

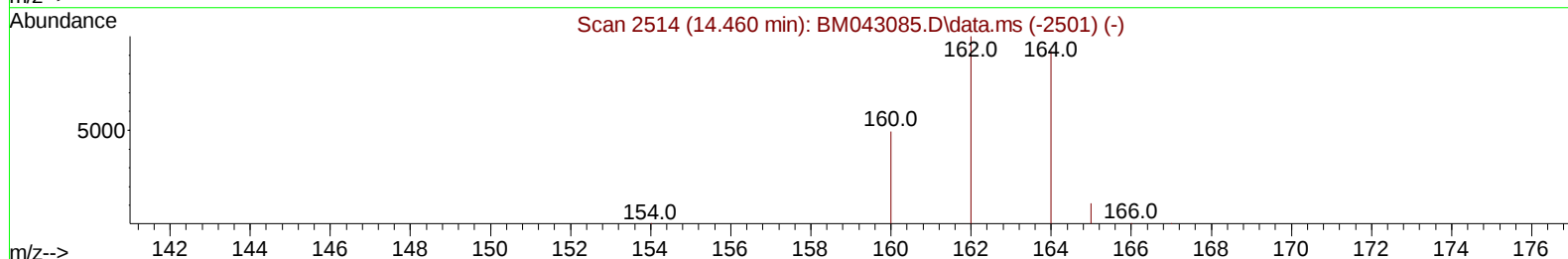
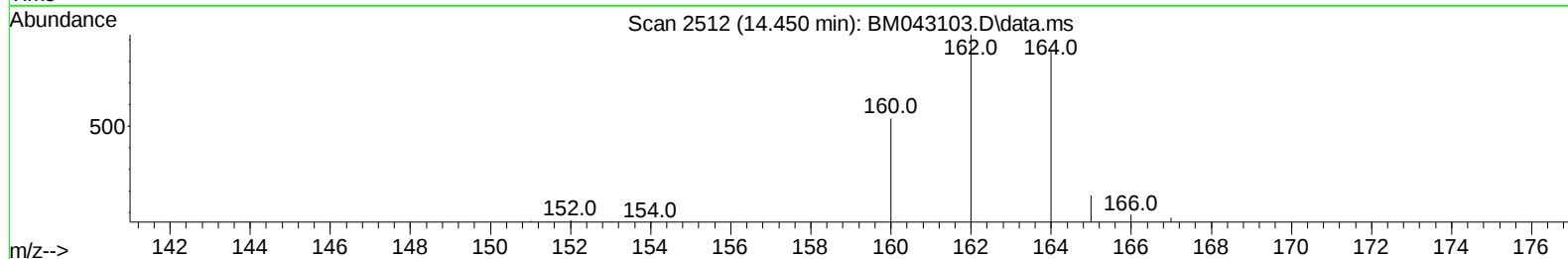
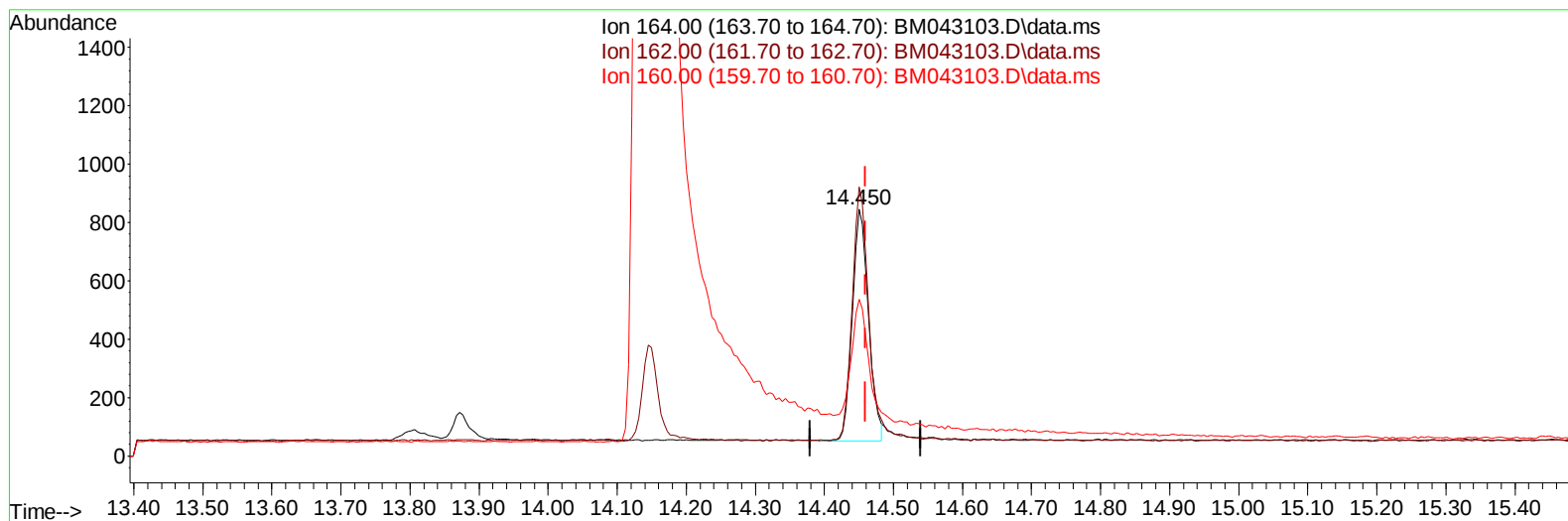
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043103.D
 Acq On : 01 Dec 2023 02:43
 Operator : MA/JU
 Sample : 05459-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA9

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:46 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043103.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/u1

response 1284

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.10
160.00	57.20	63.36
0.00	0.00	0.00

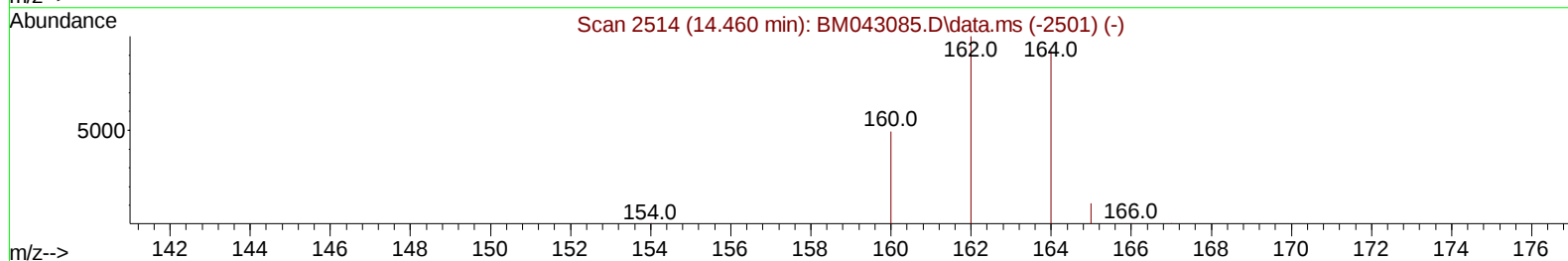
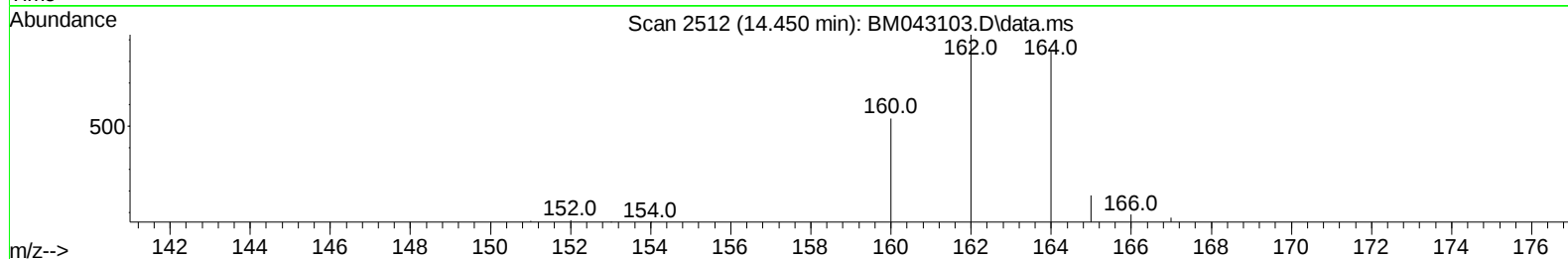
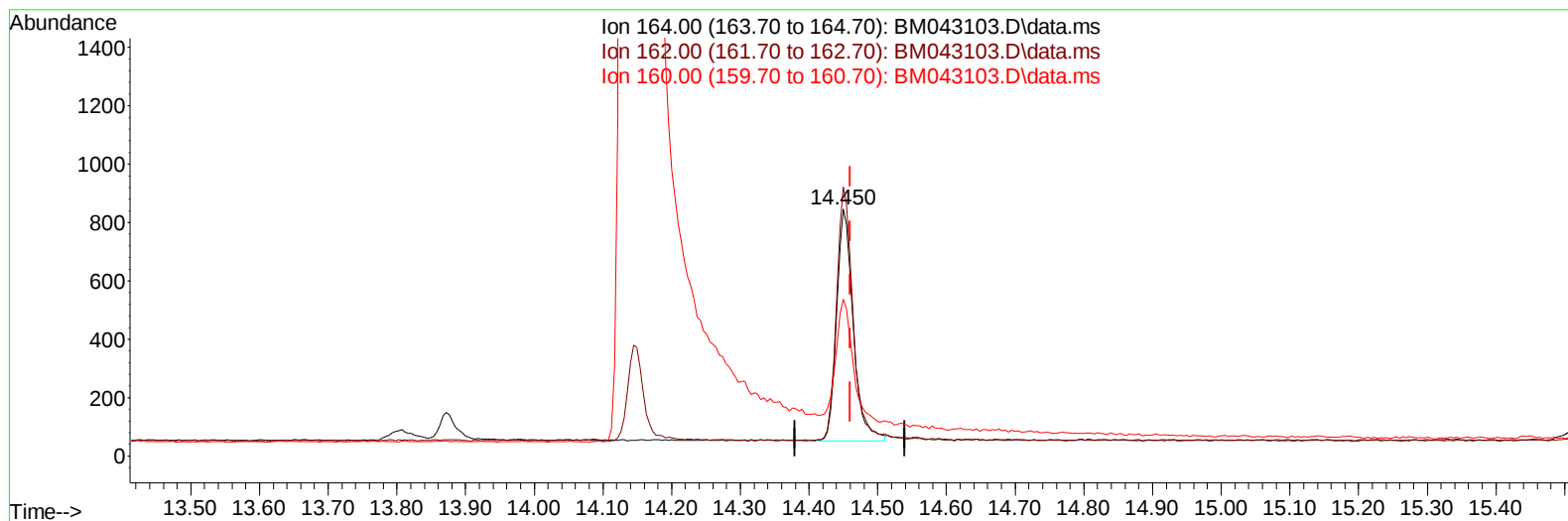
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(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/u1 m

response 1329

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	109.10
160.00	57.20	63.36
0.00	0.00	0.00

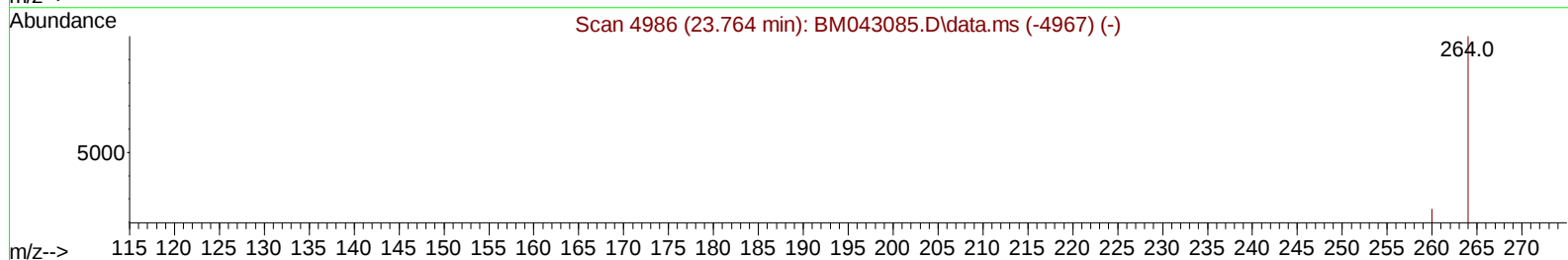
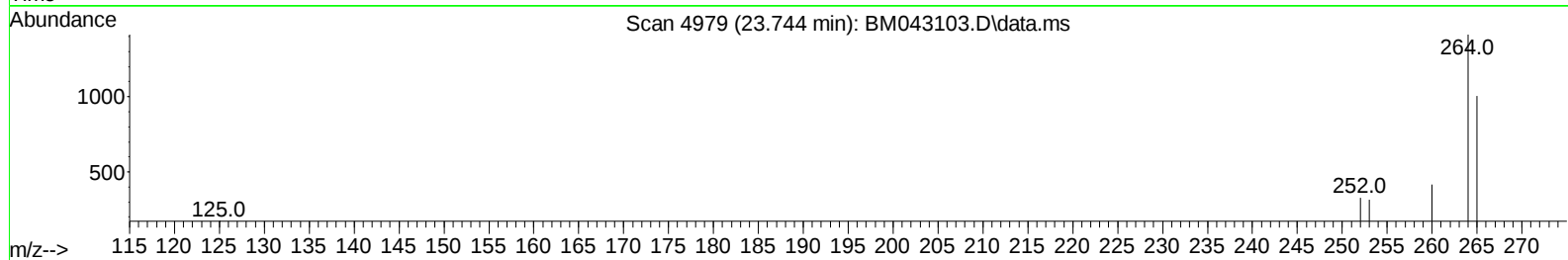
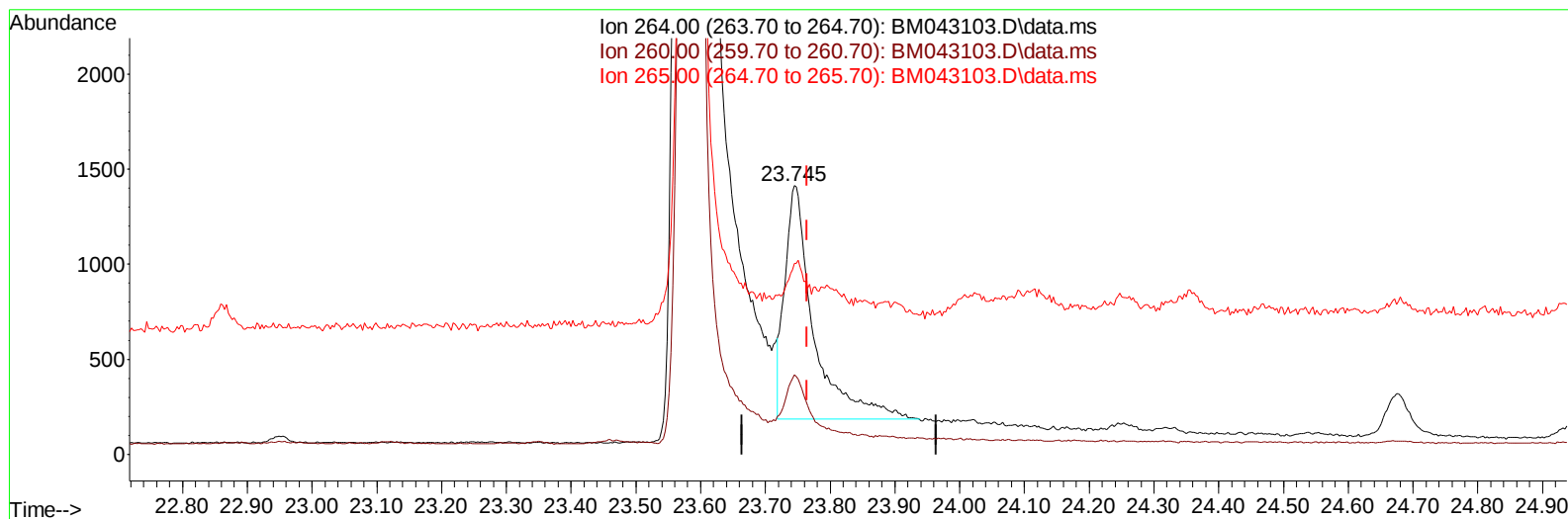
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TIC: BM043103.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/u1

response 3796

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.51
265.00	120.30	71.20#
0.00	0.00	0.00

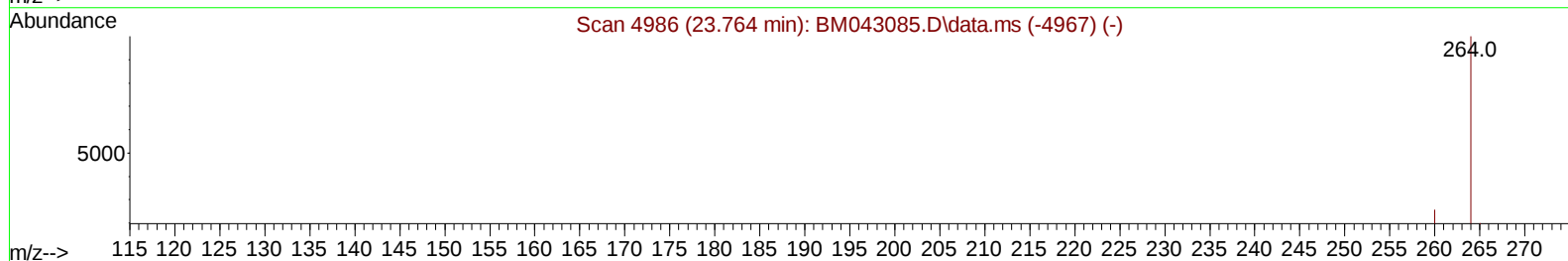
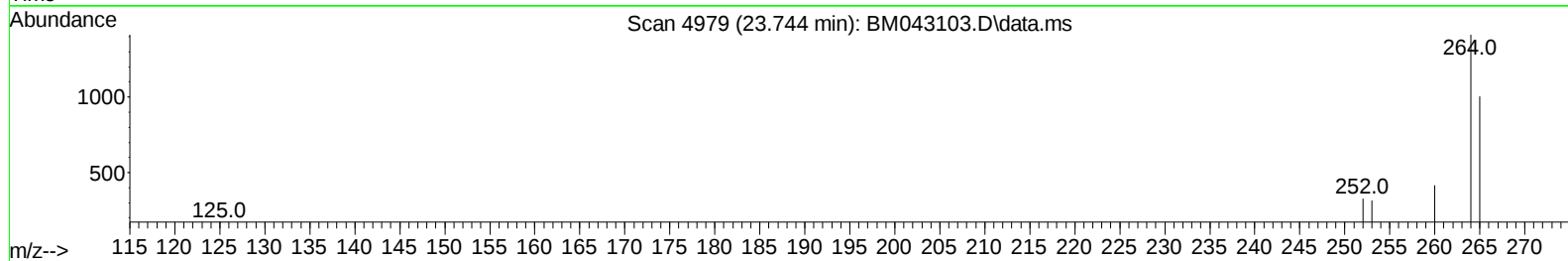
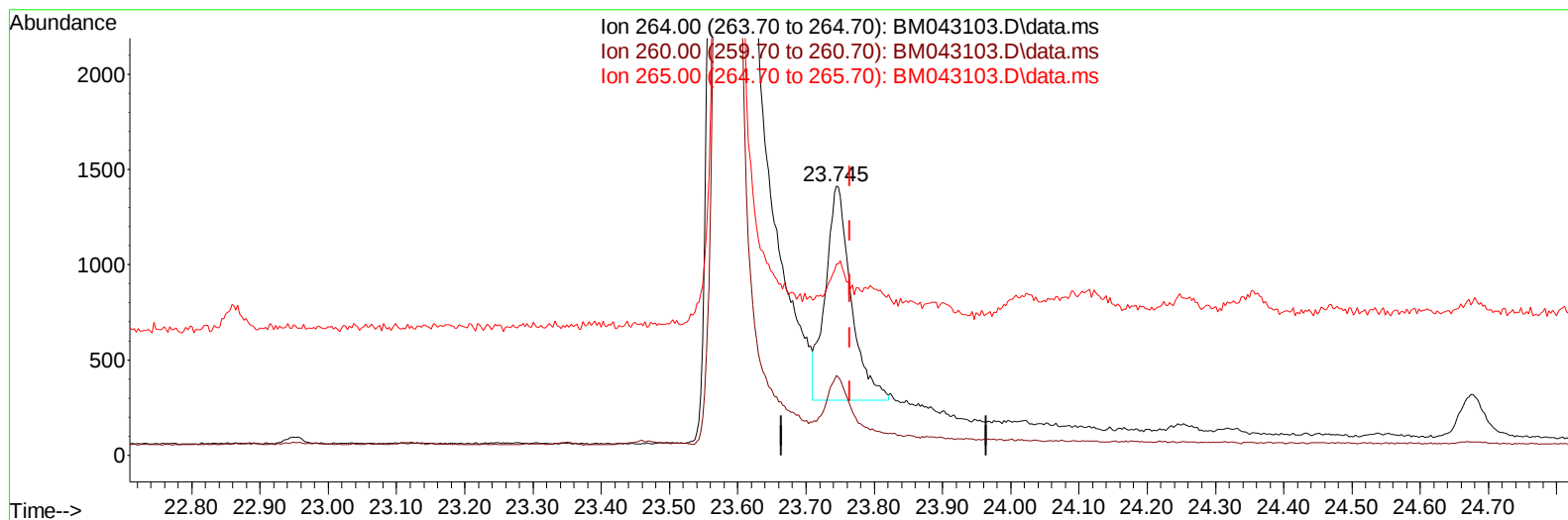
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TIC: BM043103.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul m

response 2924

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.51
265.00	120.30	71.20#
0.00	0.00	0.00

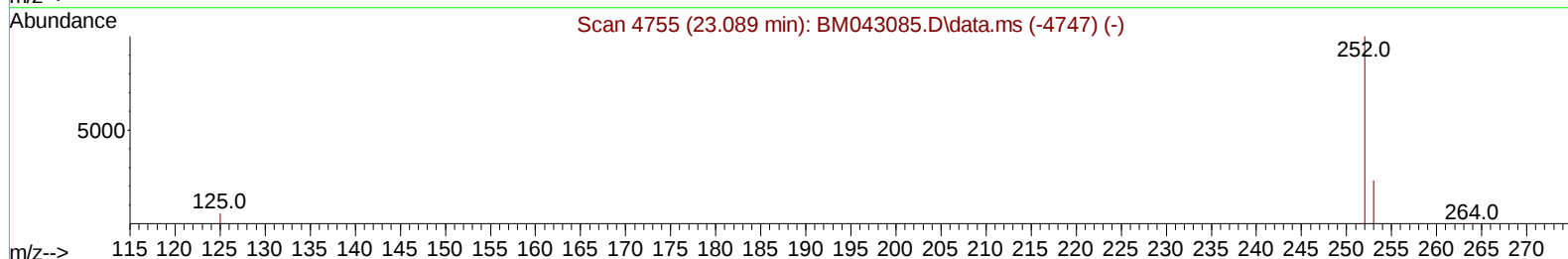
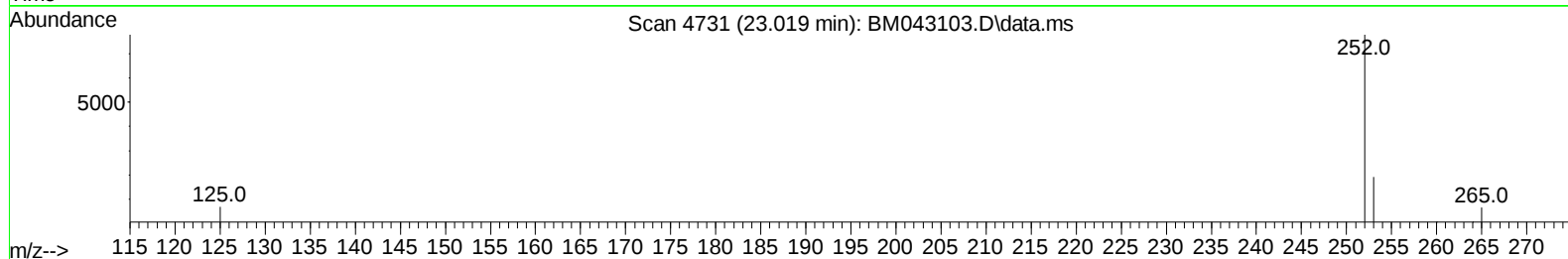
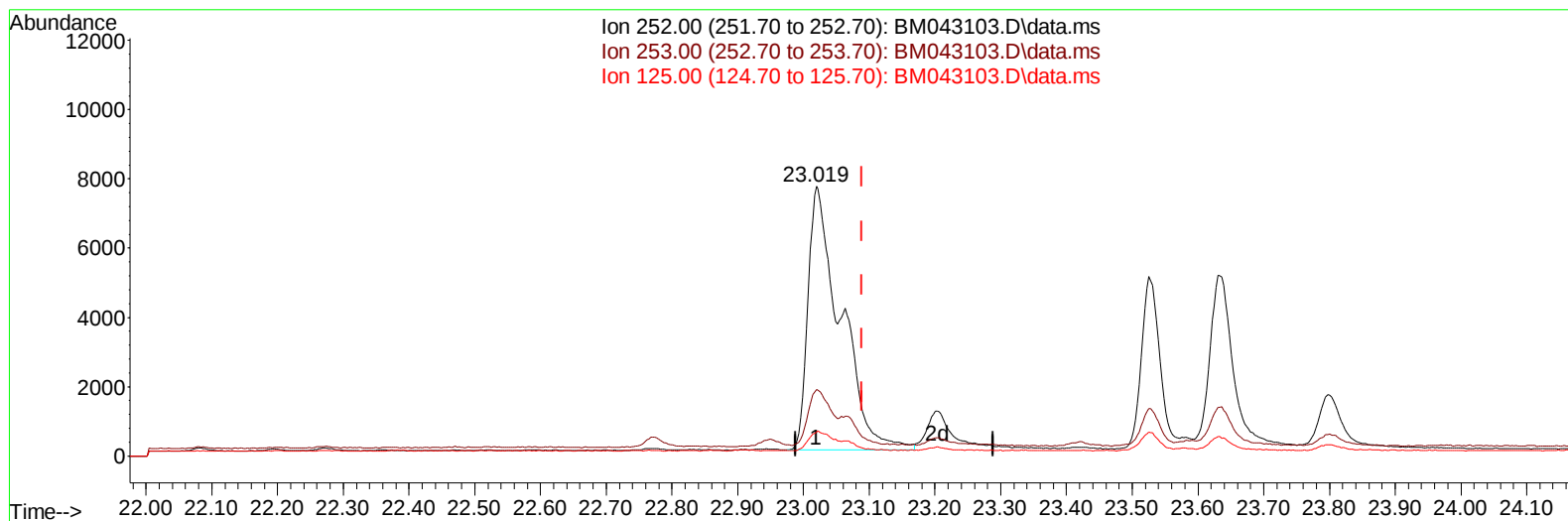
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TIC: BM043103.D\data.ms

(25) Benzo(k)fluoranthene

23.019min (-0.070) 1.91 ng/u1

response 26008

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	24.68#
125.00	13.80	8.97#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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	873	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.605	136	2393	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	1329m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	2664	0.400	ng/ul	-0.02
17) Chrysene-d12	21.397	240	2057	0.400	ng/ul	#-0.01
23) Perylene-d12	23.744	264	2924m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2154	1.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	775	0.242	ng/ul	-0.01
18) Fluoranthene-d10	19.233	212	1787	0.238	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.660	128	1089	0.167	ng/ul	96
7) 2-Methylnaphthalene	12.299	142	213	0.056	ng/ul	94
8) 1-Methylnaphthalene	12.508	142	169	0.040	ng/ul	100
10) Acenaphthylene	14.177	152	1905	0.281	ng/ul	99
12) Fluorene	15.509	166	391	0.074	ng/ul#	92
15) Phenanthrene	17.246	178	16265	2.140	ng/ul	93
16) Anthracene	17.343	178	5889	0.818	ng/ul	94
19) Fluoranthene	19.266	202	39464	3.384	ng/ul#	90
20) Pyrene	19.628	202	32567	2.626	ng/ul#	93
21) Benzo(a)anthracene	21.383	228	14772	2.213	ng/ul	95
22) Chrysene	21.435	228	13548	1.090	ng/ul	97
24) Benzo(b)fluoranthene	23.019	252	17644	1.788	ng/ul	83
25) Benzo(k)fluoranthene	23.063	252	7932m	0.584	ng/ul	
26) Benzo(a)pyrene	23.630	252	11875	1.103	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.188	276	10309	0.707	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.195	278	2240	0.199	ng/ul	98
29) Benzo(g,h,i)perylene	26.956	276	7429	0.524	ng/ul	92

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

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