

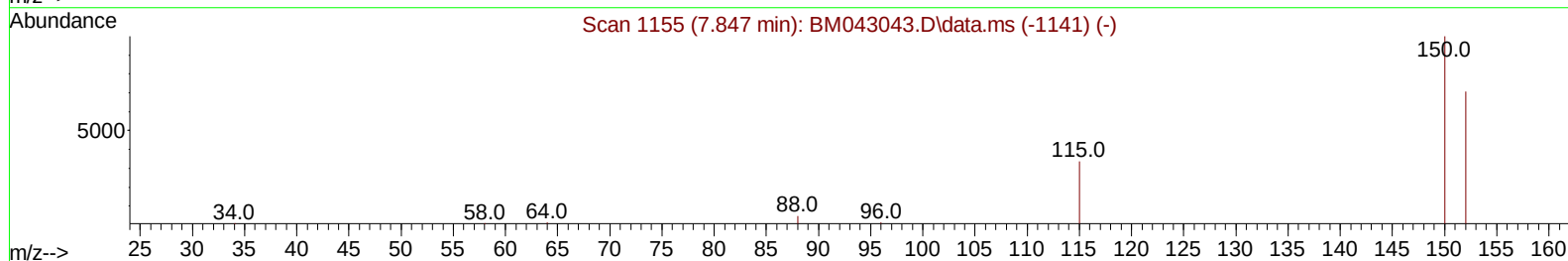
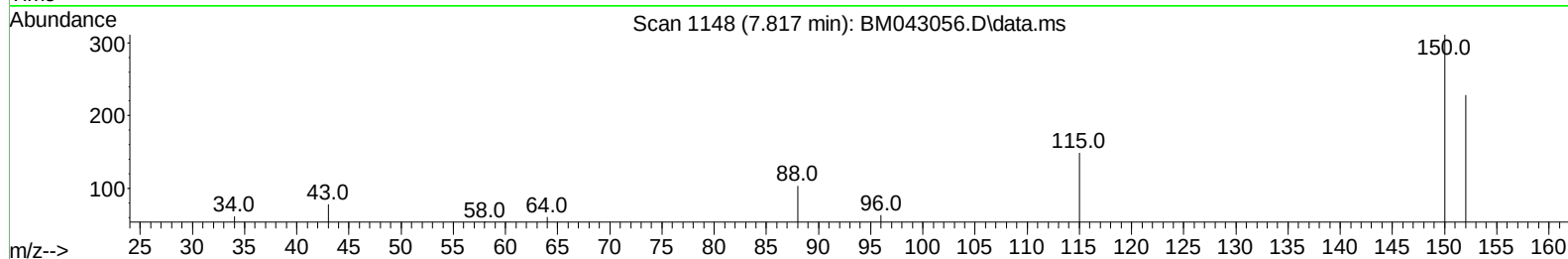
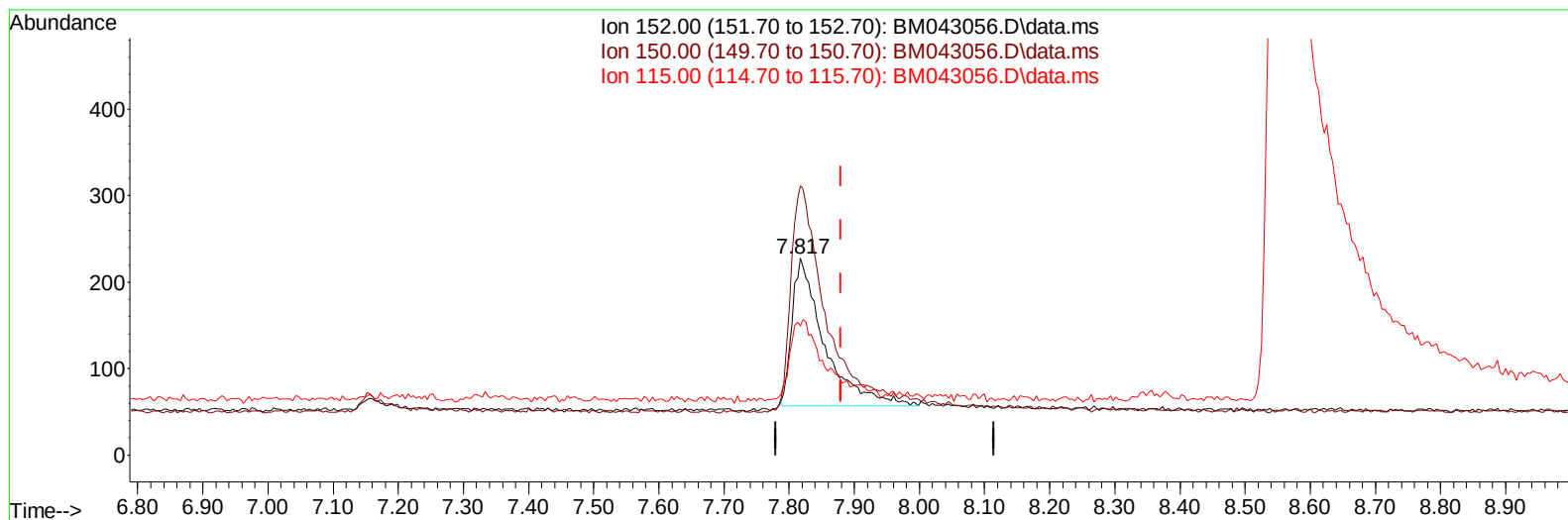
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043056.D
Acq On : 27 Nov 2023 19:24
Operator : MA/JU
Sample : 05261-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKQ6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 28 00:52:52 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 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BM043056.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul

response 587

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	136.40
115.00	89.60	65.35#
0.00	0.00	0.00

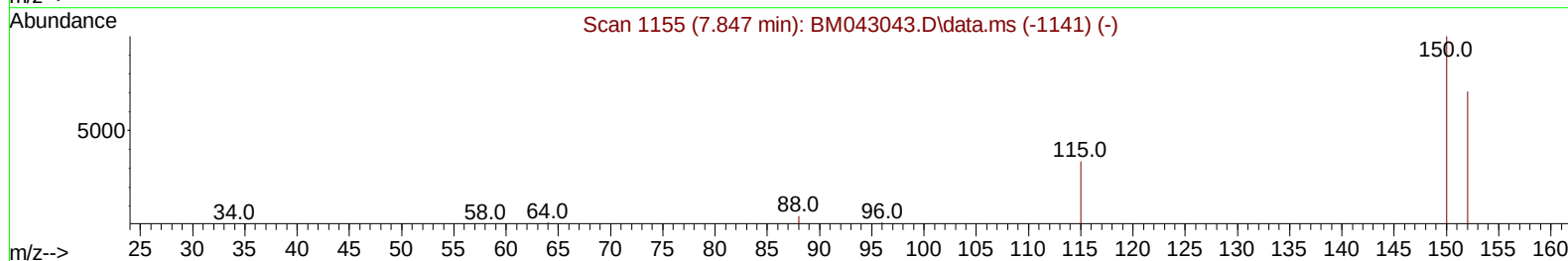
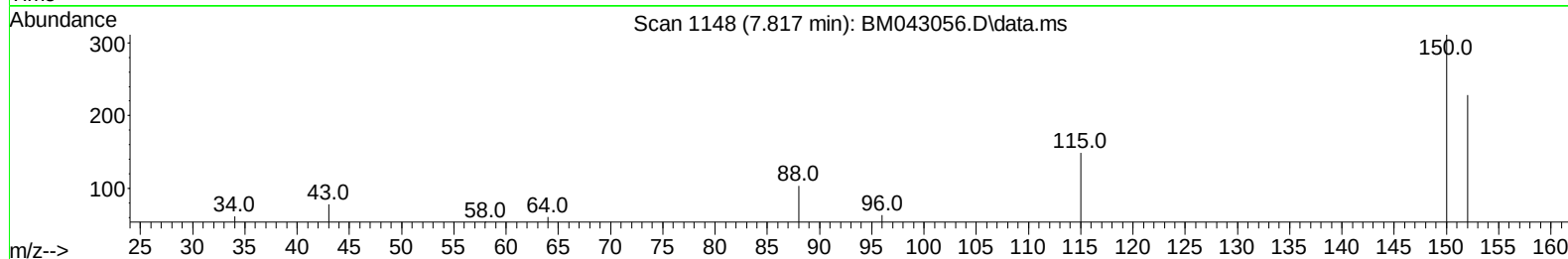
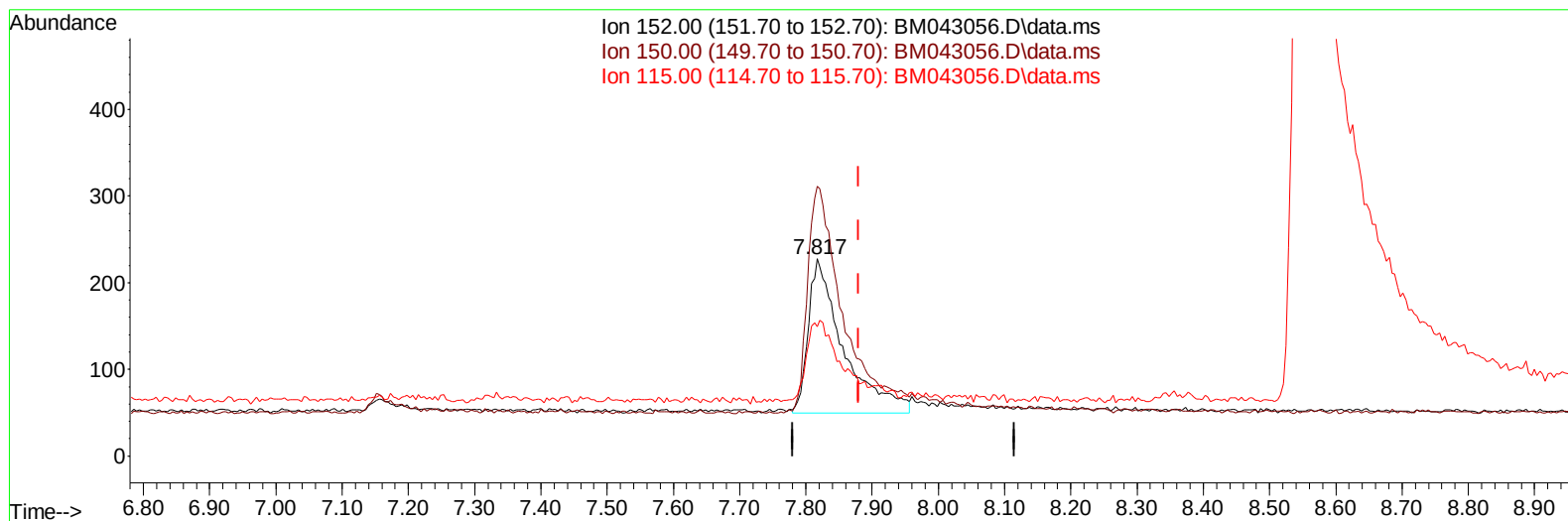
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TIC: BM043056.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul m

response 651

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	136.40
115.00	89.60	65.35#
0.00	0.00	0.00

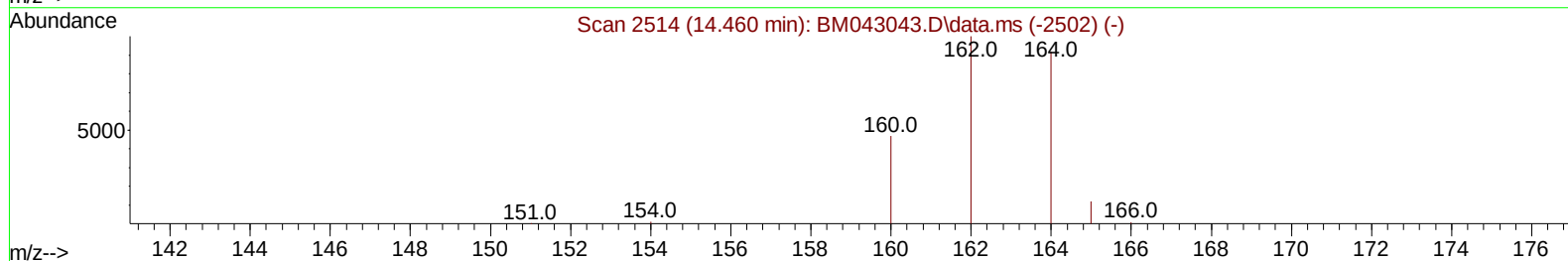
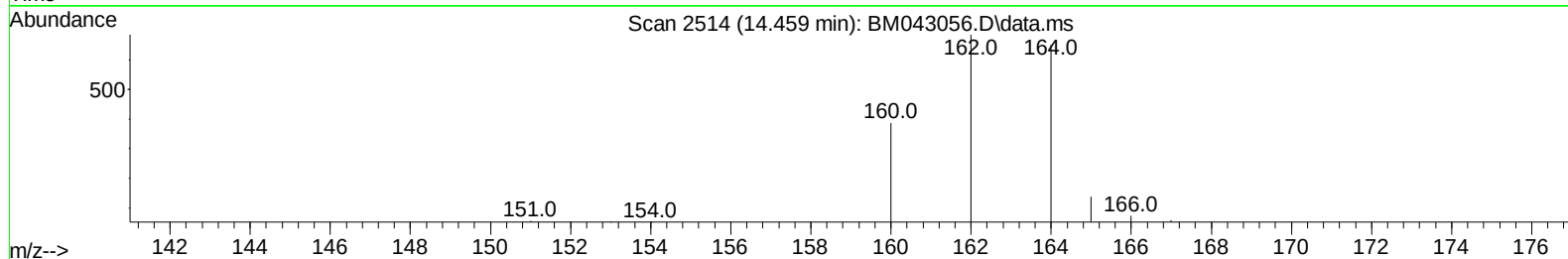
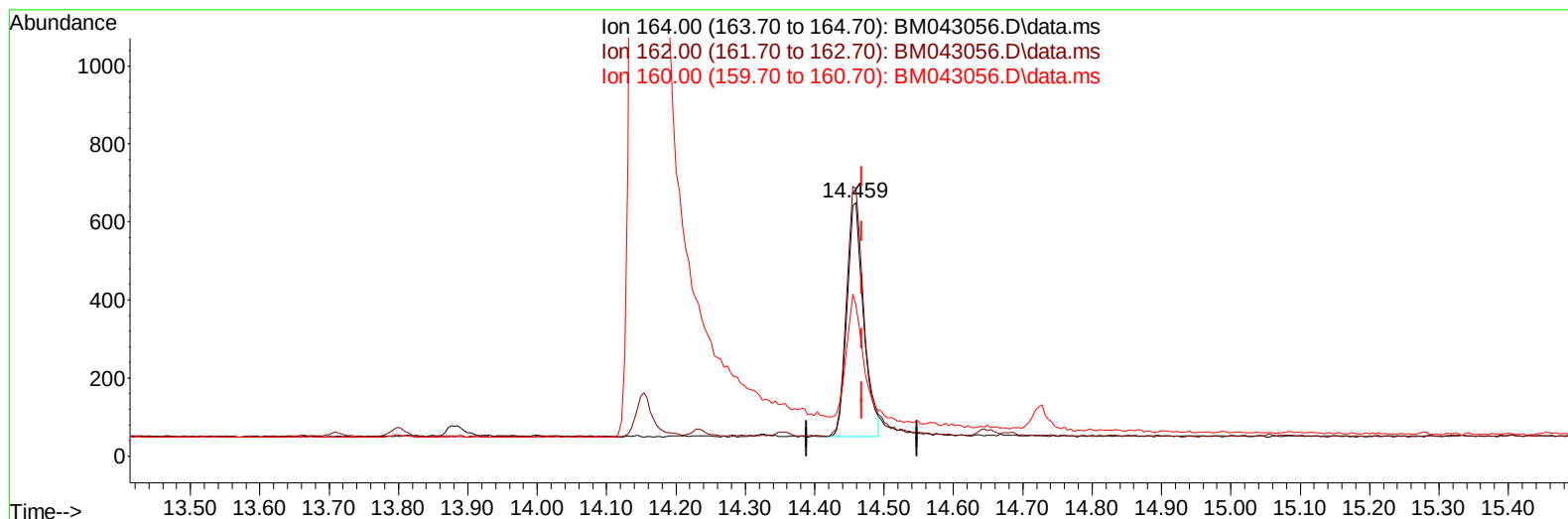
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TIC: BM043056.D\data.ms

(9) Acenaphthene-d10 (I)

14.459min (-0.009) 0.40 ng/u1

response 989

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.38
160.00	57.20	59.38
0.00	0.00	0.00

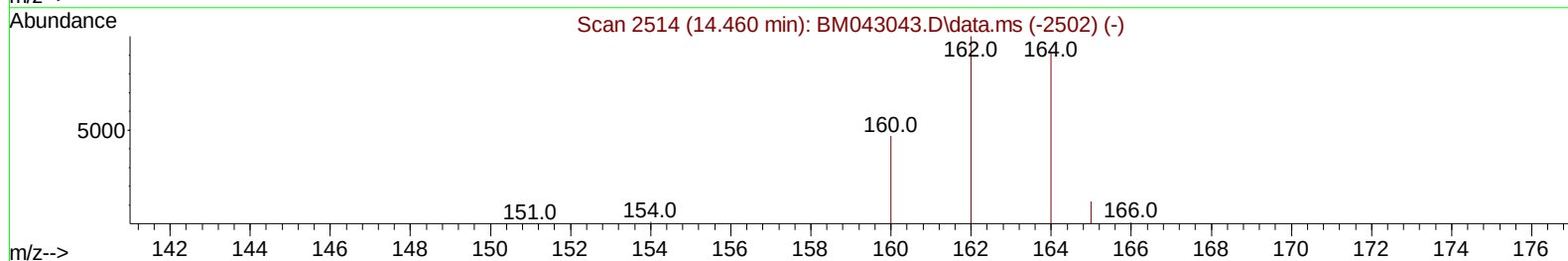
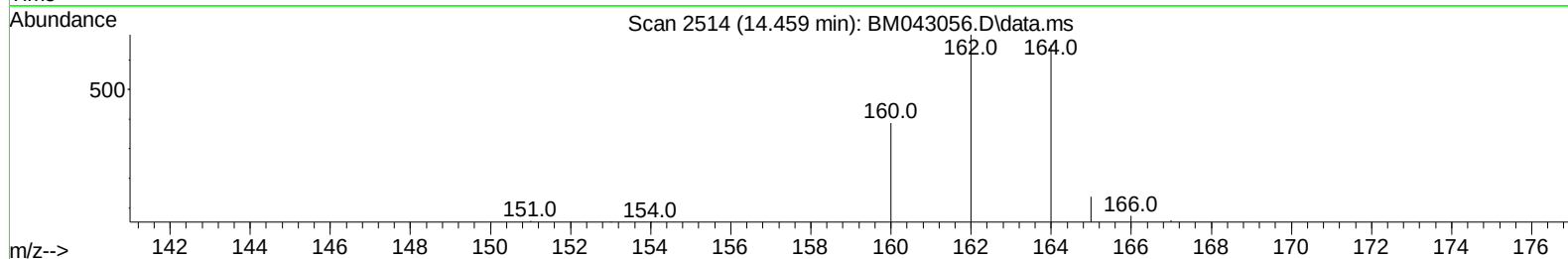
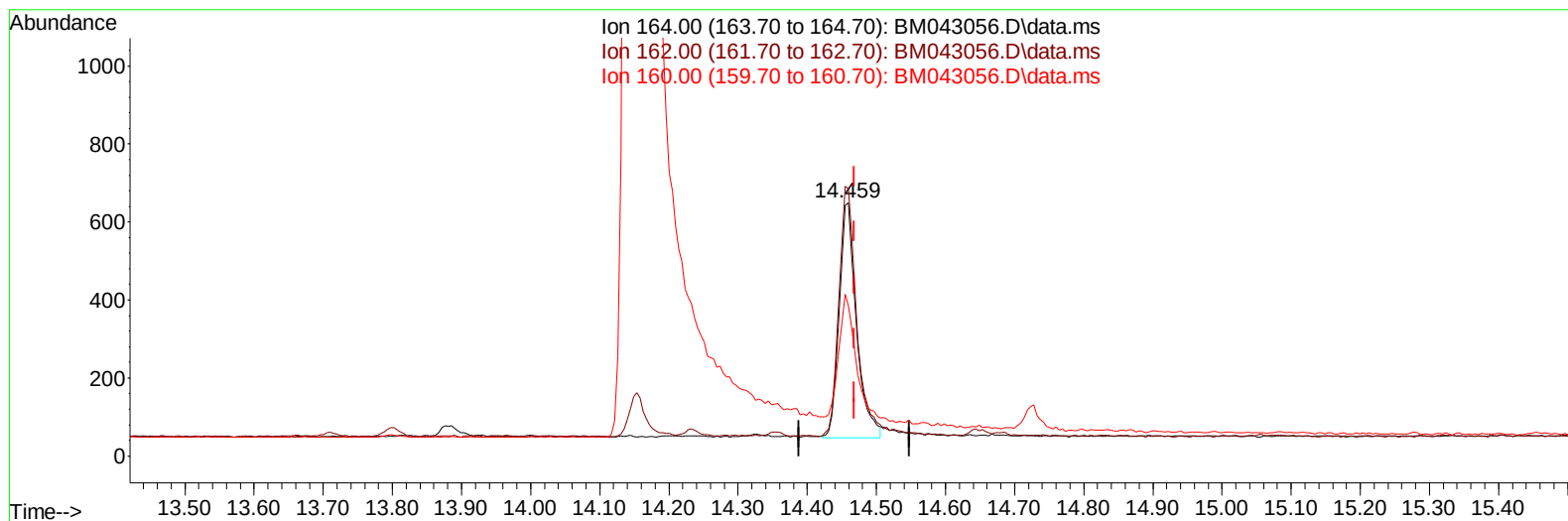
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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Sample : 05261-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM043056.D\data.ms

(9) Acenaphthene-d10 (I)

14.459min (-0.009) 0.40 ng/ul m

response 1030

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.38
160.00	57.20	59.38
0.00	0.00	0.00

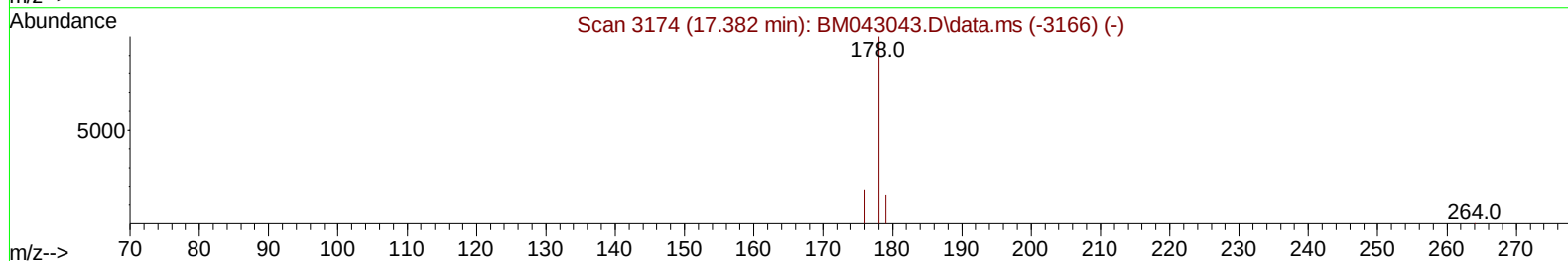
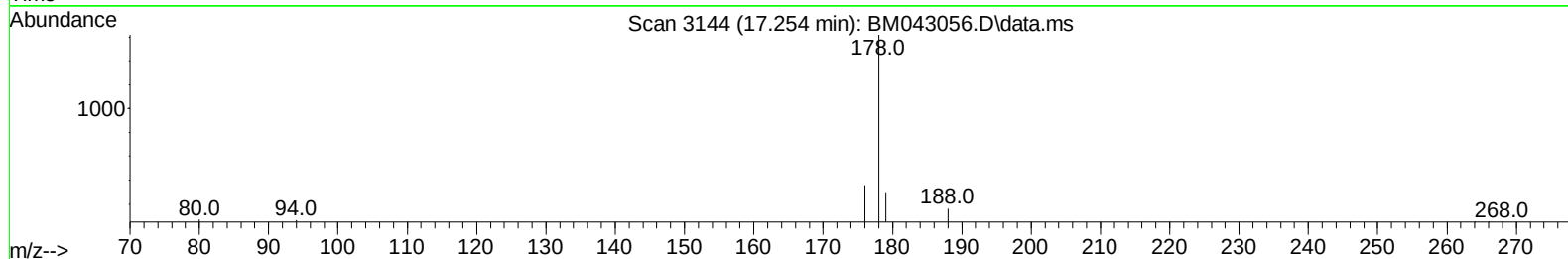
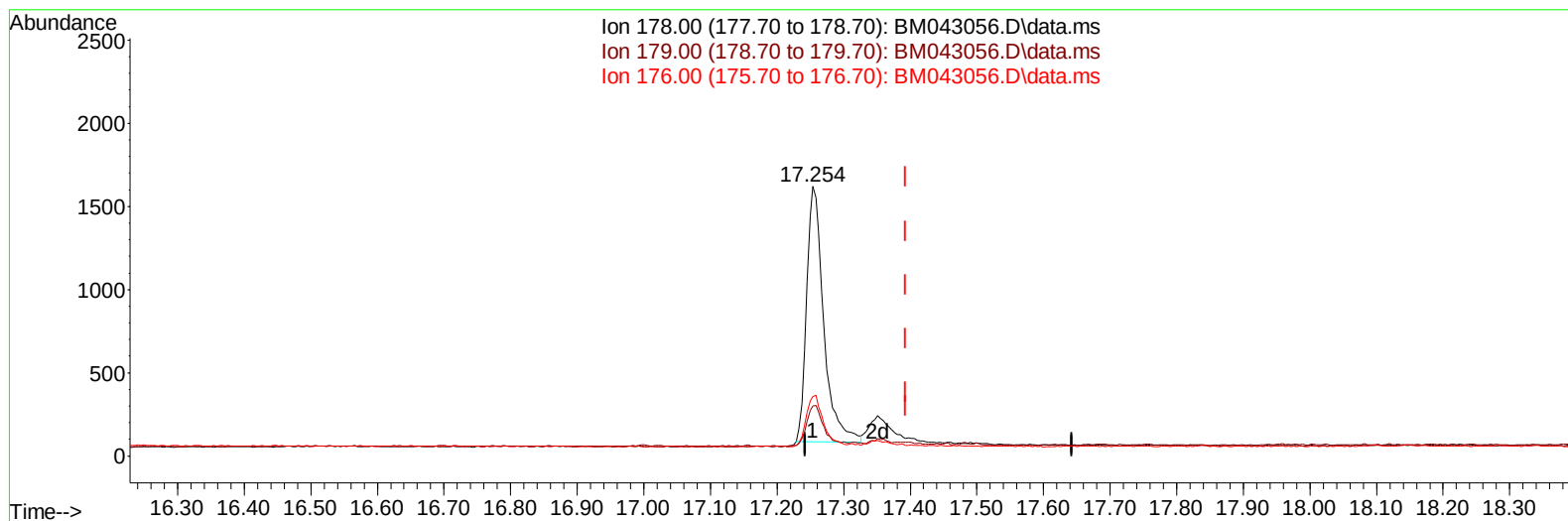
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TIC: BM043056.D\data.ms

(16) Anthracene

17.254min (-0.139) 0.49 ng/u1

response 2710

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.58
176.00	25.60	22.10
0.00	0.00	0.00

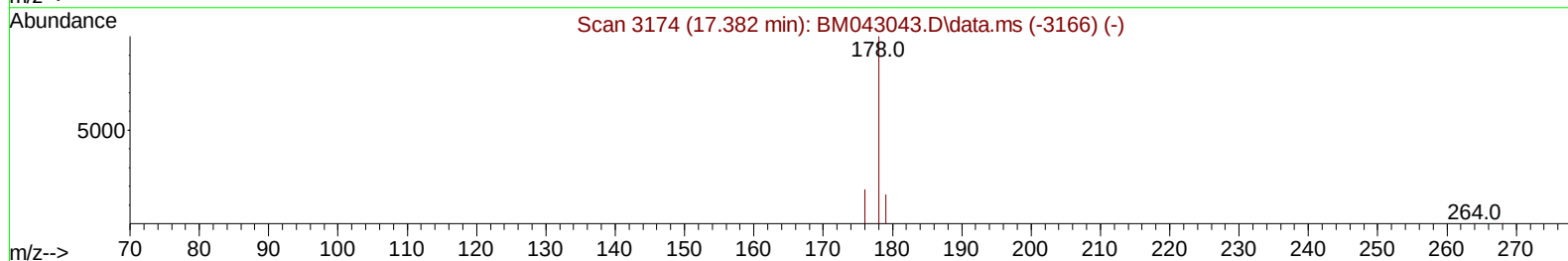
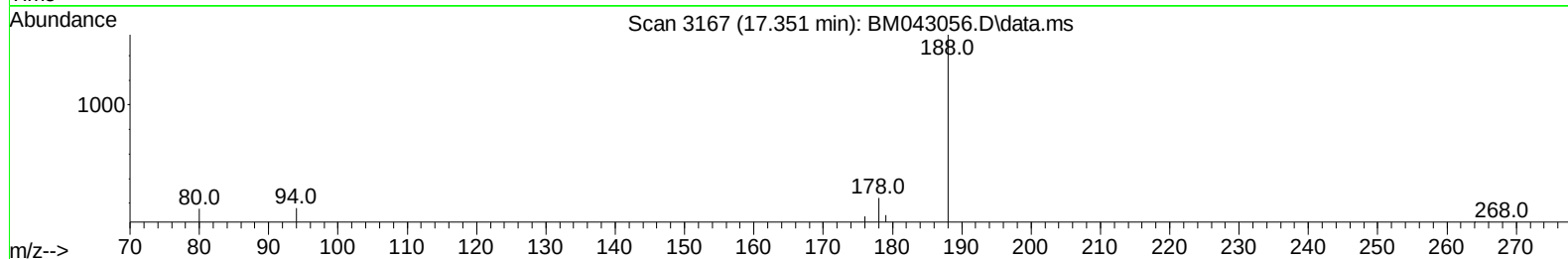
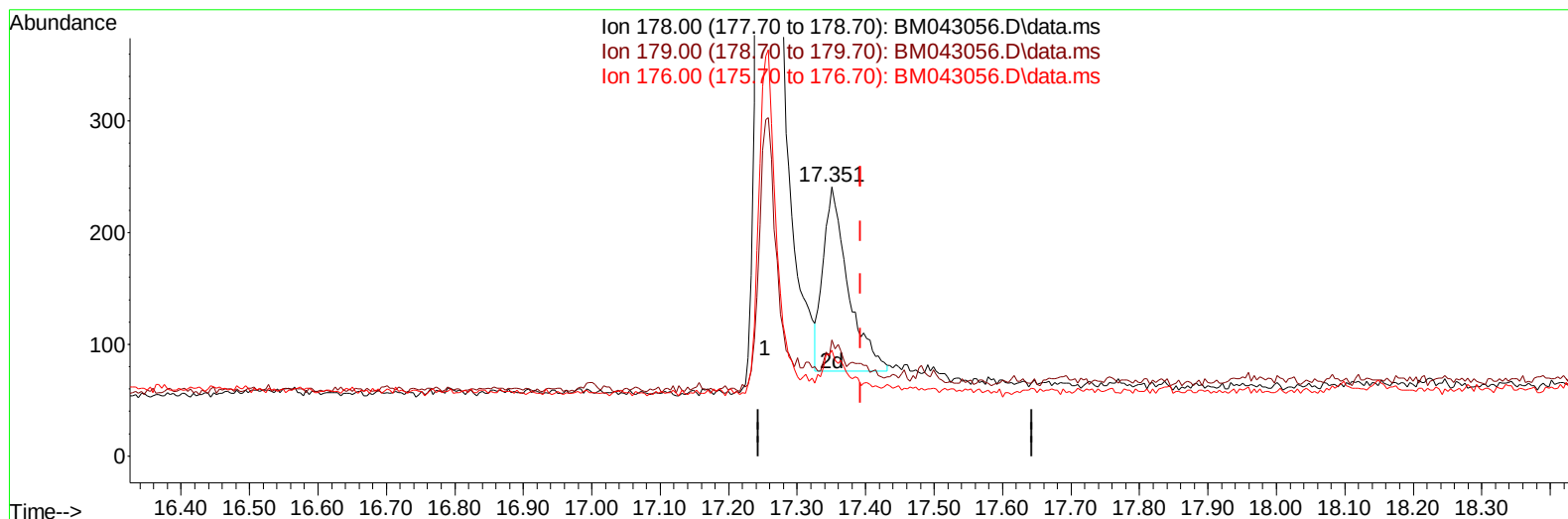
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043056.D
Acq On : 27 Nov 2023 19:24
Operator : MA/JU
Sample : 05261-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043056.D\data.ms

(16) Anthracene

17.351min (-0.042) 0.08 ng/ul m

response 418

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	43.15#
176.00	25.60	39.42#
0.00	0.00	0.00

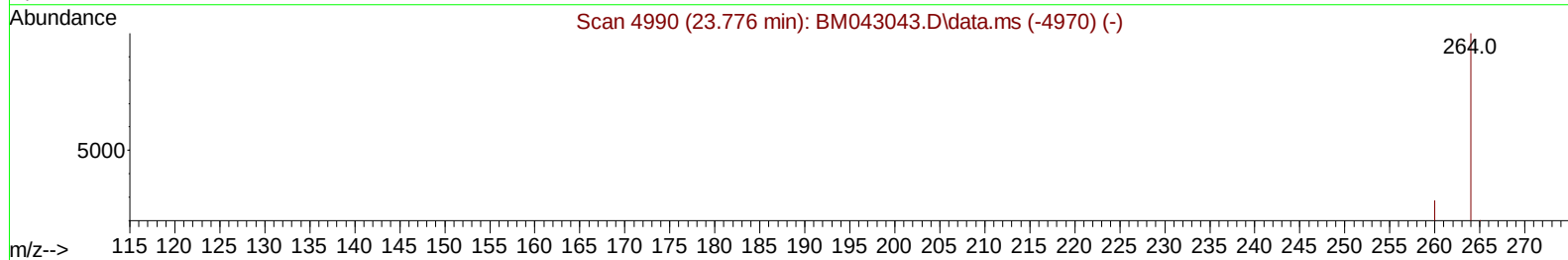
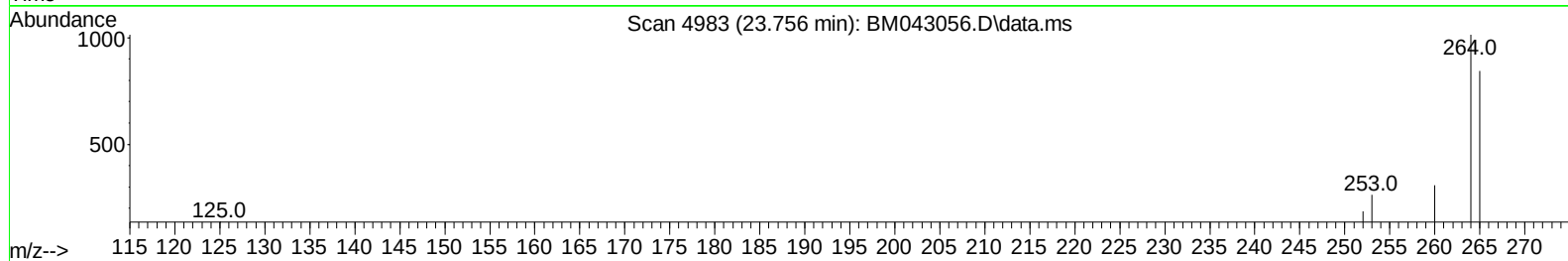
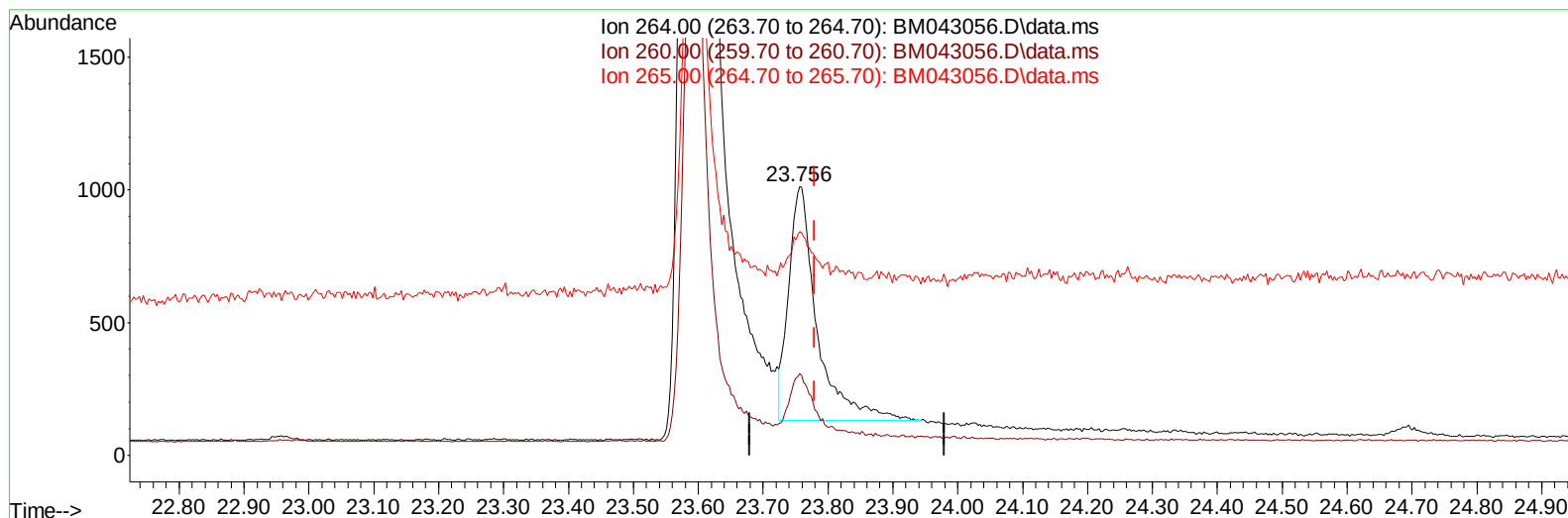
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 Operator : MA/JU
 Sample : 05261-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM043056.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/u1

response 2690

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.37
265.00	120.30	83.14#
0.00	0.00	0.00

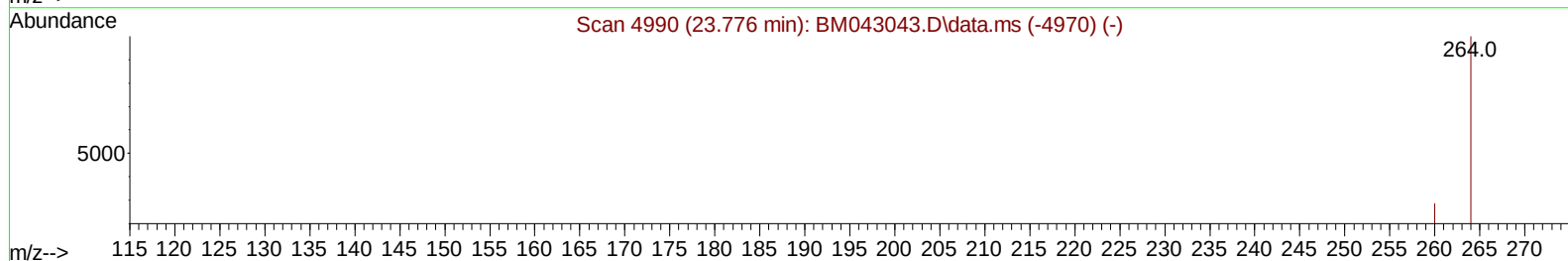
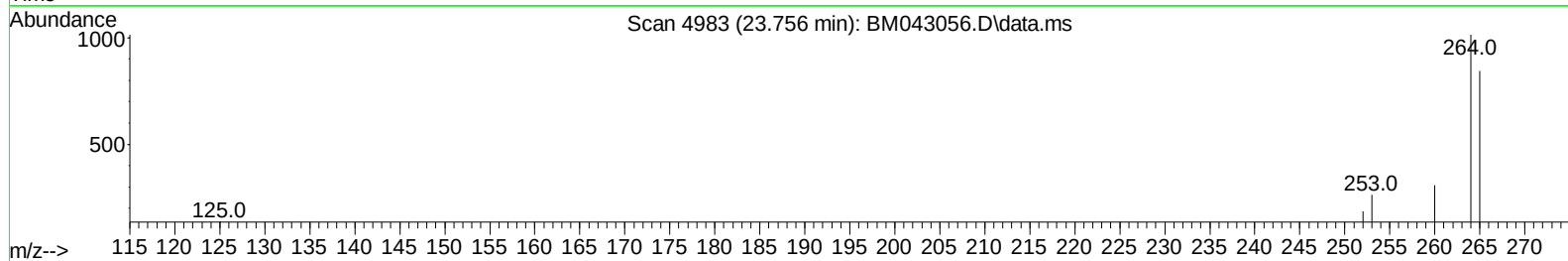
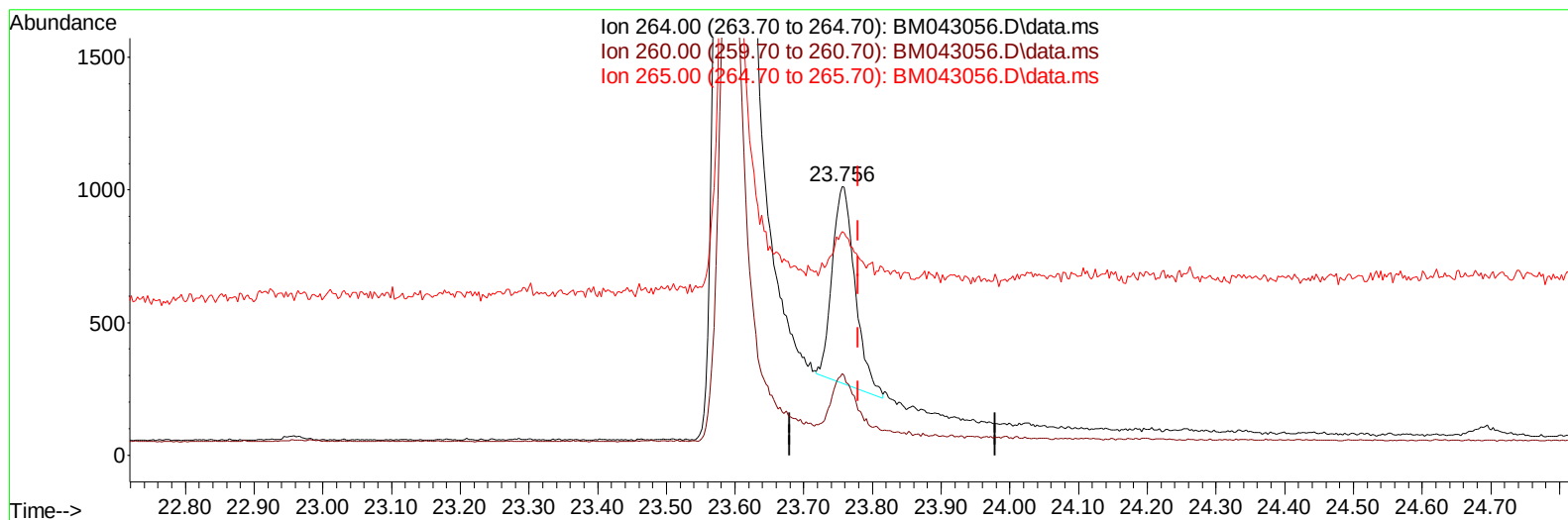
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 Acq On : 27 Nov 2023 19:24
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 Sample : 05261-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043056.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/ul m

response 1712

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.37
265.00	120.30	83.14#
0.00	0.00	0.00

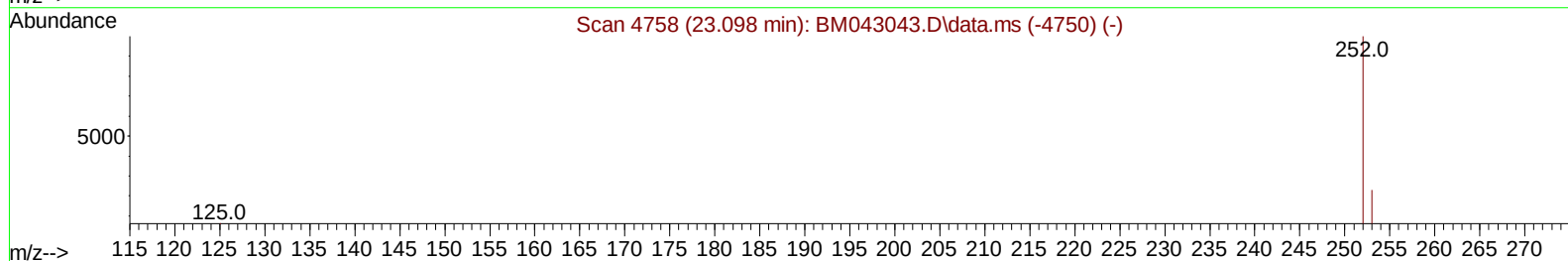
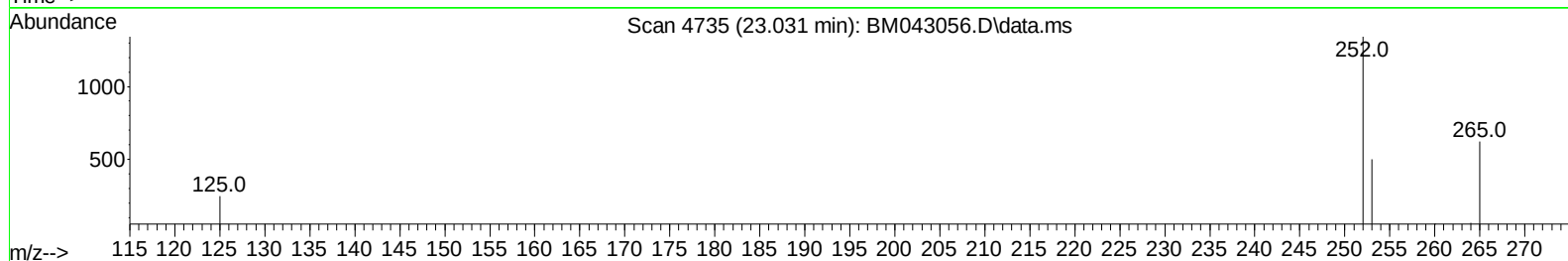
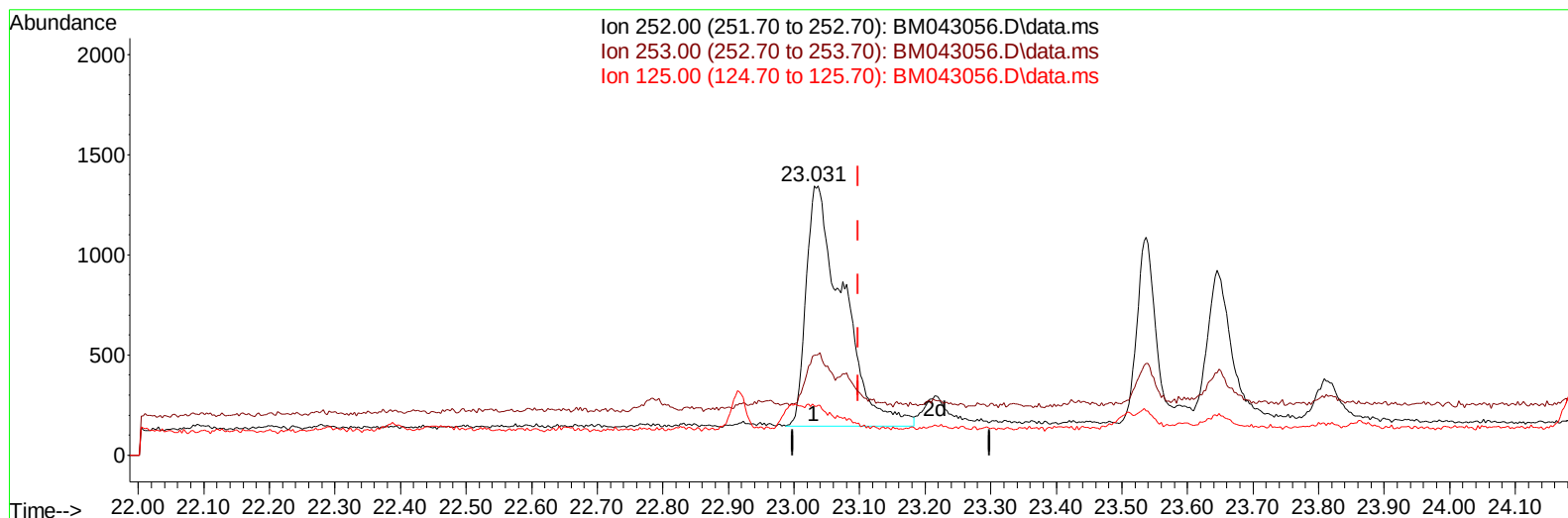
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TIC: BM043056.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.067) 0.59 ng/u1

response 4683

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	37.23
125.00	13.80	18.24#
0.00	0.00	0.00

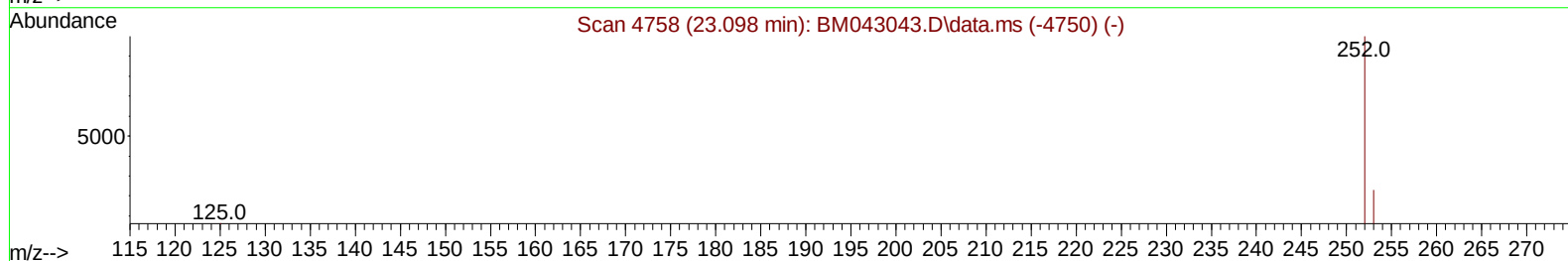
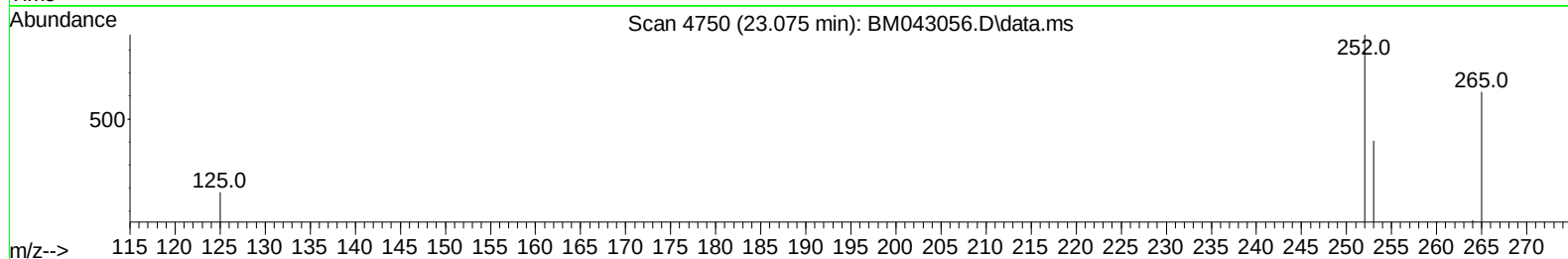
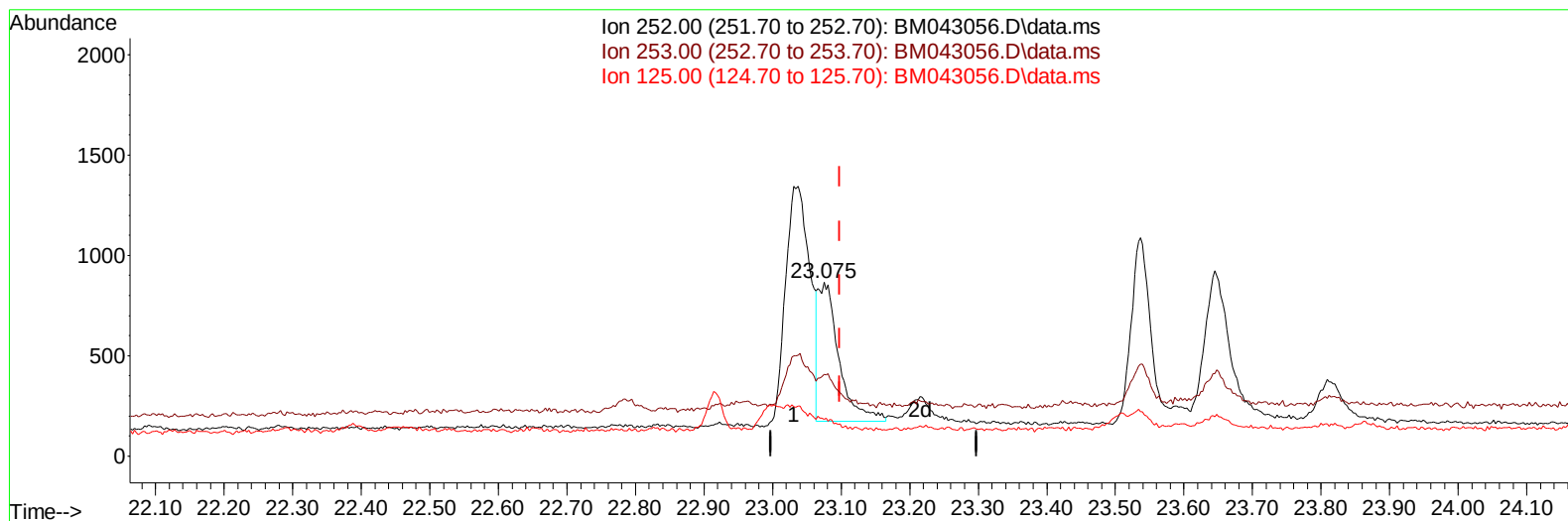
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TIC: BM043056.D\data.ms

(25) Benzo(k)fluoranthene

23.075min (-0.023) 0.19 ng/ul m

response 1473

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	46.88#
125.00	13.80	21.02#
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	7.817	152	651m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.622	136	1869	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.459	164	1030m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	2045	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	1594	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	1712m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	743	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	145	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	297	0.051	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.186	152	117	0.022	ng/ul#	17
11) Acenaphthene	14.524	153	115	0.029	ng/ul#	87
12) Fluorene	15.519	166	103	0.025	ng/ul#	86
15) Phenanthrene	17.254	178	2901	0.497	ng/ul	97
16) Anthracene	17.351	178	418m	0.076	ng/ul	
19) Fluoranthene	19.270	202	5378	0.595	ng/ul#	95
20) Pyrene	19.637	202	5112	0.532	ng/ul	96
21) Benzo(a)anthracene	21.386	228	2006	0.388	ng/ul	99
22) Chrysene	21.438	228	2342	0.243	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	2991	0.518	ng/ul	96
25) Benzo(k)fluoranthene	23.075	252	1473m	0.185	ng/ul	
26) Benzo(a)pyrene	23.645	252	1828	0.290	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.215	276	1925	0.226	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.222	278	427	0.065	ng/ul#	31
29) Benzo(g,h,i)perylene	26.983	276	2046	0.246	ng/ul	96

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

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