

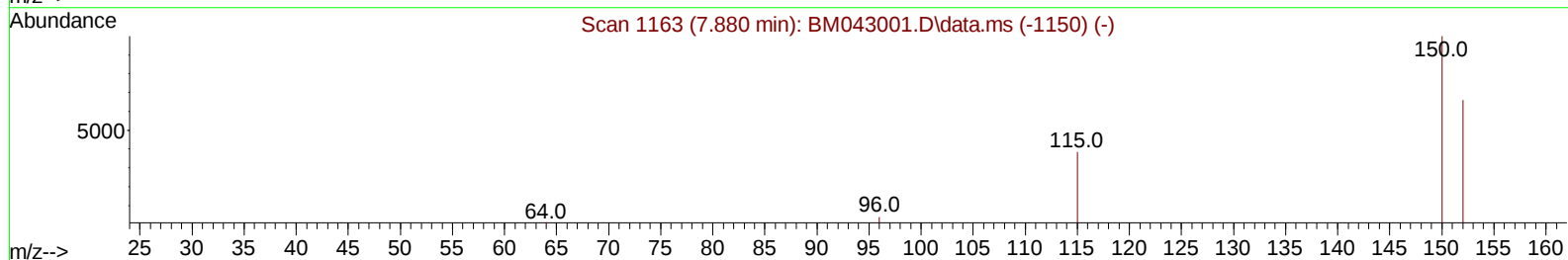
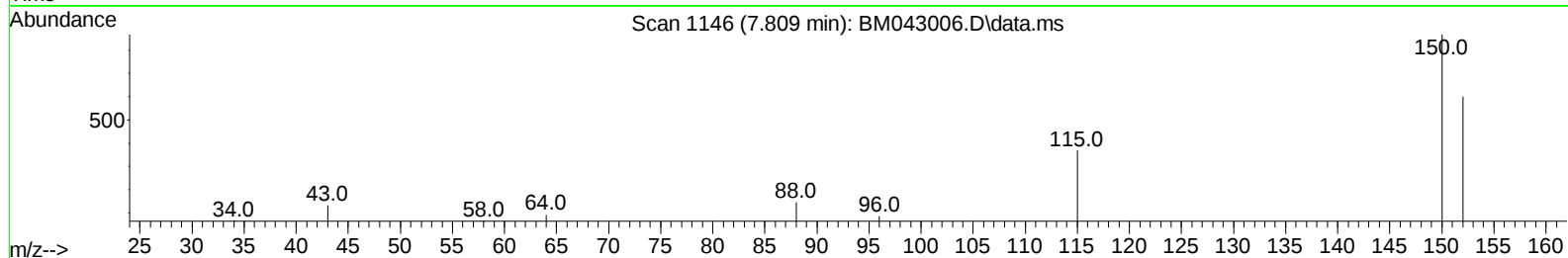
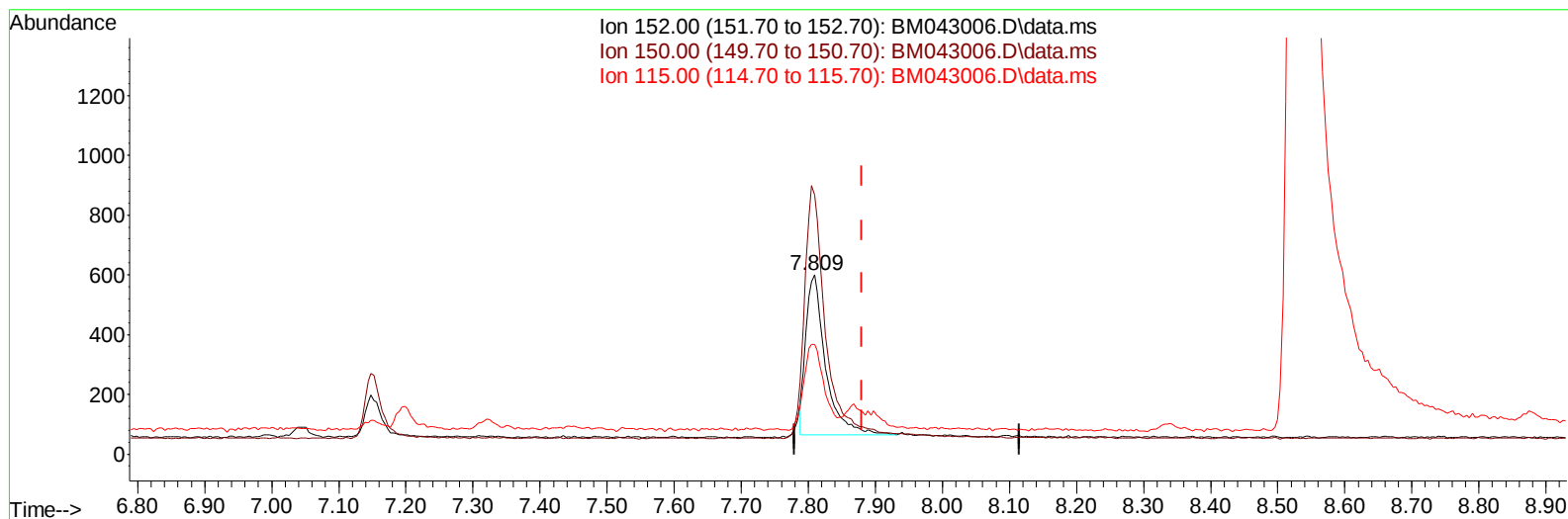
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043006.D
 Acq On : 25 Nov 2023 08:26
 Operator : MA/JU
 Sample : 05261-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:42:26 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 11/28/2023



TIC: BM043006.D\data.ms

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

7.809min (-0.071) 0.40 ng/u1

response 1093

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.26
115.00	89.60	61.23#
0.00	0.00	0.00

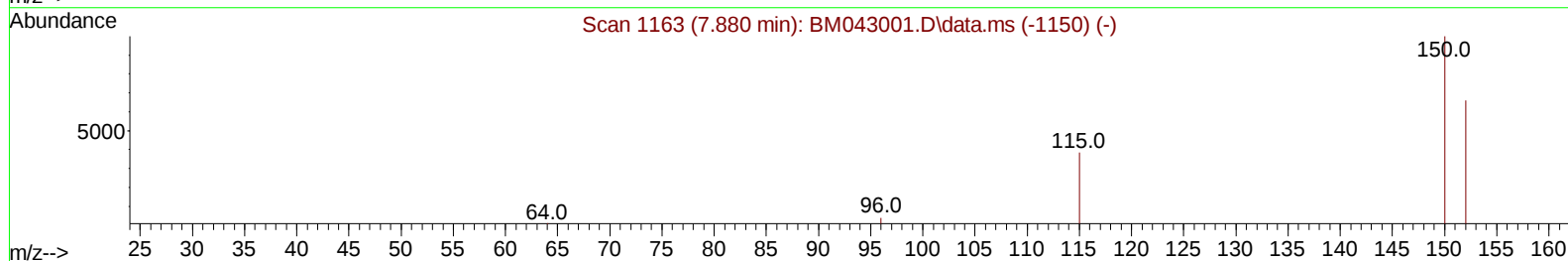
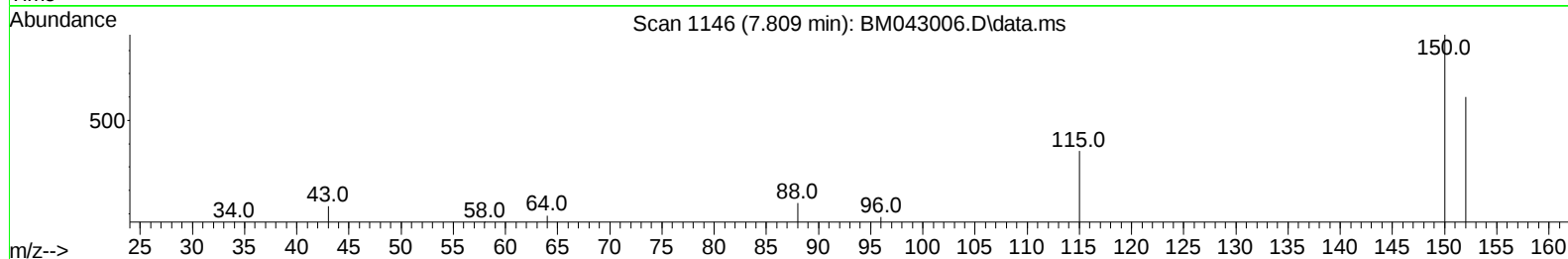
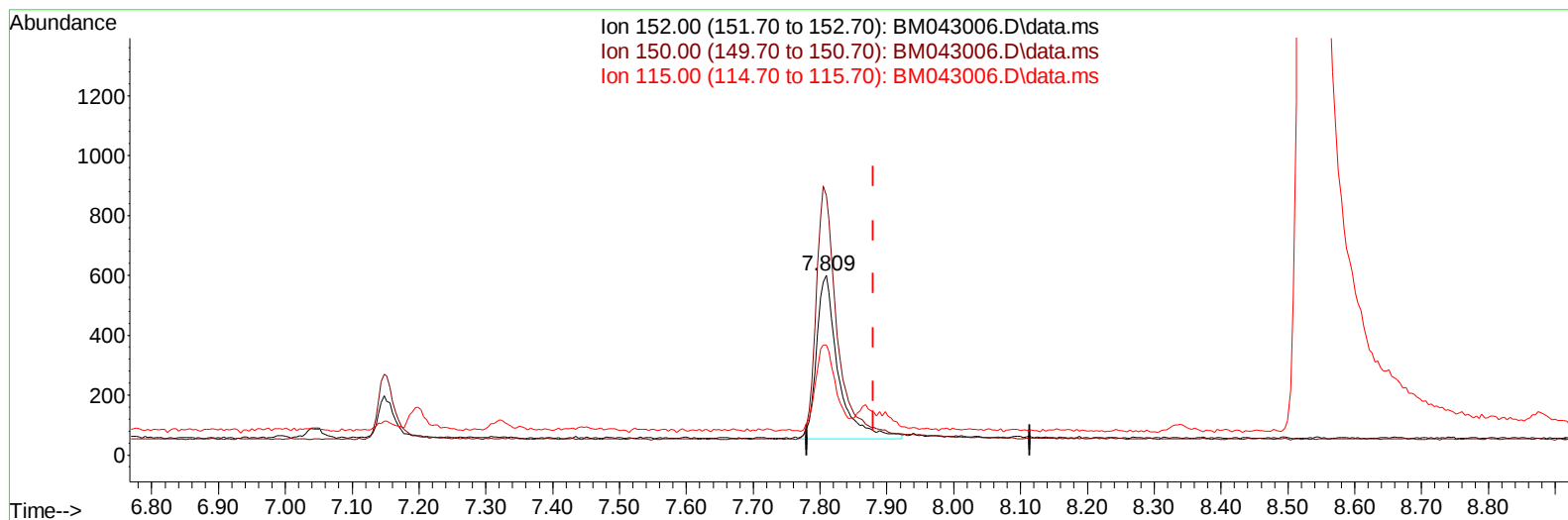
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TIC: BM043006.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 1238

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.26
115.00	89.60	61.23#
0.00	0.00	0.00

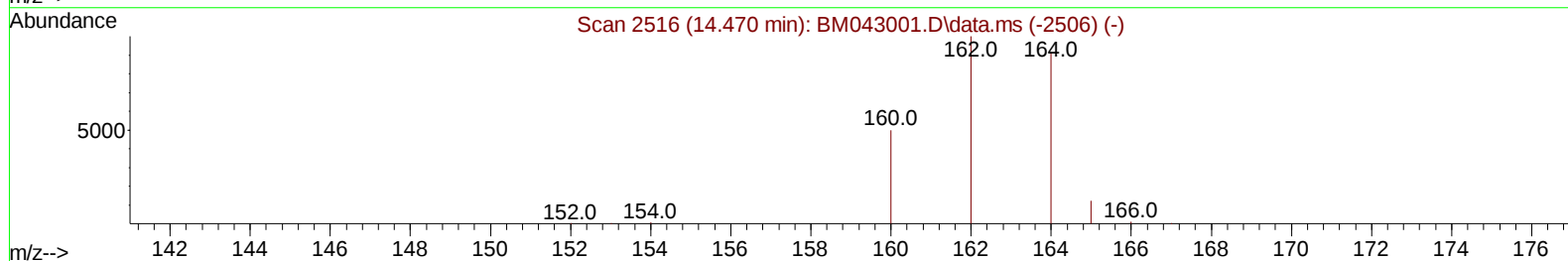
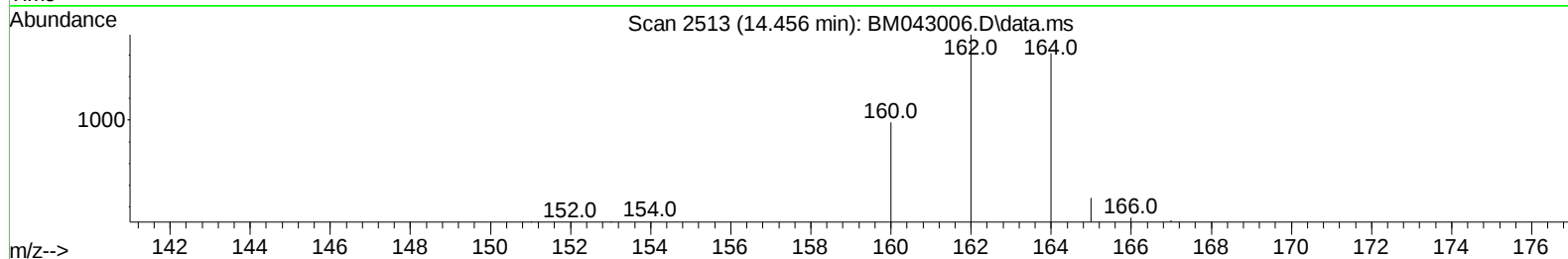
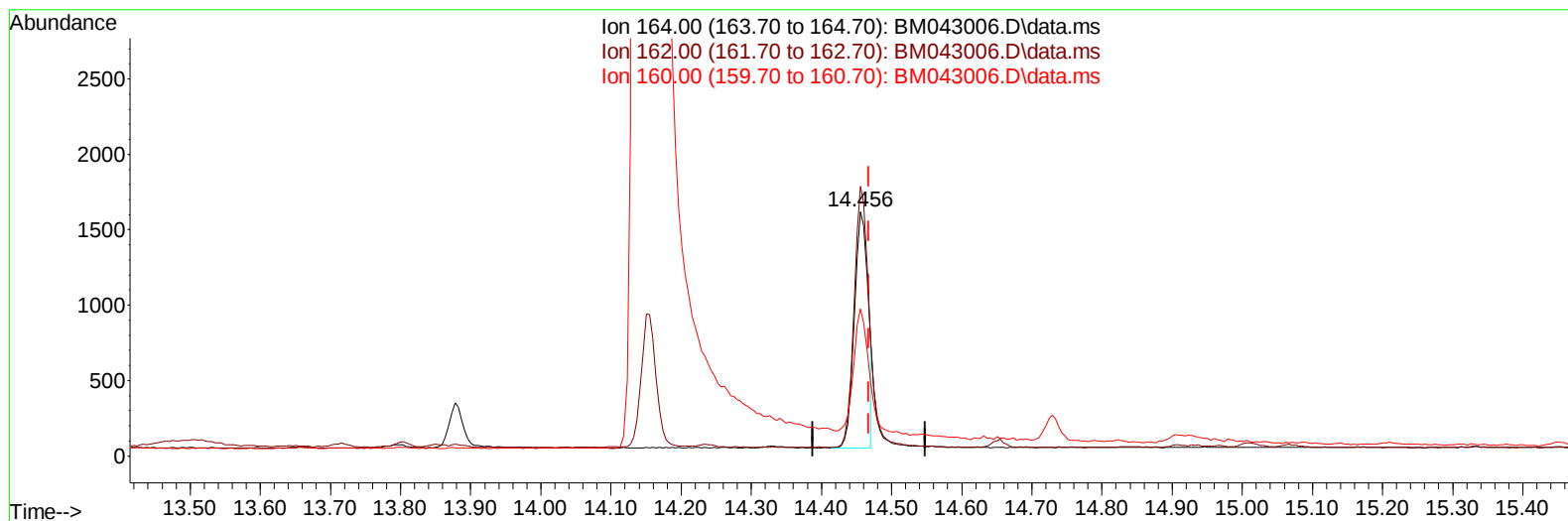
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TIC: BM043006.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.012) 0.40 ng/u1

response 2127

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.31
160.00	57.20	60.31
0.00	0.00	0.00

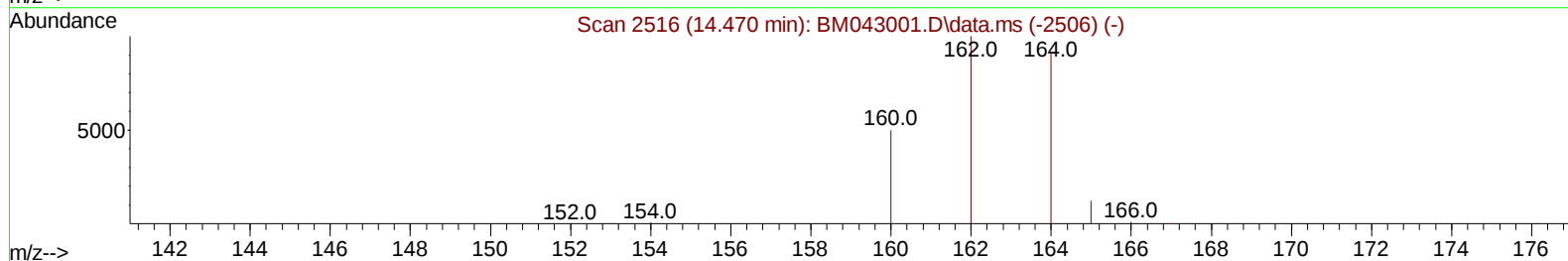
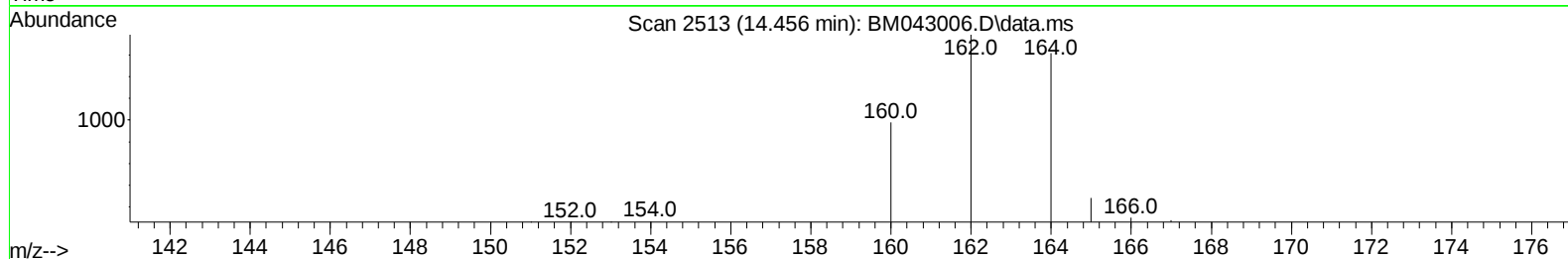
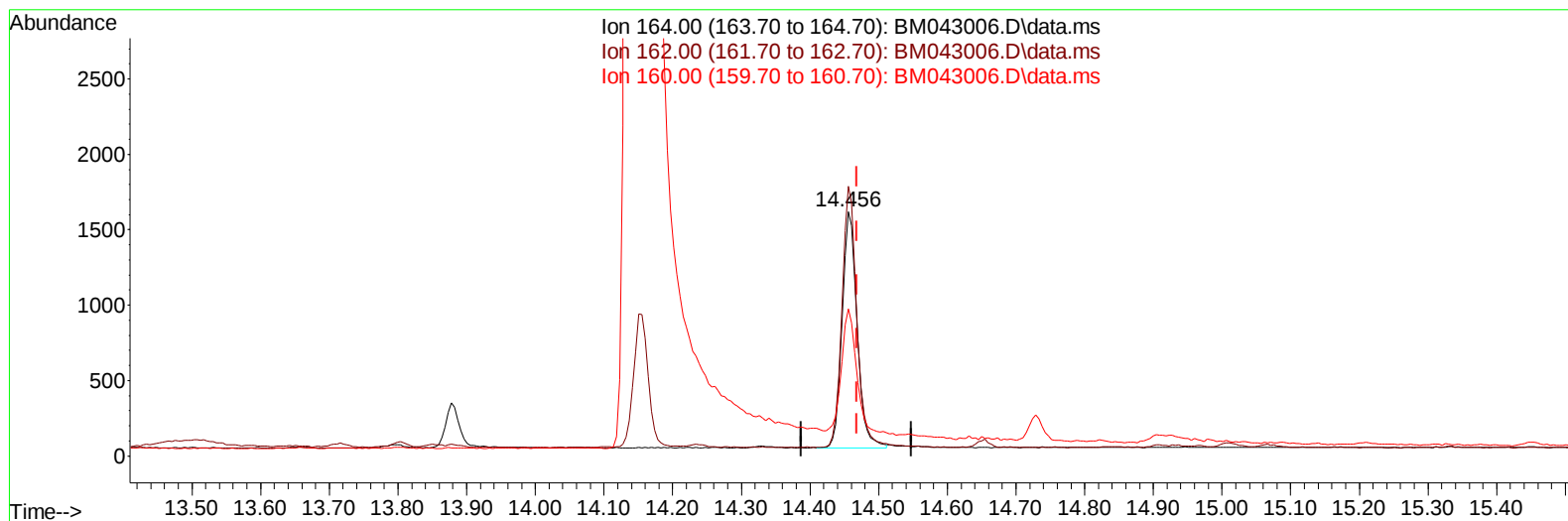
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043006.D
Acq On : 25 Nov 2023 08:26
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Sample : 05261-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043006.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.012) 0.40 ng/ul m

response 2392

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.31
160.00	57.20	60.31
0.00	0.00	0.00

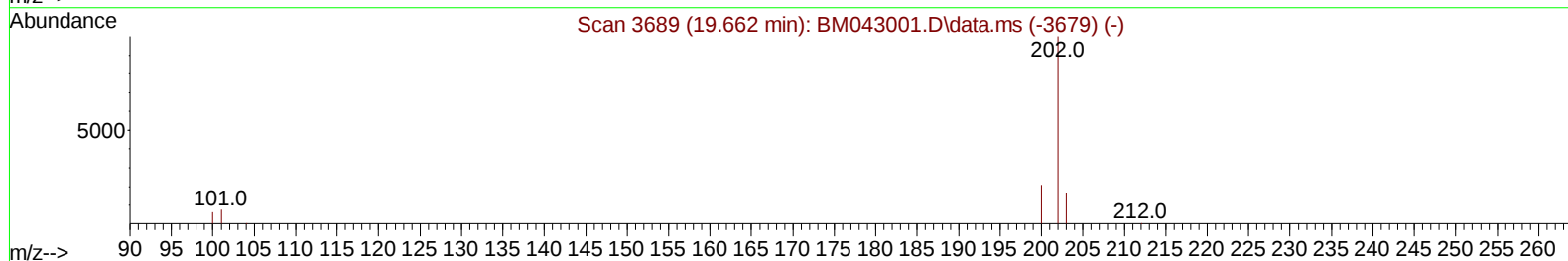
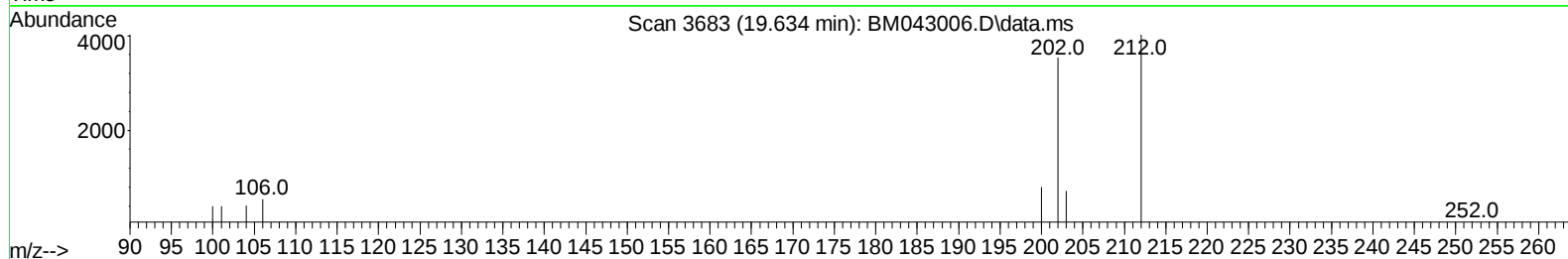
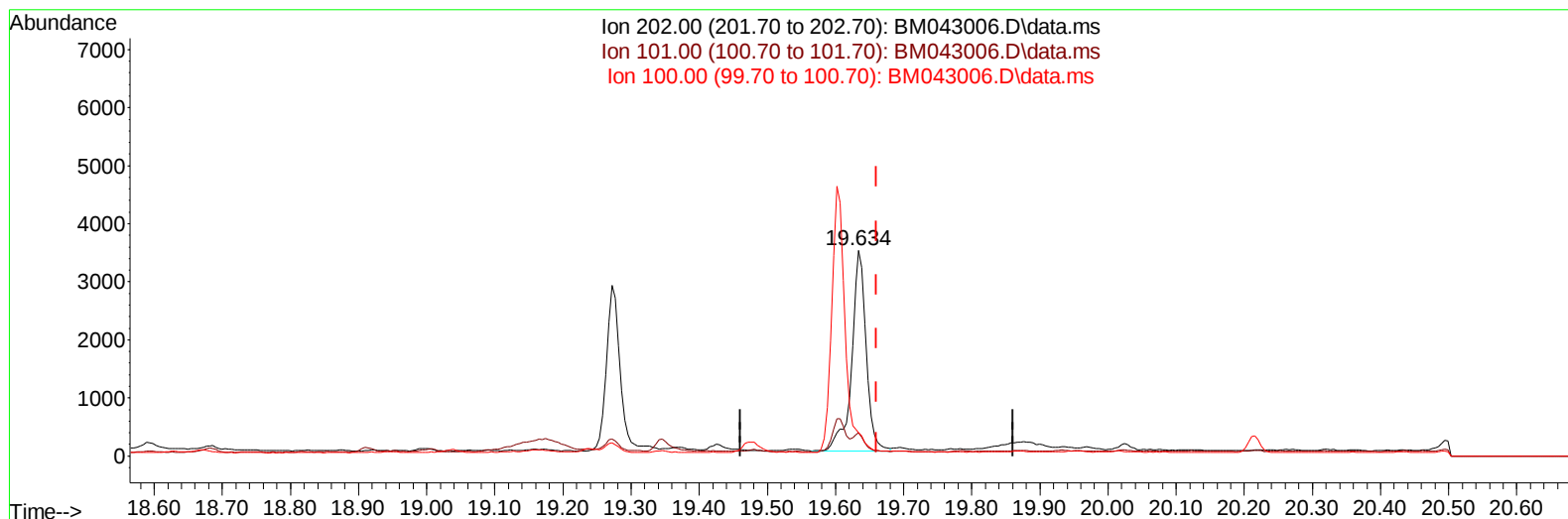
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TIC: BM043006.D\data.ms

(20) Pyrene

19.634min (-0.026) 0.27 ng/u1

response 5237

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	11.28
100.00	9.80	11.28
0.00	0.00	0.00

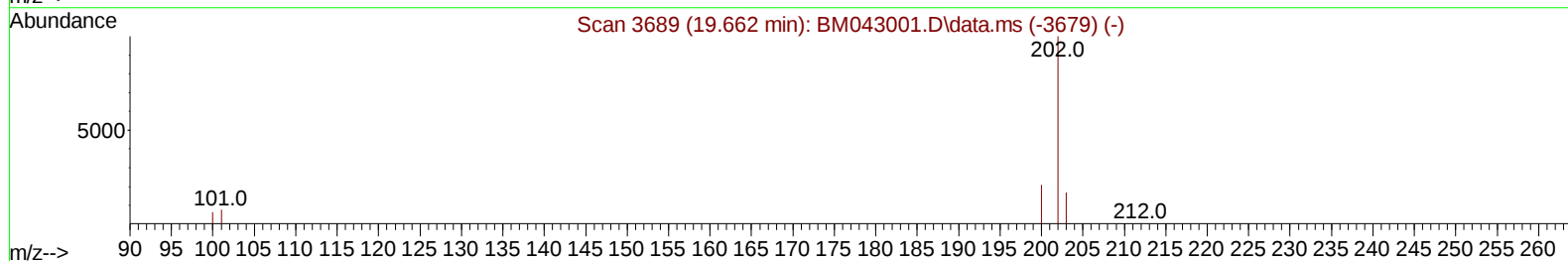
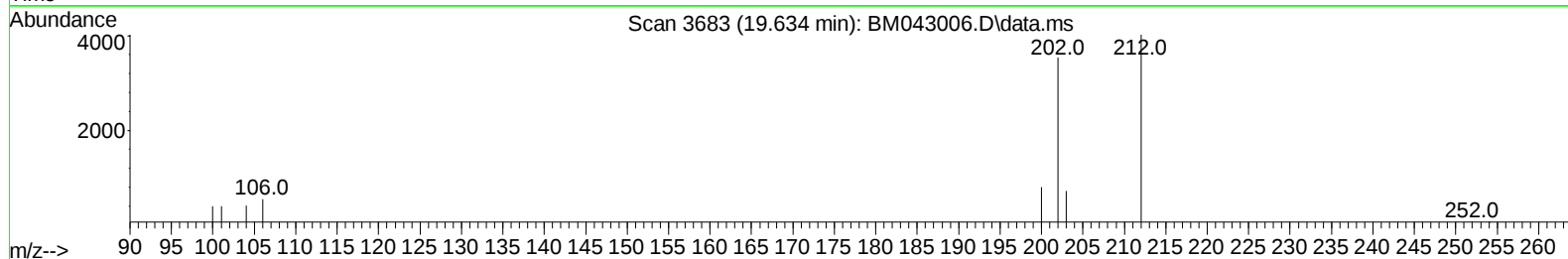
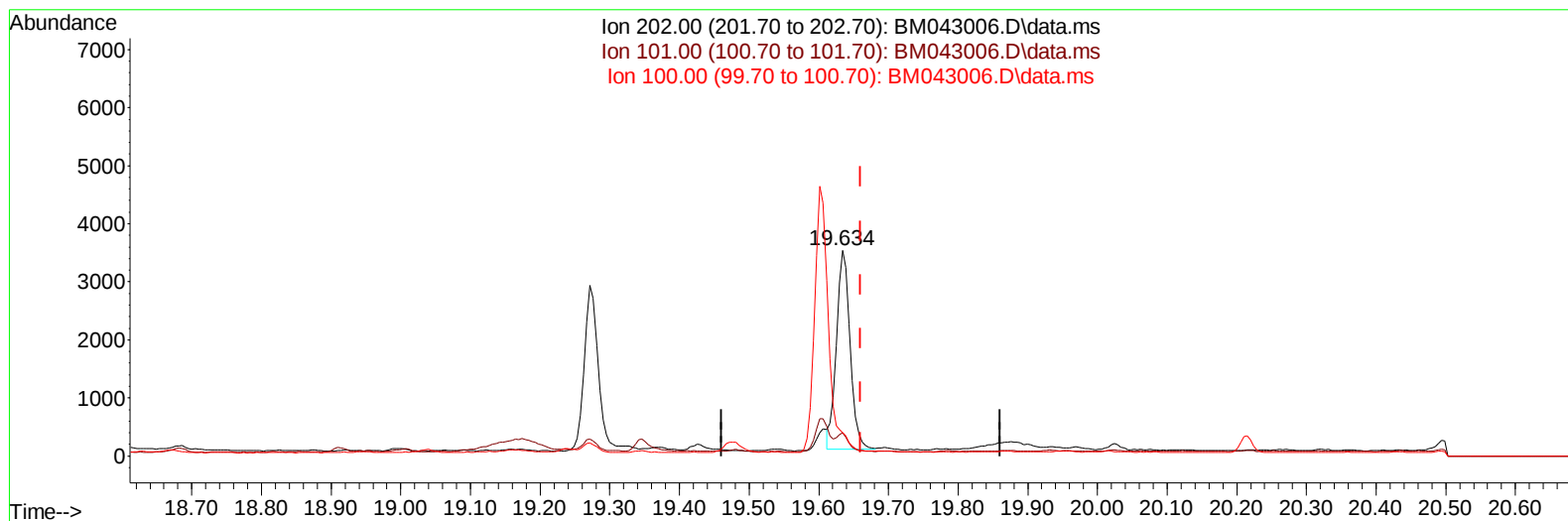
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 Data File : BM043006.D
 Acq On : 25 Nov 2023 08:26
 Operator : MA/JU
 Sample : 05261-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043006.D\data.ms

(20) Pyrene

19.634min (-0.026) 0.25 ng/ul m

response 4736

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	11.28
100.00	9.80	11.28
0.00	0.00	0.00

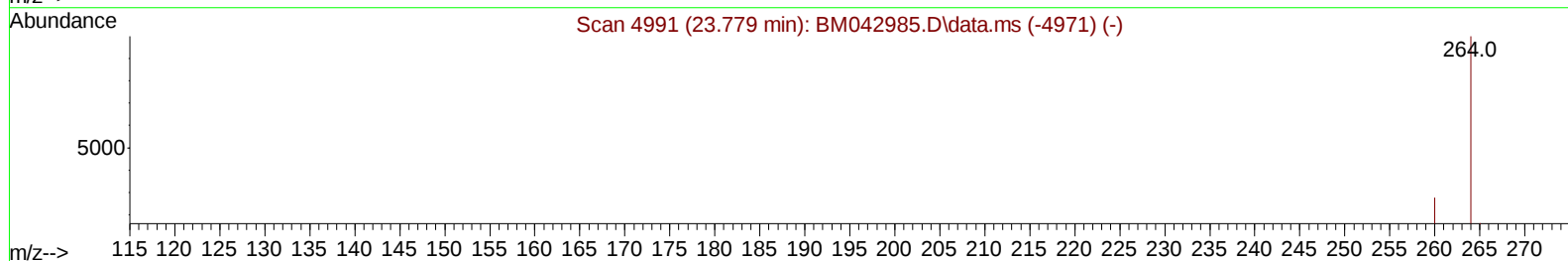
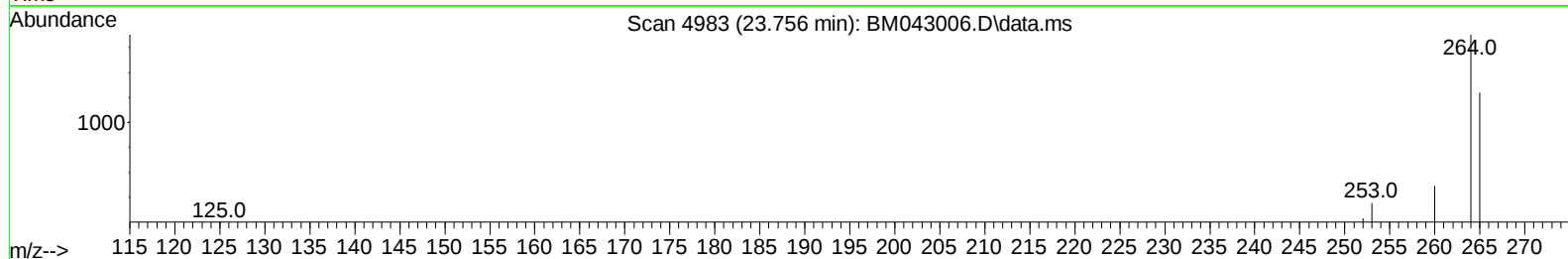
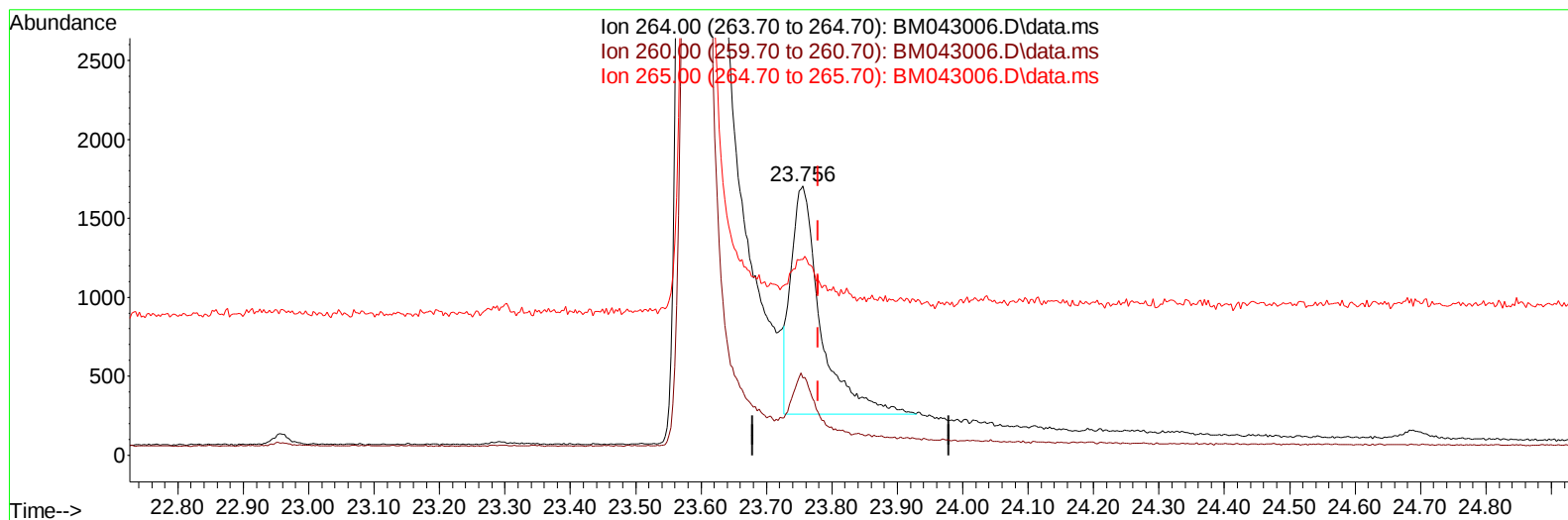
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043006.D
 Acq On : 25 Nov 2023 08:26
 Operator : MA/JU
 Sample : 05261-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 27 23:02:21 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 11/28/2023



TIC: BM043006.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/u1

response 4602

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.76
265.00	120.30	72.83#
0.00	0.00	0.00

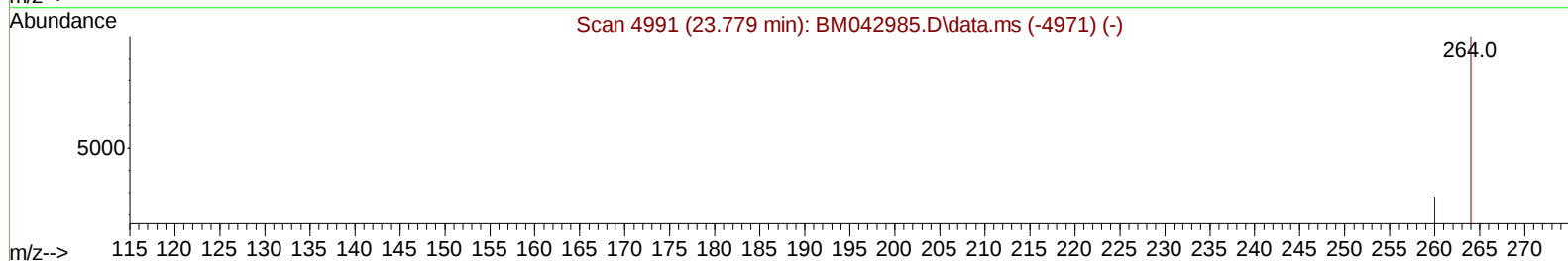
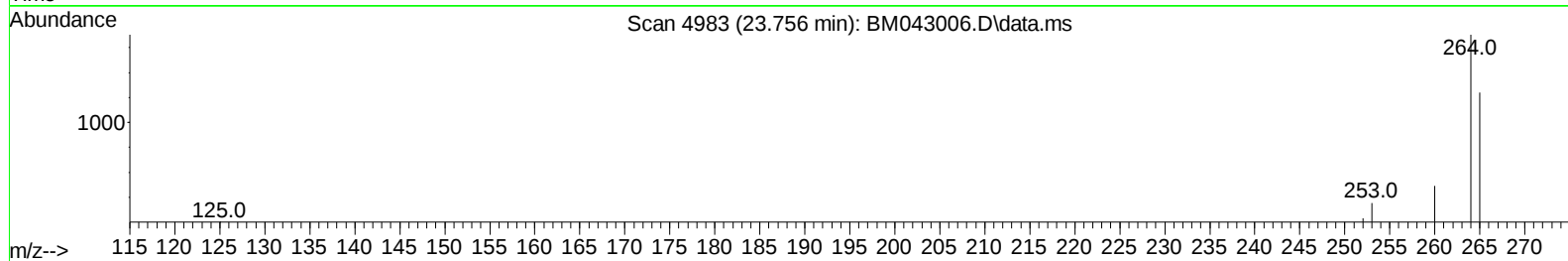
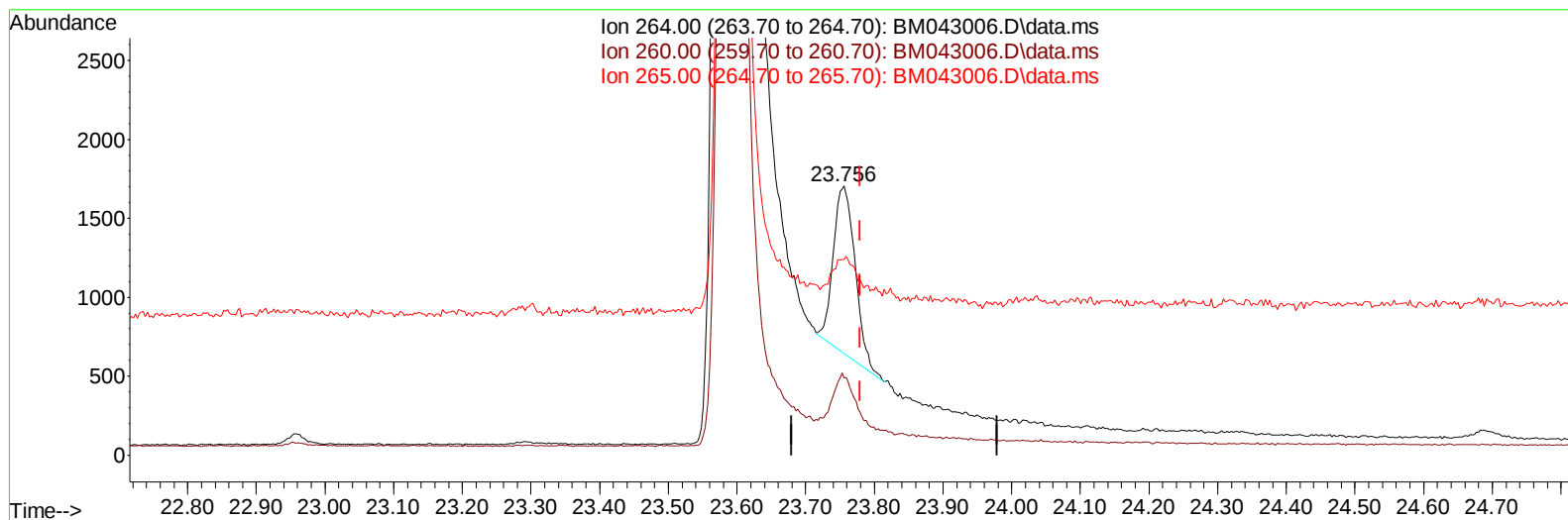
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Data File : BM043006.D
Acq On : 25 Nov 2023 08:26
Operator : MA/JU
Sample : 05261-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:42:26 2023
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TIC: BM043006.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/ul m

response 2319

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.76
265.00	120.30	72.83#
0.00	0.00	0.00

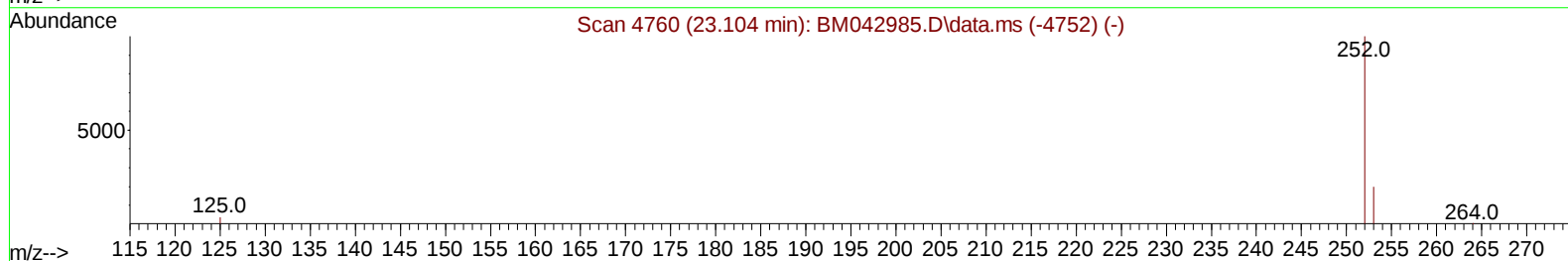
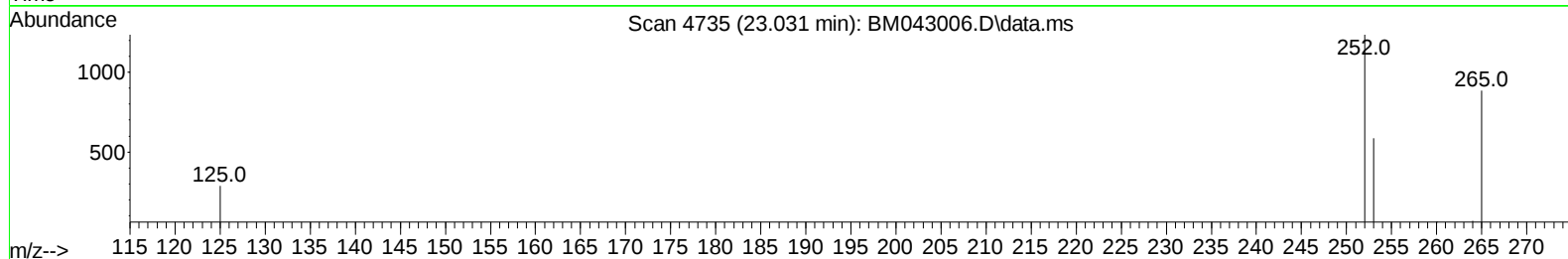
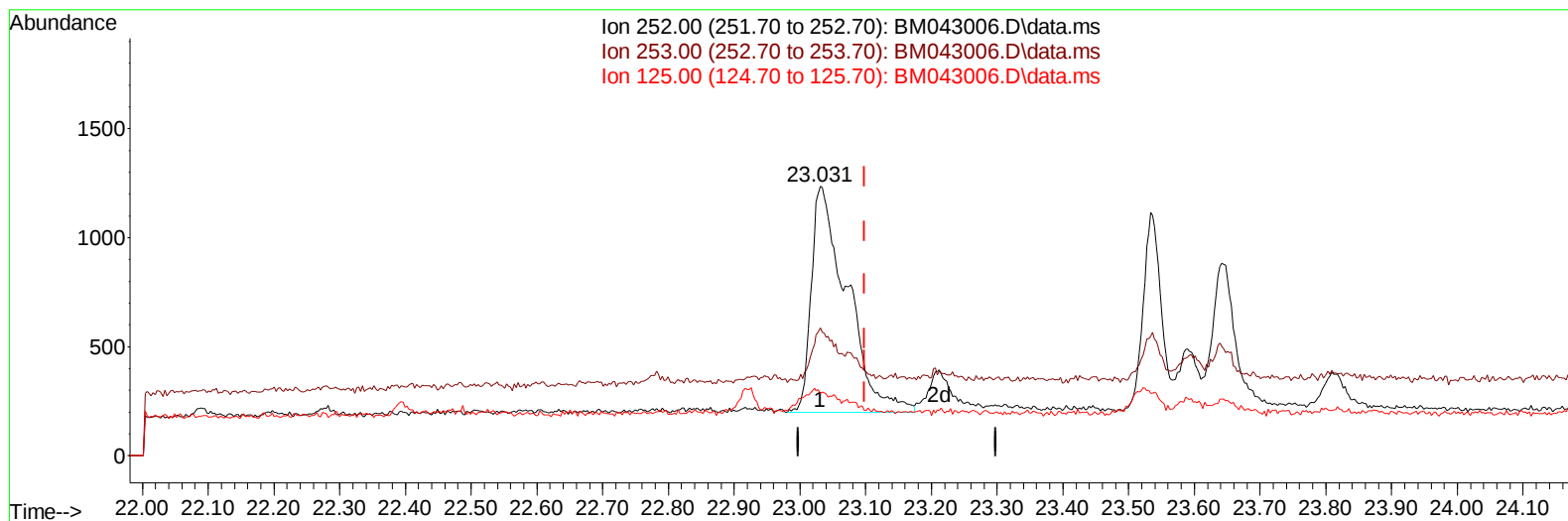
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TIC: BM043006.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.067) 0.18 ng/u1

response 3884

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	47.53#
125.00	13.80	23.24#
0.00	0.00	0.00

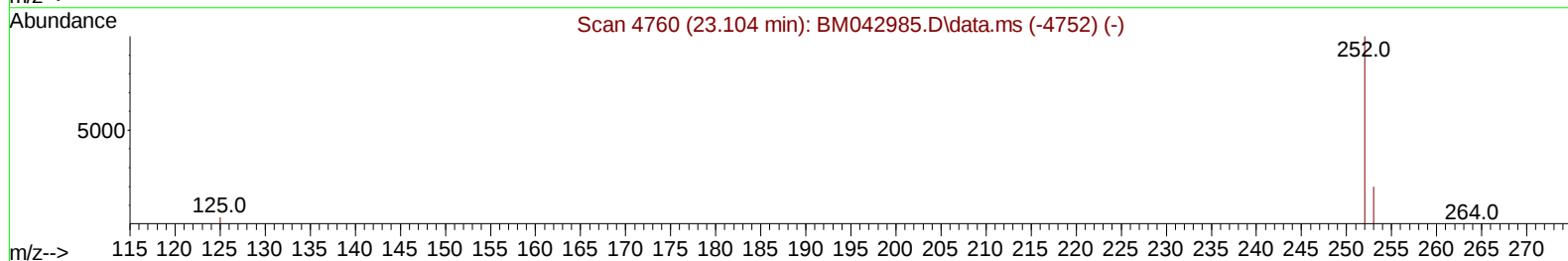
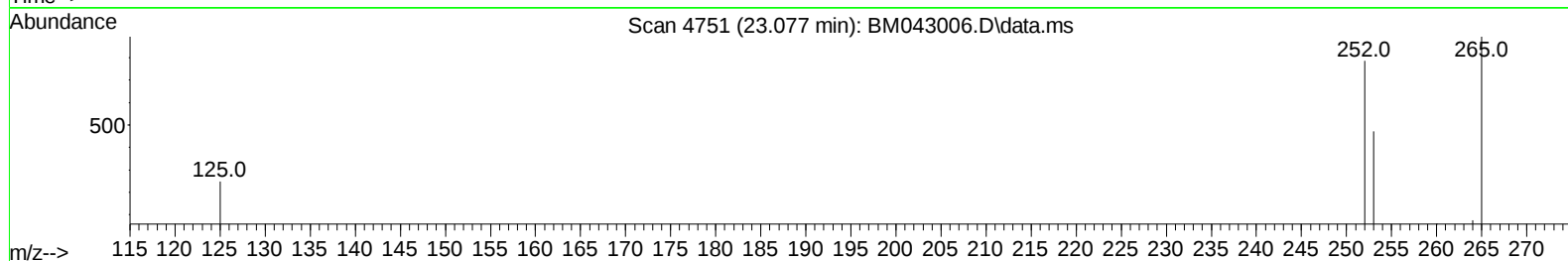
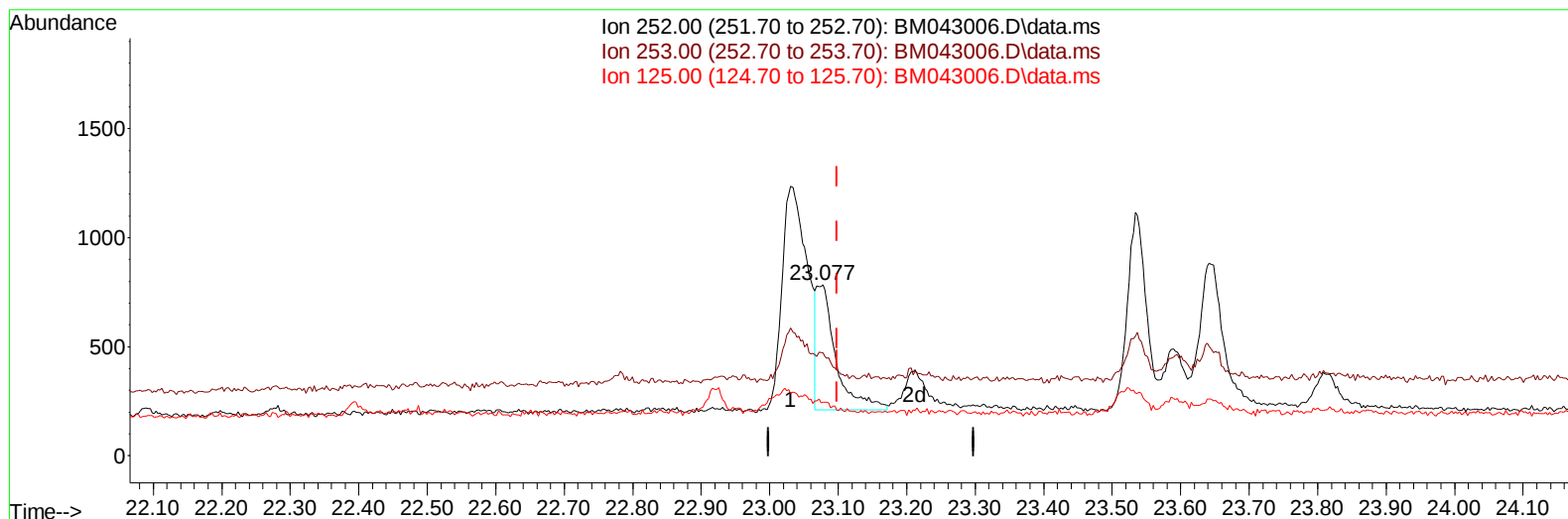
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BM043006.D\data.ms

(25) Benzo(k)fluoranthene

23.077min (-0.021) 0.10 ng/u1 m

response 1125

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	60.25#
125.00	13.80	31.46#
0.00	0.00	0.00

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 ALS Vial : 28 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1238m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.607	136	3758	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	2392m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	5050	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	3192	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	2319m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3232	1.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	879	0.175	ng/ul	-0.04
18) Fluoranthene-d10	19.244	212	2109	0.181	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	210	0.021	ng/ul#	49
7) 2-Methylnaphthalene	12.278	142	124	0.021	ng/ul	97
10) Acenaphthylene	14.183	152	590	0.048	ng/ul#	83
15) Phenanthrene	17.255	178	1398	0.097	ng/ul	95
19) Fluoranthene	19.272	202	4085	0.226	ng/ul	98
20) Pyrene	19.634	202	4736m	0.246	ng/ul	
21) Benzo(a)anthracene	21.388	228	2254	0.218	ng/ul	94
22) Chrysene	21.441	228	2371	0.123	ng/ul	94
24) Benzo(b)fluoranthene	23.031	252	2662	0.340	ng/ul	80
25) Benzo(k)fluoranthene	23.077	252	1125m	0.104	ng/ul	
26) Benzo(a)pyrene	23.642	252	1533	0.179	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.215	276	1403	0.121	ng/ul#	100
29) Benzo(g,h,i)perylene	26.976	276	1485	0.132	ng/ul#	85

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

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