

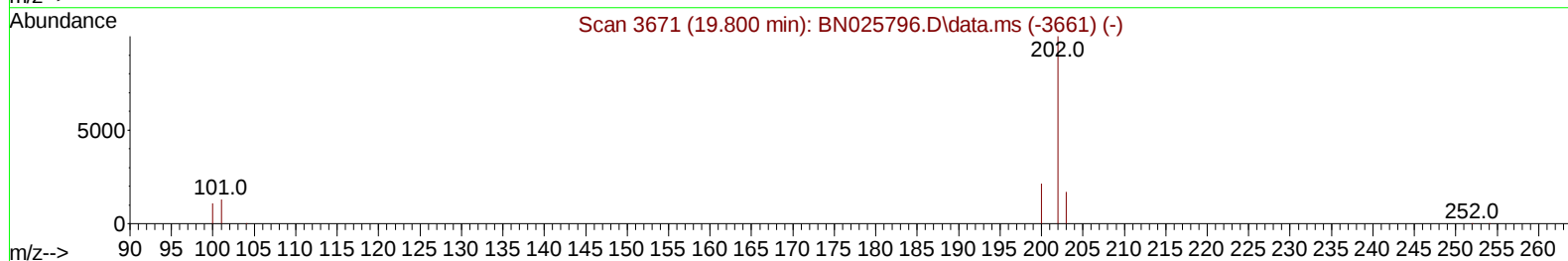
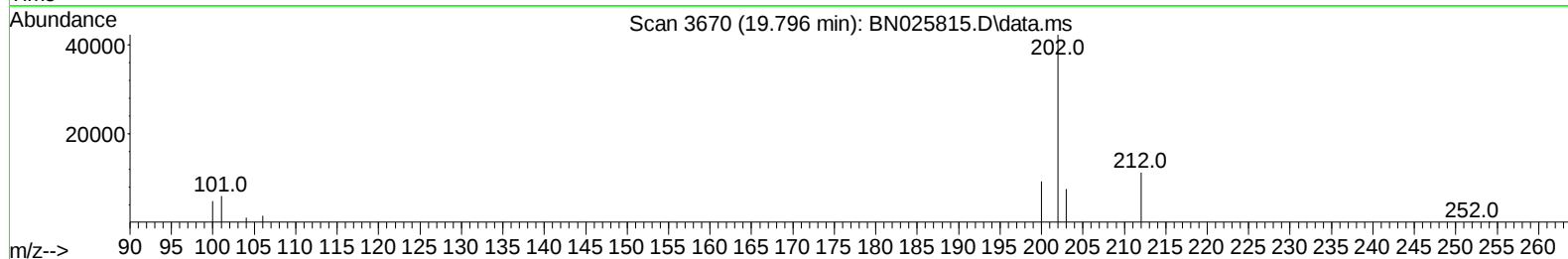
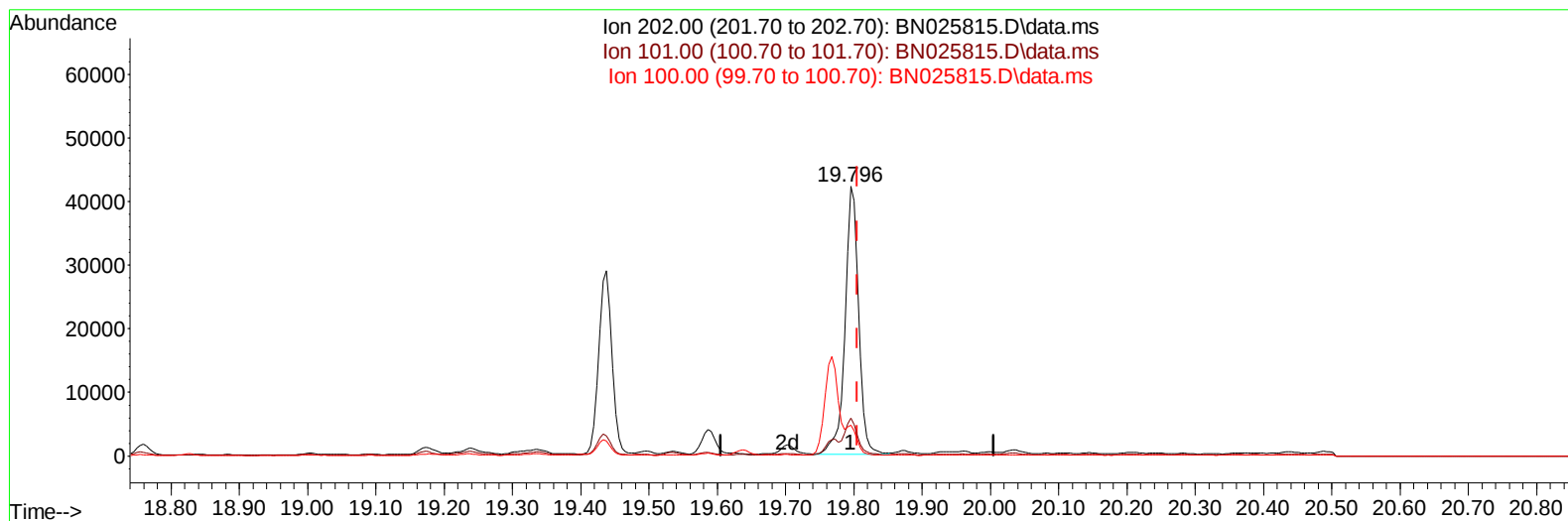
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025815.D
Acq On : 13 Jun 2023 20:59
Operator : MA/JU
Sample : 02950-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(20) Pyrene

19.796min (-0.009) 0.79 ng/u1

response 57953

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.00	13.95
100.00	11.00	11.46
0.00	0.00	0.00

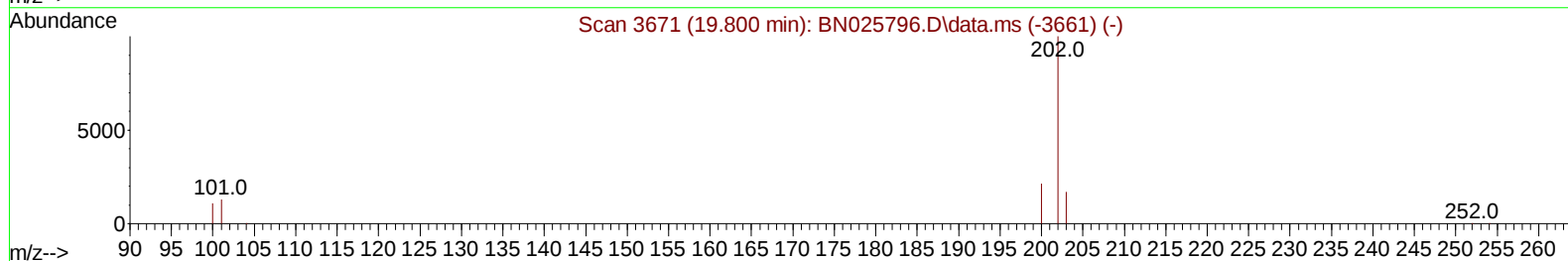
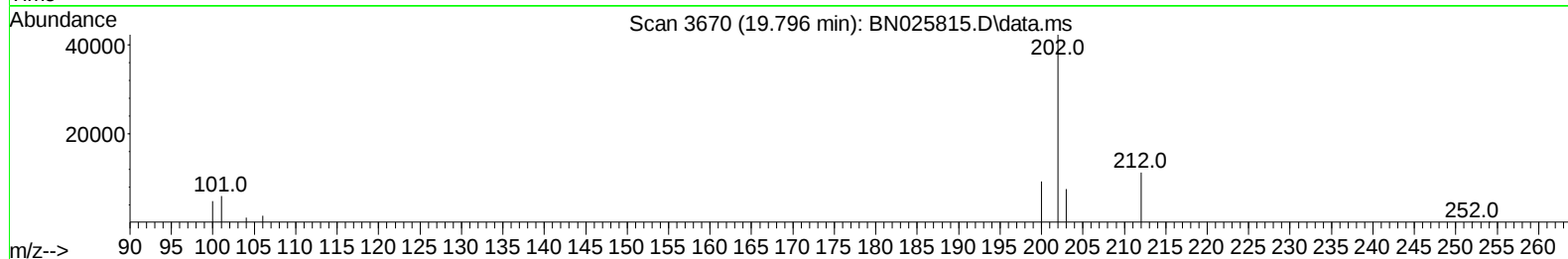
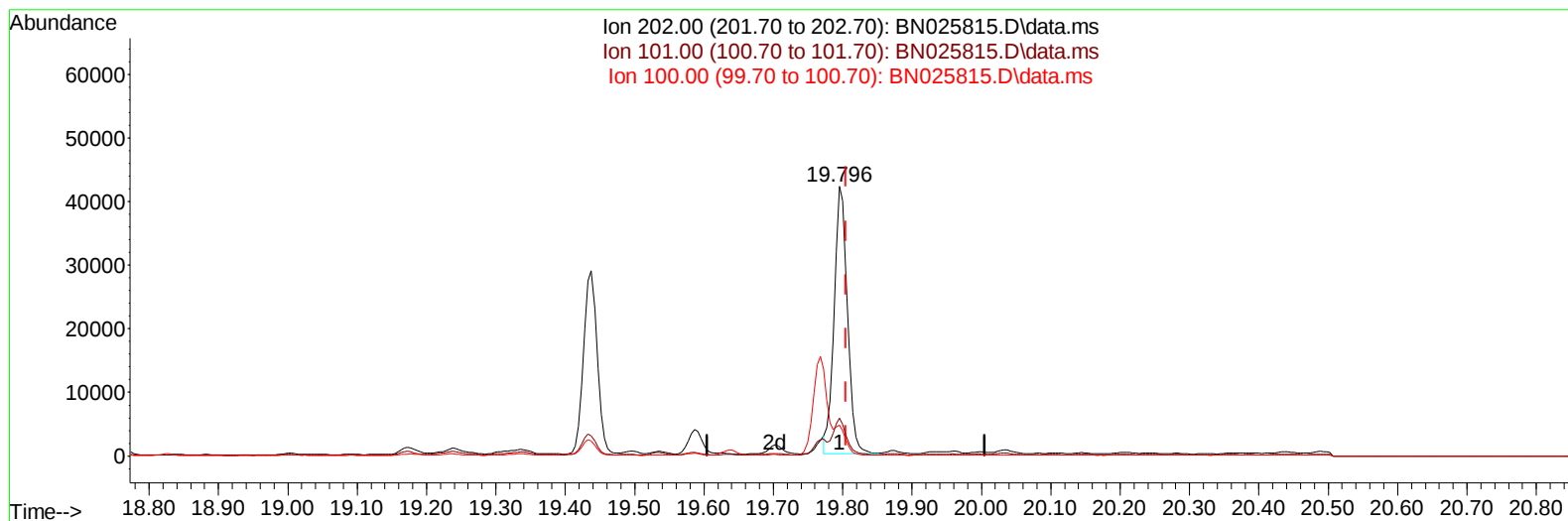
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025815.D
Acq On : 13 Jun 2023 20:59
Operator : MA/JU
Sample : 02950-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(20) Pyrene

19.796min (-0.009) 0.76 ng/u1 m

response 55653

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.00	13.95
100.00	11.00	11.46
0.00	0.00	0.00

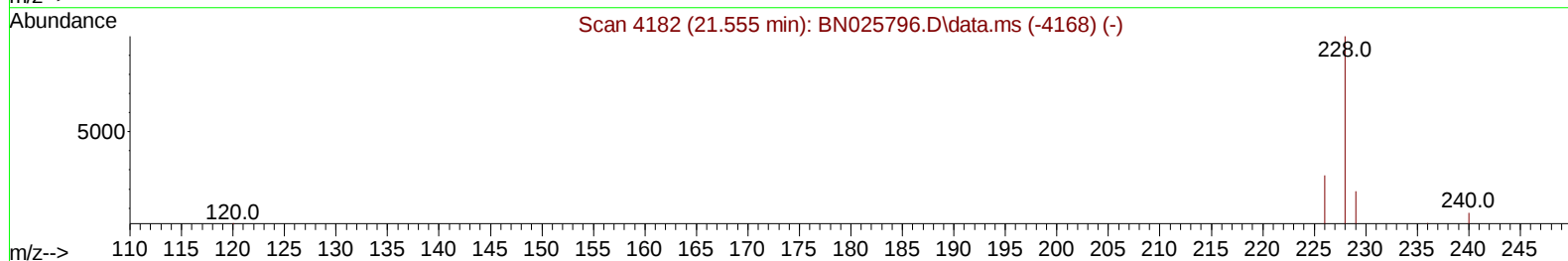
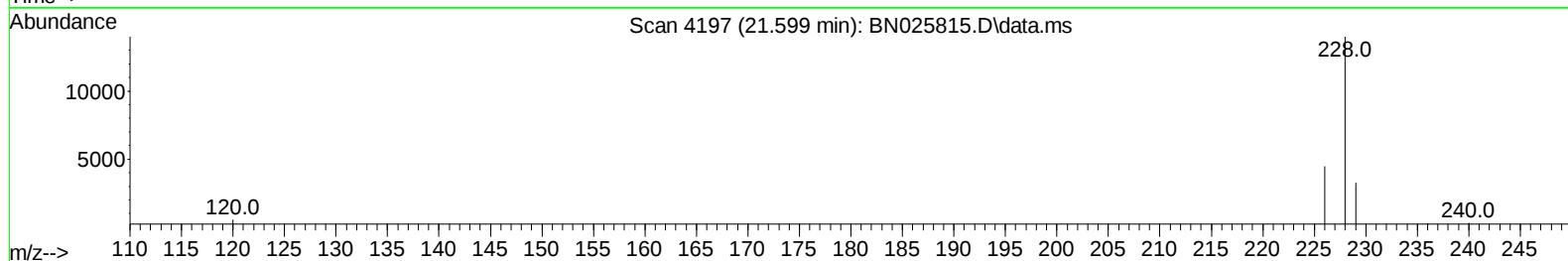
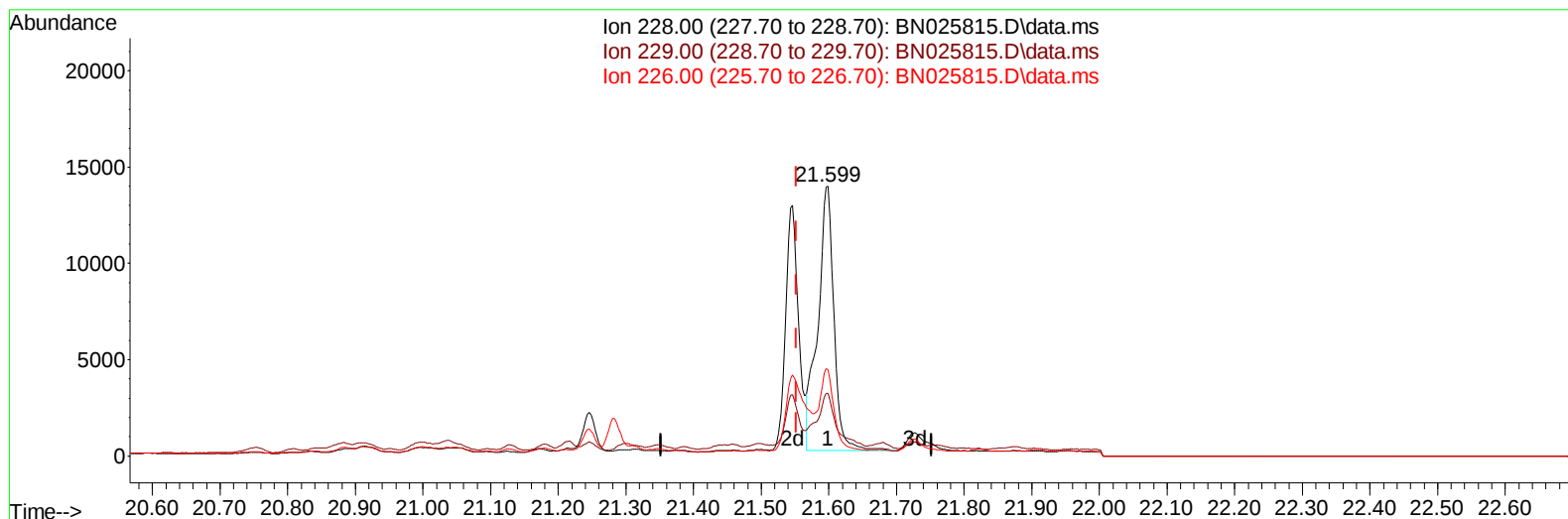
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(21) Benzo(a)anthracene

21.599min (+ 0.047) 0.46 ng/u1

response 22873

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	23.25
226.00	27.50	31.87
0.00	0.00	0.00

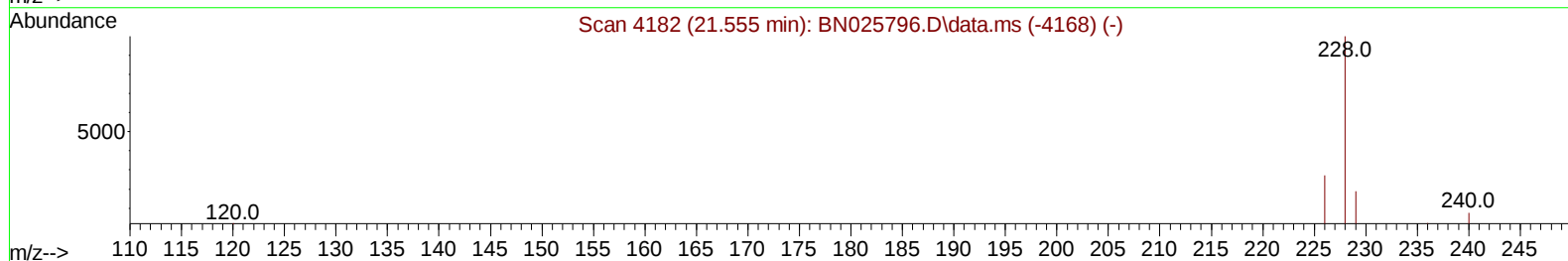
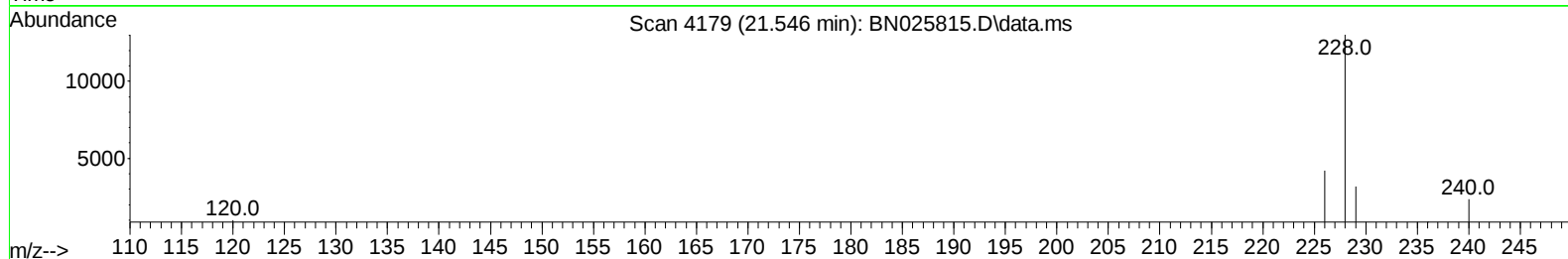
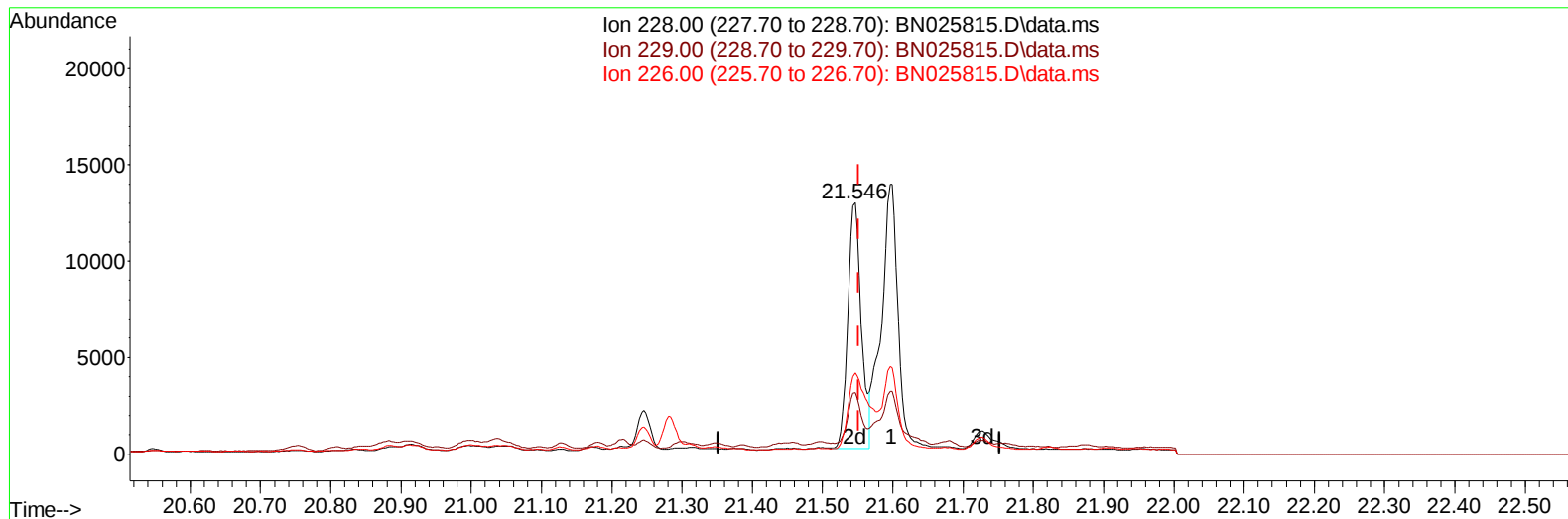
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025815.D
Acq On : 13 Jun 2023 20:59
Operator : MA/JU
Sample : 02950-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(21) Benzo(a)anthracene

21.546min (-0.006) 0.35 ng/u1 m

response 17174

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	24.38#
226.00	27.50	32.32
0.00	0.00	0.00

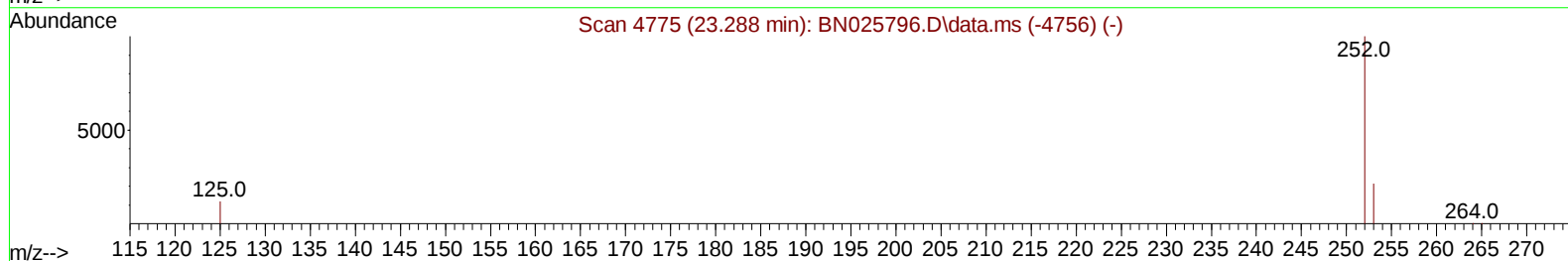
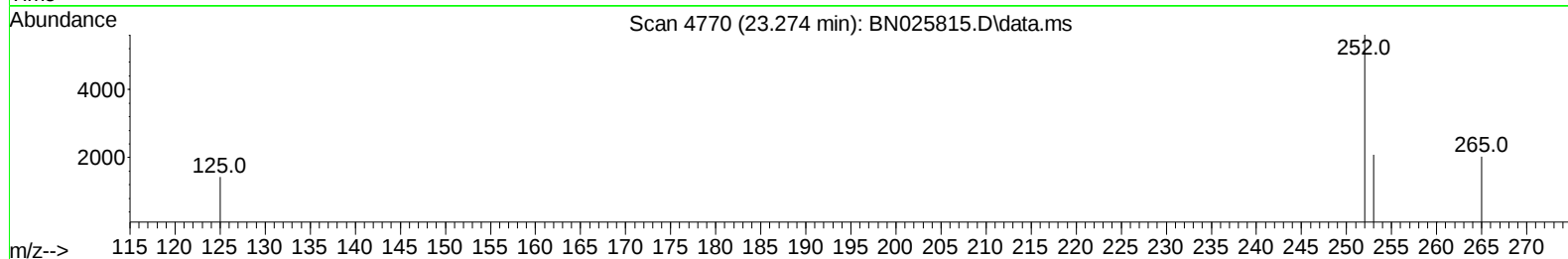
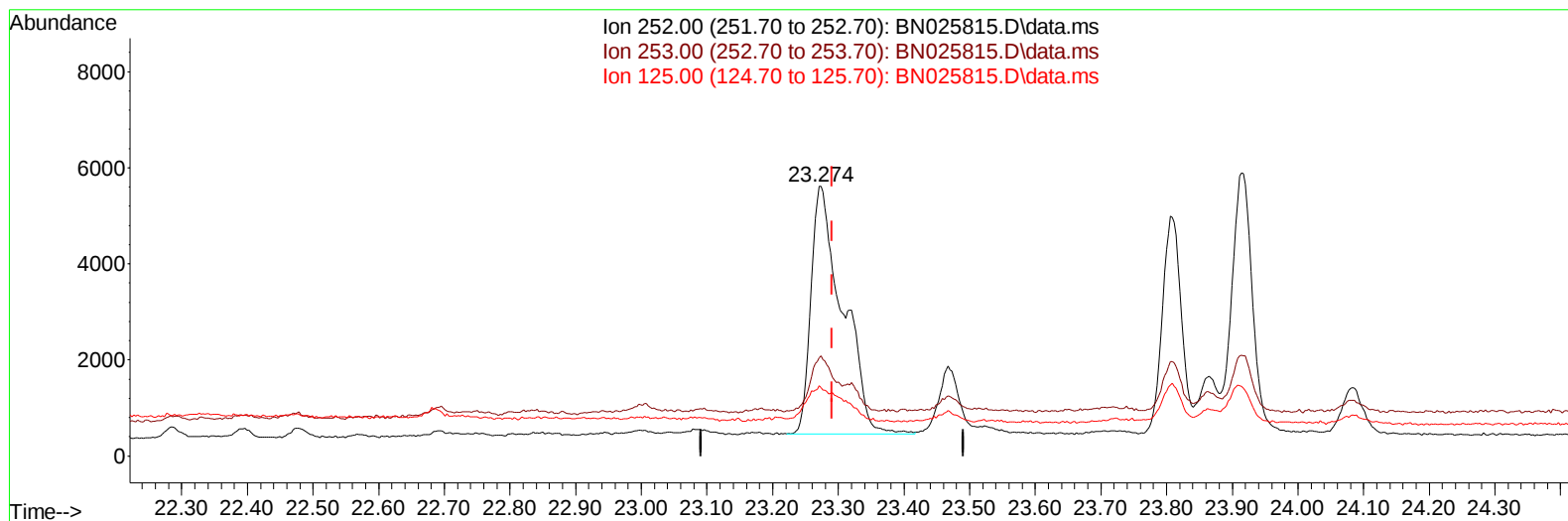
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(24) Benzo(b)fluoranthene

23.274min (-0.017) 0.29 ng/u1

response 17287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	37.19
125.00	14.00	25.41
0.00	0.00	0.00

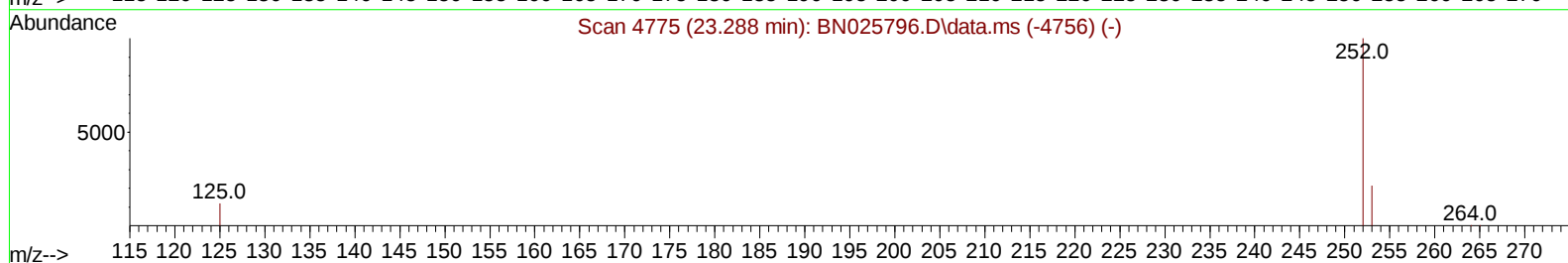
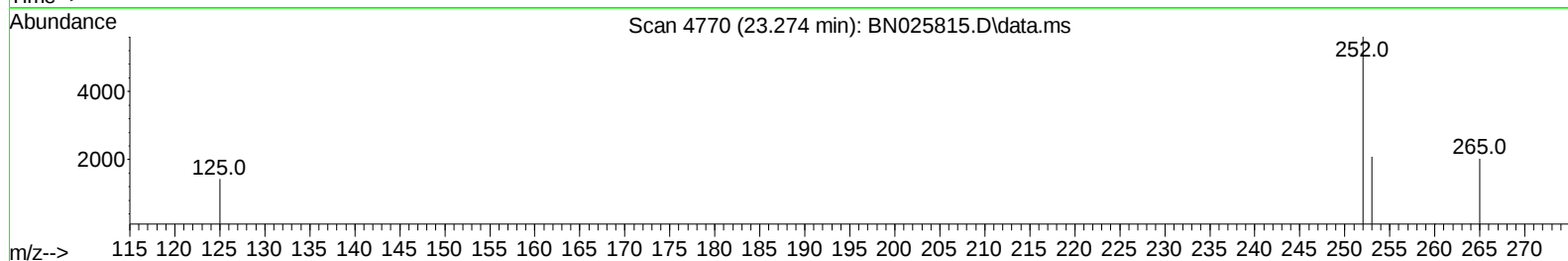
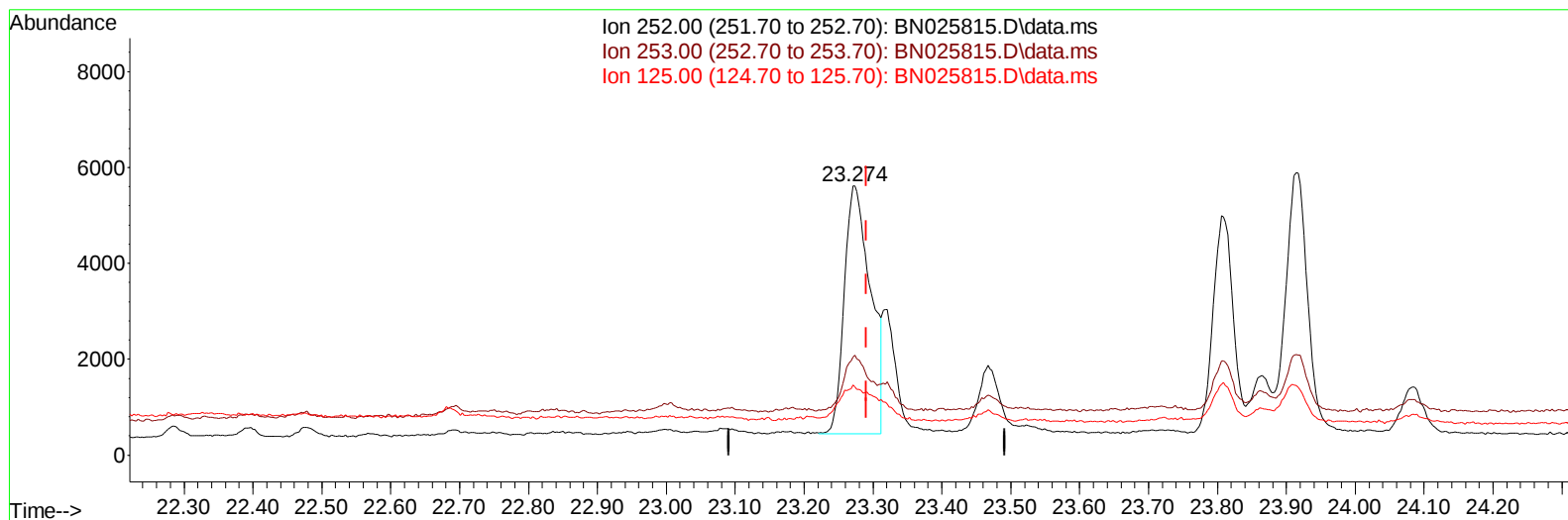
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025815.D
Acq On : 13 Jun 2023 20:59
Operator : MA/JU
Sample : 02950-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(24) Benzo(b)fluoranthene

23.274min (-0.017) 0.23 ng/u1 m

response 13720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	37.19
125.00	14.00	25.41
0.00	0.00	0.00

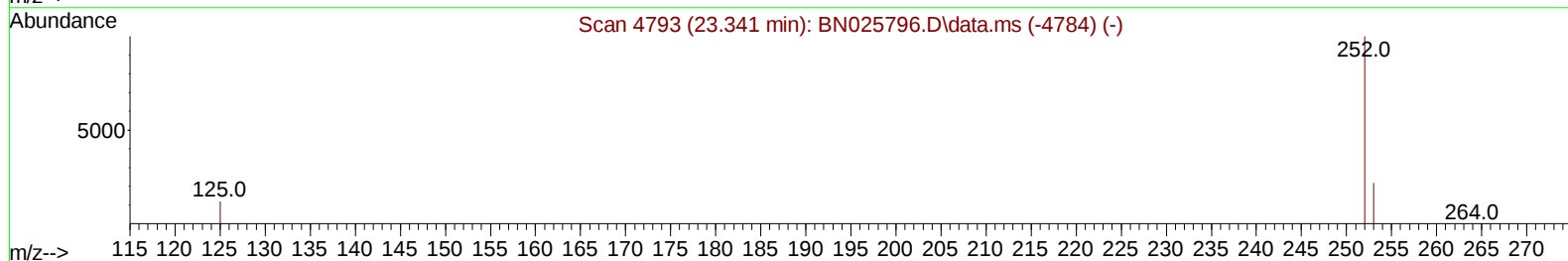
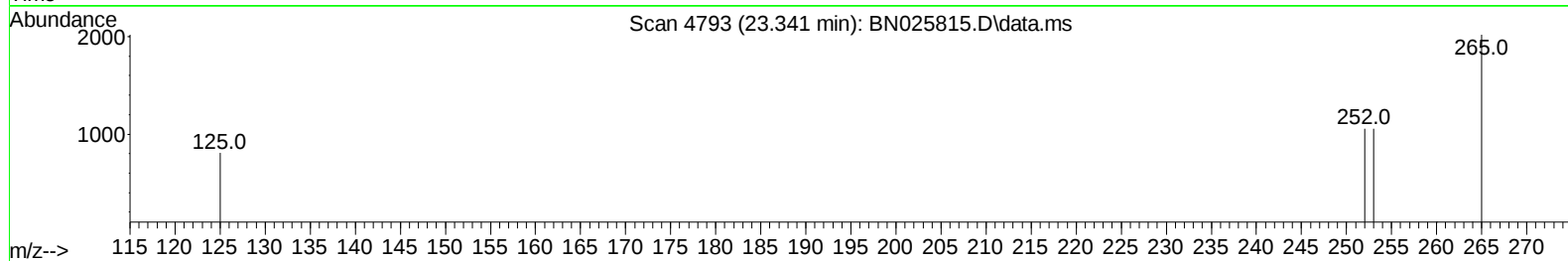
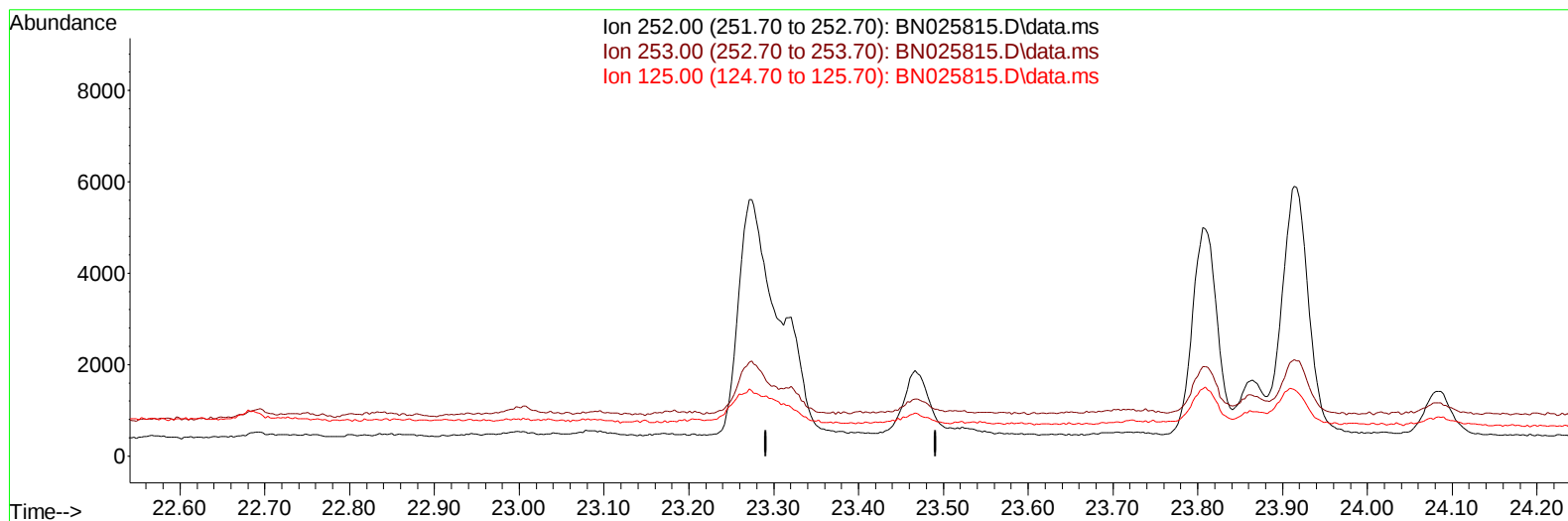
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.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

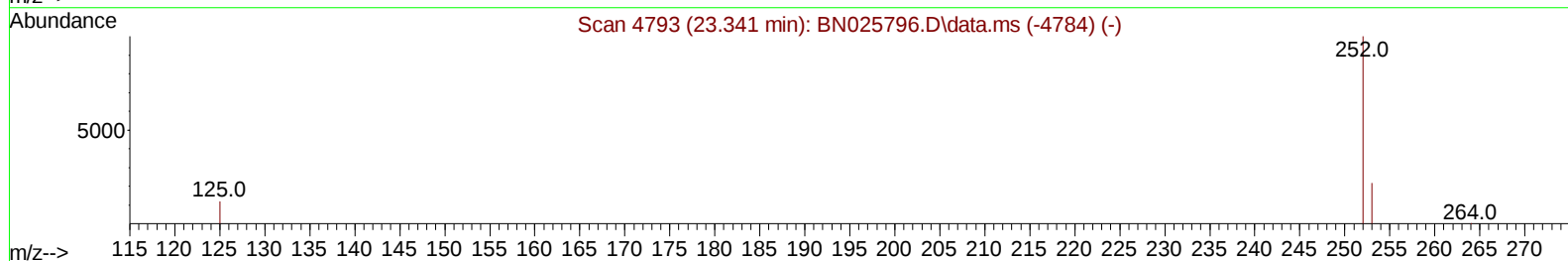
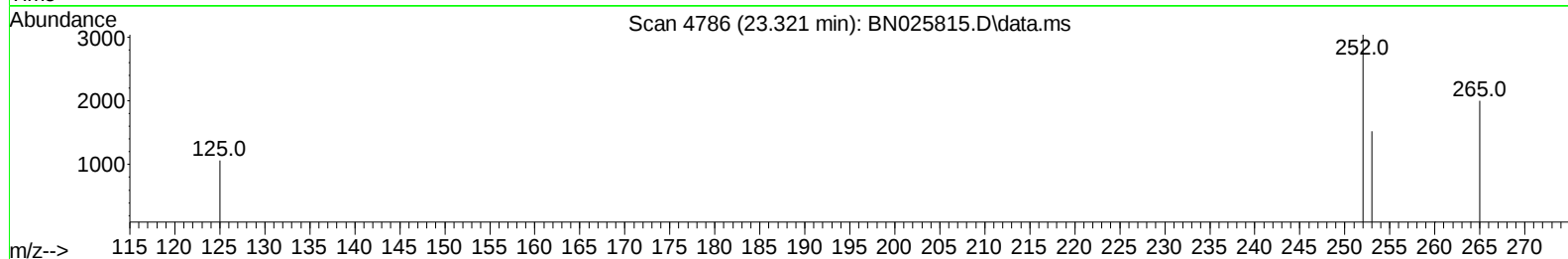
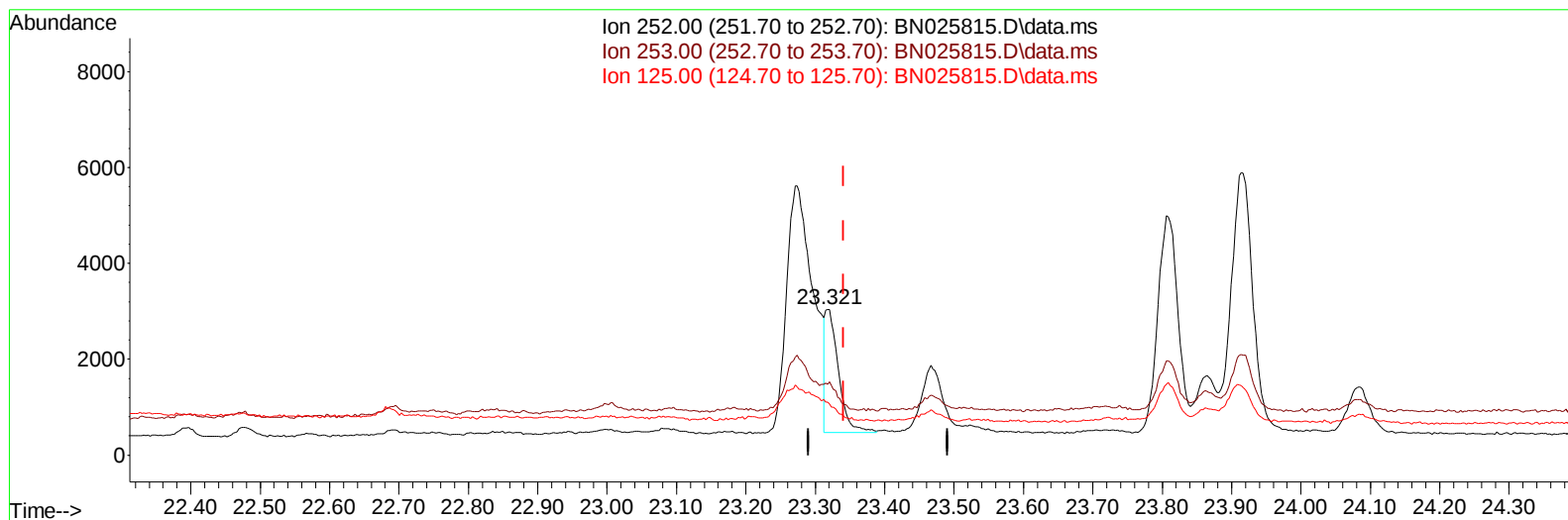
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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: BN025815.D\data.ms

(25) Benzo(k)fluoranthene

23.321min (-0.020) 0.06 ng/ul m

response 3448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	50.20#
125.00	14.50	34.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW982

Manual IntegrationsAPPROVED

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

Quant Time: Jun 13 23:49:42 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.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	7438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	22871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	13661	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	28198	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	15452	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	14693	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	17179	2.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	4753	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	10688	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	1893	0.033	ng/ul#	87
7) 2-Methylnaphthalene	12.480	142	885	0.025	ng/ul	100
10) Acenaphthylene	14.357	152	4155	0.077	ng/ul#	91
11) Acenaphthene	14.700	153	4036	0.090	ng/ul	98
12) Fluorene	15.685	166	1369	0.027	ng/ul#	86
15) Phenanthrene	17.423	178	8155	0.099	ng/ul#	95
16) Anthracene	17.516	178	9684	0.139	ng/ul	95
19) Fluoranthene	19.438	202	38711	0.548	ng/ul	99
20) Pyrene	19.796	202	55653m	0.761	ng/ul	
21) Benzo(a)anthracene	21.546	228	17174m	0.349	ng/ul	
22) Chrysene	21.599	228	22516	0.400	ng/ul	96
24) Benzo(b)fluoranthene	23.274	252	13720m	0.228	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	3448m	0.057	ng/ul	
26) Benzo(a)pyrene	23.914	252	11710	0.230	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.601	276	6034	0.104	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.614	278	1895	0.043	ng/ul#	27
29) Benzo(g,h,i)perylene	27.399	276	6687	0.128	ng/ul	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025815.D
Acq On : 13 Jun 2023 20:59
Operator : MA/JU
Sample : 02950-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW982

Manual IntegrationsAPPROVED

Quant Time: Jun 13 23:49:42 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

