

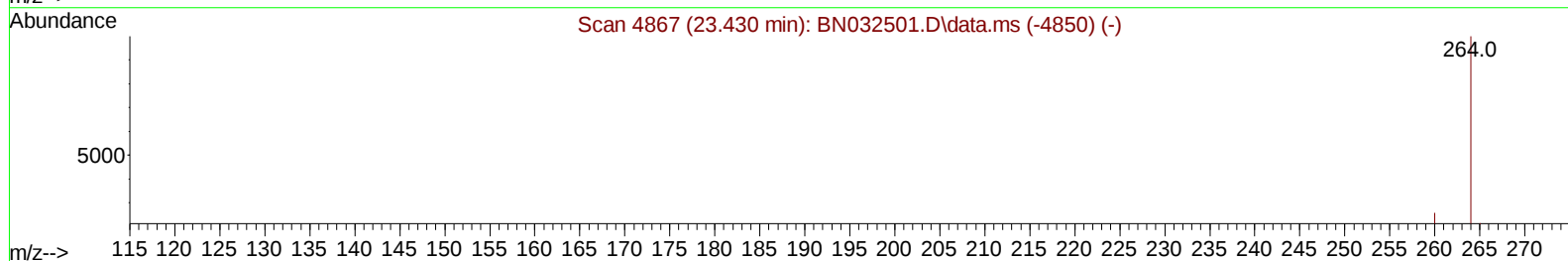
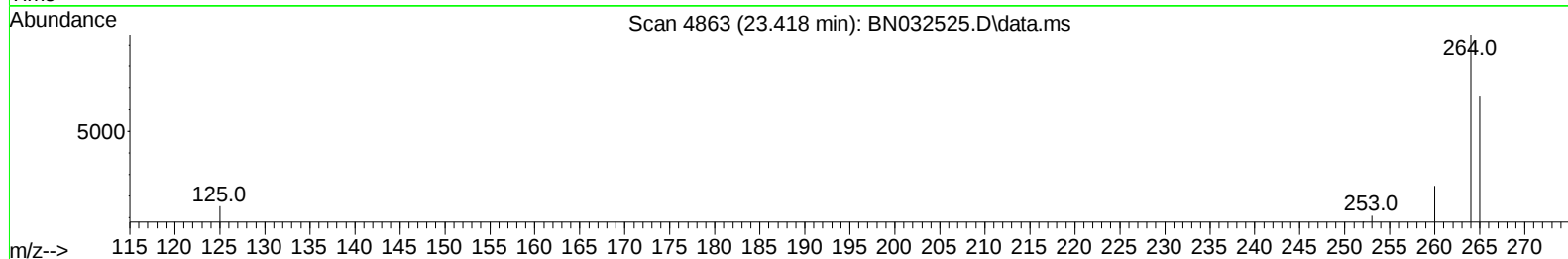
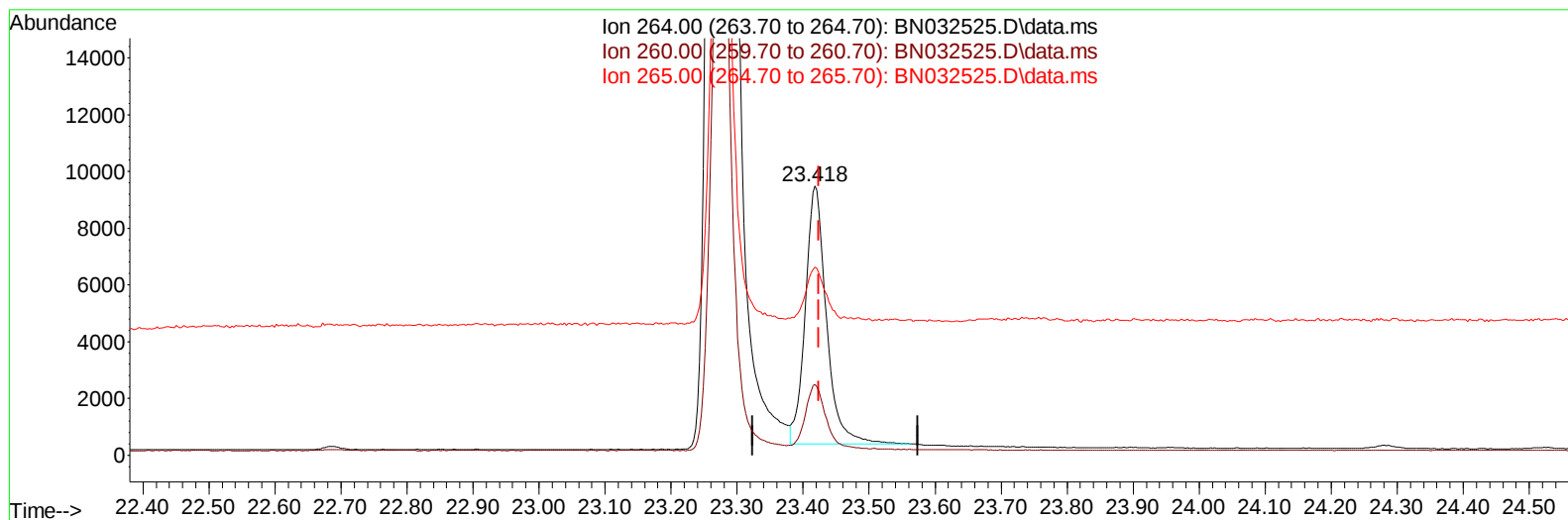
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:06:15 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

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



TIC: BN032525.D\data.ms

(23) Perylene-d12 (I)

23.418min (-0.006) 0.40 ng/u1

response 20321

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.28
265.00	67.20	69.91
0.00	0.00	0.00

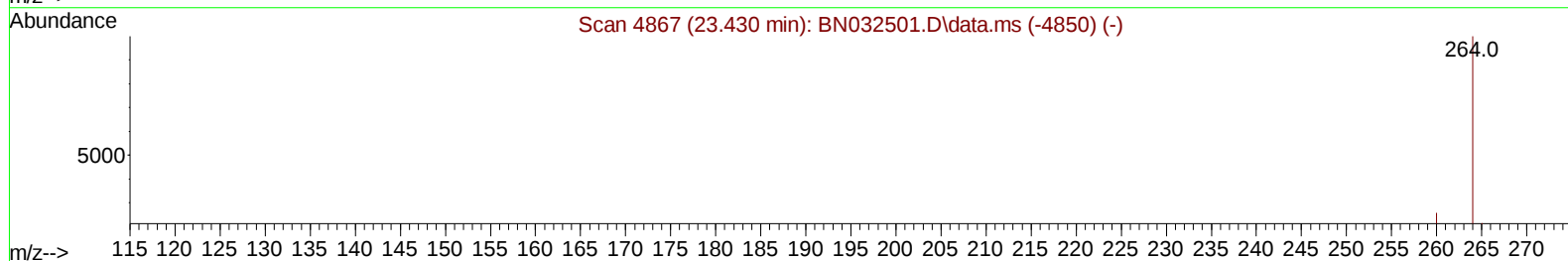
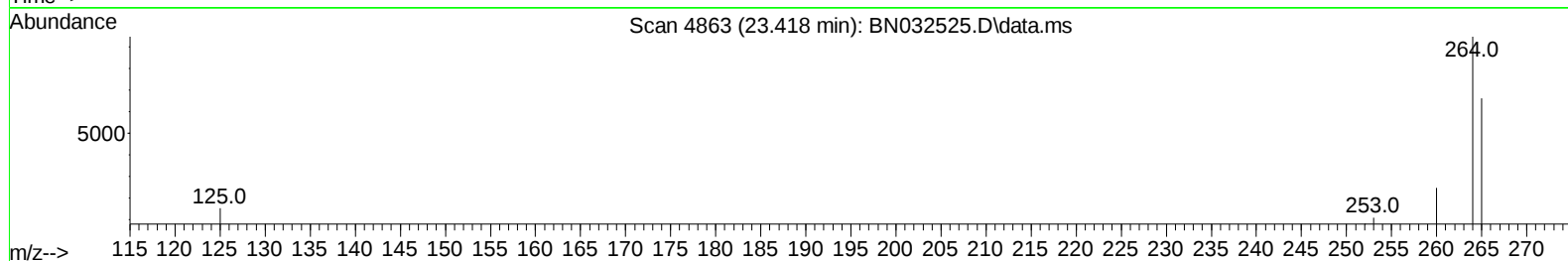
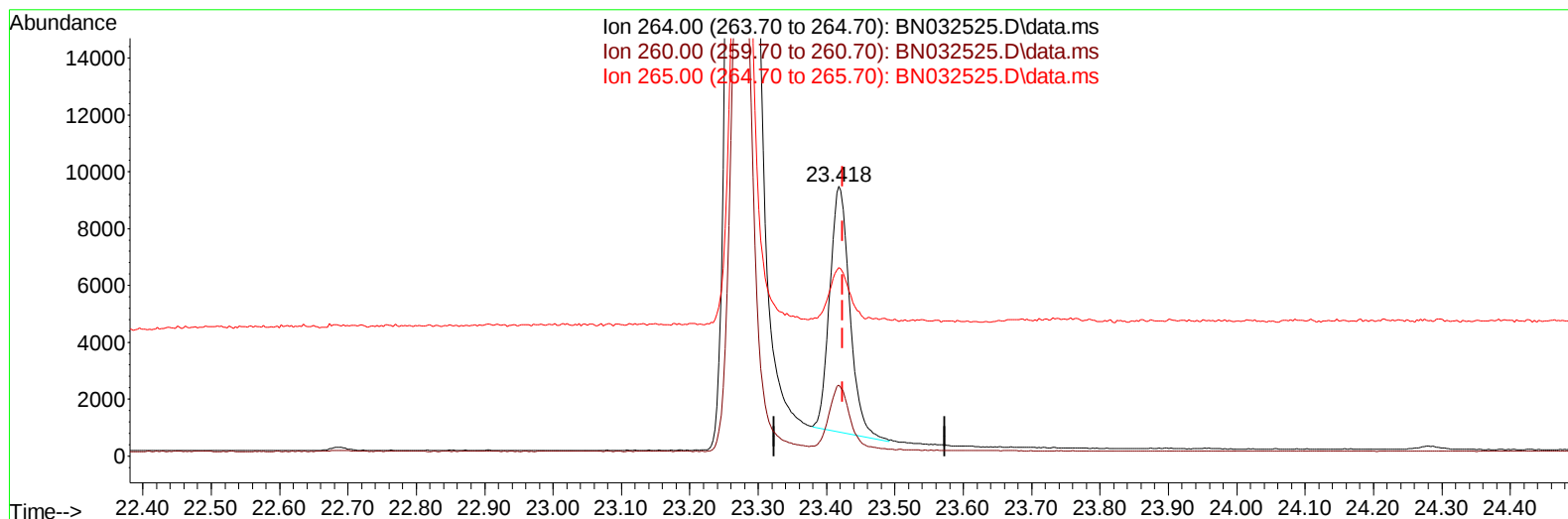
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

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QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032525.D\data.ms

(23) Perylene-d12 (I)

23.418min (-0.006) 0.40 ng/ul m

response 17529

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.28
265.00	67.20	69.91
0.00	0.00	0.00

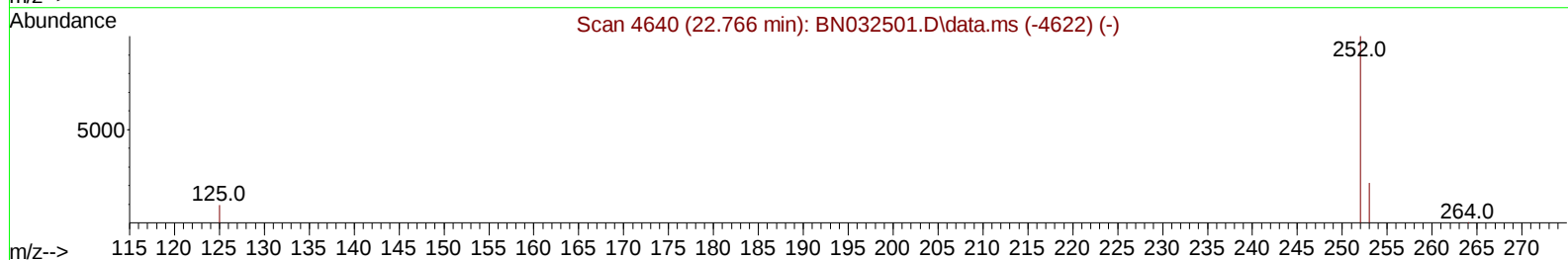
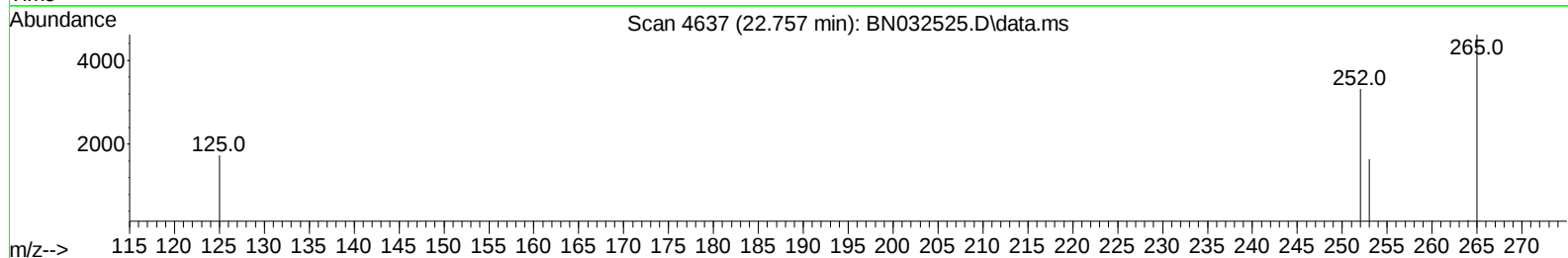
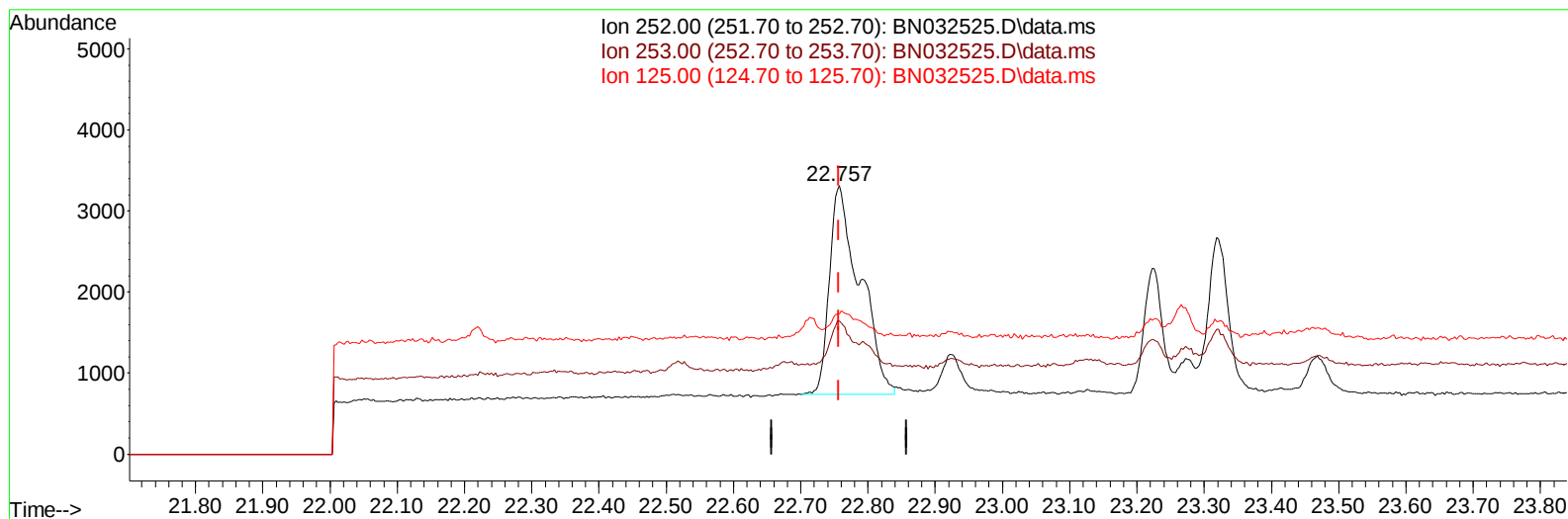
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

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TIC: BN032525.D\data.ms

(24) Benzo(b)fluoranthene

22.757min (+ 0.000) 0.11 ng/u1

response 8118

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	49.74
125.00	16.00	52.13#
0.00	0.00	0.00

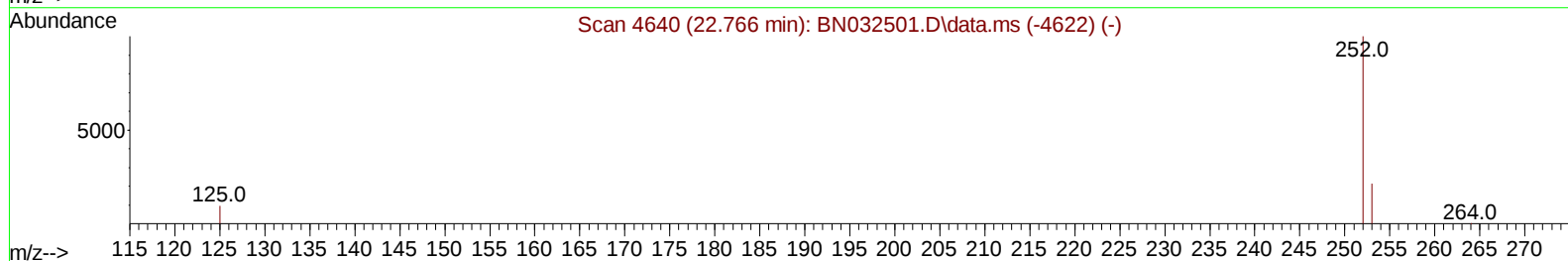
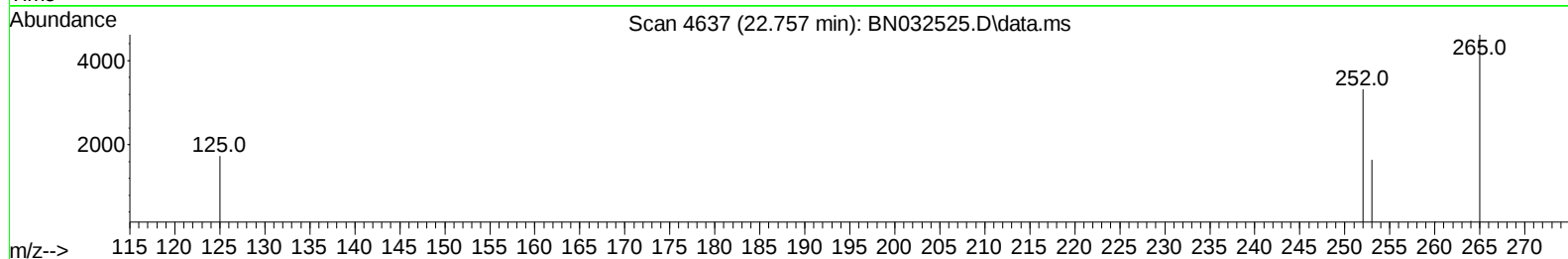
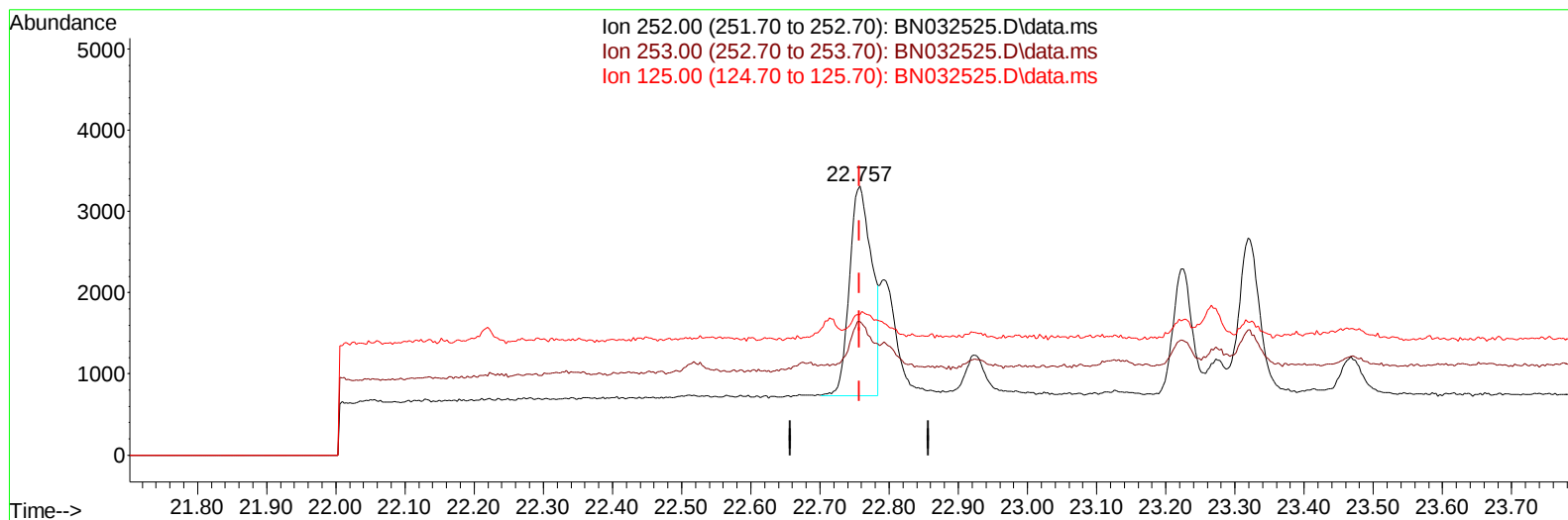
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:06:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032525.D\data.ms

(24) Benzo(b)fluoranthene

22.757min (+ 0.000) 0.08 ng/u1 m

response 5826

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	49.74
125.00	16.00	52.13#
0.00	0.00	0.00

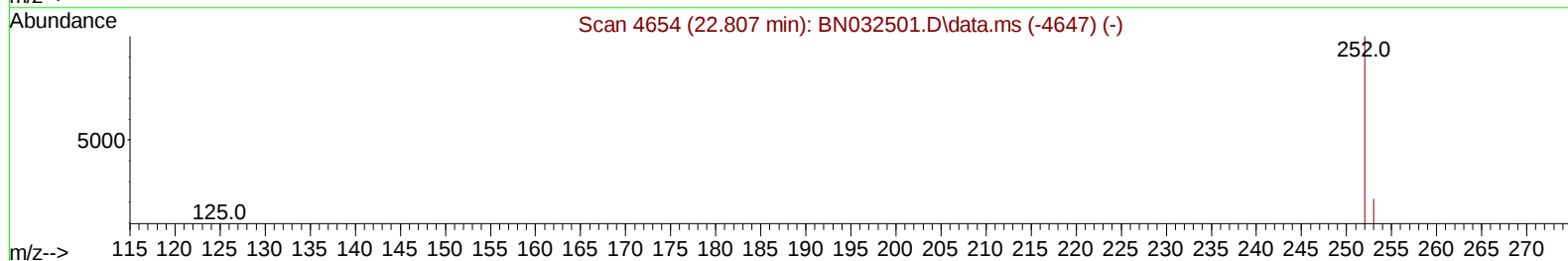
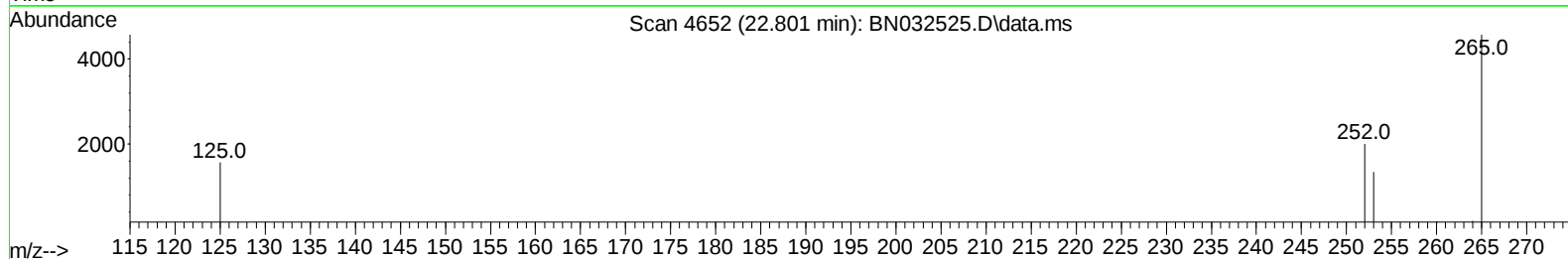
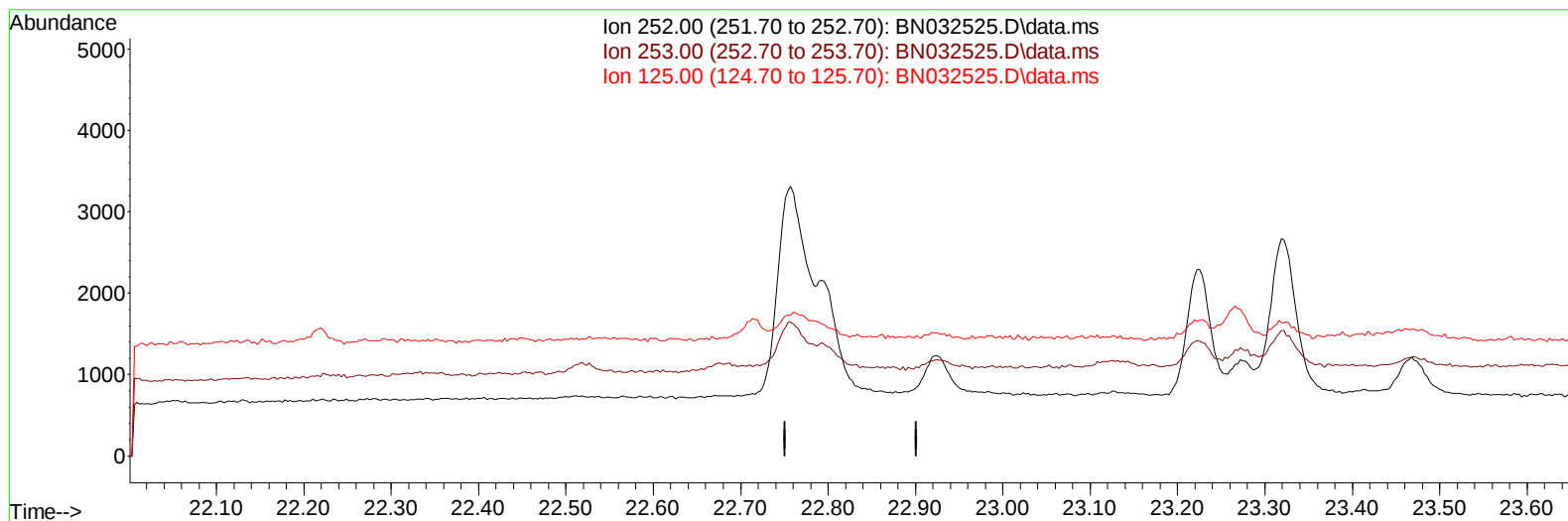
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:06:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Supervised By :mohammad ahmed 07/08/2024



TIC: BN032525.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

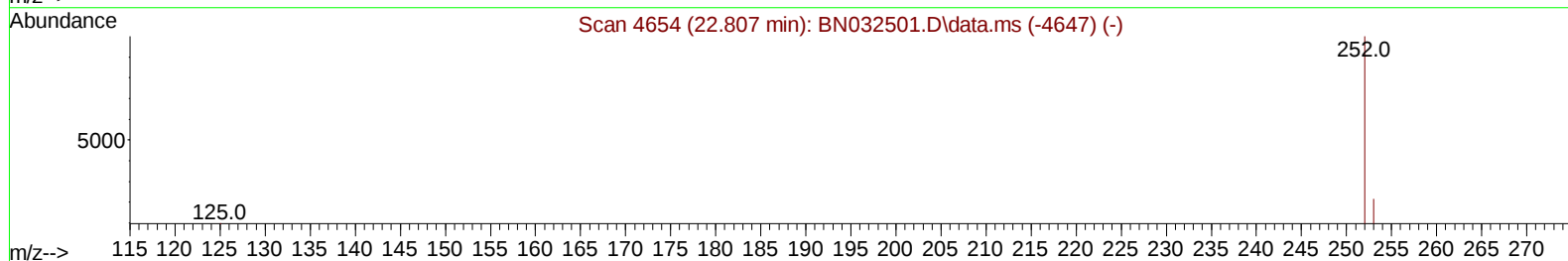
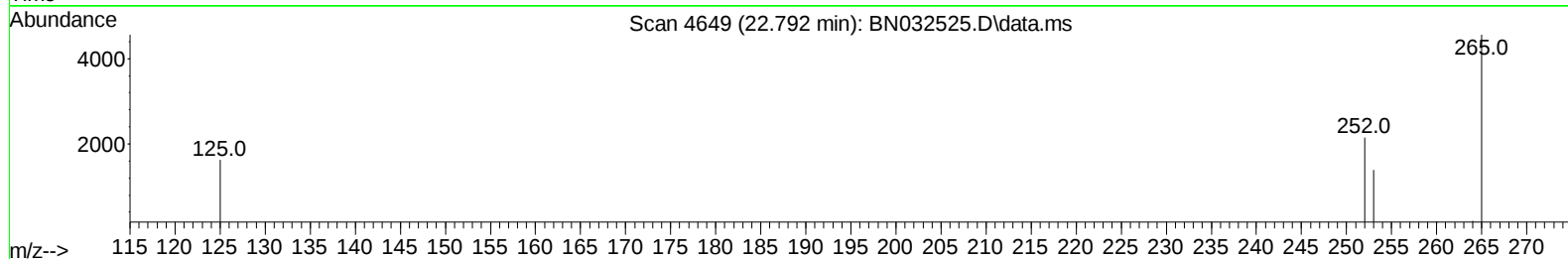
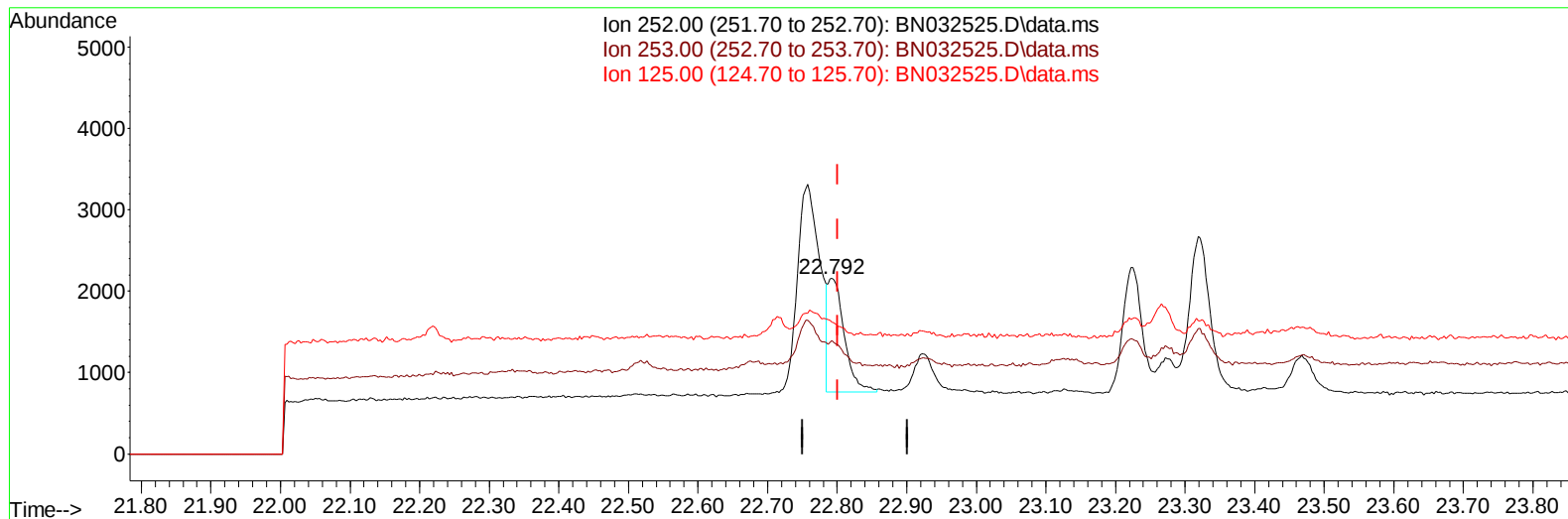
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032525.D
Acq On : 06 Jul 2024 01:33
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:06:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BN032525.D\data.ms

(25) Benzo(k)fluoranthene

22.792min (-0.009) 0.03 ng/u1 m

response 2341

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	64.55#
125.00	16.00	75.36#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032525.D
 Acq On : 06 Jul 2024 01:33
 Operator : MA/JU
 Sample : P2963-18DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS9DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
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 QLast Update : Wed Jul 03 03:26:42 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.595	152		6012	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136		16640	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164		8785	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188		16393	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240		15675	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264		17529m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.139	96		5000	0.748	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152		1049	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.036	212		2243	0.048	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.962	152		778	0.021	ng/ul#	64
15) Phenanthrene	17.041	178		2681	0.060	ng/ul#	90
16) Anthracene	17.134	178		916	0.023	ng/ul#	64
19) Fluoranthene	19.069	202		6168	0.103	ng/ul#	93
20) Pyrene	19.431	202		6507	0.104	ng/ul#	92
21) Benzo(a)anthracene	21.194	228		3841	0.068	ng/ul#	81
22) Chrysene	21.244	228		3462	0.056	ng/ul#	82
24) Benzo(b)fluoranthene	22.757	252		5826m	0.077	ng/ul	
25) Benzo(k)fluoranthene	22.792	252		2341m	0.032	ng/ul	
26) Benzo(a)pyrene	23.319	252		3926	0.074	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	25.666	276		3133	0.038	ng/ul#	94
29) Benzo(g,h,i)perylene	26.351	276		2933	0.044	ng/ul#	57

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

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS9DL

Manual IntegrationsAPPROVED

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