

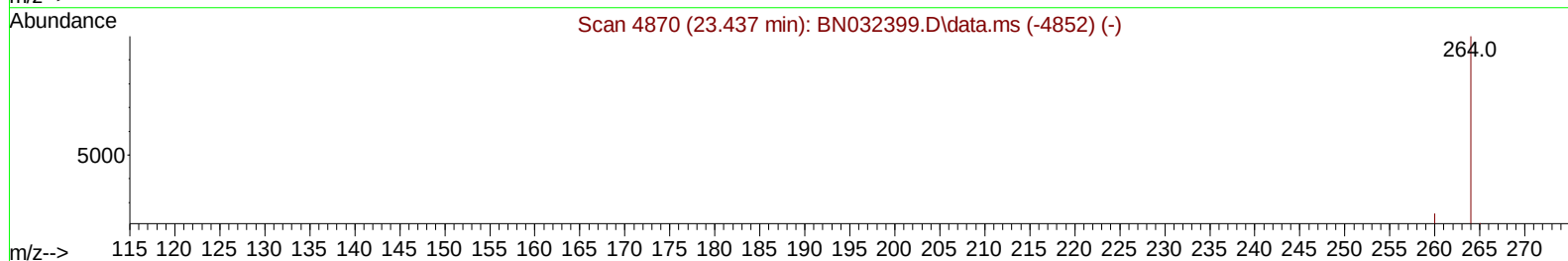
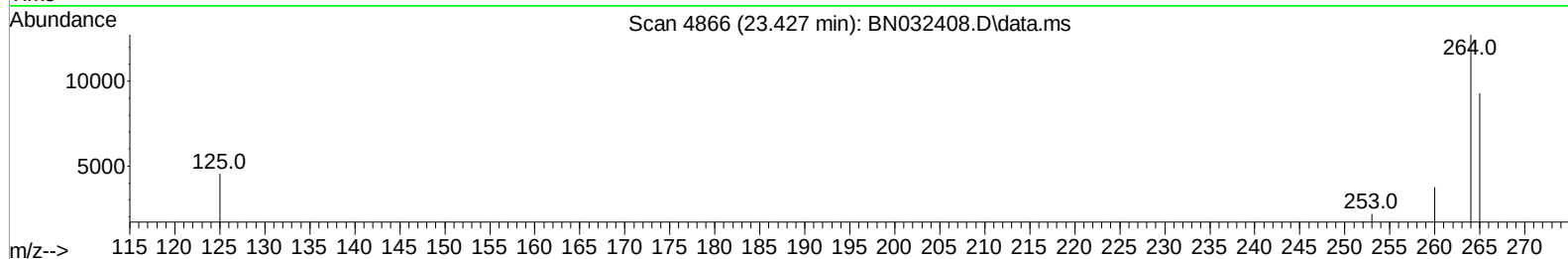
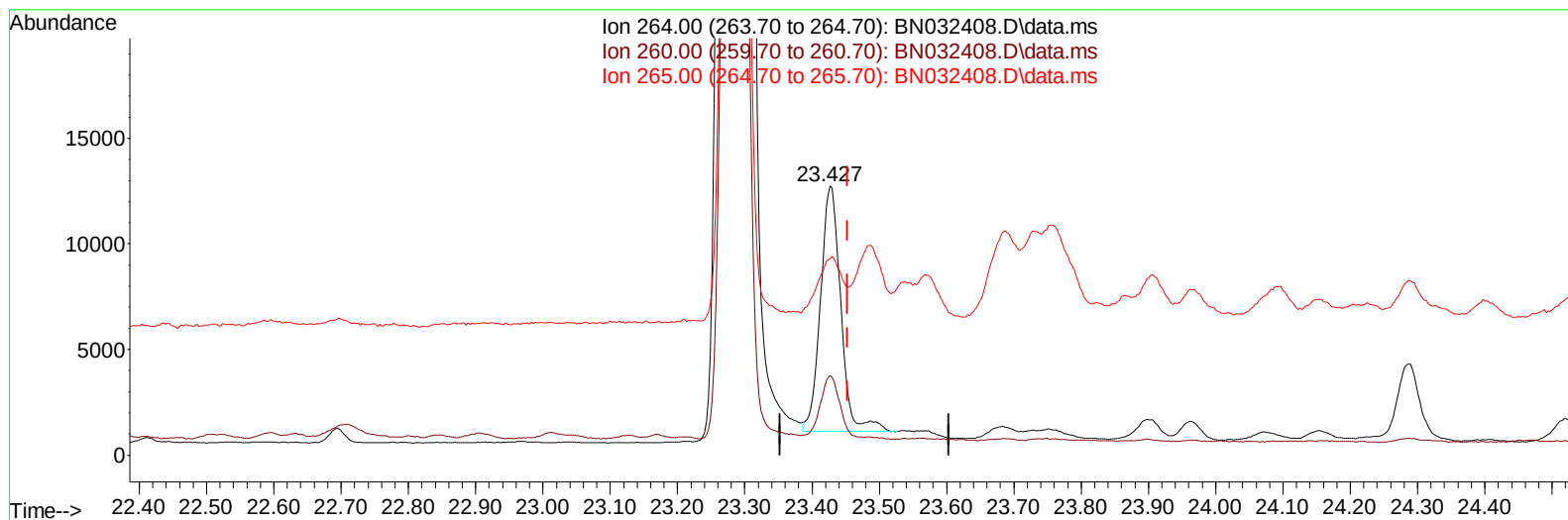
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:56:00 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032408.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.026) 0.40 ng/uL

response 24343

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.55
265.00	67.20	73.08
0.00	0.00	0.00

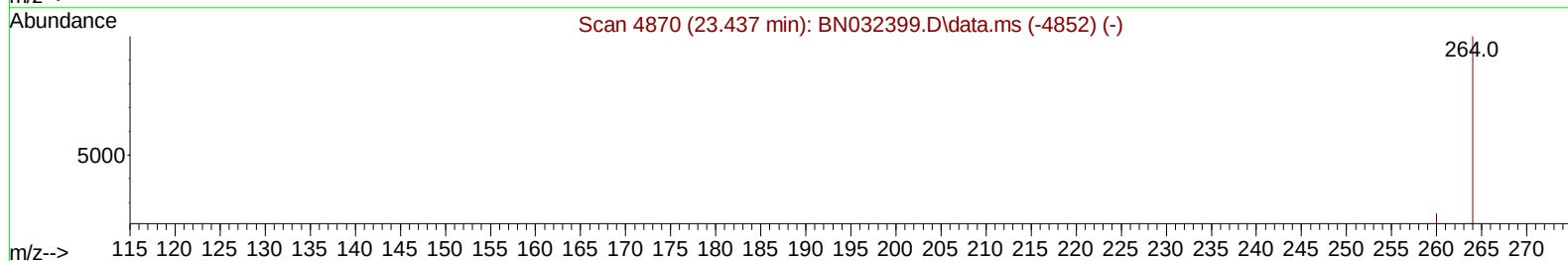
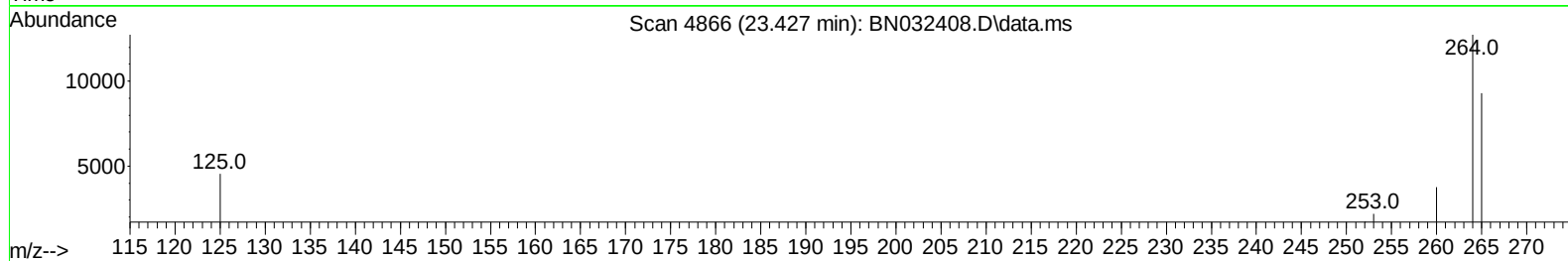
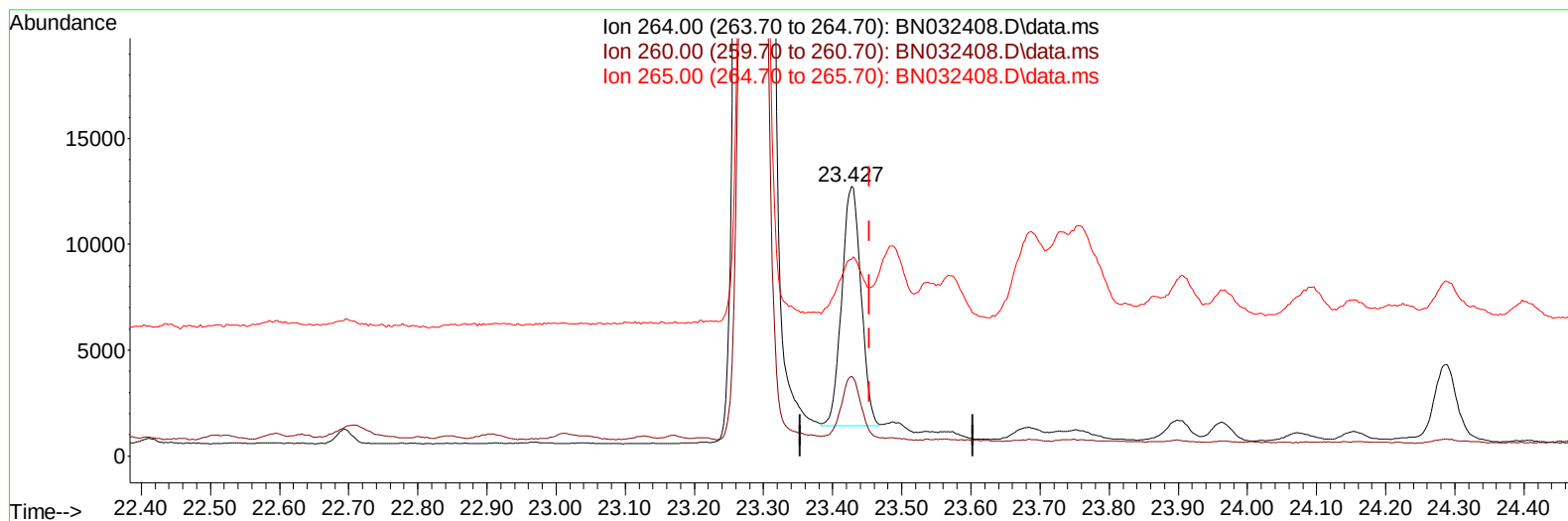
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
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ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032408.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.026) 0.40 ng/ul m

response 21897

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.55
265.00	67.20	73.08
0.00	0.00	0.00

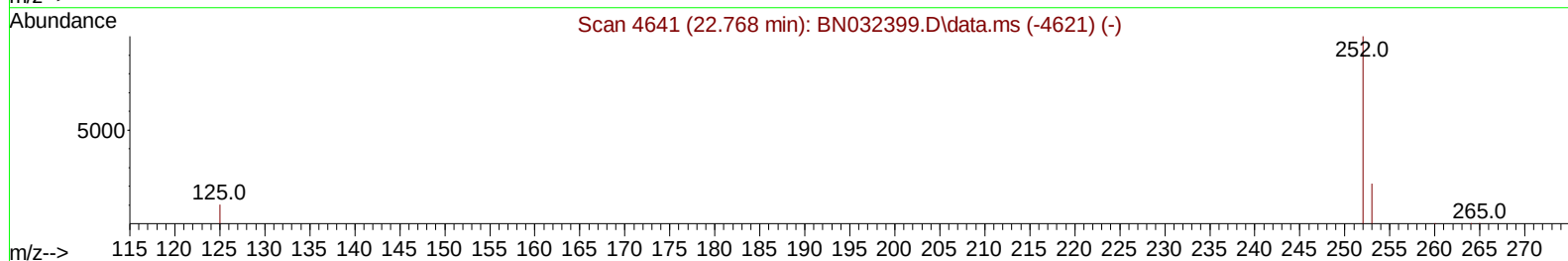
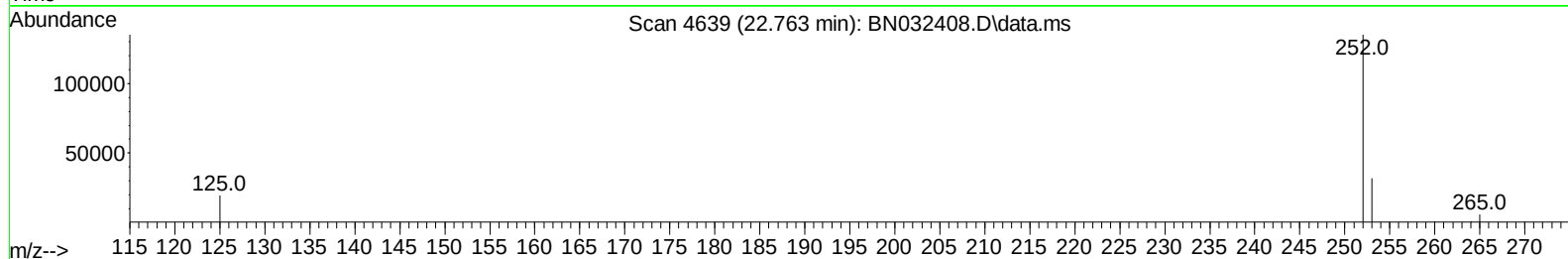
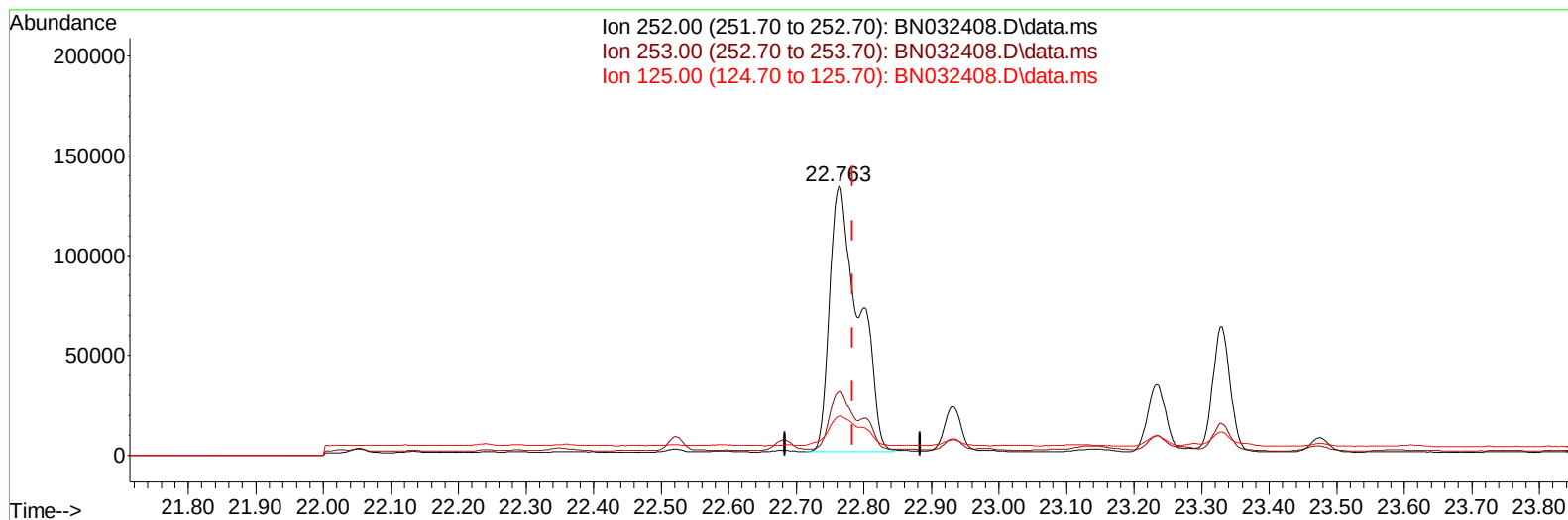
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Manual IntegrationsAPPROVED

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TIC: BN032408.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 4.20 ng/u1

response 399492

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.69
125.00	16.00	14.58
0.00	0.00	0.00

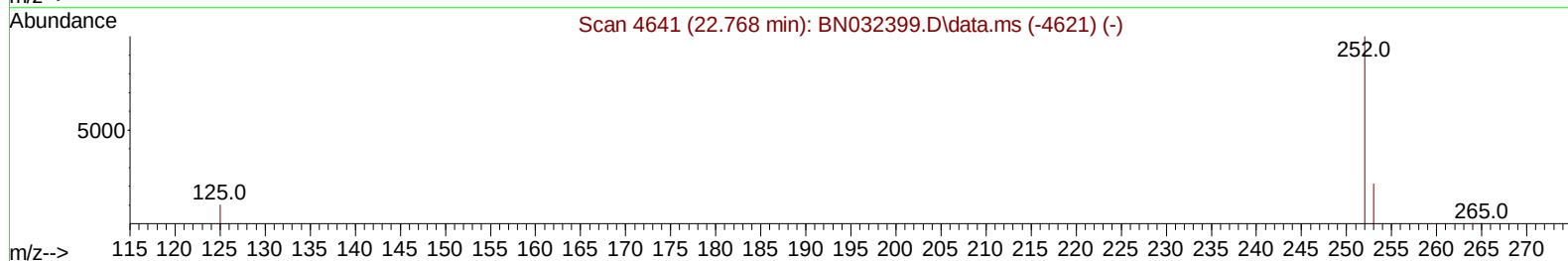
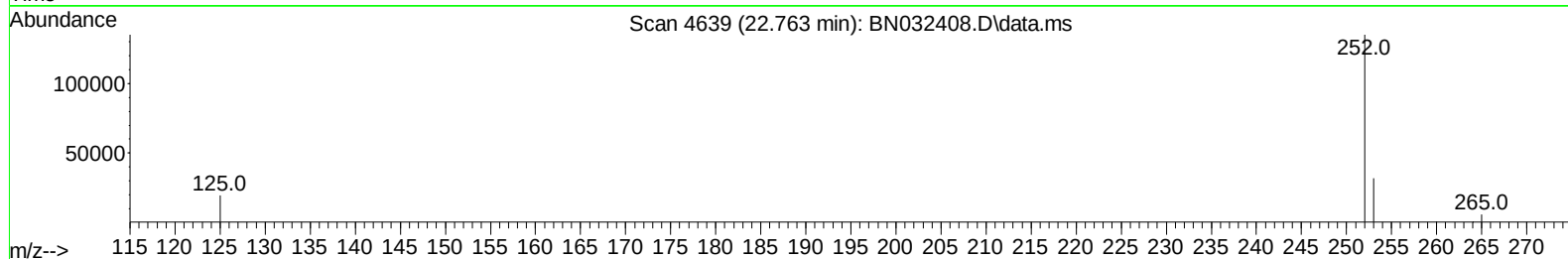
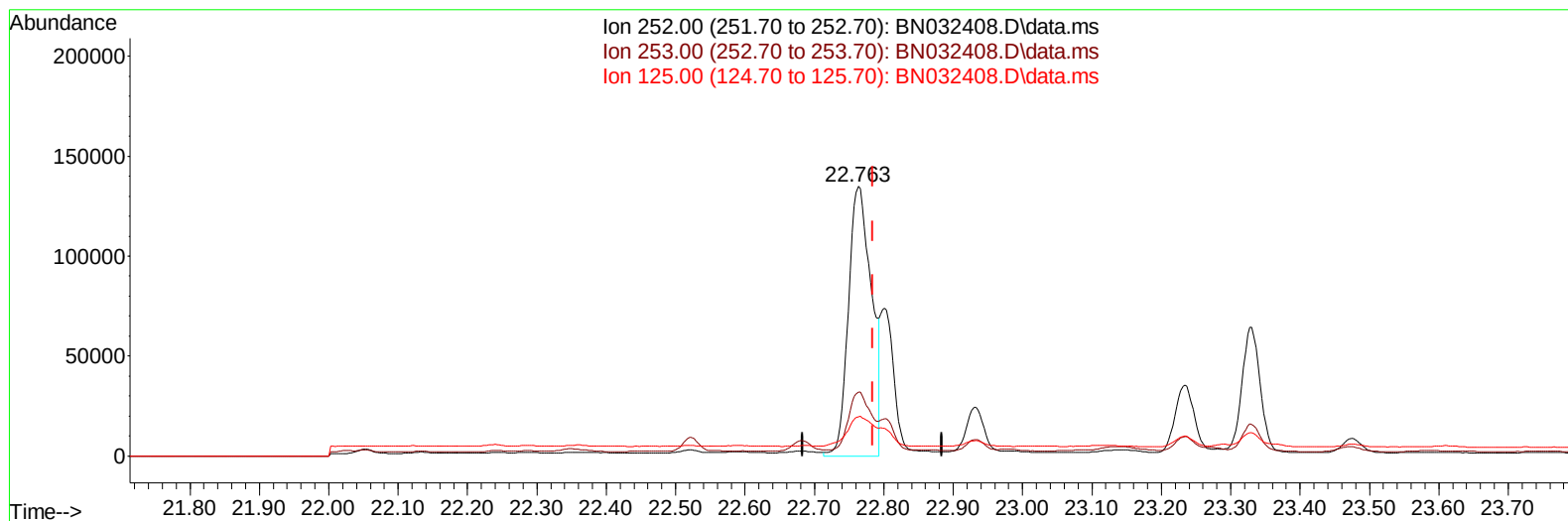
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:56:00 2024
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TIC: BN032408.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 3.27 ng/ul m

response 311140

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.69
125.00	16.00	14.58
0.00	0.00	0.00

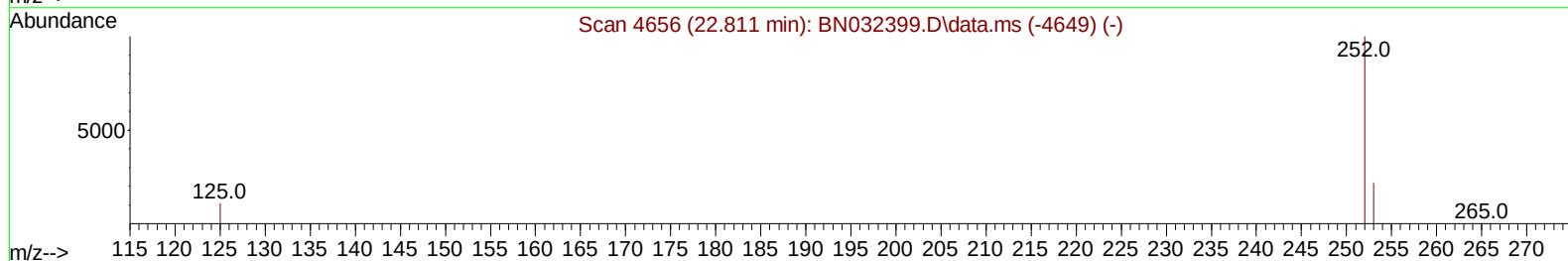
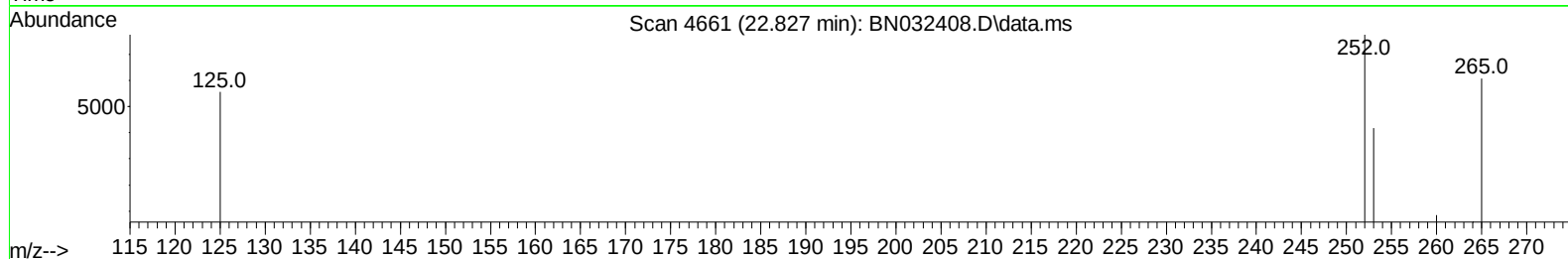
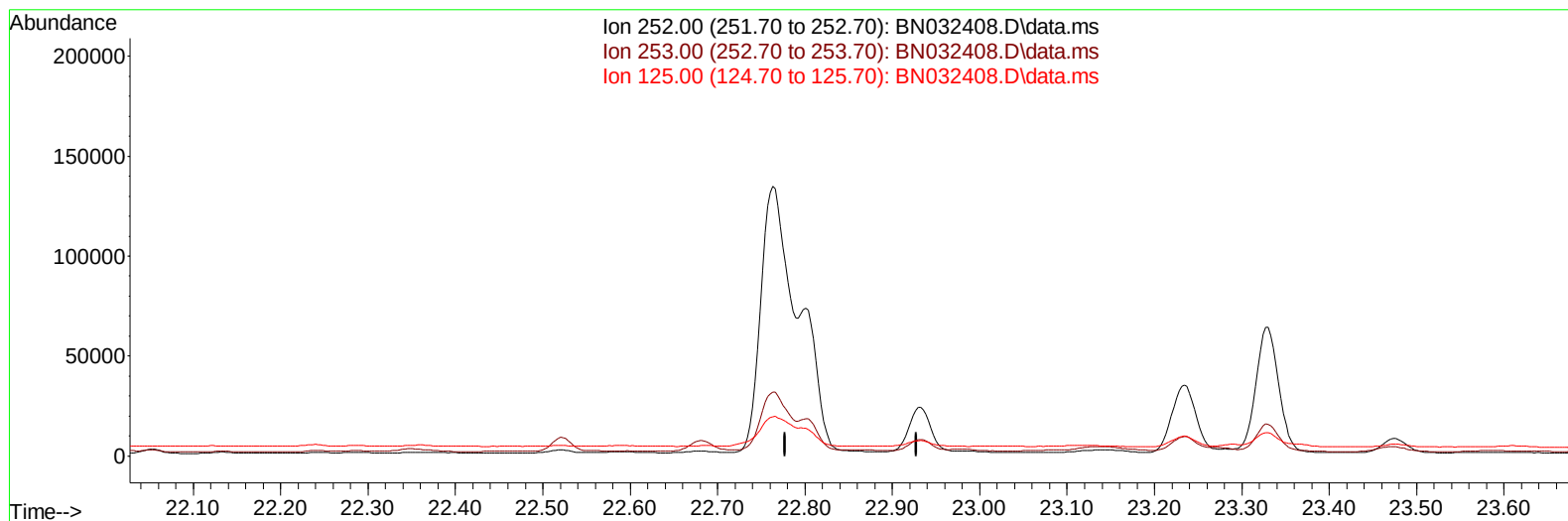
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Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Manual IntegrationsAPPROVED

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TIC: BN032408.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 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

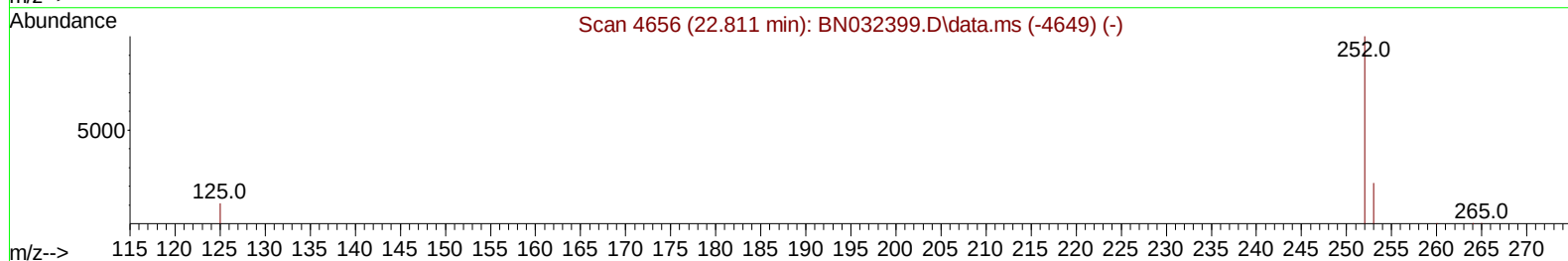
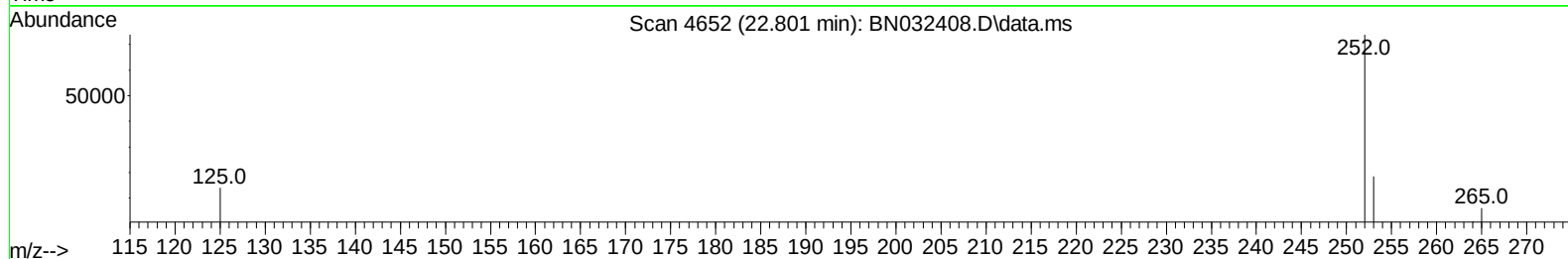
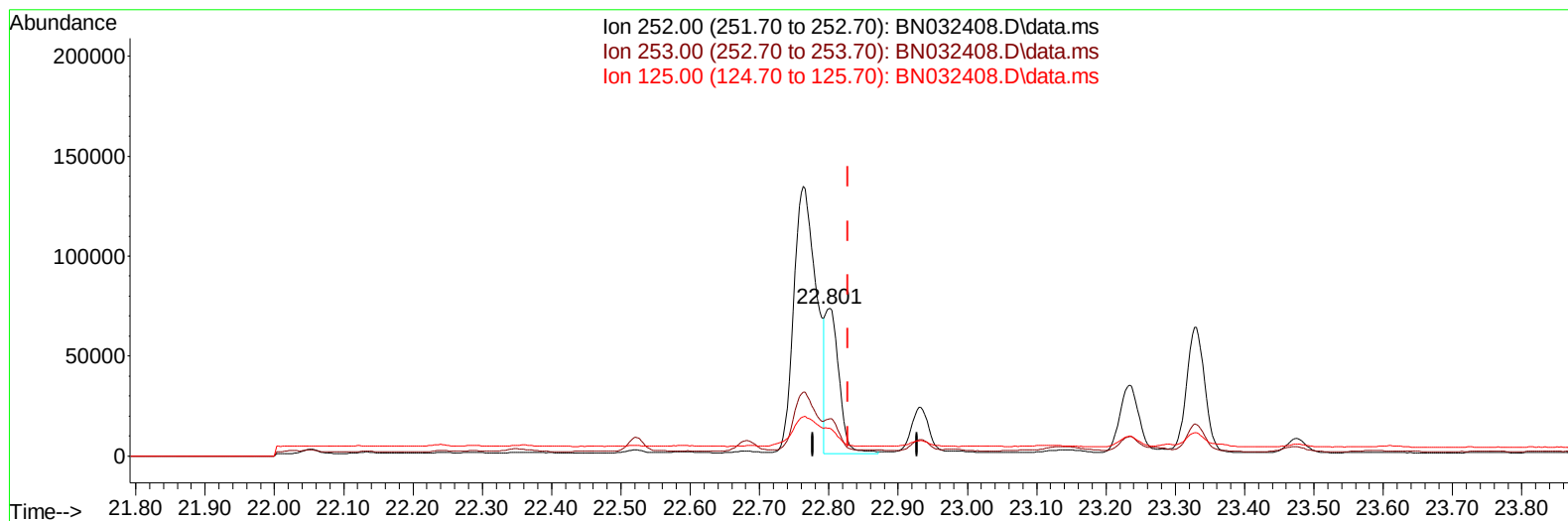
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:56:00 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032408.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.026) 1.08 ng/ul m

response 100102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.14
125.00	16.00	18.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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 Acq On : 02 Jul 2024 19:36
 Operator : MA/JU
 Sample : P2871-22
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B53

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	9164	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.376	136	29540	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17549	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	41613	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.211	240	20494	0.400	ng/ul	#-0.01
23) Perylene-d12	23.427	264	21897m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31839	3.126	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	10075	0.227	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	18094	0.293	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	16385	0.210	ng/ul	98
7) 2-Methylnaphthalene	12.054	142	6112	0.118	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	4843	0.090	ng/ul	98
10) Acenaphthylene	13.971	152	17796	0.244	ng/ul	96
11) Acenaphthene	14.313	153	17160	0.303	ng/ul	98
12) Fluorene	15.308	166	22029	0.326	ng/ul	98
15) Phenanthrene	17.050	178	383772	3.364	ng/ul	99
16) Anthracene	17.138	178	73006	0.717	ng/ul	99
19) Fluoranthene	19.073	202	525586	6.735	ng/ul	97
20) Pyrene	19.440	202	364753	4.473	ng/ul	98
21) Benzo(a)anthracene	21.194	228	224700	3.038	ng/ul	98
22) Chrysene	21.247	228	223592	2.754	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	311140m	3.271	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	100102m	1.083	ng/ul	
26) Benzo(a)pyrene	23.327	252	114975	1.737	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.660	276	108141	1.043	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.663	278	37772	0.491	ng/ul#	80
29) Benzo(g,h,i)perylene	26.347	276	15971	0.193	ng/ul#	73

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

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