

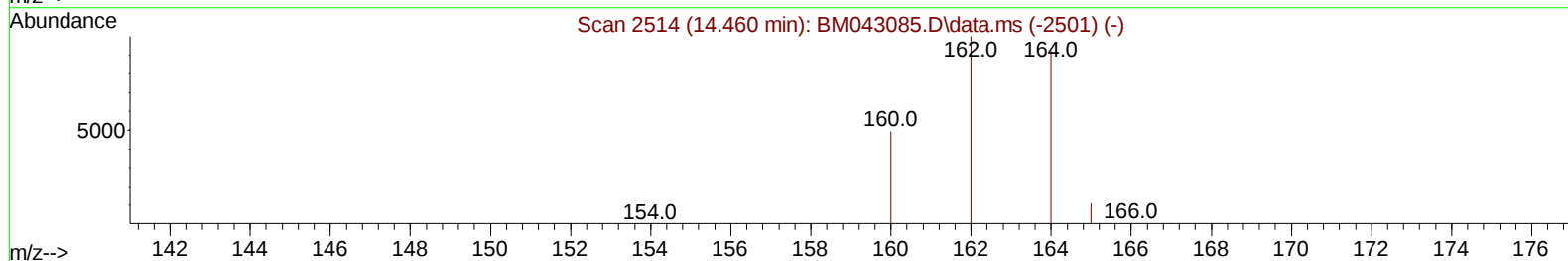
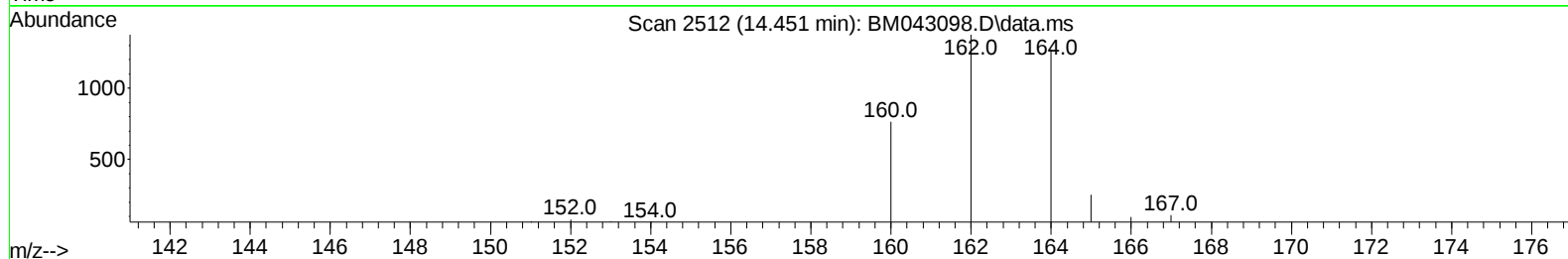
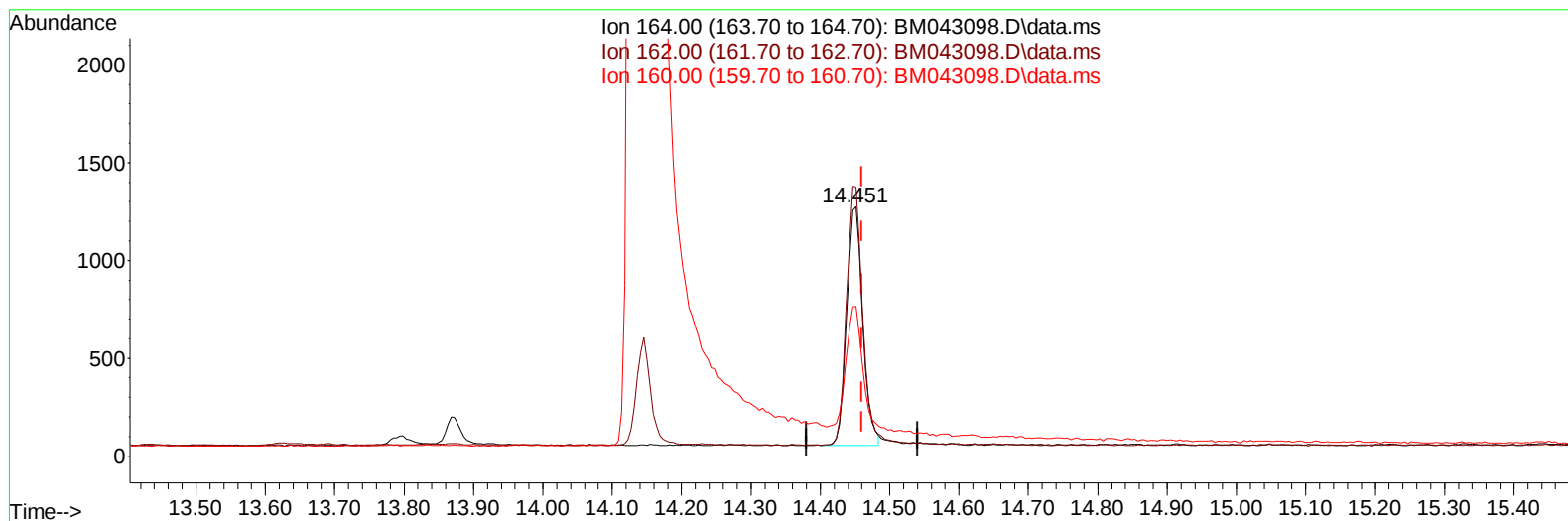
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043098.D
 Acq On : 30 Nov 2023 23:05
 Operator : MA/JU
 Sample : 05459-20
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual IntegrationsAPPROVED

Quant Time: Dec 01 00:45:00 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: BM043098.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/u1

response 1921

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	108.01
160.00	57.20	59.97
0.00	0.00	0.00

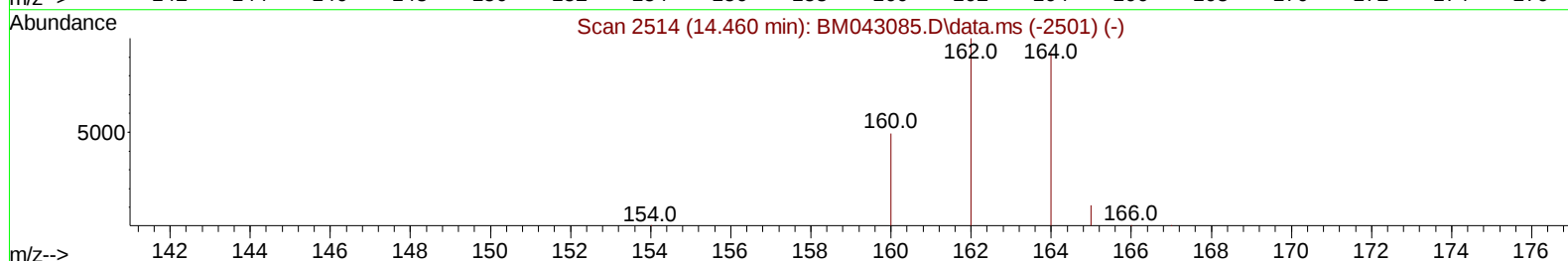
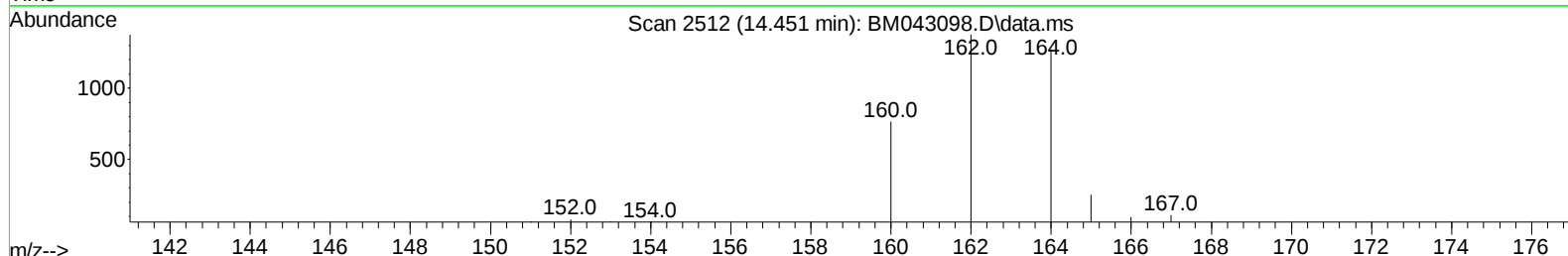
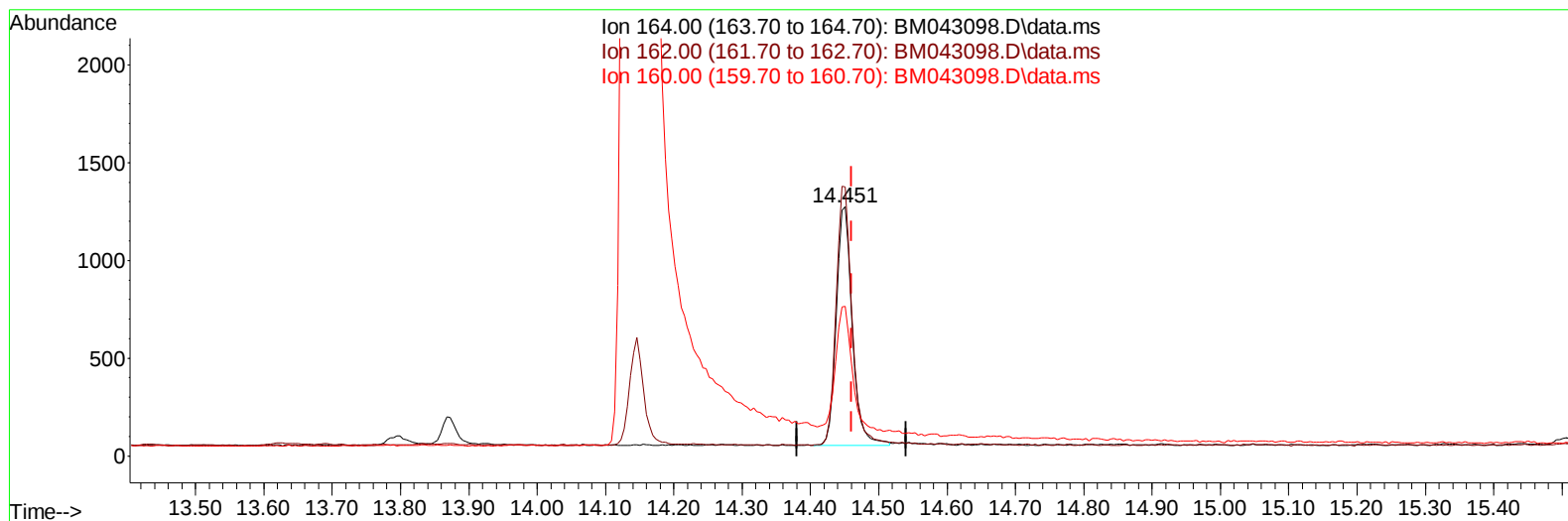
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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TIC: BM043098.D\data.ms

(9) Acenaphthene-d10 (I)

14.451min (-0.009) 0.40 ng/ul m

response 1981

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	108.01
160.00	57.20	59.97
0.00	0.00	0.00

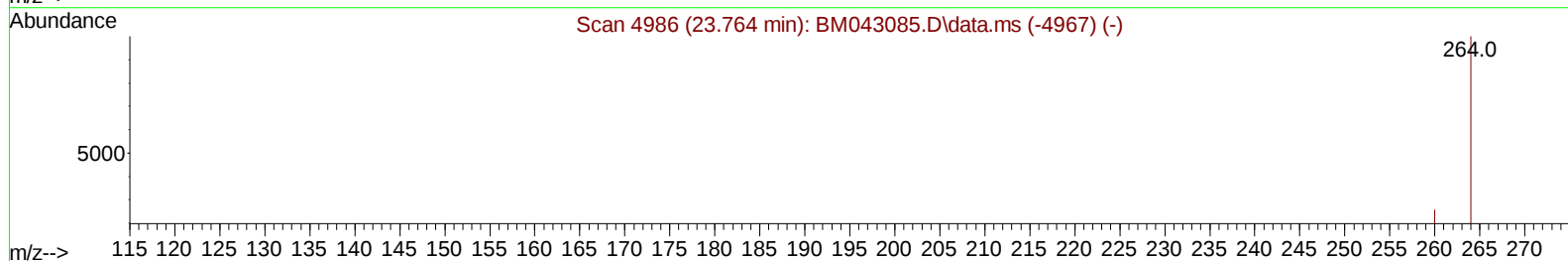
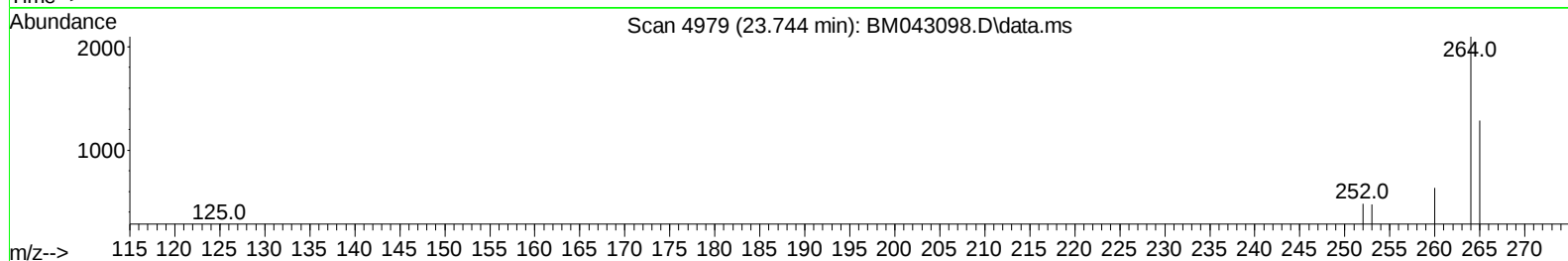
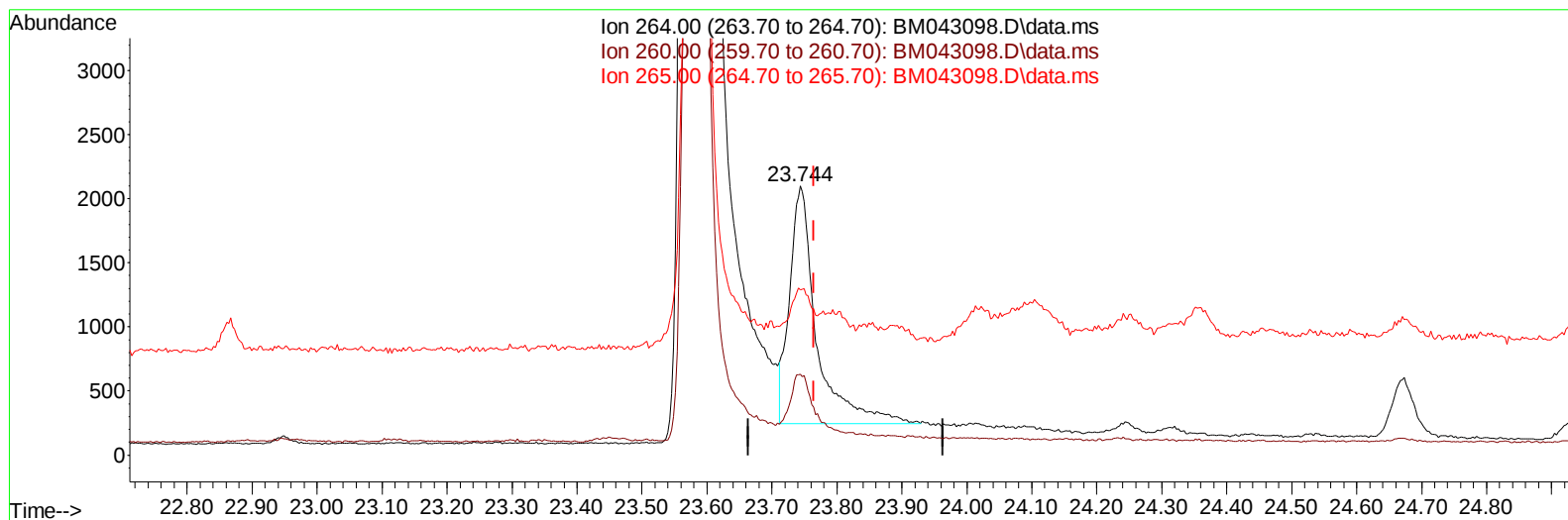
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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 Sample : 05459-20
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Instrument :
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 ClientSampleId :
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TIC: BM043098.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/u1

response 5370

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.12
265.00	120.30	61.44#
0.00	0.00	0.00

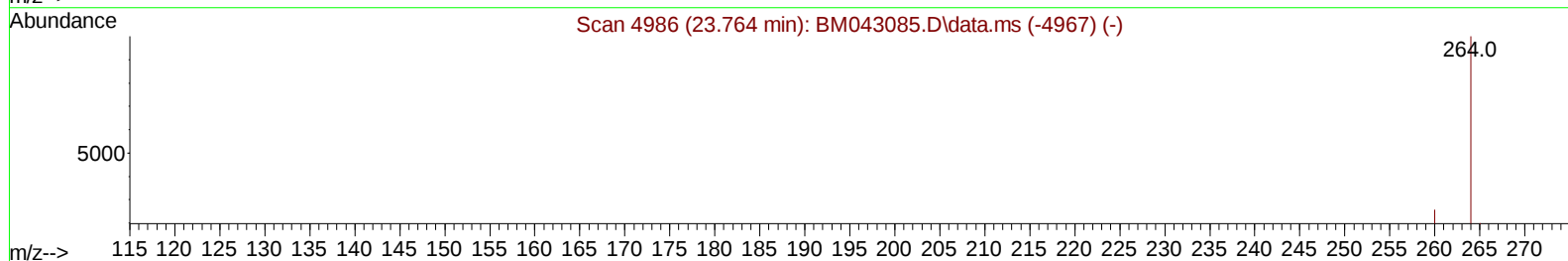
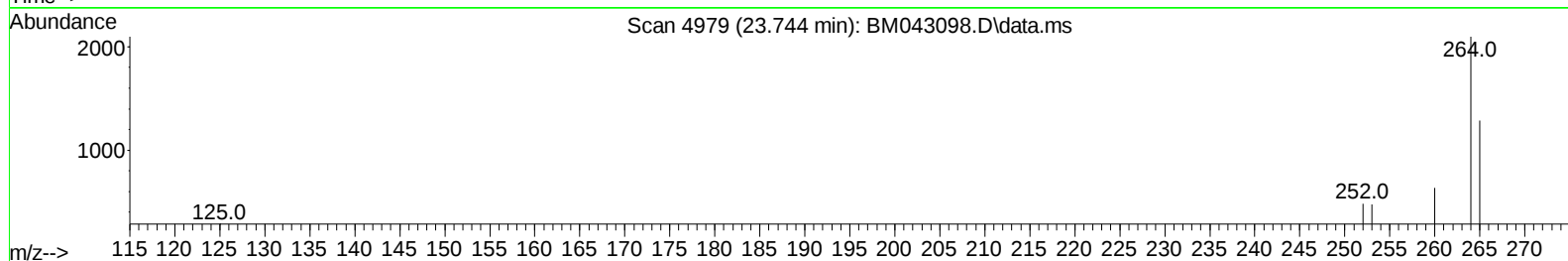
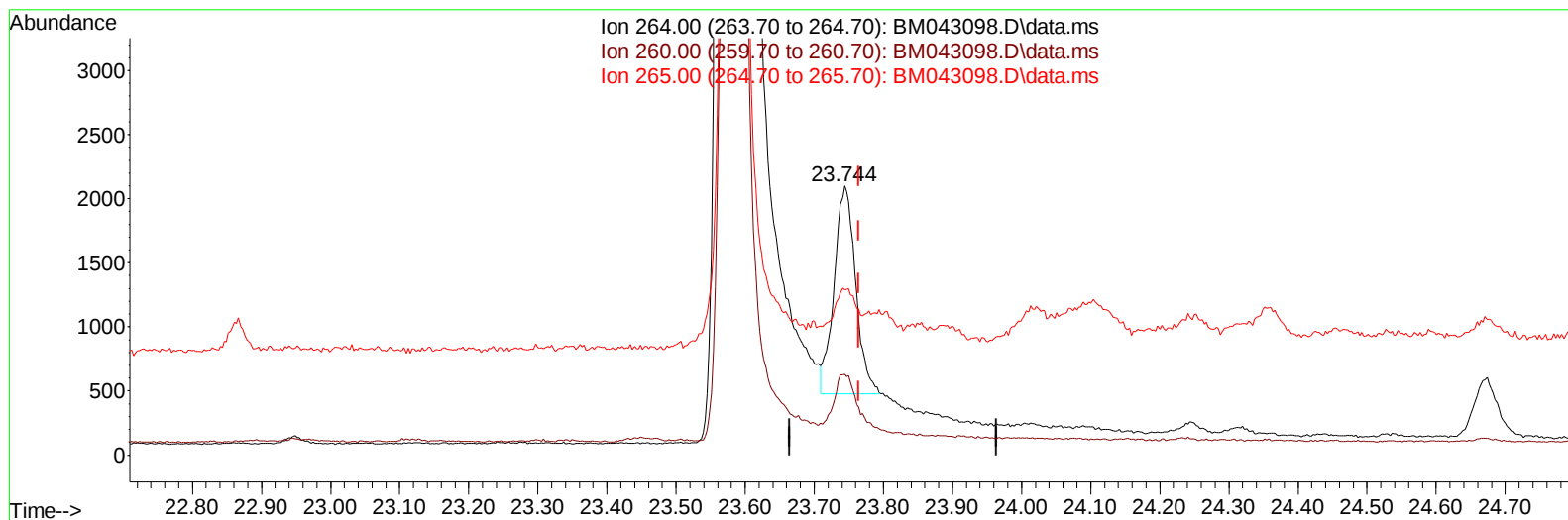
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043098.D
 Acq On : 30 Nov 2023 23:05
 Operator : MA/JU
 Sample : 05459-20
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043098.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul m

response 3503

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.12
265.00	120.30	61.44#
0.00	0.00	0.00

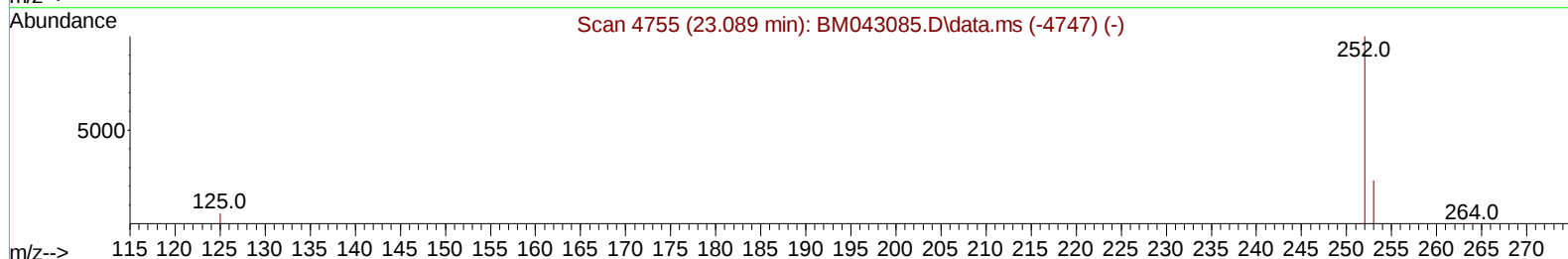
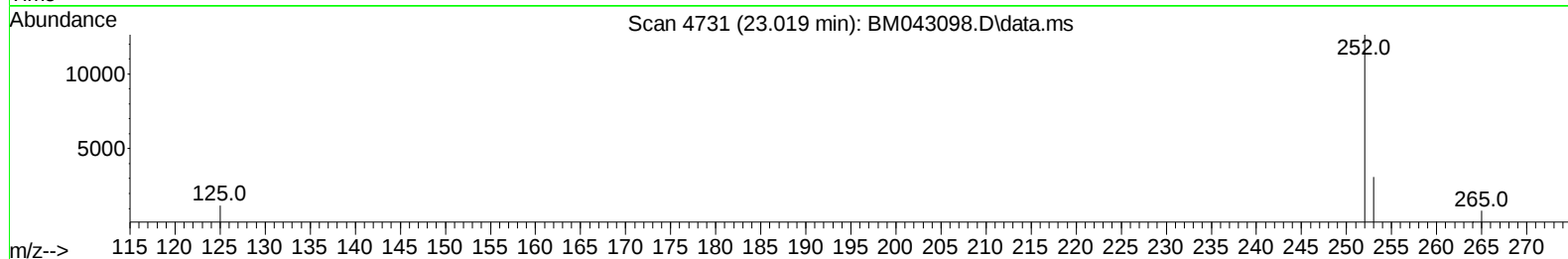
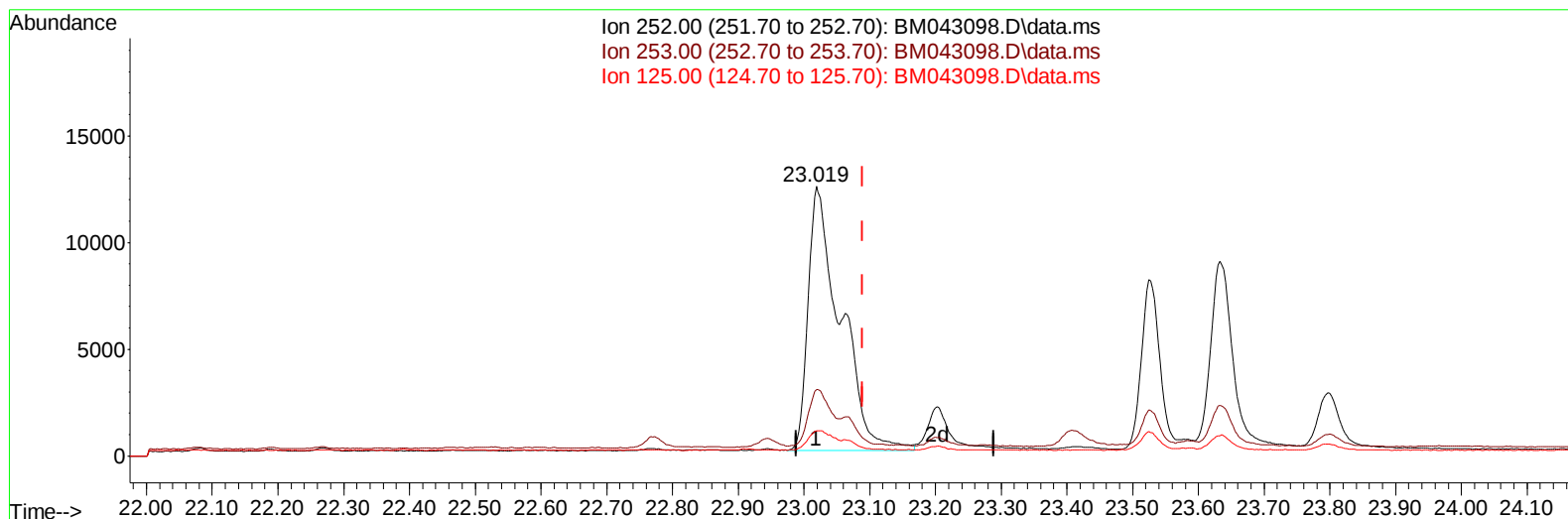
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 Acq On : 30 Nov 2023 23:05
 Operator : MA/JU
 Sample : 05459-20
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual IntegrationsAPPROVED

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TIC: BM043098.D\data.ms

(25) Benzo(k)fluoranthene

23.019min (-0.070) 2.58 ng/u1

response 41964

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	24.59#
125.00	13.80	9.44#
0.00	0.00	0.00

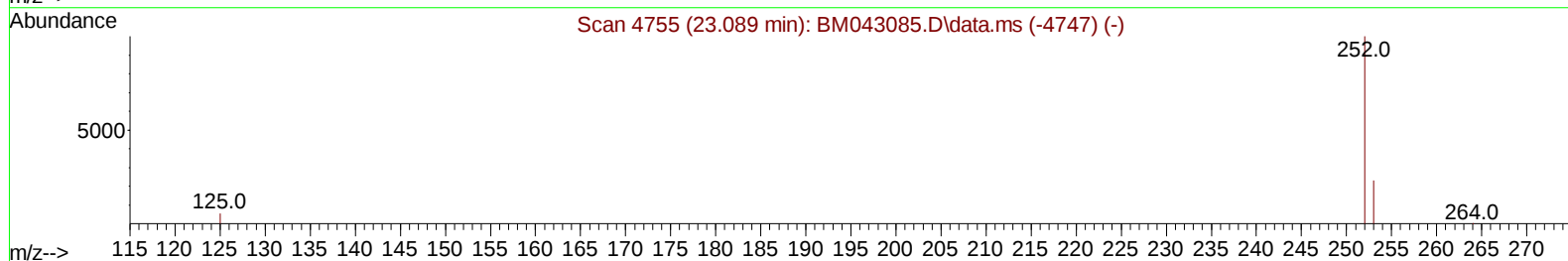
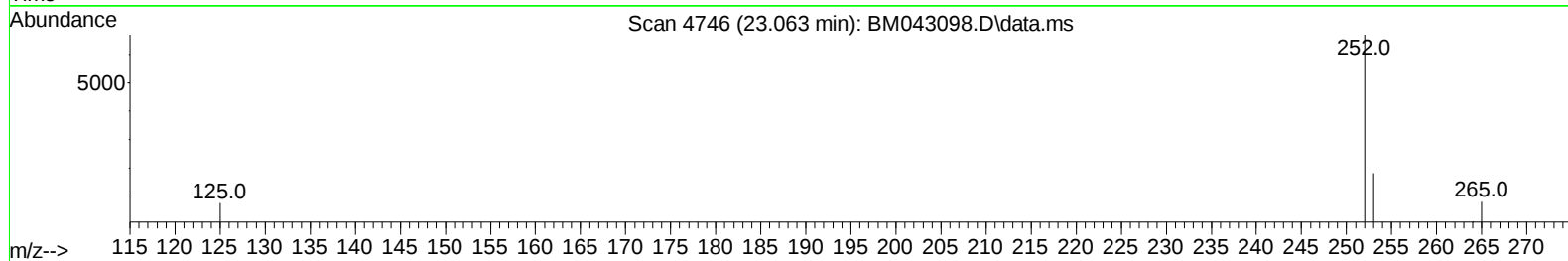
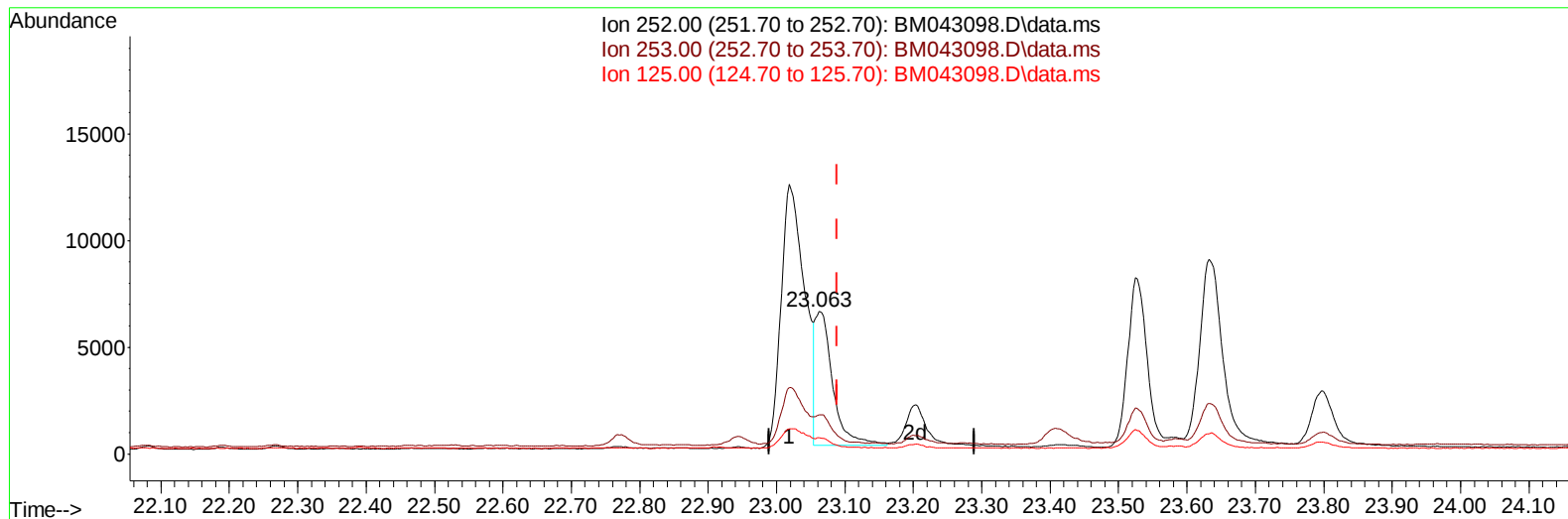
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043098.D
 Acq On : 30 Nov 2023 23:05
 Operator : MA/JU
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 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual IntegrationsAPPROVED

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TIC: BM043098.D\data.ms

(25) Benzo(k)fluoranthene

23.063min (-0.026) 0.69 ng/u1 m

response 11254

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	27.21#
125.00	13.80	11.25
0.00	0.00	0.00

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 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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	7.800	152	1145	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.606	136	3540	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.451	164	1981m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	3963	0.400	ng/ul	-0.03
17) Chrysene-d12	21.397	240	3101	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	3503m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	2725	1.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	1015	0.214	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	2249	0.199	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.650	128	5630	0.585	ng/ul#	86
7) 2-Methylnaphthalene	12.278	142	1706	0.301	ng/ul	96
8) 1-Methylnaphthalene	12.493	142	1807	0.286	ng/ul	99
10) Acenaphthylene	14.178	152	1380	0.136	ng/ul	96
11) Acenaphthene	14.516	153	304	0.040	ng/ul#	90
12) Fluorene	15.501	166	556	0.071	ng/ul#	94
15) Phenanthrene	17.247	178	14845	1.313	ng/ul	93
16) Anthracene	17.340	178	3703	0.346	ng/ul	94
19) Fluoranthene	19.262	202	45618	2.595	ng/ul#	93
20) Pyrene	19.629	202	41638	2.227	ng/ul#	94
21) Benzo(a)anthracene	21.379	228	24442	2.429	ng/ul	96
22) Chrysene	21.432	228	20318	1.084	ng/ul	98
24) Benzo(b)fluoranthene	23.019	252	29740	2.516	ng/ul	83
25) Benzo(k)fluoranthene	23.063	252	11254m	0.691	ng/ul	
26) Benzo(a)pyrene	23.633	252	20129	1.560	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.184	276	16865	0.966	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.191	278	3519	0.261	ng/ul#	94
29) Benzo(g,h,i)perylene	26.949	276	12515	0.737	ng/ul#	93

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

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