

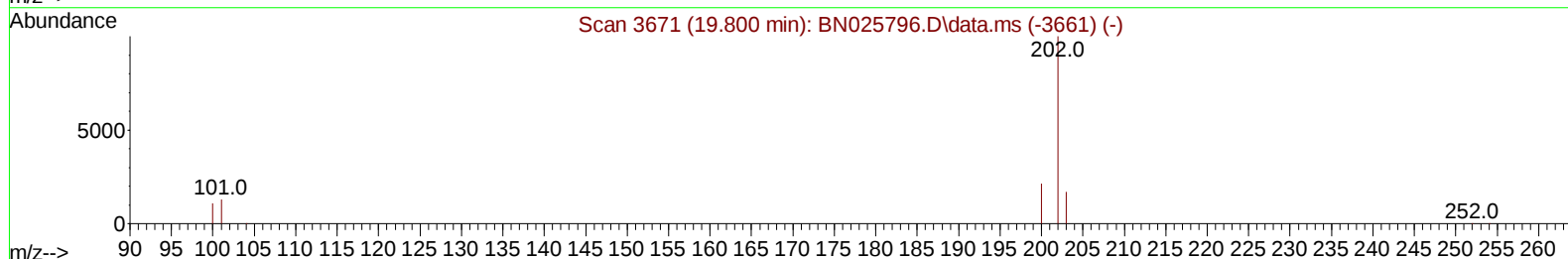
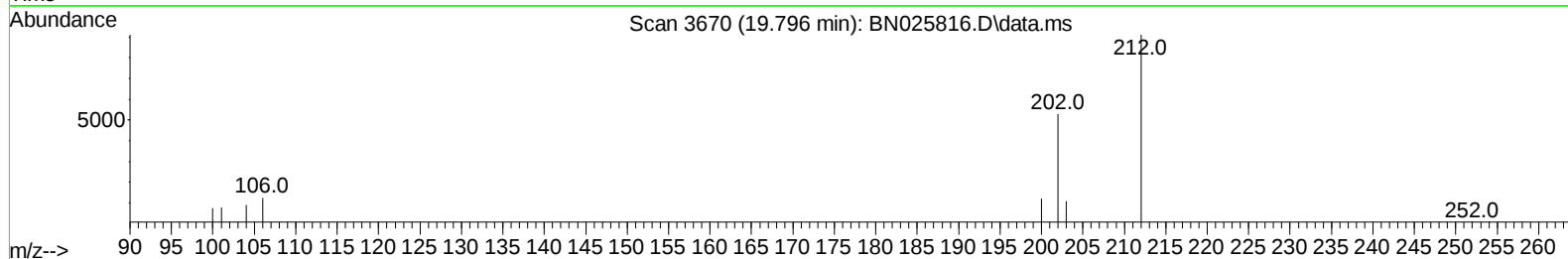
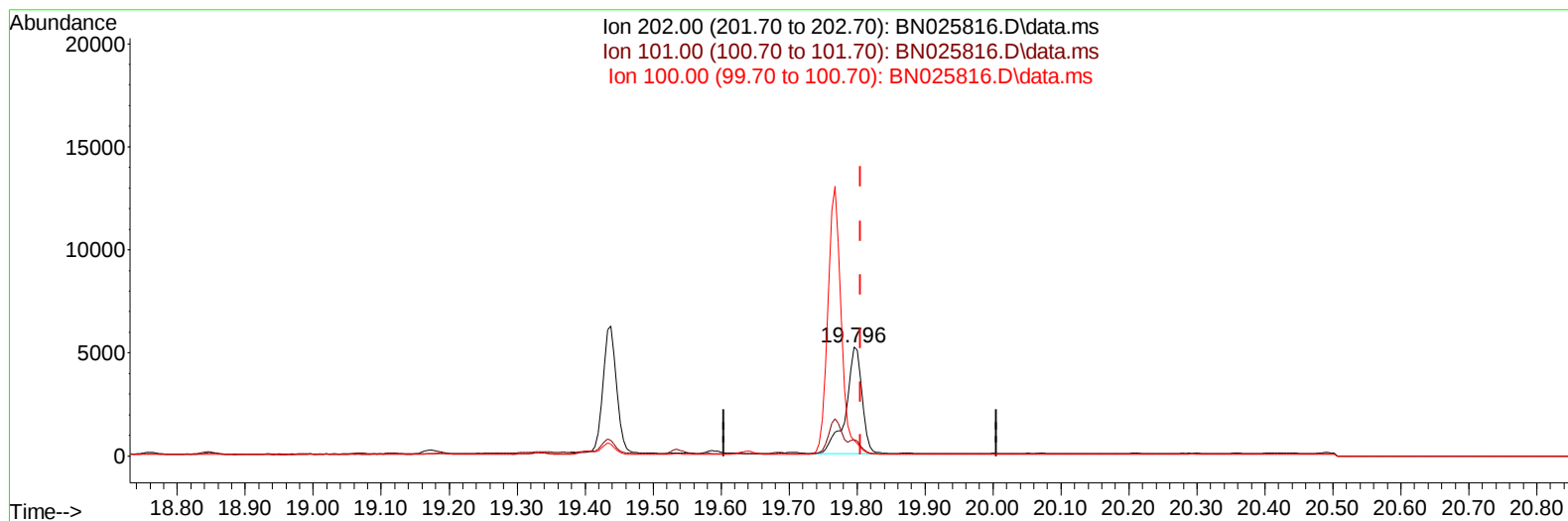
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025816.D\data.ms

(20) Pyrene

19.796min (-0.009) 0.14 ng/u1

response 8503

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.00	15.18
100.00	11.00	14.36#
0.00	0.00	0.00

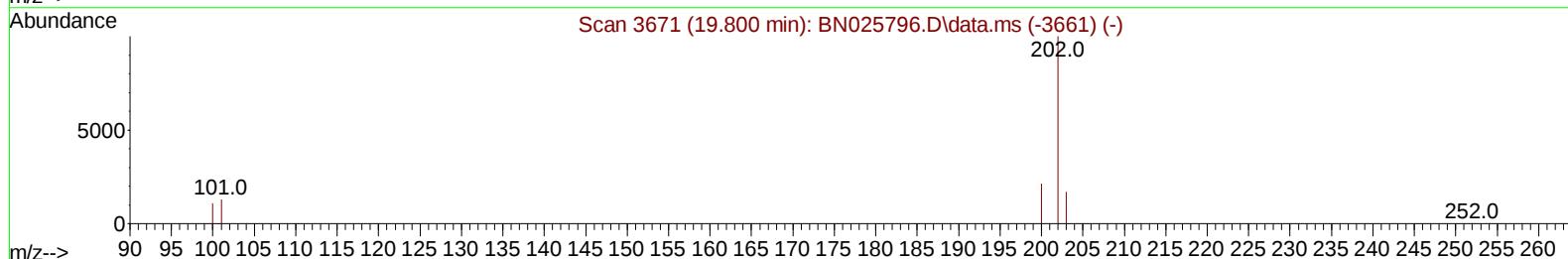
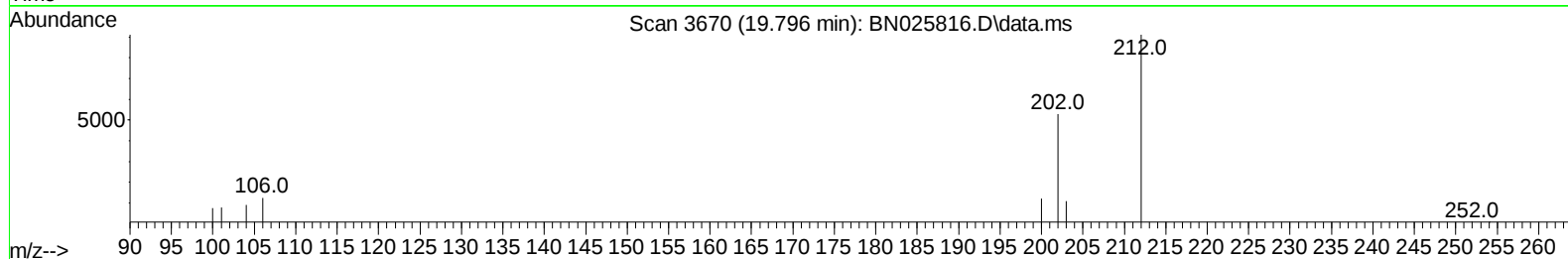
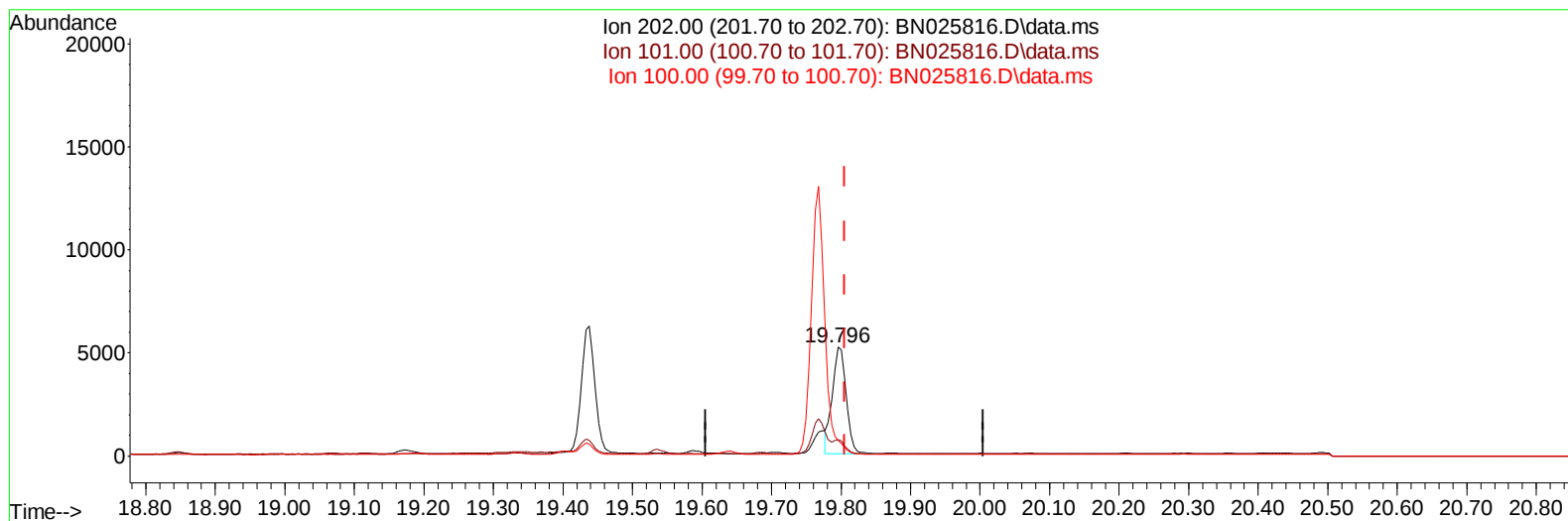
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025816.D\data.ms

(20) Pyrene

19.796min (-0.009) 0.12 ng/ul m

response 7232

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.00	15.18
100.00	11.00	14.36#
0.00	0.00	0.00

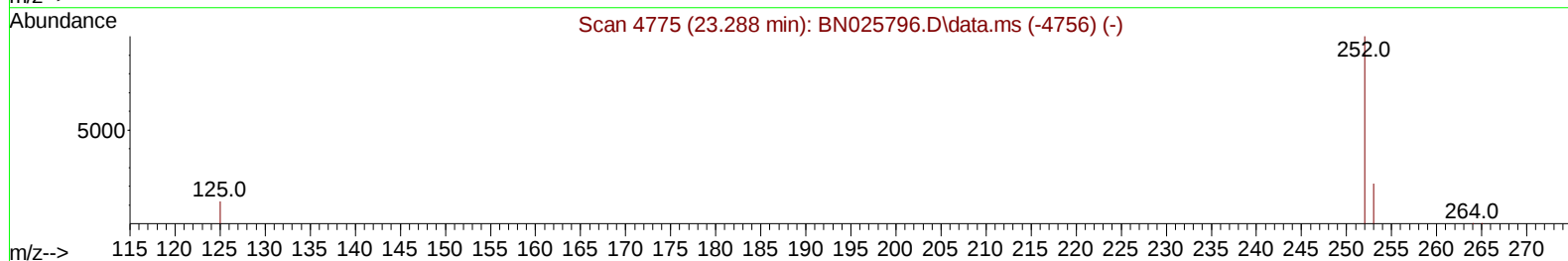
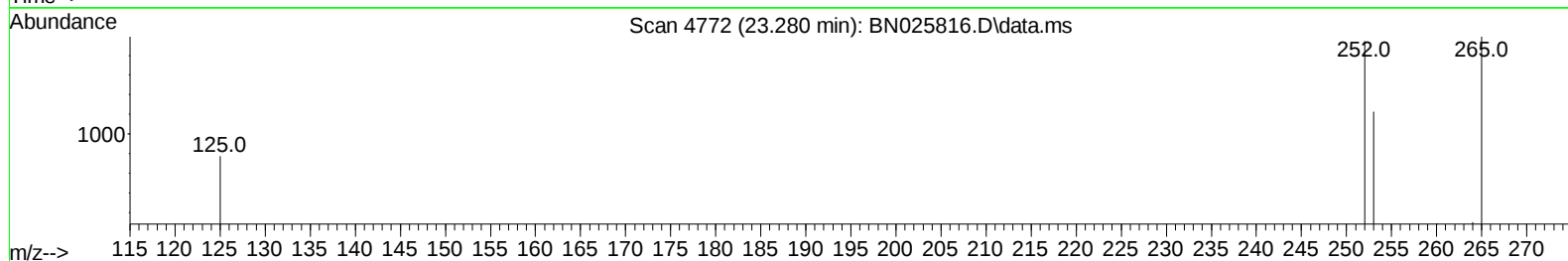
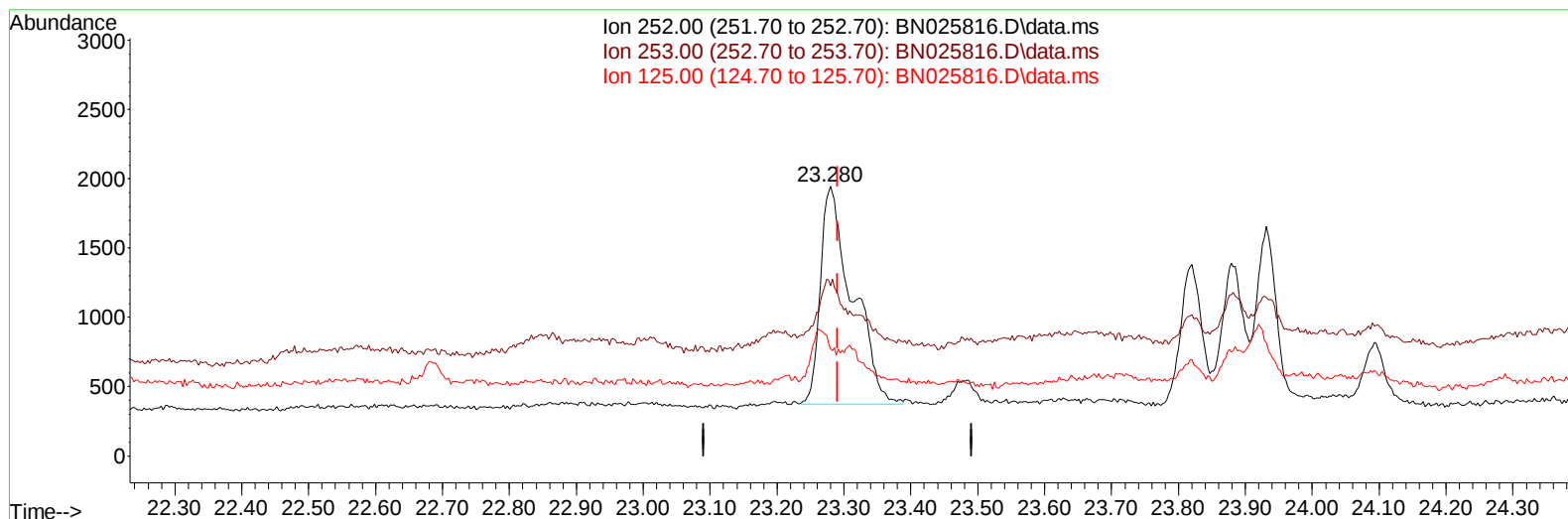
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025816.D
Acq On : 13 Jun 2023 21:36
Operator : MA/JU
Sample : 02950-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



TIC: BN025816.D\data.ms

(24) Benzo(b)fluoranthene

23.280min (-0.011) 0.09 ng/u1

response 5236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	62.98#
125.00	14.00	39.79#
0.00	0.00	0.00

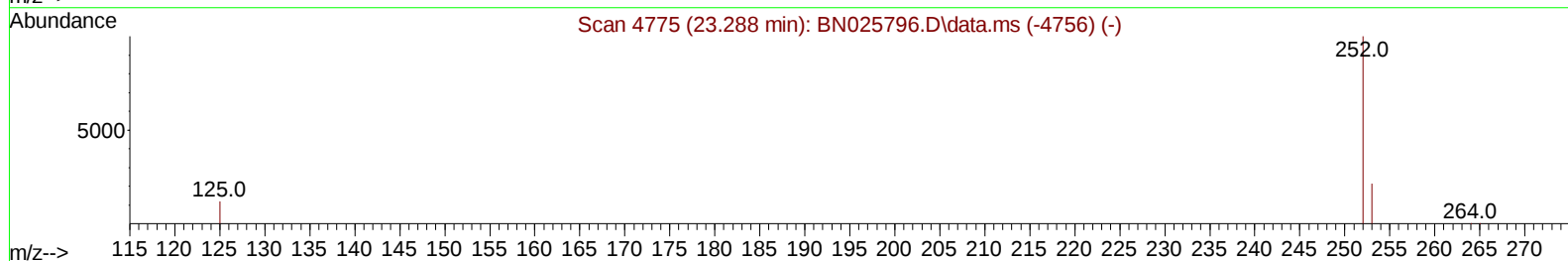
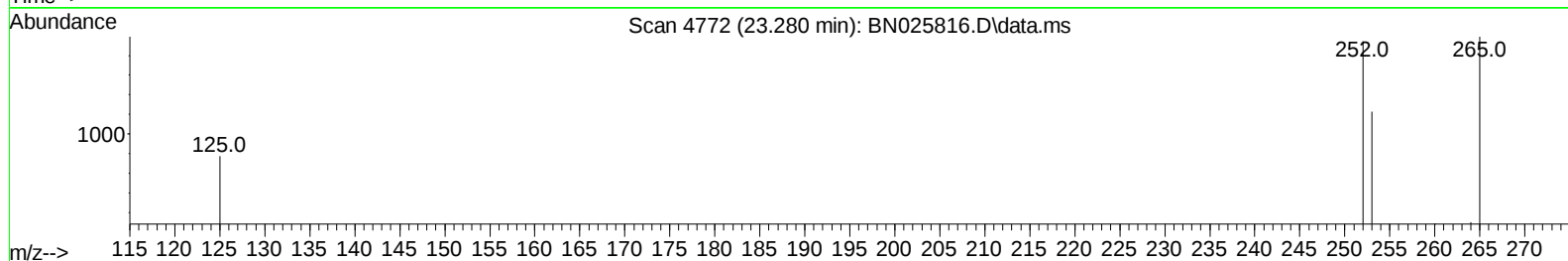
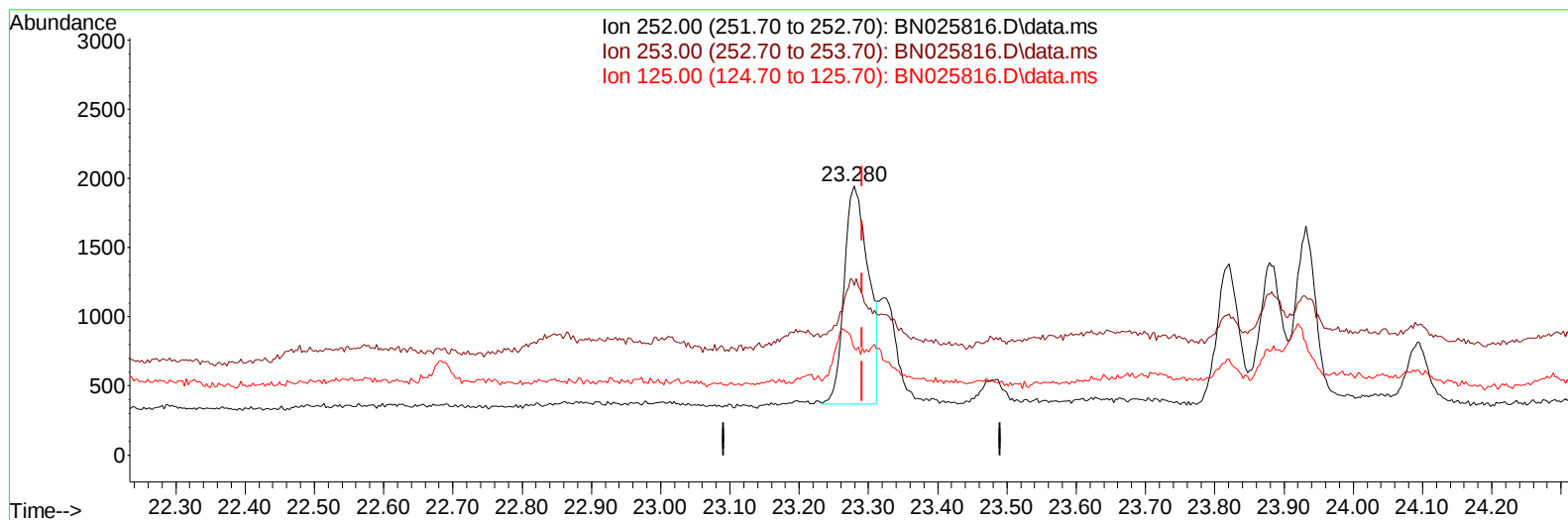
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025816.D\data.ms

(24) Benzo(b)fluoranthene

23.280min (-0.011) 0.07 ng/ul m

response 3845

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	62.98#
125.00	14.00	39.79#
0.00	0.00	0.00

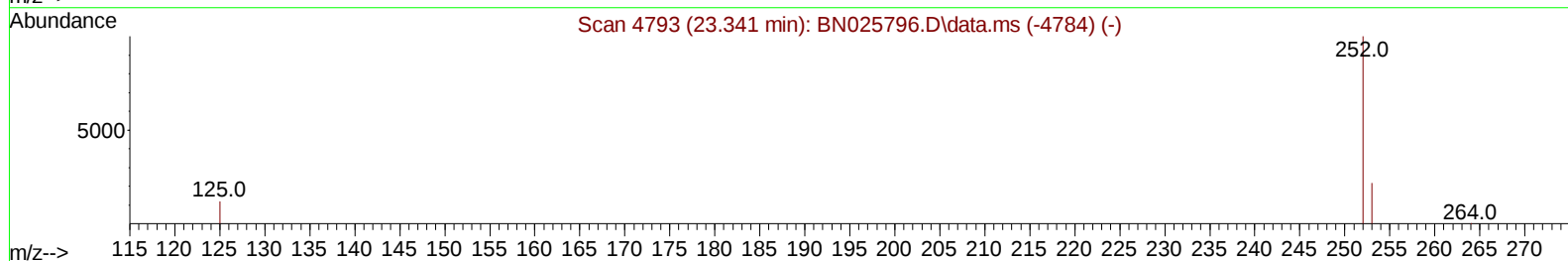
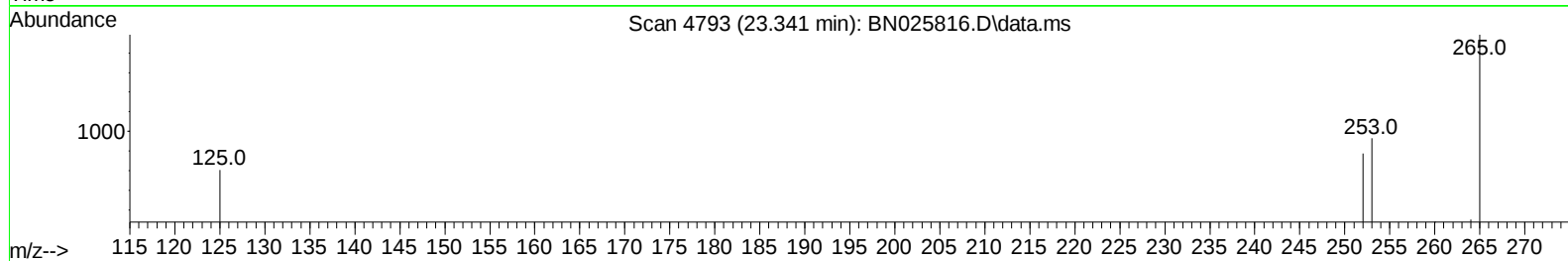
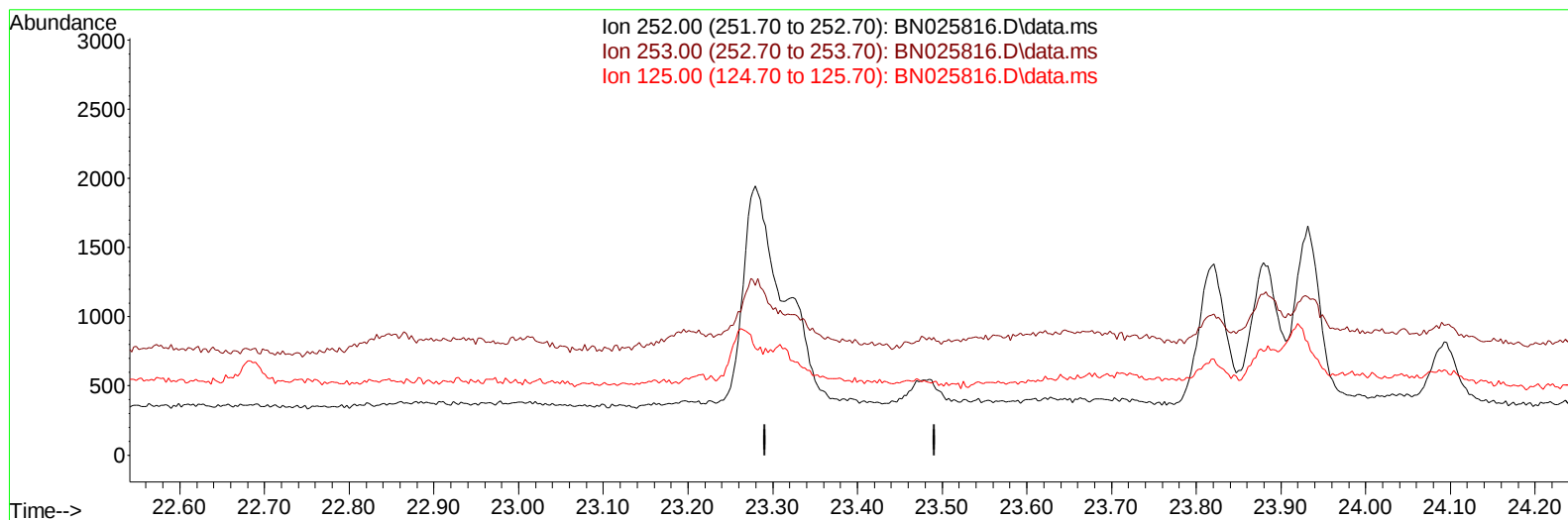
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



TIC: BN025816.D\data.ms

(25) Benzo(k)fluoranthene

23.341min (-23.341) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	29.10	0.00#
125.00	14.50	0.00#
0.00	0.00	0.00

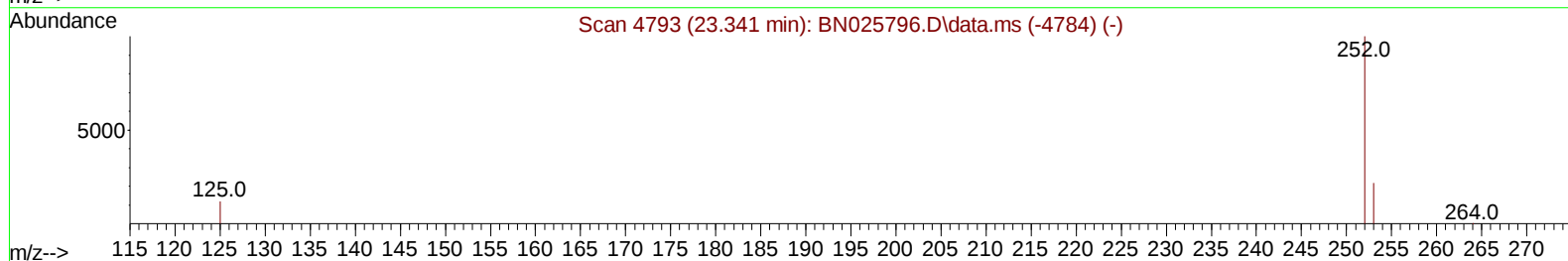
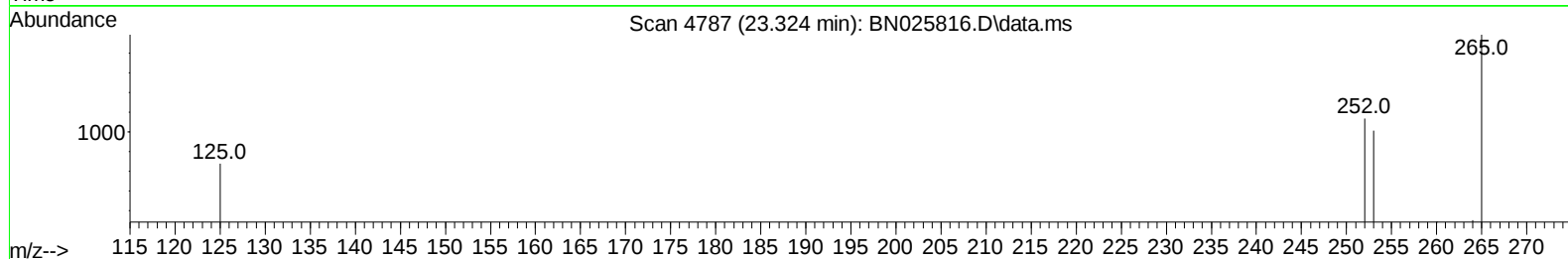
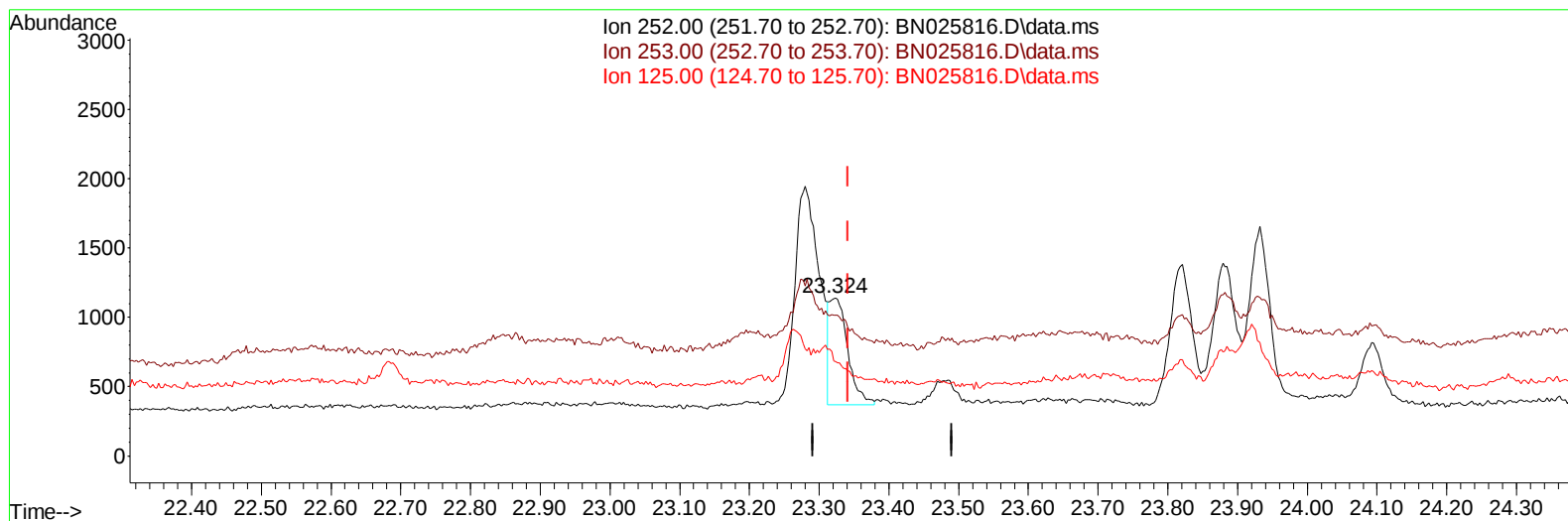
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025816.D
Acq On : 13 Jun 2023 21:36
Operator : MA/JU
Sample : 02950-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



TIC: BN025816.D\data.ms

(25) Benzo(k)fluoranthene

23.324min (-0.017) 0.02 ng/u1 m

response 1407

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	89.04#
125.00	14.50	59.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW988

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:49:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152		8317	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136		25423	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164		14488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188		26598	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240		13226	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264		14318	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96		21997	2.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152		5633	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.405	212		8781	0.211	ng/ul	0.00
Target Compounds							
						Qvalue	
15) Phenanthrene	17.423	178		5249	0.068	ng/ul	96
16) Anthracene	17.516	178		1347	0.021	ng/ul#	77
19) Fluoranthene	19.438	202		8736	0.144	ng/ul	99
20) Pyrene	19.796	202		7232m	0.115	ng/ul	
21) Benzo(a)anthracene	21.543	228		2517	0.060	ng/ul#	89
22) Chrysene	21.596	228		2999	0.062	ng/ul#	87
24) Benzo(b)fluoranthene	23.280	252		3845m	0.066	ng/ul	
25) Benzo(k)fluoranthene	23.324	252		1407m	0.024	ng/ul	
26) Benzo(a)pyrene	23.932	252		2324	0.047	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.641	276		5047	0.089	ng/ul#	63
29) Benzo(g,h,i)perylene	27.446	276		2016	0.040	ng/ul#	74

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025816.D
Acq On : 13 Jun 2023 21:36
Operator : MA/JU
Sample : 02950-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW988

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

