

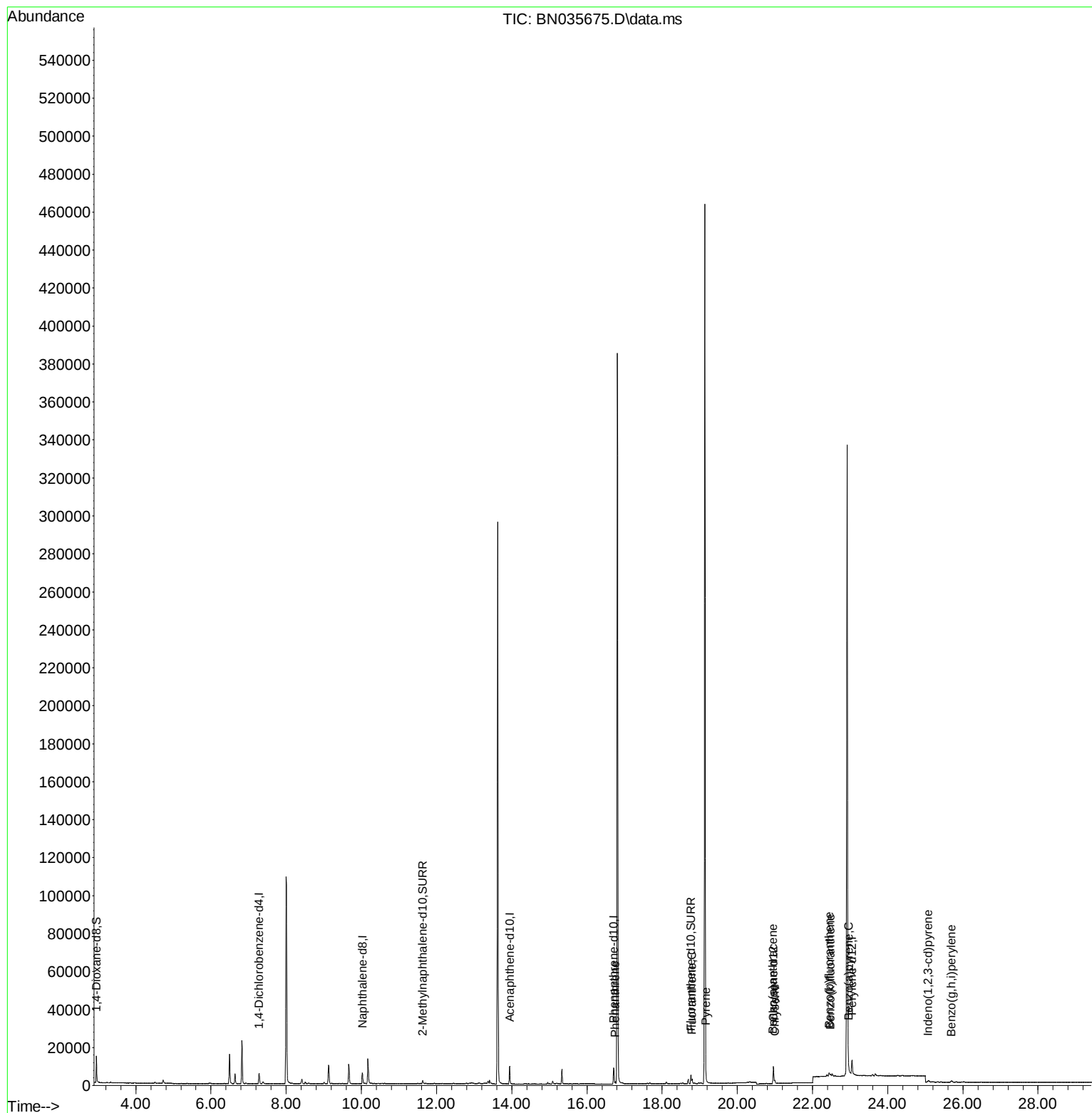
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



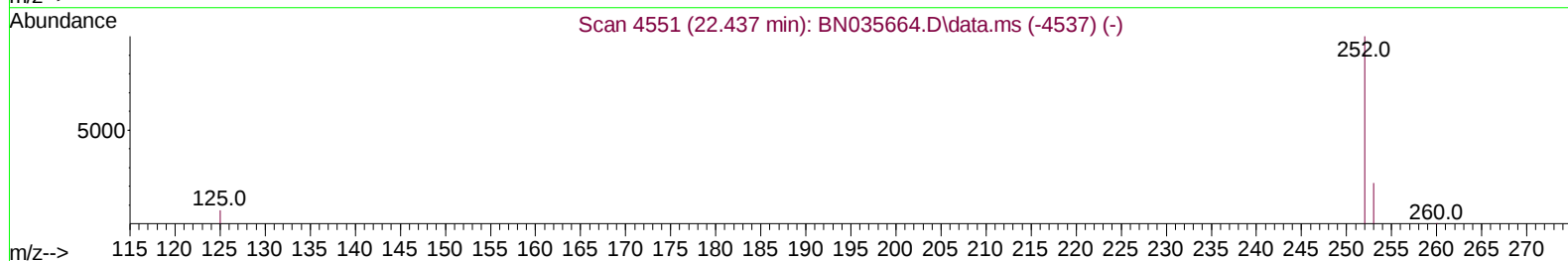
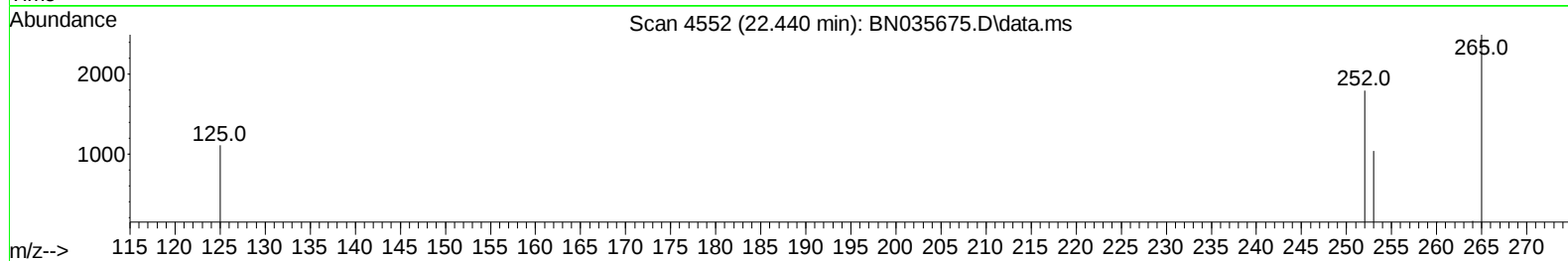
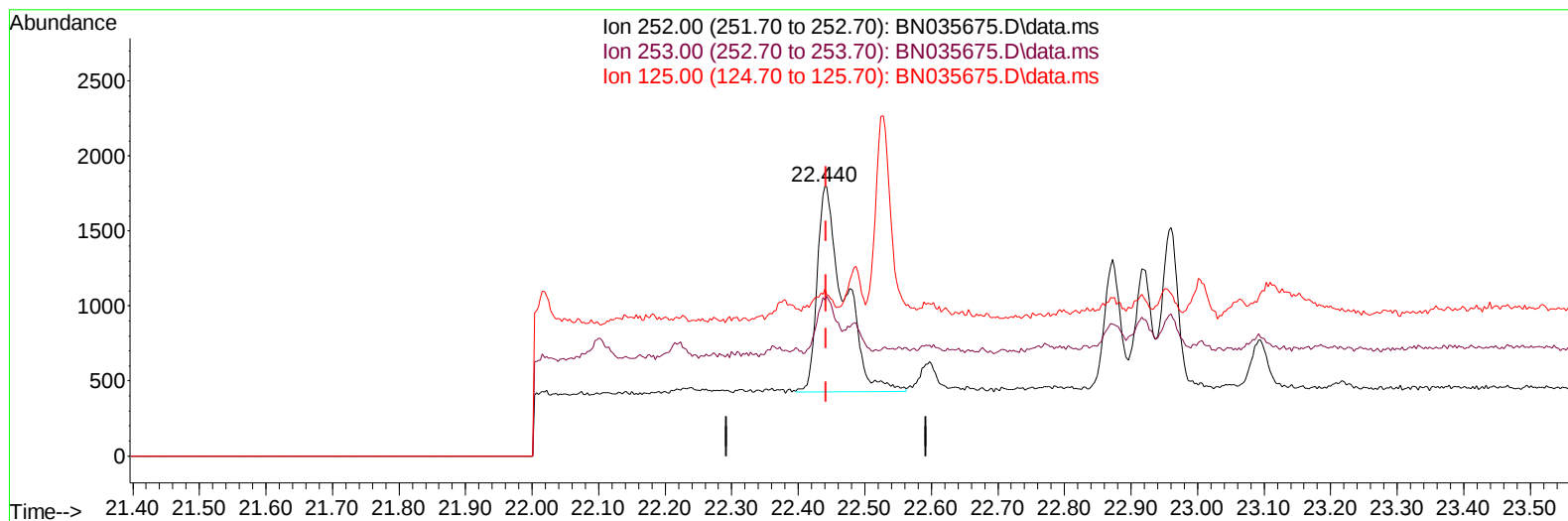
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035675.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 0.12 ng/u1

response 3859

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	57.99#
125.00	18.80	61.83#
0.00	0.00	0.00

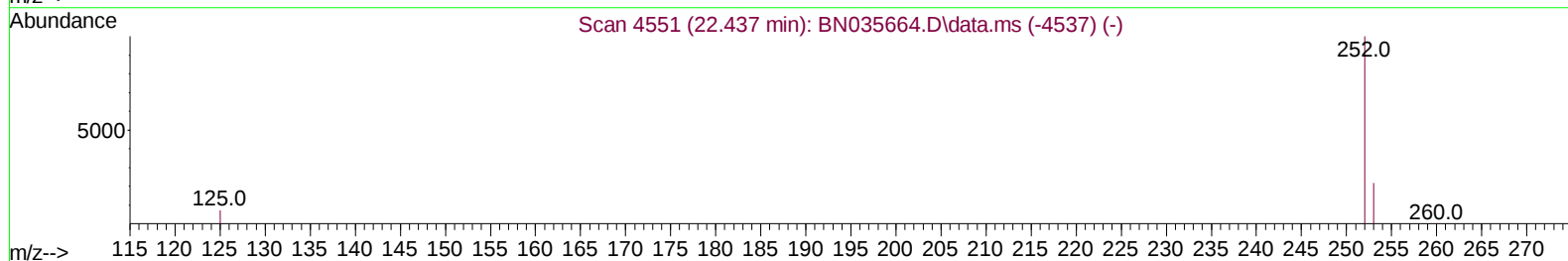
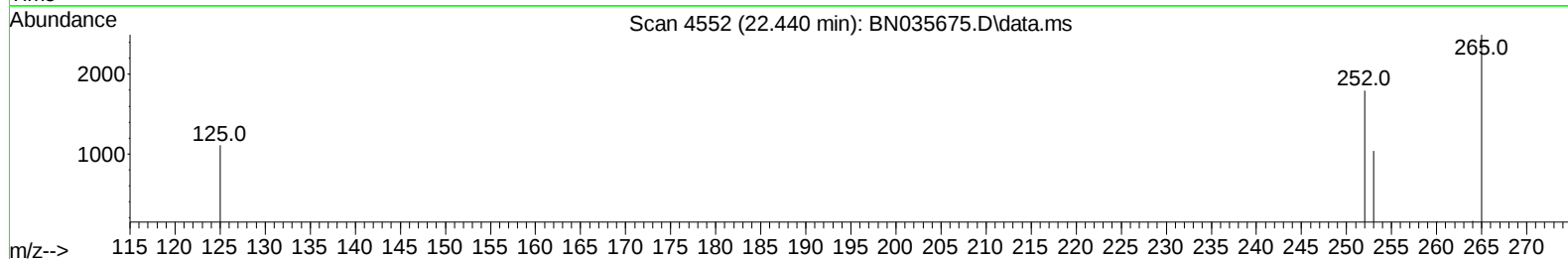
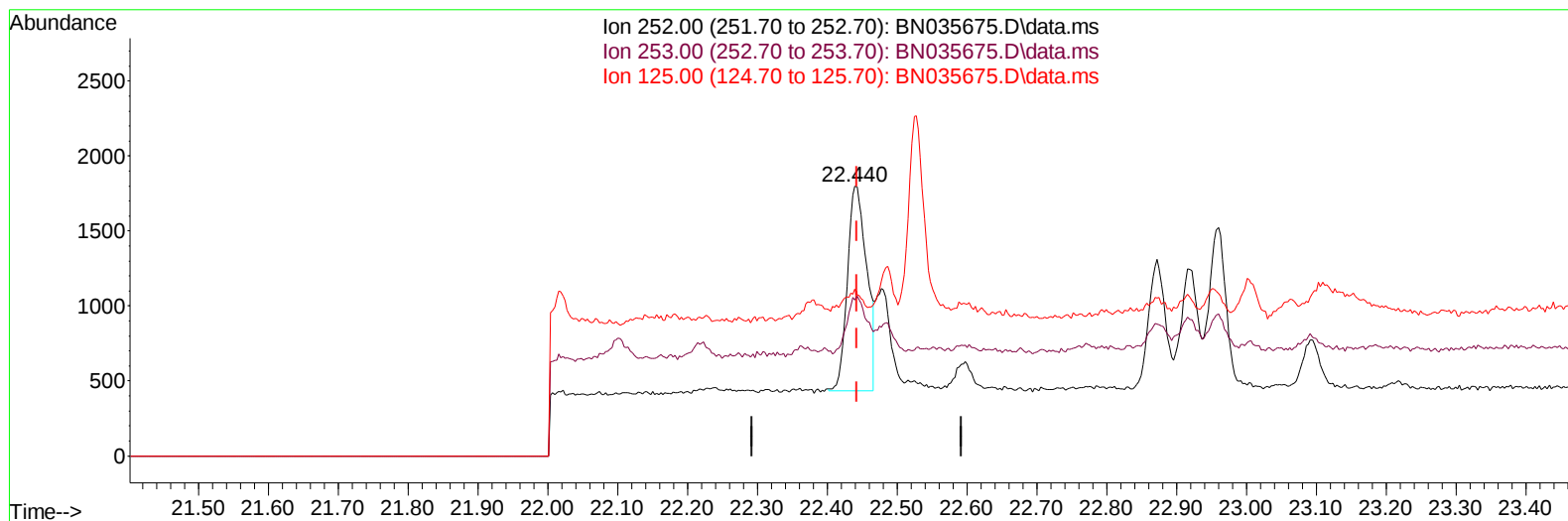
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration



TIC: BN035675.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 0.08 ng/u1 m

response 2646

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	57.99#
125.00	18.80	61.83#
0.00	0.00	0.00

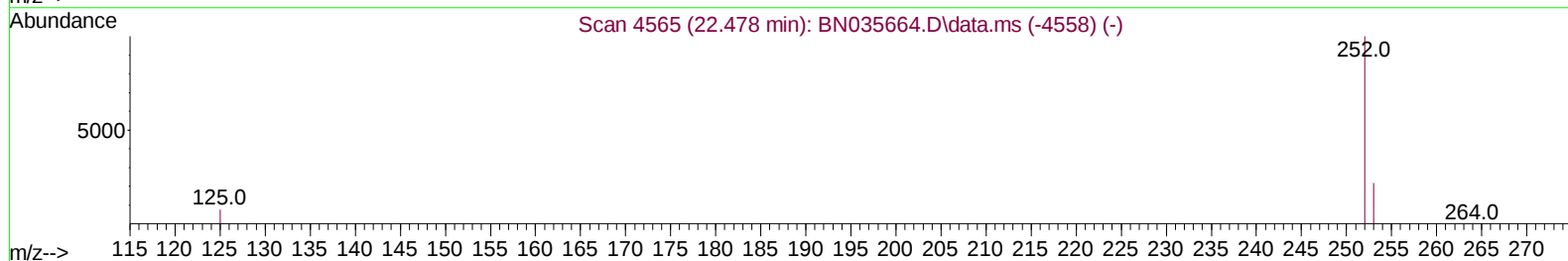
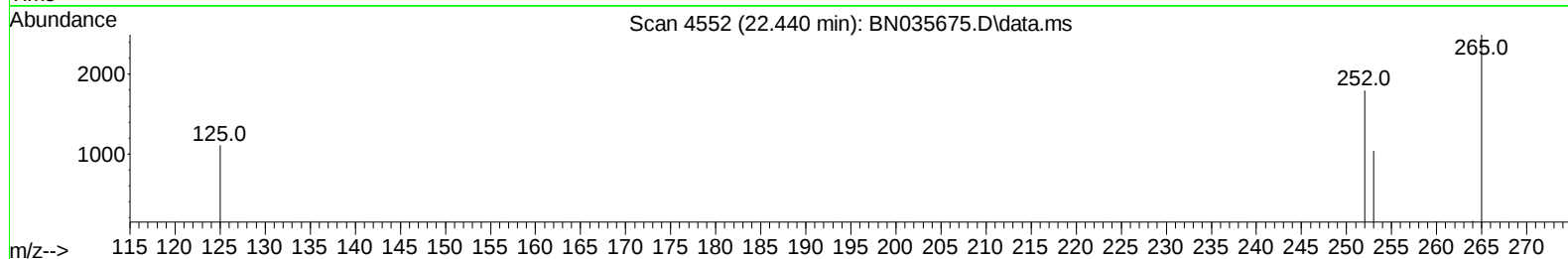
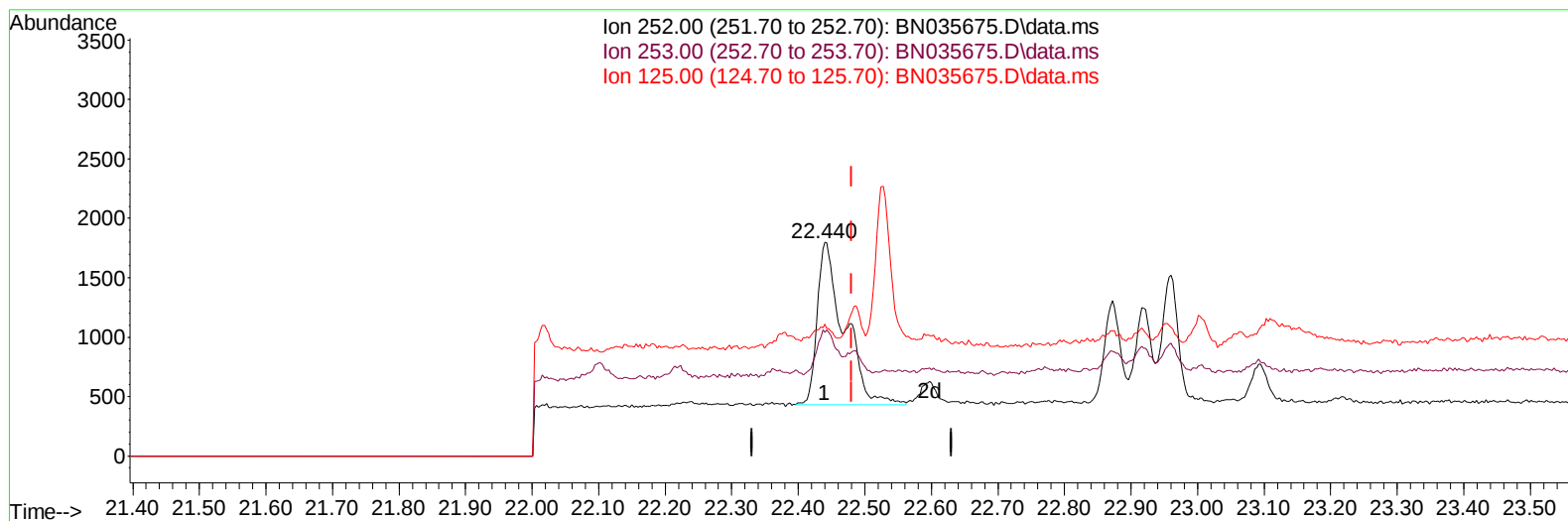
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035675.D\data.ms

(25) Benzo(k)fluoranthene

22.440min (-0.041) 0.10 ng/u1

response 3829

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	57.99#
125.00	19.10	61.83#
0.00	0.00	0.00

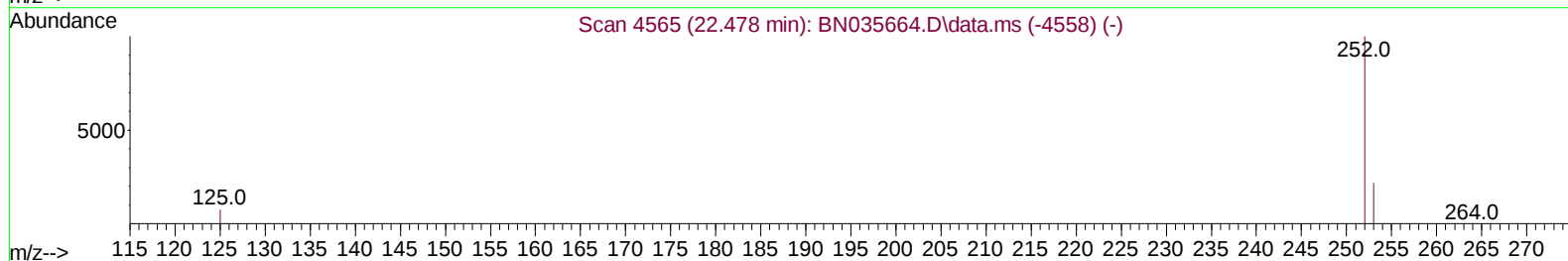
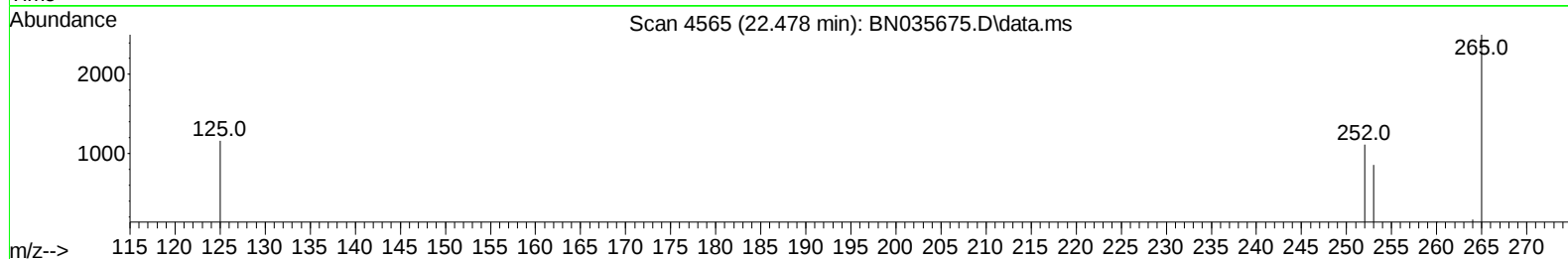
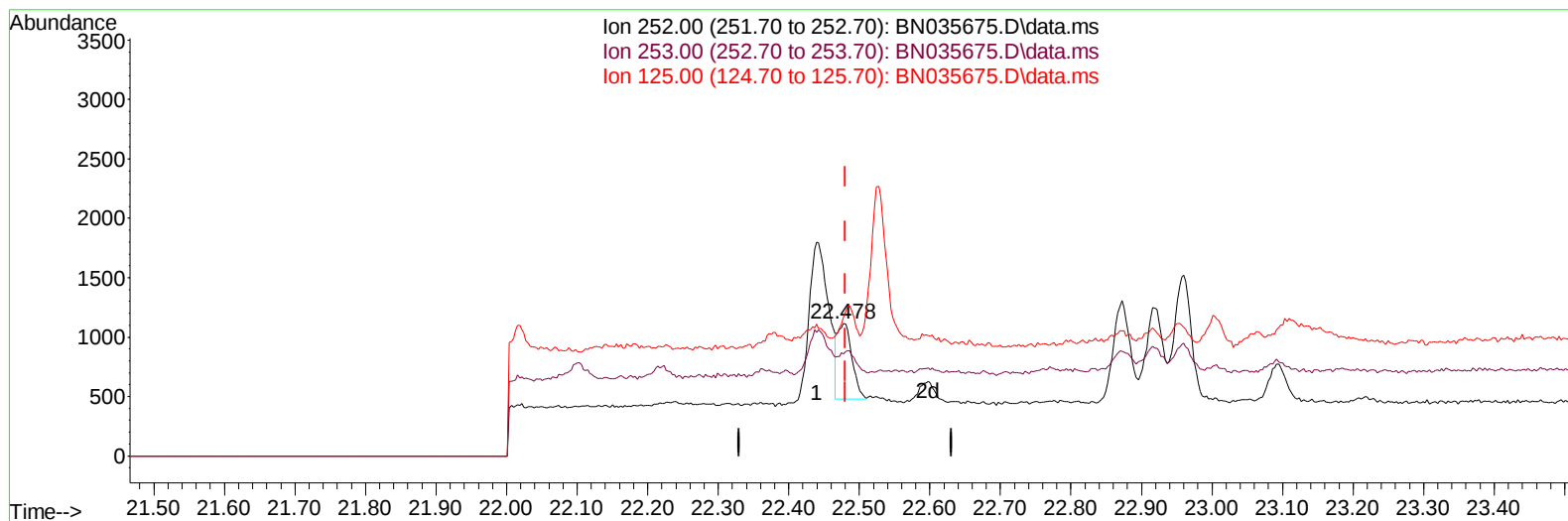
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035675.D\data.ms

(25) Benzo(k)fluoranthene

22.478min (-0.003) 0.02 ng/u1 m

response 899

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	77.06#
125.00	19.10	104.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035675.D
 Acq On : 18 Dec 2024 18:07
 Operator : RC/JU
 Sample : P5258-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 01:04:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.280	152		2534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136		7230	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164		5100	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188		10543	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240		8272	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264		11241	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.951	96		8577	3.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152		2335	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.767	212		5136	0.212	ng/ul	0.00
Target Compounds							Qvalue
15) Phenanthrene	16.751	178		1352	0.051	ng/ul#	83
19) Fluoranthene	18.795	202		2188	0.074	ng/ul#	90
20) Pyrene	19.163	202		2296	0.070	ng/ul#	87
21) Benzo(a)anthracene	20.947	228		1146	0.042	ng/ul#	73
22) Chrysene	20.996	228		1858	0.065	ng/ul#	82
24) Benzo(b)fluoranthene	22.440	252		2646m	0.080	ng/ul	
25) Benzo(k)fluoranthene	22.478	252		899m	0.025	ng/ul	
26) Benzo(a)pyrene	22.960	252		1830	0.057	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	25.081	276		1458	0.037	ng/ul#	52
29) Benzo(g,h,i)perylene	25.698	276		1665	0.053	ng/ul#	47

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