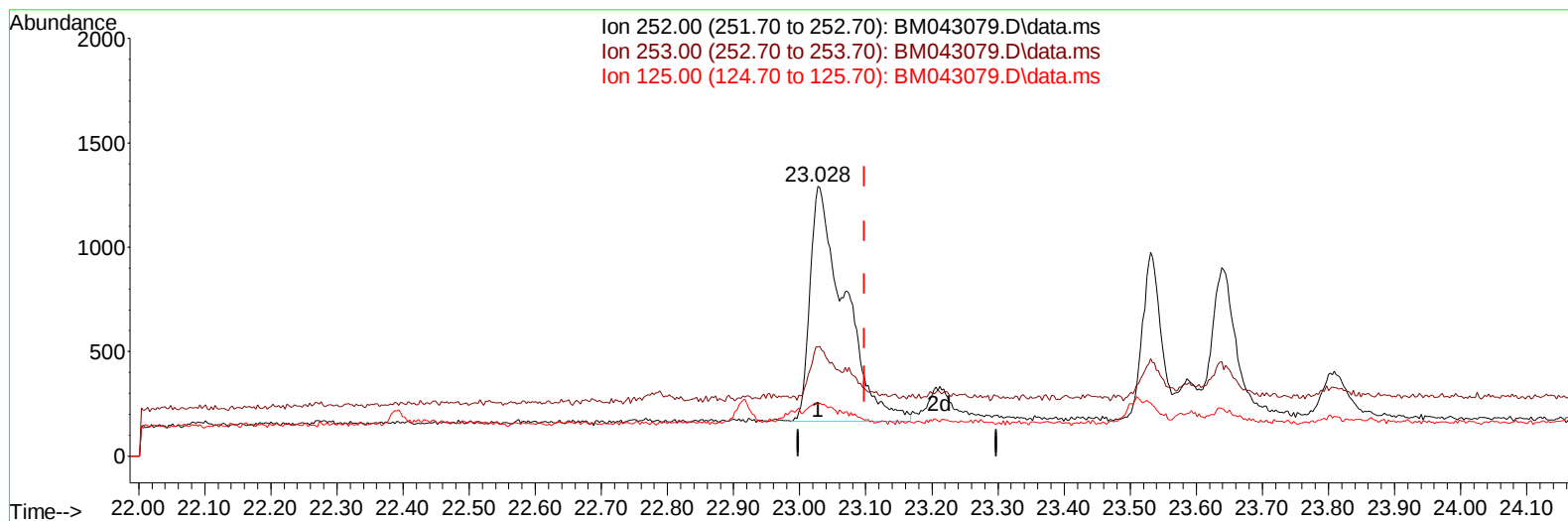
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TIC: BM043079.D\data.ms

(25) Benzo(k)fluoranthene

23.028min (-0.070) 0.42 ng/u1

response 4070

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	40.36
125.00	13.80	18.98#
0.00	0.00	0.00

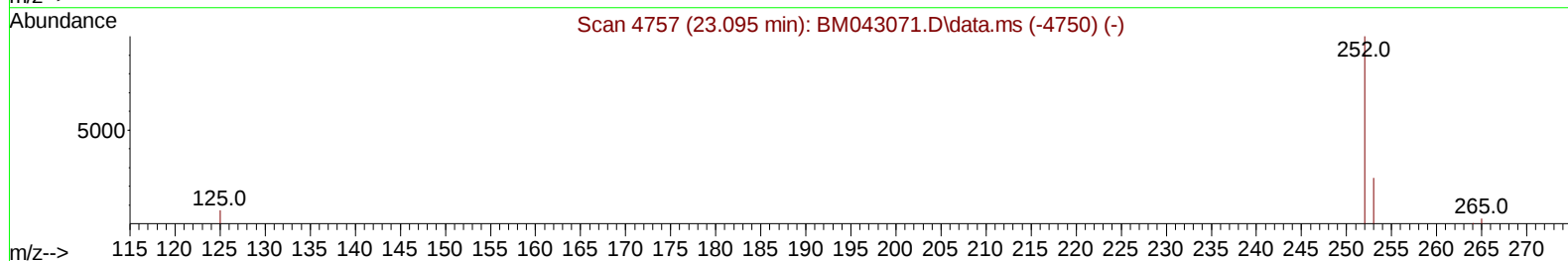
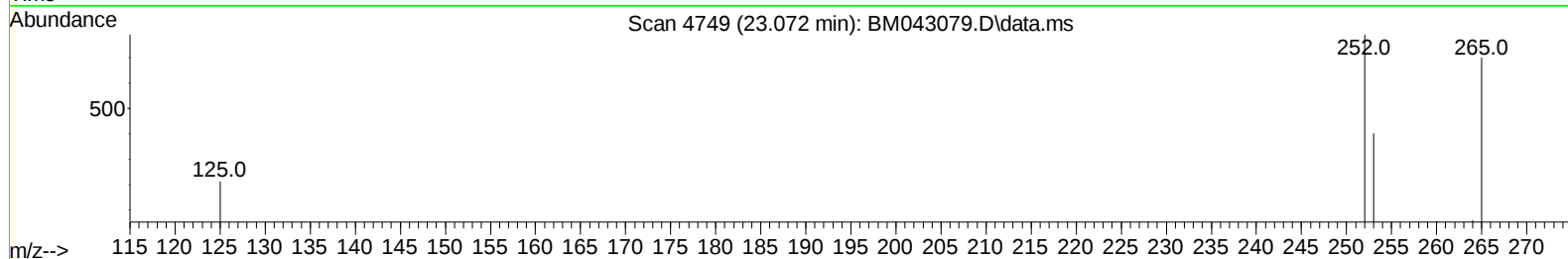
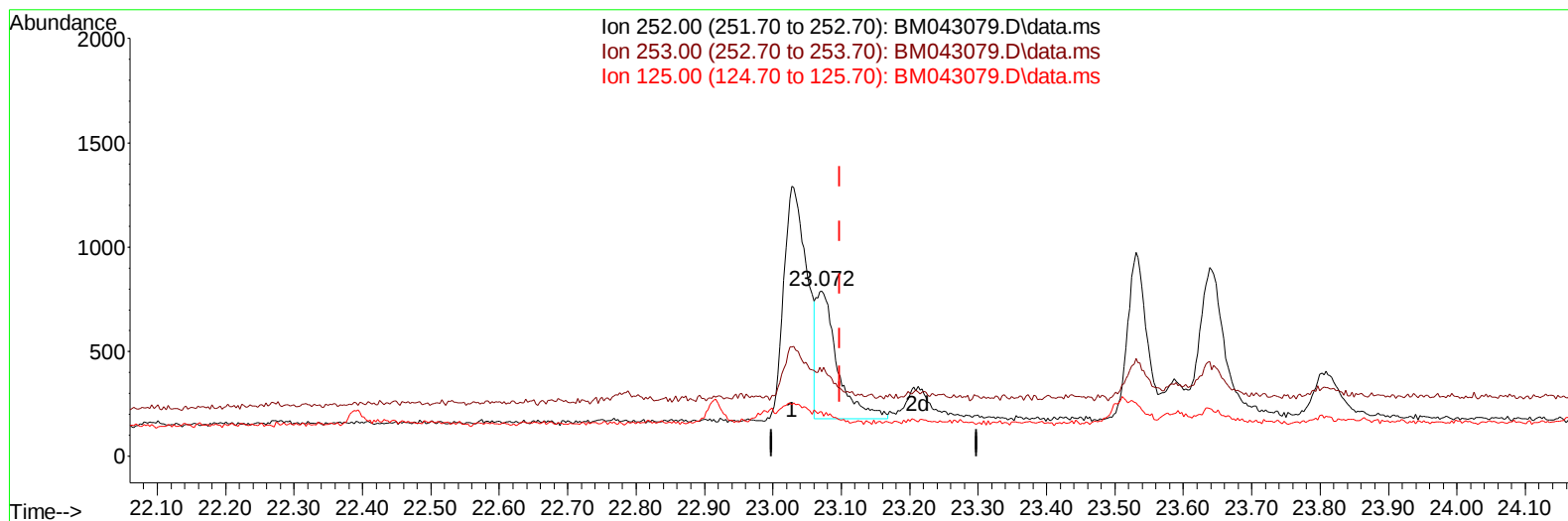
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TIC: BM043079.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (-0.027) 0.14 ng/ul m

response 1347

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	51.14#
125.00	13.80	26.84#
0.00	0.00	0.00

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 ALS Vial : 10 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1021m	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	1650m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	3273	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	2358	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	2086m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1448	0.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	527	0.136	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	1341	0.156	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	427	0.054	ng/ul#	75
7) 2-Methylnaphthalene	12.300	142	395	0.085	ng/ul	94
8) 1-Methylnaphthalene	12.509	142	275	0.053	ng/ul	93
10) Acenaphthylene	14.178	152	239	0.028	ng/ul#	49
15) Phenanthrene	17.251	178	1674	0.179	ng/ul	99
16) Anthracene	17.344	178	408m	0.046	ng/ul	
19) Fluoranthene	19.272	202	6892	0.516	ng/ul#	94
20) Pyrene	19.634	202	5763	0.405	ng/ul	97
21) Benzo(a)anthracene	21.391	228	2347	0.307	ng/ul	99
22) Chrysene	21.441	228	1659	0.116	ng/ul	94
24) Benzo(b)fluoranthene	23.028	252	2652	0.377	ng/ul	91
25) Benzo(k)fluoranthene	23.072	252	1347m	0.139	ng/ul	
26) Benzo(a)pyrene	23.639	252	1701	0.221	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.222	276	1516	0.146	ng/ul#	100
29) Benzo(g,h,i)perylene	26.980	276	1498	0.148	ng/ul#	86

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

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