

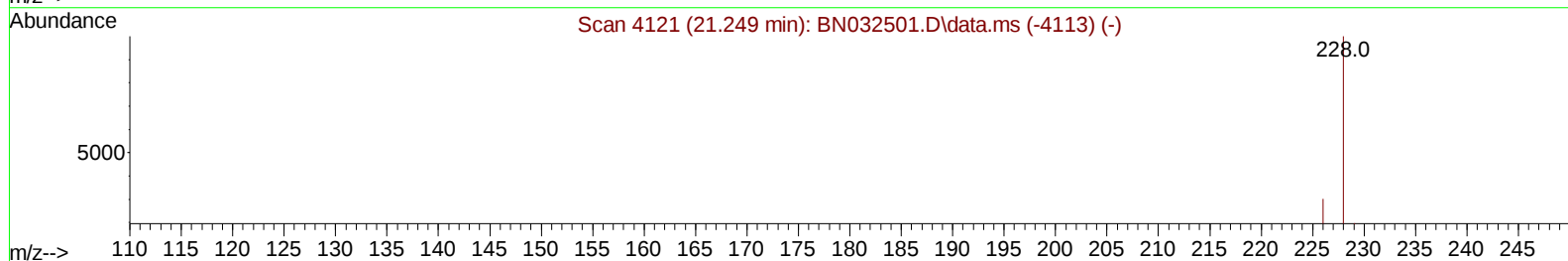
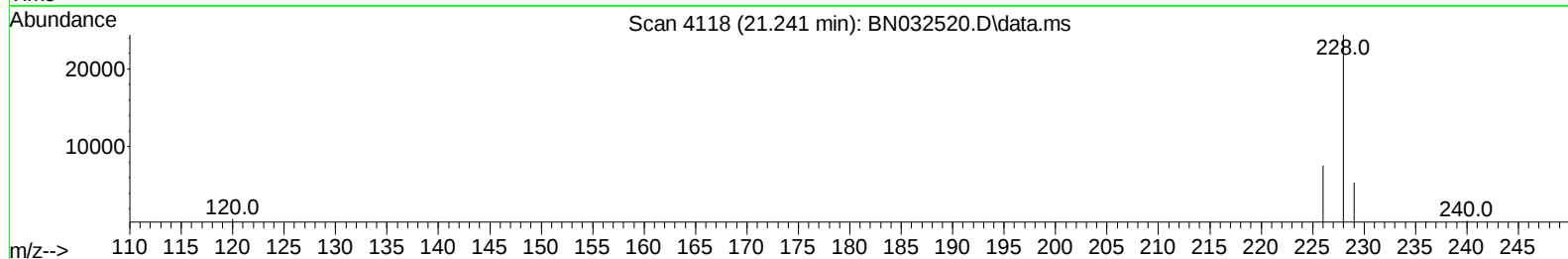
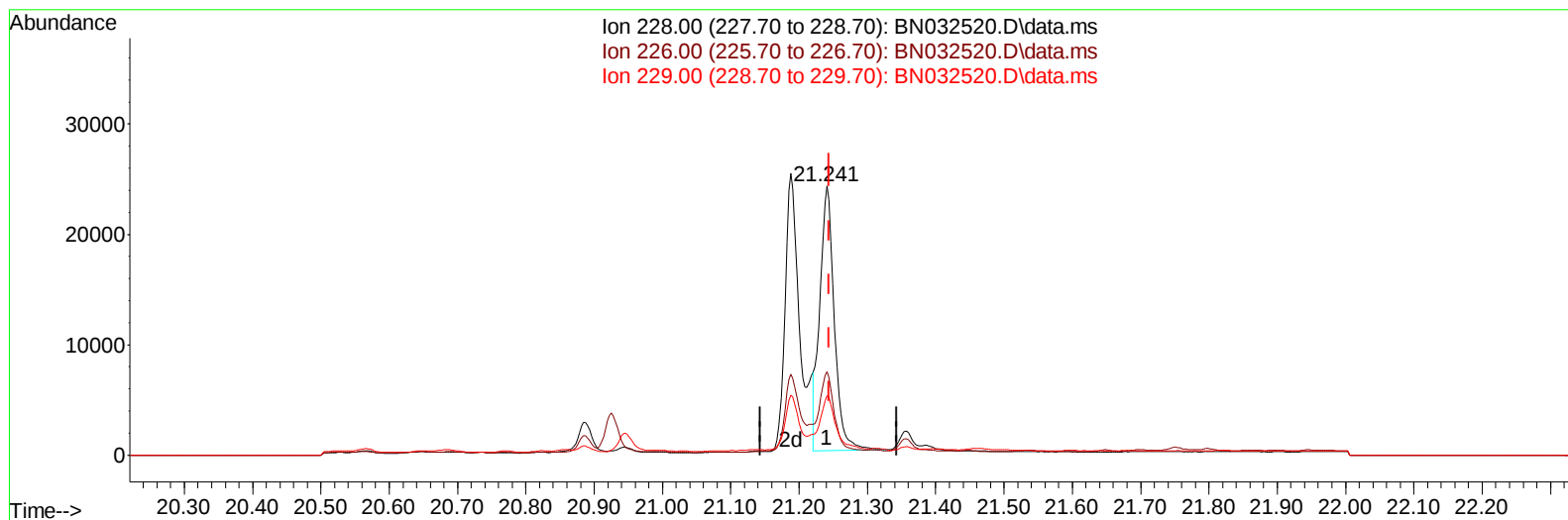
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032520.D
Acq On : 05 Jul 2024 22:31
Operator : MA/JU
Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



TIC: BN032520.D\data.ms

(22) Chrysene

21.241min (-0.003) 0.60 ng/u1

response 35575

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.12
229.00	19.60	21.97
0.00	0.00	0.00

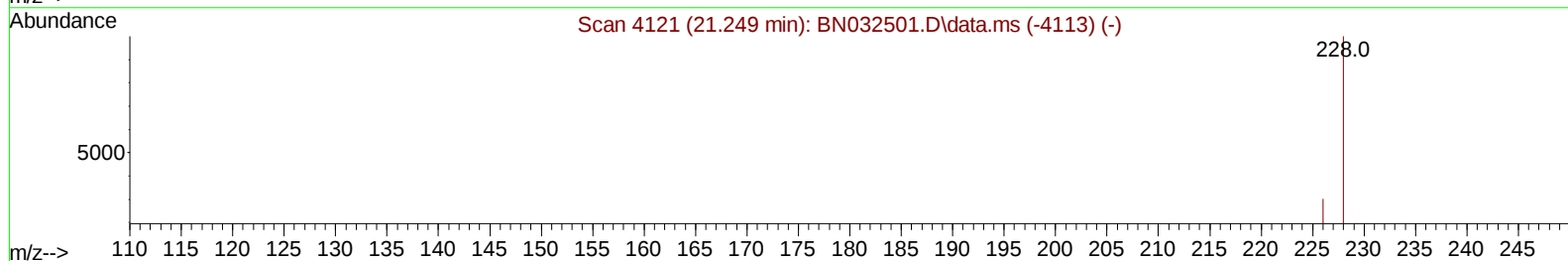
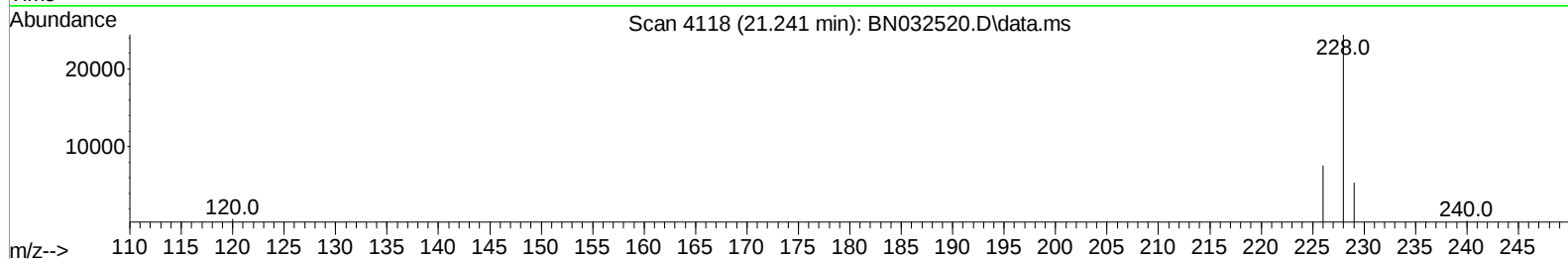
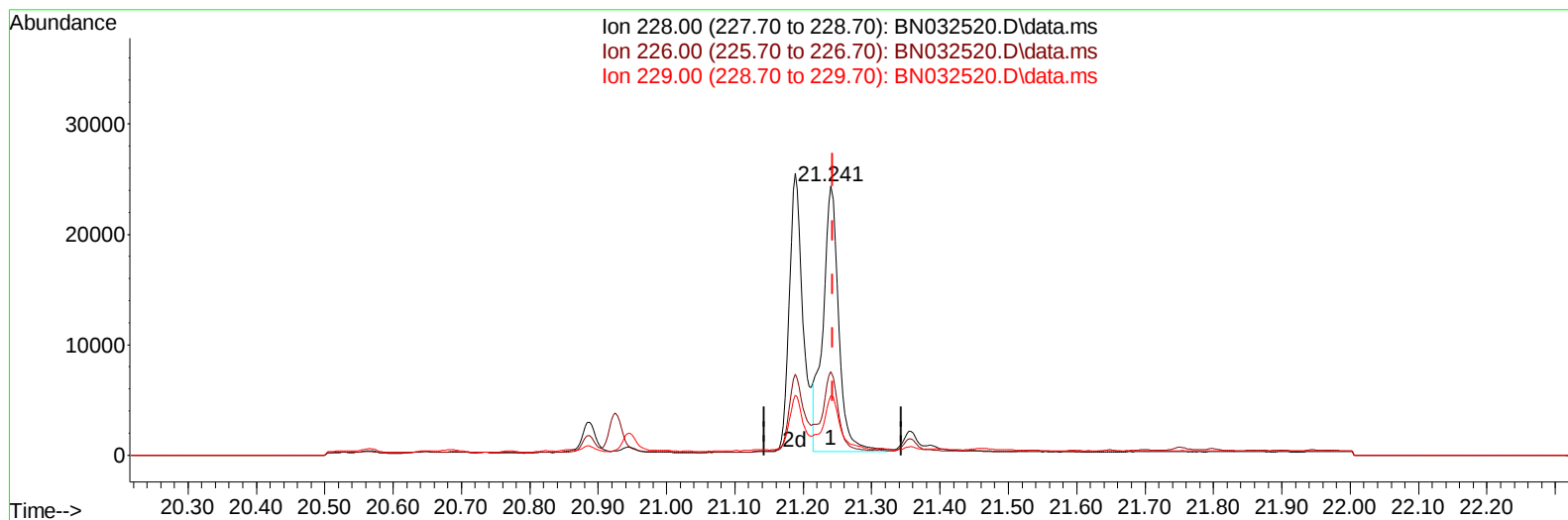
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TIC: BN032520.D\data.ms

(22) Chrysene

21.241min (-0.003) 0.65 ng/ul m

response 38638

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.12
229.00	19.60	21.97
0.00	0.00	0.00

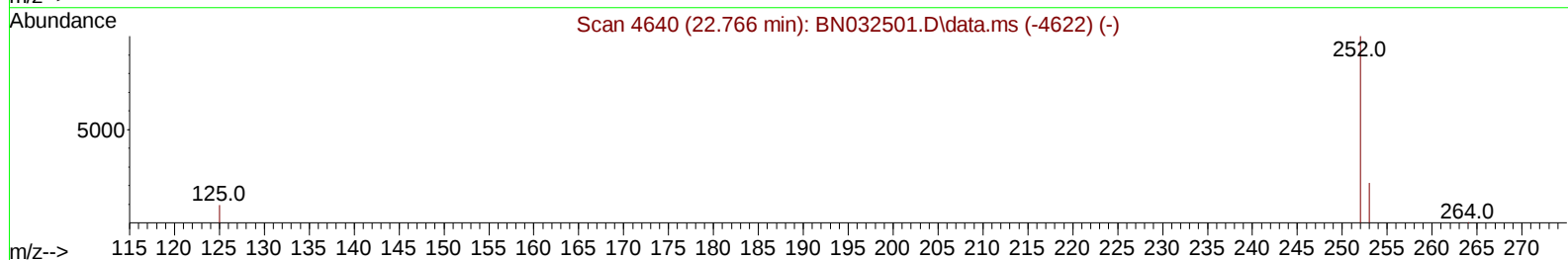
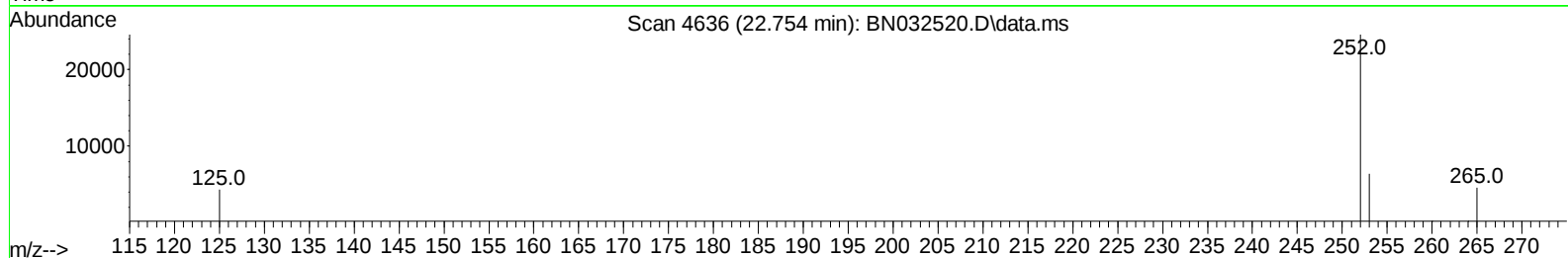
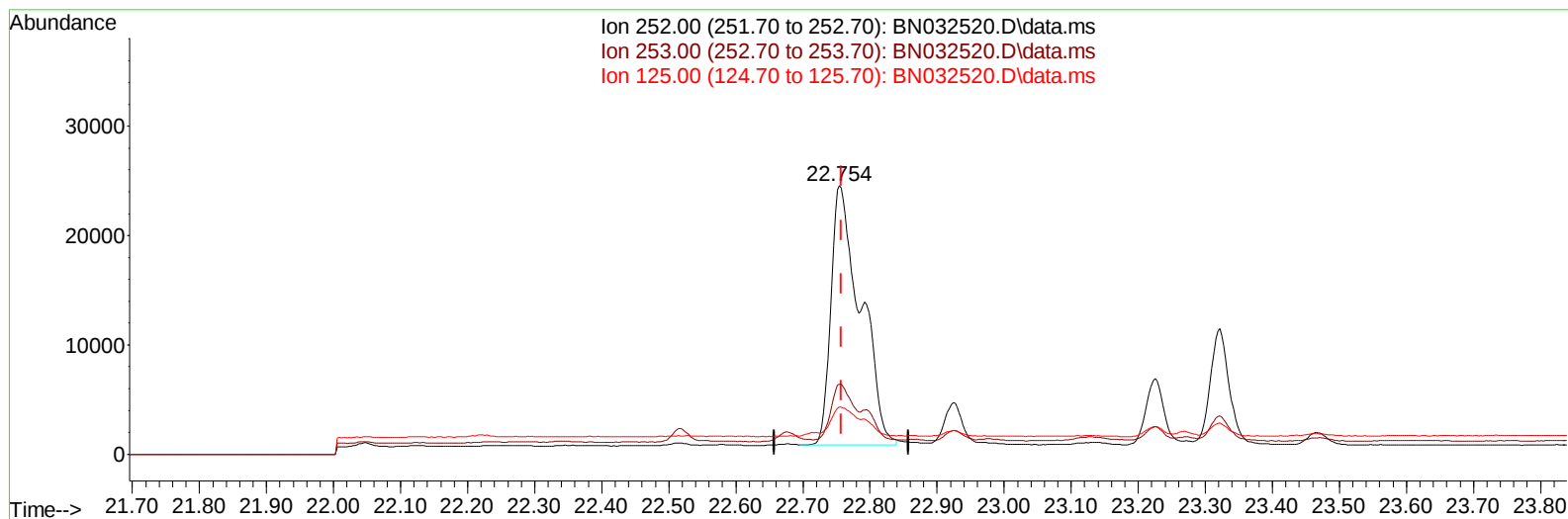
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Instrument :
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TIC: BN032520.D\data.ms

(24) Benzo(b)fluoranthene

22.754min (-0.003) 0.91 ng/u1

response 72822

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	26.06
125.00	16.00	17.53
0.00	0.00	0.00

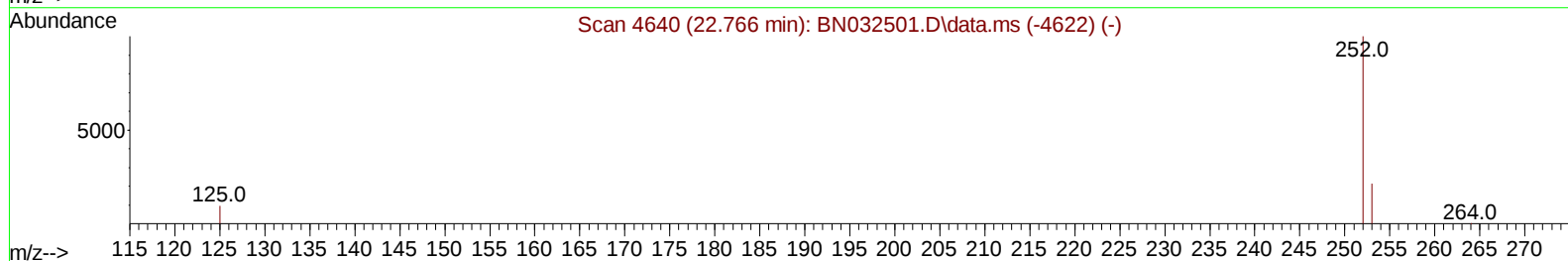
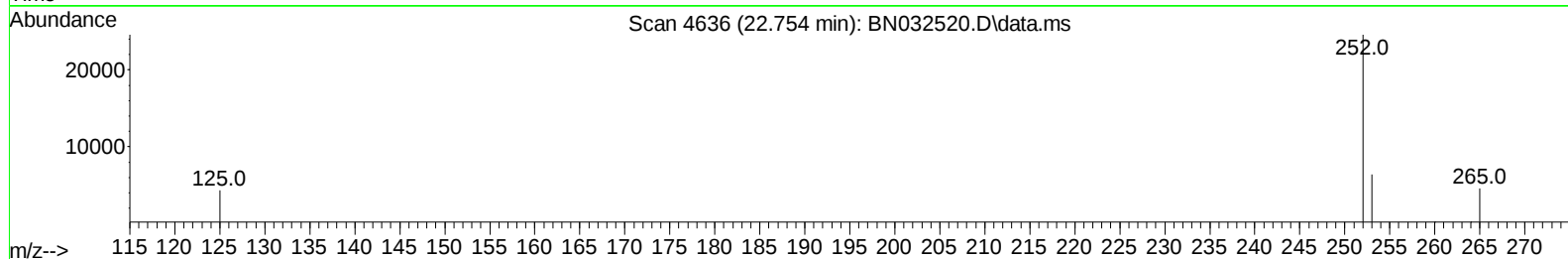
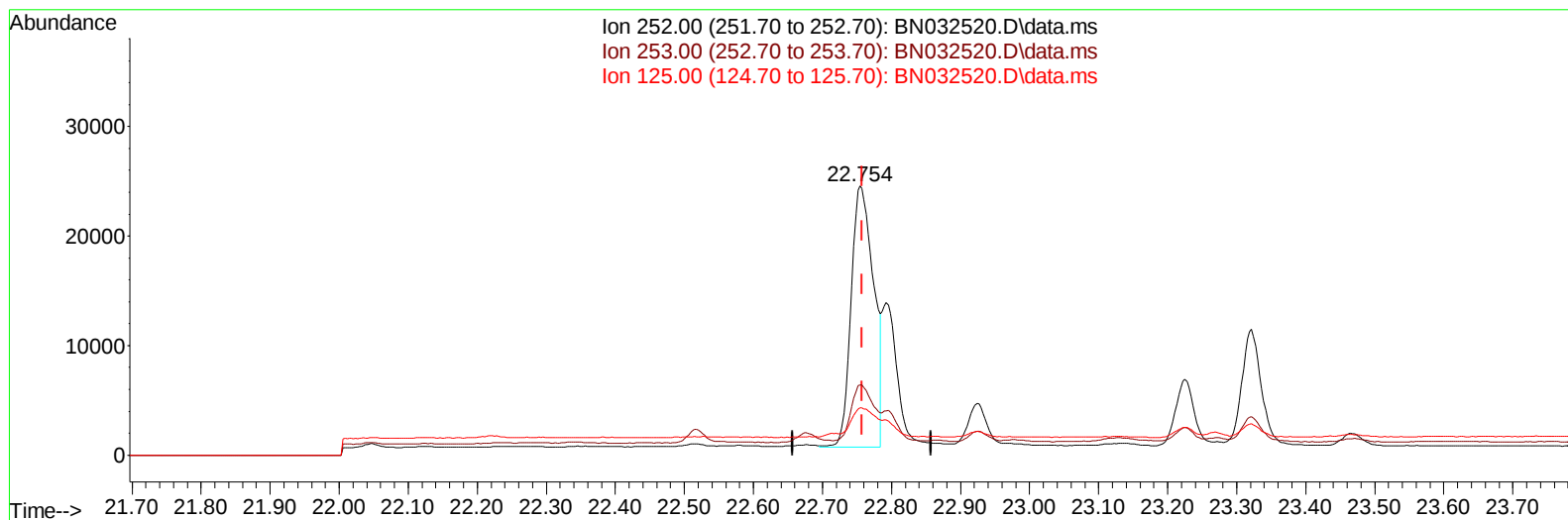
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Data File : BN032520.D
Acq On : 05 Jul 2024 22:31
Operator : MA/JU
Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT3DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/08/2024



TIC: BN032520.D\data.ms

(24) Benzo(b)fluoranthene

22.754min (-0.003) 0.67 ng/u1 m

response 53747

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	26.06
125.00	16.00	17.53
0.00	0.00	0.00

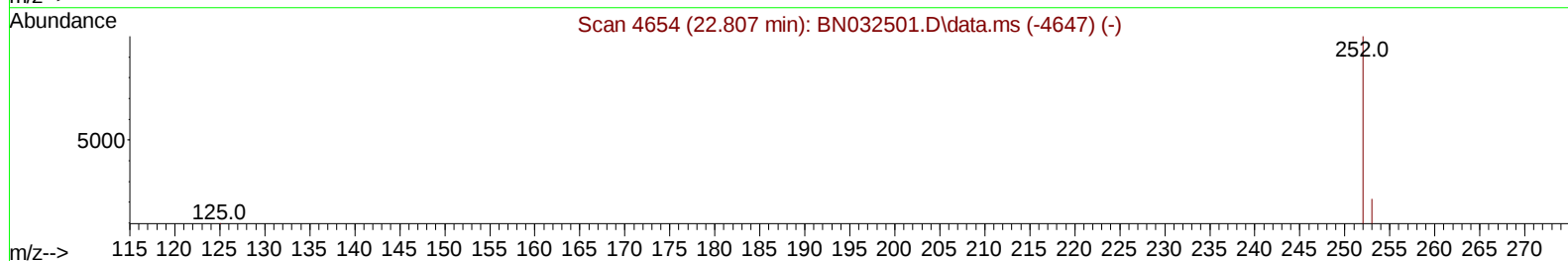
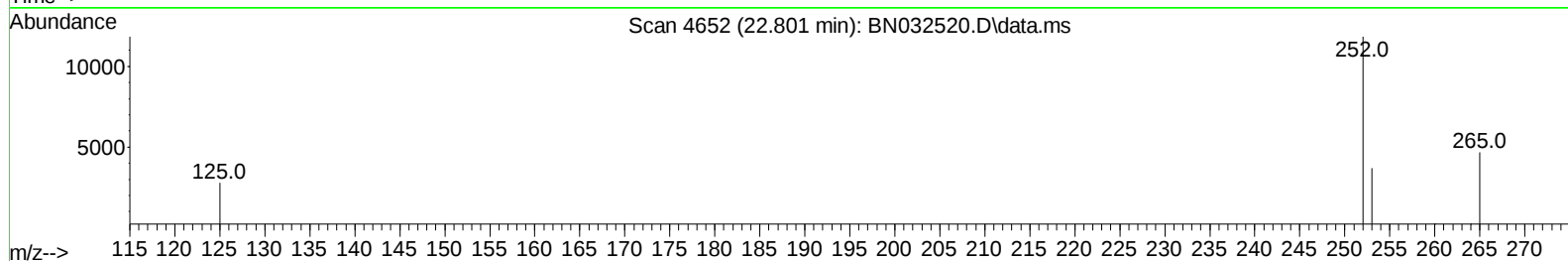
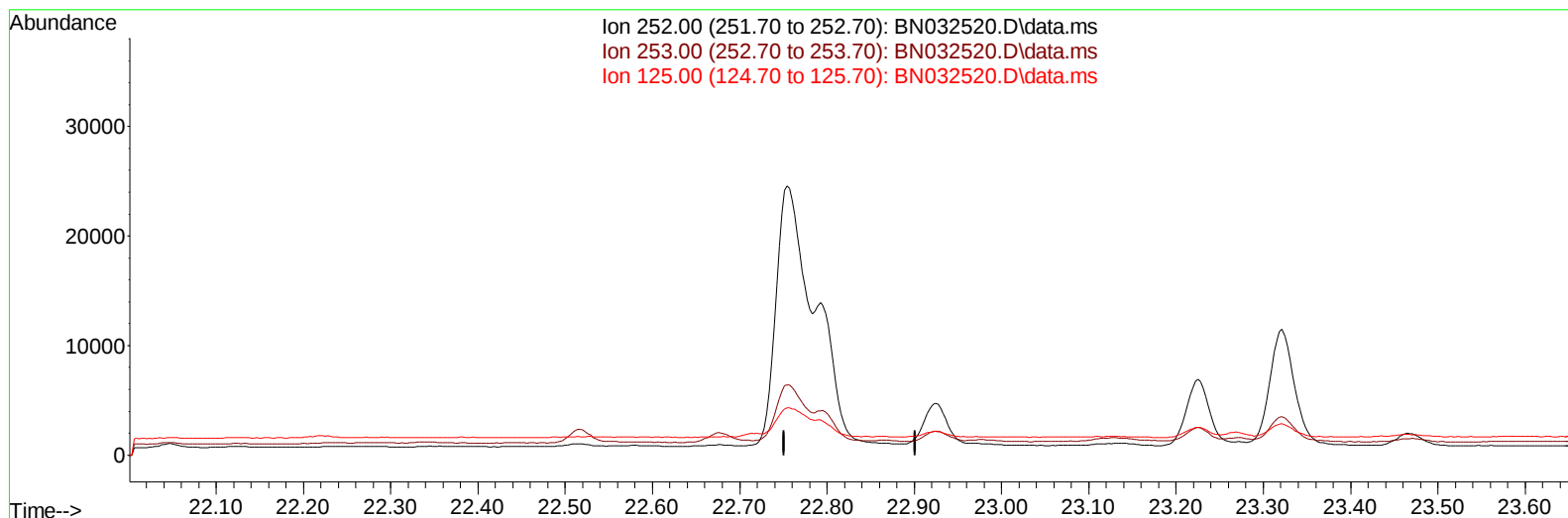
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Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT3DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032520.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-22.801) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.40	0.00#
125.00	16.00	0.00#
0.00	0.00	0.00

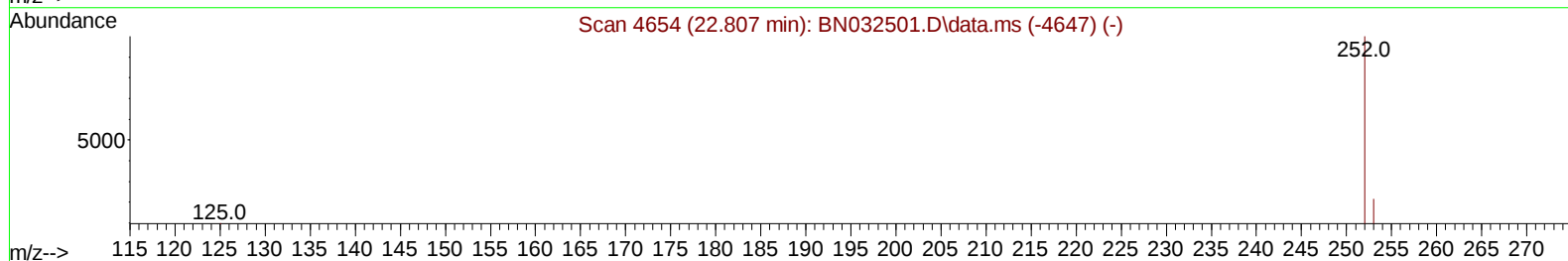
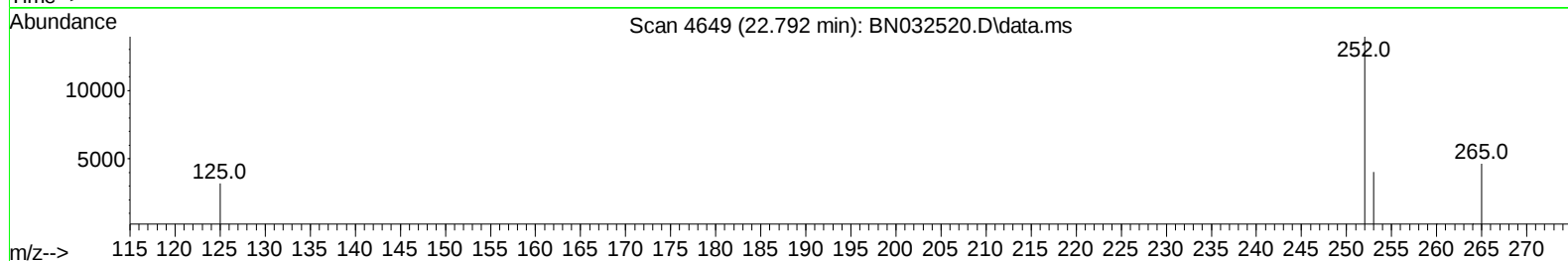
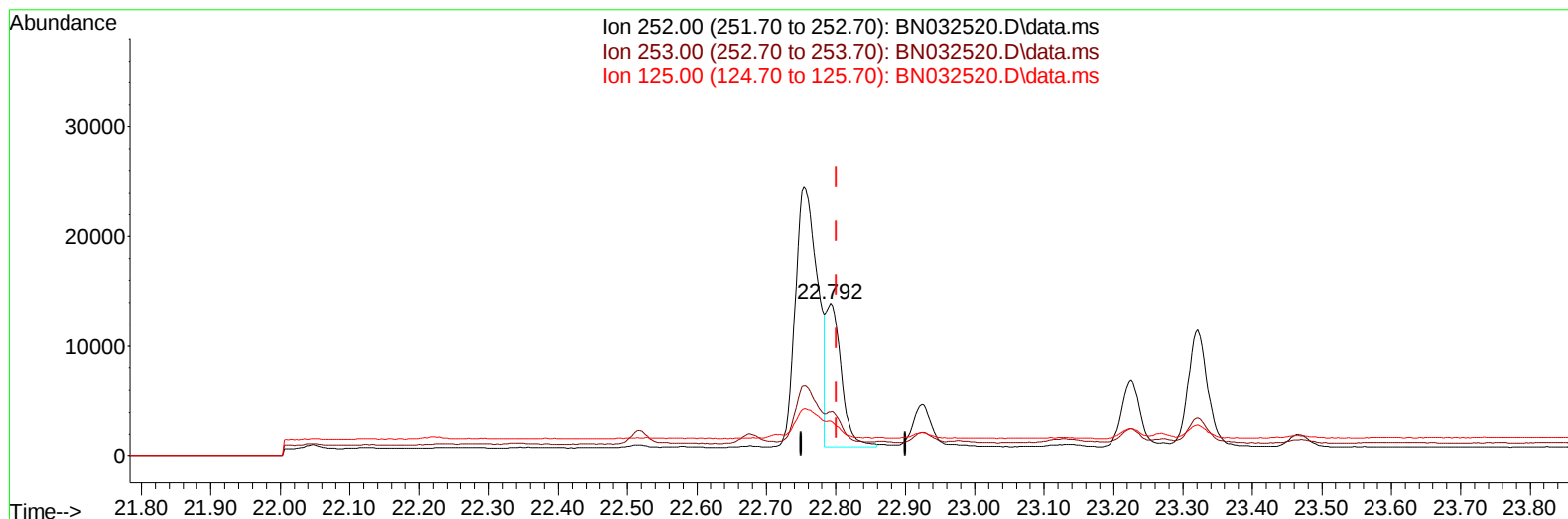
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Data File : BN032520.D
Acq On : 05 Jul 2024 22:31
Operator : MA/JU
Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CT3DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032520.D\data.ms

(25) Benzo(k)fluoranthene

22.792min (-0.009) 0.26 ng/u1 m

response 20079

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.03
125.00	16.00	22.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032520.D
 Acq On : 05 Jul 2024 22:31
 Operator : MA/JU
 Sample : P2964-14DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6092	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	17171	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8885	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	16318	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	15058	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	18329	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4729	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	943	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	1967	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	2546	0.056	ng/ul#	86
7) 2-Methylnaphthalene	12.054	142	807	0.027	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	636	0.020	ng/ul	99
10) Acenaphthylene	13.962	152	3326	0.090	ng/ul#	90
11) Acenaphthene	14.304	153	2041	0.071	ng/ul	96
12) Fluorene	15.303	166	2227	0.065	ng/ul#	97
15) Phenanthrene	17.041	178	39892	0.892	ng/ul	100
16) Anthracene	17.134	178	8859	0.222	ng/ul#	95
19) Fluoranthene	19.069	202	74547	1.300	ng/ul	100
20) Pyrene	19.431	202	56372	0.941	ng/ul	100
21) Benzo(a)anthracene	21.188	228	35574	0.655	ng/ul	97
22) Chrysene	21.241	228	38638m	0.648	ng/ul	
24) Benzo(b)fluoranthene	22.754	252	53747m	0.675	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	20079m	0.260	ng/ul	
26) Benzo(a)pyrene	23.322	252	20624	0.372	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.653	276	20044	0.231	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.649	278	6413	0.099	ng/ul#	62
29) Benzo(g,h,i)perylene	26.344	276	2840	0.041	ng/ul#	48

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

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