

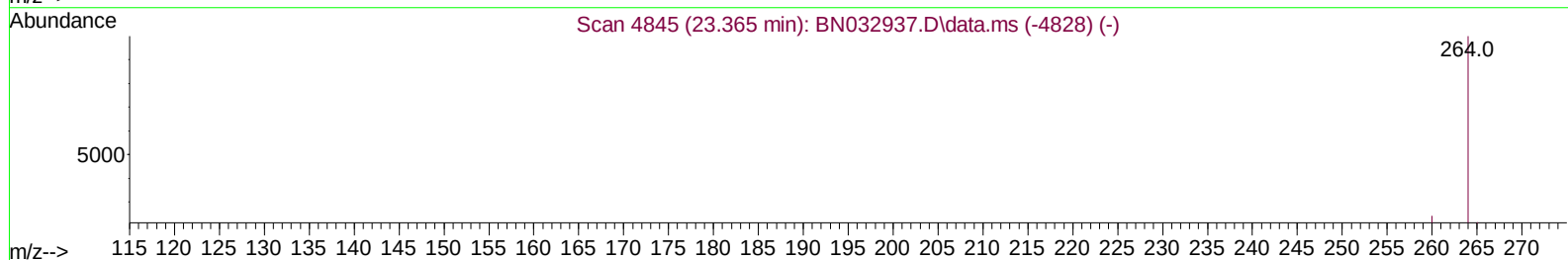
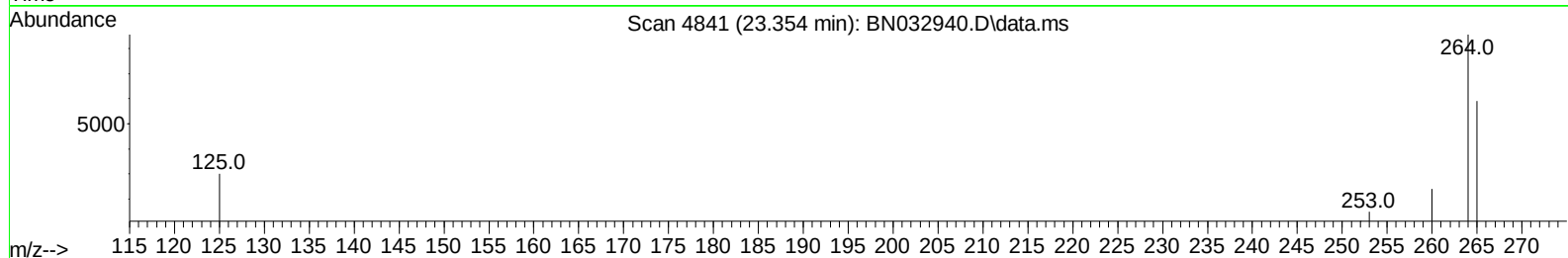
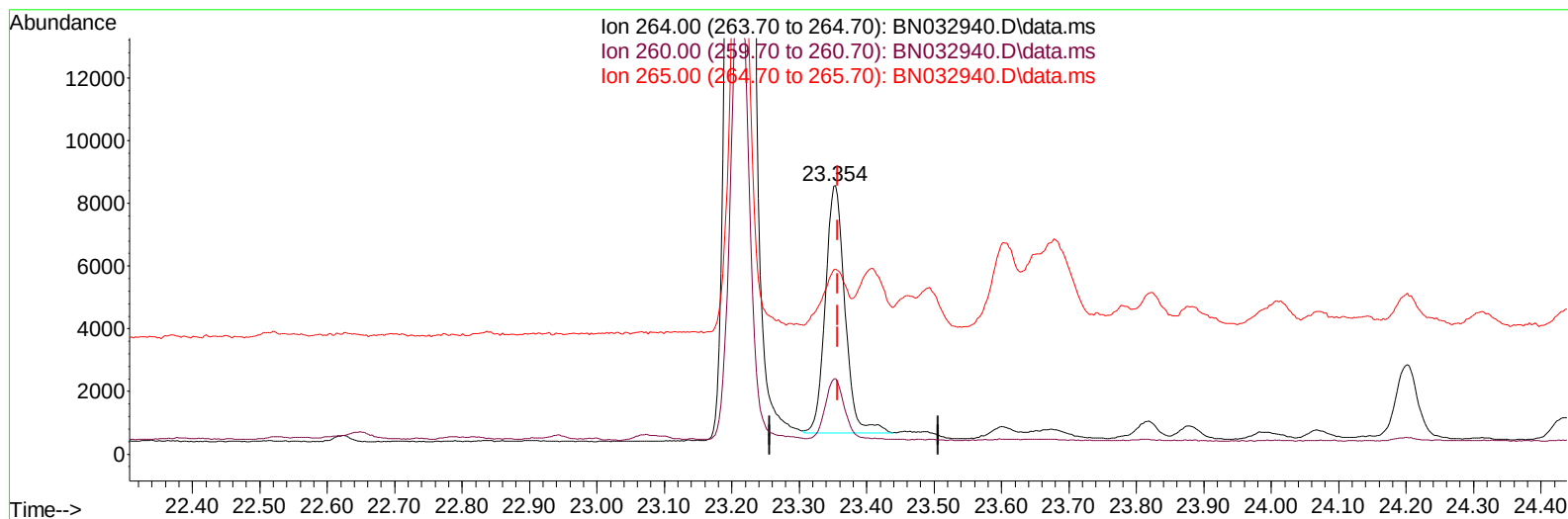
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032940.D
Acq On : 24 Jul 2024 09:58
Operator : MA/JU
Sample : P3215-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ4DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 12:22:36 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: BN032940.D\data.ms

(23) Perylene-d12 (I)

23.354min (-0.003) 0.40 ng/u1

response 15999

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.08
265.00	95.50	68.90#
0.00	0.00	0.00

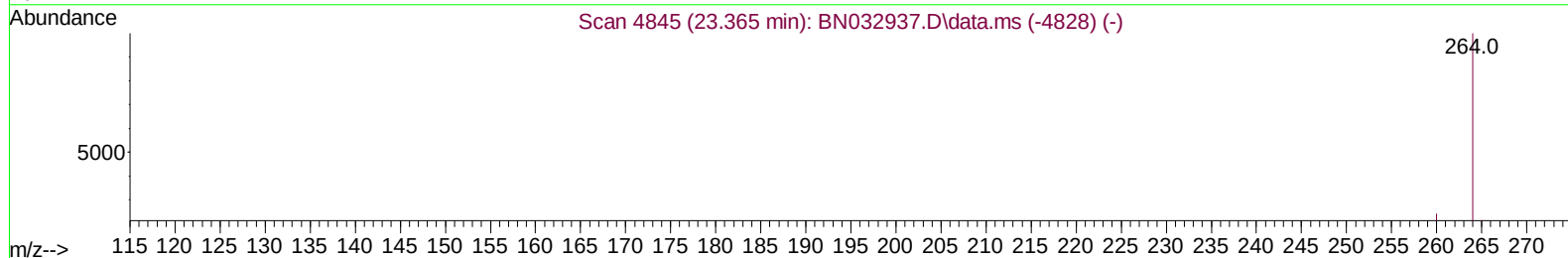
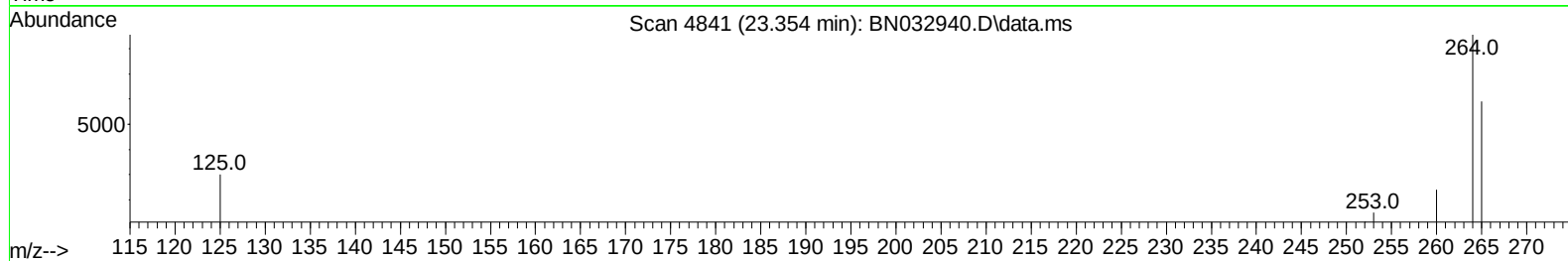
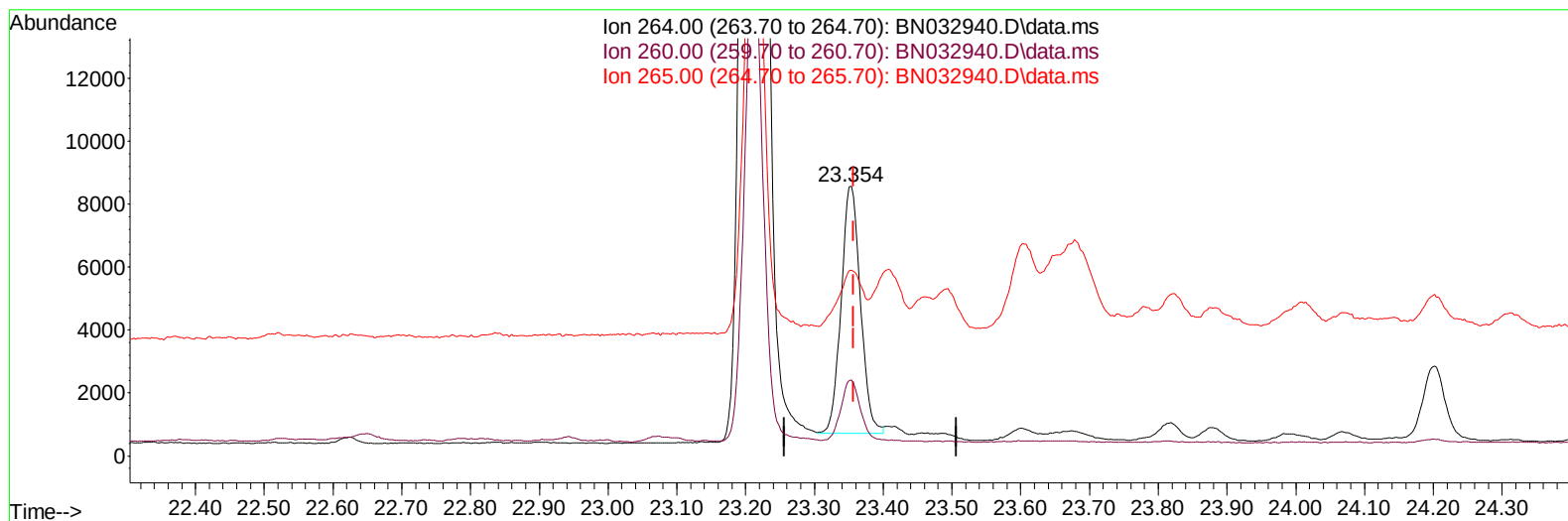
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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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: BN032940.D\data.ms

(23) Perylene-d12 (I)

23.354min (-0.003) 0.40 ng/ul m

response 15372

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.08
265.00	95.50	68.90#
0.00	0.00	0.00

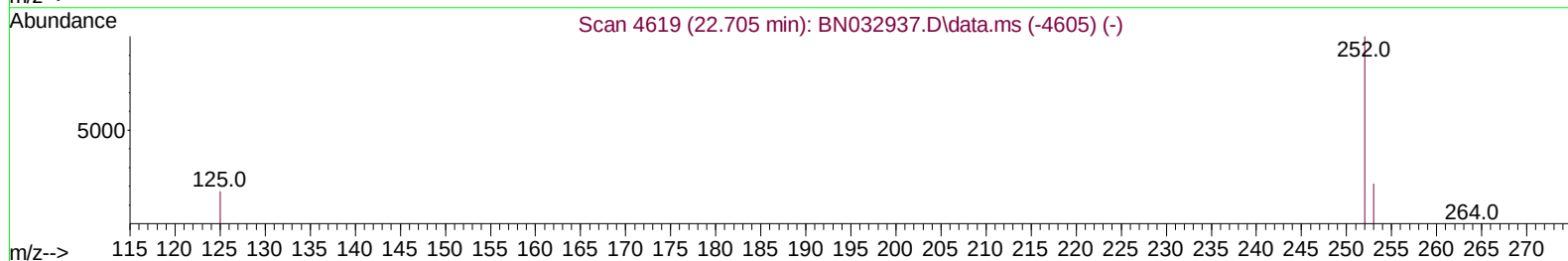
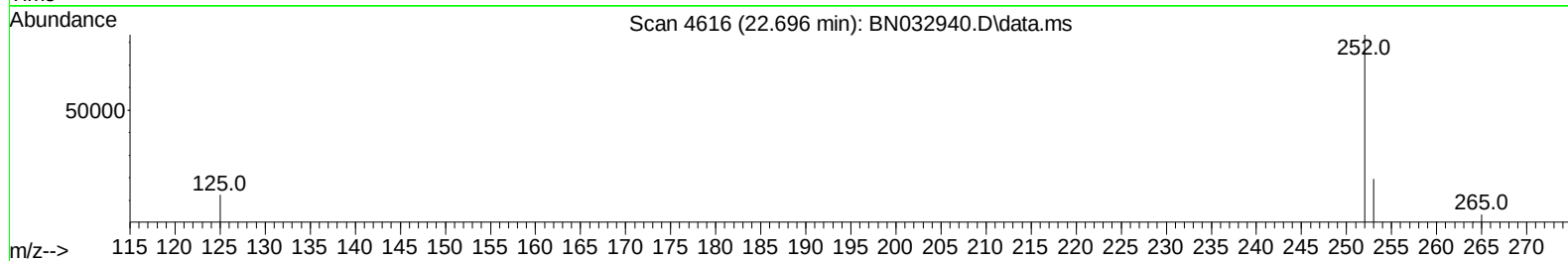
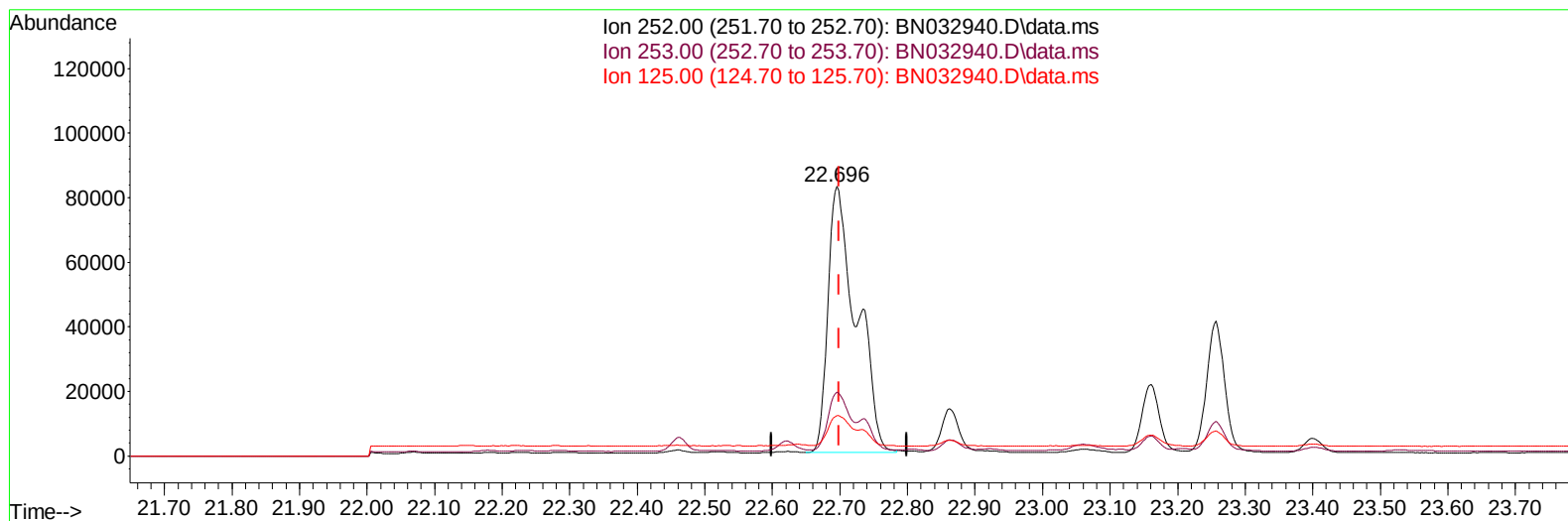
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 Data File : BN032940.D
 Acq On : 24 Jul 2024 09:58
 Operator : MA/JU
 Sample : P3215-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032940.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.003) 4.45 ng/u1

response 241457

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.61
125.00	18.00	14.91
0.00	0.00	0.00

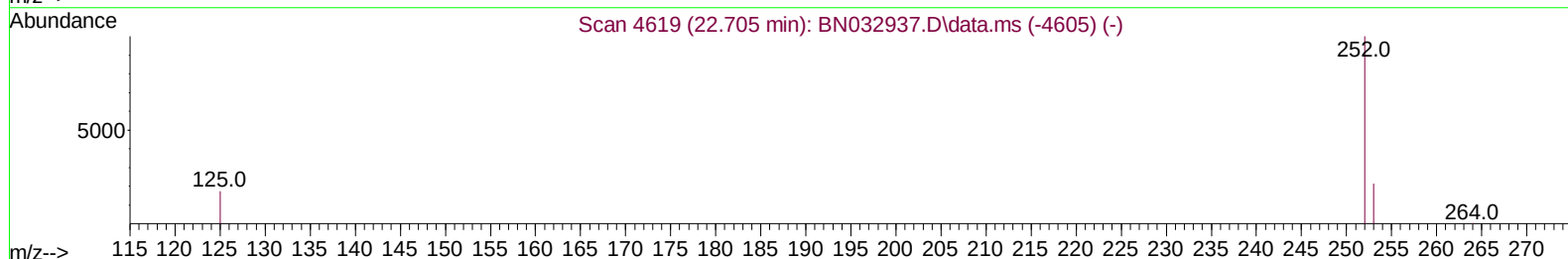
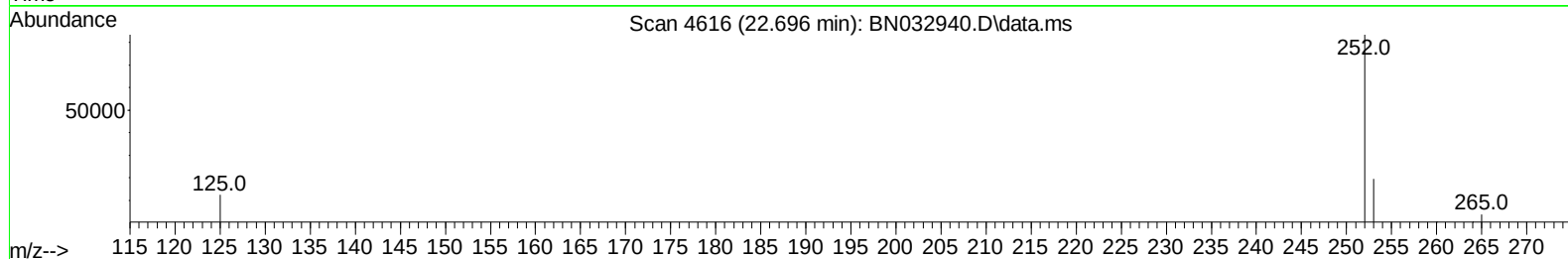
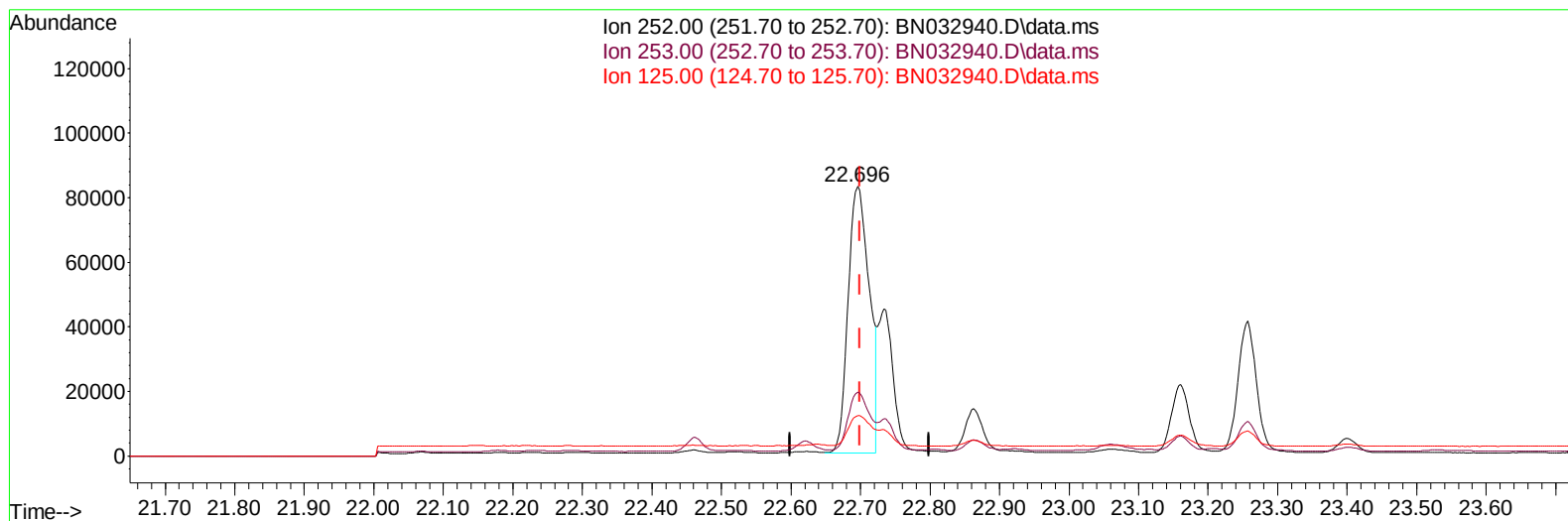
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032940.D
Acq On : 24 Jul 2024 09:58
Operator : MA/JU
Sample : P3215-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ4DL

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 12:22:36 2024
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TIC: BN032940.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.003) 3.24 ng/ul m

response 175790

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.61
125.00	18.00	14.91
0.00	0.00	0.00

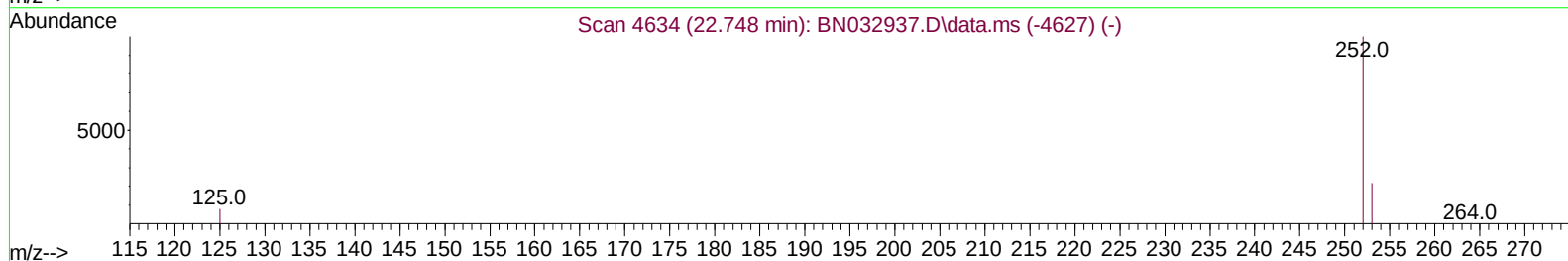
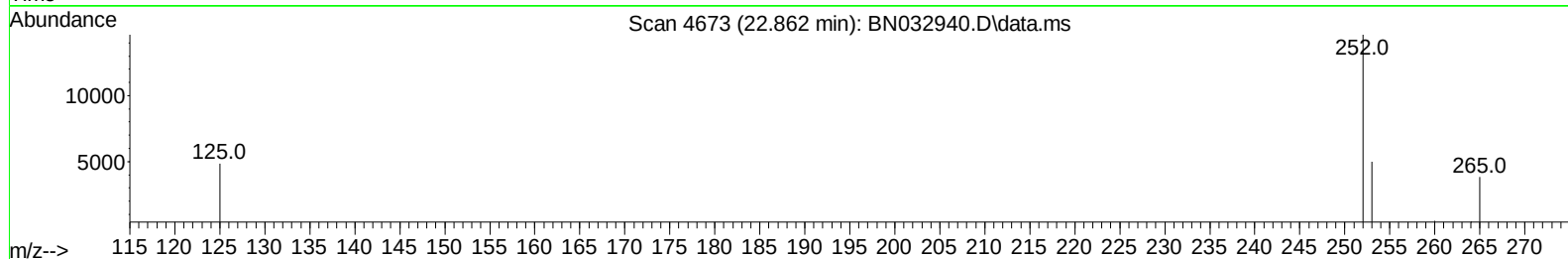
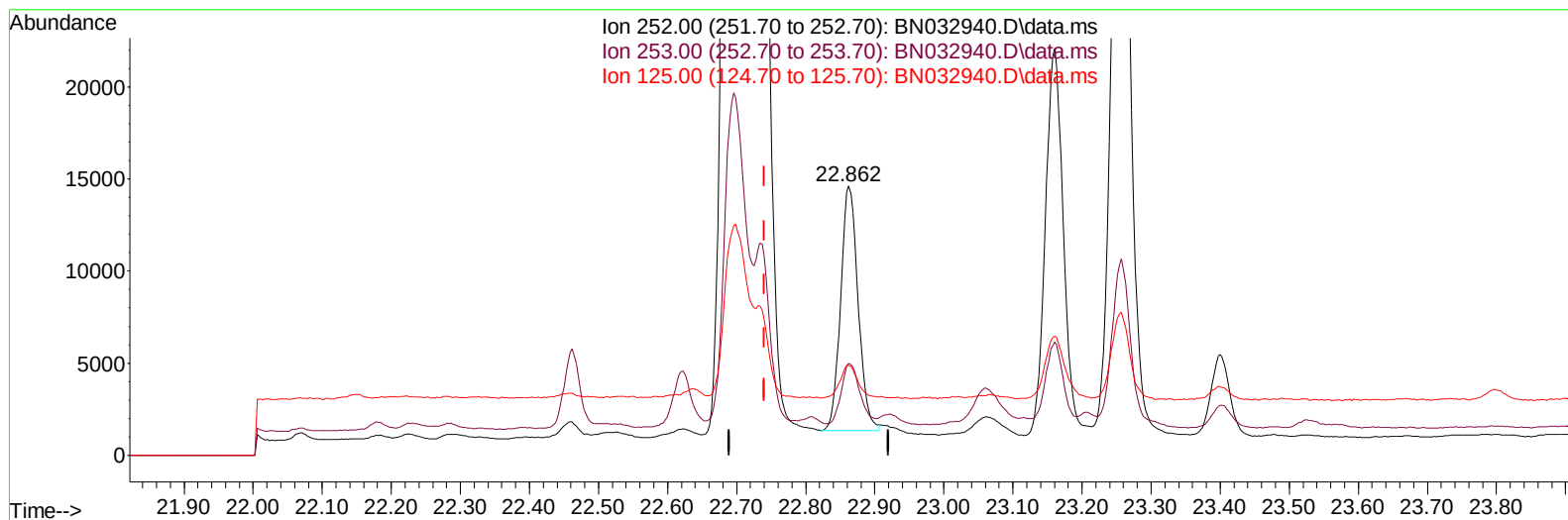
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032940.D
Acq On : 24 Jul 2024 09:58
Operator : MA/JU
Sample : P3215-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ4DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 12:22:36 2024
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032940.D\data.ms

(25) Benzo(k)fluoranthene

22.862min (+ 0.122) 0.35 ng/u1

response 23369

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	34.18#
125.00	18.50	33.28#
0.00	0.00	0.00

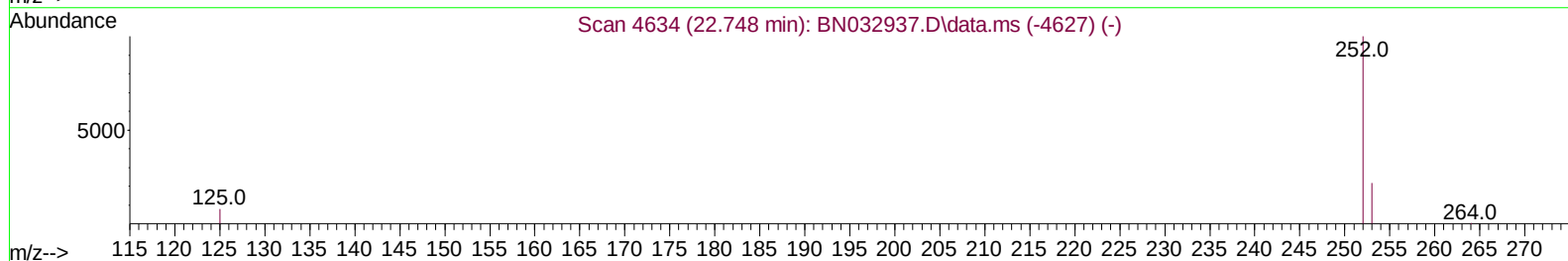
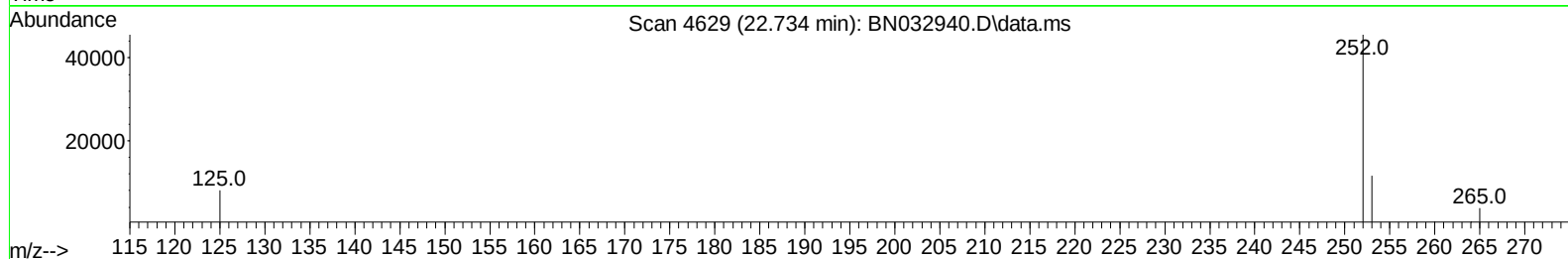
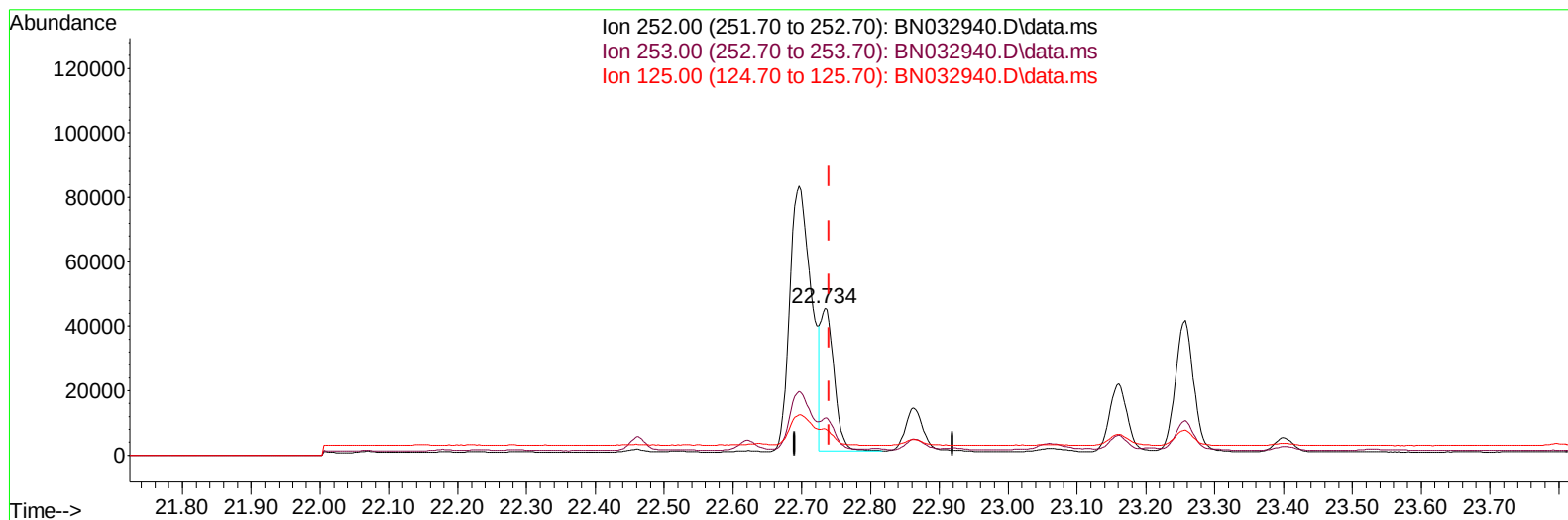
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032940.D
 Acq On : 24 Jul 2024 09:58
 Operator : MA/JU
 Sample : P3215-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ4DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 12:22:36 2024
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TIC: BN032940.D\data.ms

(25) Benzo(k)fluoranthene

22.734min (-0.006) 0.90 ng/ul m

response 59743

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	25.29
125.00	18.50	17.81
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P3215-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ4DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5129	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	17882	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10322	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16972	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	13198	0.400	ng/ul	# 0.00
23) Perylene-d12	23.354	264	15372m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4285	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	1430	0.053	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	2277	0.053	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	7689	0.160	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	2810	0.094	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	2134	0.069	ng/ul	99
10) Acenaphthylene	13.897	152	9139	0.219	ng/ul	98
11) Acenaphthene	14.234	153	10412	0.302	ng/ul	98
12) Fluorene	15.238	166	11694	0.297	ng/ul	98
15) Phenanthrene	16.978	178	201158	4.352	ng/ul	99
16) Anthracene	17.071	178	38261	1.013	ng/ul	98
19) Fluoranthene	19.013	202	290630	5.416	ng/ul	97
20) Pyrene	19.380	202	220314	3.967	ng/ul	96
21) Benzo(a)anthracene	21.141	228	134661	3.205	ng/ul	99
22) Chrysene	21.194	228	137892	2.269	ng/ul	98
24) Benzo(b)fluoranthene	22.696	252	175790m	3.241	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	59743m	0.904	ng/ul	
26) Benzo(a)pyrene	23.257	252	75399	1.606	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.562	276	65076	1.024	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.555	278	22427	0.455	ng/ul#	81
29) Benzo(g,h,i)perylene	26.250	276	9025	0.170	ng/ul#	58

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

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