

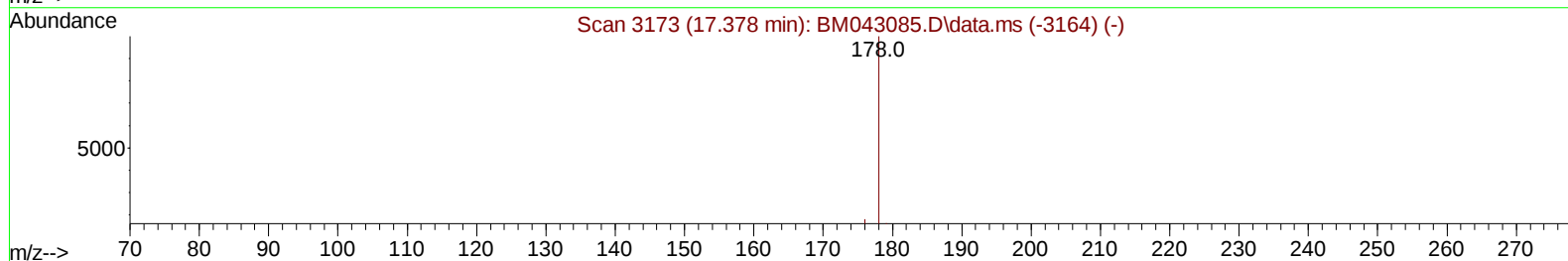
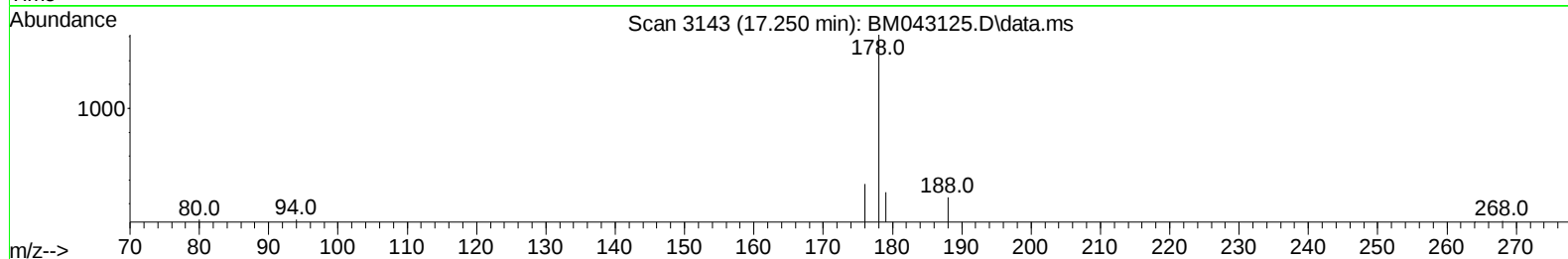
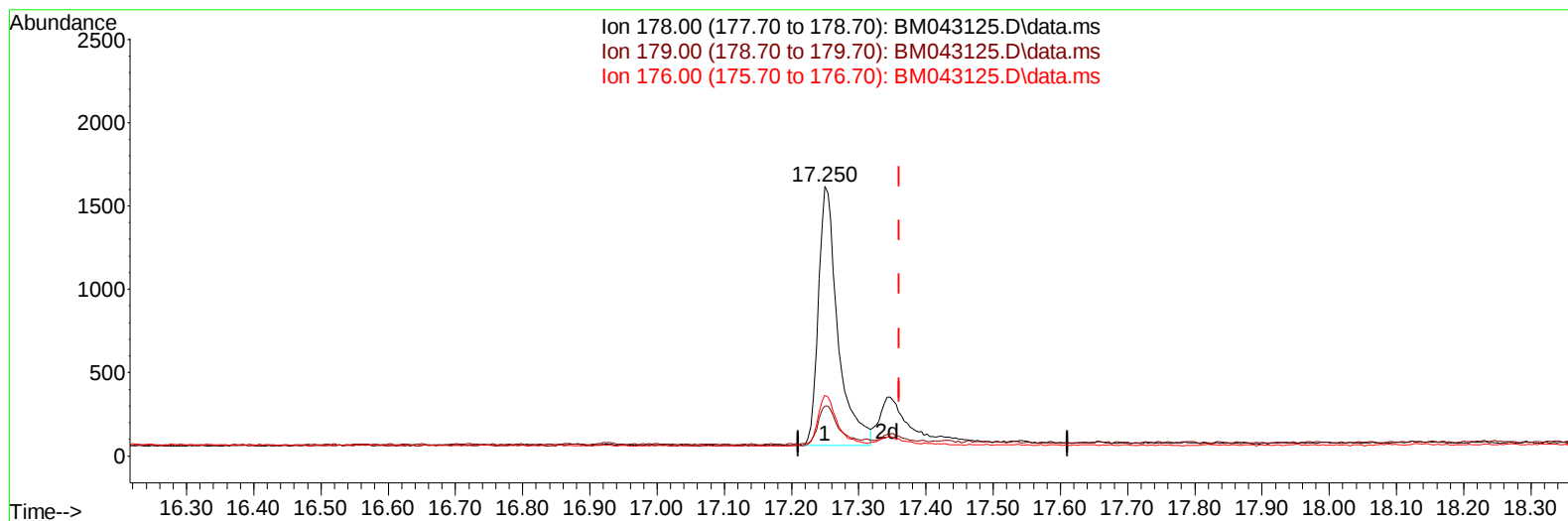
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043125.D
 Acq On : 01 Dec 2023 16:43
 Operator : MA/JU
 Sample : 05459-20DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8DL

Manual IntegrationsAPPROVED

Quant Time: Dec 02 00:06:57 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 : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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



TIC: BM043125.D\data.ms

(16) Anthracene

17.250min (-0.111) 0.35 ng/u1

response 3135

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	18.43
176.00	25.60	22.63
0.00	0.00	0.00

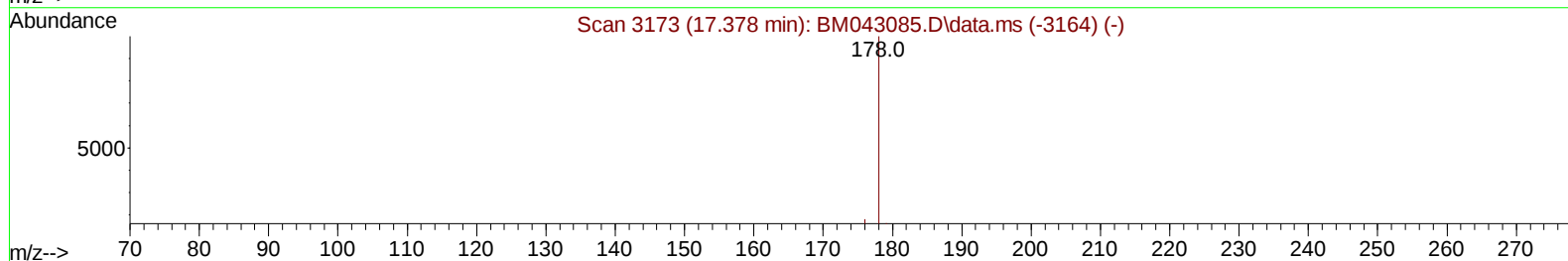
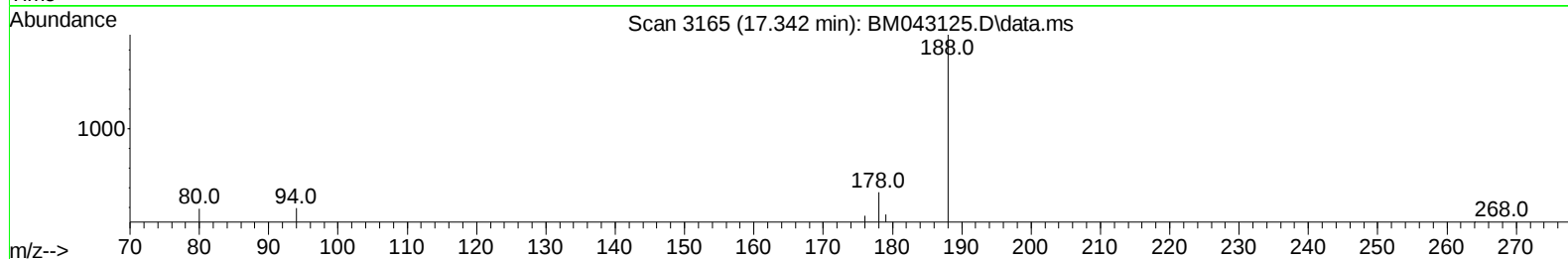
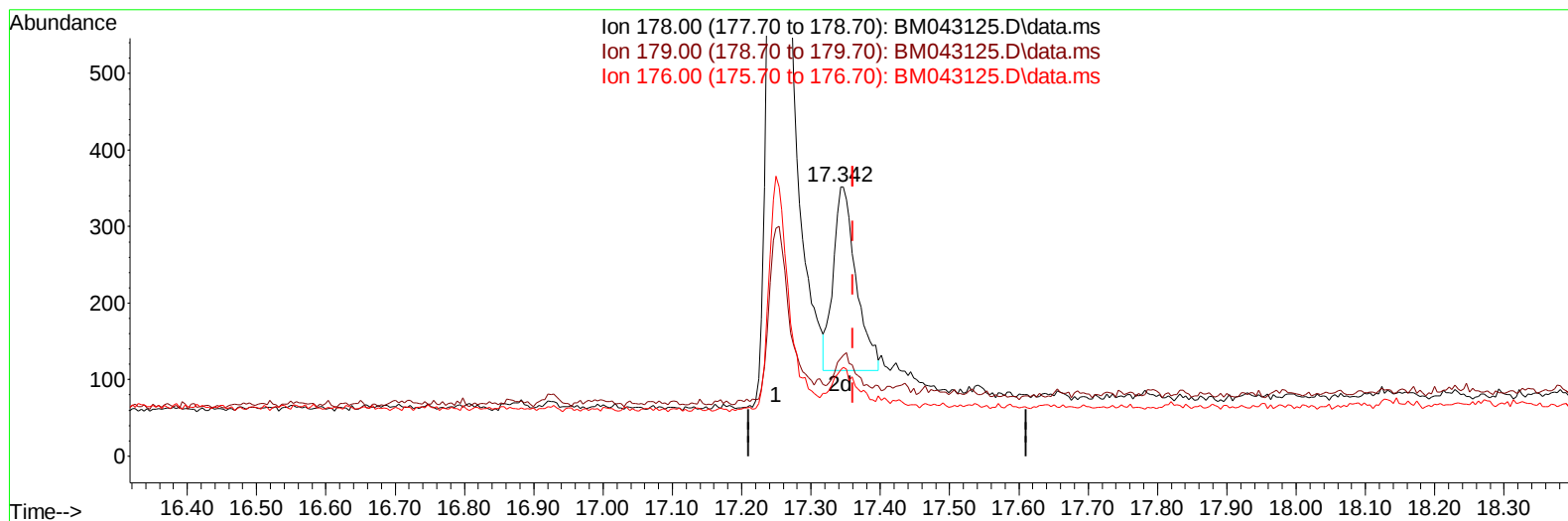
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TIC: BM043125.D\data.ms

(16) Anthracene

17.342min (-0.018) 0.06 ng/ul m

response 549

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	36.36#
176.00	25.60	32.10#
0.00	0.00	0.00

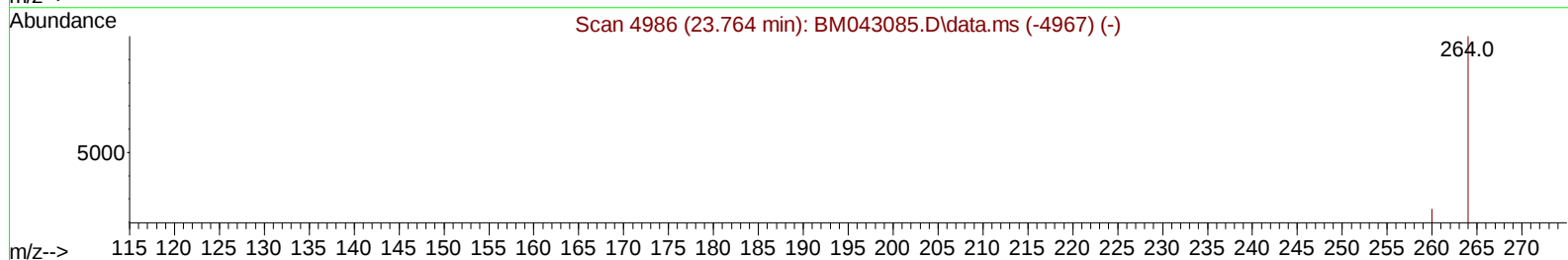
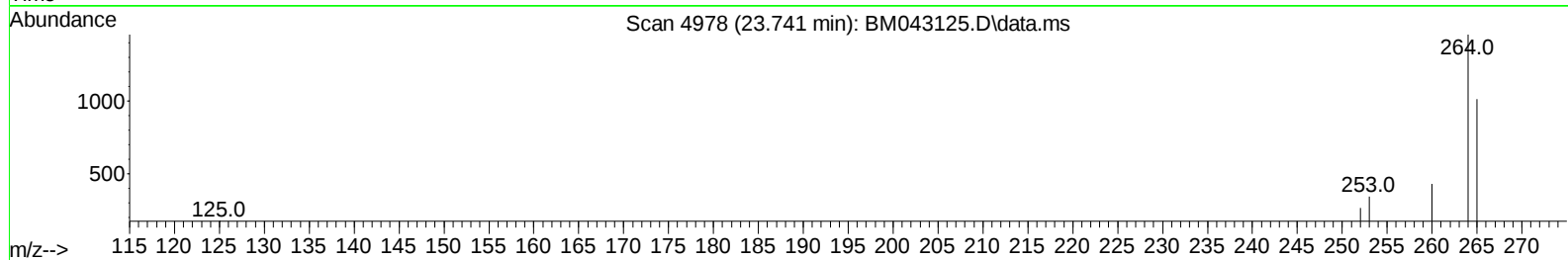
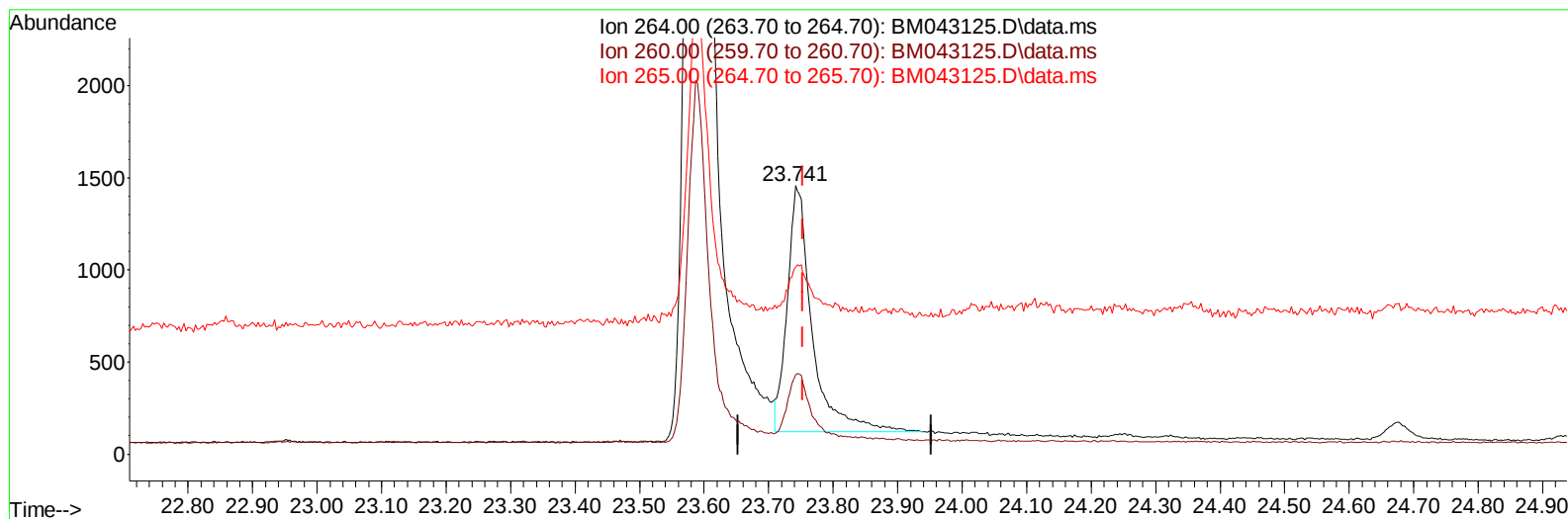
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 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043125.D\data.ms

(23) Perylene-d12 (I)

23.741min (-0.011) 0.40 ng/u1

response 3647

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.58
265.00	120.30	69.66#
0.00	0.00	0.00

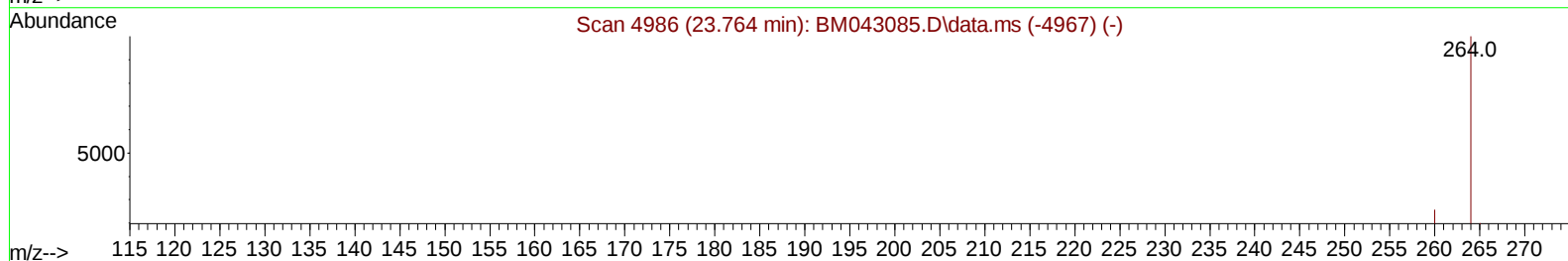
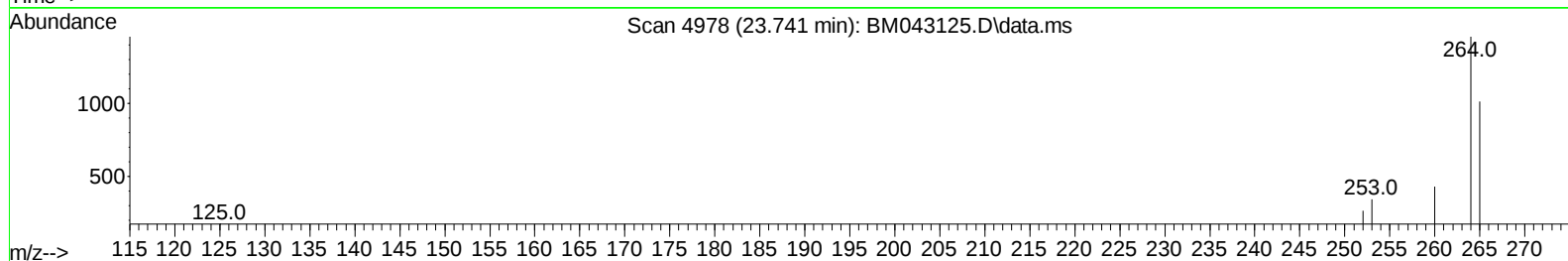
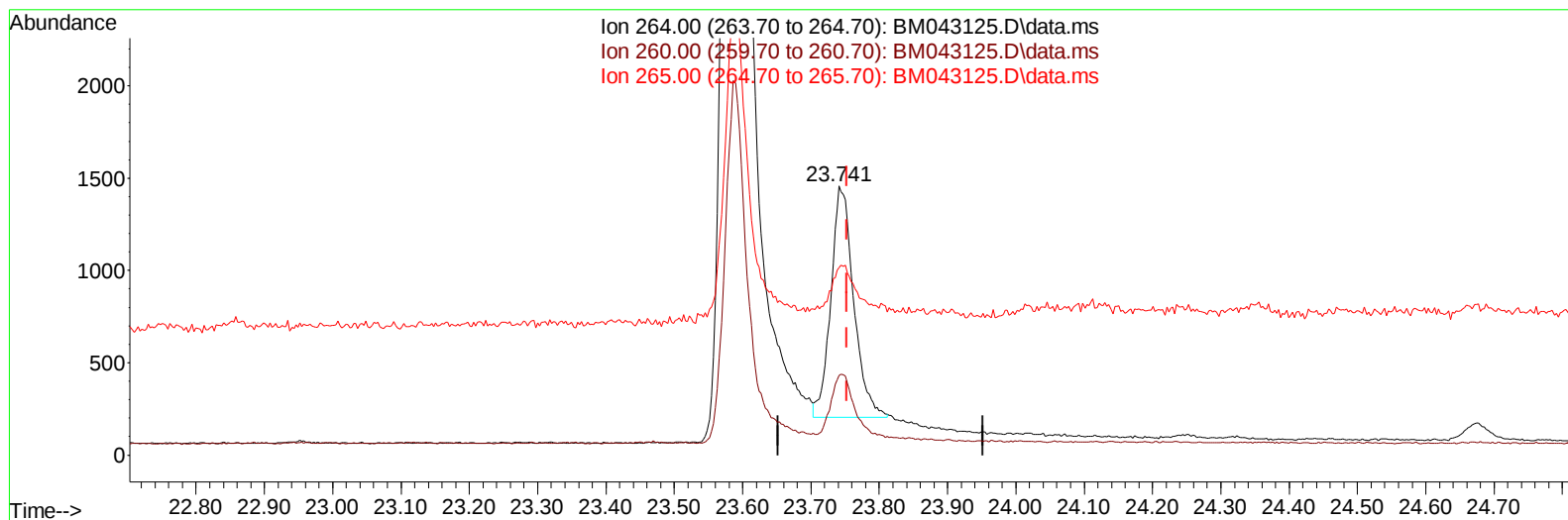
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TIC: BM043125.D\data.ms

(23) Perylene-d12 (I)

23.741min (-0.011) 0.40 ng/ul m

response 2911

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.58
265.00	120.30	69.66#
0.00	0.00	0.00

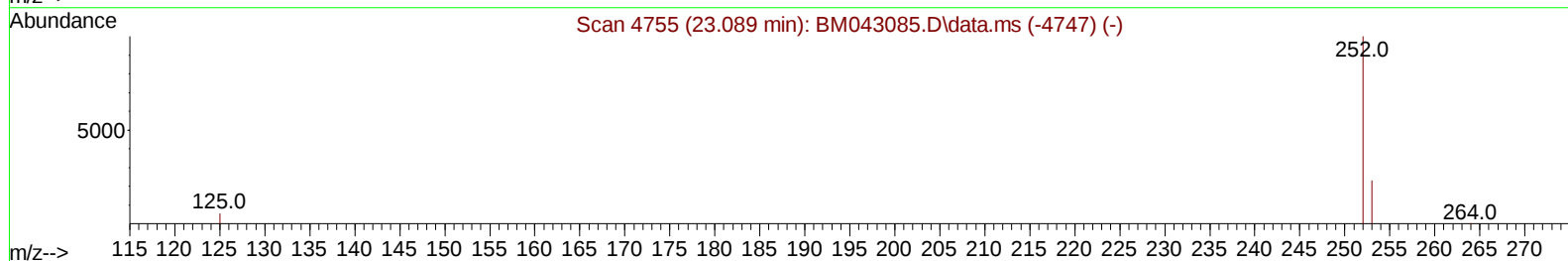
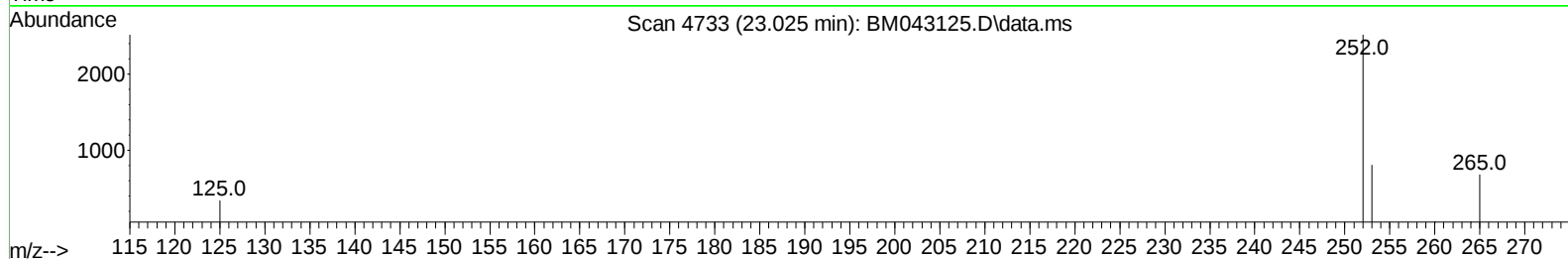
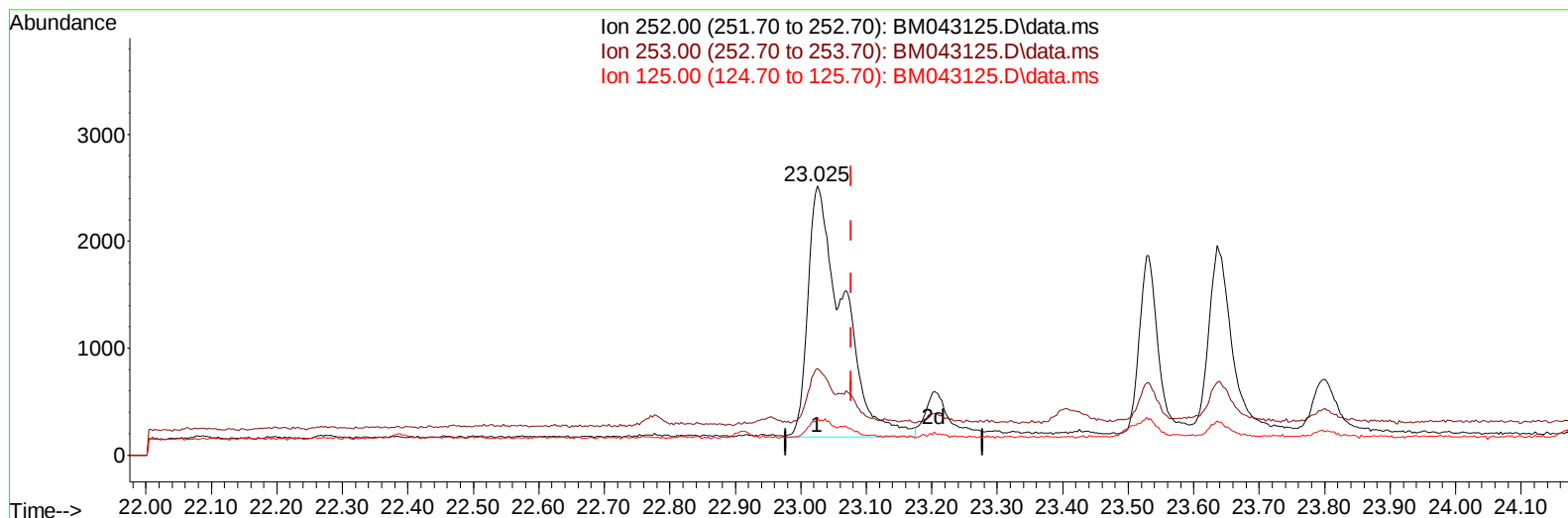
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TIC: BM043125.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.052) 0.65 ng/u1

response 8799

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	32.07
125.00	13.80	13.71
0.00	0.00	0.00

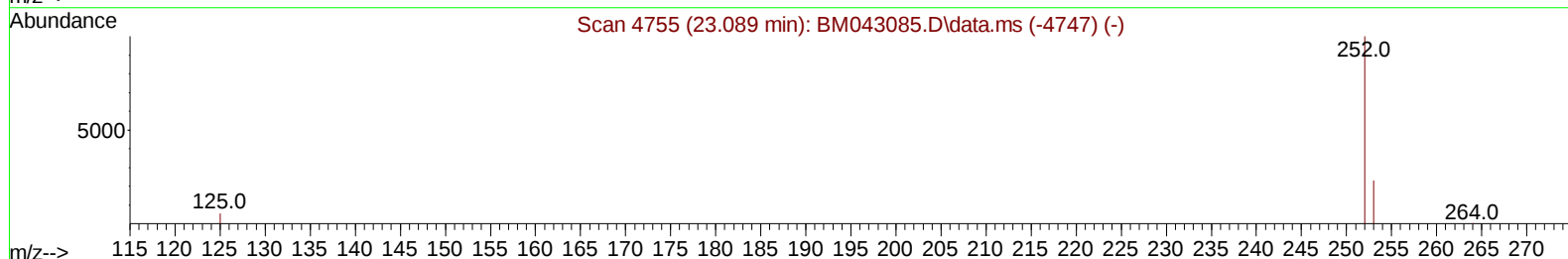
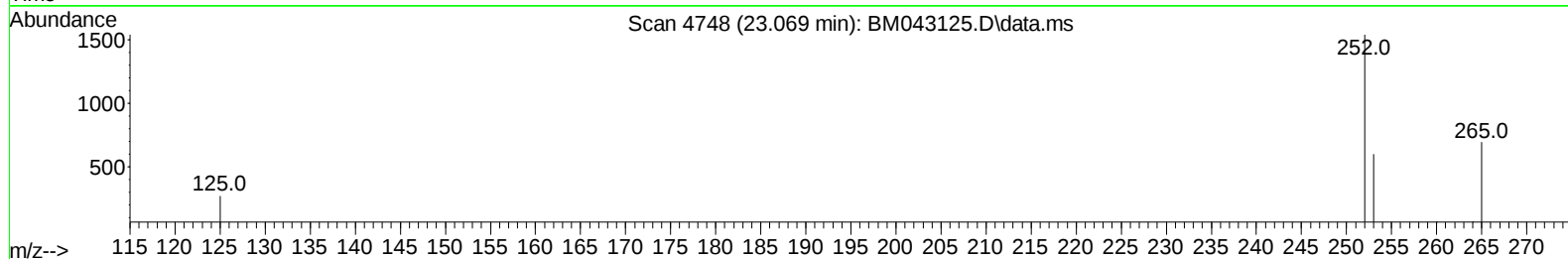
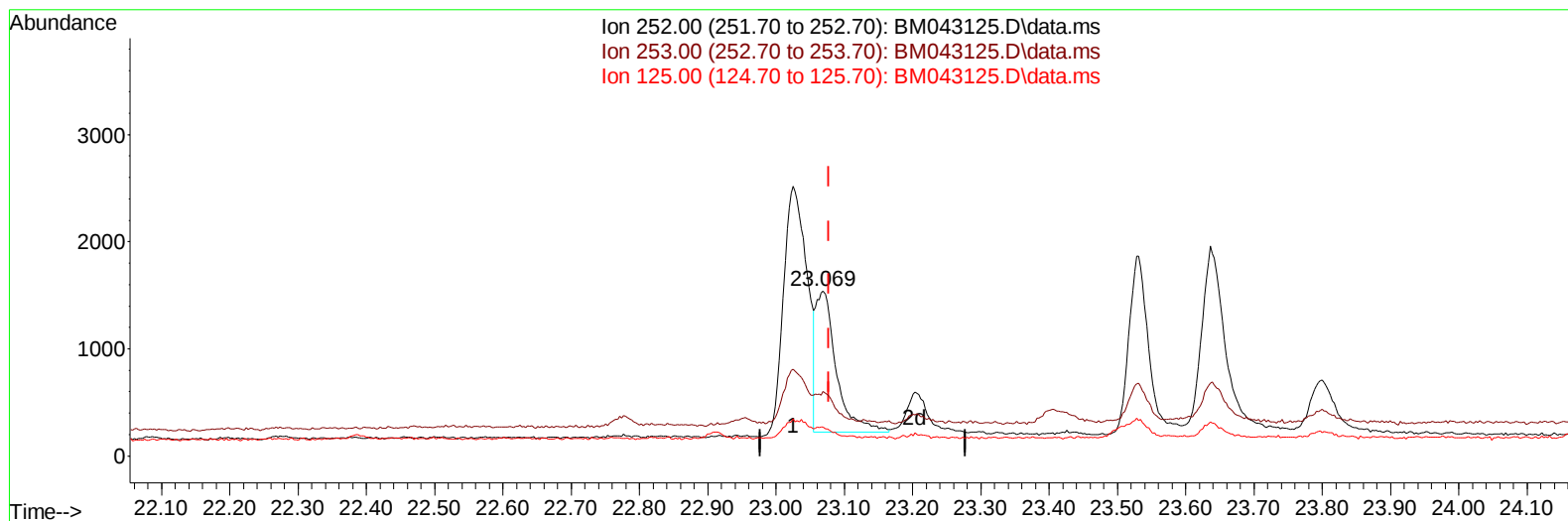
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 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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TIC: BM043125.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.008) 0.20 ng/u1 m

response 2758

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	38.94
125.00	13.80	17.59#
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	7.805	152	1148	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.611	136	3181	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1728	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	3318	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	2307	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	2911m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	649	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	211	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	463	0.055	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.666	128	1256	0.145	ng/ul	97
7) 2-Methylnaphthalene	12.299	142	327	0.064	ng/ul	91
8) 1-Methylnaphthalene	12.508	142	390	0.069	ng/ul	97
10) Acenaphthylene	14.177	152	291	0.033	ng/ul#	59
15) Phenanthrene	17.250	178	3142	0.332	ng/ul	98
16) Anthracene	17.342	178	549m	0.061	ng/ul	
19) Fluoranthene	19.266	202	9474	0.724	ng/ul#	92
20) Pyrene	19.633	202	8726	0.627	ng/ul#	93
21) Benzo(a)anthracene	21.386	228	4493	0.600	ng/ul	98
22) Chrysene	21.438	228	4170	0.299	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	5631	0.573	ng/ul	95
25) Benzo(k)fluoranthene	23.069	252	2758m	0.204	ng/ul	
26) Benzo(a)pyrene	23.636	252	3835	0.358	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.195	276	3529	0.243	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	727	0.065	ng/ul#	56
29) Benzo(g,h,i)perylene	26.960	276	2675	0.190	ng/ul	98

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

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