

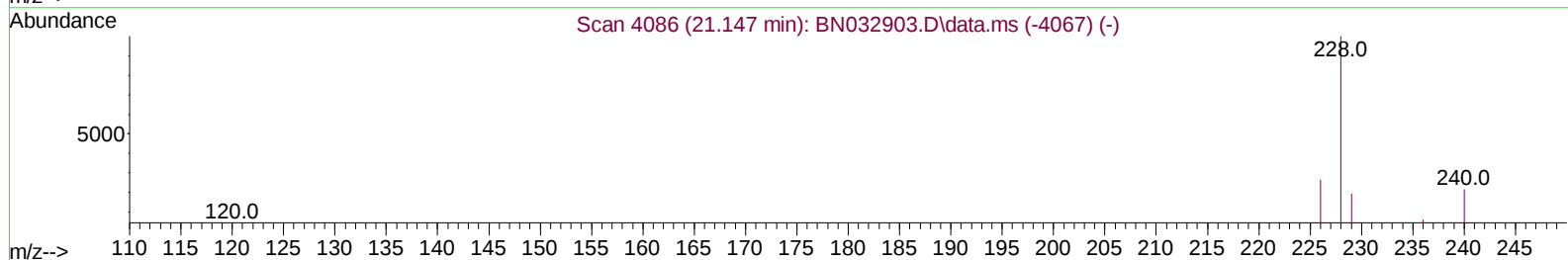
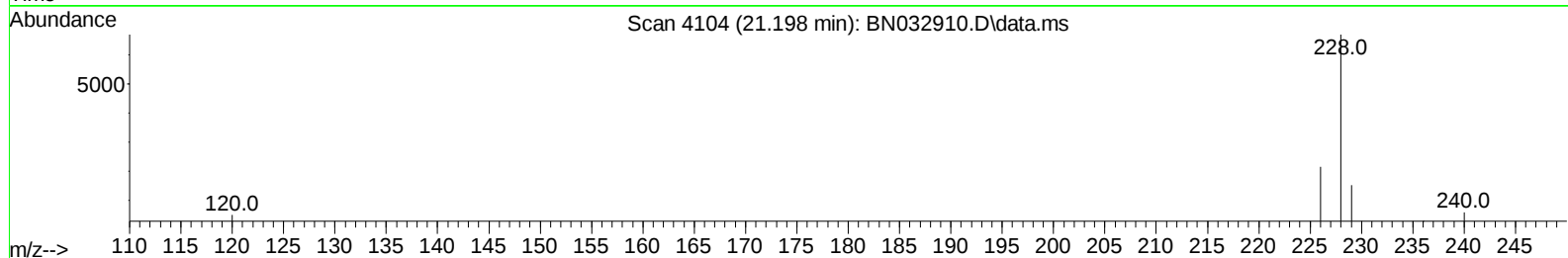
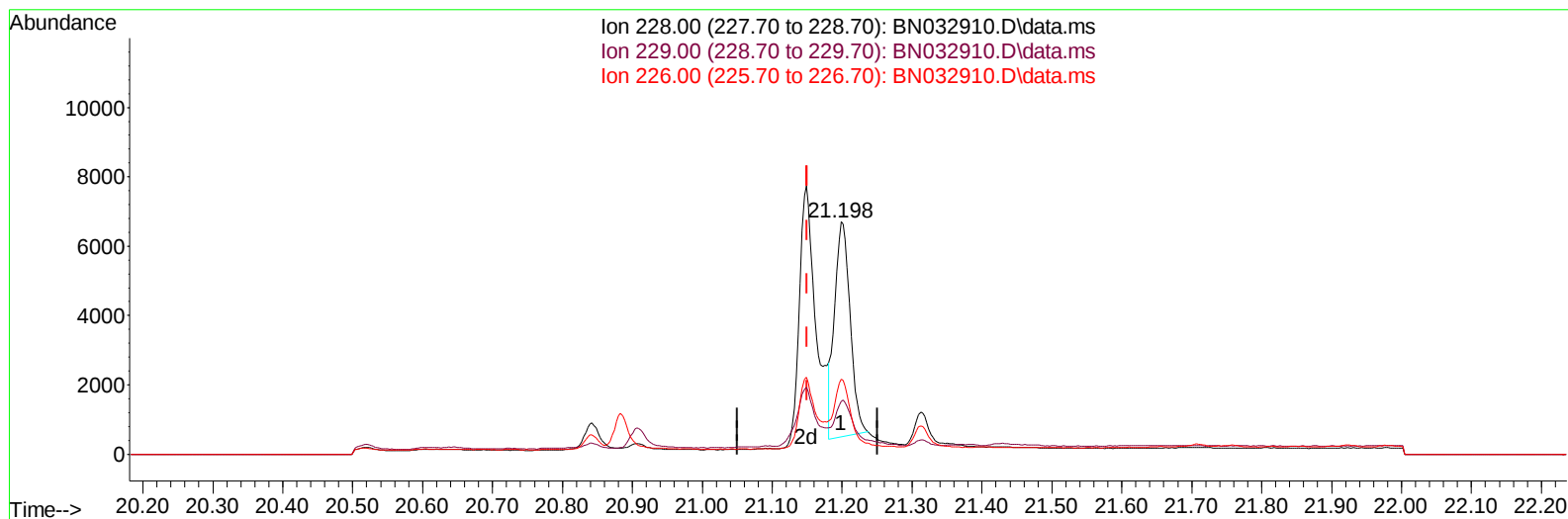
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032910.D
Acq On : 23 Jul 2024 14:43
Operator : MA/JU
Sample : P3178-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 23 15:17:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032910.D\data.ms

(21) Benzo(a)anthracene

21.198min (+ 0.048) 0.25 ng/u1

response 9570

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	22.88
226.00	27.40	32.16
0.00	0.00	0.00

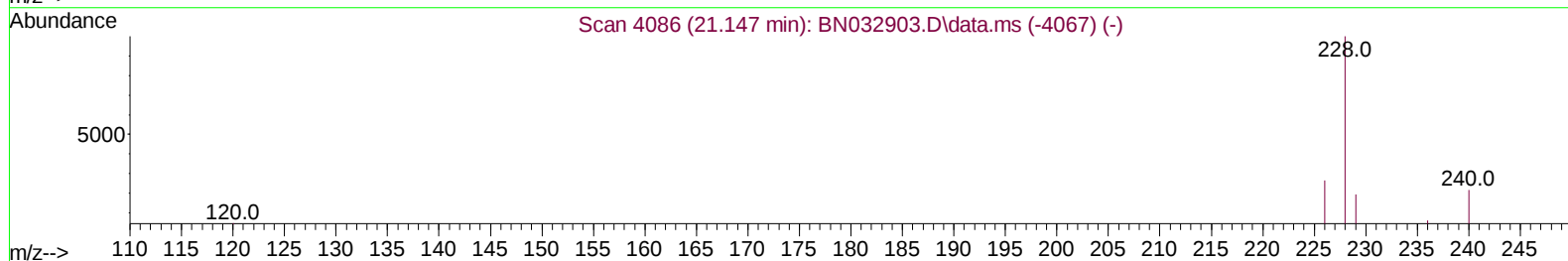
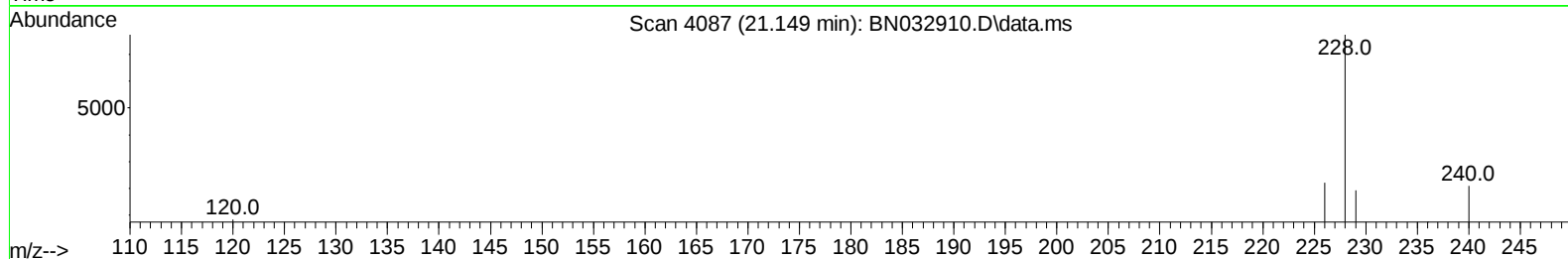
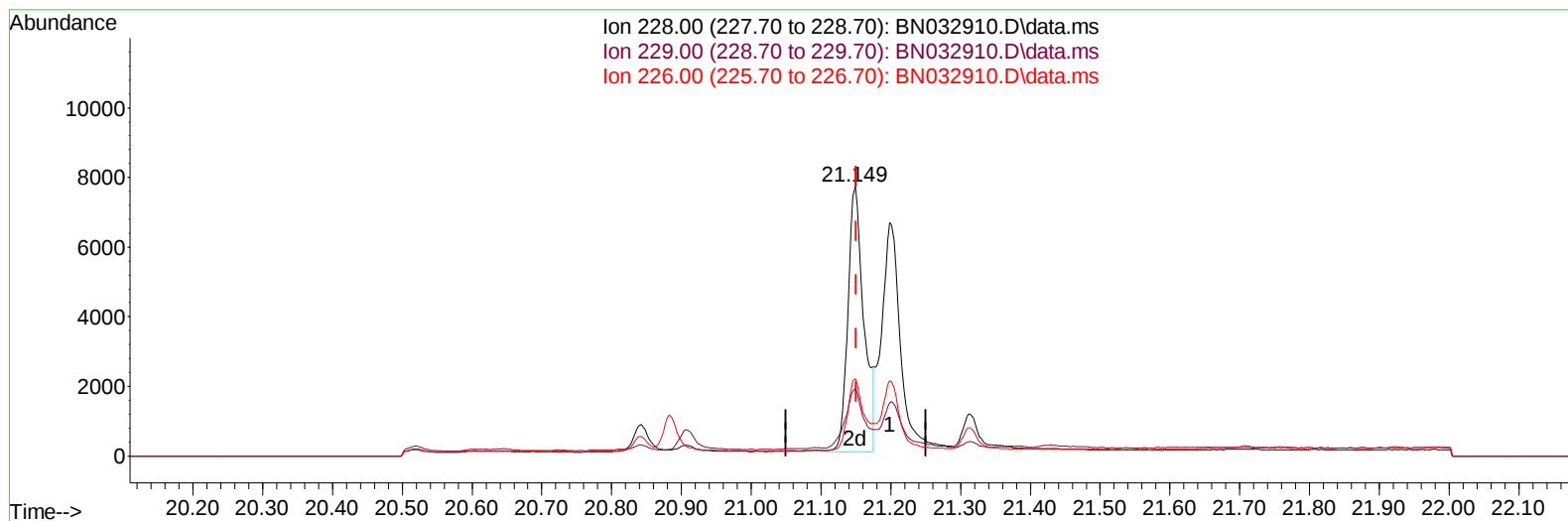
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032910.D\data.ms

(21) Benzo(a)anthracene

21.149min (-0.002) 0.31 ng/u1 m

response 12108

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	24.83#
226.00	27.40	28.59
0.00	0.00	0.00

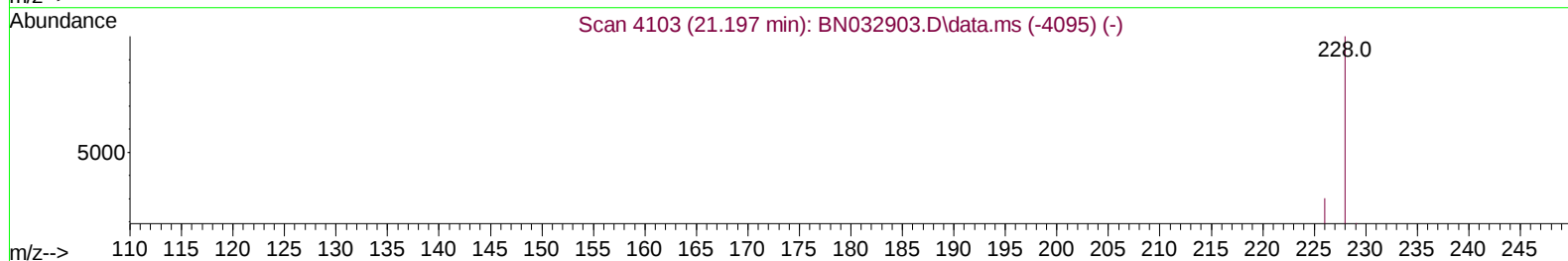
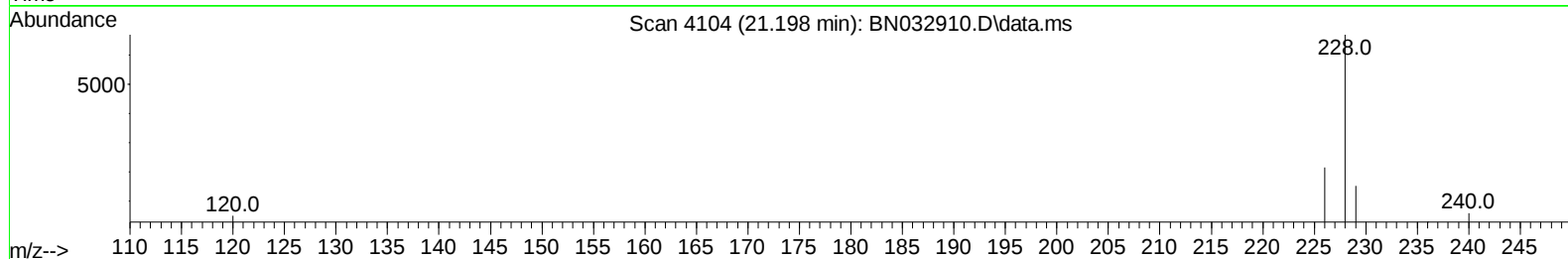
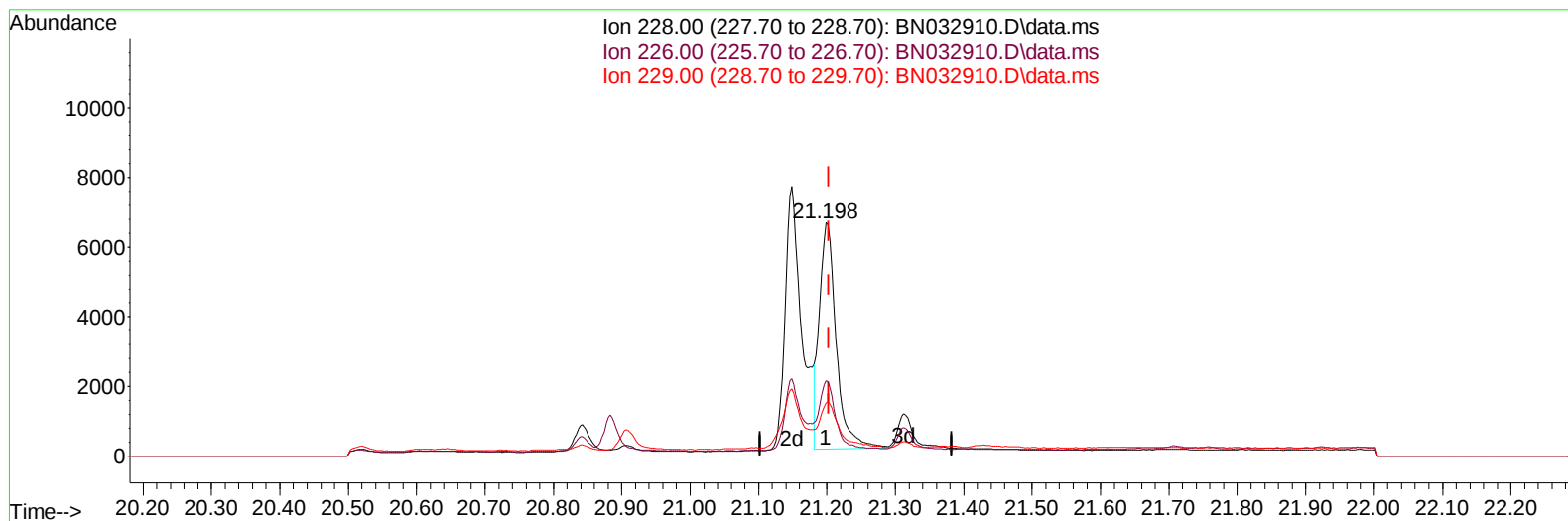
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN032910.D\data.ms

(22) Chrysene

21.198min (-0.004) 0.20 ng/u1

response 11209

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.16
229.00	19.70	22.88
0.00	0.00	0.00

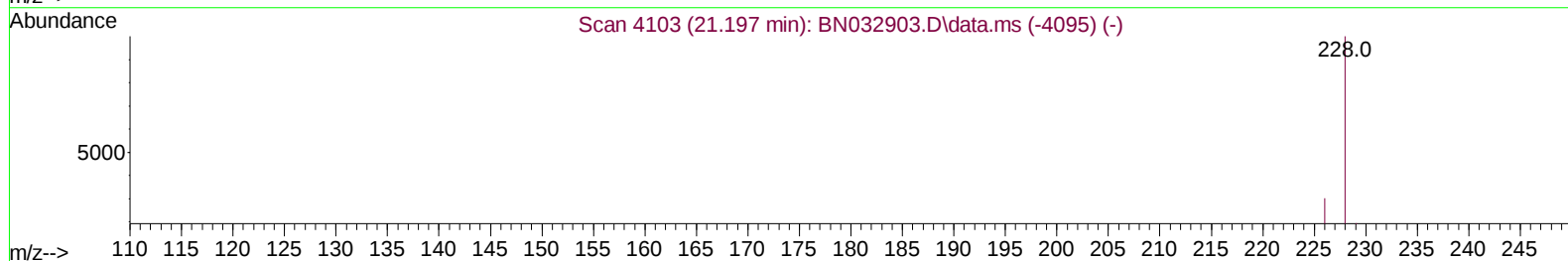
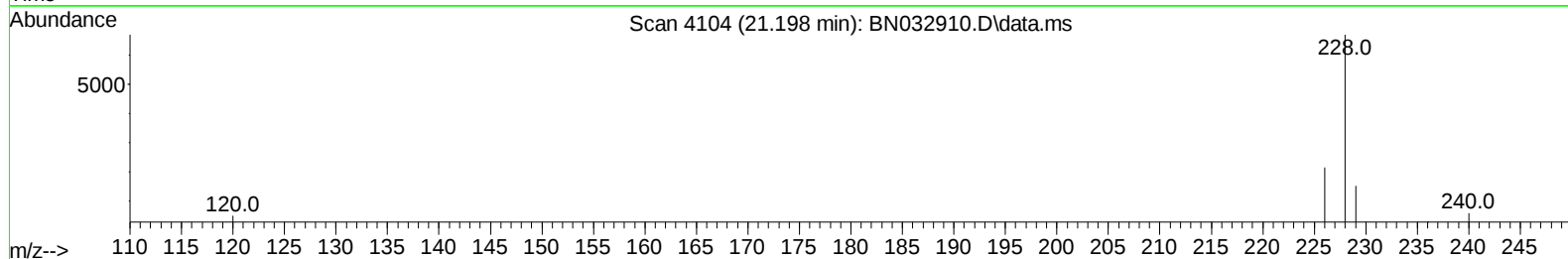
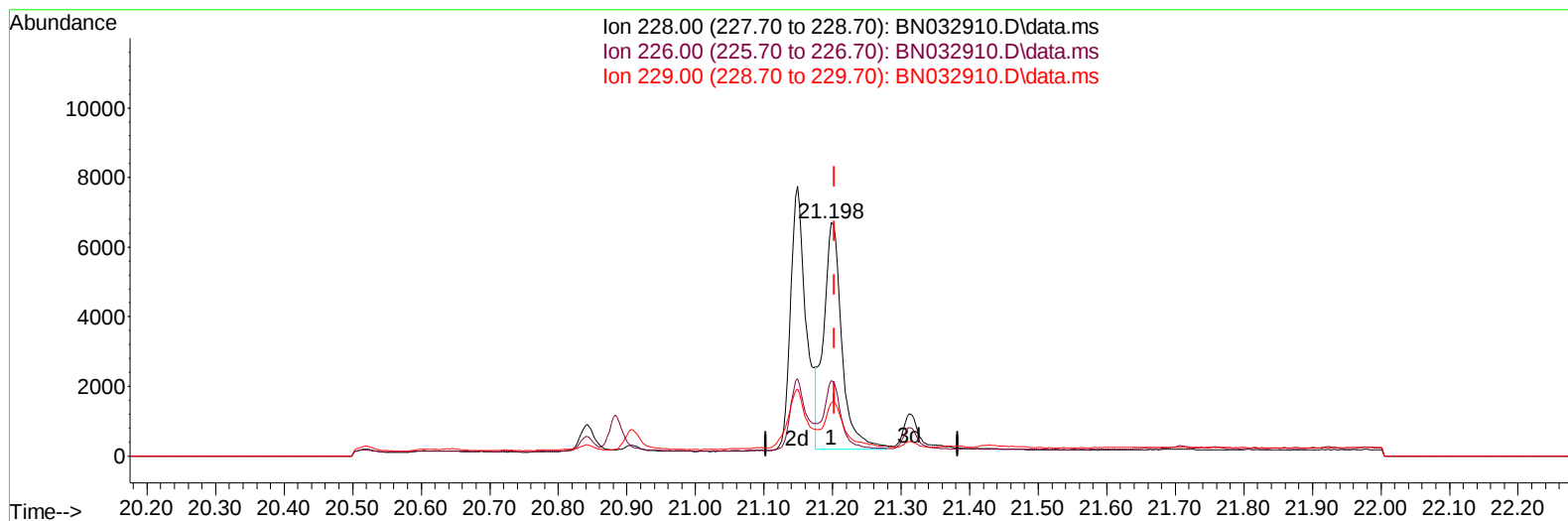
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032910.D
Acq On : 23 Jul 2024 14:43
Operator : MA/JU
Sample : P3178-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032910.D\data.ms

(22) Chrysene

21.198min (-0.004) 0.21 ng/u1 m

response 12020

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.16
229.00	19.70	22.88
0.00	0.00	0.00

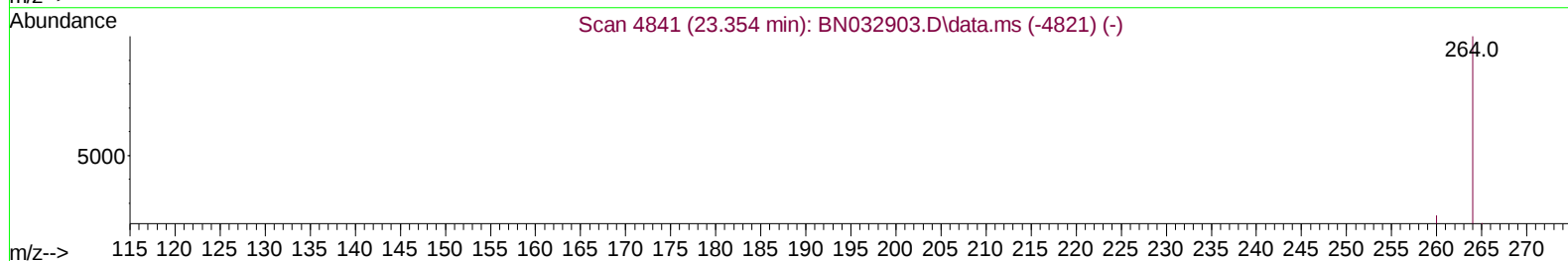
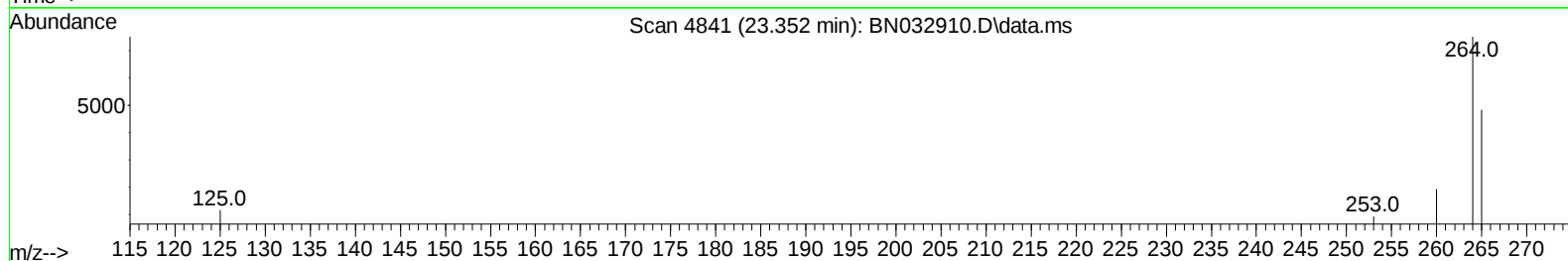
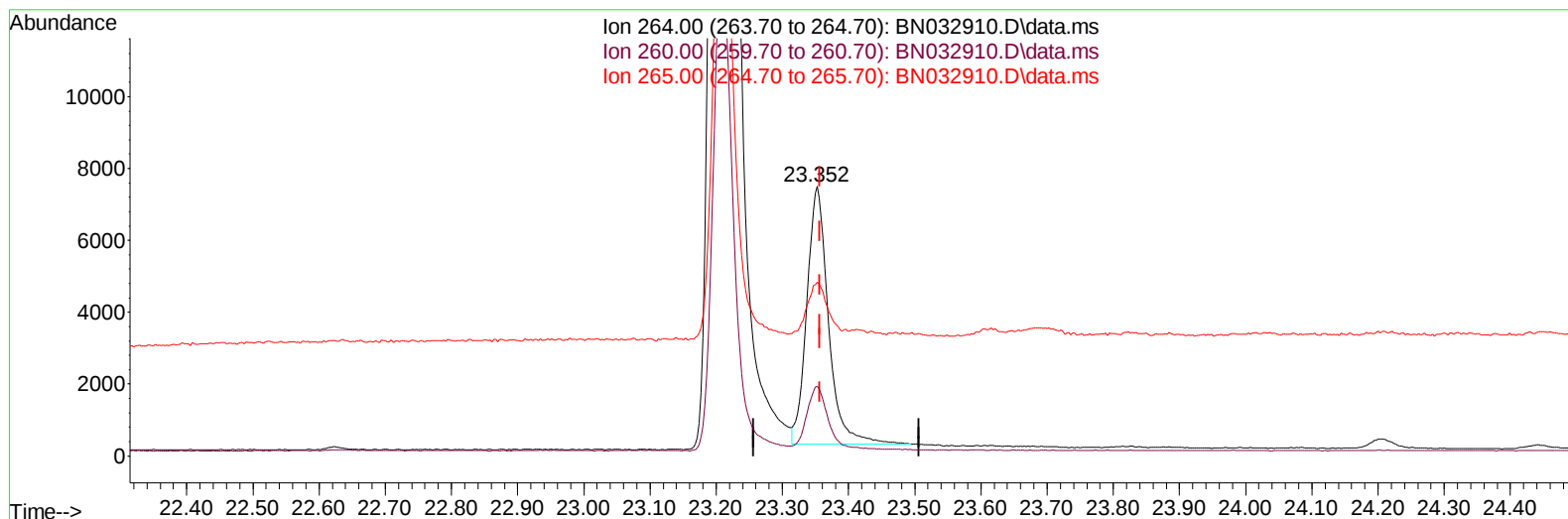
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032910.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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TIC: BN032910.D\data.ms

(23) Perylene-d12 (I)

23.352min (-0.004) 0.40 ng/u1

response 16114

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	25.85
265.00	95.50	64.47#
0.00	0.00	0.00

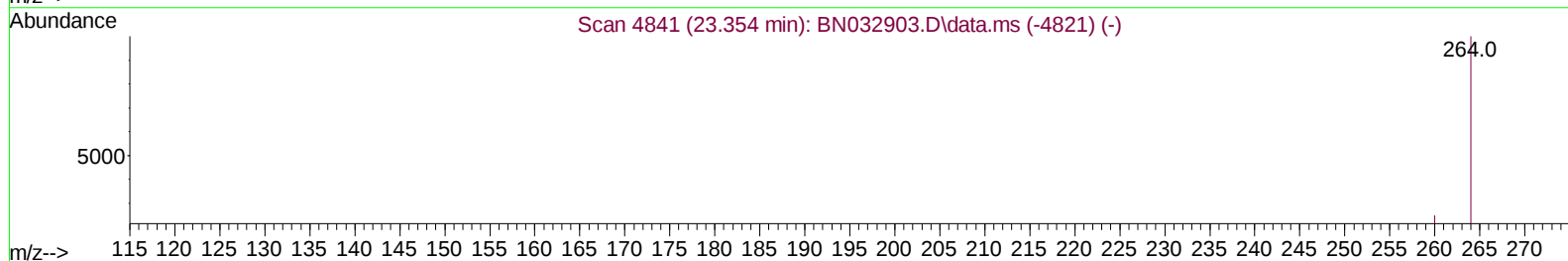
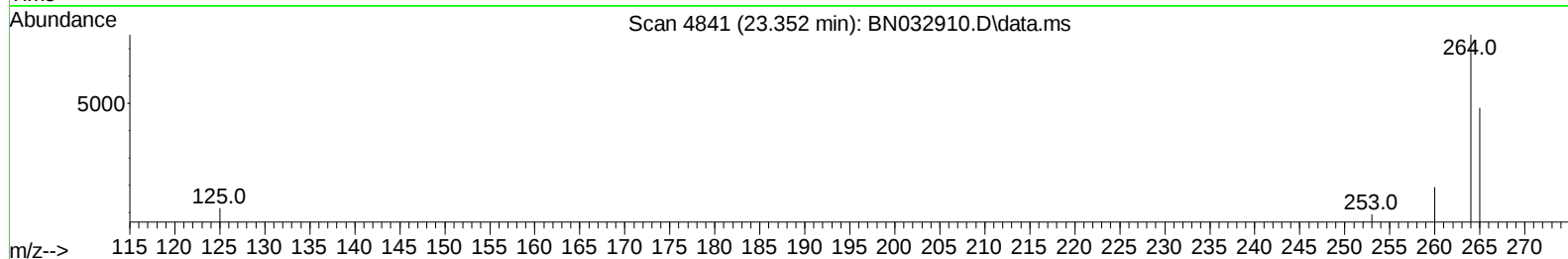
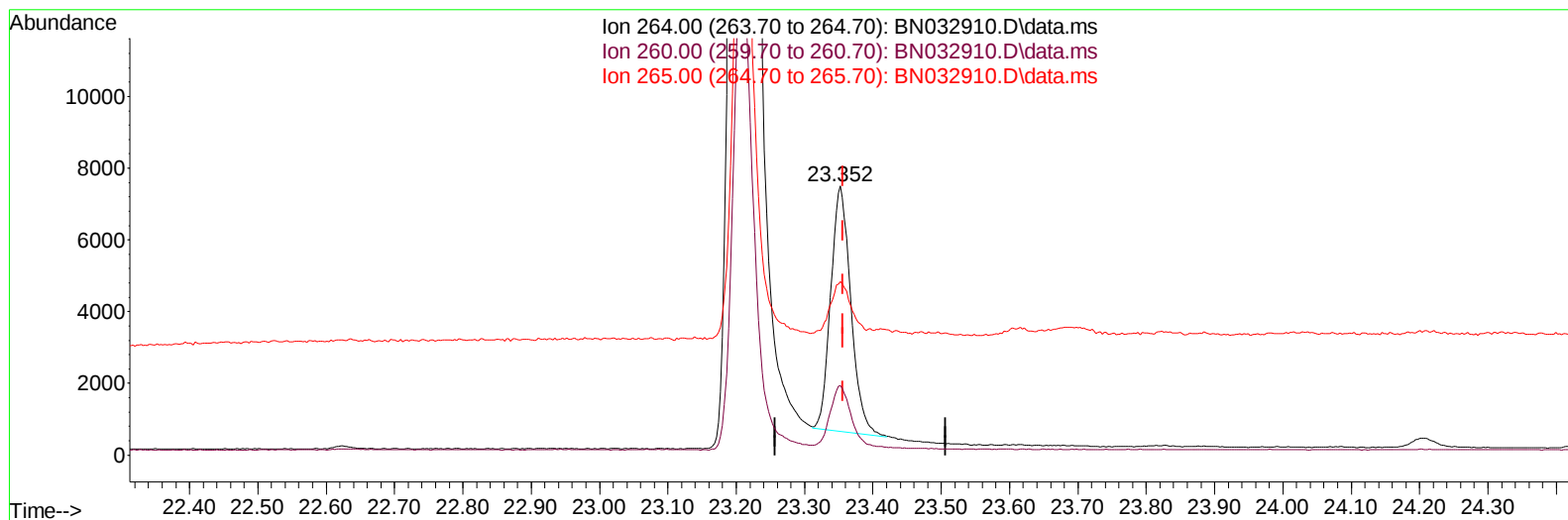
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032910.D
Acq On : 23 Jul 2024 14:43
Operator : MA/JU
Sample : P3178-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 23 15:17:50 2024
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TIC: BN032910.D\data.ms

(23) Perylene-d12 (I)

23.352min (-0.004) 0.40 ng/ul m

response 13960

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	25.85
265.00	95.50	64.47#
0.00	0.00	0.00

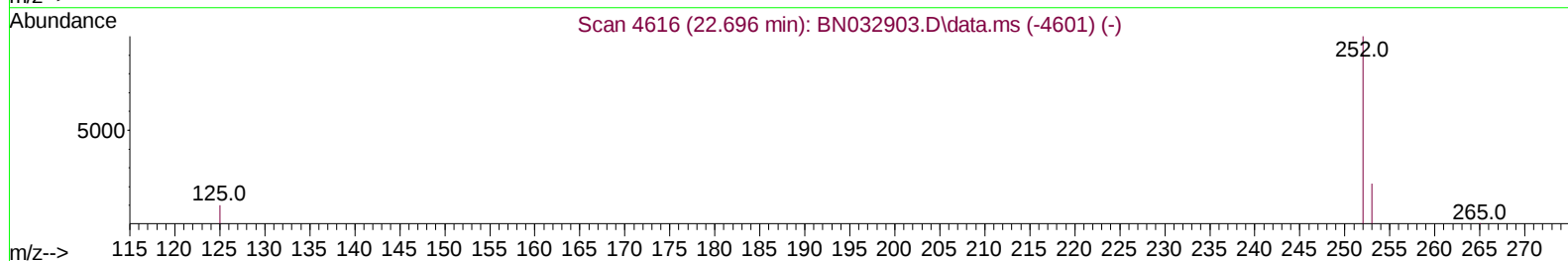
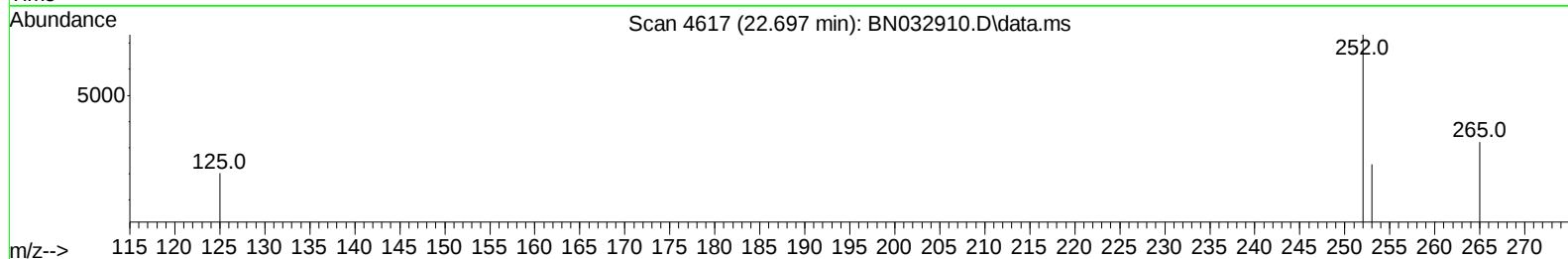
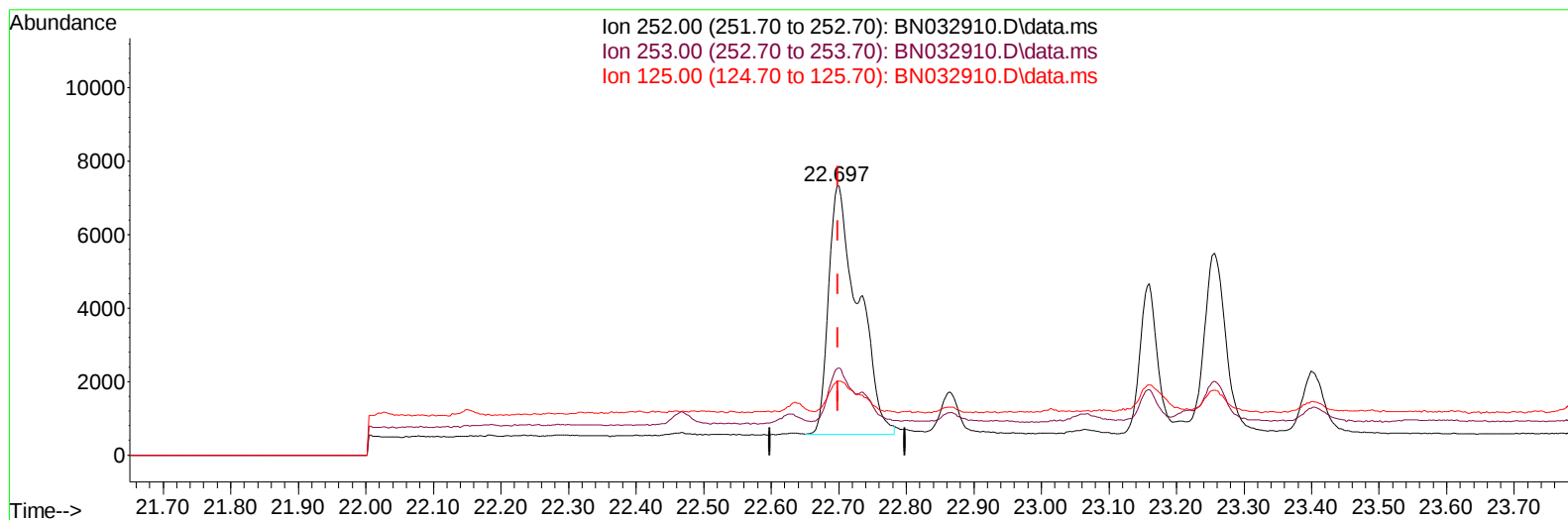
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Sample : P3178-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN032910.D\data.ms

(24) Benzo(b)fluoranthene

22.697min (-0.002) 0.42 ng/u1

response 20631

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.22
125.00	18.00	27.59
0.00	0.00	0.00

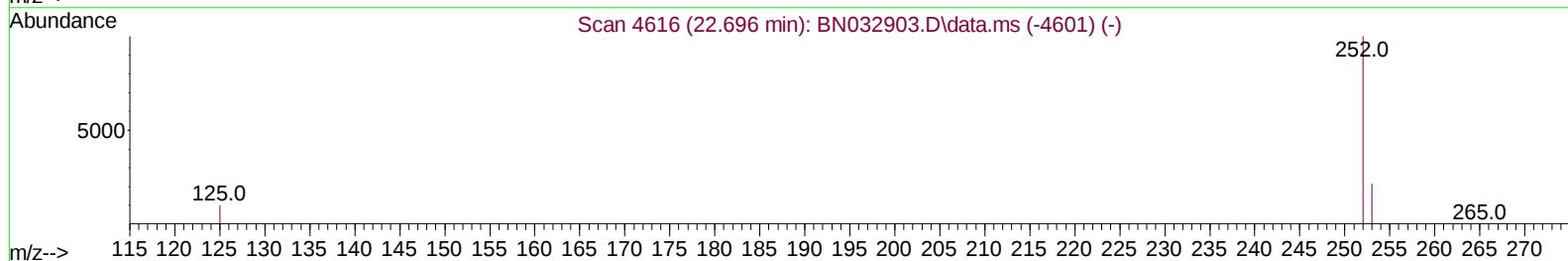
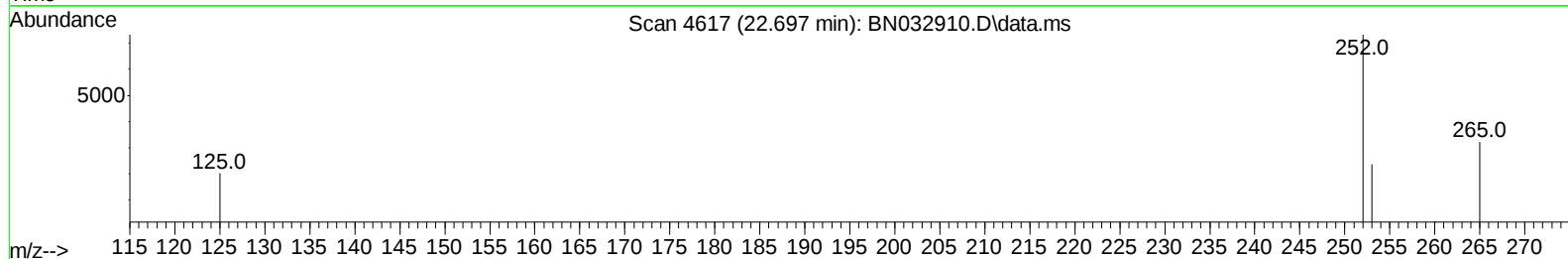
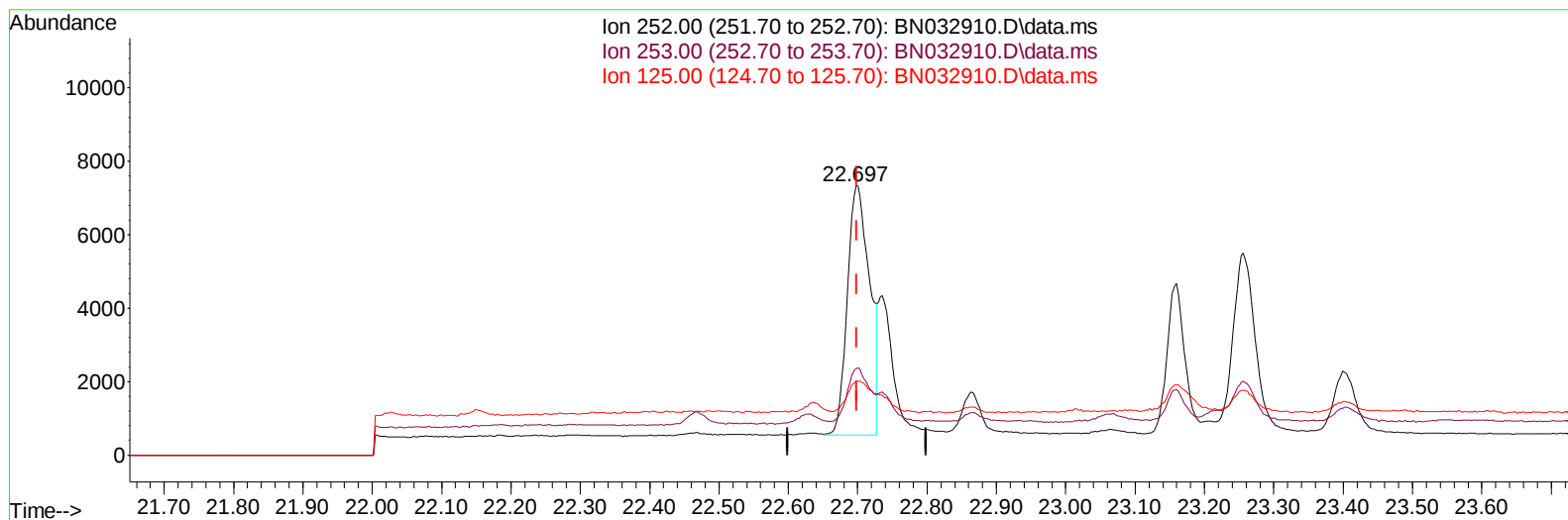
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032910.D
Acq On : 23 Jul 2024 14:43
Operator : MA/JU
Sample : P3178-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 15:17:50 2024
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TIC: BN032910.D\data.ms

(24) Benzo(b)fluoranthene

22.697min (-0.002) 0.31 ng/u1 m

response 15202

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.22
125.00	18.00	27.59
0.00	0.00	0.00

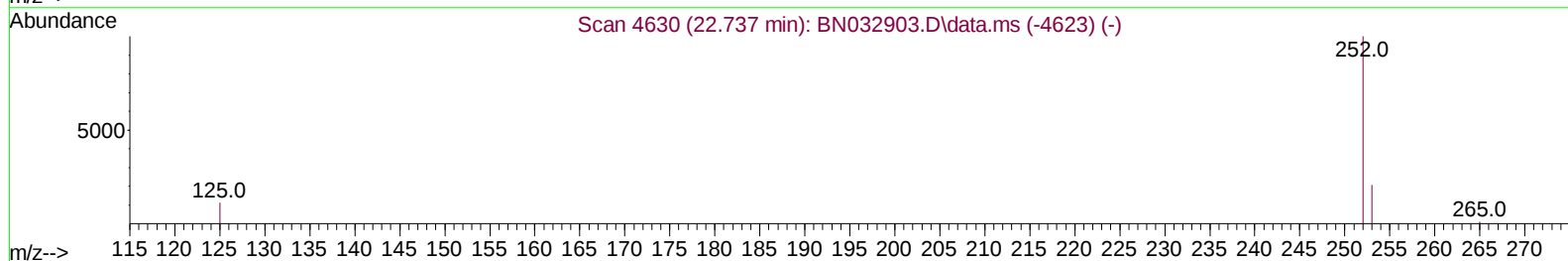
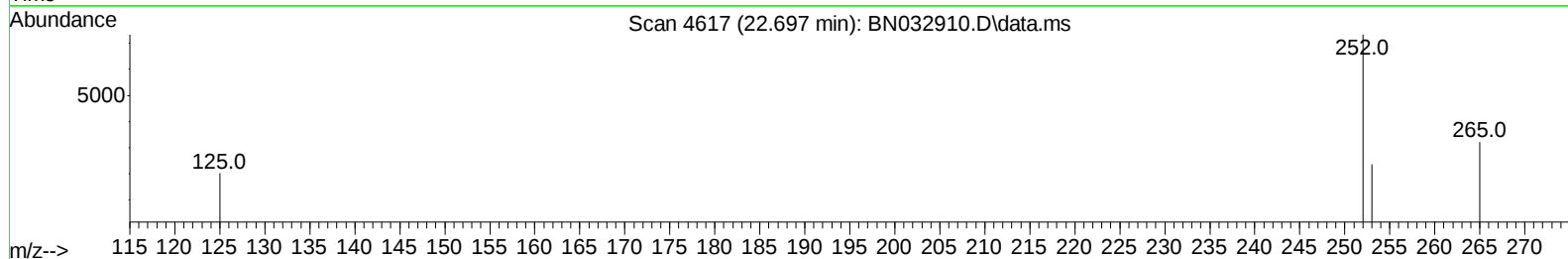
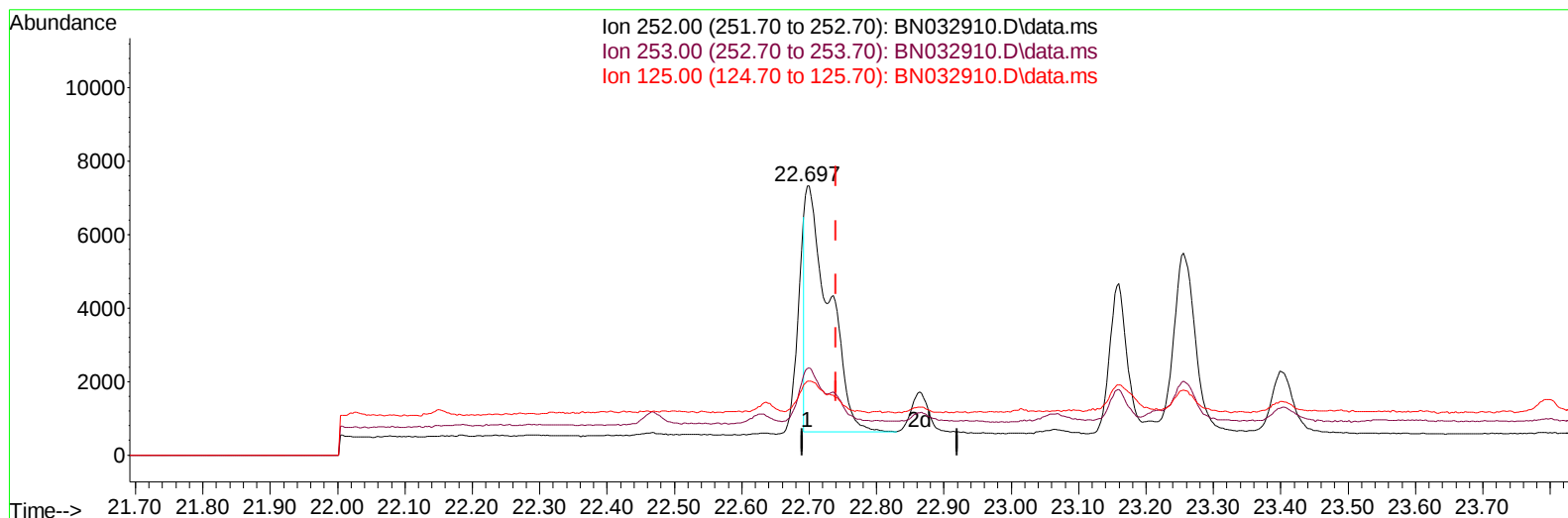
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032910.D\data.ms

(25) Benzo(k)fluoranthene

22.697min (-0.042) 0.27 ng/u1

response 16260

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	32.22#
125.00	18.50	27.59#
0.00	0.00	0.00

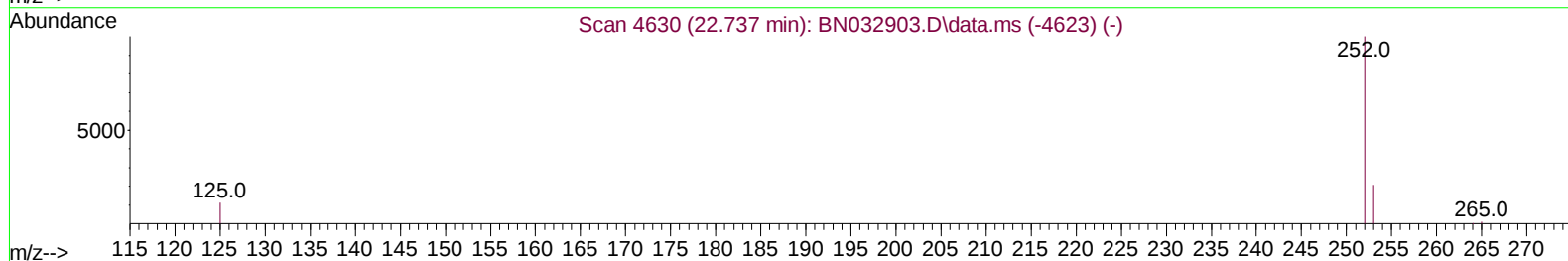
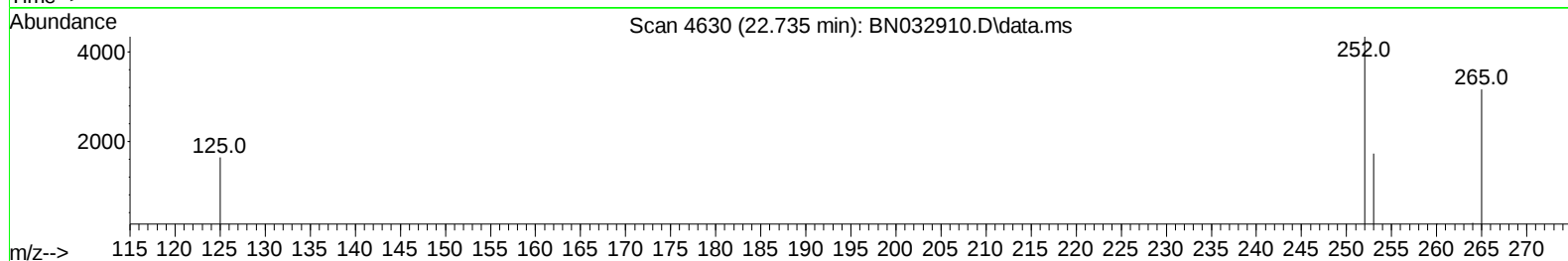
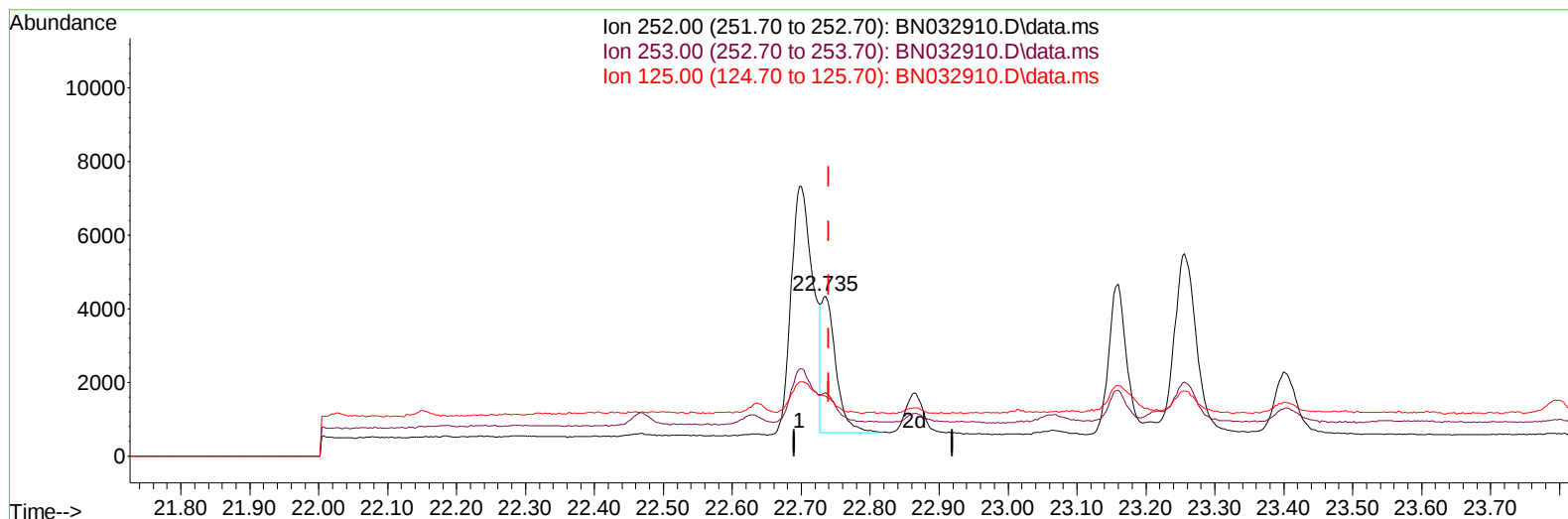
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TIC: BN032910.D\data.ms

(25) Benzo(k)fluoranthene

22.735min (-0.004) 0.09 ng/u1 m

response 5481

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	39.63#
125.00	18.50	37.65#
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	7.523	152		5154	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.298	136		17090	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.178	164		10230	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188		16064	0.400	ng/ul	-0.02
17) Chrysene-d12	21.163	240		12239	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264		13960m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.084	96		2981	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152		917	0.036	ng/ul	-0.01
18) Fluoranthene-d10	18.984	212		1422	0.036	ng/ul	-0.01
Target Compounds							
							Qvalue
5) Naphthalene	10.348	128		3551	0.077	ng/ul#	95
7) 2-Methylnaphthalene	11.986	142		1156	0.040	ng/ul	97
8) 1-Methylnaphthalene	12.206	142		733	0.025	ng/ul	95
11) Acenaphthene	14.238	153		4158	0.122	ng/ul	99
12) Fluorene	15.242	166		4108	0.105	ng/ul	99
15) Phenanthrene	16.981	178		36386	0.832	ng/ul	99
16) Anthracene	17.074	178		6612	0.185	ng/ul#	91
19) Fluoranthene	19.011	202		33354	0.670	ng/ul	99
20) Pyrene	19.379	202		26678	0.518	ng/ul	100
21) Benzo(a)anthracene	21.149	228		12108m	0.311	ng/ul	
22) Chrysene	21.198	228		12020m	0.213	ng/ul	
24) Benzo(b)fluoranthene	22.697	252		15202m	0.309	ng/ul	
25) Benzo(k)fluoranthene	22.735	252		5481m	0.091	ng/ul	
26) Benzo(a)pyrene	23.256	252		10679	0.251	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.571	276		7303	0.127	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.568	278		1868	0.042	ng/ul#	1
29) Benzo(g,h,i)perylene	26.252	276		7229	0.150	ng/ul#	84

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

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