

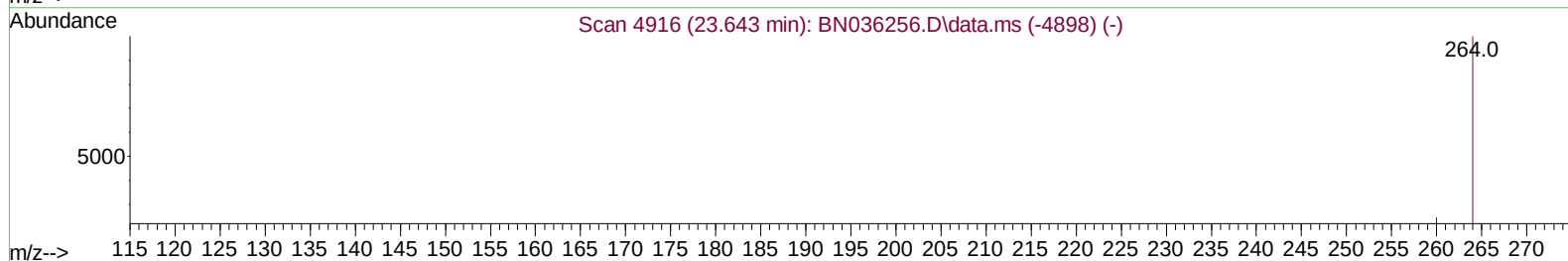
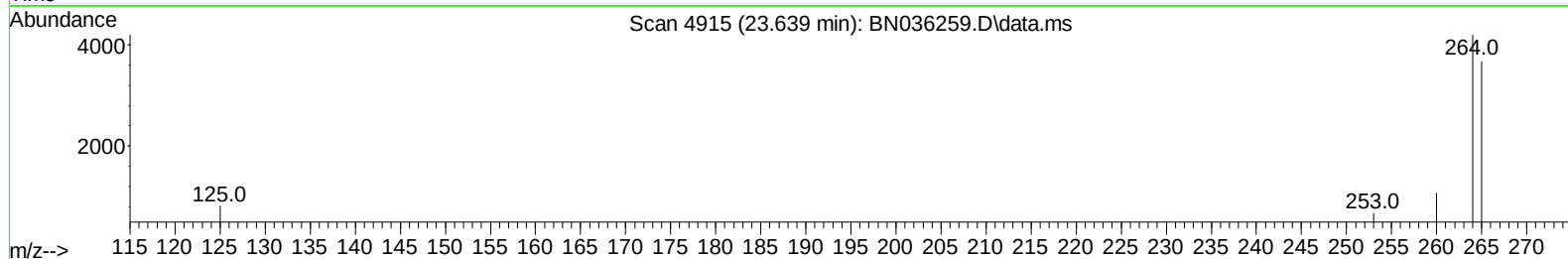
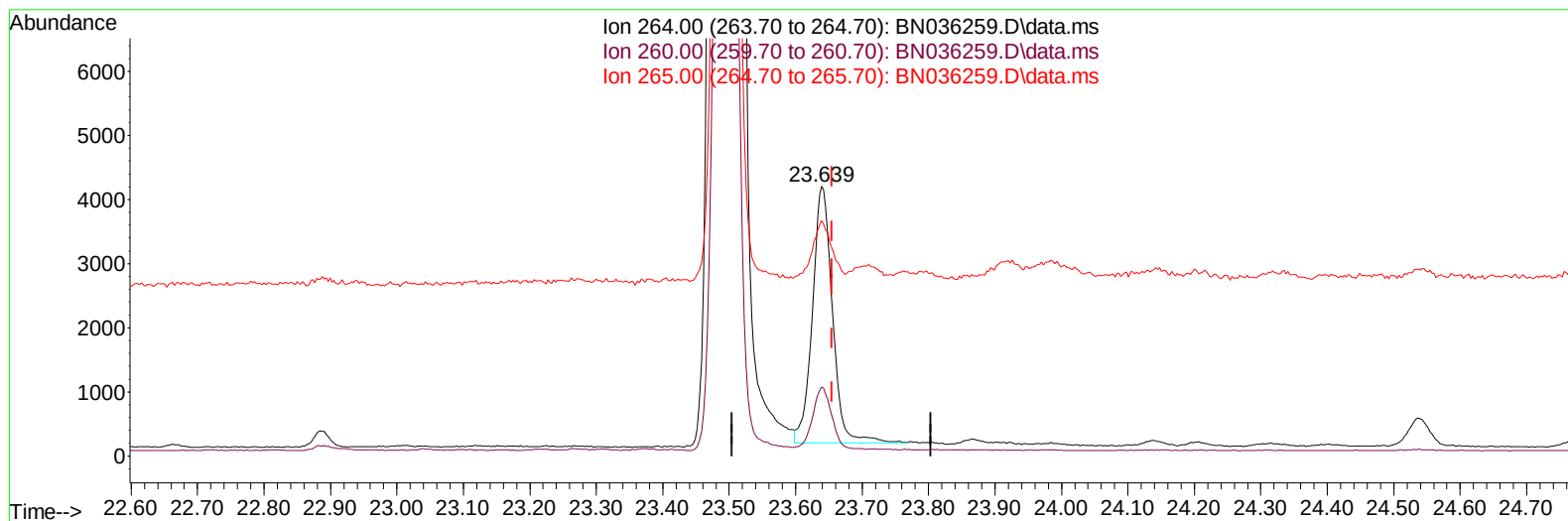
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



TIC: BN036259.D\data.ms

(23) Perylene-d12 (I)

23.639min (-0.015) 0.40 ng/u1

response 8361

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.51
265.00	53.20	87.32#
0.00	0.00	0.00

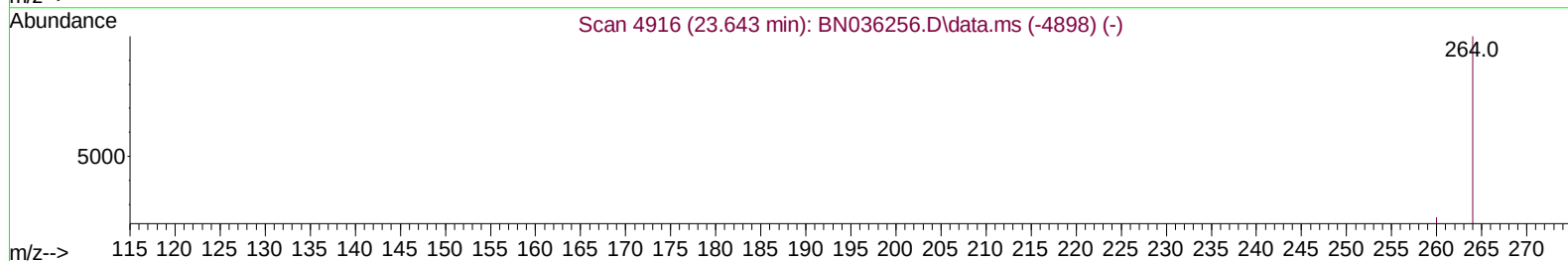
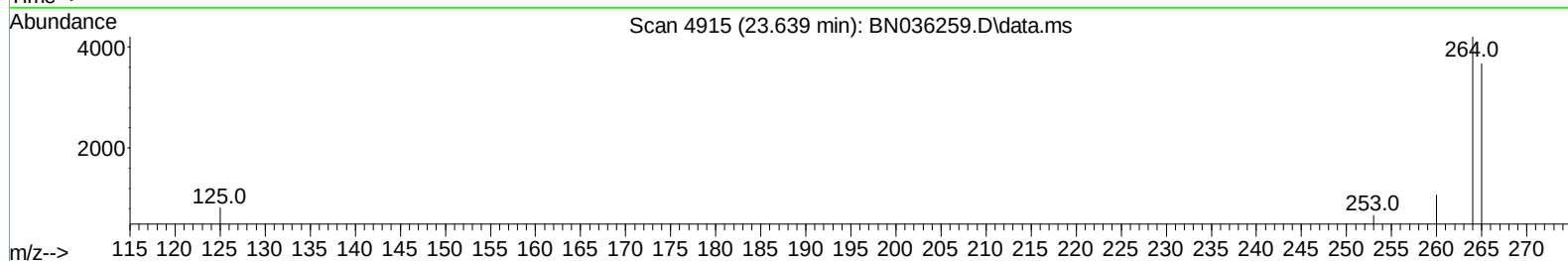
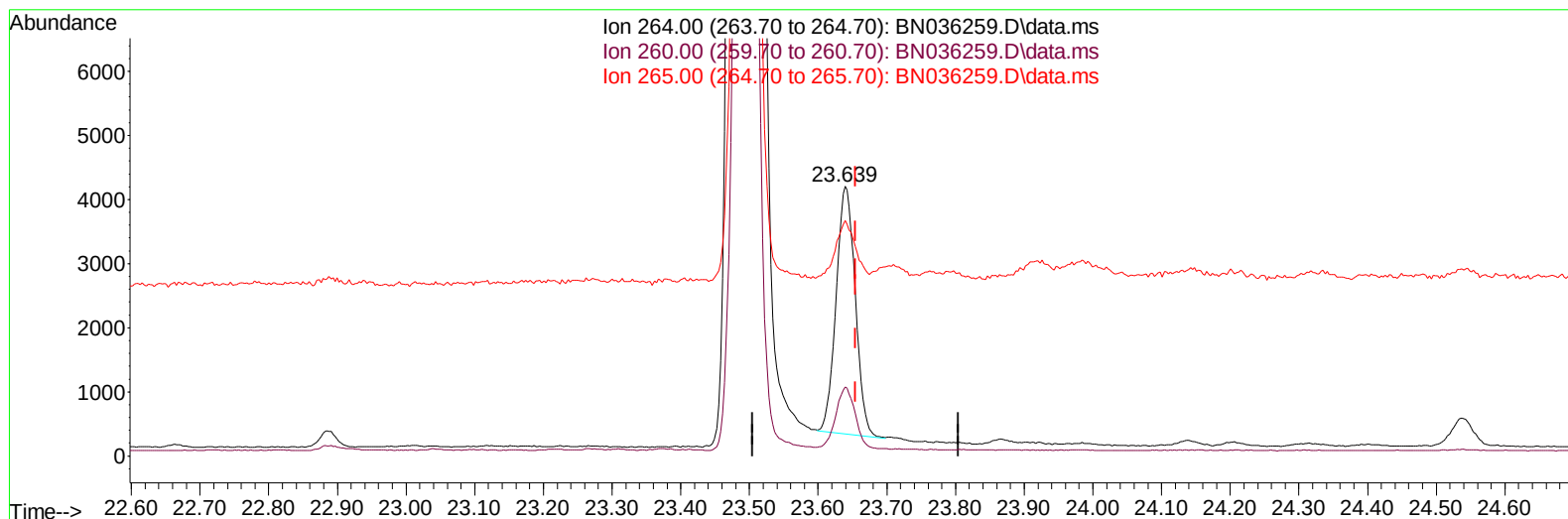
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



TIC: BN036259.D\data.ms

(23) Perylene-d12 (I)

23.639min (-0.015) 0.40 ng/ul m

response 7460

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.51
265.00	53.20	87.32#
0.00	0.00	0.00

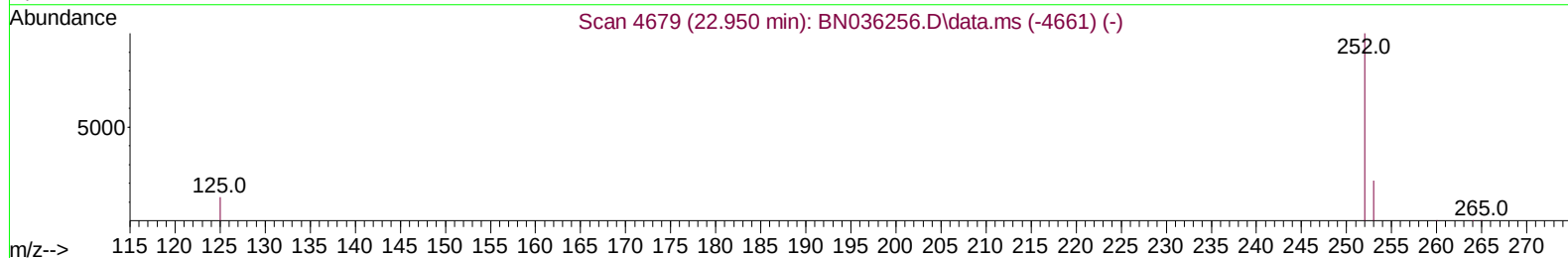
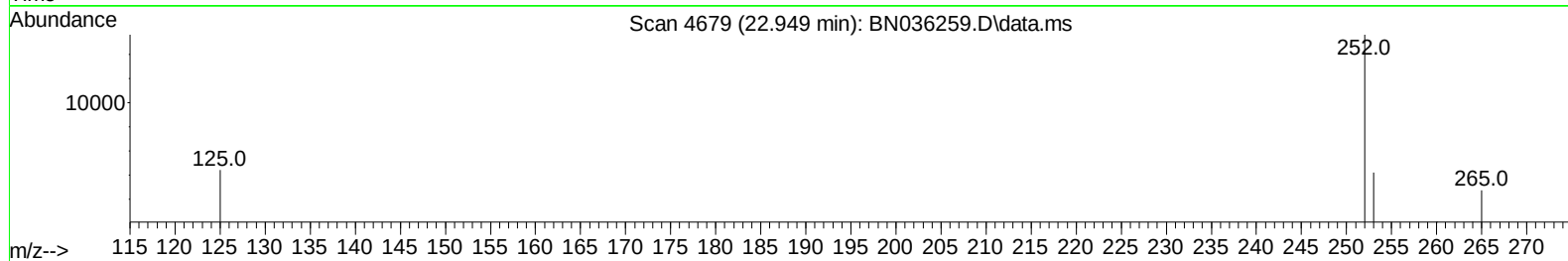
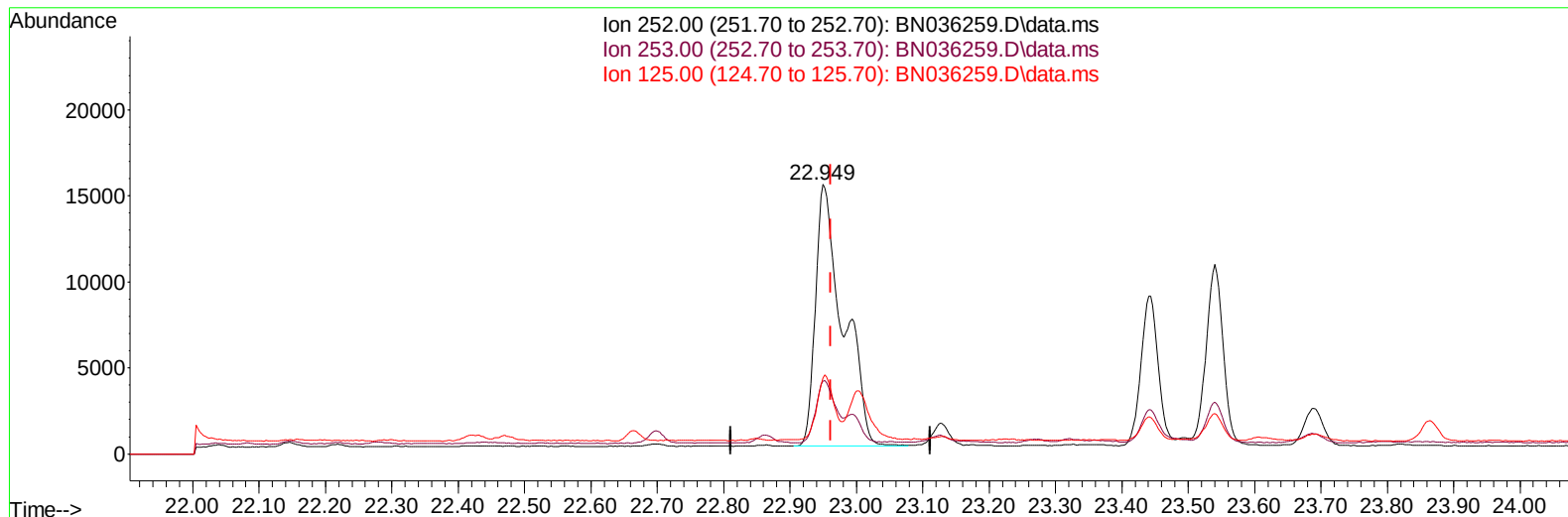
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



TIC: BN036259.D\data.ms

(24) Benzo(b)fluoranthene

22.949min (-0.012) 1.77 ng/u1

response 43976

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	27.01
125.00	13.90	28.18#
0.00	0.00	0.00

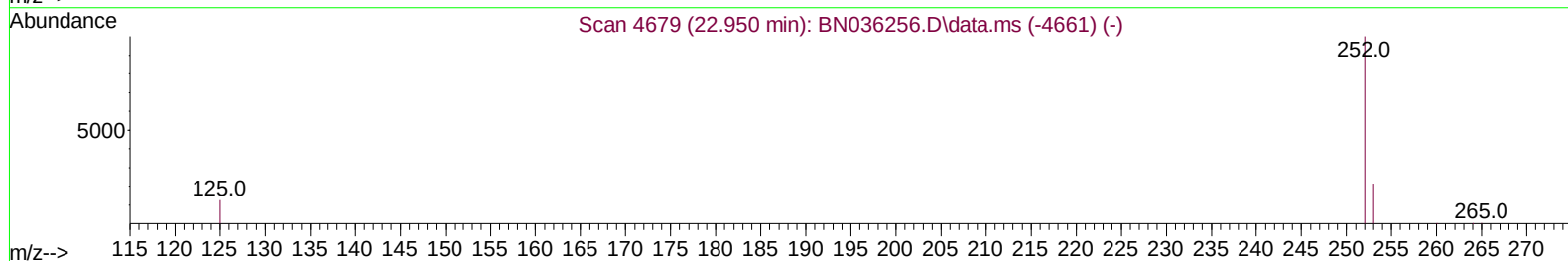
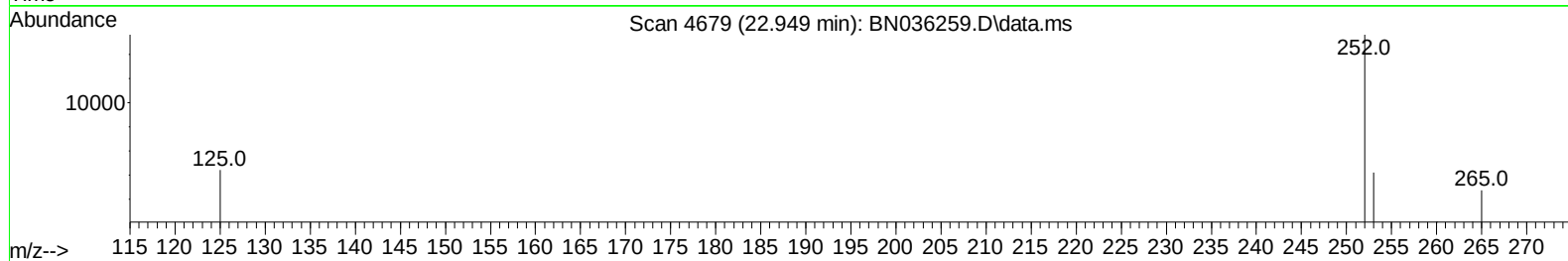
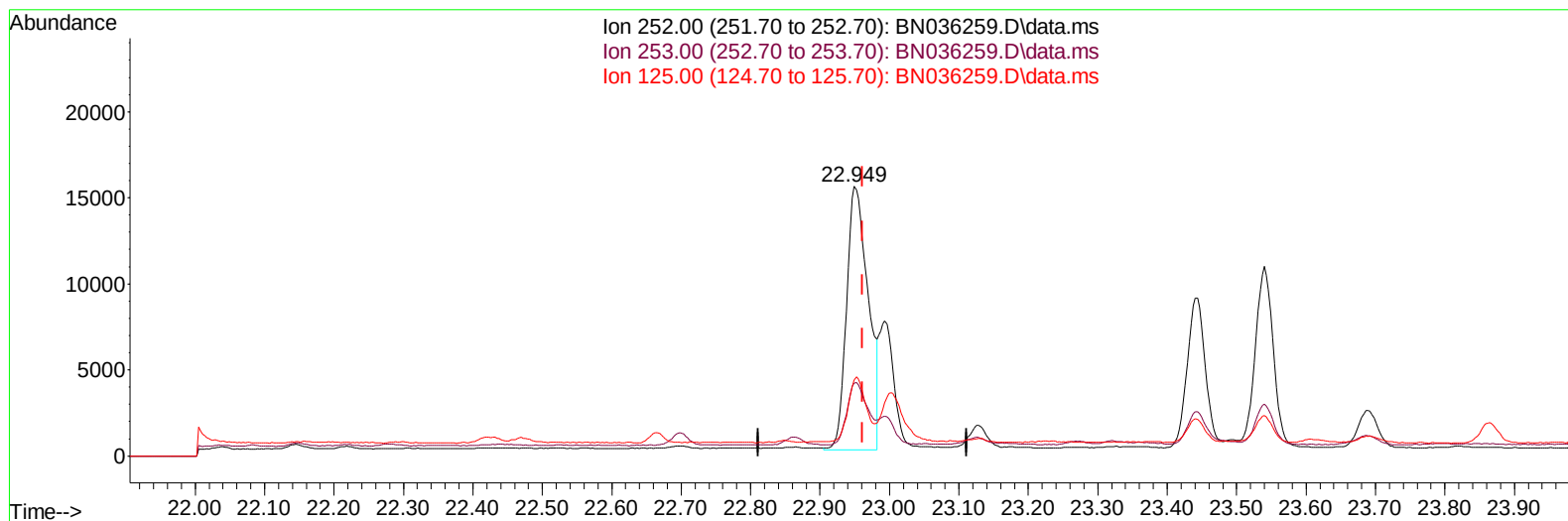
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



TIC: BN036259.D\data.ms

(24) Benzo(b)fluoranthene22.949min (-0.012) 1.33 ng/u l m

response 33143

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	27.01
125.00	13.90	28.18#
0.00	0.00	0.00

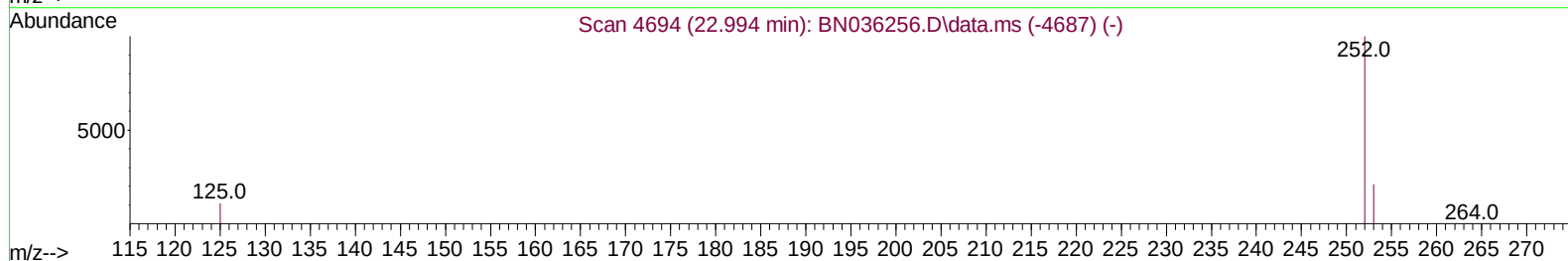
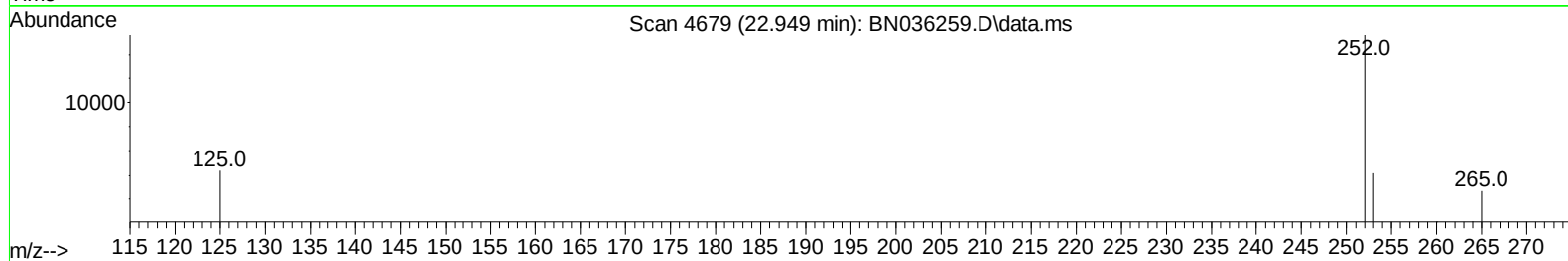
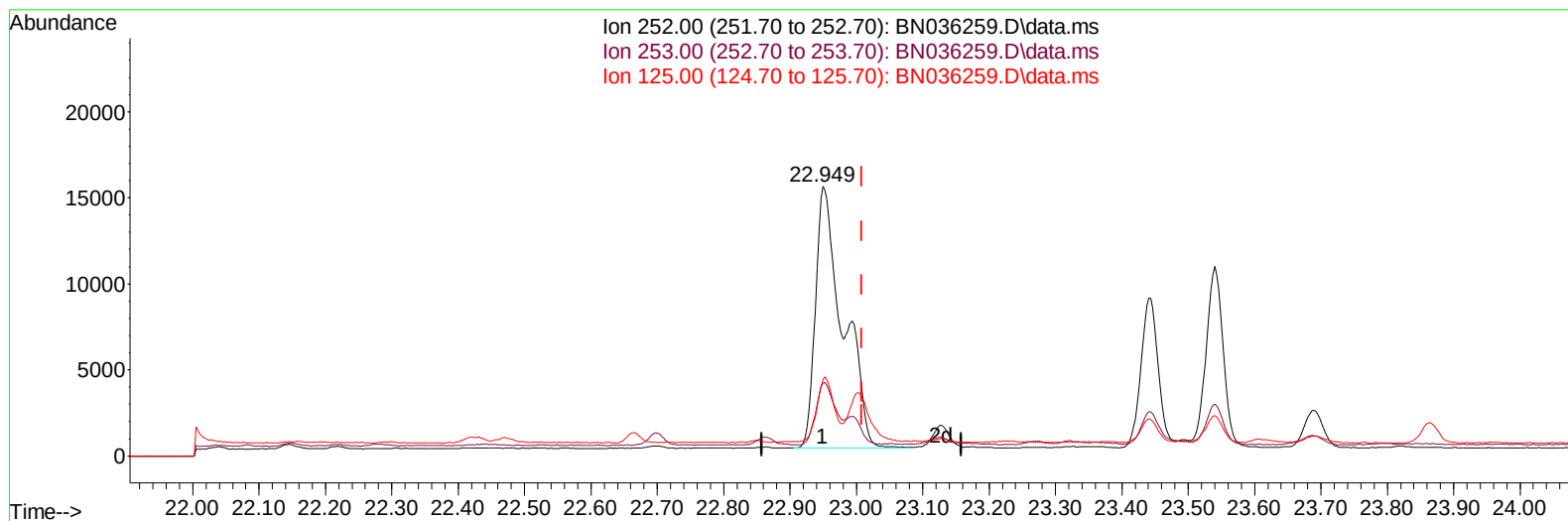
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



TIC: BN036259.D\data.ms

(25) Benzo(k)fluoranthene

22.949min (-0.059) 1.68 ng/u1

response 43976

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	27.01
125.00	13.30	28.18#
0.00	0.00	0.00

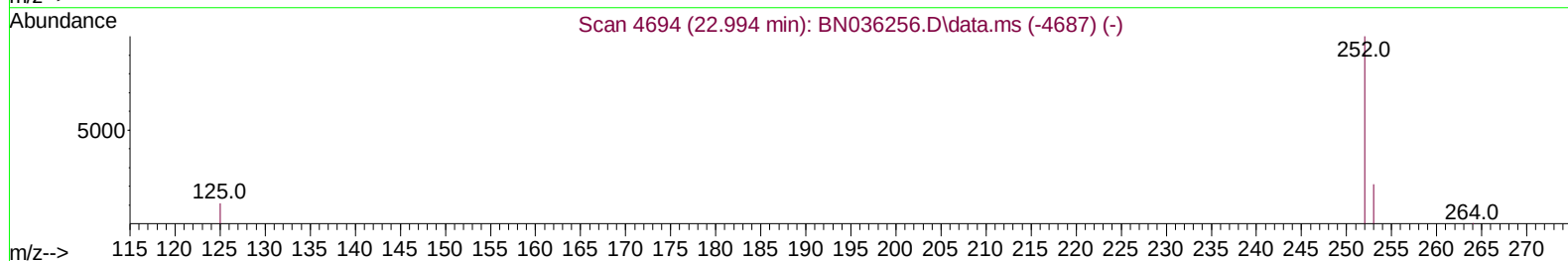
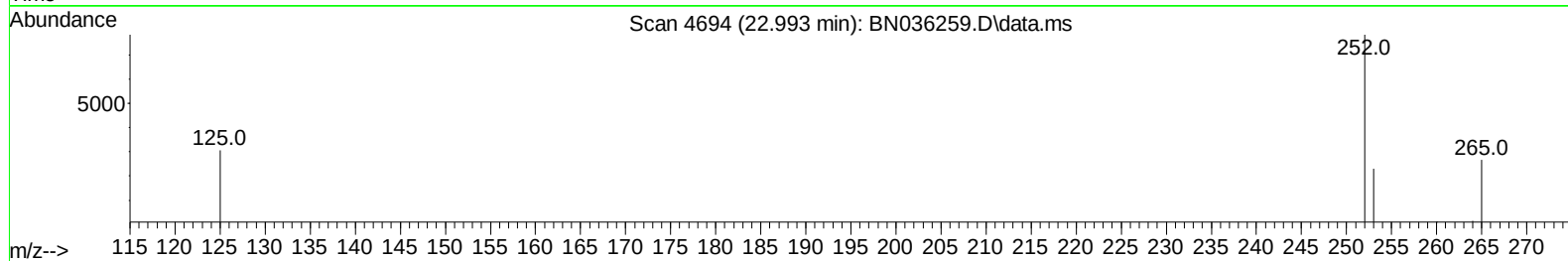
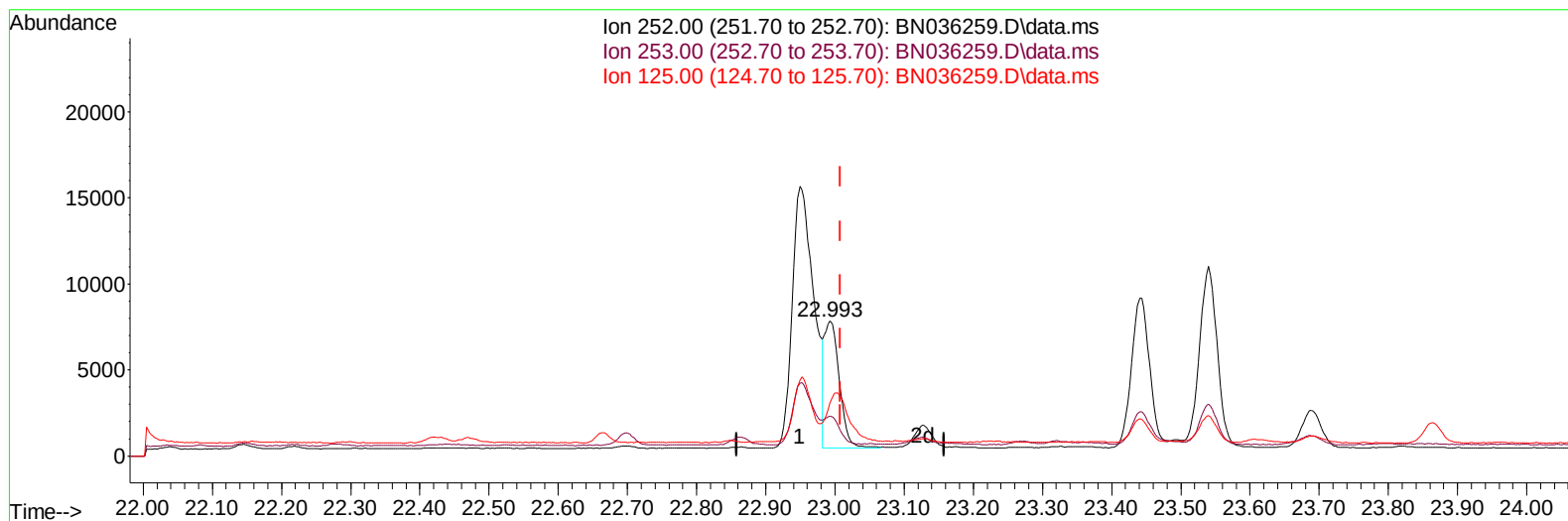
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



TIC: BN036259.D\data.ms

(25) Benzo(k)fluoranthene

22.993min (-0.015) 0.43 ng/u1 m

response 11181

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	29.45
125.00	13.30	39.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036259.D
 Acq On : 04 Feb 2025 13:19
 Operator : RC/JU
 Sample : Q1224-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6304

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:38:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.779	152		2973	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136		7017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.419	164		3874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.167	188		7701	0.400	ng/ul	0.00
17) Chrysene-d12	21.354	240		7057	0.400	ng/ul	# 0.00
23) Perylene-d12	23.639	264		7460m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.256	96		11788	3.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152		1723	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.193	212		2803	0.145	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	14.141	152		573	0.031	ng/ul#	74
12) Fluorene	15.469	166		315	0.021	ng/ul#	93
15) Phenanthrene	17.205	178		13285	0.589	ng/ul	98
16) Anthracene	17.298	178		1214	0.058	ng/ul#	83
19) Fluoranthene	19.226	202		46204	1.723	ng/ul	97
20) Pyrene	19.588	202		38637	1.380	ng/ul	96
21) Benzo(a)anthracene	21.336	228		13800	0.548	ng/ul	99
22) Chrysene	21.389	228		22337	0.868	ng/ul	98
24) Benzo(b)fluoranthene	22.949	252		33143m	1.331	ng/ul	
25) Benzo(k)fluoranthene	22.993	252		11181m	0.427	ng/ul	
26) Benzo(a)pyrene	23.540	252		18964	0.843	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.964	276		15791	0.531	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.967	278		3399	0.148	ng/ul#	69
29) Benzo(g,h,i)perylene	26.675	276		16447	0.712	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036259.D
Acq On : 04 Feb 2025 13:19
Operator : RC/JU
Sample : Q1224-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6304

Manual IntegrationsAPPROVED

Quant Time: Feb 05 07:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

