

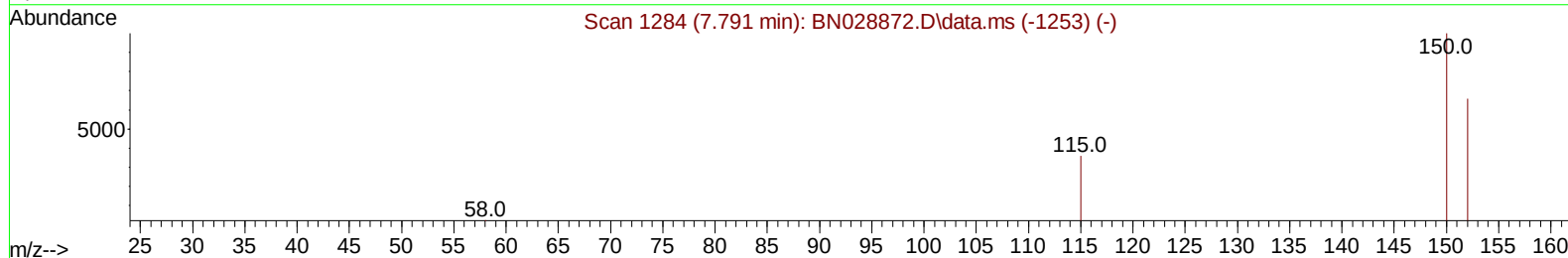
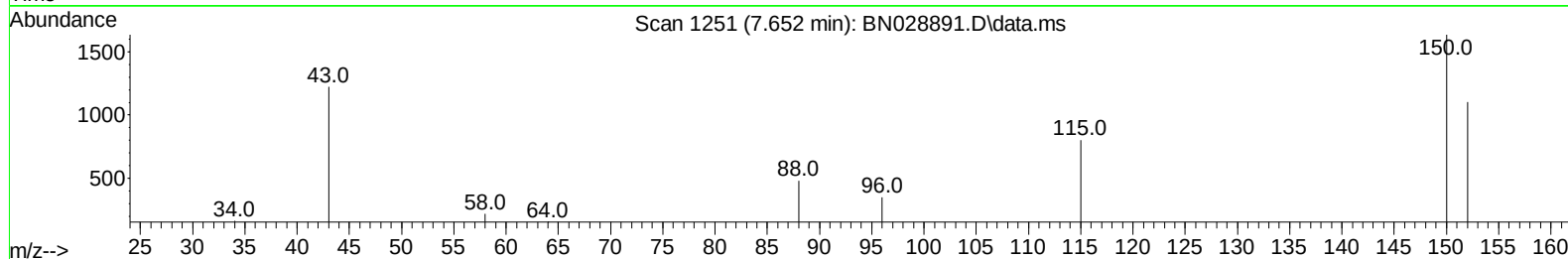
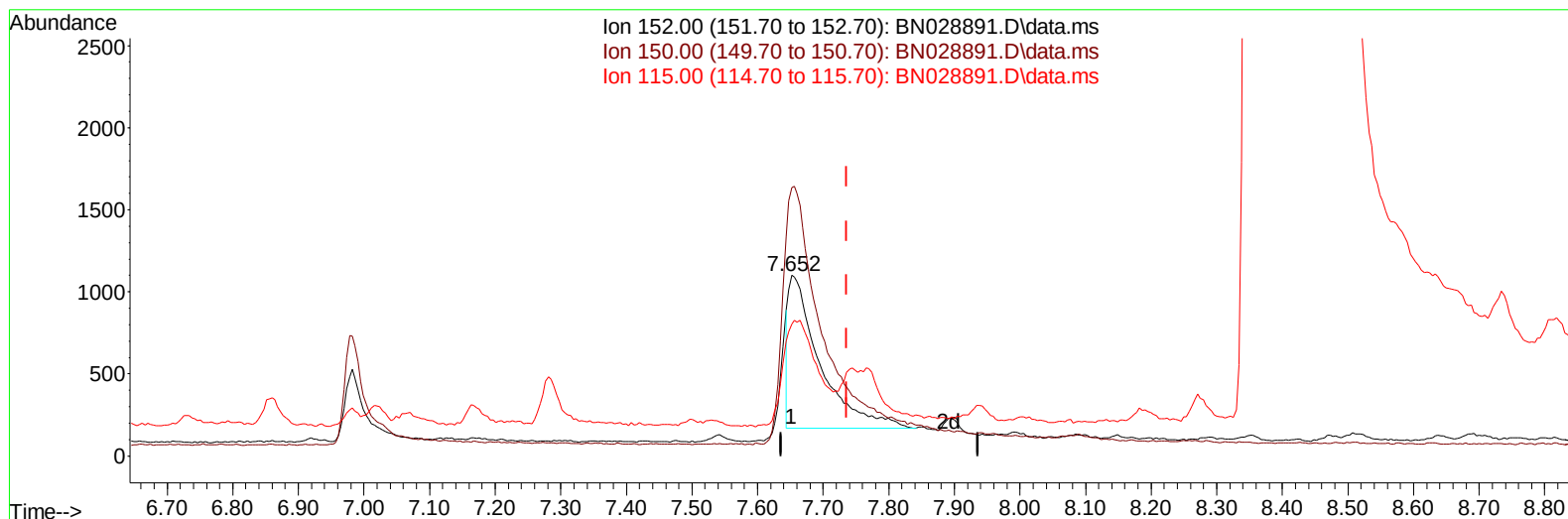
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028891.D
Acq On : 27 Nov 2023 22:34
Operator : MA/JU
Sample : 05416-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:31:15 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: BN028891.D\data.ms

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

7.652min (-0.084) 0.40 ng/ul

response 3103

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.50
115.00	62.20	72.93
0.00	0.00	0.00

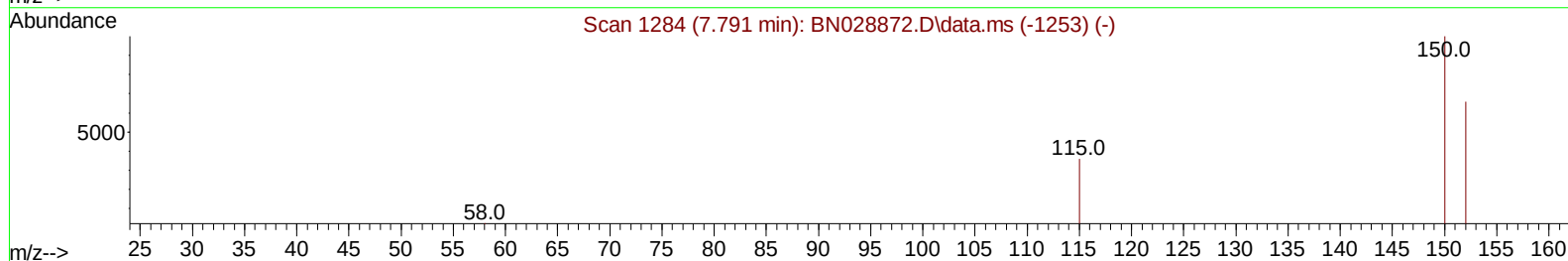
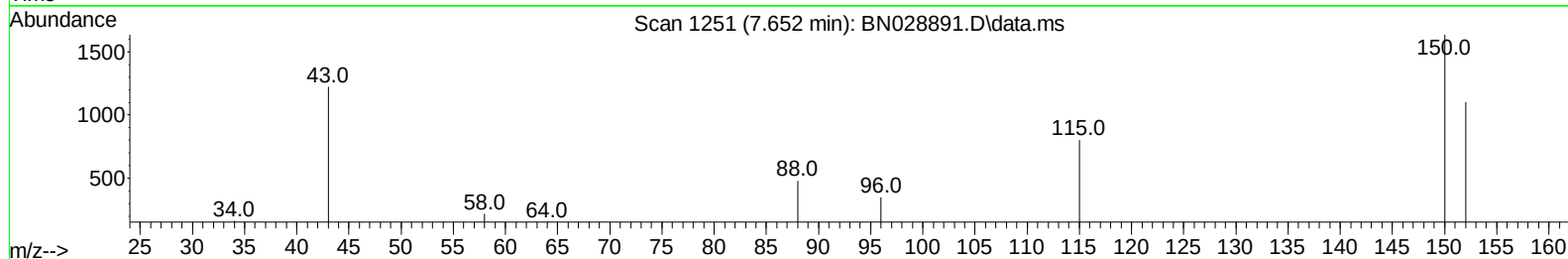
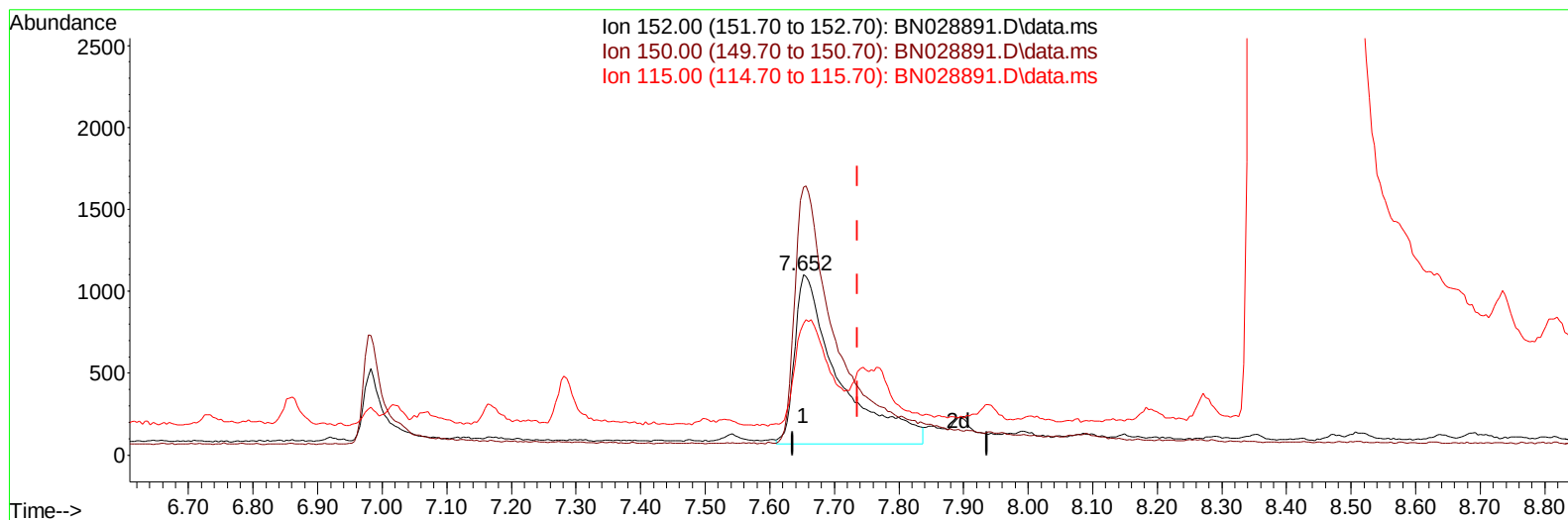
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028891.D
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Operator : MA/JU
Sample : 05416-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028891.D\data.ms

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

7.652min (-0.084) 0.40 ng/ul m

response 4847

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.50
115.00	62.20	72.93
0.00	0.00	0.00

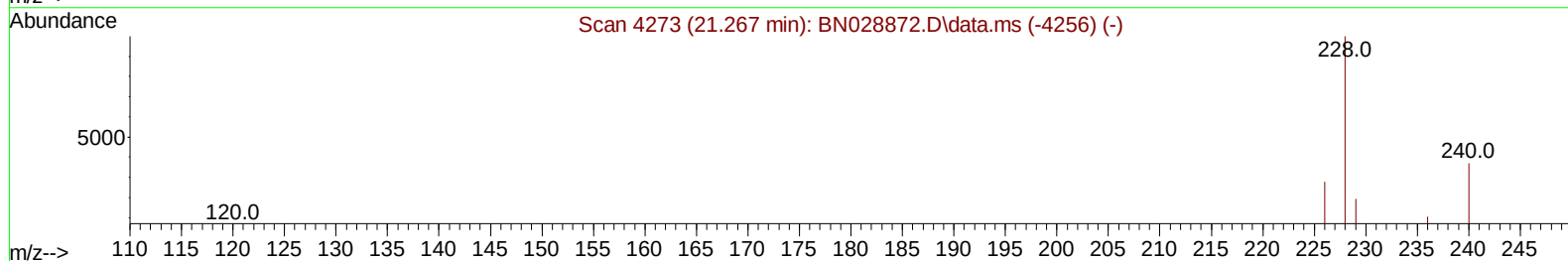
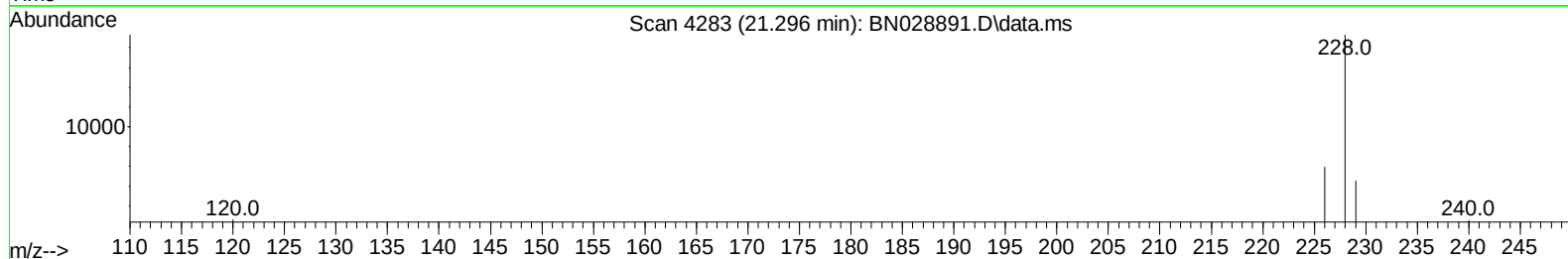
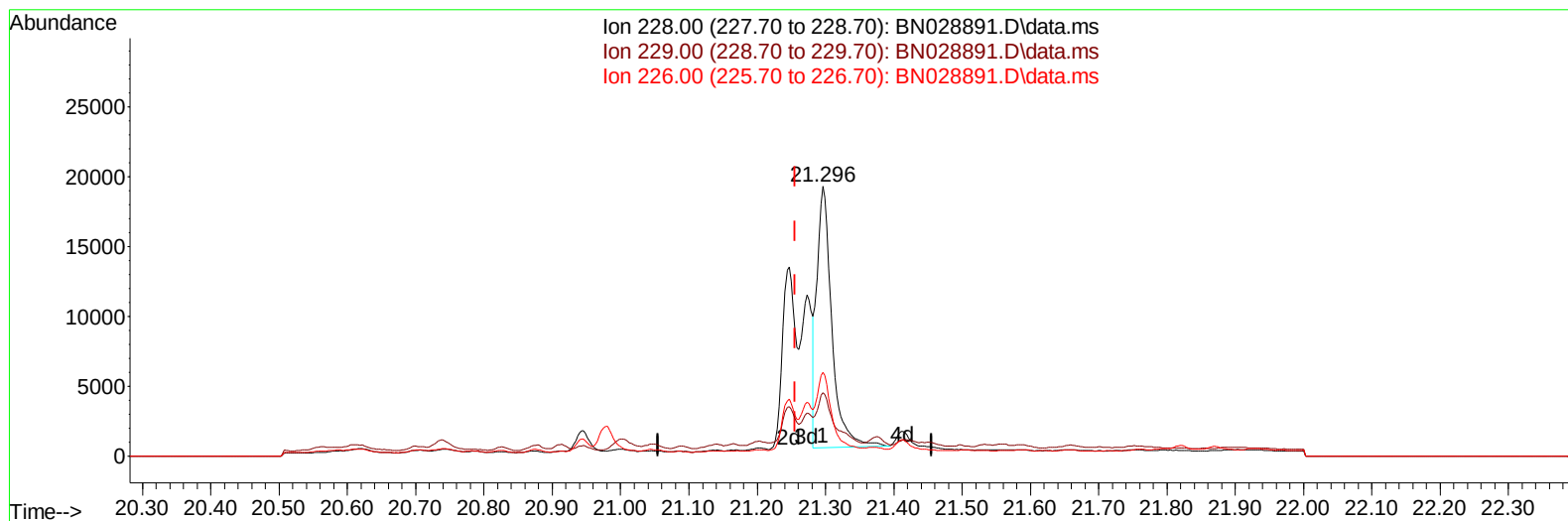
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 Operator : MA/JU
 Sample : 05416-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BN028891.D\data.ms

(21) Benzo(a)anthracene

21.296min (+ 0.041) 0.66 ng/u1

response 28573

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.44
226.00	26.70	30.95
0.00	0.00	0.00

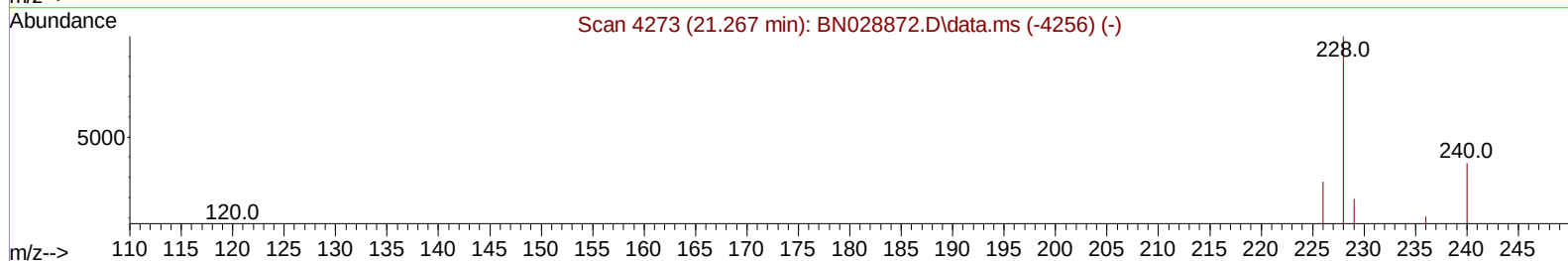
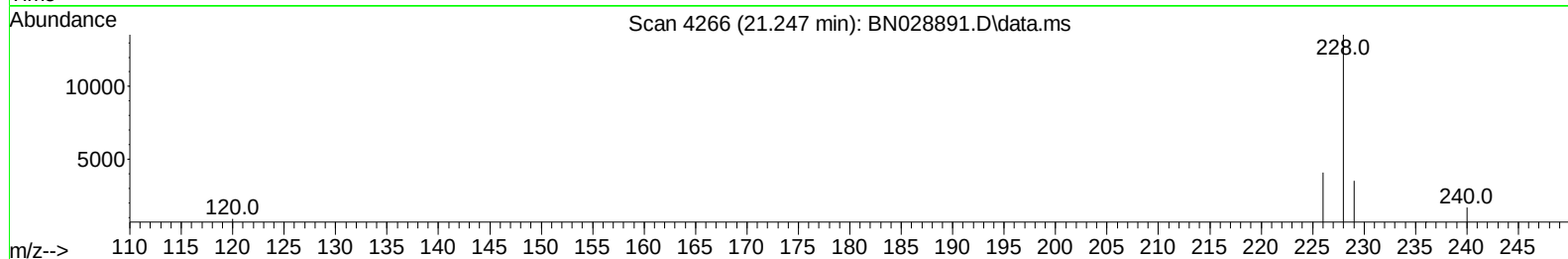
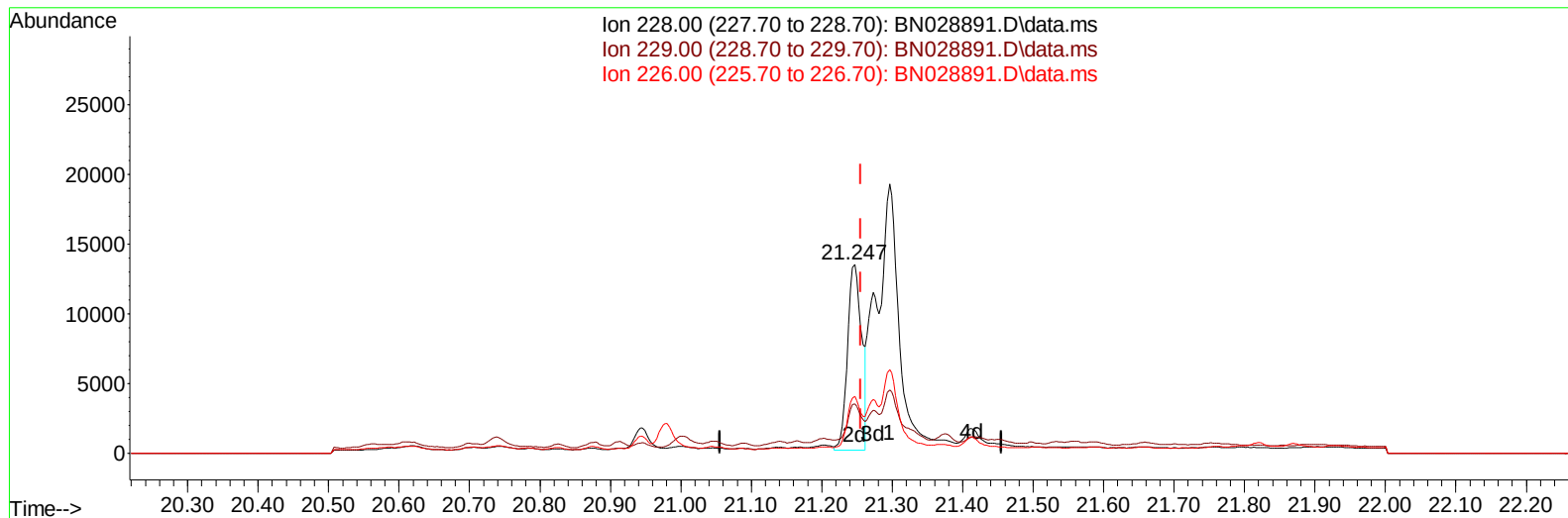
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028891.D
 Acq On : 27 Nov 2023 22:34
 Operator : MA/JU
 Sample : 05416-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4

Manual IntegrationsAPPROVED

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TIC: BN028891.D\data.ms

(21) Benzo(a)anthracene

21.247min (-0.009) 0.43 ng/ul m

response 18612

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	25.97#
226.00	26.70	30.23
0.00	0.00	0.00

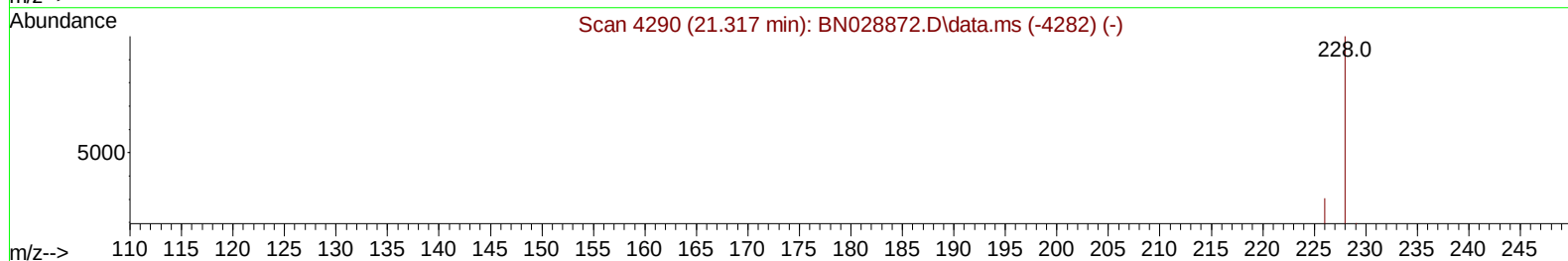
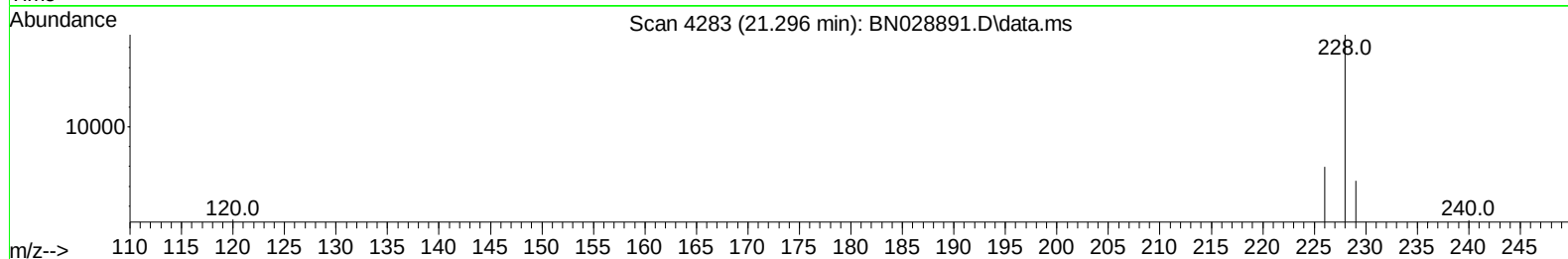
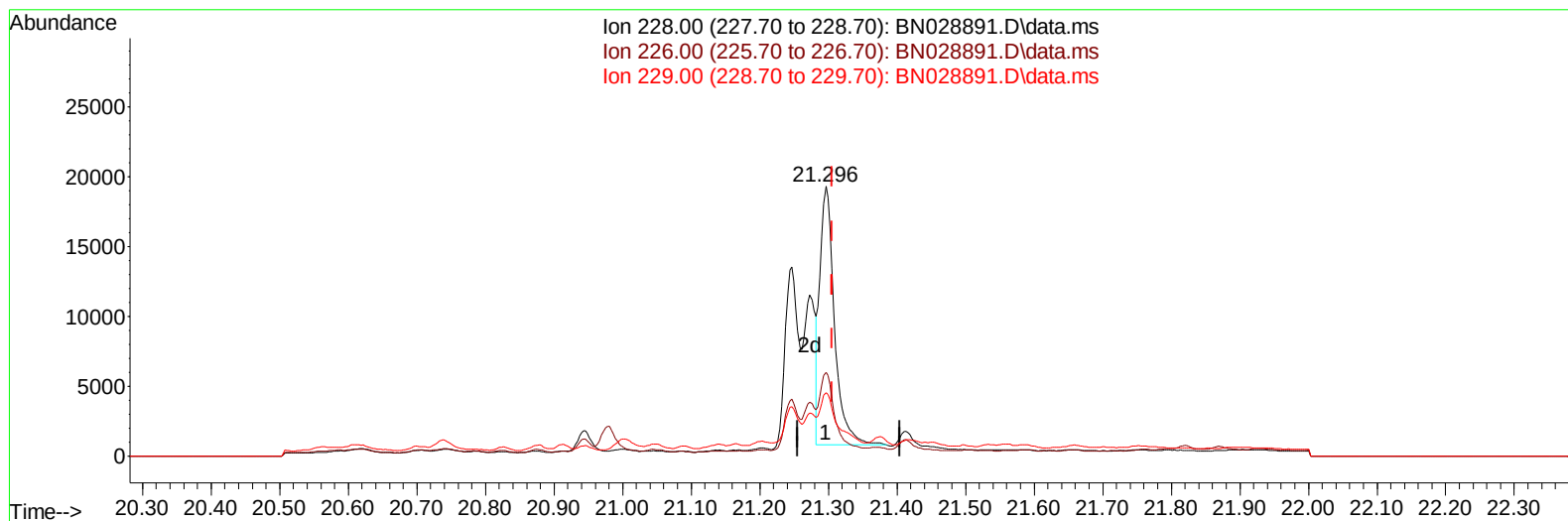
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028891.D
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 Operator : MA/JU
 Sample : 05416-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BN028891.D\data.ms

(22) Chrysene

21.296min (-0.009) 0.65 ng/u1

response 27458

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	30.95
229.00	19.30	23.44#
0.00	0.00	0.00

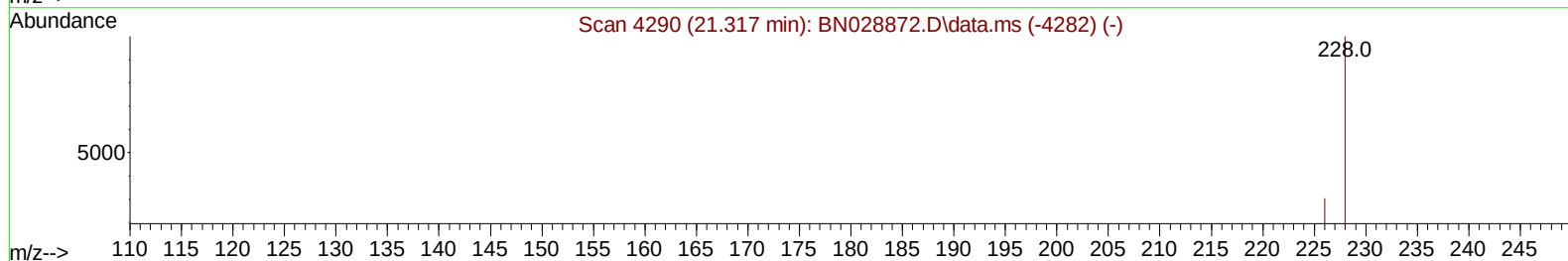
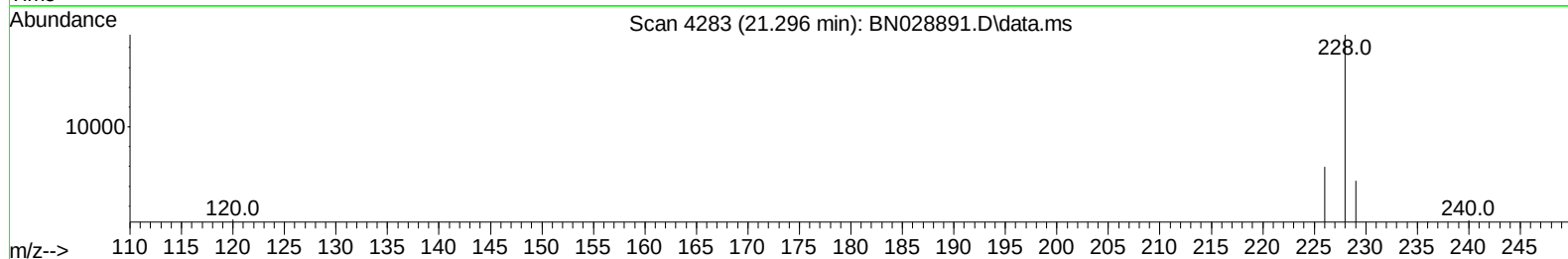
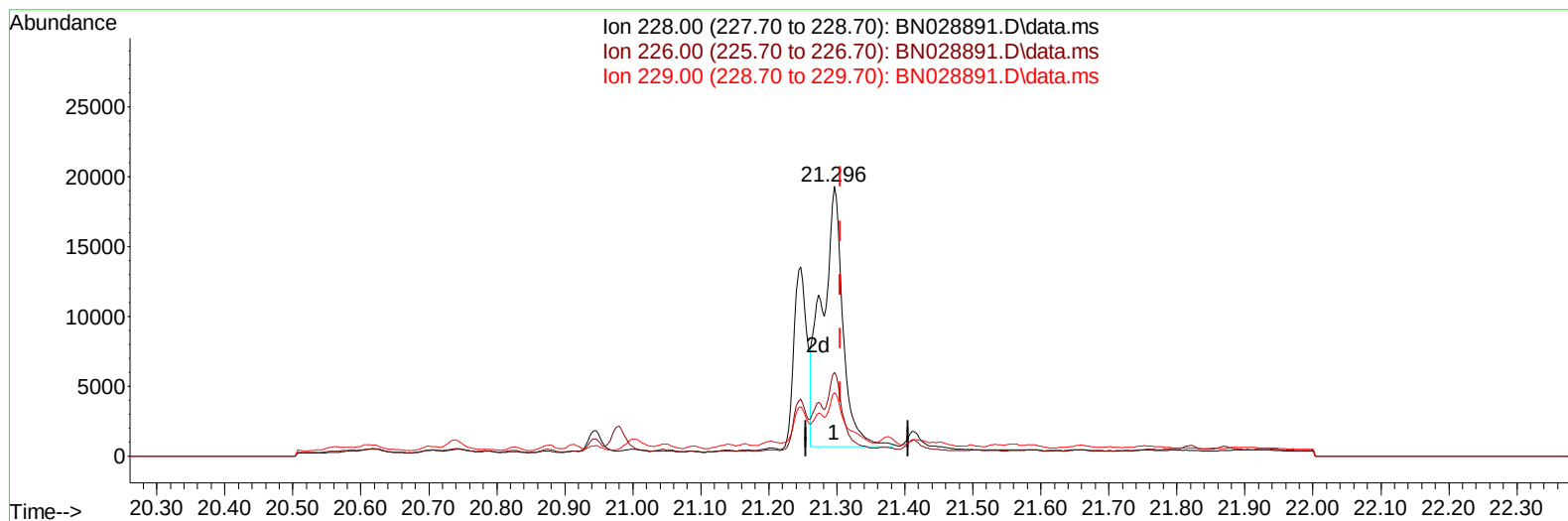
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028891.D
 Acq On : 27 Nov 2023 22:34
 Operator : MA/JU
 Sample : 05416-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4

Manual IntegrationsAPPROVED

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TIC: BN028891.D\data.ms

(22) Chrysene

21.296min (-0.009) 0.95 ng/ul m

response 40212

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	30.95
229.00	19.30	23.44#
0.00	0.00	0.00

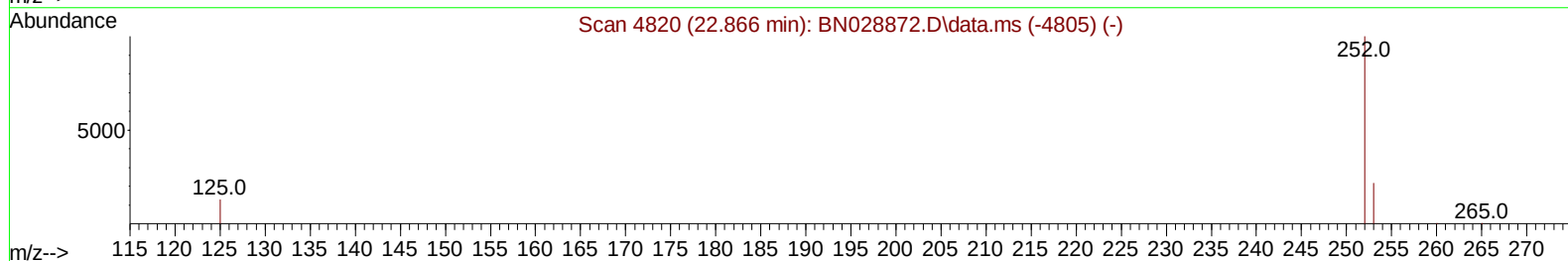
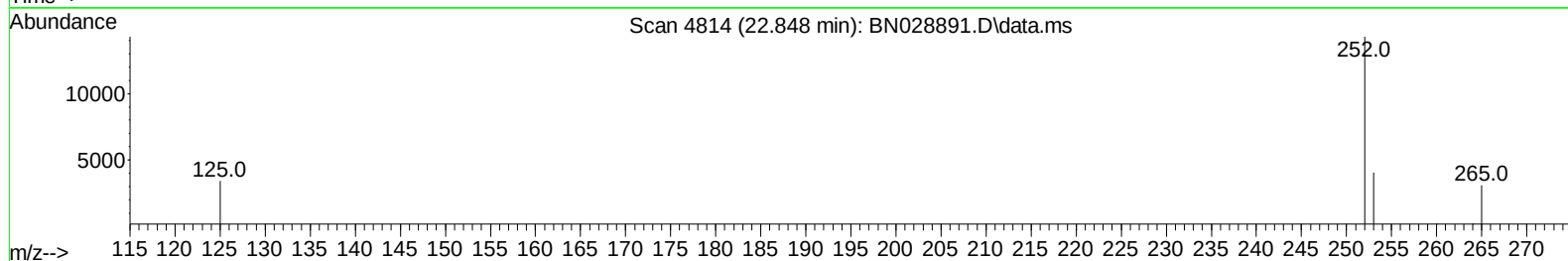
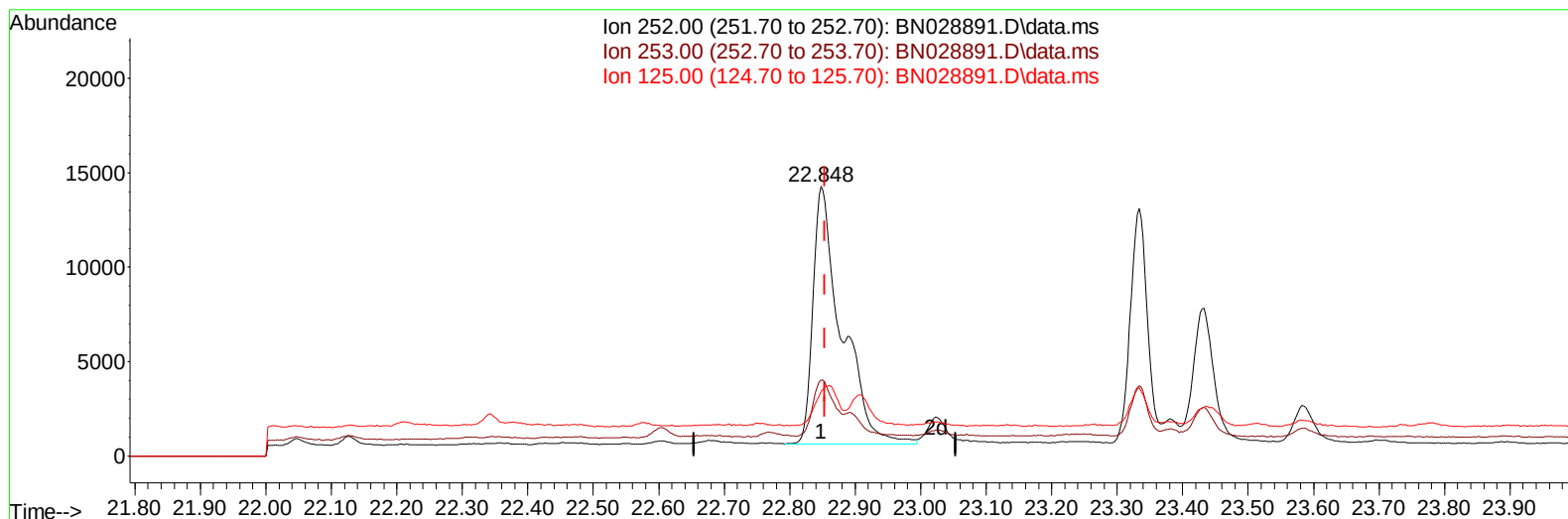
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028891.D
Acq On : 27 Nov 2023 22:34
Operator : MA/JU
Sample : 05416-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN028891.D\data.ms

(24) Benzo(b)fluoranthene

22.848min (-0.006) 0.91 ng/u1

response 41300

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	28.29
125.00	13.80	23.92
0.00	0.00	0.00

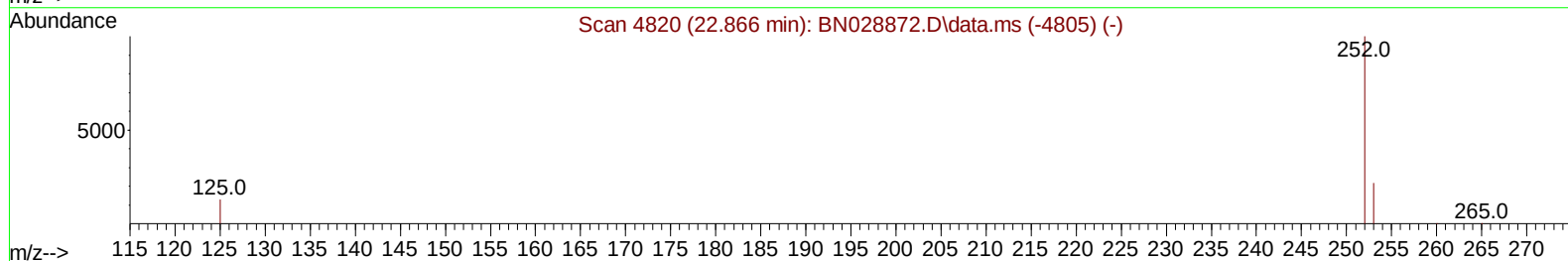
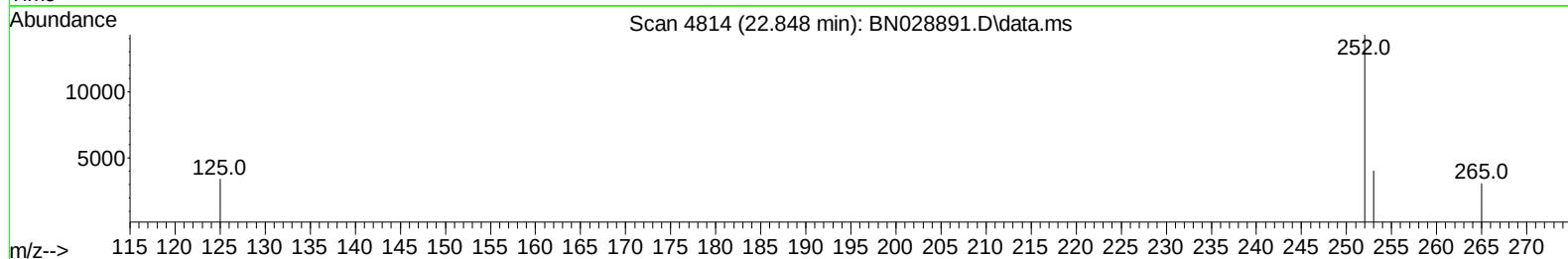
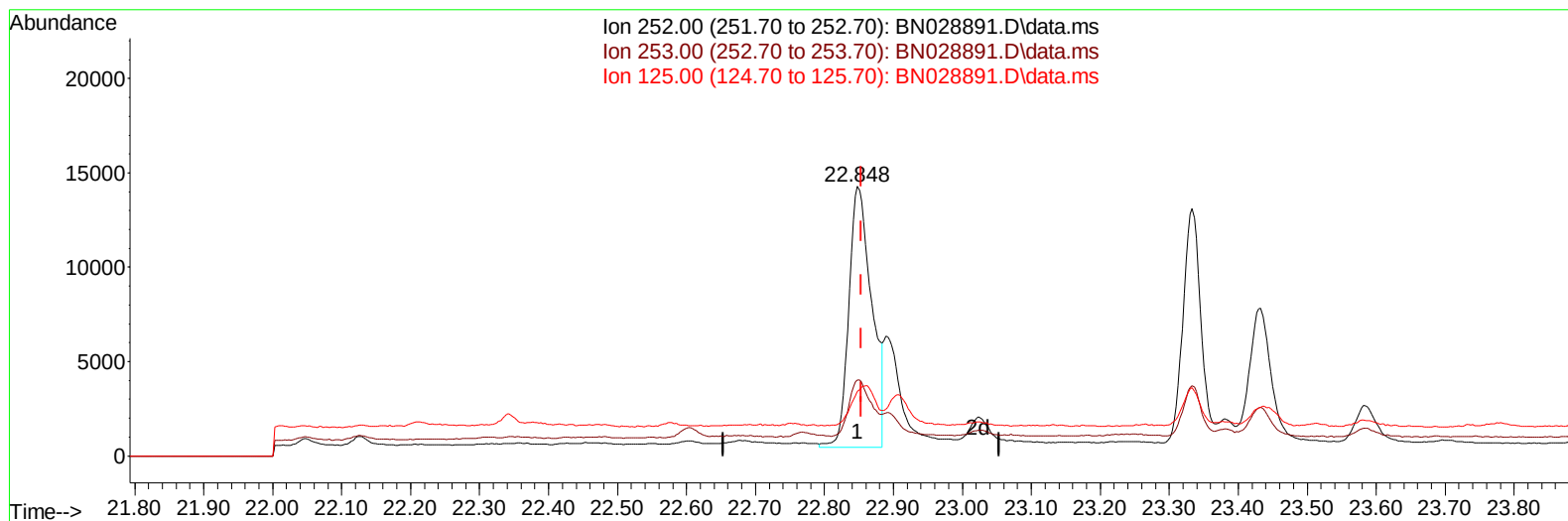
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028891.D
Acq On : 27 Nov 2023 22:34
Operator : MA/JU
Sample : 05416-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual IntegrationsAPPROVED

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Quant Time: Nov 28 04:31:15 2023
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TIC: BN028891.D\data.ms

(24) Benzo(b)fluoranthene

22.848min (-0.006) 0.70 ng/ul m

response 31833

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	28.29
125.00	13.80	23.92
0.00	0.00	0.00

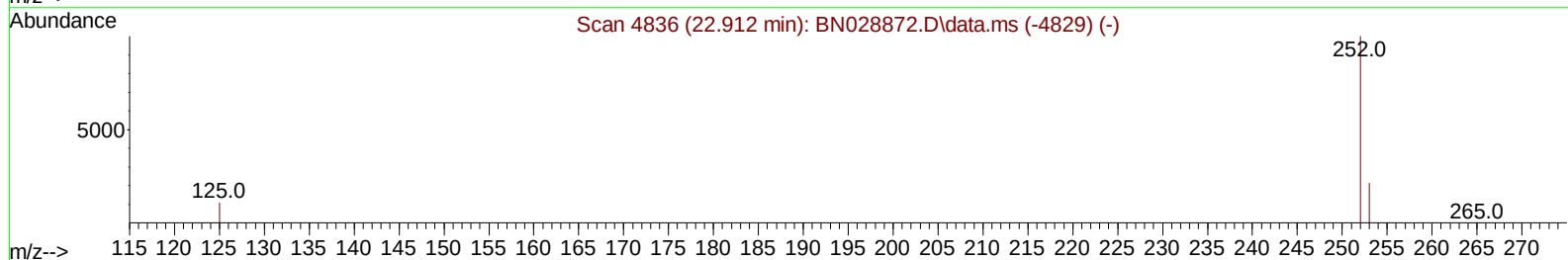
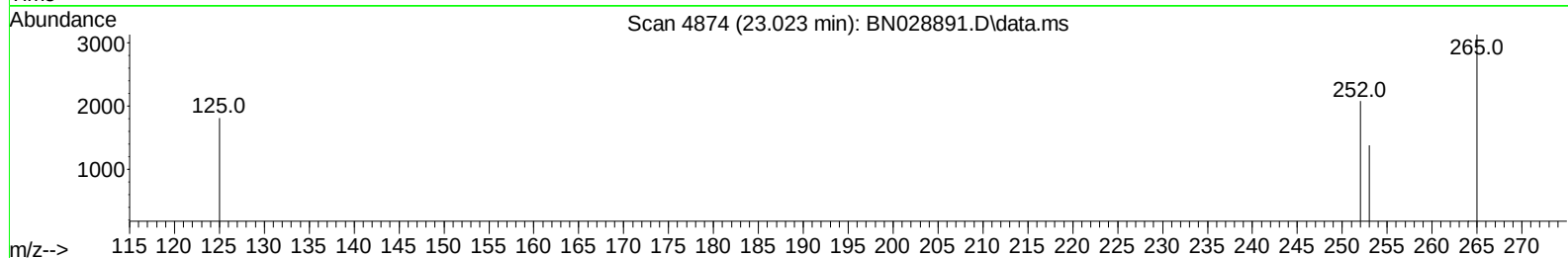
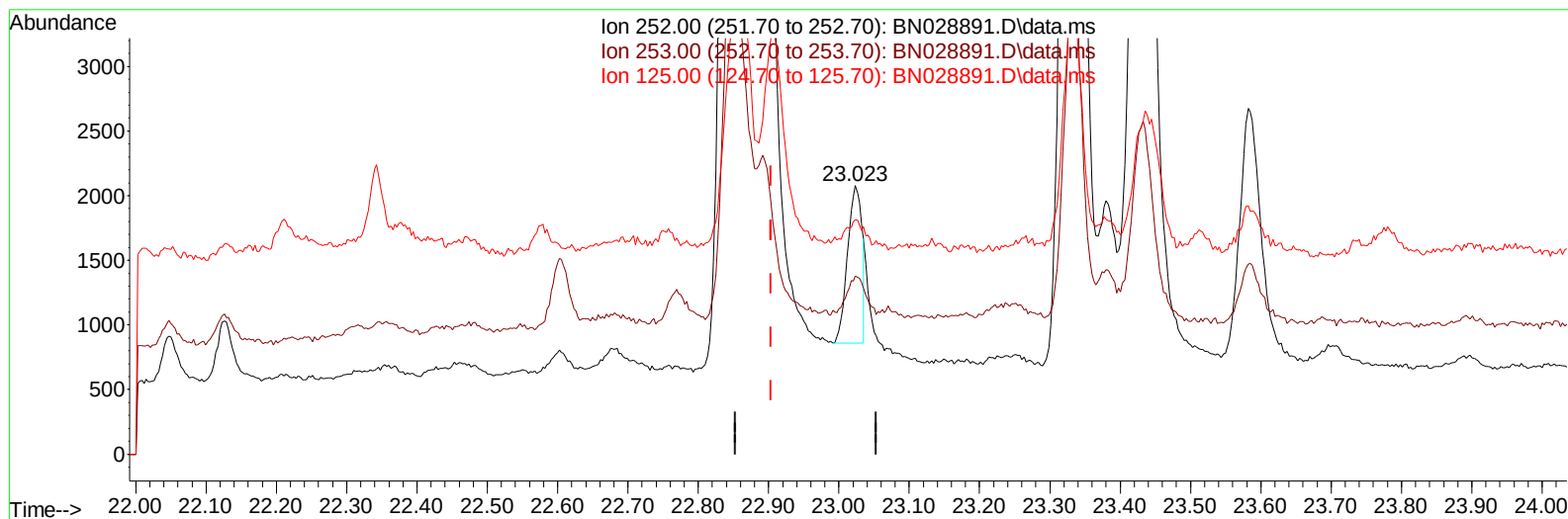
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN028891.D\data.ms

(25) Benzo(k)fluoranthene

23.023min (+ 0.120) 0.04 ng/u1

response 1750

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	66.25#
125.00	15.90	87.24#
0.00	0.00	0.00

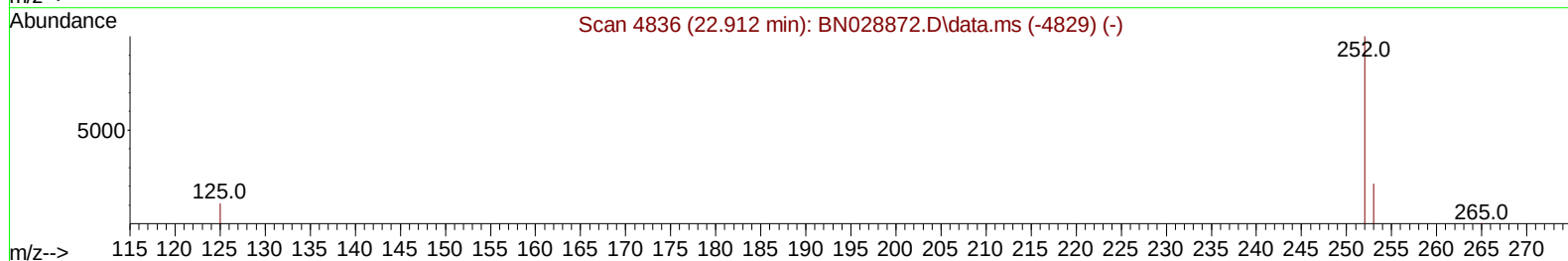
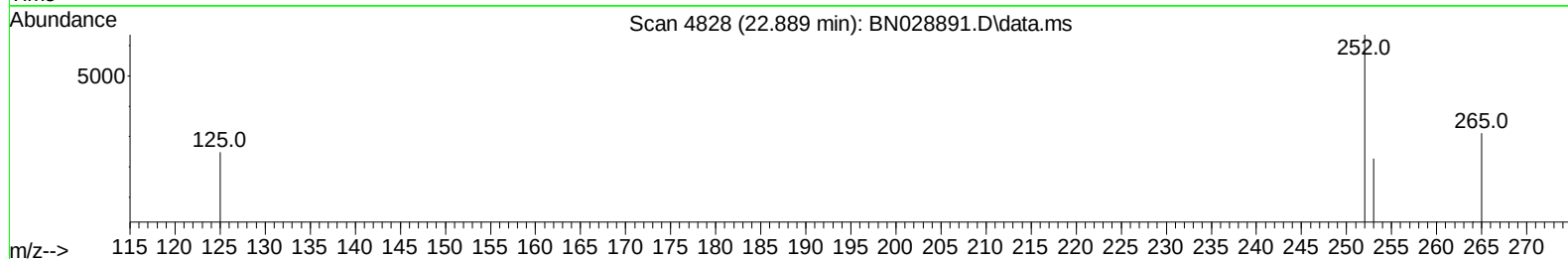
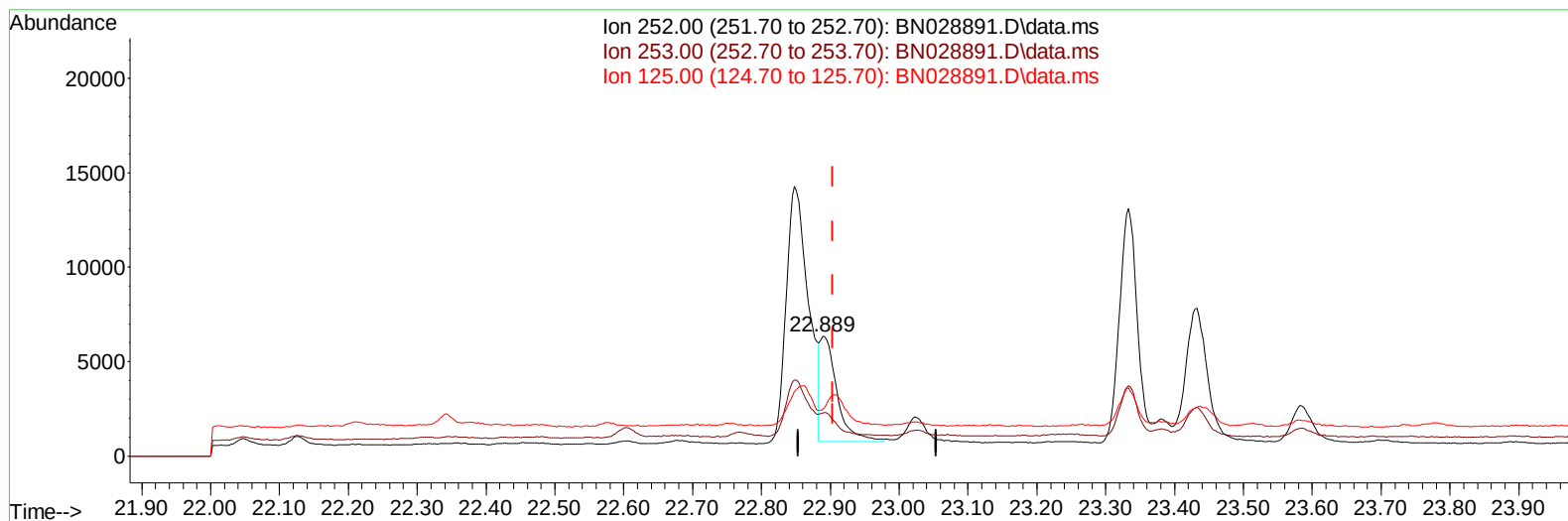
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BN028891.D\data.ms

(25) Benzo(k)fluoranthene

22.889min (-0.015) 0.20 ng/ul m

response 9369

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	35.83#
125.00	15.90	39.11#
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	7.652	152		4847m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.424	136		16930	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.289	164		9947	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.044	188		17336	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.261	240		10992	0.400	ng/ul	# 0.00
23) Perylene-d12	23.535	264		12074	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.099	96		17503	3.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152		4087	0.160	ng/ul	-0.04
18) Fluoranthene-d10	19.086	212		8326	0.235	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.473	128		42385	0.893	ng/ul	99
7) 2-Methylnaphthalene	12.096	142		40320	1.290	ng/ul	99
8) 1-Methylnaphthalene	12.316	142		39656	1.249	ng/ul	100
12) Fluorene	15.344	166		1798	0.042	ng/ul#	76
15) Phenanthrene	17.082	178		133885	2.514	ng/ul	100
16) Anthracene	17.175	178		4730	0.097	ng/ul#	80
19) Fluoranthene	19.113	202		50668	1.084	ng/ul	98
20) Pyrene	19.476	202		42379	0.875	ng/ul#	94
21) Benzo(a)anthracene	21.247	228		18612m	0.428	ng/ul	
22) Chrysene	21.296	228		40212m	0.946	ng/ul	
24) Benzo(b)fluoranthene	22.848	252		31833m	0.702	ng/ul	
25) Benzo(k)fluoranthene	22.889	252		9369m	0.197	ng/ul	
26) Benzo(a)pyrene	23.433	252		15573	0.364	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.858	276		12841	0.270	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.878	278		3515	0.093	ng/ul#	26
29) Benzo(g,h,i)perylene	26.569	276		15517	0.399	ng/ul	93

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

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