

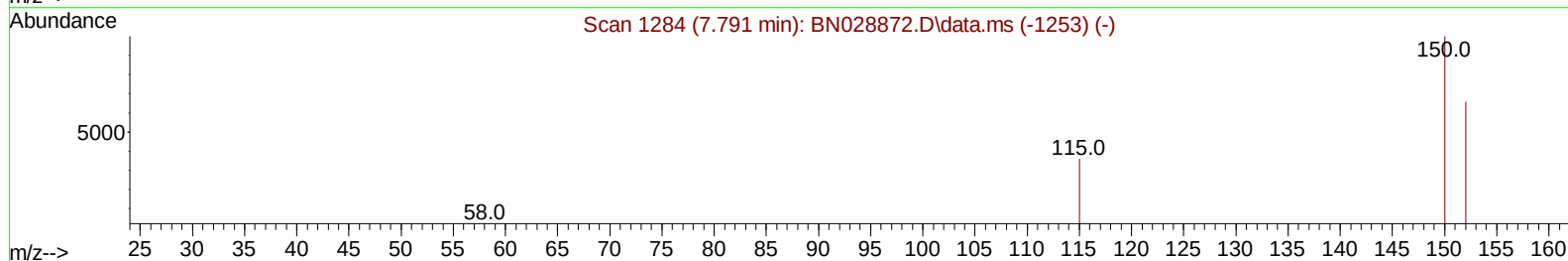
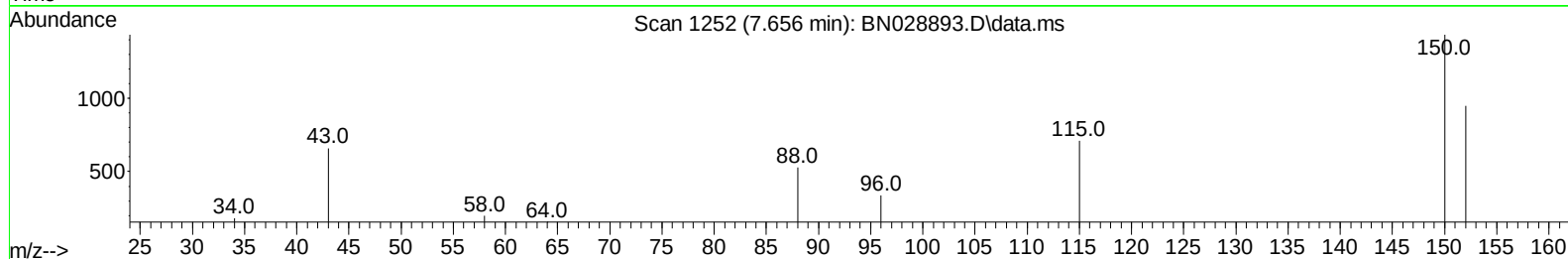
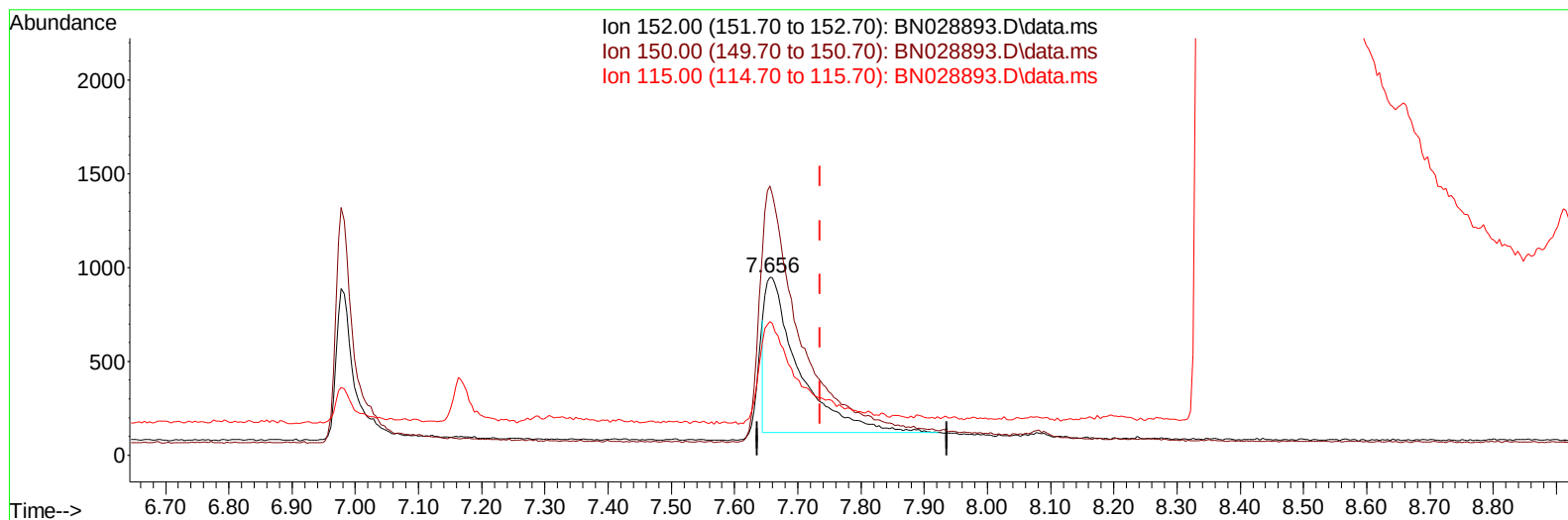
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028893.D
Acq On : 27 Nov 2023 23:46
Operator : MA/JU
Sample : 05416-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:31:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BN028893.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.656min (-0.080) 0.40 ng/u1

response 3114

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	150.95
115.00	62.20	74.95#
0.00	0.00	0.00

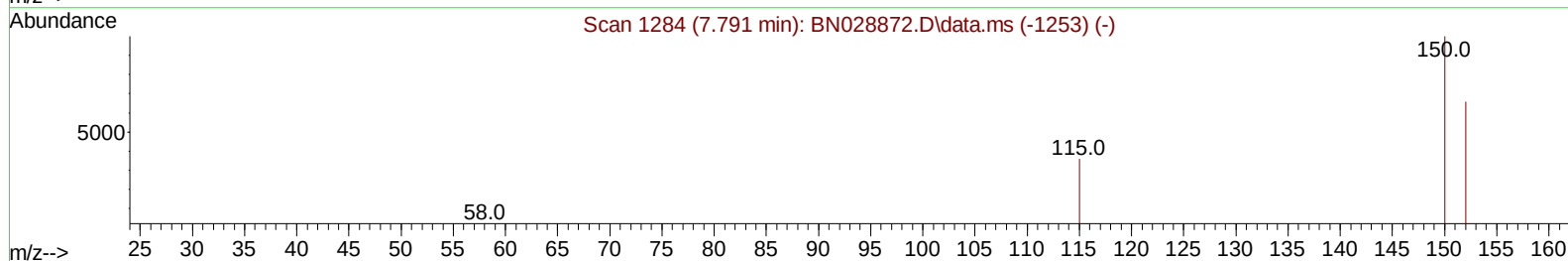
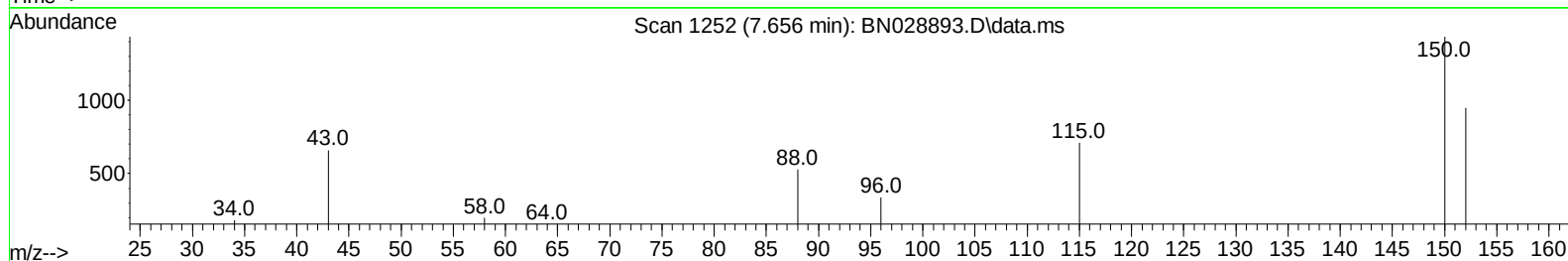
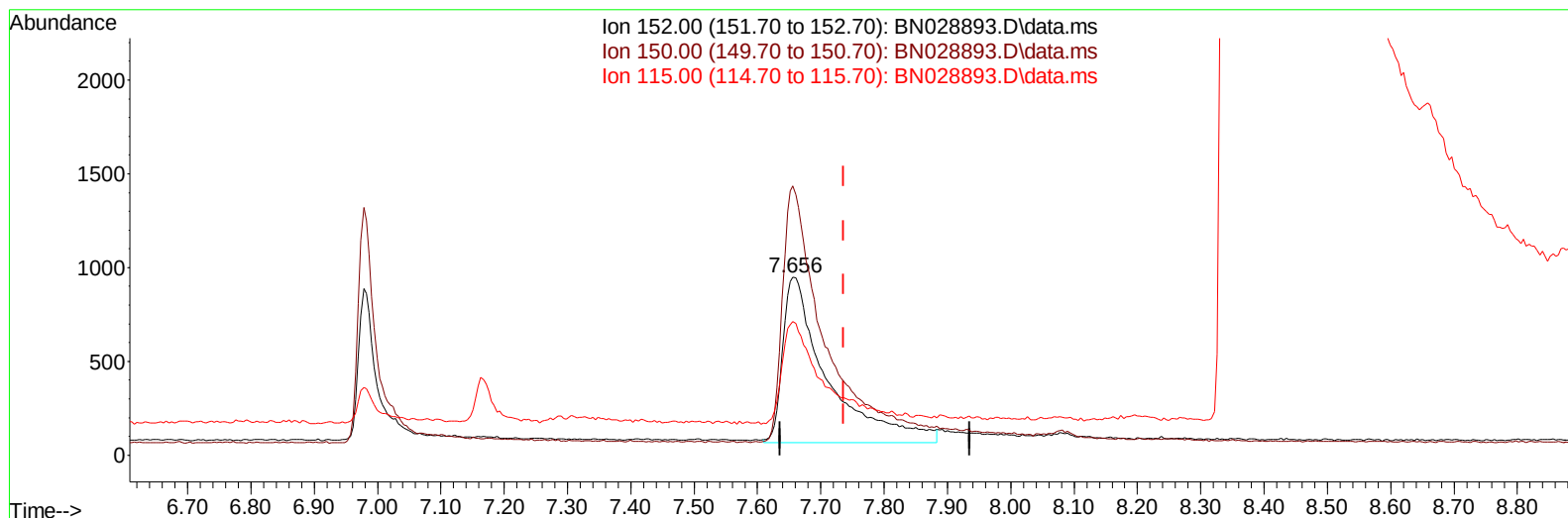
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Misc :
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TIC: BN028893.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.656min (-0.080) 0.40 ng/ul m

response 4310

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	150.95
115.00	62.20	74.95#
0.00	0.00	0.00

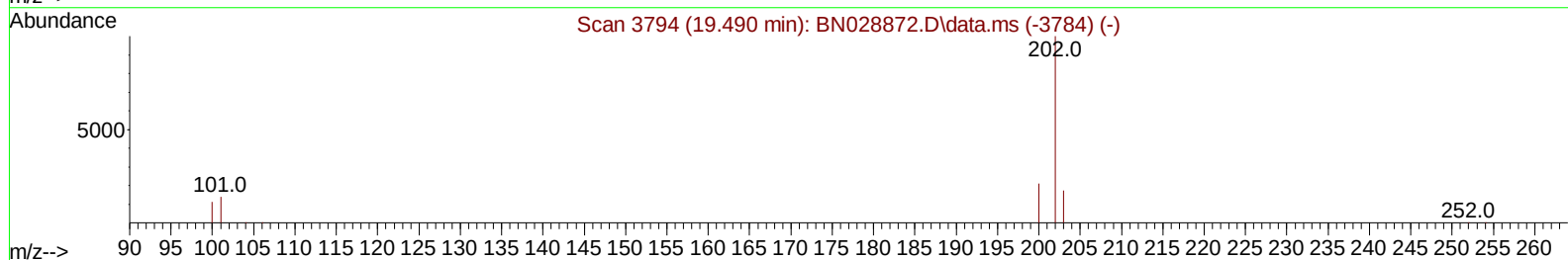
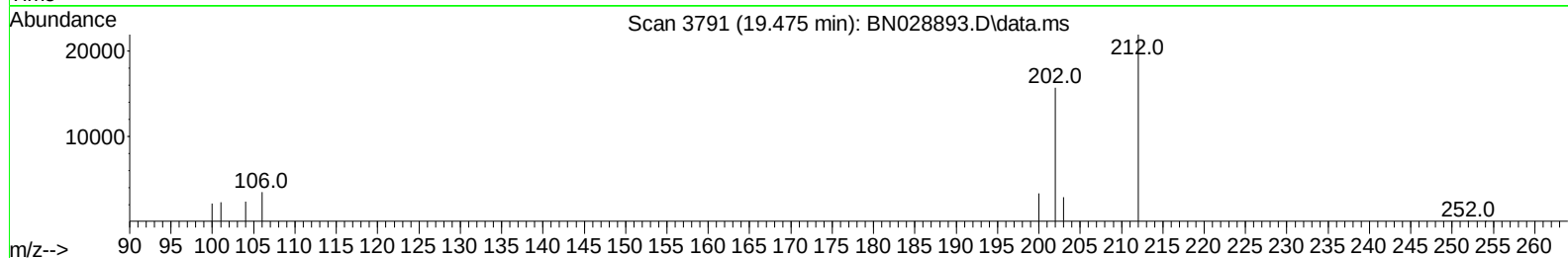
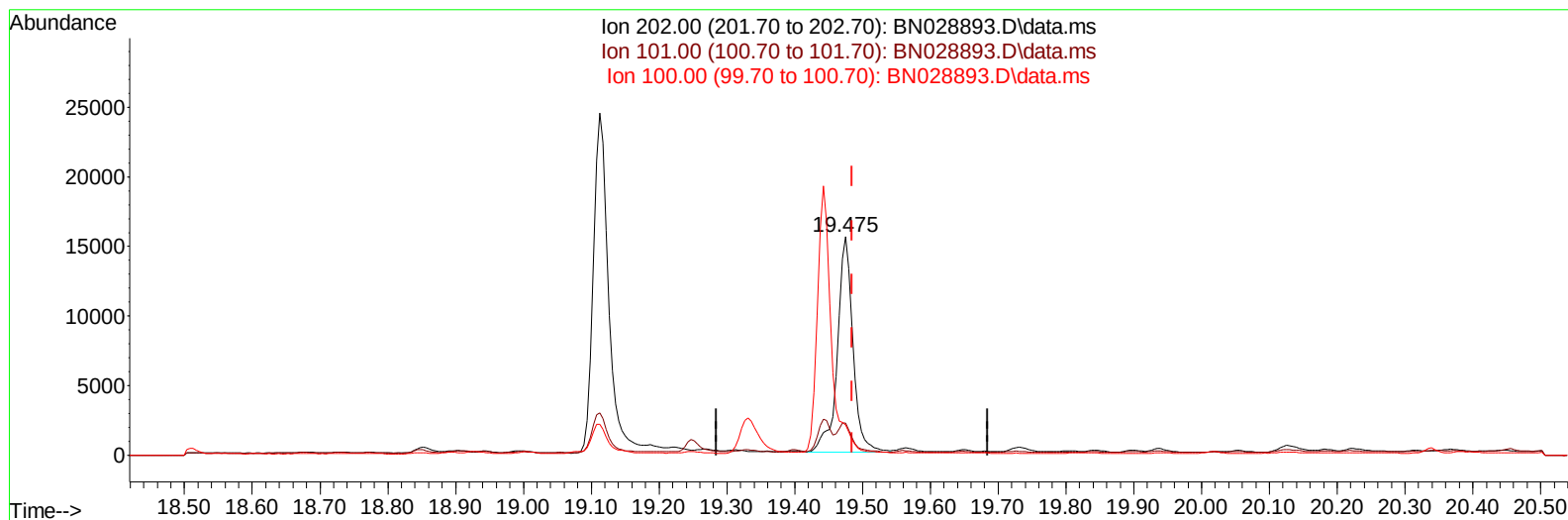
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TIC: BN028893.D\data.ms

(20) Pyrene

19.475min (-0.010) 0.45 ng/u1

response 24546

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.90	14.57
100.00	10.20	13.90#
0.00	0.00	0.00

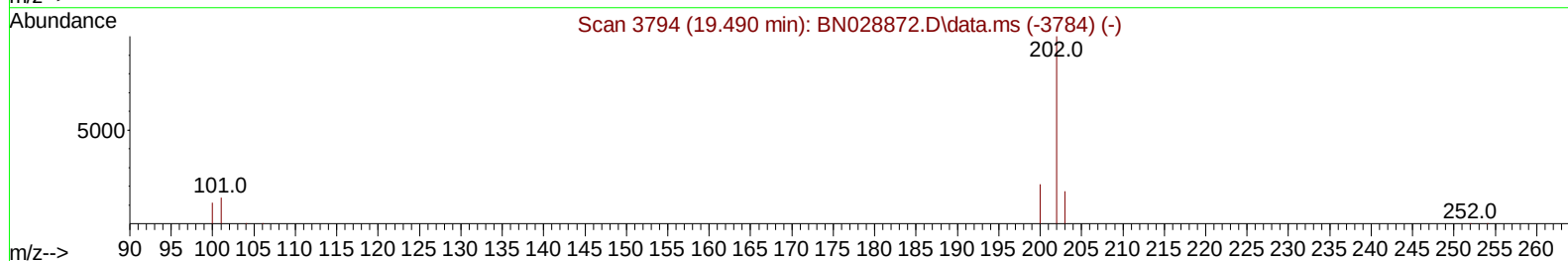
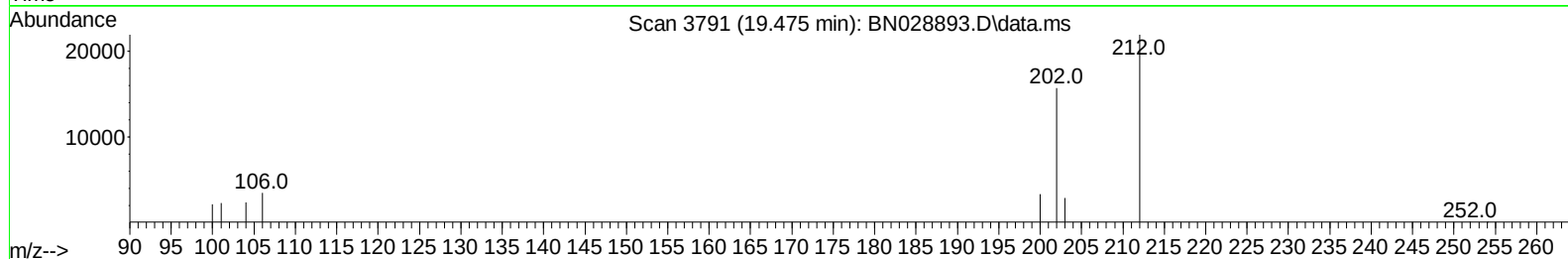
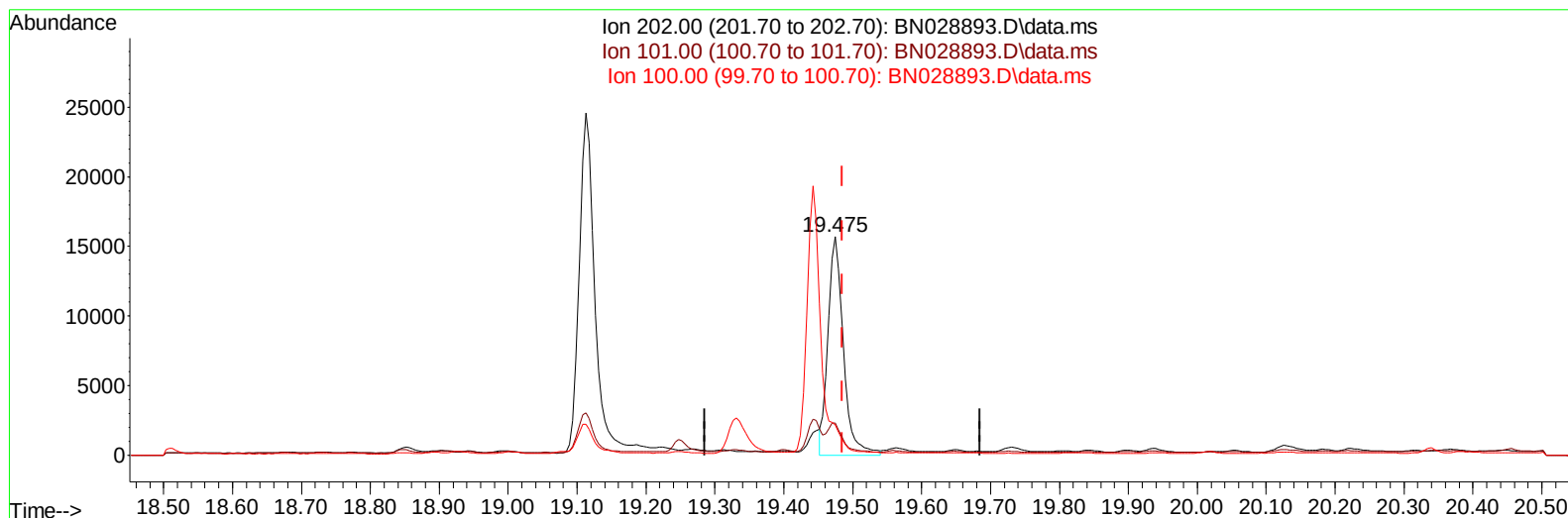
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028893.D
Acq On : 27 Nov 2023 23:46
Operator : MA/JU
Sample : 05416-05
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BN028893.D\data.ms

(20) Pyrene

19.475min (-0.010) 0.44 ng/ul m

response 24027

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.90	14.57
100.00	10.20	13.90#
0.00	0.00	0.00

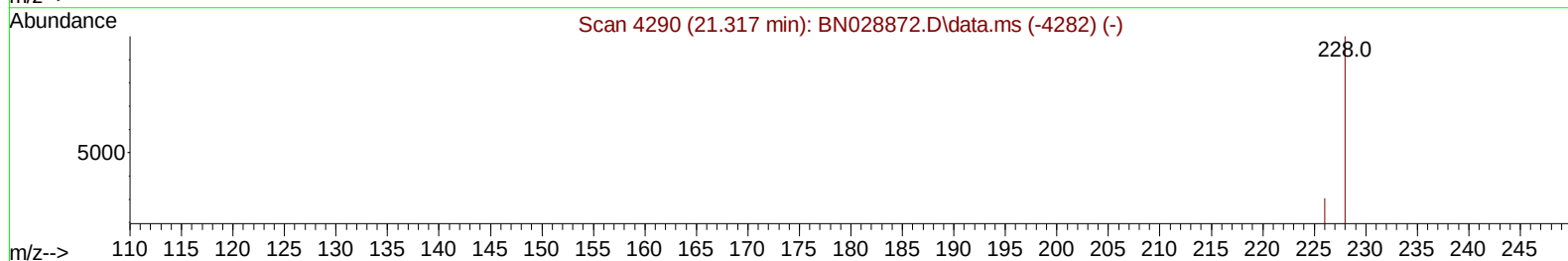
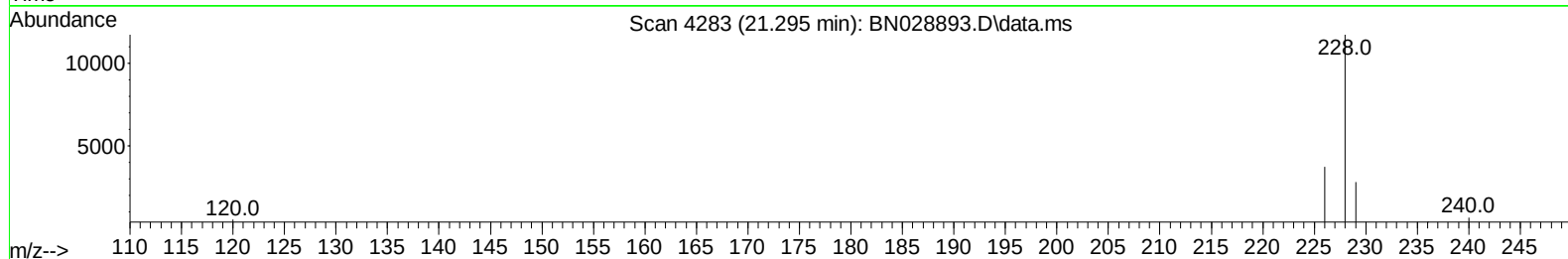
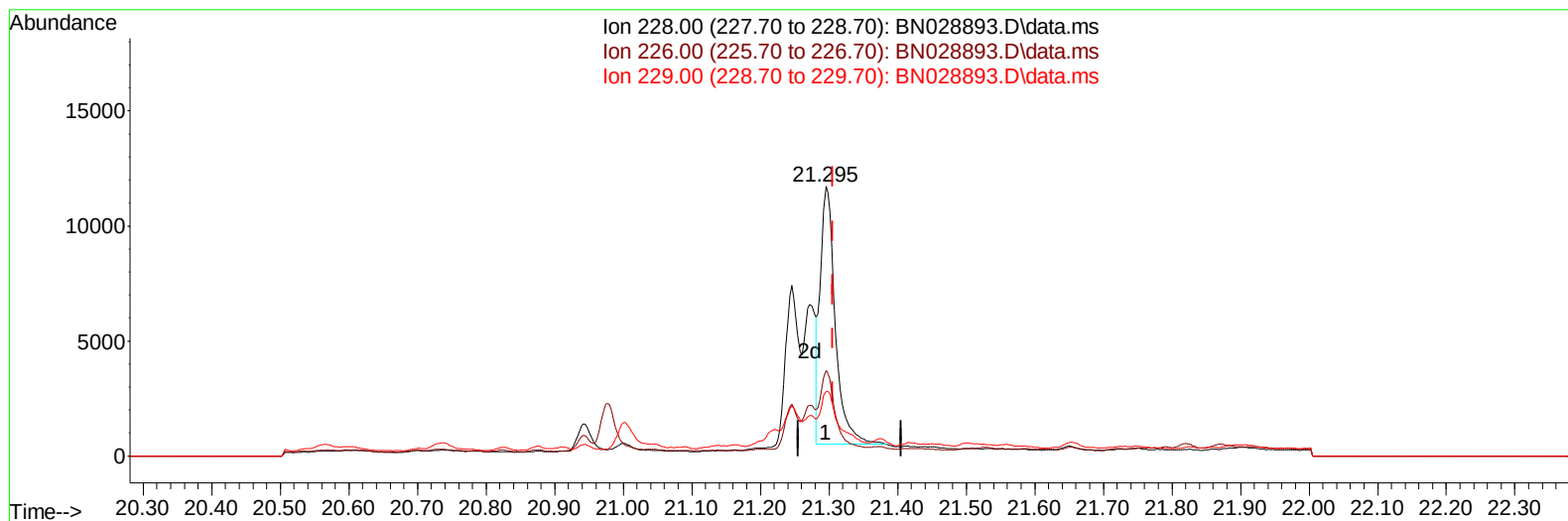
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BN028893.D\data.ms

(22) Chrysene

21.295min (-0.010) 0.36 ng/u1

response 17207

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	31.80
229.00	19.30	24.04#
0.00	0.00	0.00

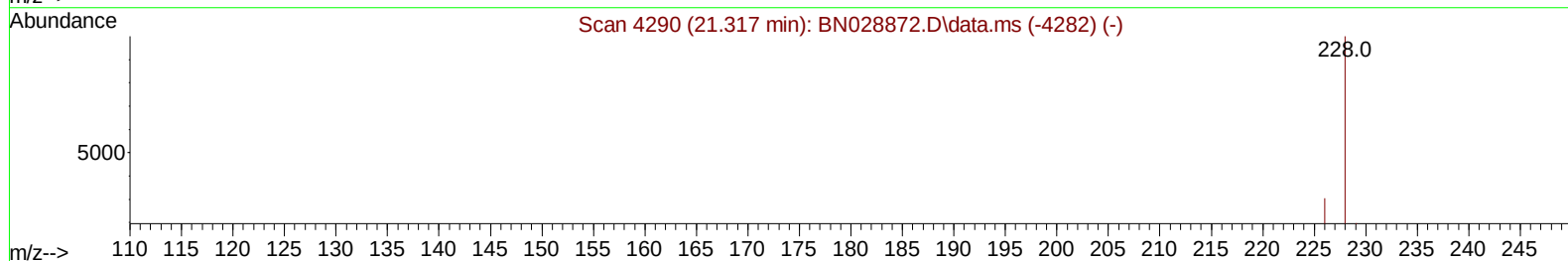
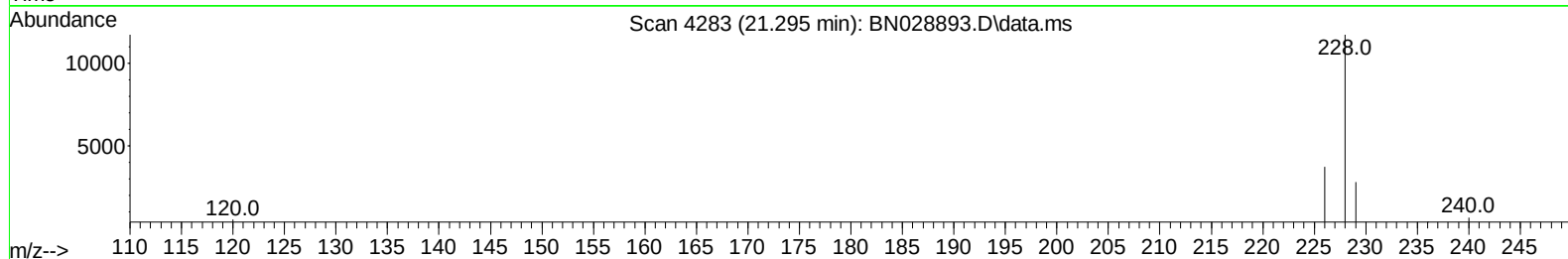
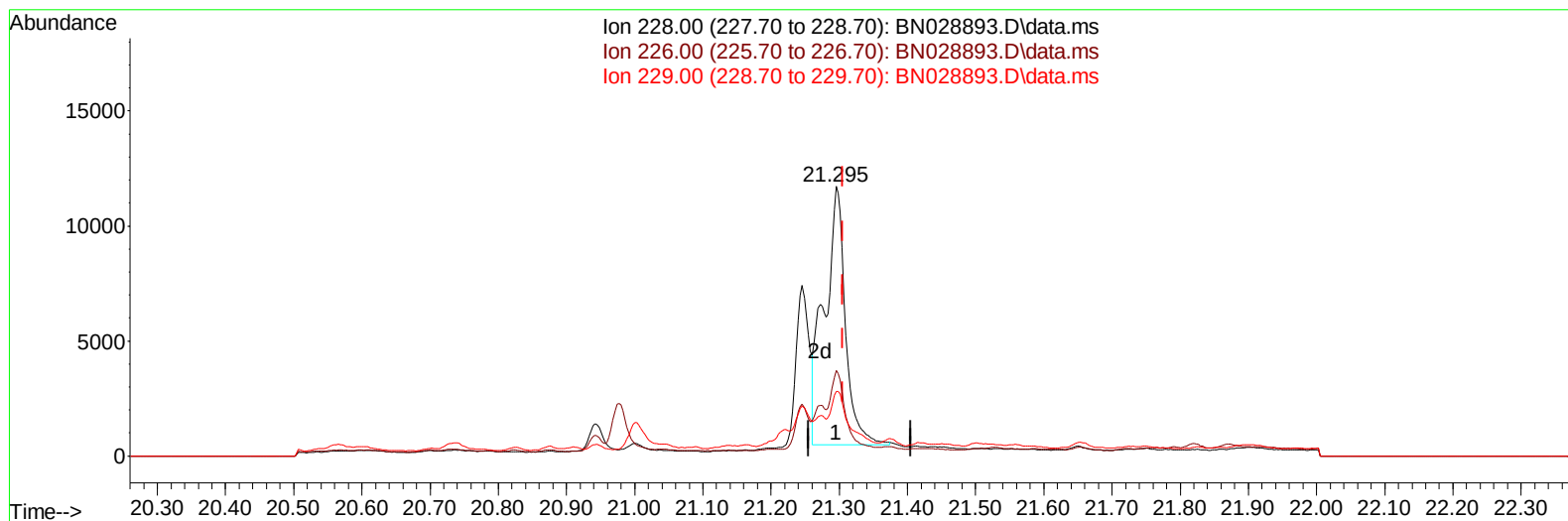
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 Data File : BN028893.D
 Acq On : 27 Nov 2023 23:46
 Operator : MA/JU
 Sample : 05416-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

Manual IntegrationsAPPROVED

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TIC: BN028893.D\data.ms

(22) Chrysene

21.295min (-0.010) 0.50 ng/ul m

response 24176

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	31.80
229.00	19.30	24.04#
0.00	0.00	0.00

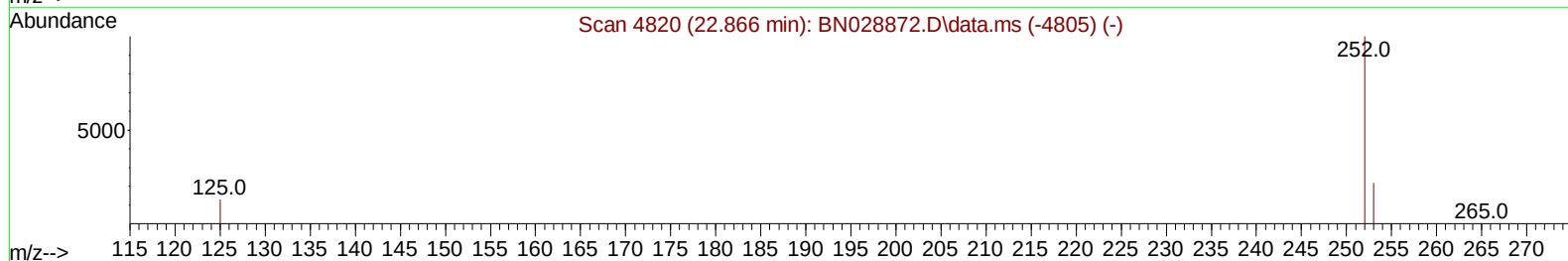
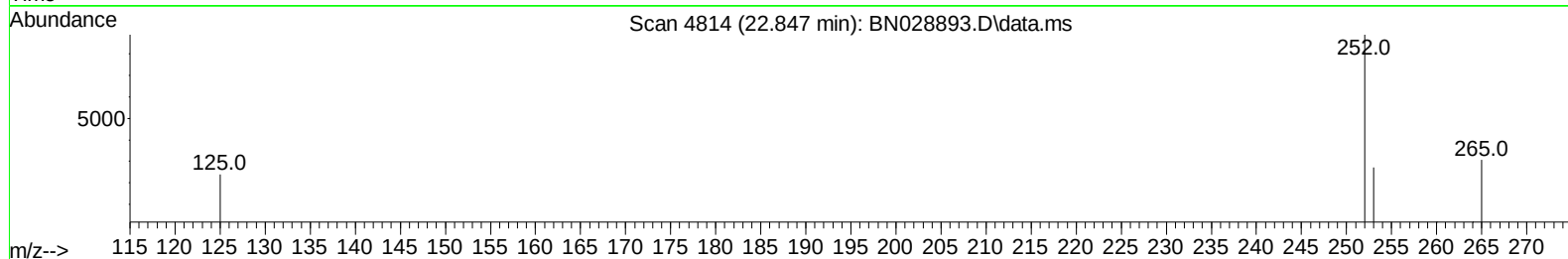
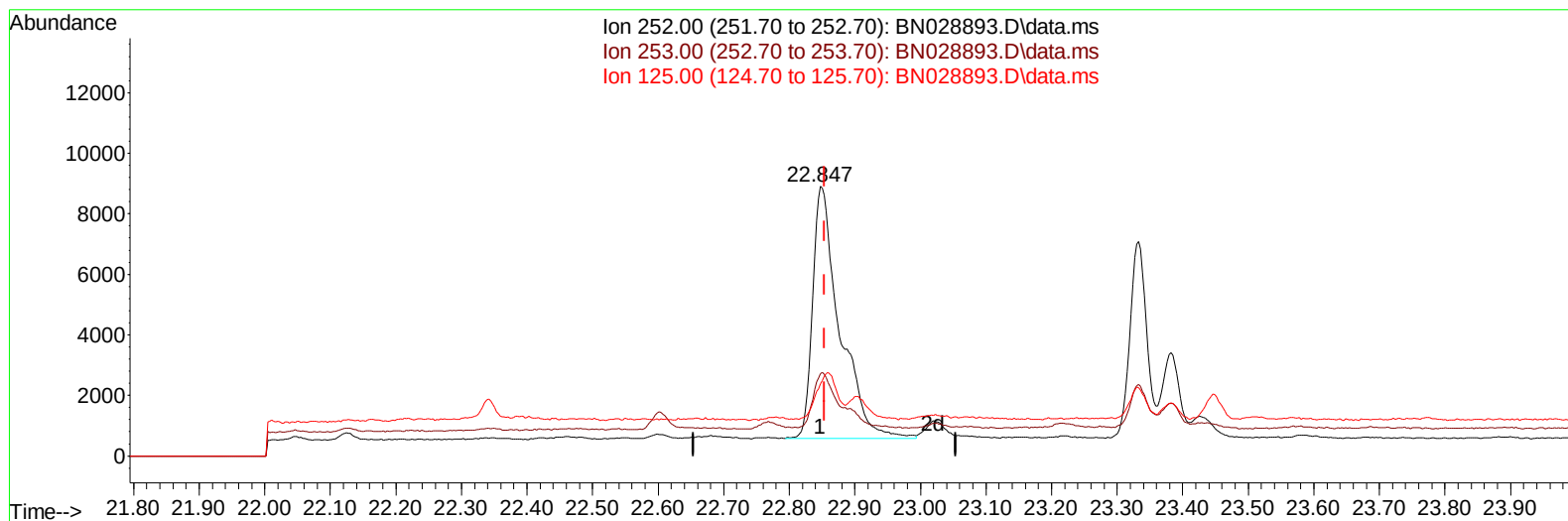
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 Data File : BN028893.D
 Acq On : 27 Nov 2023 23:46
 Operator : MA/JU
 Sample : 05416-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

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TIC: BN028893.D\data.ms

(24) Benzo(b)fluoranthene

22.847min (-0.007) 0.41 ng/uL

response 24018

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	30.60
125.00	13.80	26.80
0.00	0.00	0.00

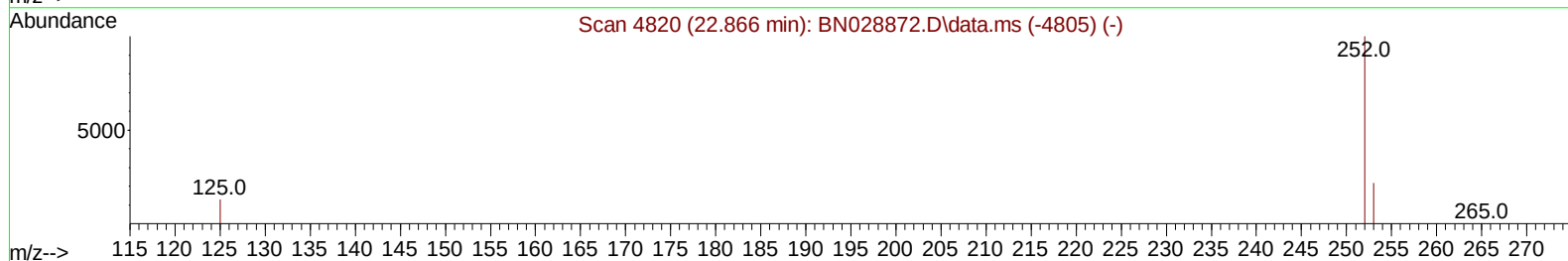
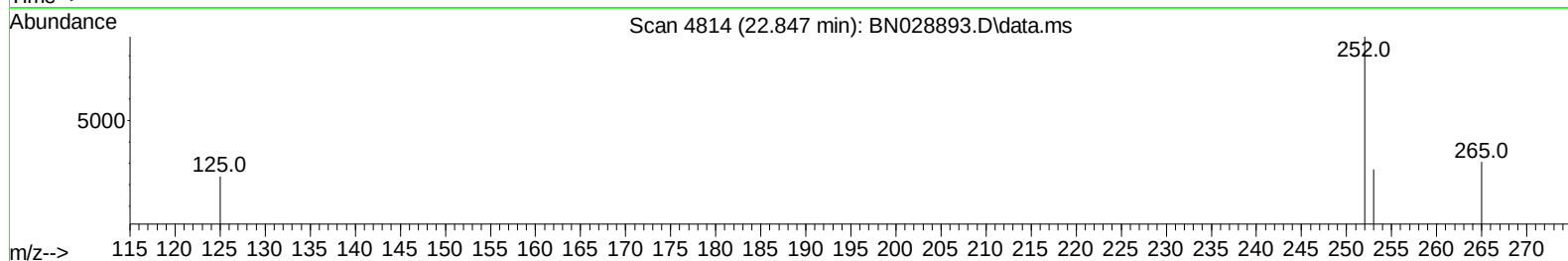
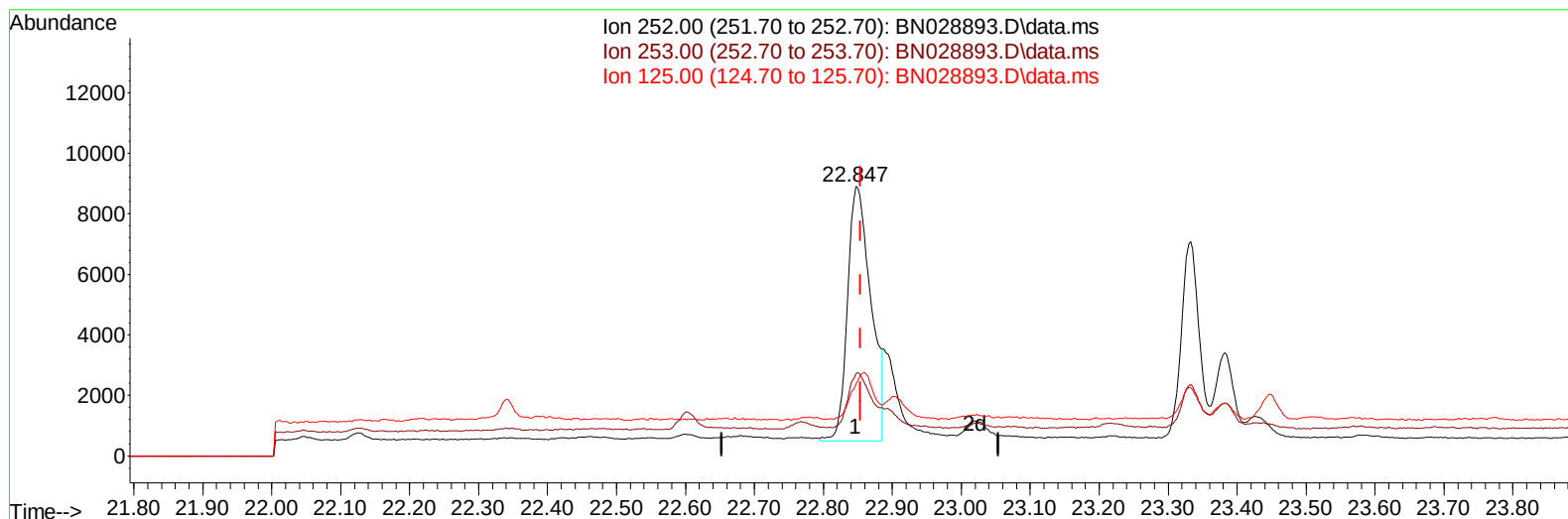
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028893.D
Acq On : 27 Nov 2023 23:46
Operator : MA/JU
Sample : 05416-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:31:36 2023
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TIC: BN028893.D\data.ms

(24) Benzo(b)fluoranthene

22.847min (-0.007) 0.34 ng/ul m

response 19811

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	30.60
125.00	13.80	26.80
0.00	0.00	0.00

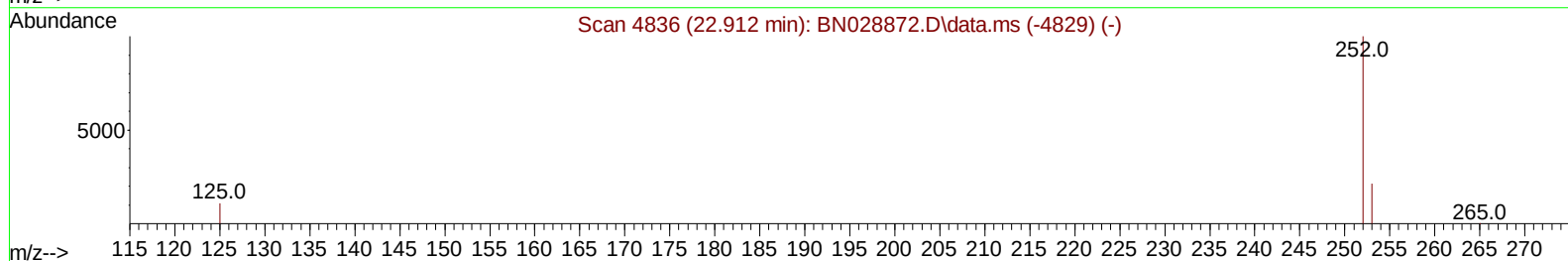
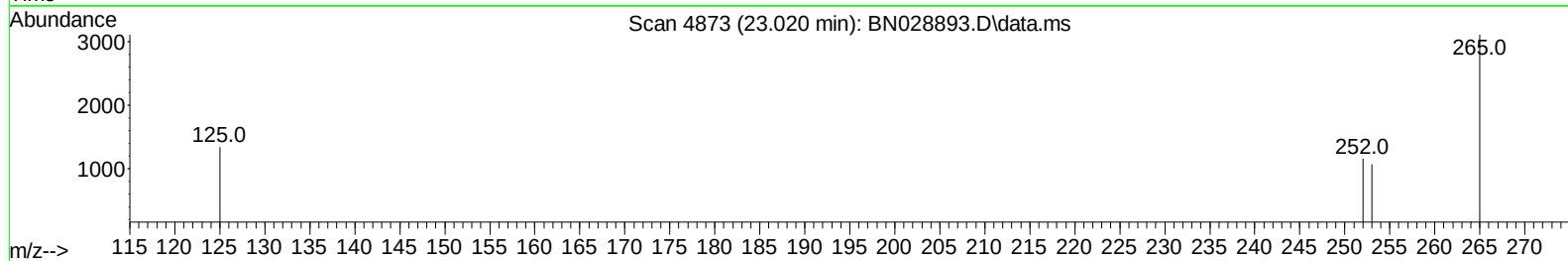
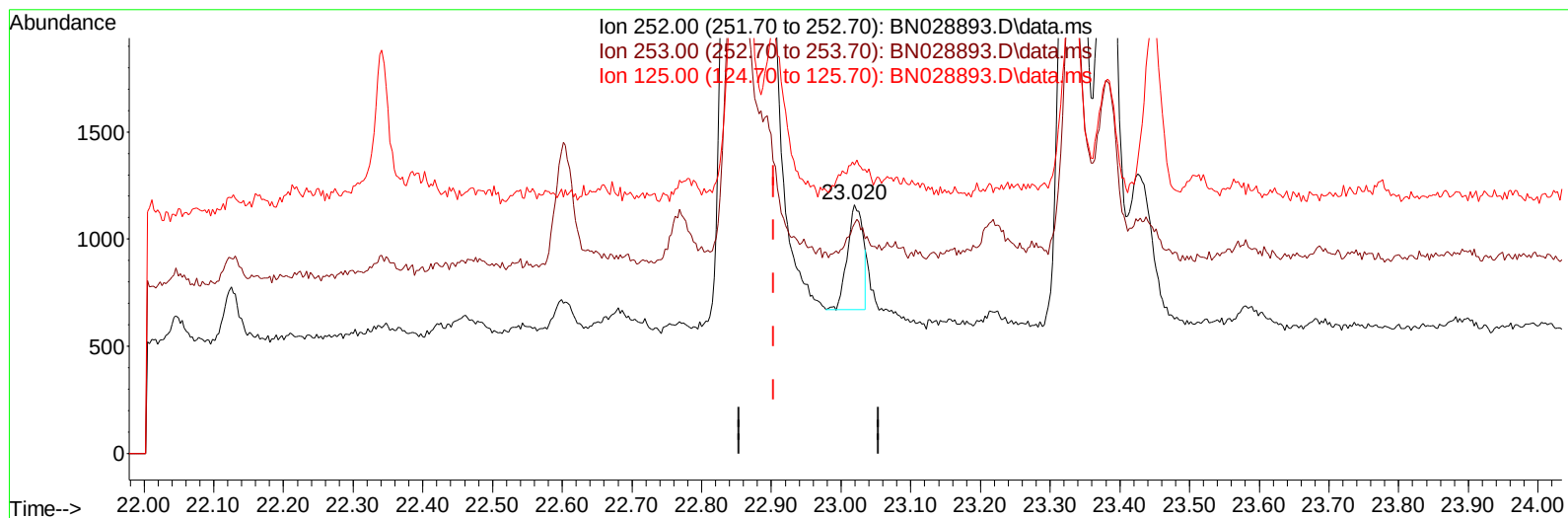
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TIC: BN028893.D\data.ms

(25) Benzo(k)fluoranthene

23.020min (+ 0.116) 0.01 ng/u1

response 756

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	92.50#
125.00	15.90	115.95#
0.00	0.00	0.00

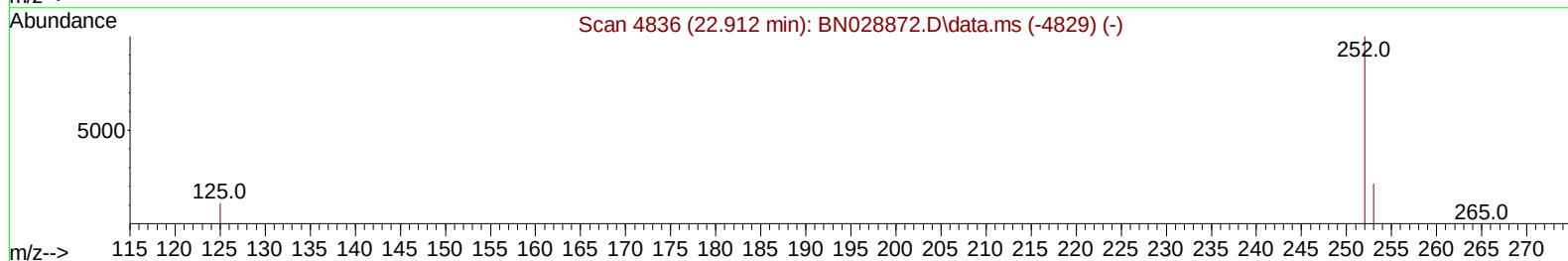
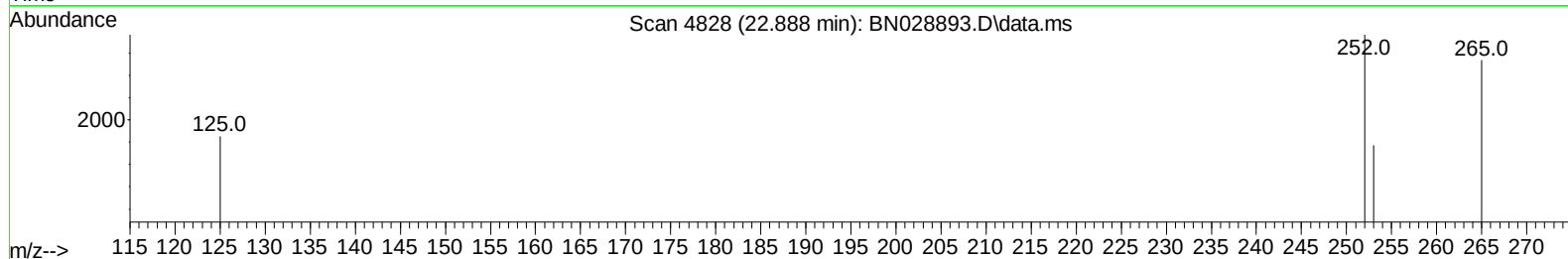
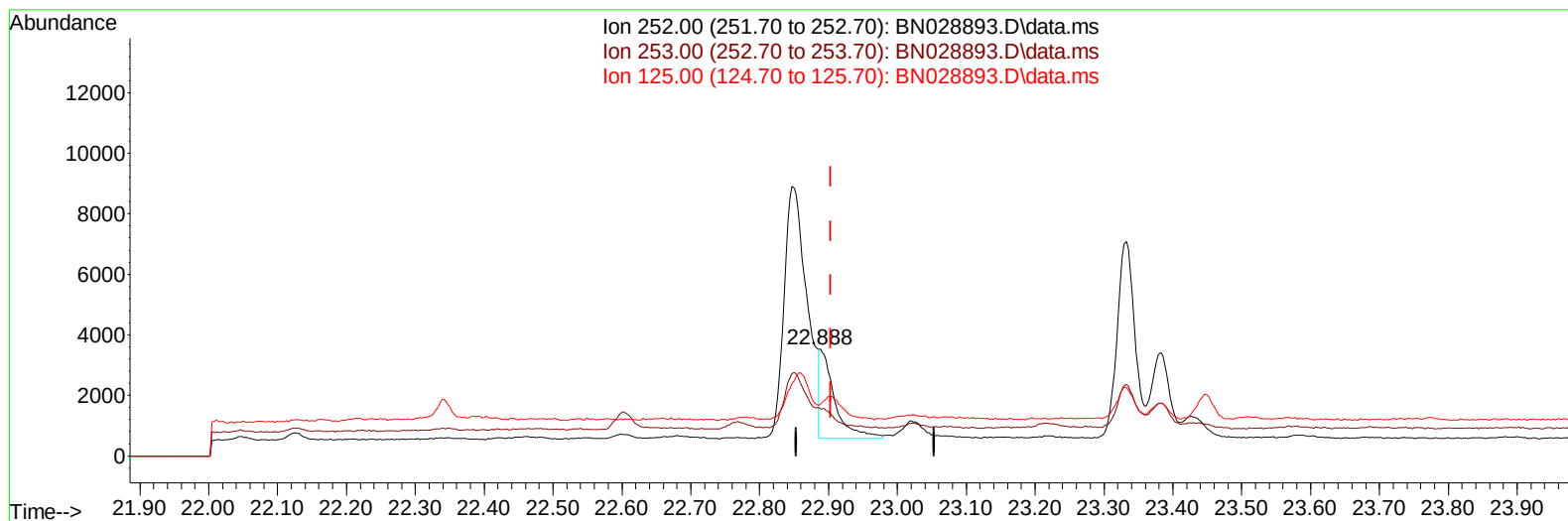
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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TIC: BN028893.D\data.ms

(25) Benzo(k)fluoranthene

22.888min (-0.016) 0.07 ng/ul m

response 4509

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	43.79#
125.00	15.90	48.34#
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.656	152		4310m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.429	136		13383	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164		6933	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.043	188		13742	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.260	240		12414	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264		15617	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.099	96		31094	6.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152		4564	0.227	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212		14337	0.359	ng/ul	-0.01
Target Compounds							
							Qvalue
5) Naphthalene	10.479	128		4163	0.111	ng/ul#	79
7) 2-Methylnaphthalene	12.118	142		2210	0.089	ng/ul	96
8) 1-Methylnaphthalene	12.327	142		2201	0.088	ng/ul	95
15) Phenanthrene	17.085	178		22468	0.532	ng/ul	99
19) Fluoranthene	19.113	202		38655	0.732	ng/ul	99
20) Pyrene	19.475	202		24027m	0.439	ng/ul	
21) Benzo(a)anthracene	21.246	228		9607	0.196	ng/ul#	87
22) Chrysene	21.295	228		24176m	0.504	ng/ul	
24) Benzo(b)fluoranthene	22.847	252		19811m	0.338	ng/ul	
25) Benzo(k)fluoranthene	22.888	252		4509m	0.073	ng/ul	
26) Benzo(a)pyrene	23.426	252		1427	0.026	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.860	276		3160	0.051	ng/ul#	99
29) Benzo(g,h,i)perylene	26.571	276		3558	0.071	ng/ul#	70

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

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