

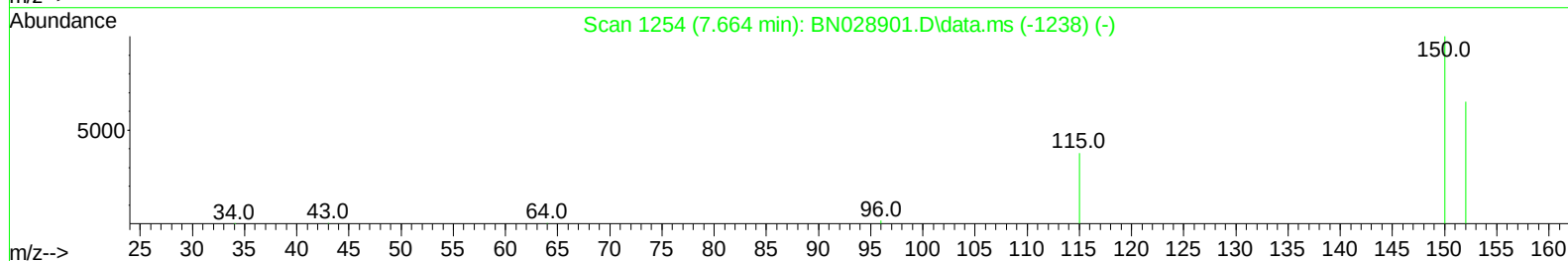
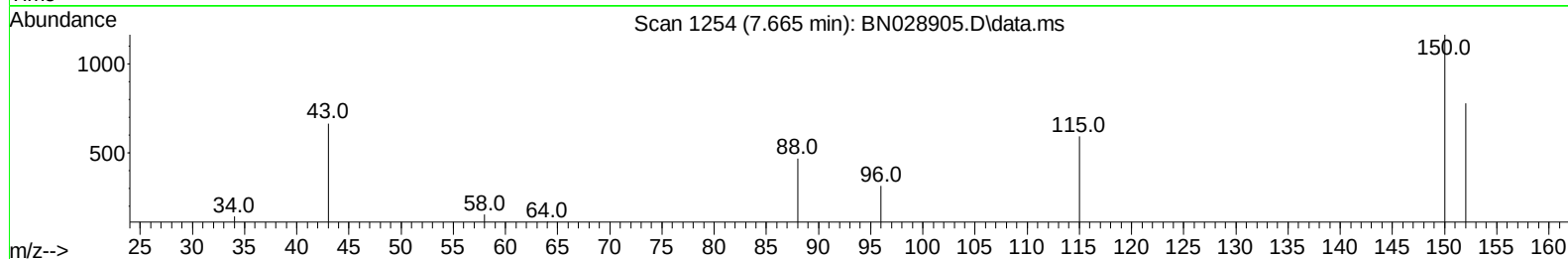
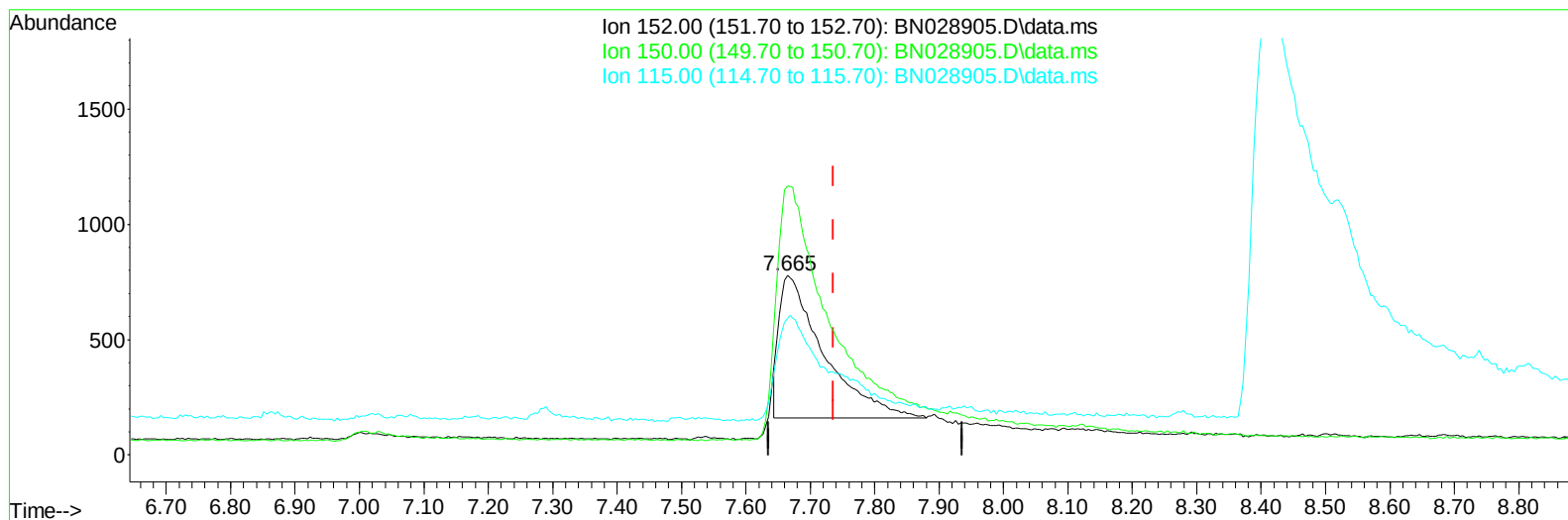
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028905.D
Acq On : 28 Nov 2023 15:48
Operator : MA/JU
Sample : 05416-03DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual IntegrationsAPPROVED

Quant Time: Nov 28 16:24:56 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 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BN028905.D\data.ms

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

7.665min (-0.071) 0.40 ng/ul

response 2969

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	149.49
115.00	62.20	75.90#
0.00	0.00	0.00

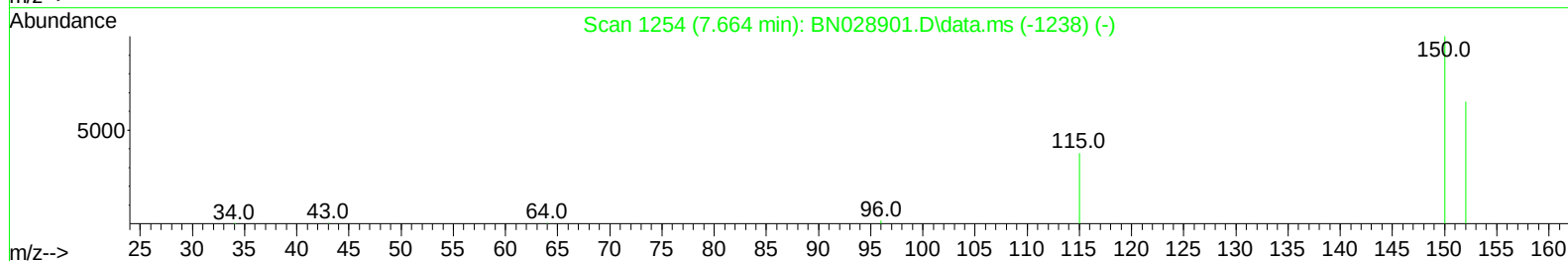
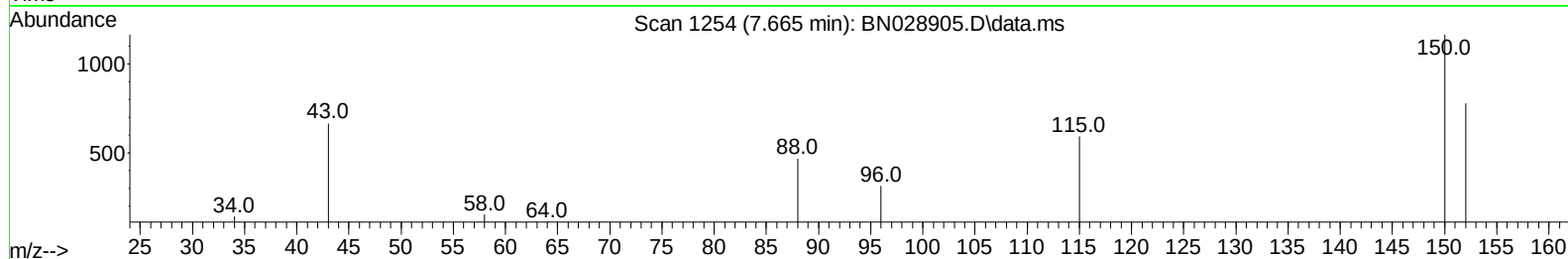
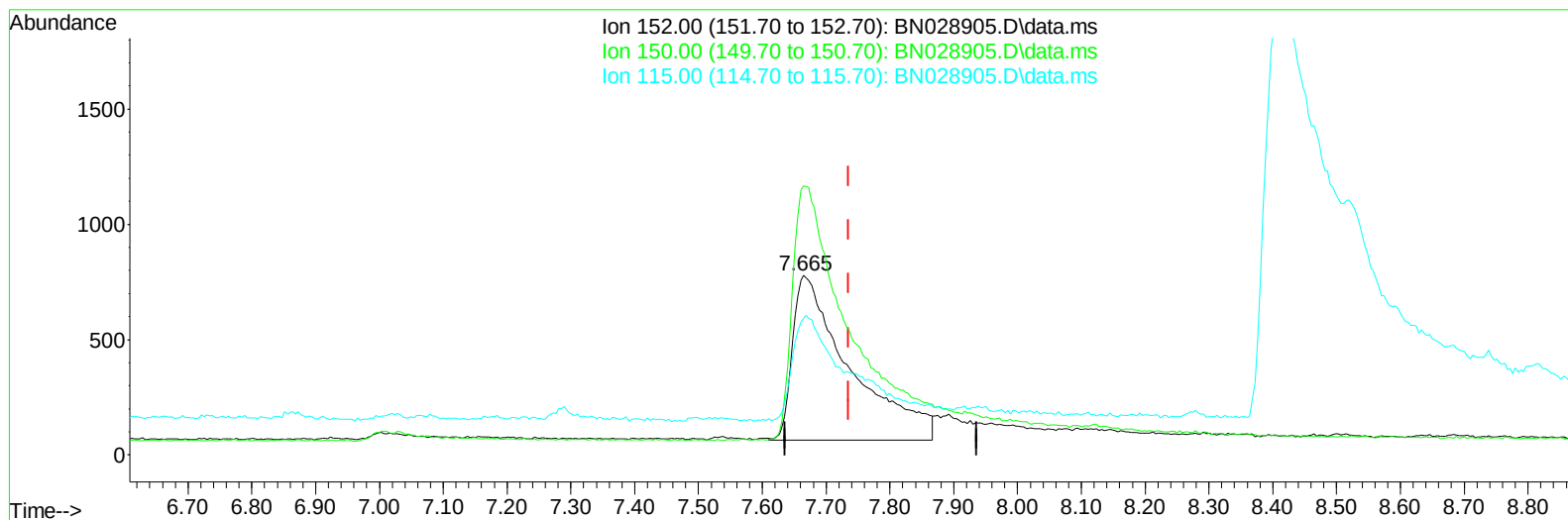
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TIC: BN028905.D\data.ms

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

7.665min (-0.071) 0.40 ng/ul m

response 4432

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	149.49
115.00	62.20	75.90#
0.00	0.00	0.00

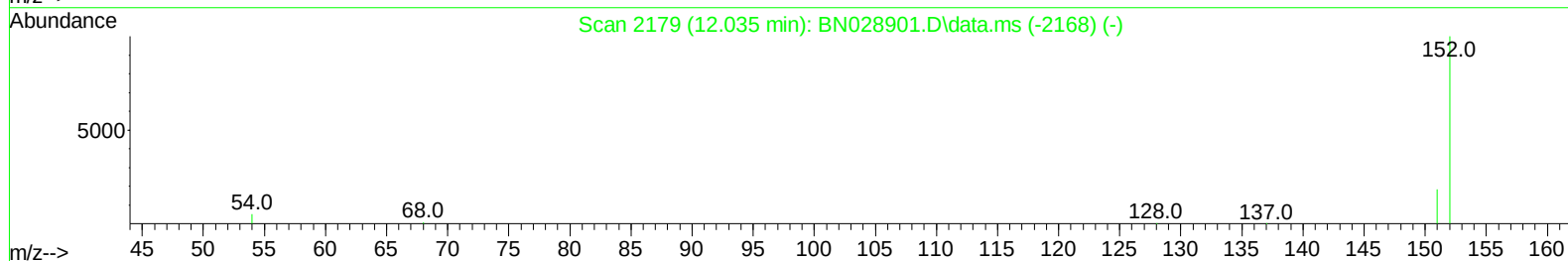
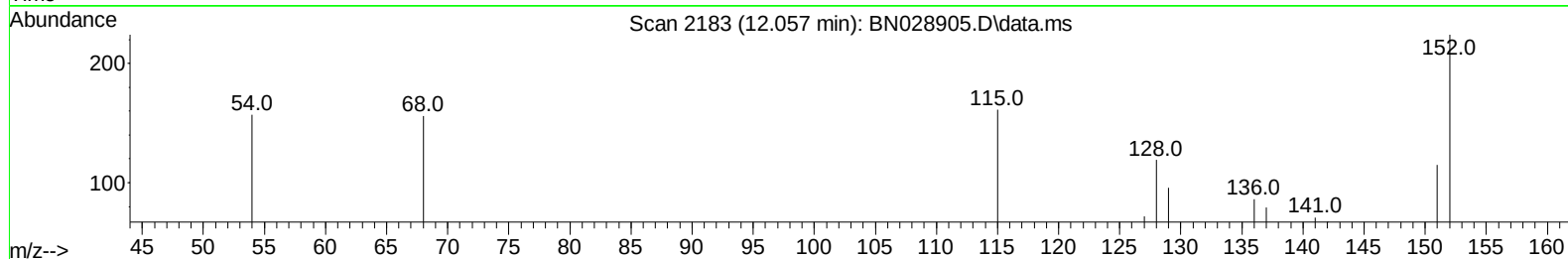
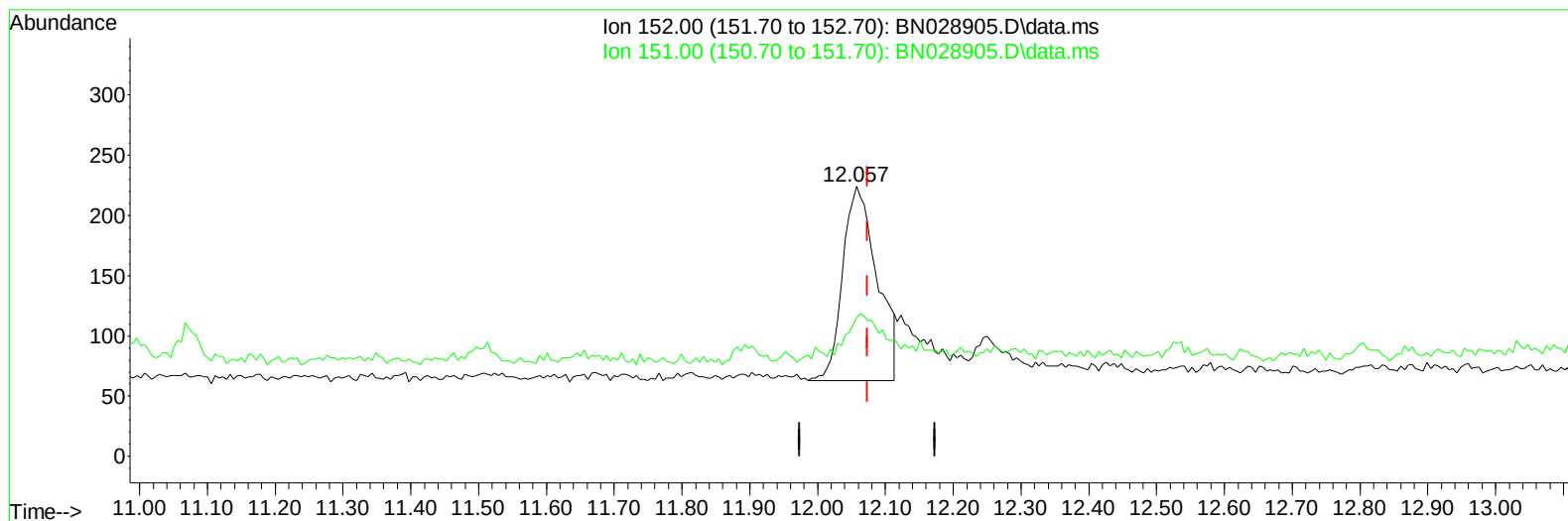
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BN028905.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.057min (-0.016) 0.02 ng/u1

response 568

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	20.07
0.00	0.00	0.00
0.00	0.00	0.00

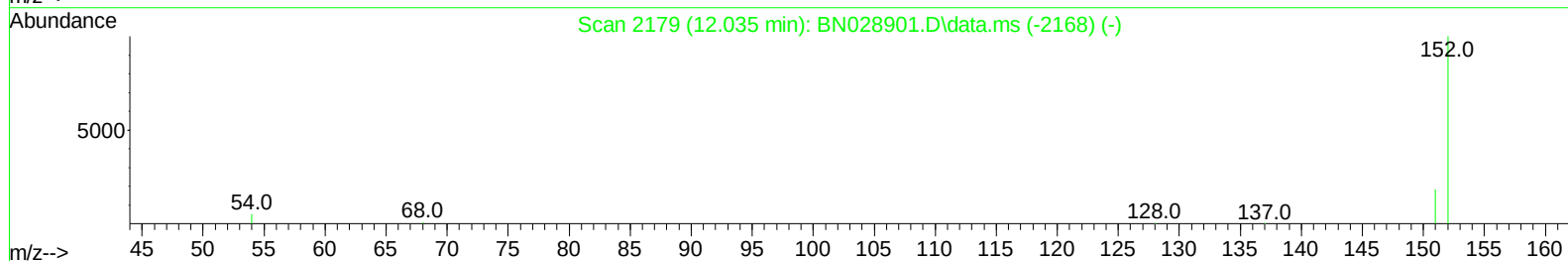
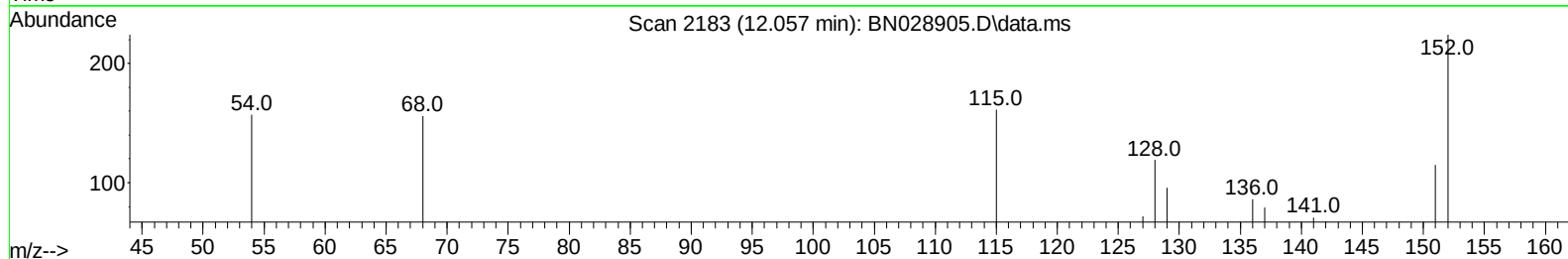
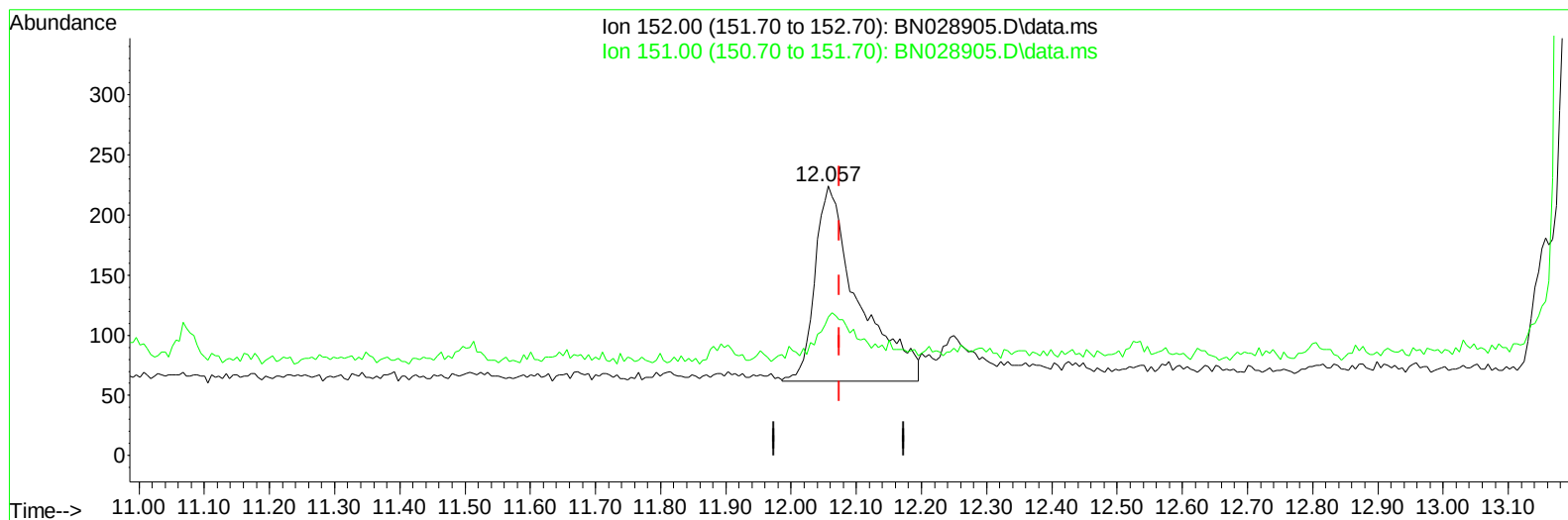
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
 Data File : BN028905.D
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 Operator : MA/JU
 Sample : 05416-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028905.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.057min (-0.016) 0.03 ng/ul m

response 748

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	15.24#
0.00	0.00	0.00
0.00	0.00	0.00

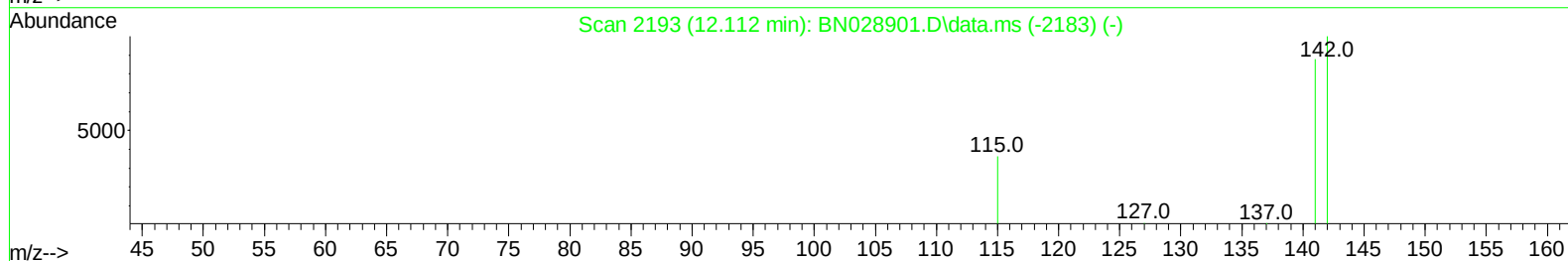
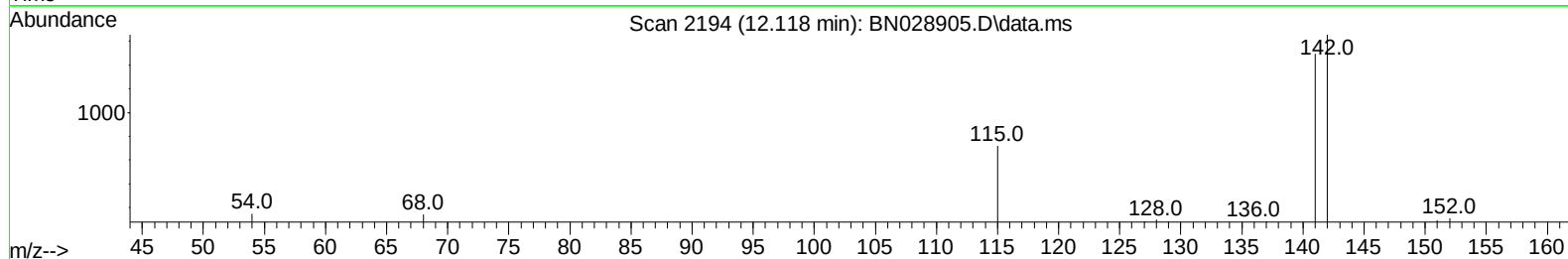
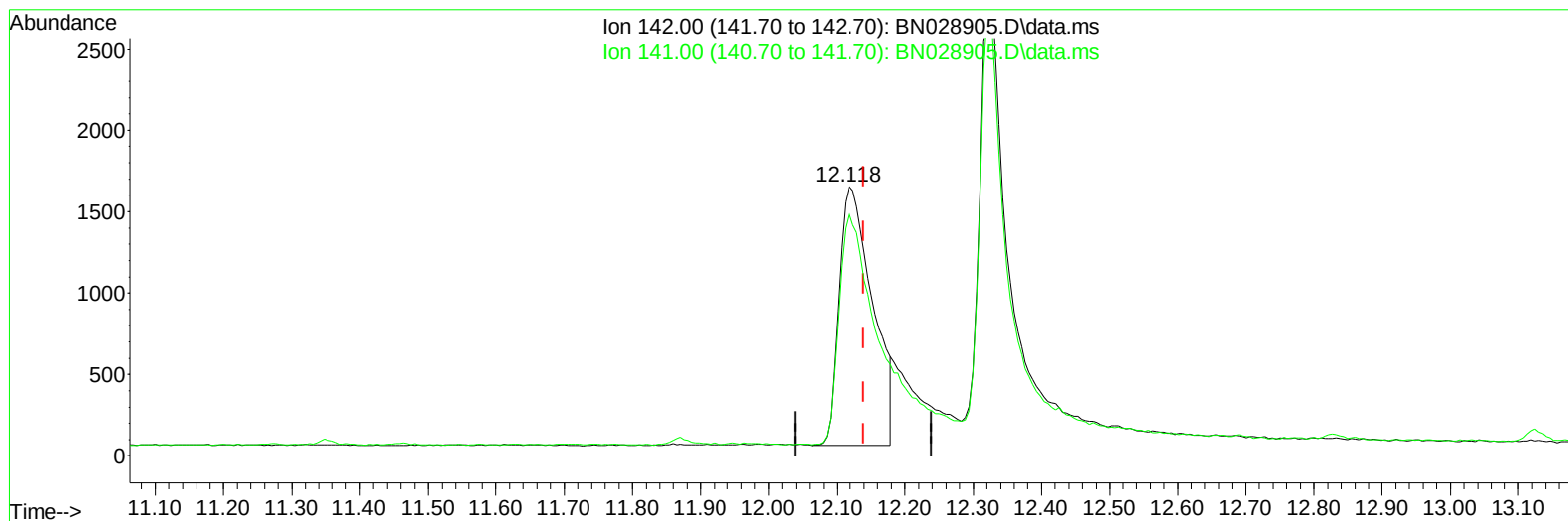
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Instrument :
 BNA_N
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TIC: BN028905.D\data.ms

(7) 2-Methylnaphthalene

12.118min (-0.022) 0.19 ng/u1

response 5481

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	88.96
0.00	0.00	0.00
0.00	0.00	0.00

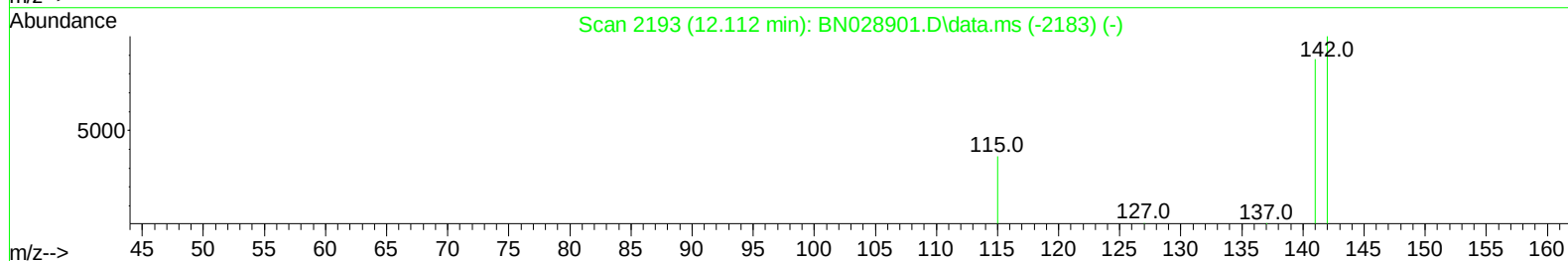
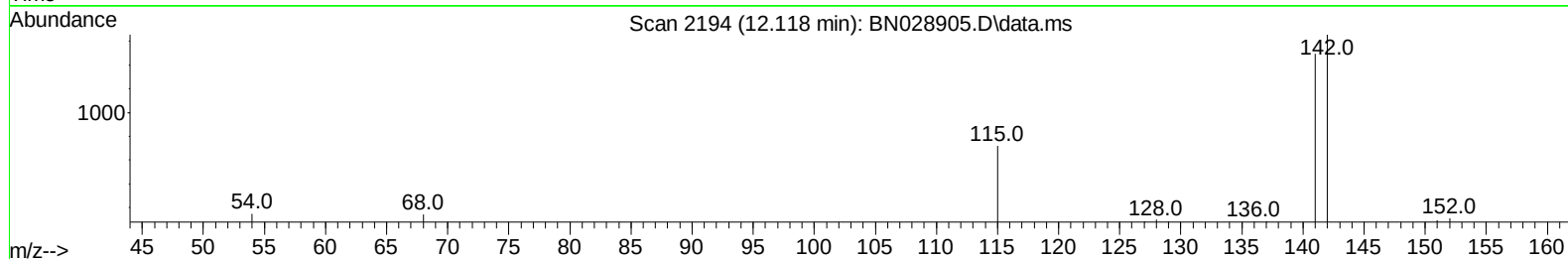
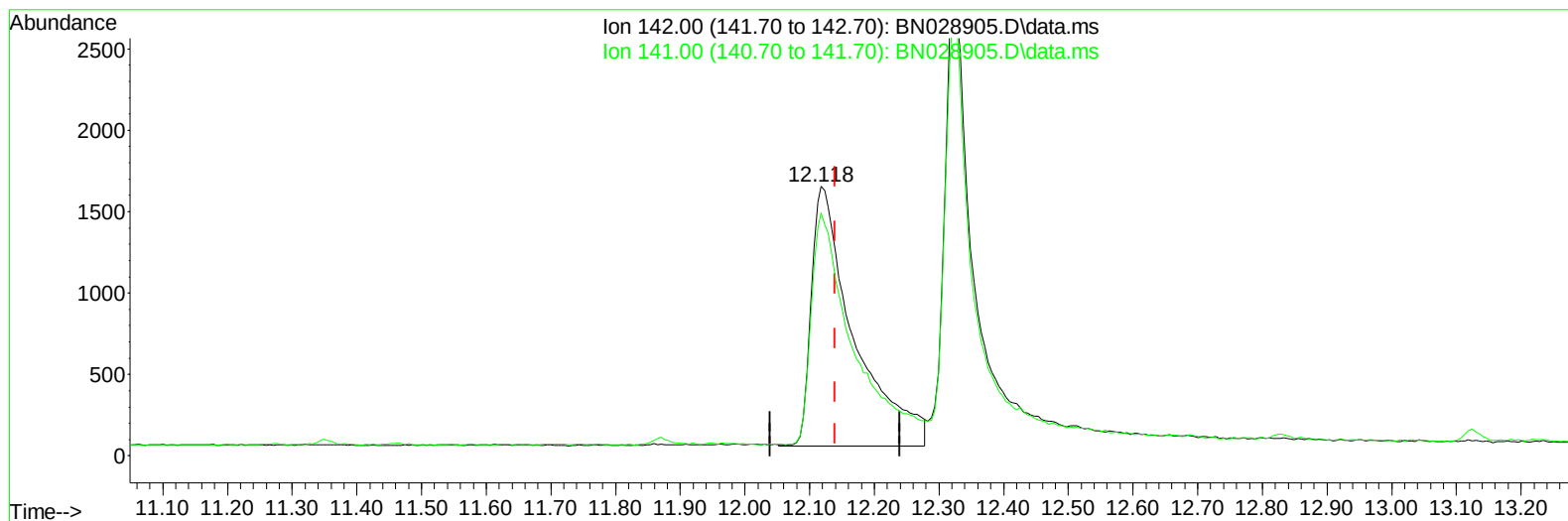
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Data File : BN028905.D
Acq On : 28 Nov 2023 15:48
Operator : MA/JU
Sample : 05416-03DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 16:24:56 2023
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TIC: BN028905.D\data.ms

(7) 2-Methylnaphthalene

12.118min (-0.022) 0.25 ng/ul m

response 7267

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	67.10#
0.00	0.00	0.00
0.00	0.00	0.00

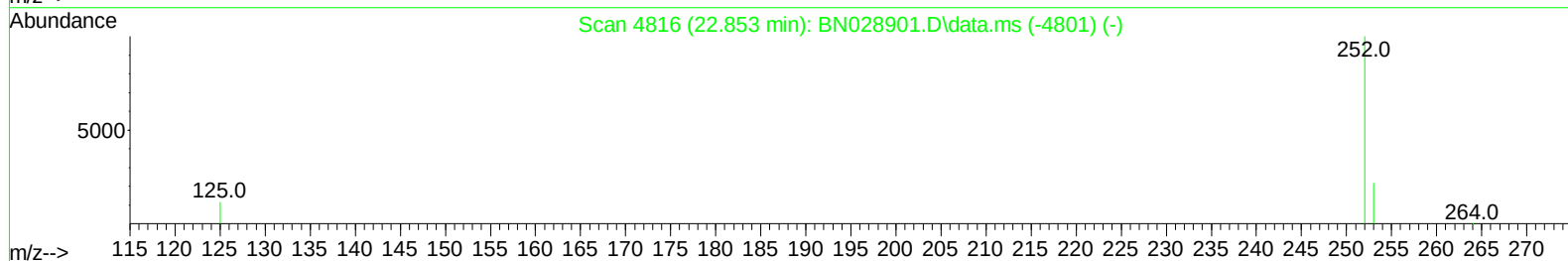
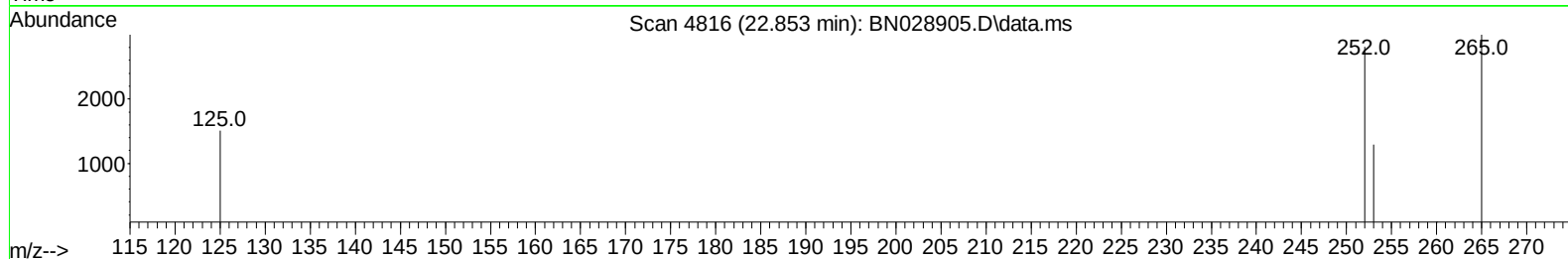
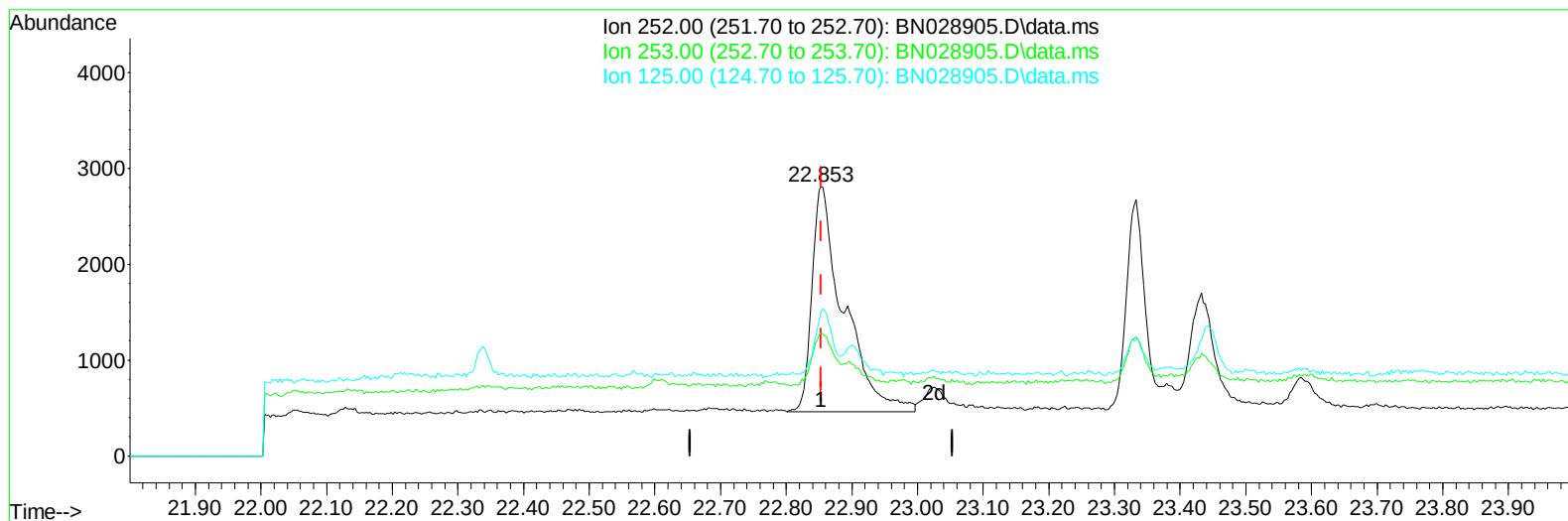
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 Operator : MA/JU
 Sample : 05416-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4DL

Manual IntegrationsAPPROVED

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TIC: BN028905.D\data.ms

(24) Benzo(b)fluoranthene

22.853min (-0.001) 0.21 ng/u1

response 7939

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	45.98
125.00	13.80	53.63#
0.00	0.00	0.00

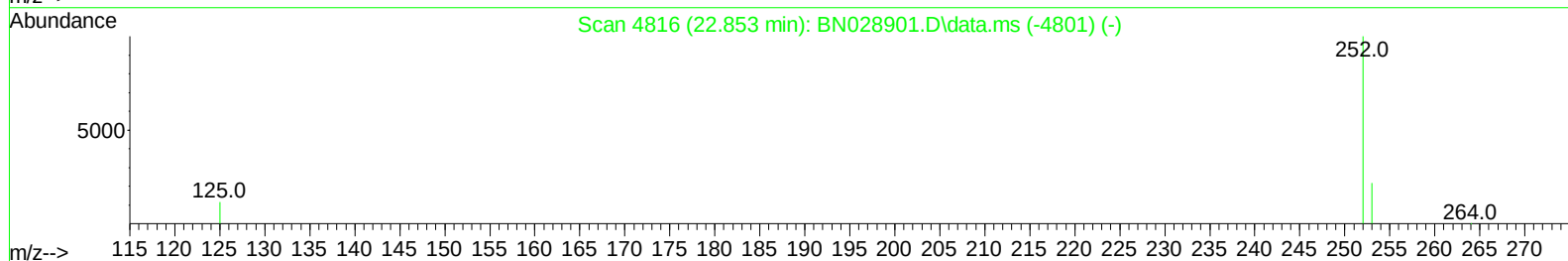
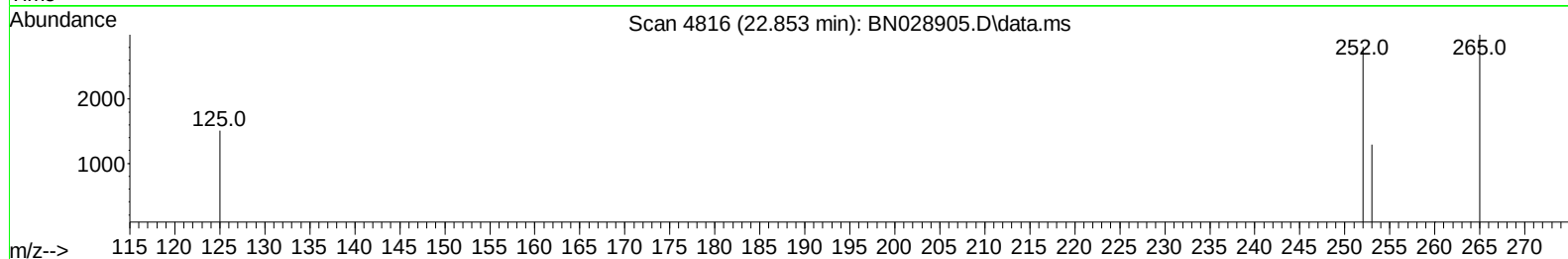
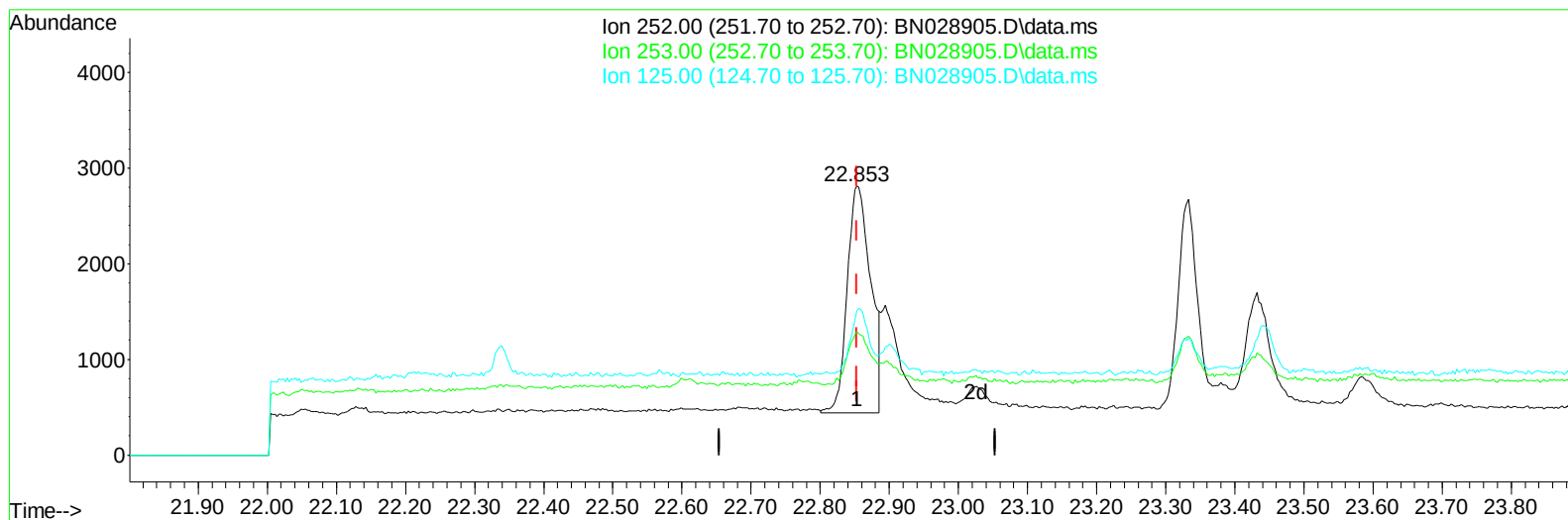
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028905.D
Acq On : 28 Nov 2023 15:48
Operator : MA/JU
Sample : 05416-03DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual IntegrationsAPPROVED

Quant Time: Nov 28 16:24:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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QLast Update : Tue Nov 21 23:49:43 2023
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TIC: BN028905.D\data.ms

(24) Benzo(b)fluoranthene

22.853min (-0.001) 0.15 ng/ul m

response 5595

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	45.98
125.00	13.80	53.63#
0.00	0.00	0.00

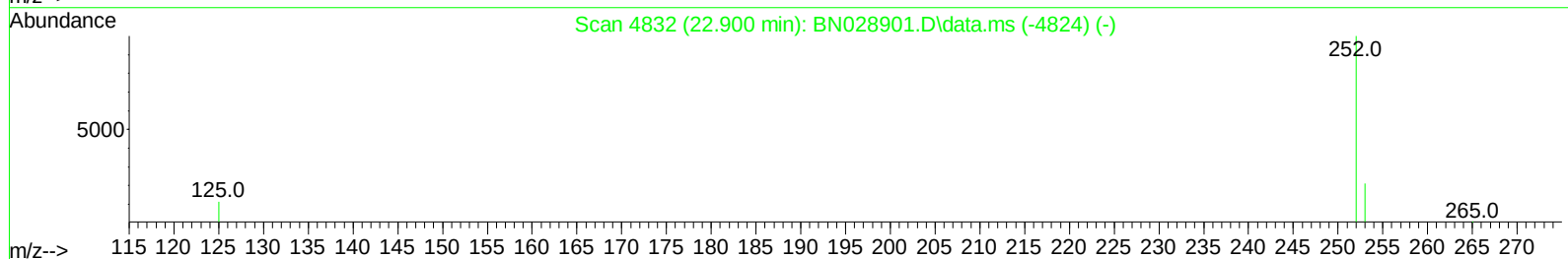
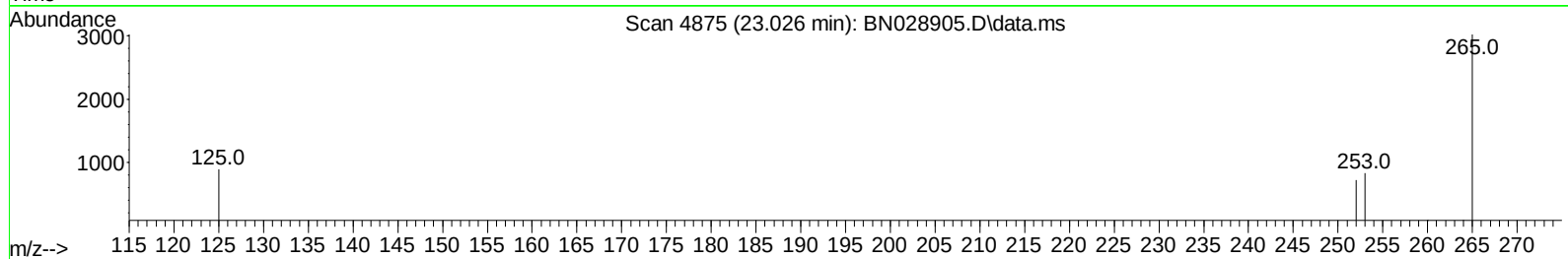
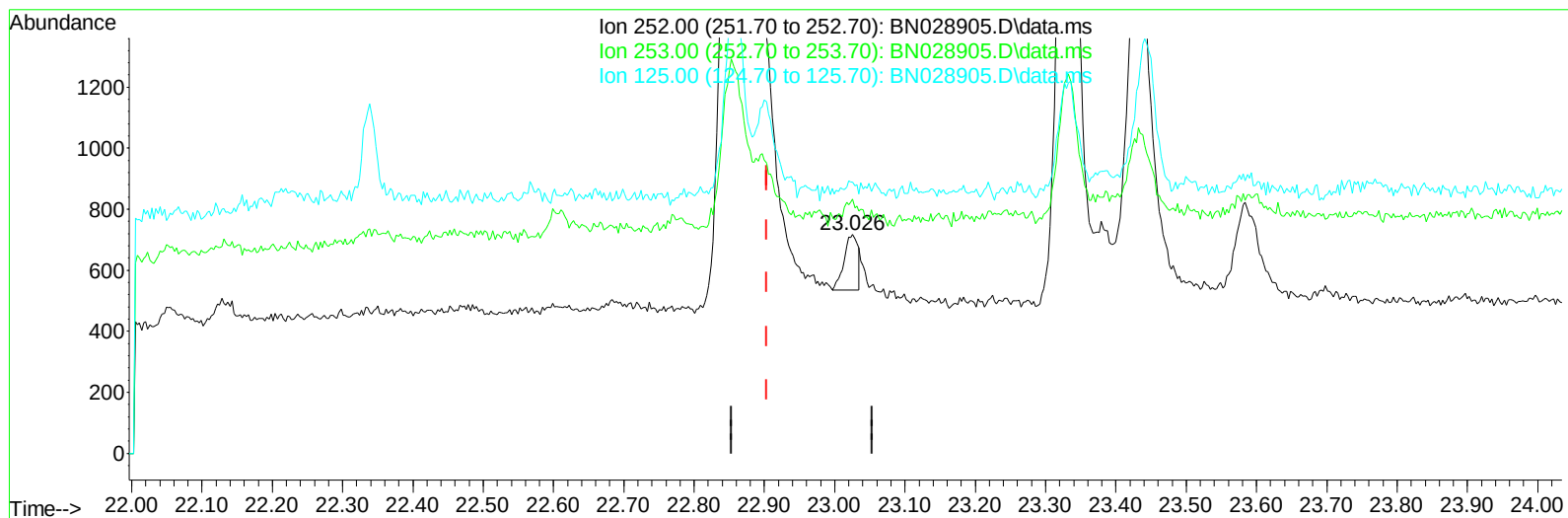
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 Data File : BN028905.D
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 Operator : MA/JU
 Sample : 05416-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4DL

Manual IntegrationsAPPROVED

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TIC: BN028905.D\data.ms

(25) Benzo(k)fluoranthene

23.026min (+ 0.122) 0.01 ng/u1

response	250	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	116.18#
125.00	15.90	123.99#
0.00	0.00	0.00

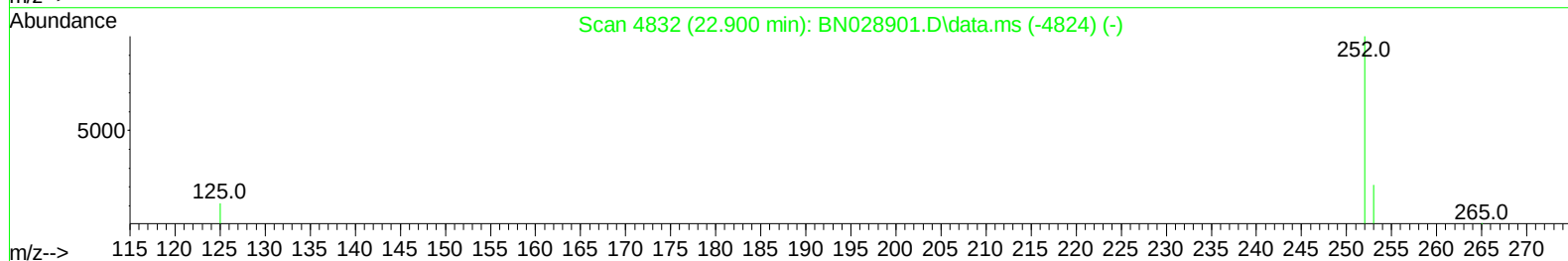
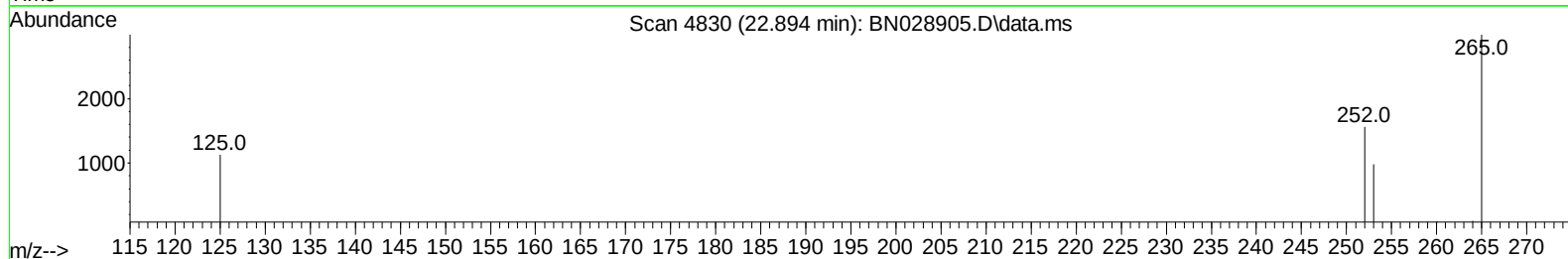
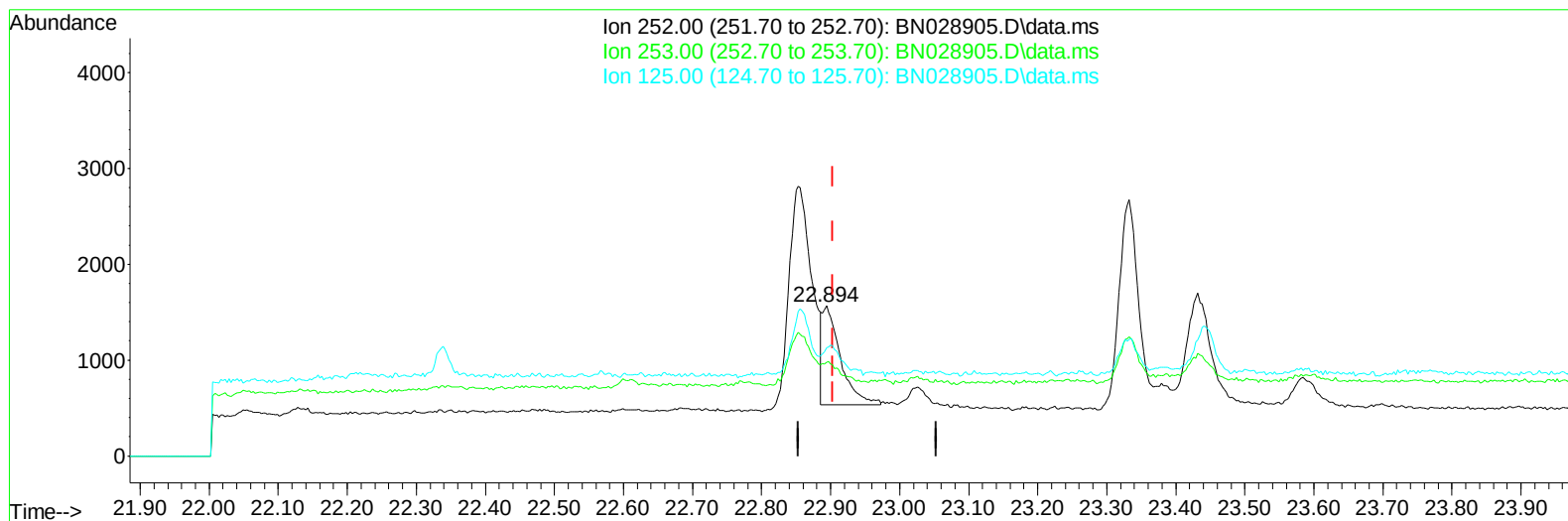
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Acq On : 28 Nov 2023 15:48
Operator : MA/JU
Sample : 05416-03DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB4DL

Manual IntegrationsAPPROVED

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TIC: BN028905.D\data.ms

(25) Benzo(k)fluoranthene

22.894min (-0.010) 0.05 ng/ul m

response 1898

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	62.45#
125.00	15.90	72.22#
0.00	0.00	0.00

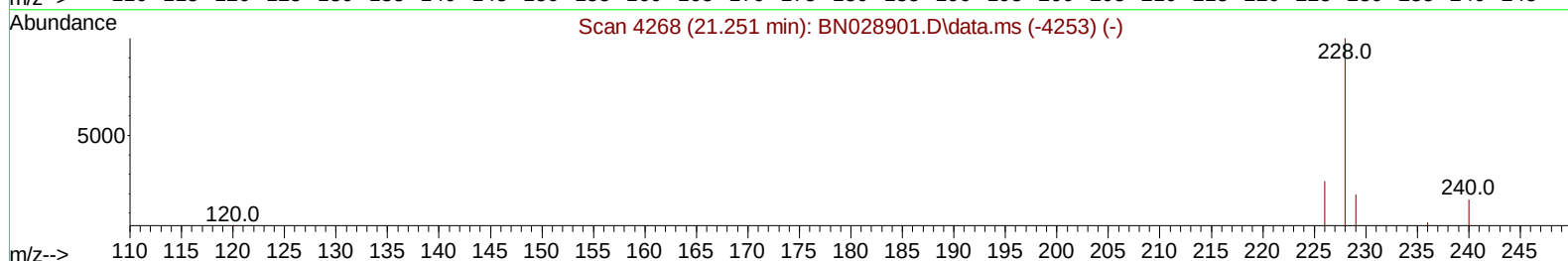
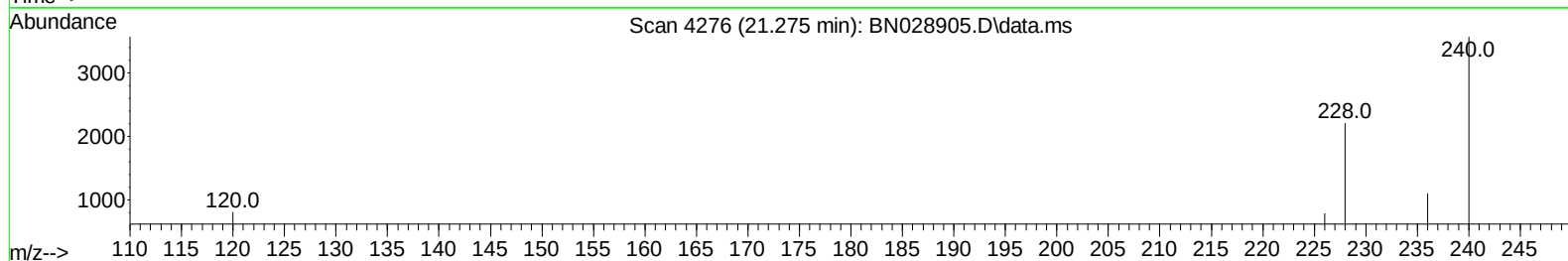
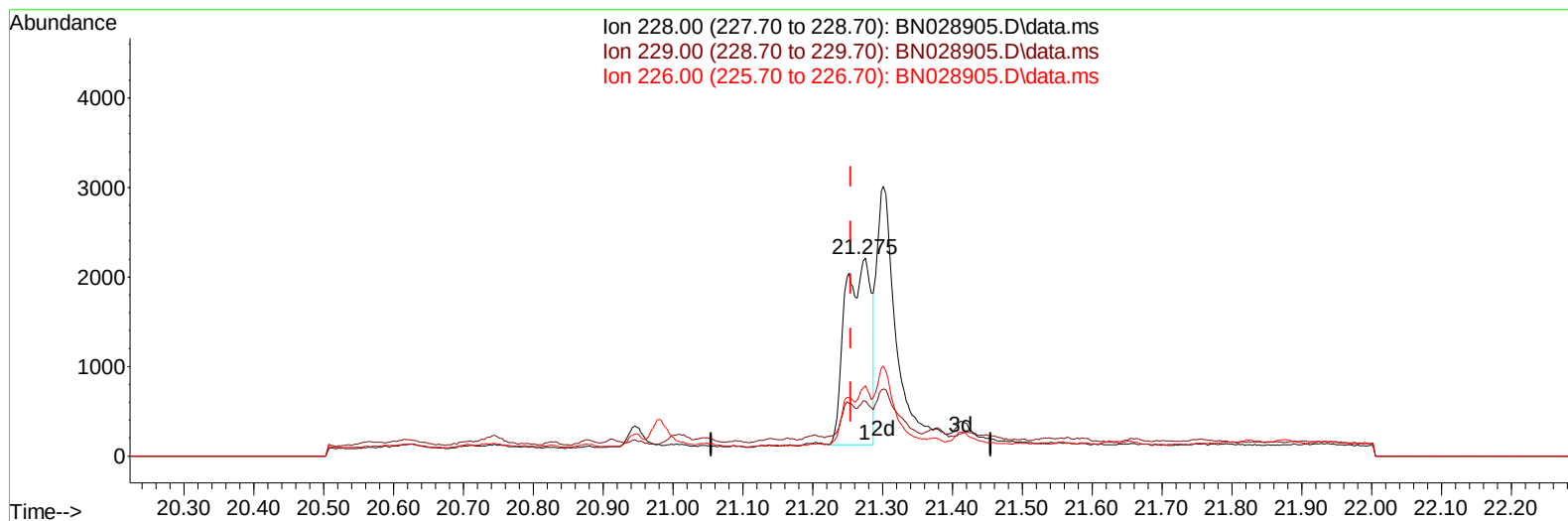
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028905.D\data.ms

(21) Benzo(a)anthracene

21.275min (+ 0.020) 0.13 ng/u1

response 5367

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	27.93#
226.00	26.70	35.54#
0.00	0.00	0.00

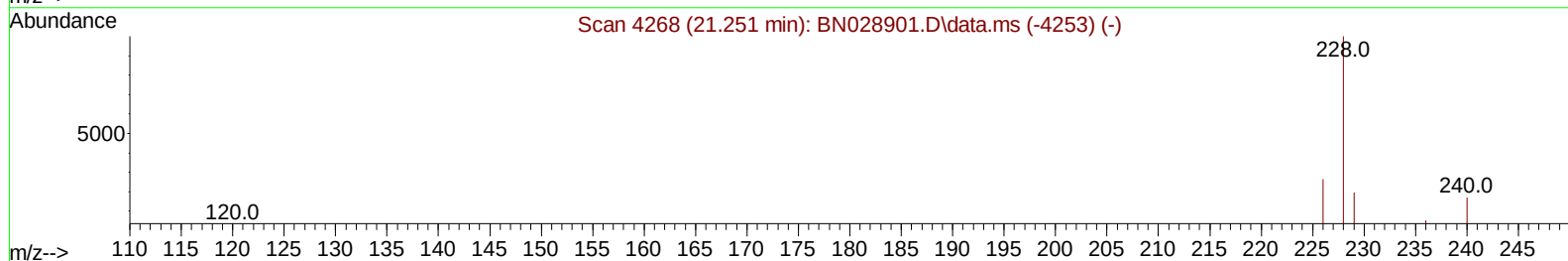
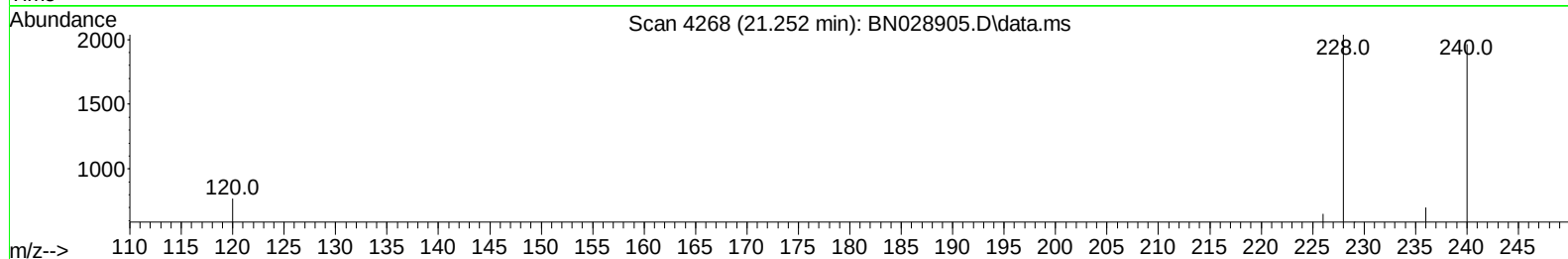
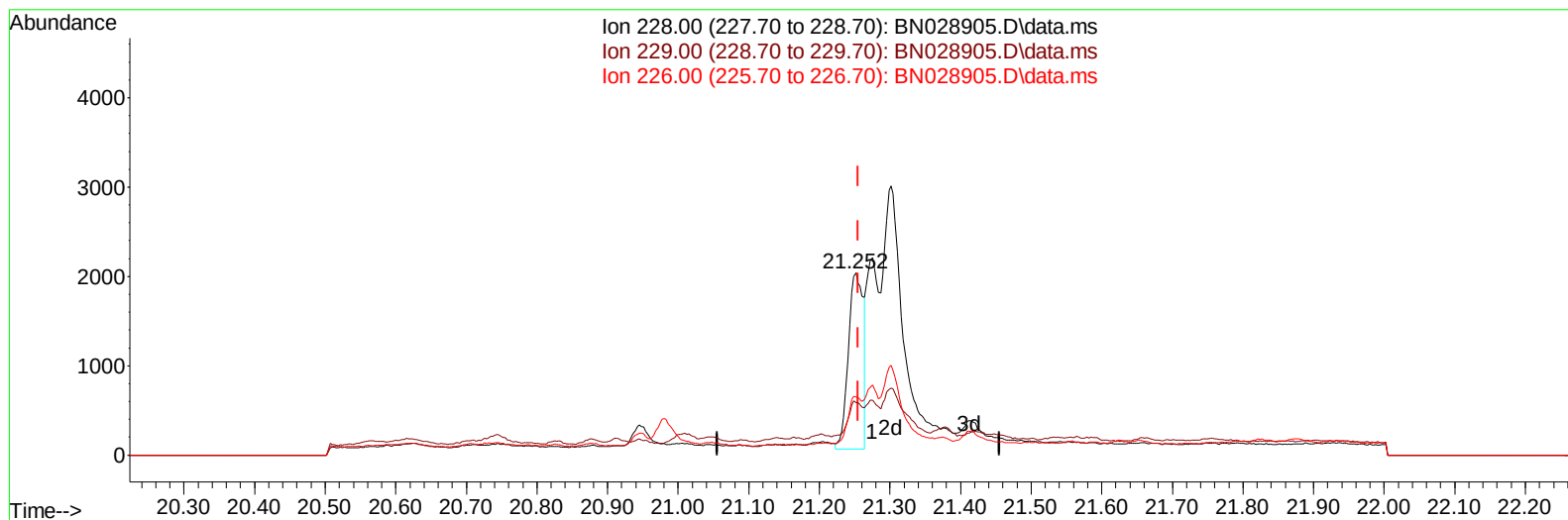
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BN028905.D\data.ms

(21) Benzo(a)anthracene

21.252min (-0.004) 0.07 ng/ul m

response 2896

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	28.85#
226.00	26.70	31.89
0.00	0.00	0.00

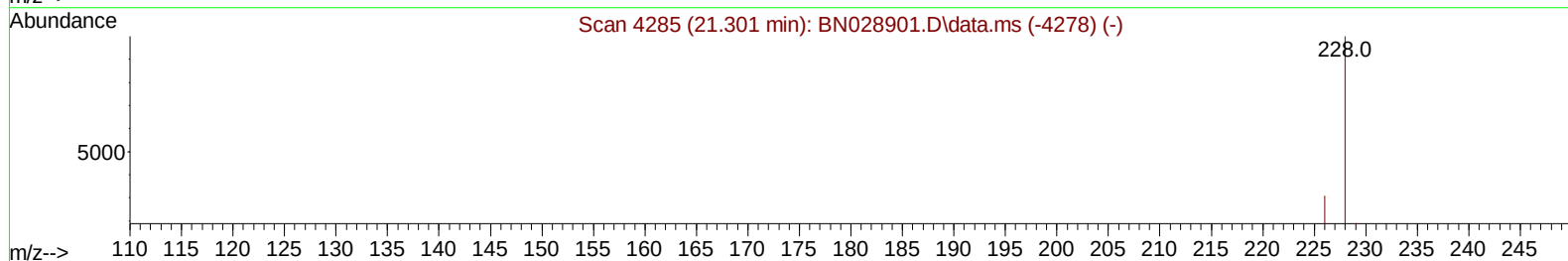
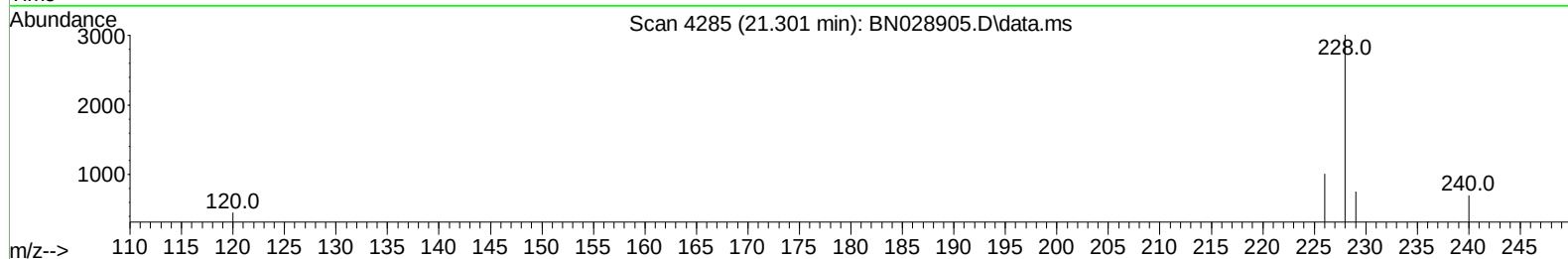
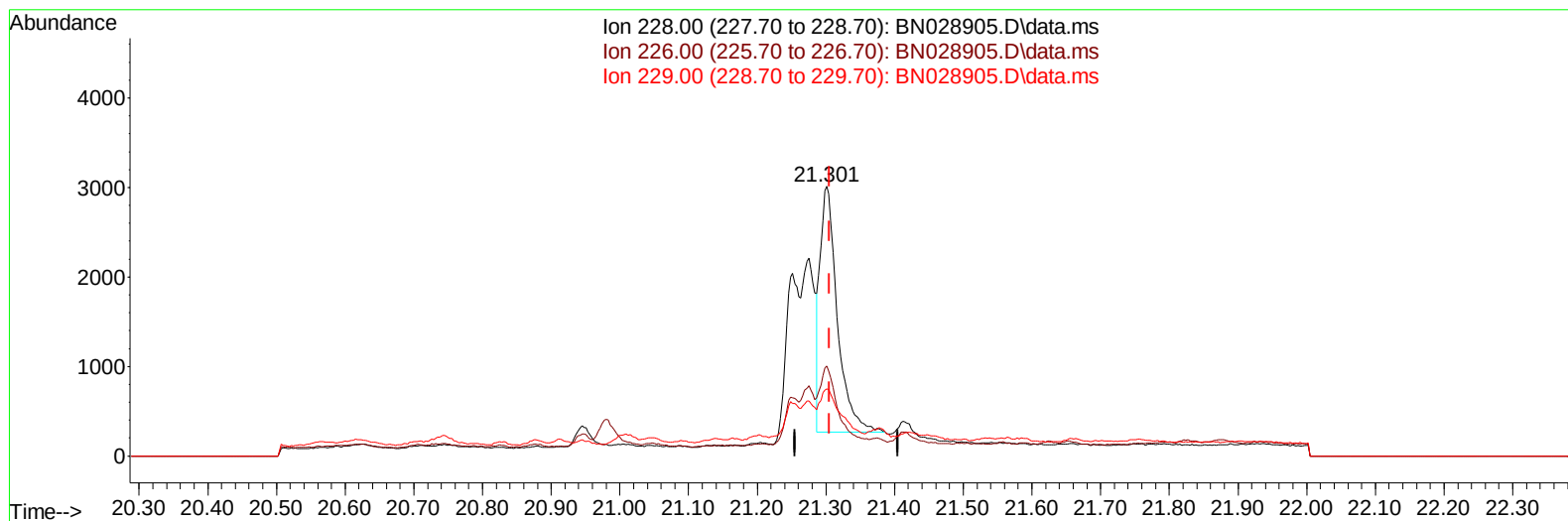
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028905.D\data.ms

(22) Chrysene

21.301min (-0.004) 0.12 ng/u1

response 4773

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	33.44
229.00	19.30	25.01#
0.00	0.00	0.00

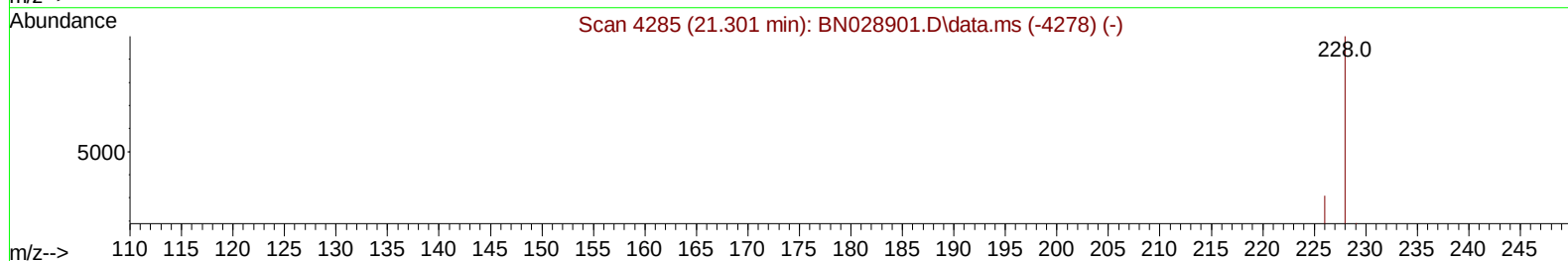
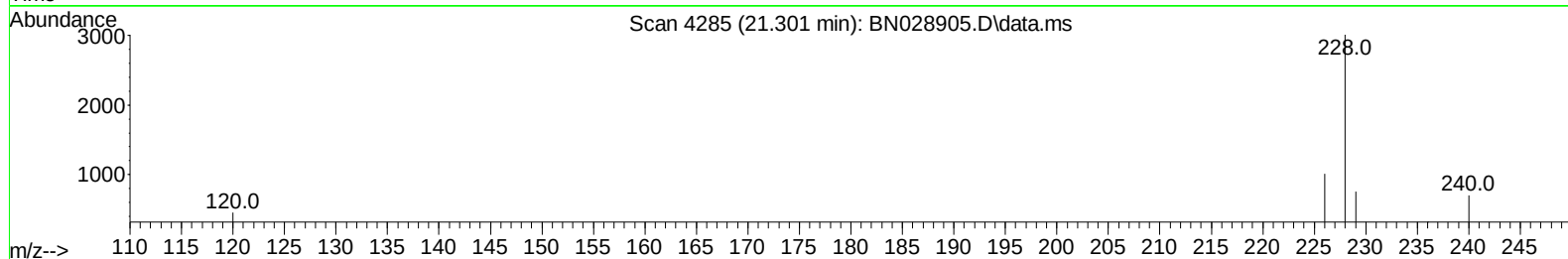
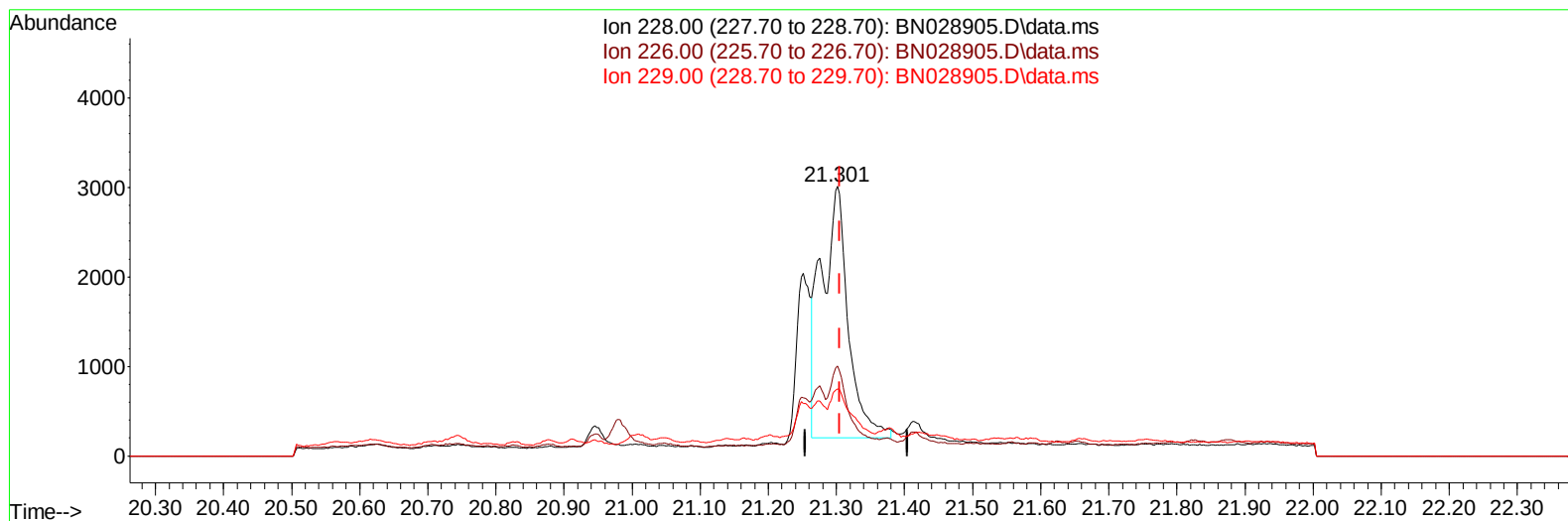
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
 Data File : BN028905.D
 Acq On : 28 Nov 2023 15:48
 Operator : MA/JU
 Sample : 05416-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4DL

Manual IntegrationsAPPROVED

Quant Time: Nov 28 16:24:56 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 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BN028905.D\data.ms

(22) Chrysene

21.301min (-0.004) 0.20 ng/ul m

response 7670

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	33.44
229.00	19.30	25.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.665	152		4432m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.429	136		15885	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164		8548	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188		14519	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.263	240		10098	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264		9957	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.099	96		4037	0.824	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.057	152		748m	0.031	ng/ul	-0.02
18) Fluoranthene-d10	19.089	212		1405	0.043	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.479	128		7648	0.172	ng/ul#	93
7) 2-Methylnaphthalene	12.118	142		7267m	0.248	ng/ul	
8) 1-Methylnaphthalene	12.321	142		6561	0.220	ng/ul	99
15) Phenanthrene	17.085	178		25607	0.574	ng/ul	98
19) Fluoranthene	19.117	202		9236	0.215	ng/ul#	95
20) Pyrene	19.475	202		8095	0.182	ng/ul#	89
21) Benzo(a)anthracene	21.252	228		2896m	0.073	ng/ul	
22) Chrysene	21.301	228		7670m	0.196	ng/ul	
24) Benzo(b)fluoranthene	22.853	252		5595m	0.150	ng/ul	
25) Benzo(k)fluoranthene	22.894	252		1898m	0.049	ng/ul	
26) Benzo(a)pyrene	23.432	252		2767	0.078	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.877	276		2380	0.061	ng/ul#	94
29) Benzo(g,h,i)perylene	26.578	276		2986	0.093	ng/ul#	72

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

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