

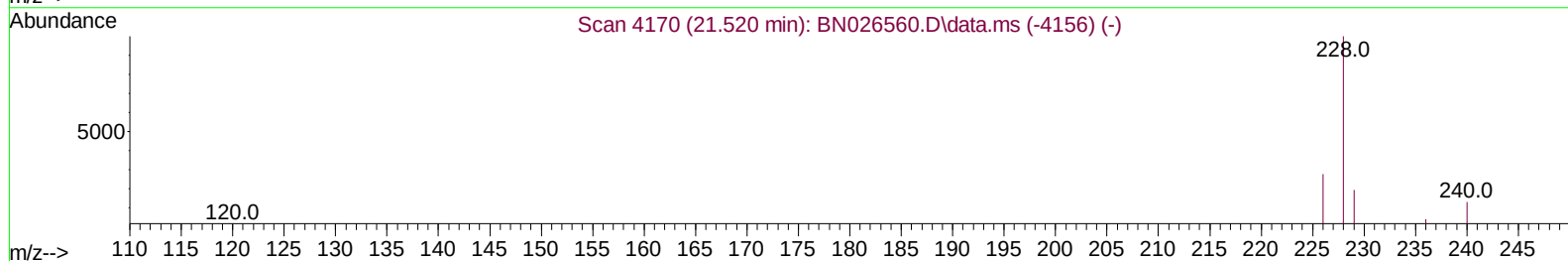
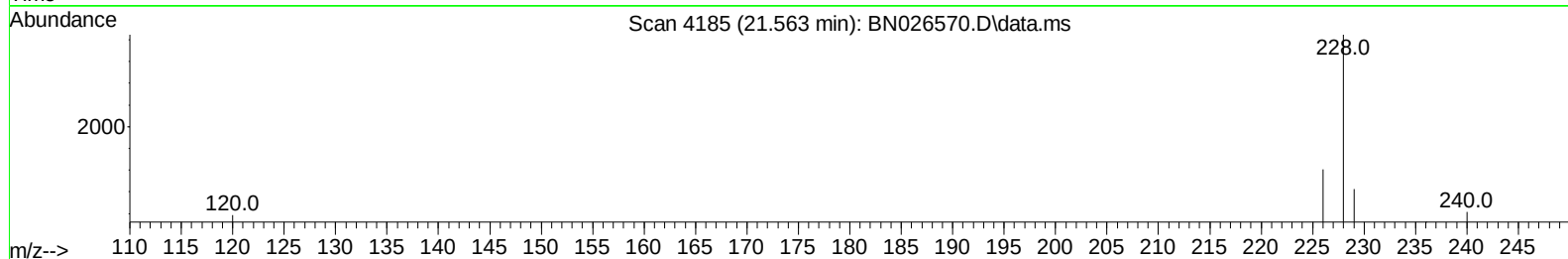
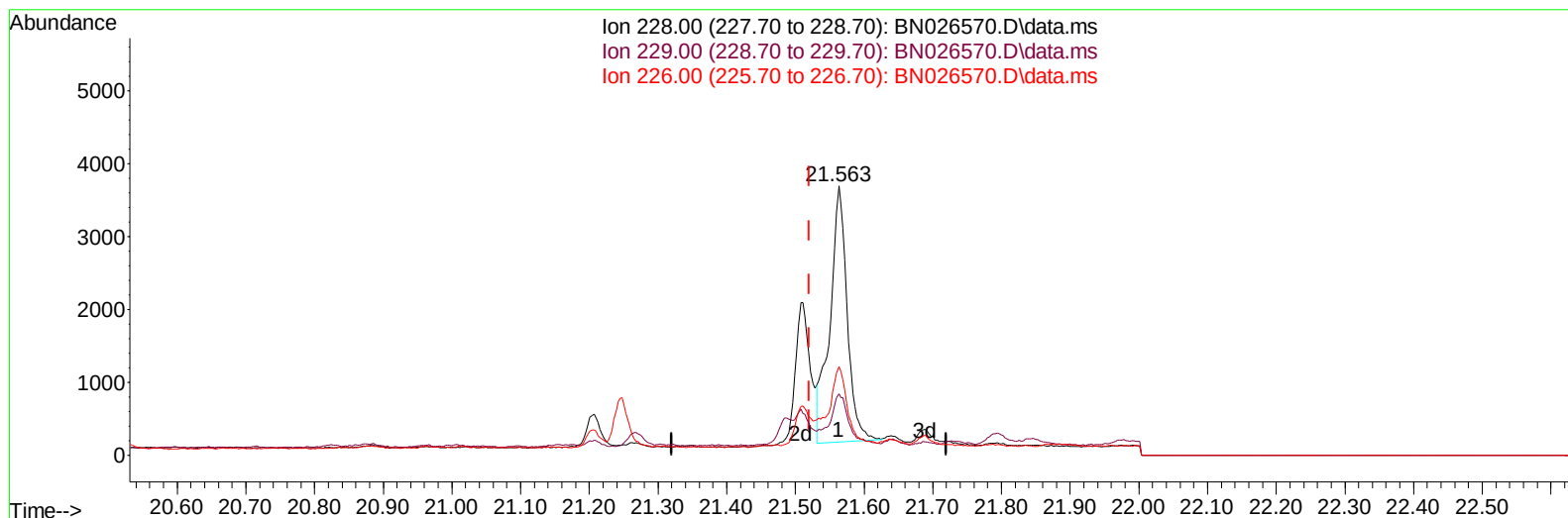
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026570.D
 Acq On : 18 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 00:18:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BN026570.D\data.ms

(21) Benzo(a)anthracene

21.563min (+ 0.043) 0.16 ng/ul

response 6145

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.90	22.89
226.00	29.40	32.83
0.00	0.00	0.00

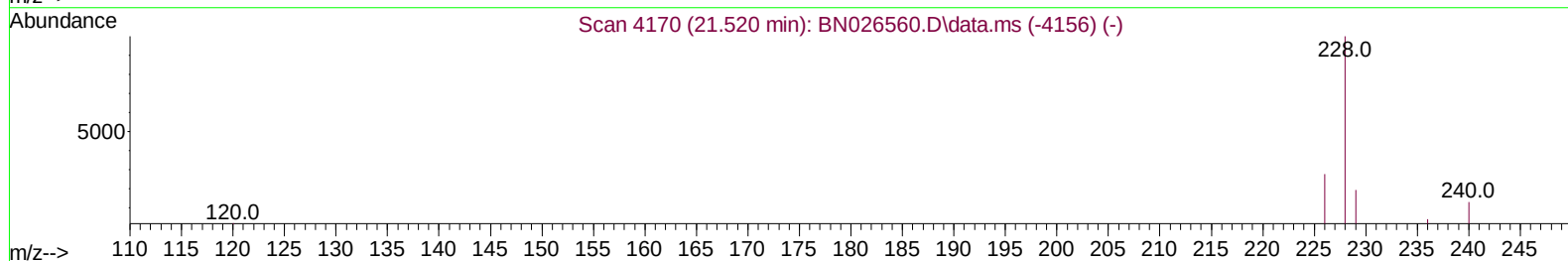
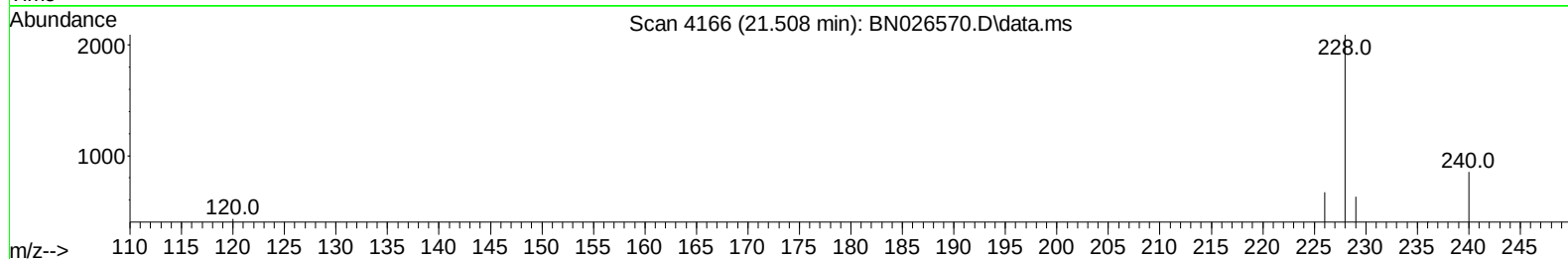
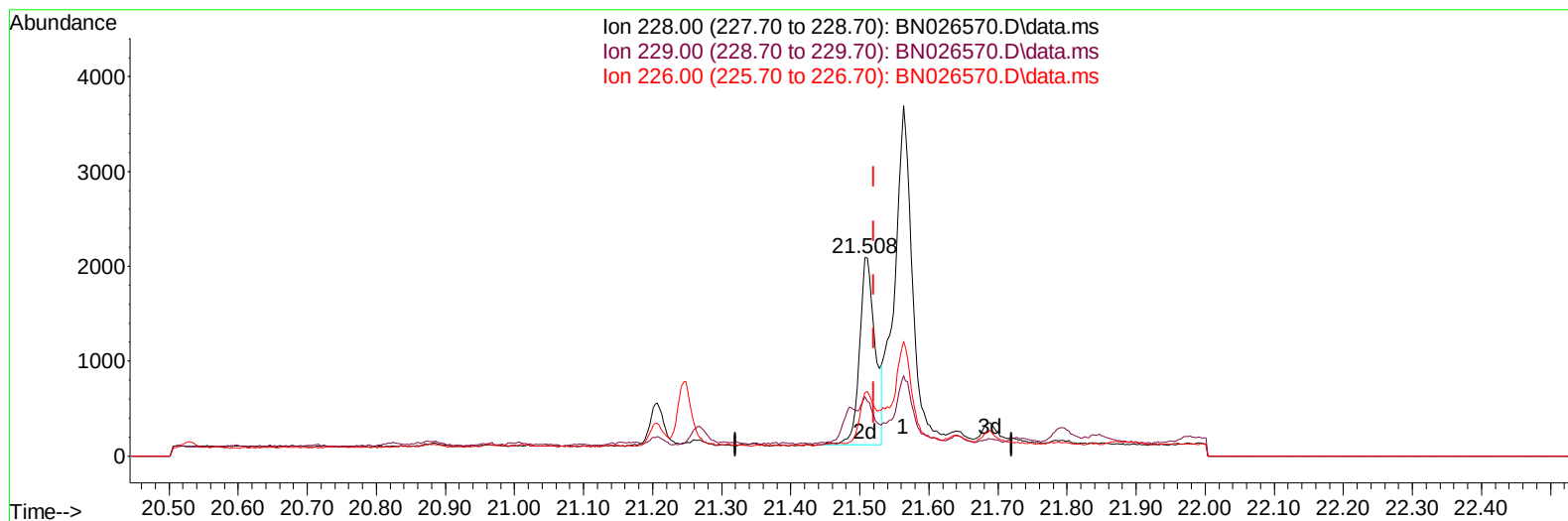
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TIC: BN026570.D\data.ms

(21) Benzo(a)anthracene

21.508min (-0.013) 0.08 ng/ul m

response 3123

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.90	30.02#
226.00	29.40	31.98
0.00	0.00	0.00

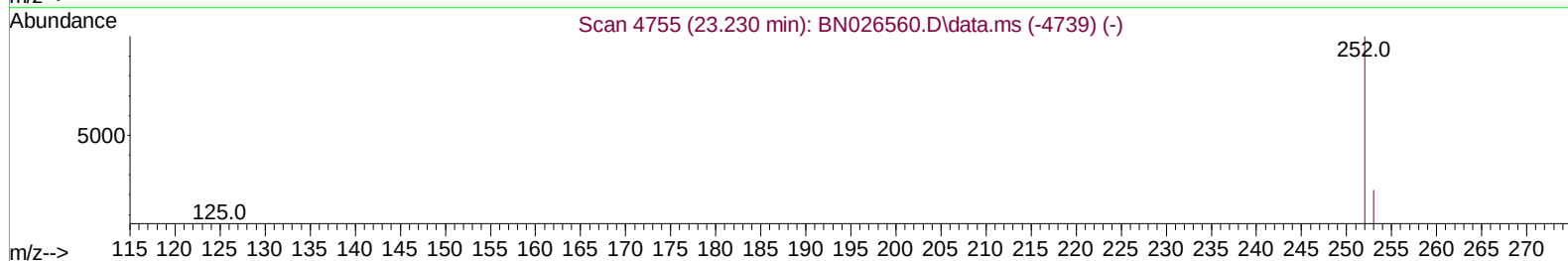
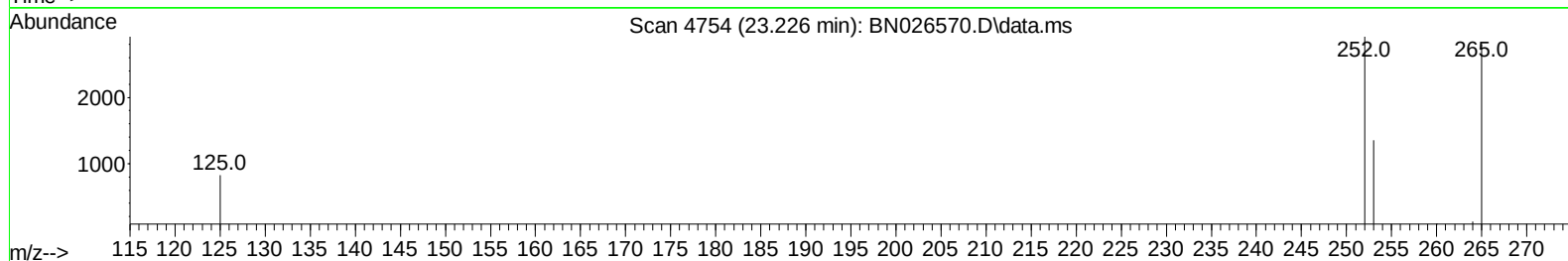
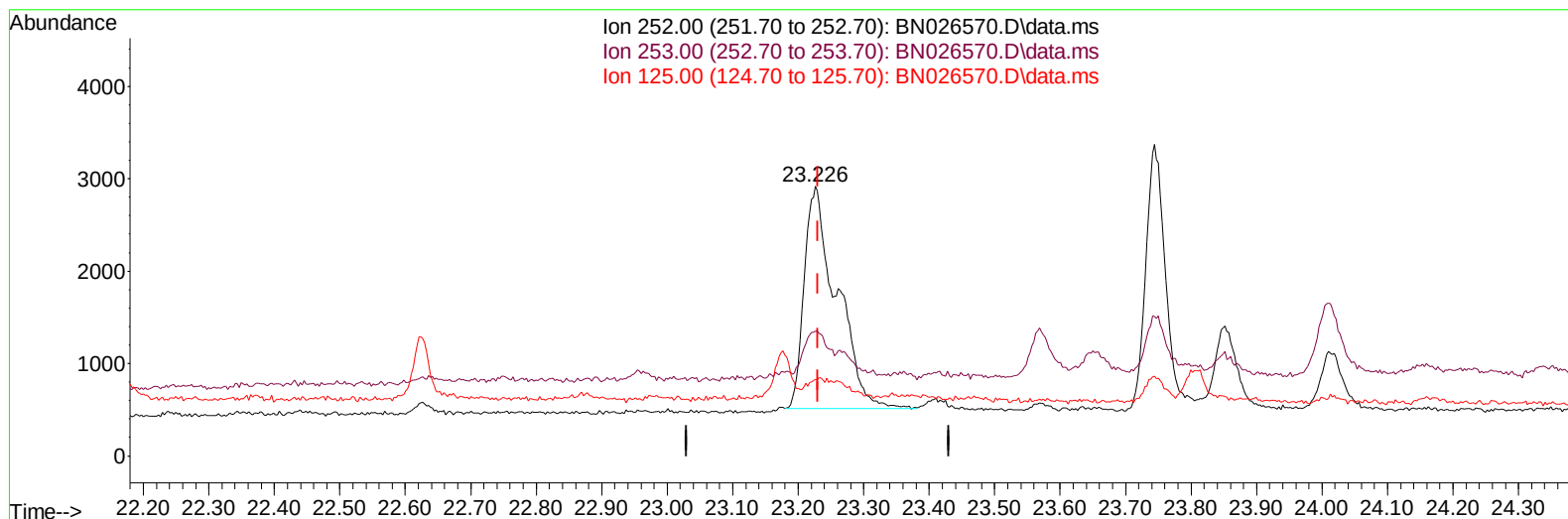
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 Data File : BN026570.D
 Acq On : 18 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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TIC: BN026570.D\data.ms

(24) Benzo(b)fluoranthene

23.226min (-0.004) 0.25 ng/u1

response 8290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	46.26
125.00	17.00	28.43
0.00	0.00	0.00

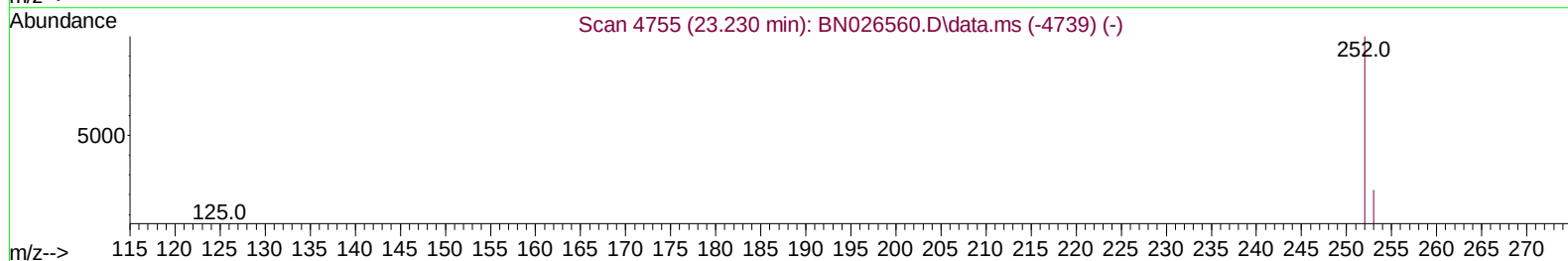
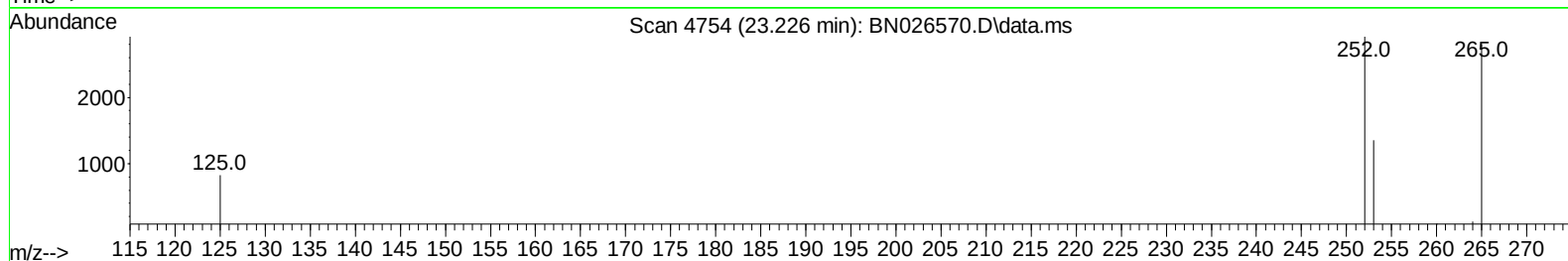
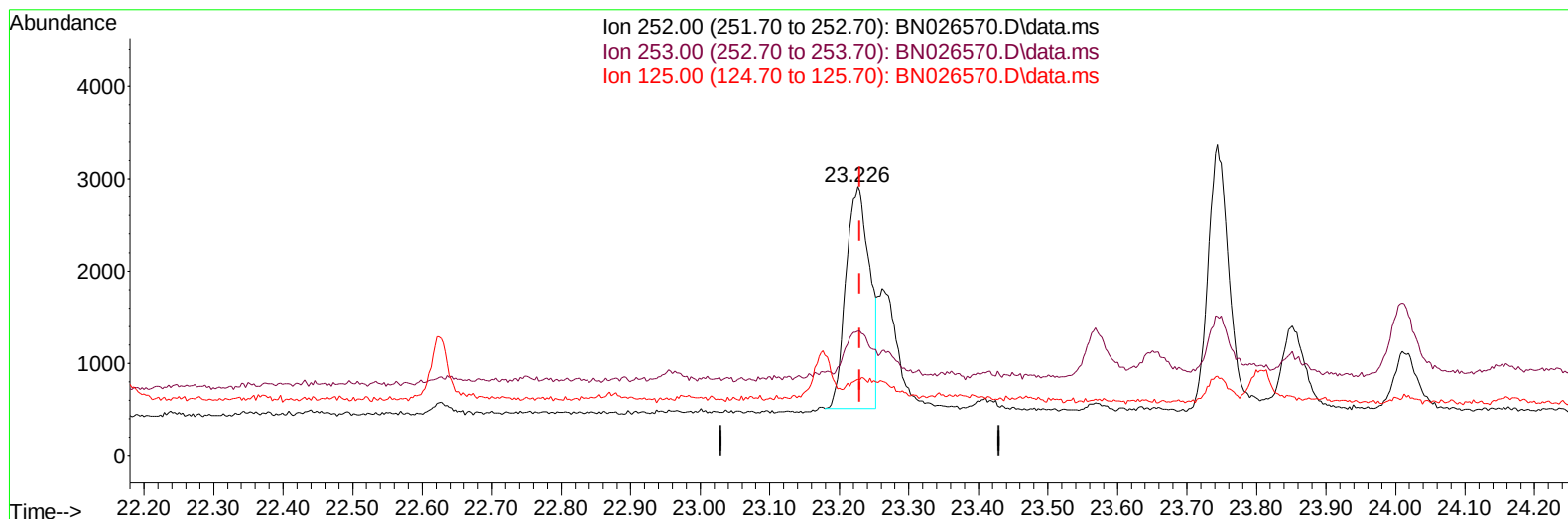
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
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 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN026570.D\data.ms

(24) Benzo(b)fluoranthene

23.226min (-0.004) 0.17 ng/ul m

response 5693

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	46.26
125.00	17.00	28.43
0.00	0.00	0.00

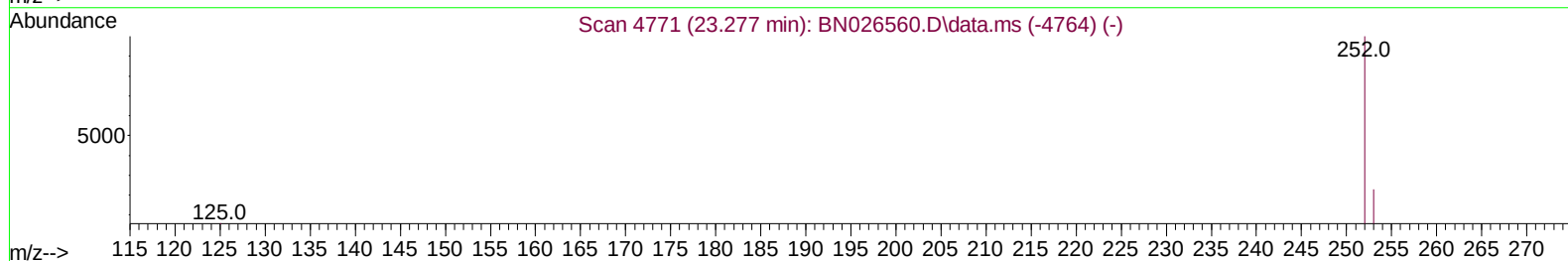
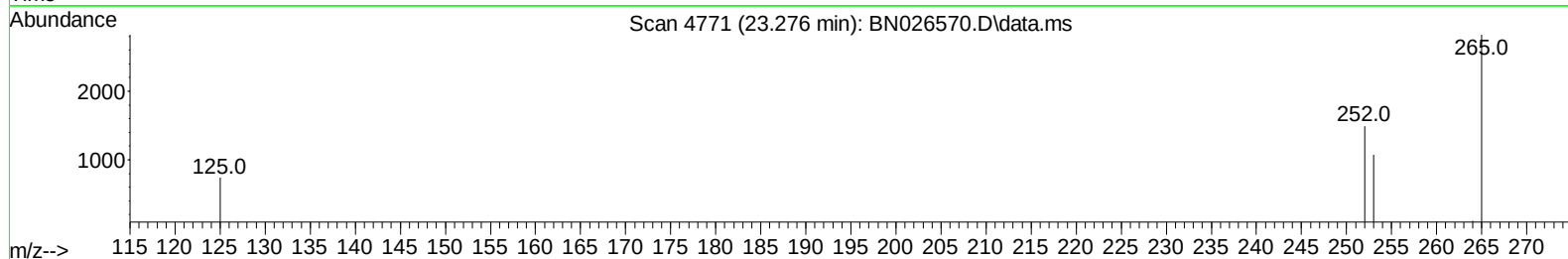
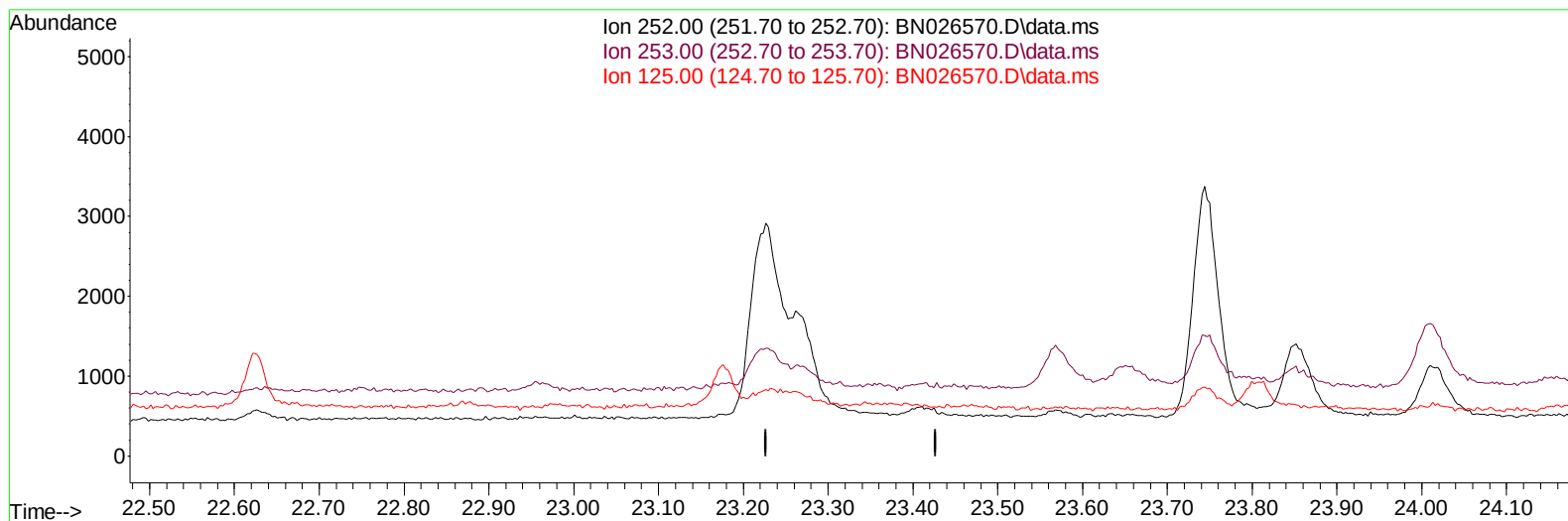
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Data File : BN026570.D
Acq On : 18 Jul 2023 18:37
Operator : MA/JU
Sample : 03458-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46M5

Manual IntegrationsAPPROVED

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TIC: BN026570.D\data.ms

(25) Benzo(k)fluoranthene

23.277min (-23.277) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	34.00	0.00#
125.00	16.80	0.00#
0.00	0.00	0.00

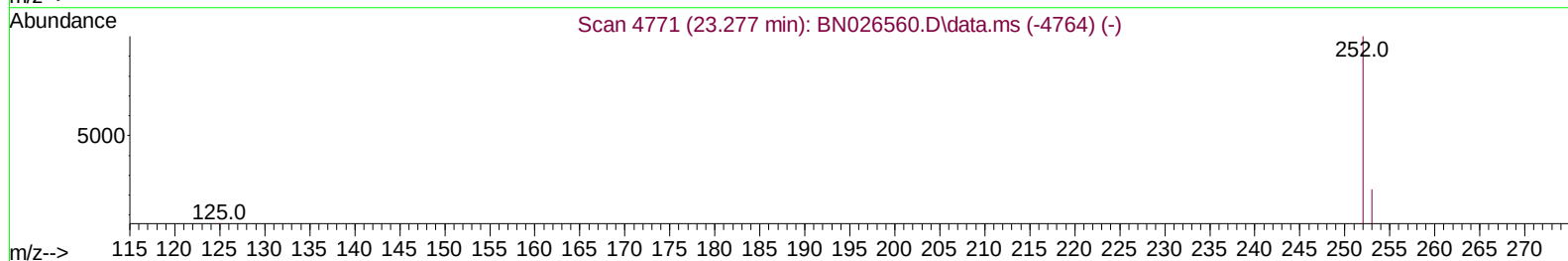
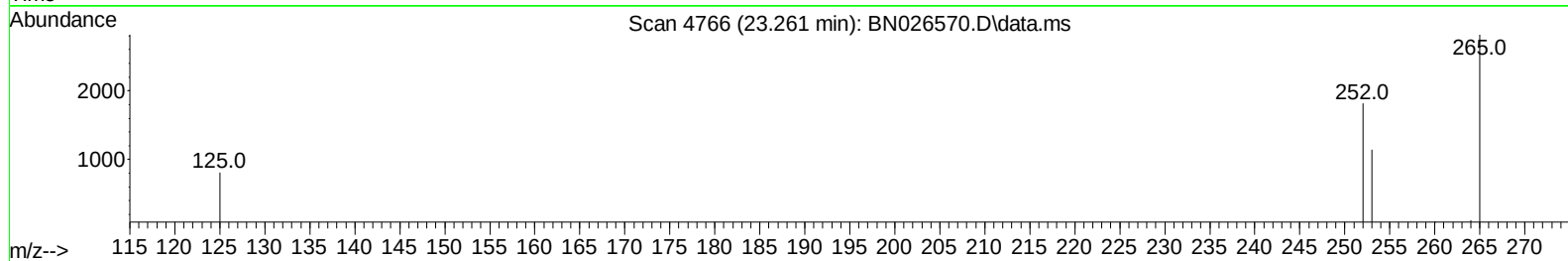
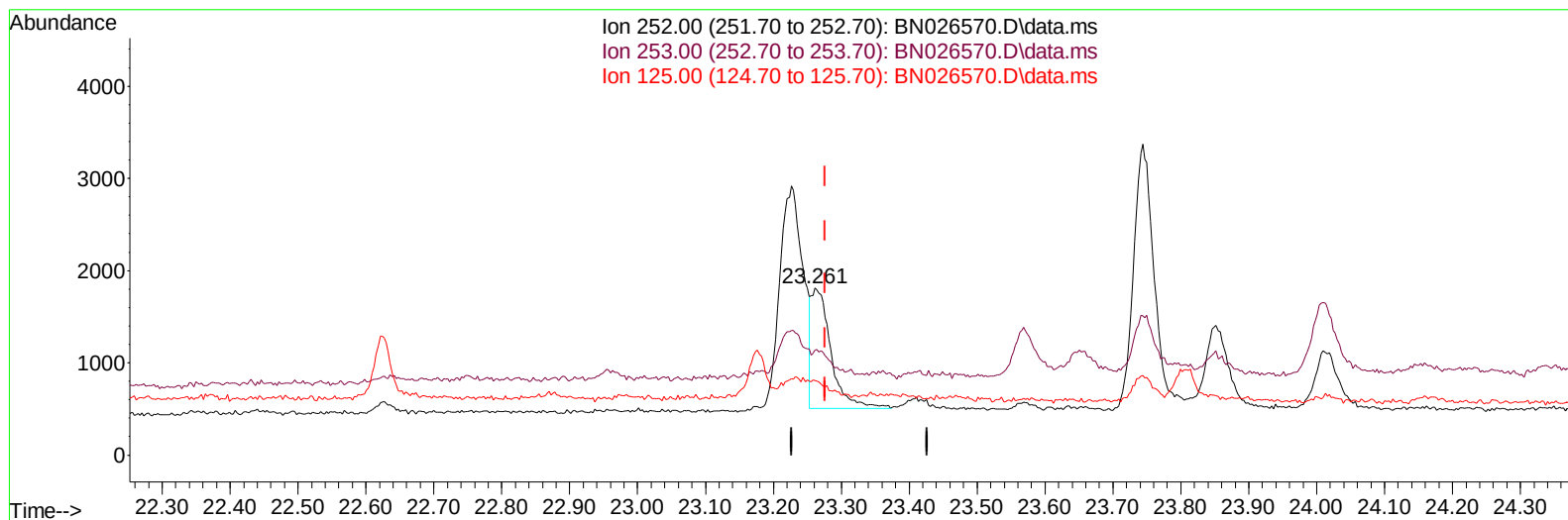
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 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN026570.D\data.ms

(25) Benzo(k)fluoranthene

23.261min (-0.016) 0.08 ng/ul m

response 2634

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	62.70#
125.00	16.80	44.41#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.925	152		2692	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.736	136		8254	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164		5200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188		11834	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240		10599	0.400	ng/ul	# 0.00
23) Perylene-d12	23.960	264		8600	0.400	ng/ul	#-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.289	96		3720	1.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152		1041	0.093	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212		3173	0.086	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.785	128		3126	0.138	ng/ul#	95
7) 2-Methylnaphthalene	12.408	142		298	0.023	ng/ul	93
11) Acenaphthene	14.639	153		587	0.030	ng/ul	96
15) Phenanthrene	17.368	178		3846	0.102	ng/ul	96
19) Fluoranthene	19.390	202		14969	0.301	ng/ul	97
20) Pyrene	19.748	202		20034	0.371	ng/ul	97
21) Benzo(a)anthracene	21.508	228		3123m	0.080	ng/ul	
22) Chrysene	21.563	228		5985	0.135	ng/ul	97
24) Benzo(b)fluoranthene	23.226	252		5693m	0.170	ng/ul	
25) Benzo(k)fluoranthene	23.261	252		2634m	0.075	ng/ul	
26) Benzo(a)pyrene	23.852	252		2106	0.071	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.506	276		3889	0.099	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.506	278		601	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.288	276		1820	0.053	ng/ul#	82

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

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