

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028876.D
 Acq On : 27 Nov 2023 13:04
 Operator : MA/JU
 Sample : 05261-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKR7

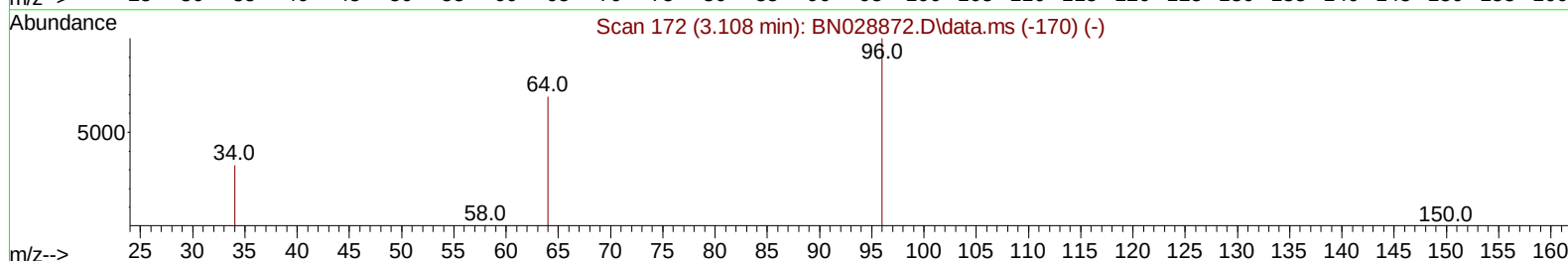
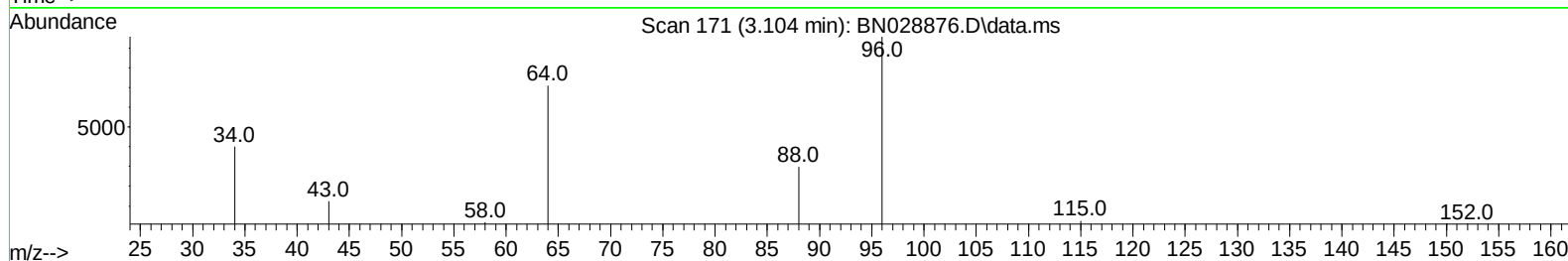
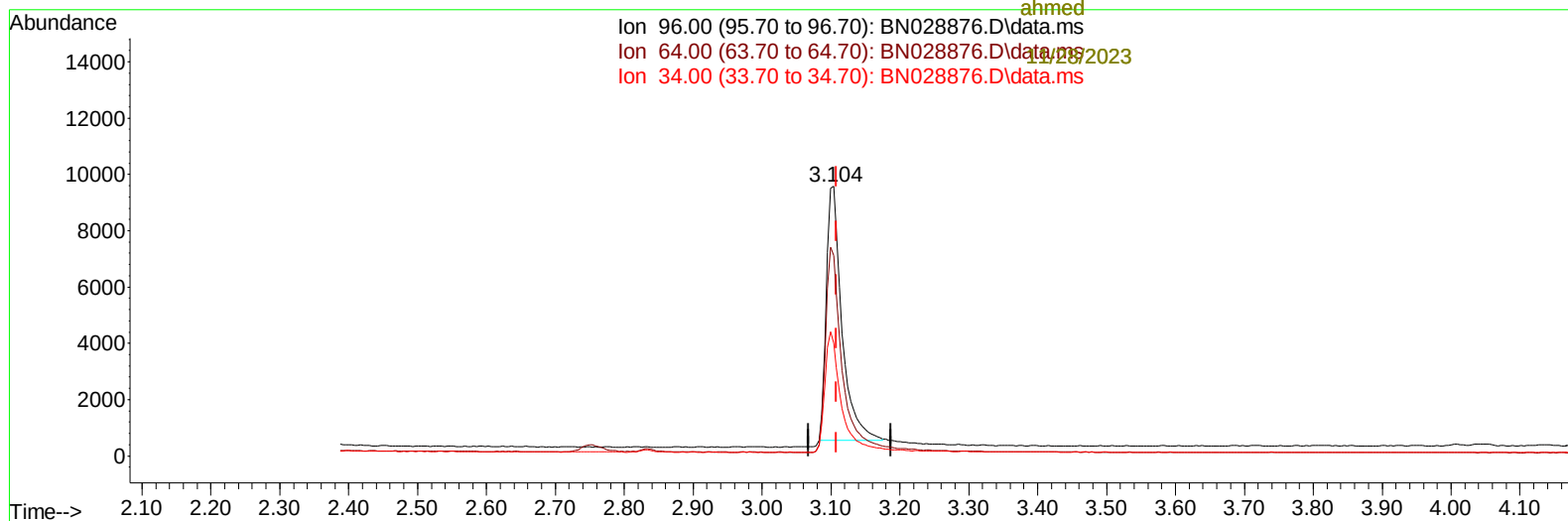
Manual IntegrationsAPPROVED

Quant Time: Nov 28 03:57:58 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

Ion 96.00 (95.70 to 96.70): BN028876.D\data.ms
 Ion 64.00 (63.70 to 64.70): BN028876.D\data.ms
 Ion 34.00 (33.70 to 34.70): BN028876.D\data.ms



TIC: BN028876.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.104min (-0.004) 2.96 ng/u1

response 14122

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	74.30
34.00	38.60	41.78
0.00	0.00	0.00

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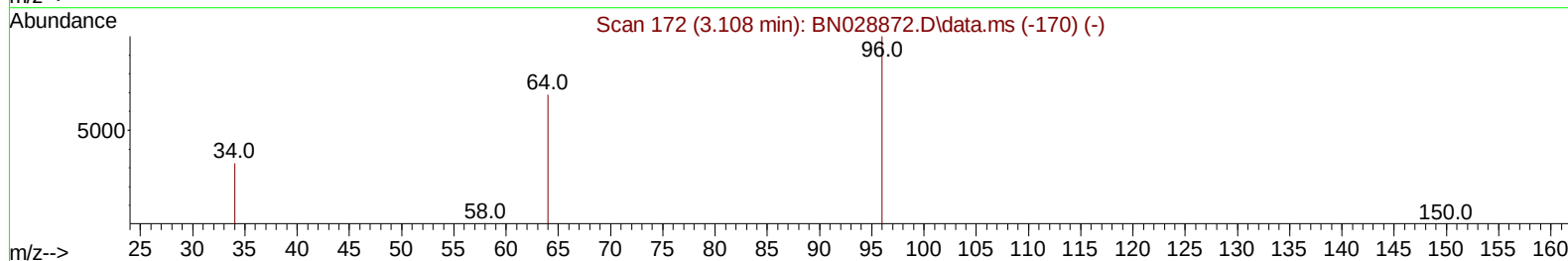
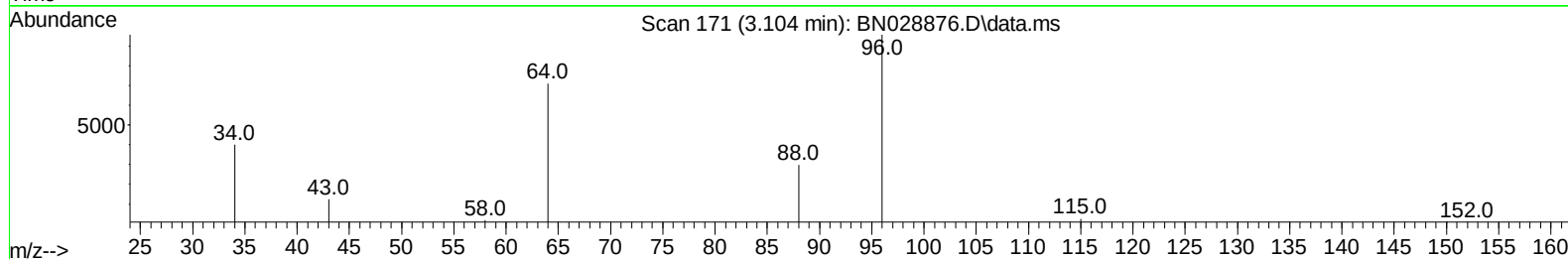
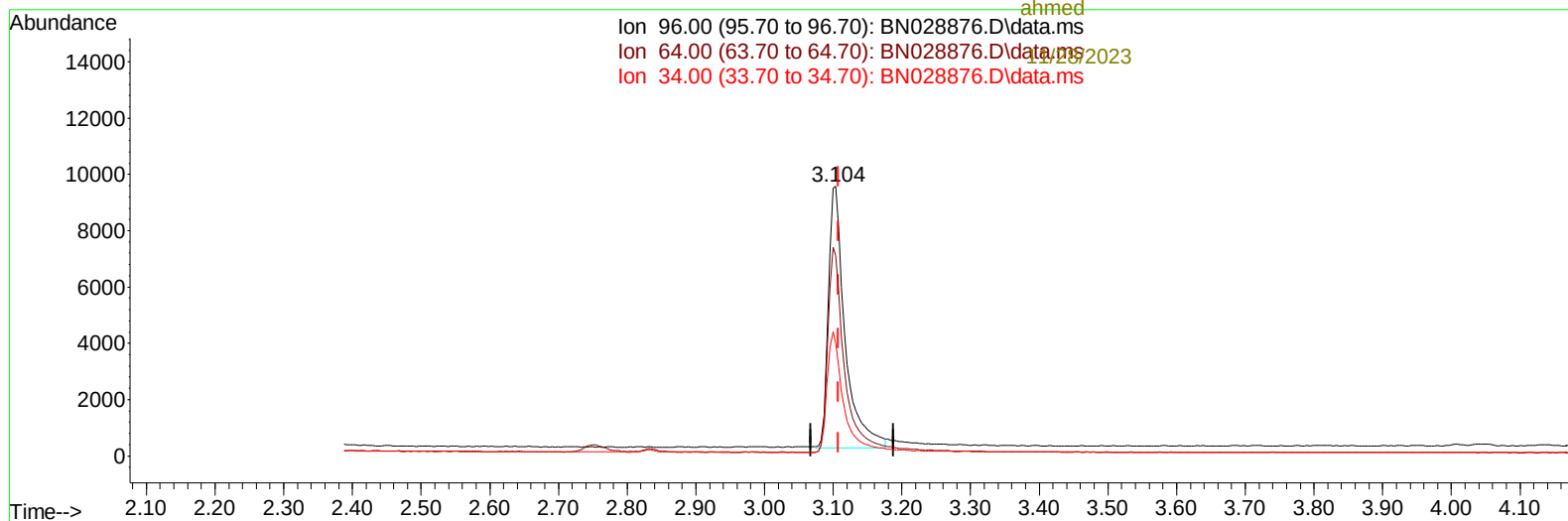
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(3) 1,4-Dioxane-d8 (S)

3.104min (-0.004) 3.29 ng/ul m

response 15713

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	74.30
34.00	38.60	41.78
0.00	0.00	0.00

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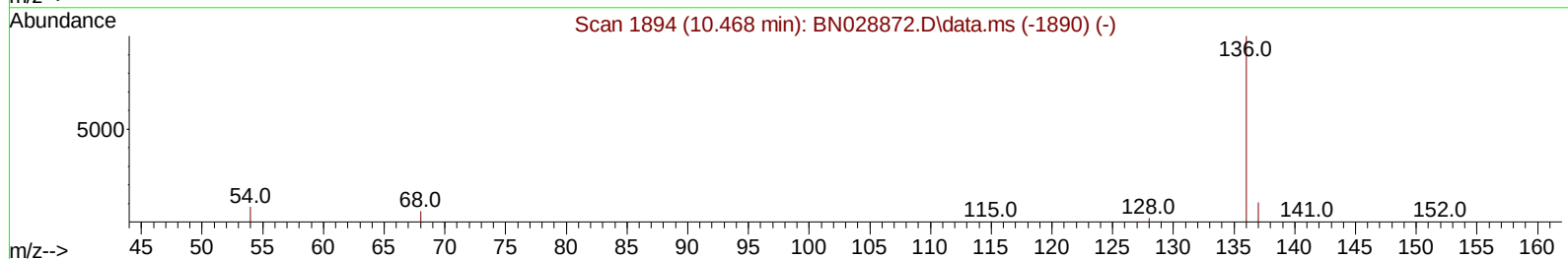
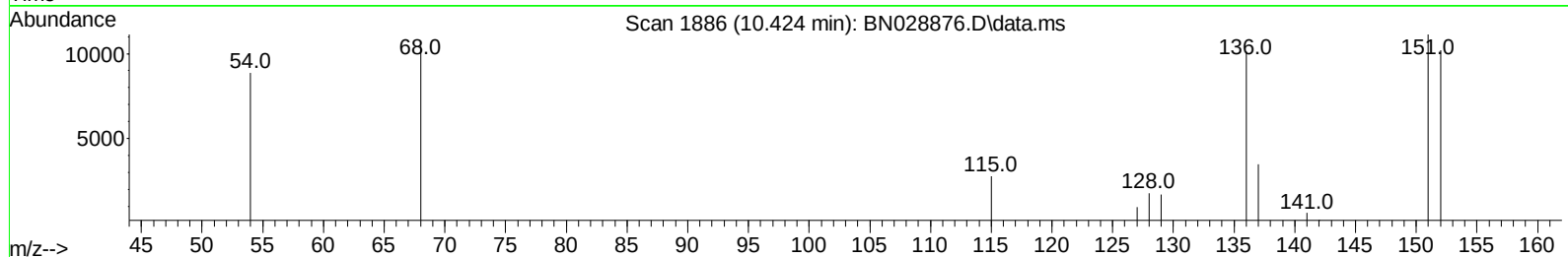
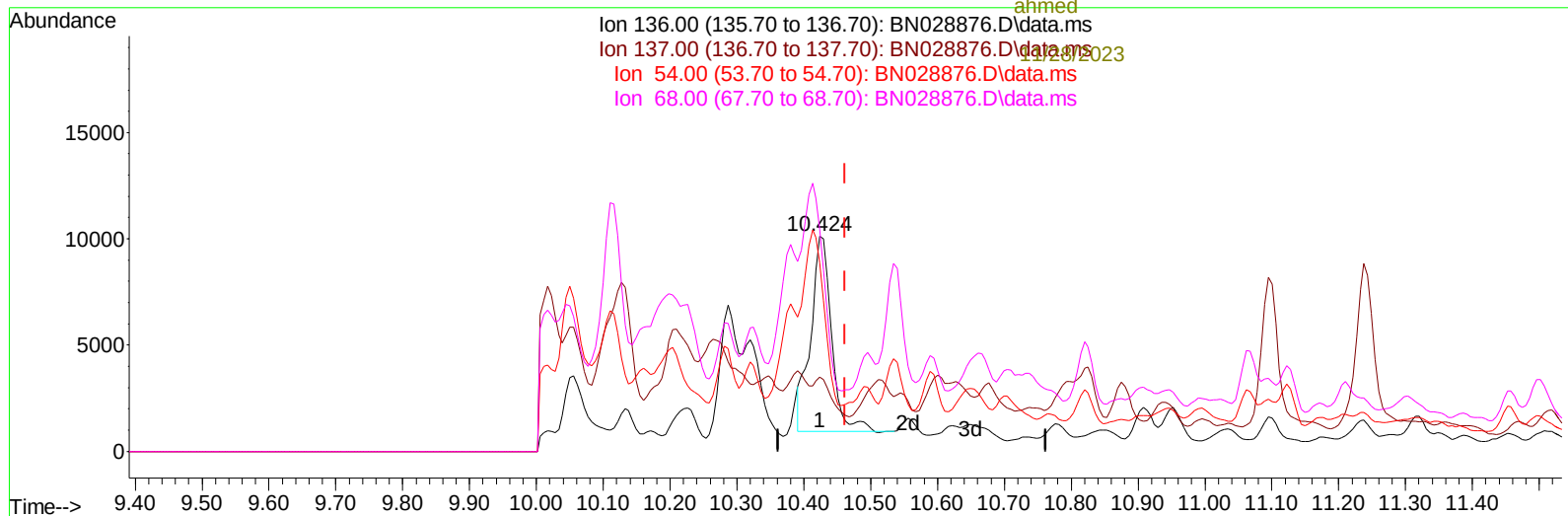
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(4) Naphthalene-d8 (I)

10.424min (-0.038) 0.40 ng/u1

response 19937

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.44#
54.00	9.00	87.60#
68.00	7.10	103.10#

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

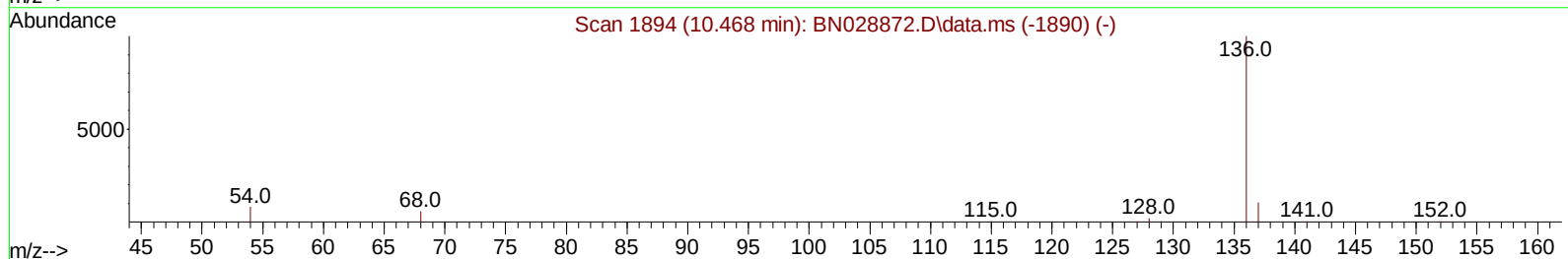
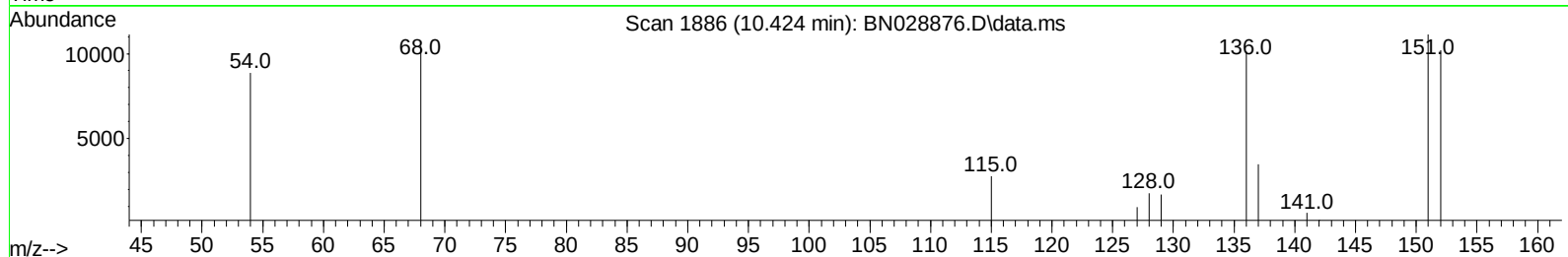
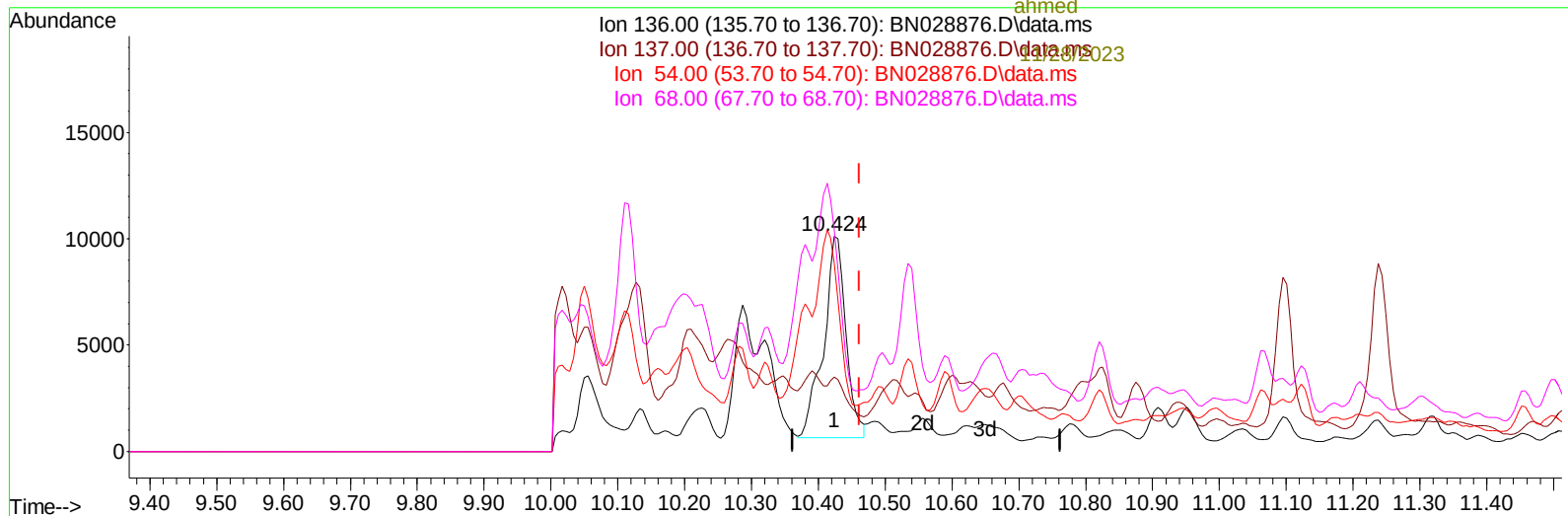
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 ahmed



TIC: BN028876.D\data.ms

(4) Naphthalene-d8 (I)

10.424min (-0.038) 0.40 ng/ul m

response 21986

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.44#
54.00	9.00	87.60#
68.00	7.10	103.10#

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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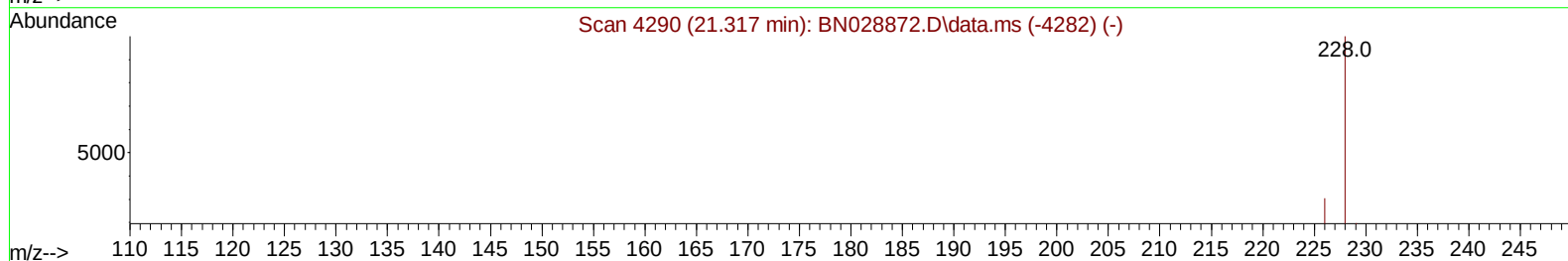
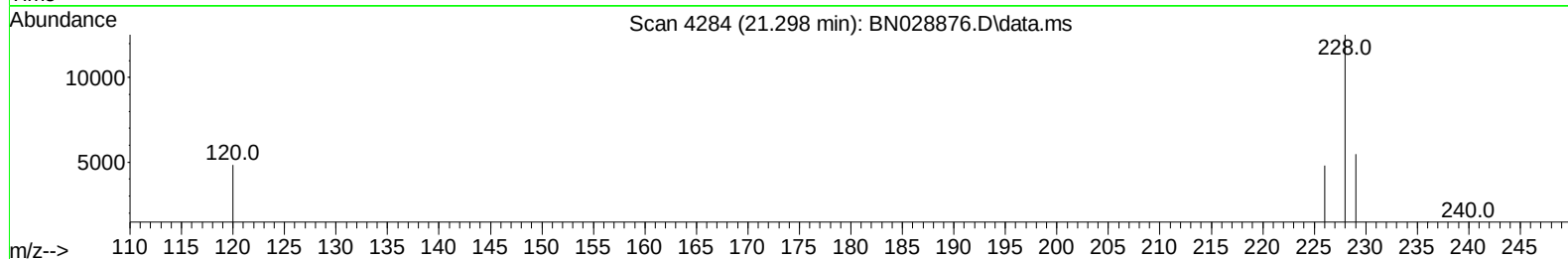
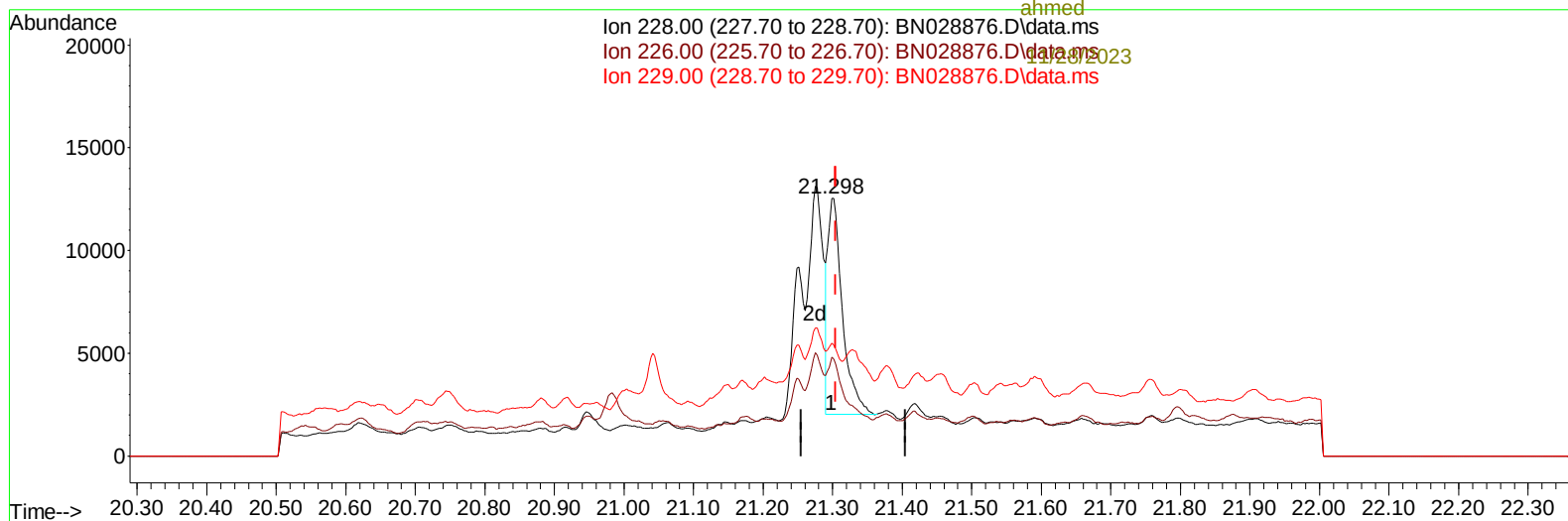
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 ahmed

Ion 228.00 (227.70 to 228.70): BN028876.D\data.ms
 Ion 226.00 (225.70 to 226.70): BN028876.D\data.ms
 Ion 229.00 (228.70 to 229.70): BN028876.D\data.ms



TIC: BN028876.D\data.ms

(22) Chrysene

21.298min (-0.007) 0.32 ng/u1

response 15331

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	38.43#
229.00	19.30	43.77#
0.00	0.00	0.00

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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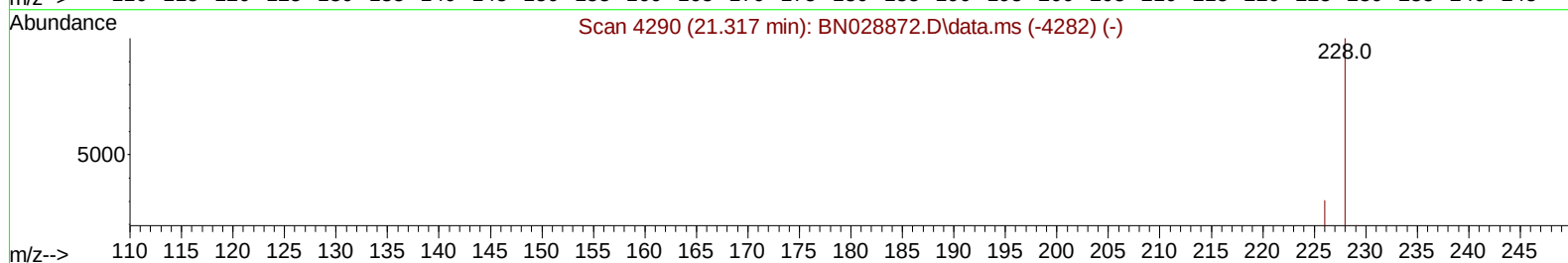
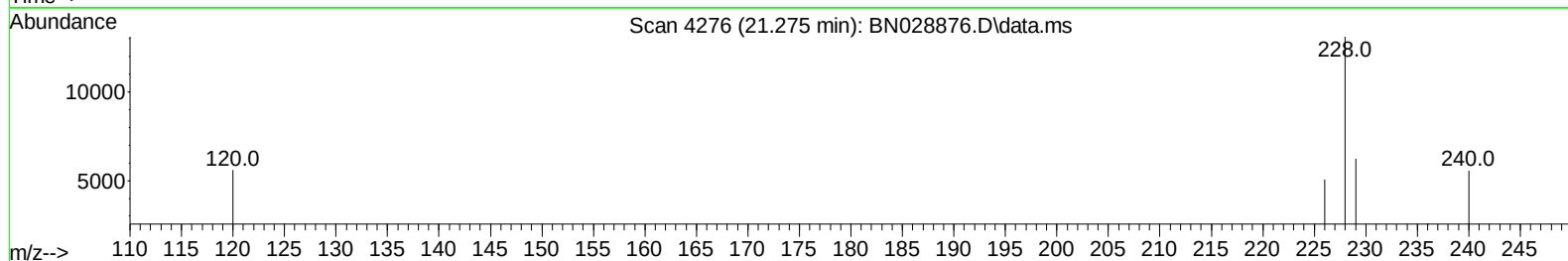
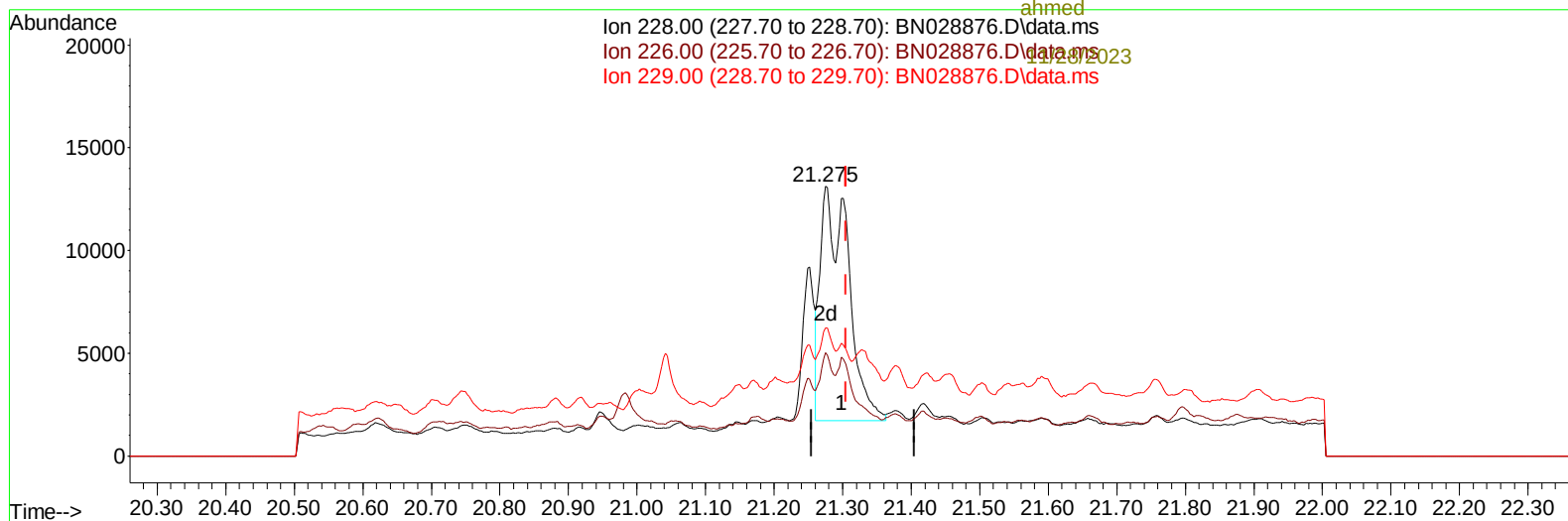
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 Patel

11/28/2023
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 ahmed

Ion 228.00 (227.70 to 228.70): BN028876.D\data.ms
 Ion 226.00 (225.70 to 226.70): BN028876.D\data.ms
 Ion 229.00 (228.70 to 229.70): BN028876.D\data.ms



TIC: BN028876.D\data.ms

(22) Chrysene

21.275min (-0.030) 0.67 ng/ul m

response 32356

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	38.45#
229.00	19.30	47.57#
0.00	0.00	0.00

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ALS Vial : 6 Sample Multiplier: 1

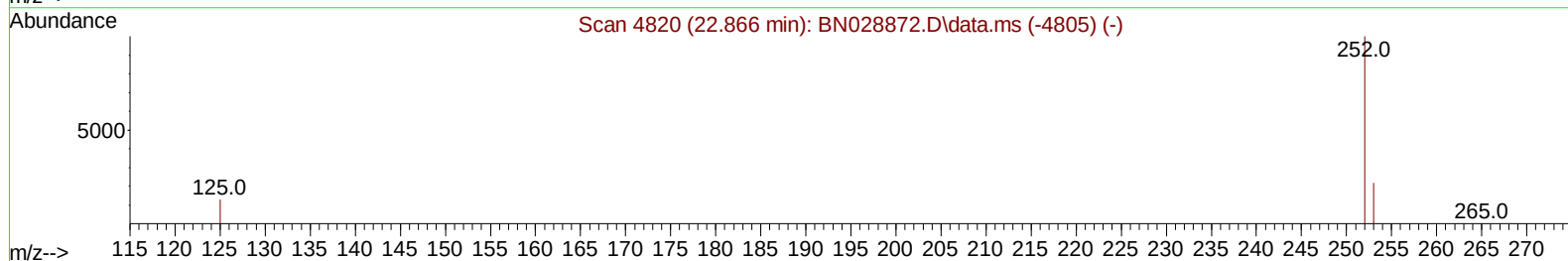
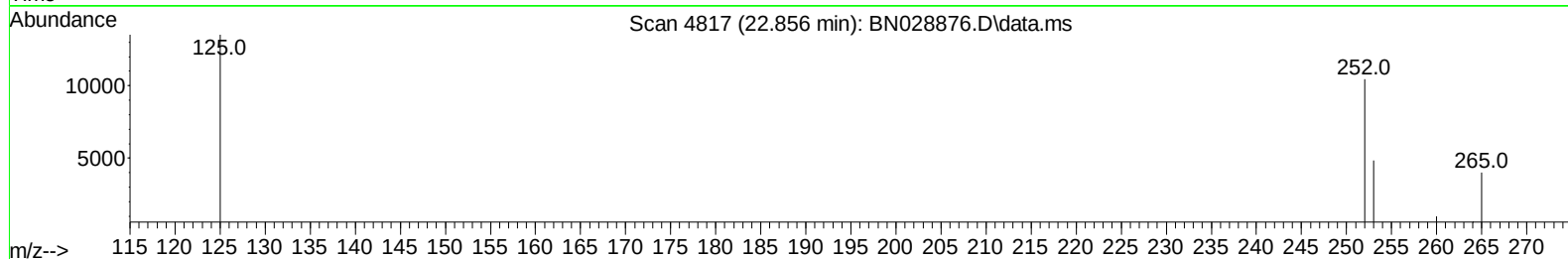
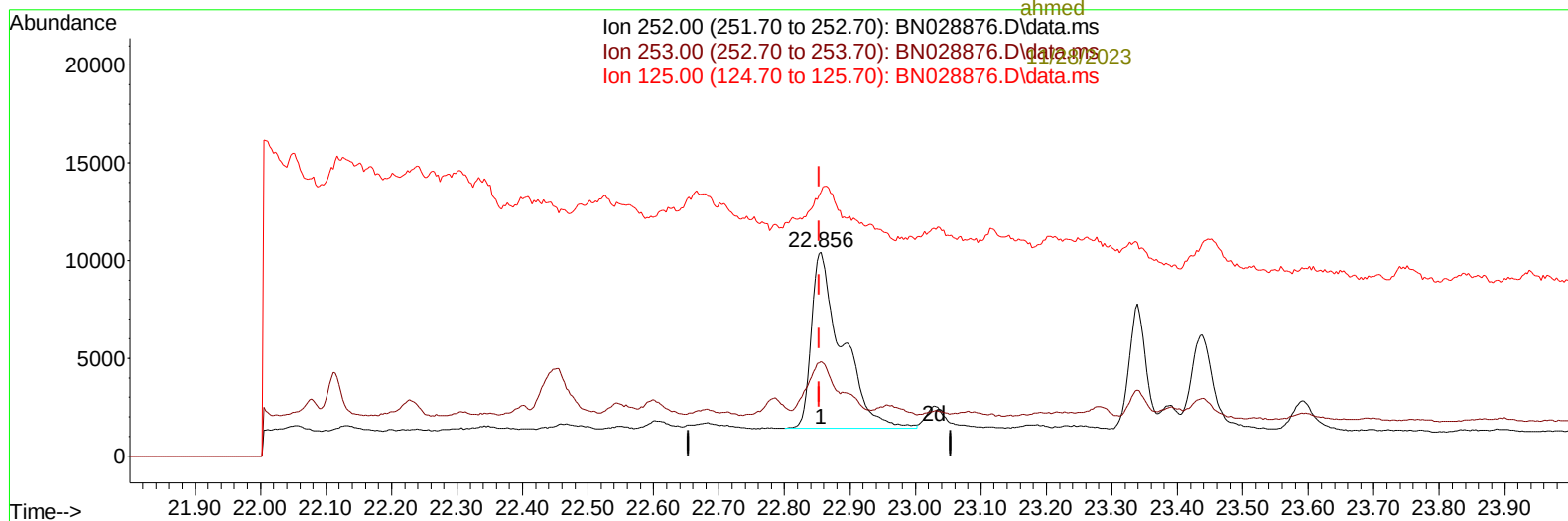
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TIC: BN028876.D\data.ms

(24) Benzo(b)fluoranthene

22.856min (+ 0.002) 0.56 ng/u1

response 29464

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	46.37
125.00	13.80	129.57#
0.00	0.00	0.00

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ALS Vial : 6 Sample Multiplier: 1

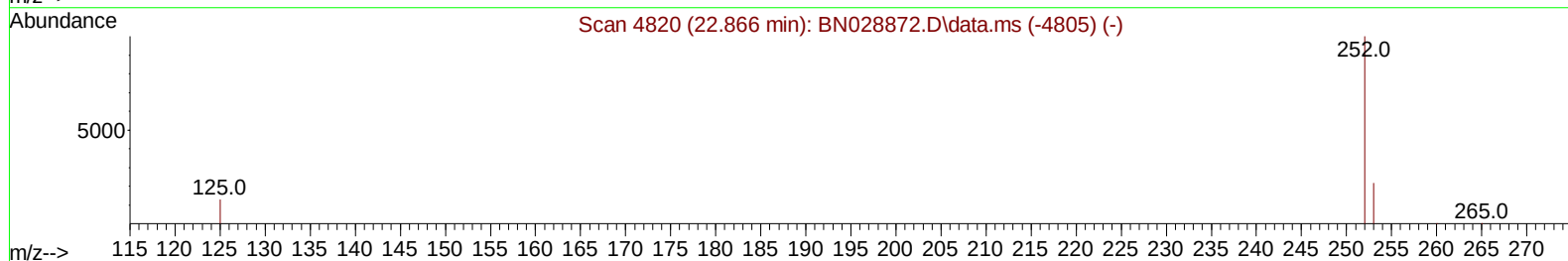
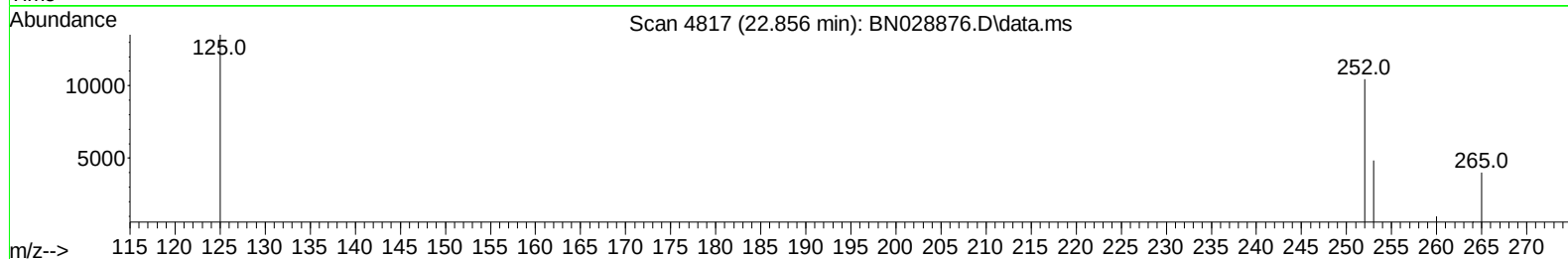
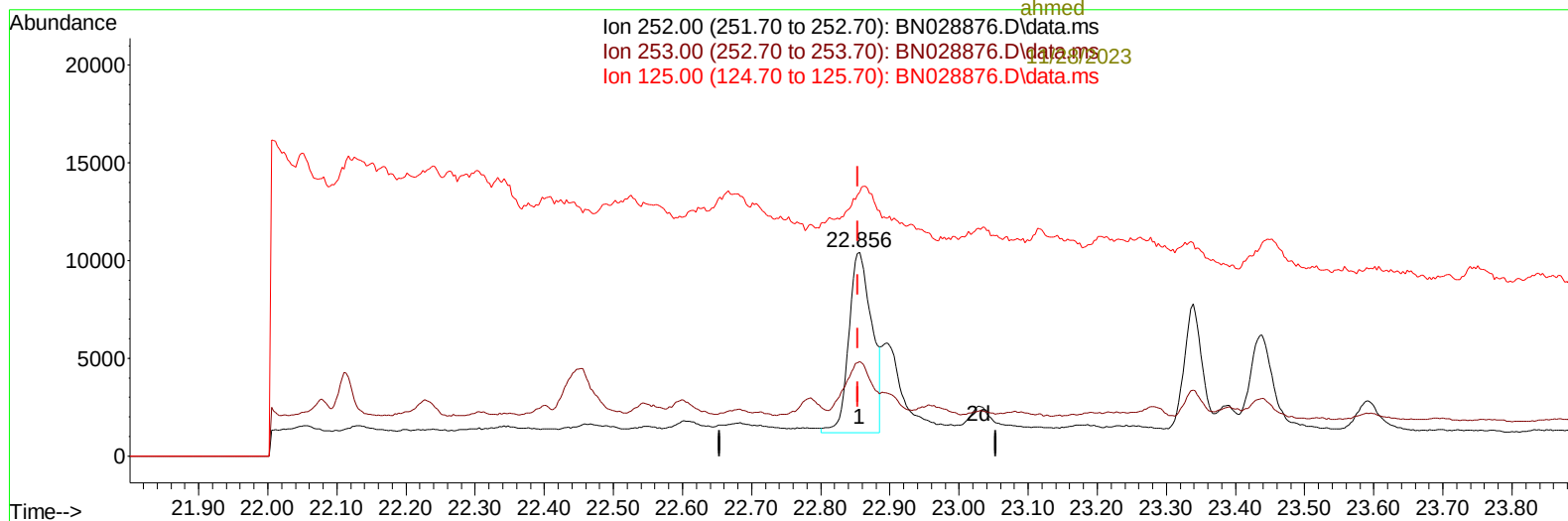
Instrument :
BNA_N
ClientSampleId :
DCKR7

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ahmed



TIC: BN028876.D\data.ms

(24) Benzo(b)fluoranthene

22.856min (+ 0.002) 0.41 ng/ul m

response 21543

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	46.37
125.00	13.80	129.57#
0.00	0.00	0.00

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Sample : 05261-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

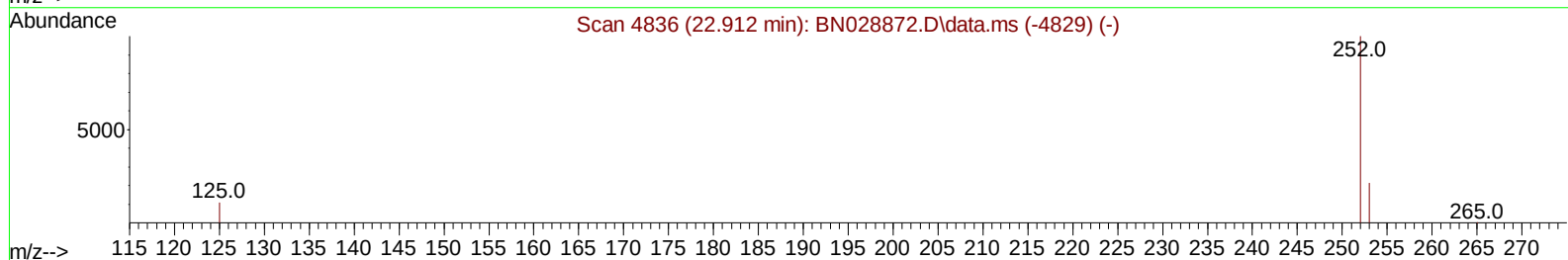
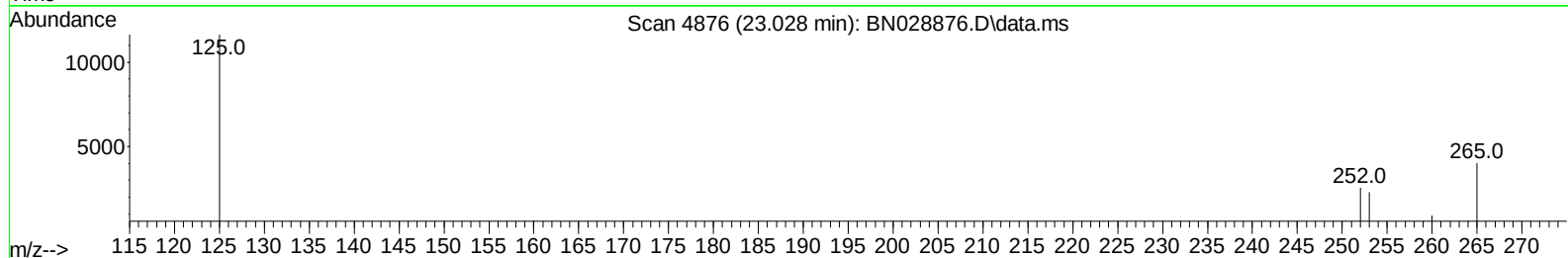
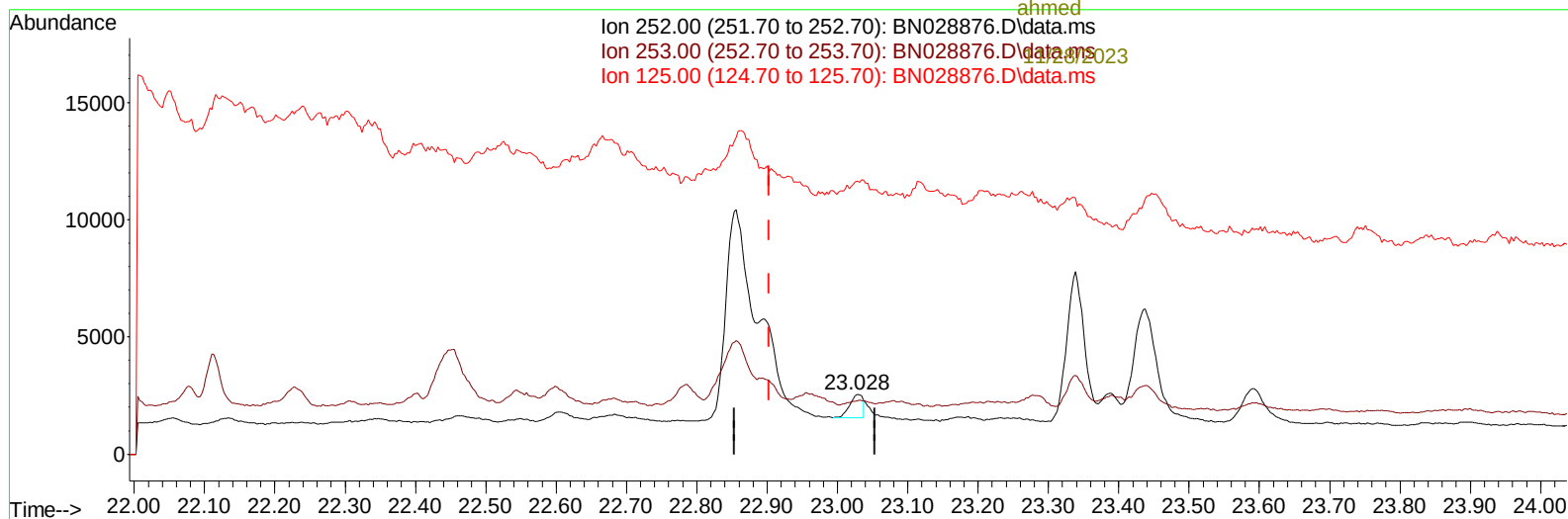
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TIC: BN028876.D\data.ms

(25) Benzo(k)fluoranthene

23.028min (+ 0.125) 0.02 ng/u1

response 1321

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	89.98#
125.00	15.90	457.63#
0.00	0.00	0.00

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ALS Vial : 6 Sample Multiplier: 1

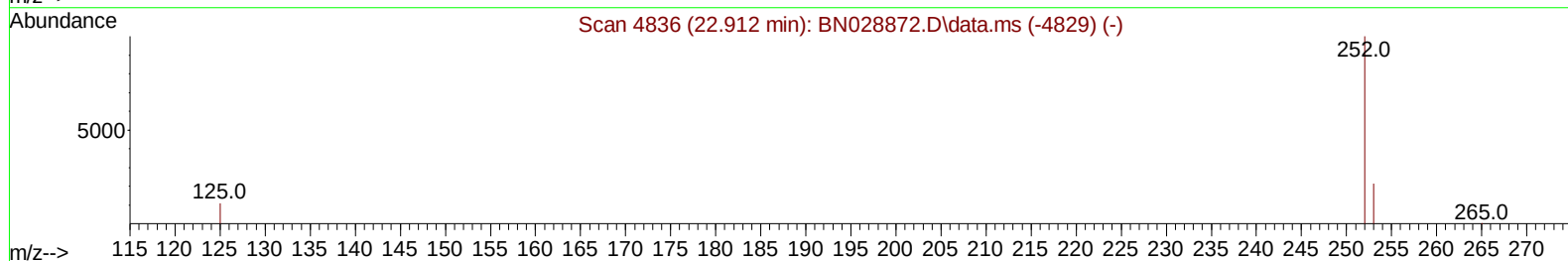
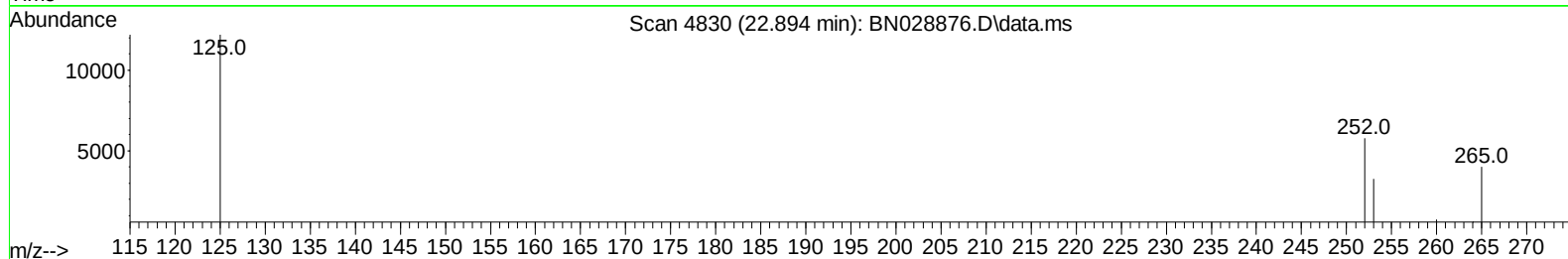
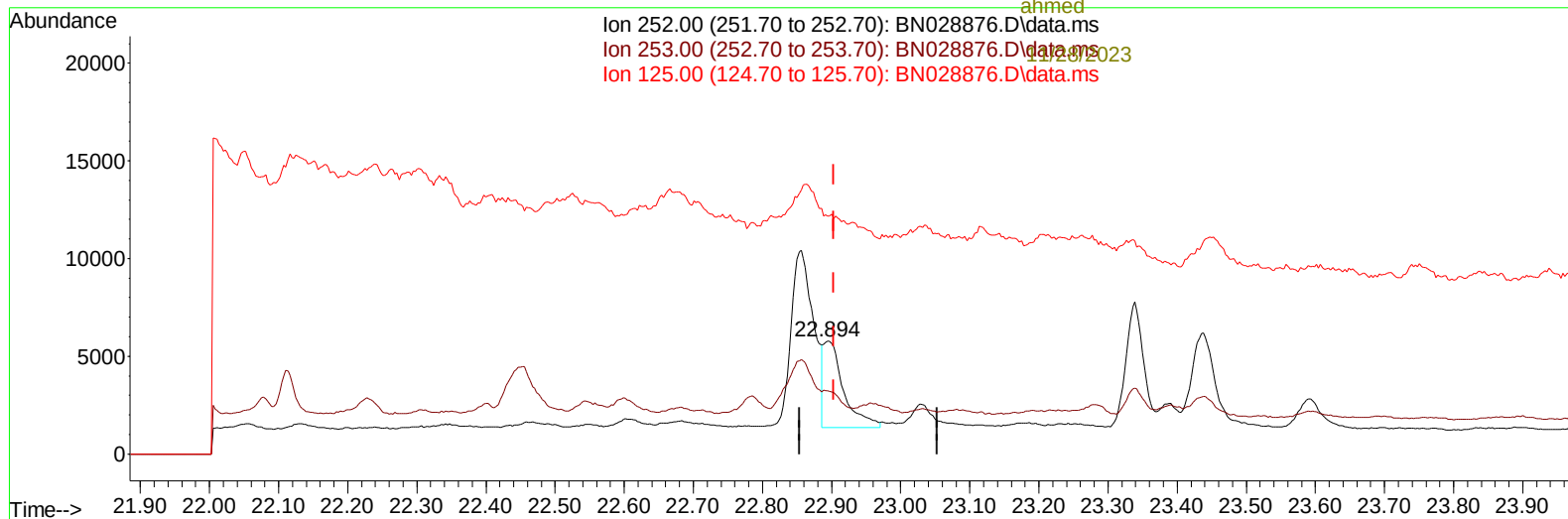
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TIC: BN028876.D\data.ms

(25) Benzo(k)fluoranthene

22.894min (-0.010) 0.16 ng/ul m

response 9070

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	56.39#
125.00	15.90	211.29#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----11/28/2023							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152		4319	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.424	136		21986m	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.288	164		10864	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188		19184	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.266	240		12488	0.400	ng/ul	# 0.00
23) Perylene-d12	23.537	264		14031	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.104	96		15713m	3.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152		3933	0.119	ng/ul	-0.04
18) Fluoranthene-d10	19.085	212		7505	0.187	ng/ul	-0.01
Target Compounds							
							Qvalue
5) Naphthalene	10.468	128		292654	4.750	ng/ul	97
7) 2-Methylnaphthalene	12.101	142		45775	1.128	ng/ul	92
8) 1-Methylnaphthalene	12.321	142		19249	0.467	ng/ul	99
11) Acenaphthene	14.353	153		1561	0.039	ng/ul#	86
12) Fluorene	15.348	166		2453	0.053	ng/ul#	75
15) Phenanthrene	17.090	178		26909	0.457	ng/ul#	88
19) Fluoranthene	19.117	202		33506	0.631	ng/ul#	93
20) Pyrene	19.480	202		35671	0.648	ng/ul#	90
21) Benzo(a)anthracene	21.252	228		8846	0.179	ng/ul#	48
22) Chrysene	21.275	228		32356m	0.670	ng/ul	
24) Benzo(b)fluoranthene	22.856	252		21543m	0.409	ng/ul	
25) Benzo(k)fluoranthene	22.894	252		9070m	0.164	ng/ul	
26) Benzo(a)pyrene	23.438	252		11326	0.228	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.867	276		10430	0.189	ng/ul#	87
29) Benzo(g,h,i)perylene	26.574	276		10914	0.241	ng/ul#	58

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

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