

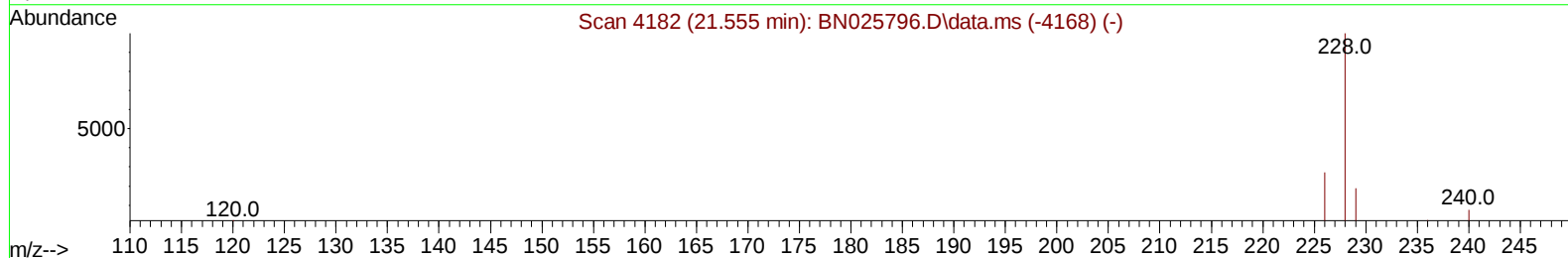
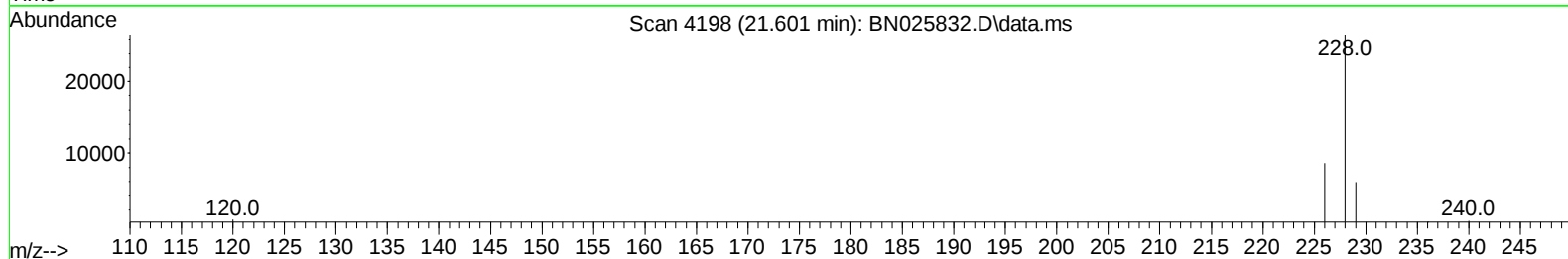
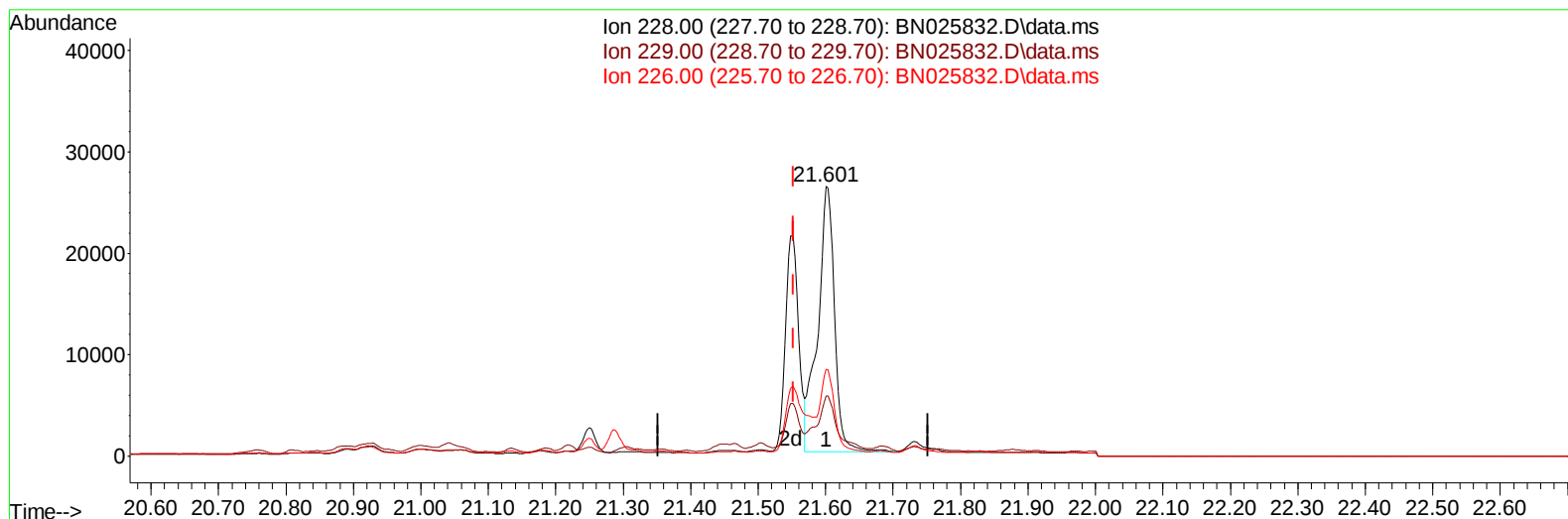
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025832.D
 Acq On : 14 Jun 2023 08:46
 Operator : MA/JU
 Sample : 02950-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW979DL

Manual IntegrationsAPPROVED

Quant Time: Jun 14 09:24:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025832.D\data.ms

(21) Benzo(a)anthracene

21.601min (+ 0.049) 0.52 ng/u1

response 45234

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	22.23
226.00	27.50	32.24
0.00	0.00	0.00

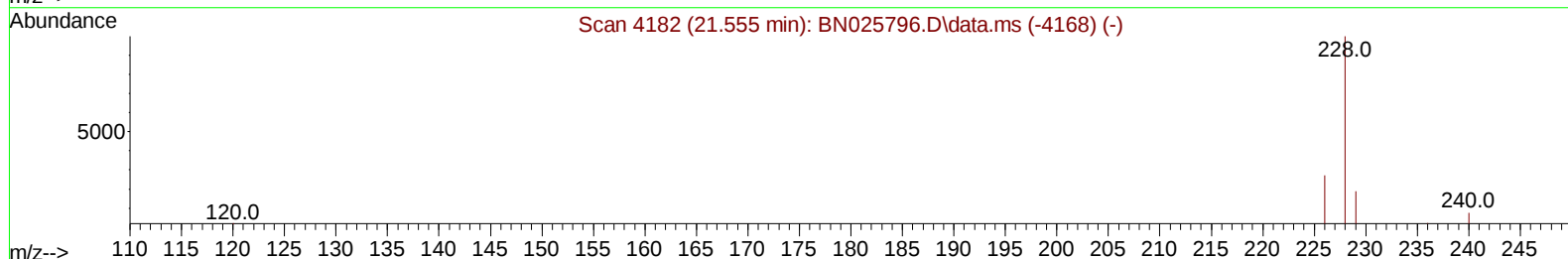
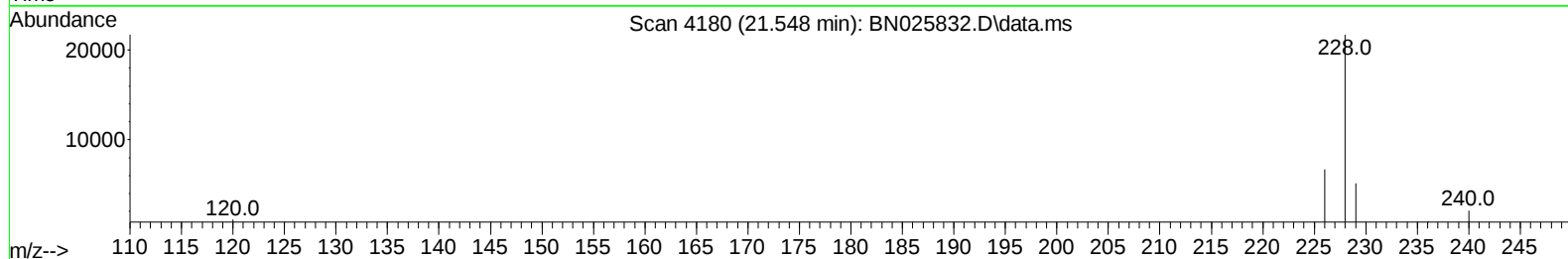
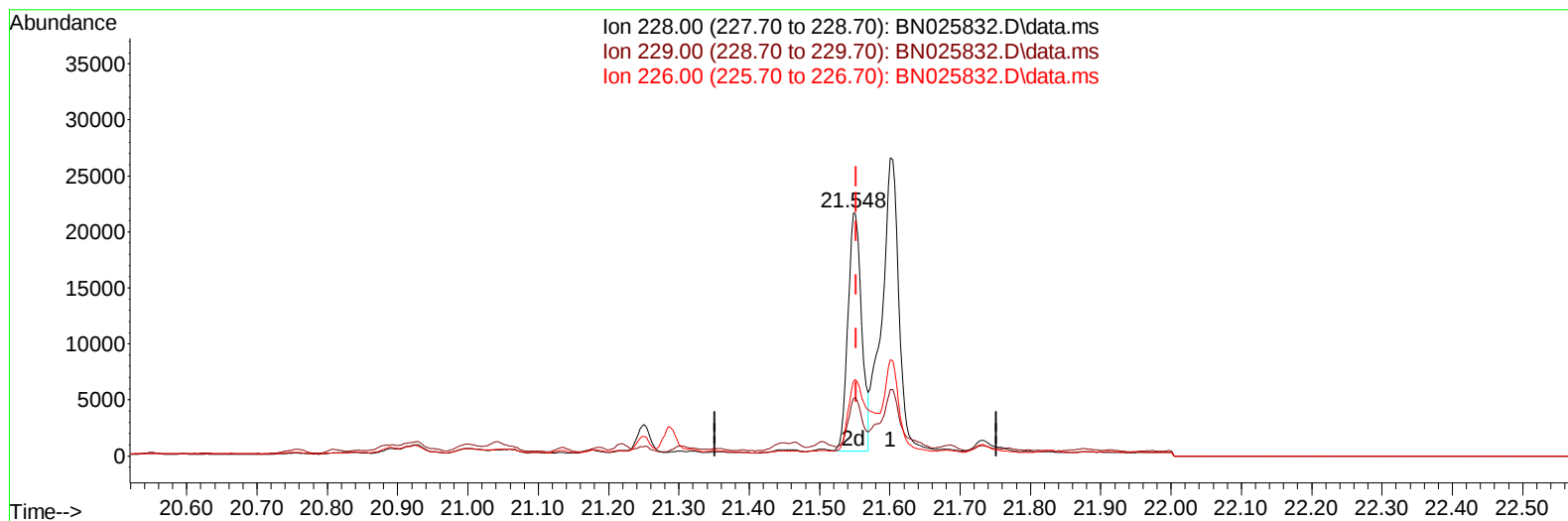
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TIC: BN025832.D\data.ms

(21) Benzo(a)anthracene

21.548min (-0.004) 0.33 ng/u1 m

response 28862

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	23.73#
226.00	27.50	30.80
0.00	0.00	0.00

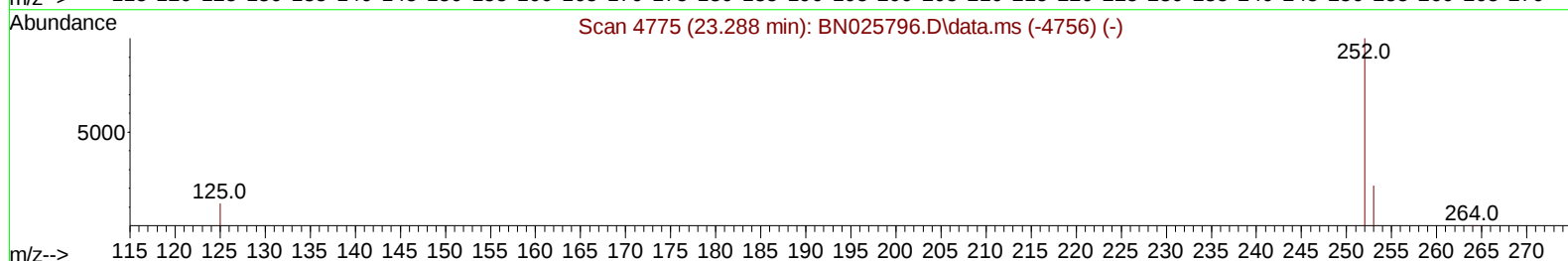
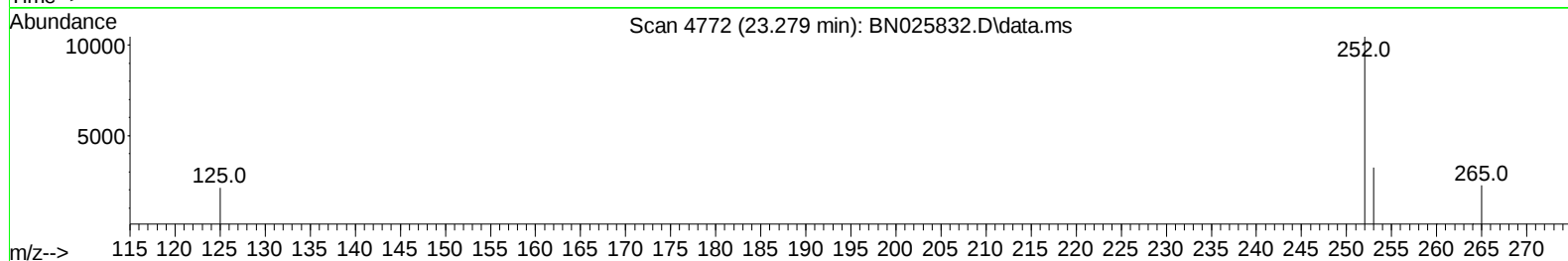
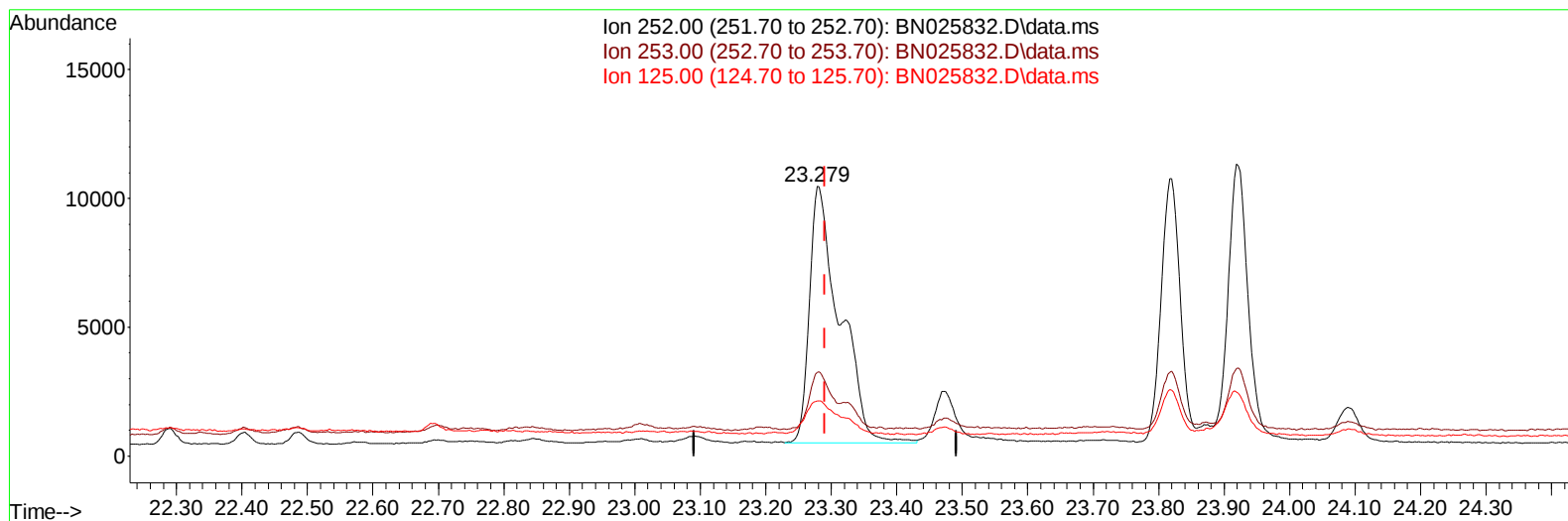
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TIC: BN025832.D\data.ms

(24) Benzo(b)fluoranthene

23.279min (-0.012) 0.31 ng/u1

response 31976

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	31.03
125.00	14.00	20.42
0.00	0.00	0.00

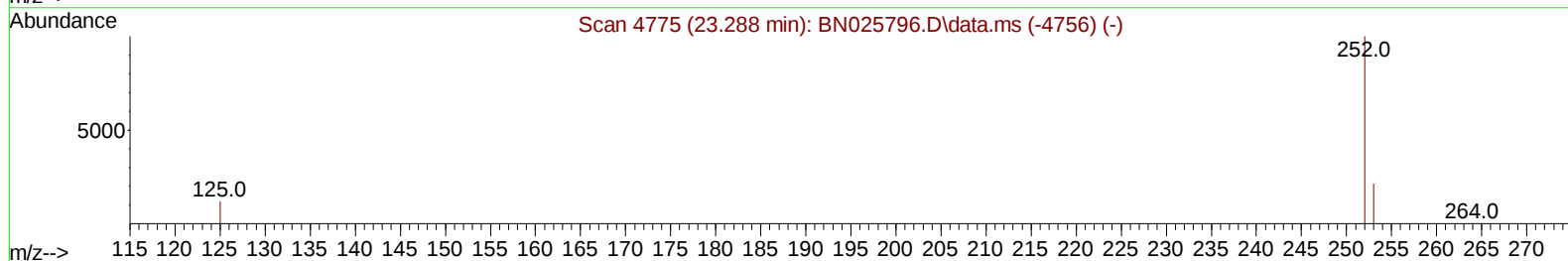
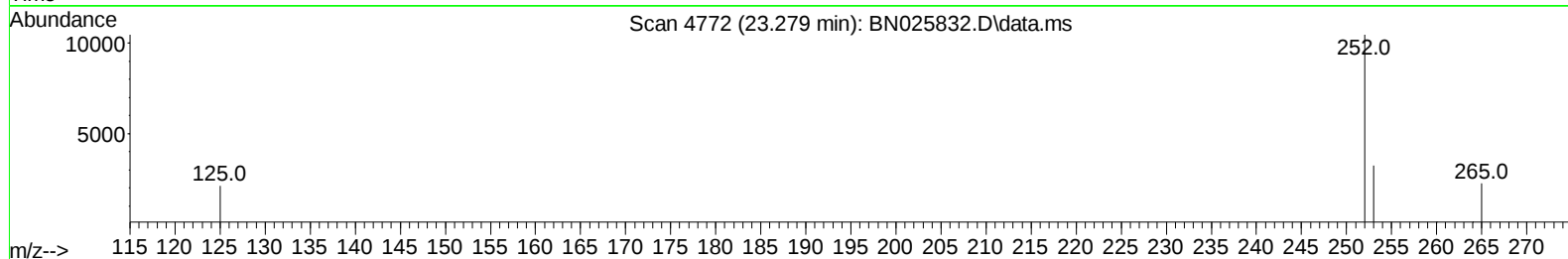
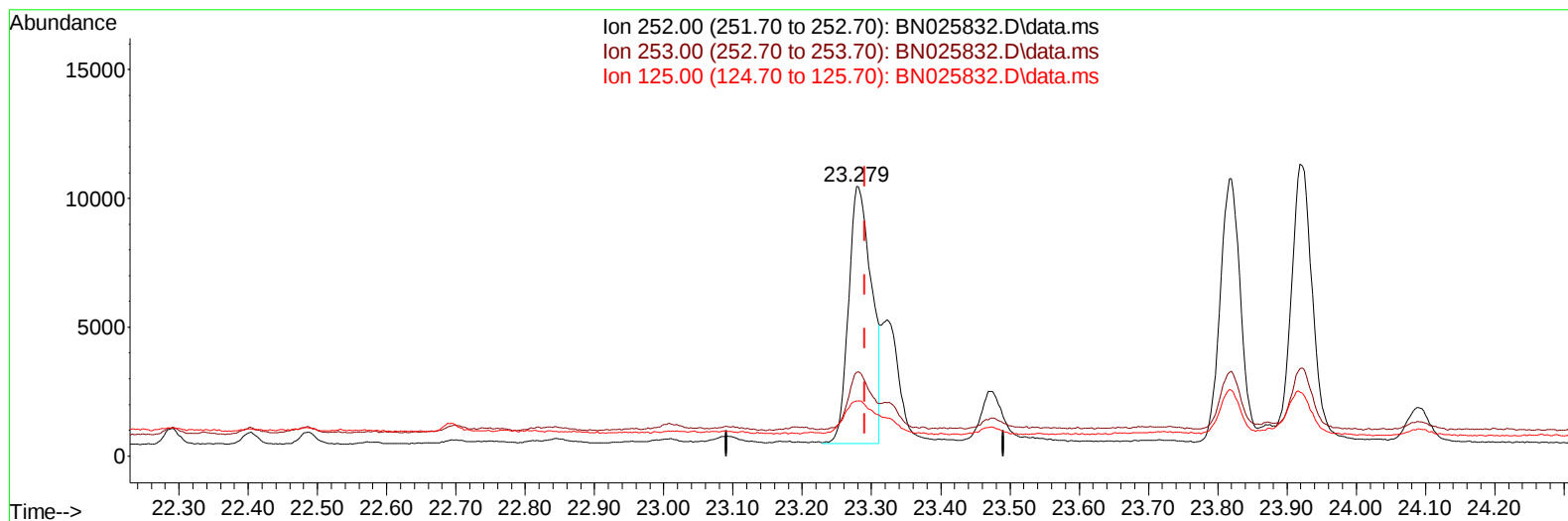
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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TIC: BN025832.D\data.ms

(24) Benzo(b)fluoranthene

23.279min (-0.012) 0.22 ng/u1 m

response 23020

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	31.03
125.00	14.00	20.42
0.00	0.00	0.00

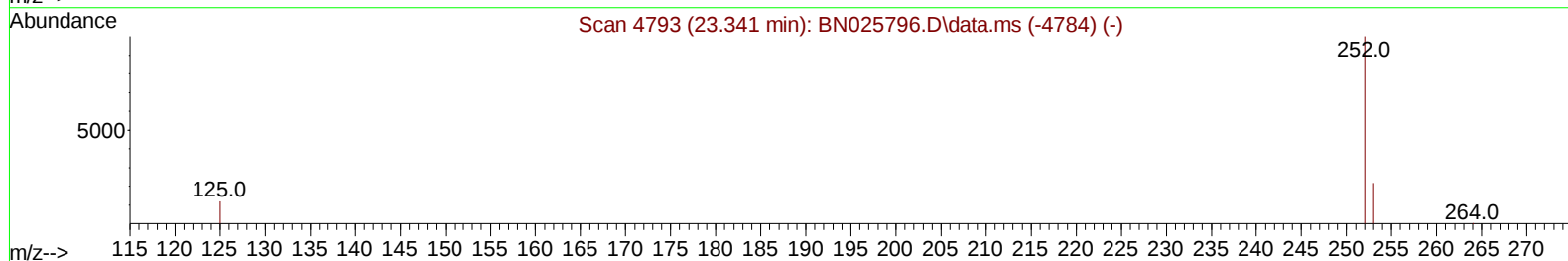
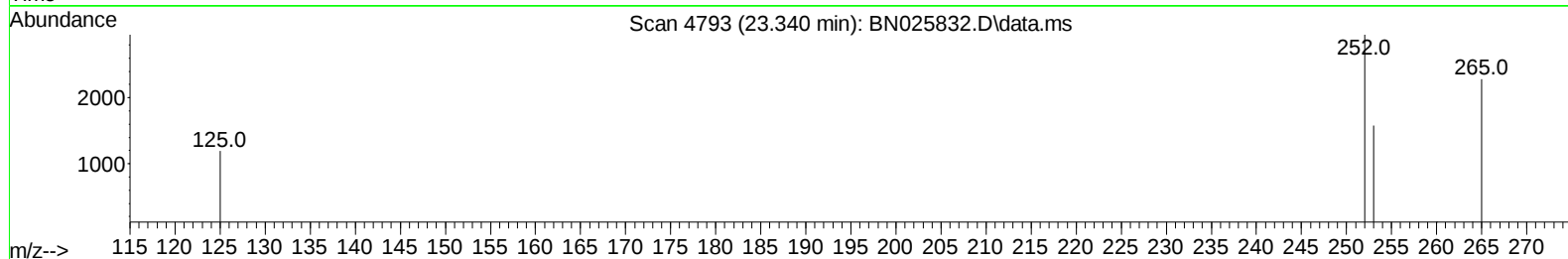
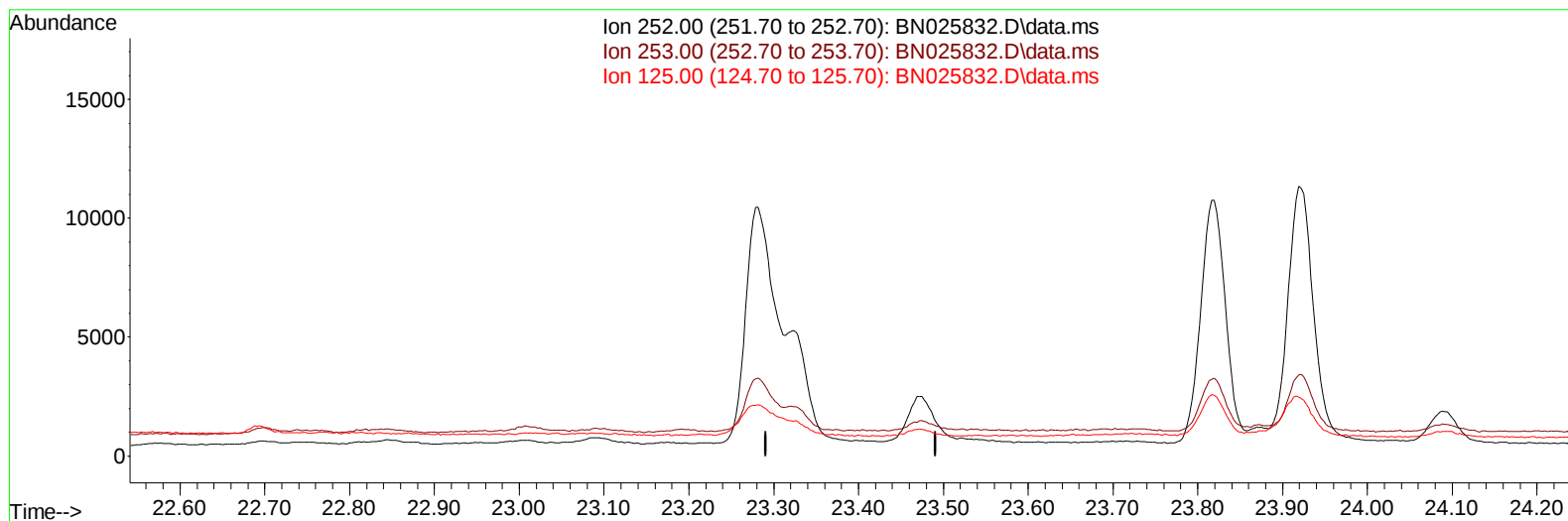
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 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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TIC: BN025832.D\data.ms

(25) Benzo(k)fluoranthene

23.341min (-23.341) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	29.10	0.00#
125.00	14.50	0.00#
0.00	0.00	0.00

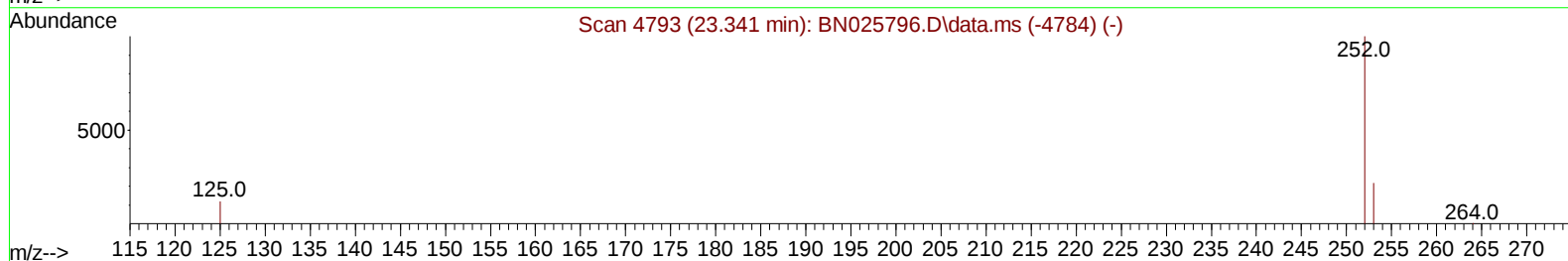
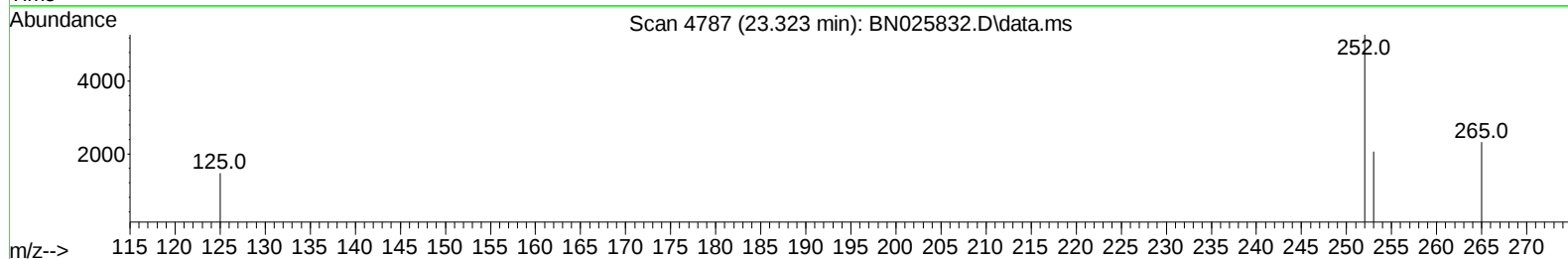
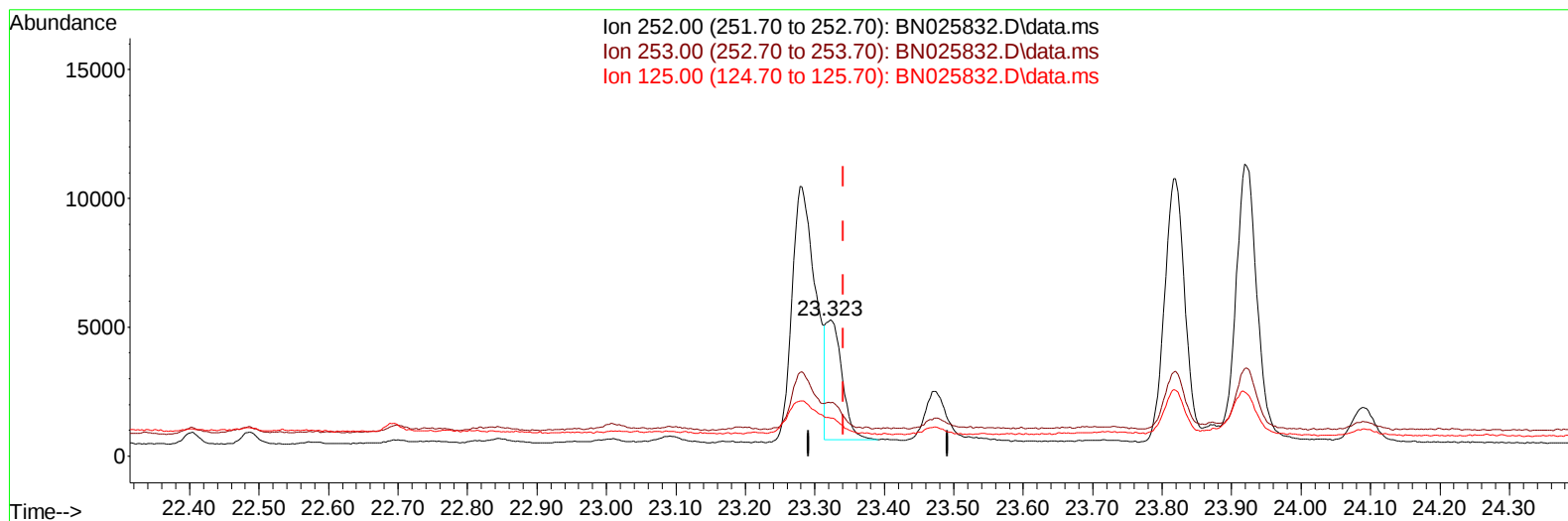
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 Operator : MA/JU
 Sample : 02950-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025832.D\data.ms

(25) Benzo(k)fluoranthene

23.323min (-0.018) 0.07 ng/ul m

response 7461

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	38.99#
125.00	14.50	27.65#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 02950-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152		13074	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.813	136		40799	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.634	164		24128	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188		49343	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240		27296	0.400	ng/ul	0.00
23) Perylene-d12	24.036	264		25013	0.400	ng/ul	#-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96		7934	0.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152		2150	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.404	212		4808	0.056	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.862	128		2424	0.023	ng/ul#	86
10) Acenaphthylene	14.357	152		6136	0.064	ng/ul#	92
11) Acenaphthene	14.699	153		3536	0.044	ng/ul	97
12) Fluorene	15.680	166		4480	0.051	ng/ul#	94
15) Phenanthrene	17.422	178		13210	0.092	ng/ul#	95
16) Anthracene	17.511	178		8211	0.068	ng/ul#	92
19) Fluoranthene	19.432	202		40942	0.328	ng/ul	98
20) Pyrene	19.795	202		75215	0.582	ng/ul	98
21) Benzo(a)anthracene	21.548	228		28862m	0.332	ng/ul	
22) Chrysene	21.601	228		44639	0.448	ng/ul	96
24) Benzo(b)fluoranthene	23.279	252		23020m	0.225	ng/ul	
25) Benzo(k)fluoranthene	23.323	252		7461m	0.073	ng/ul	
26) Benzo(a)pyrene	23.919	252		22486	0.259	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.613	276		10390	0.105	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.617	278		3503	0.047	ng/ul#	59
29) Benzo(g,h,i)perylene	27.412	276		12000	0.135	ng/ul	97

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

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