

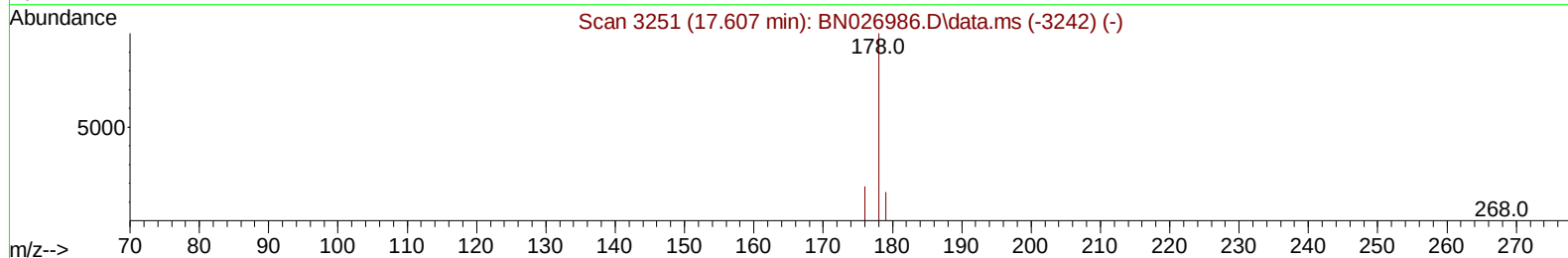
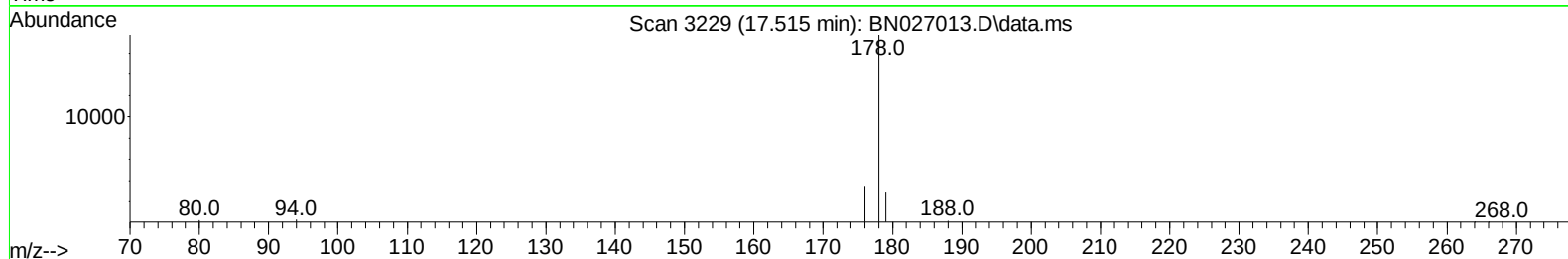
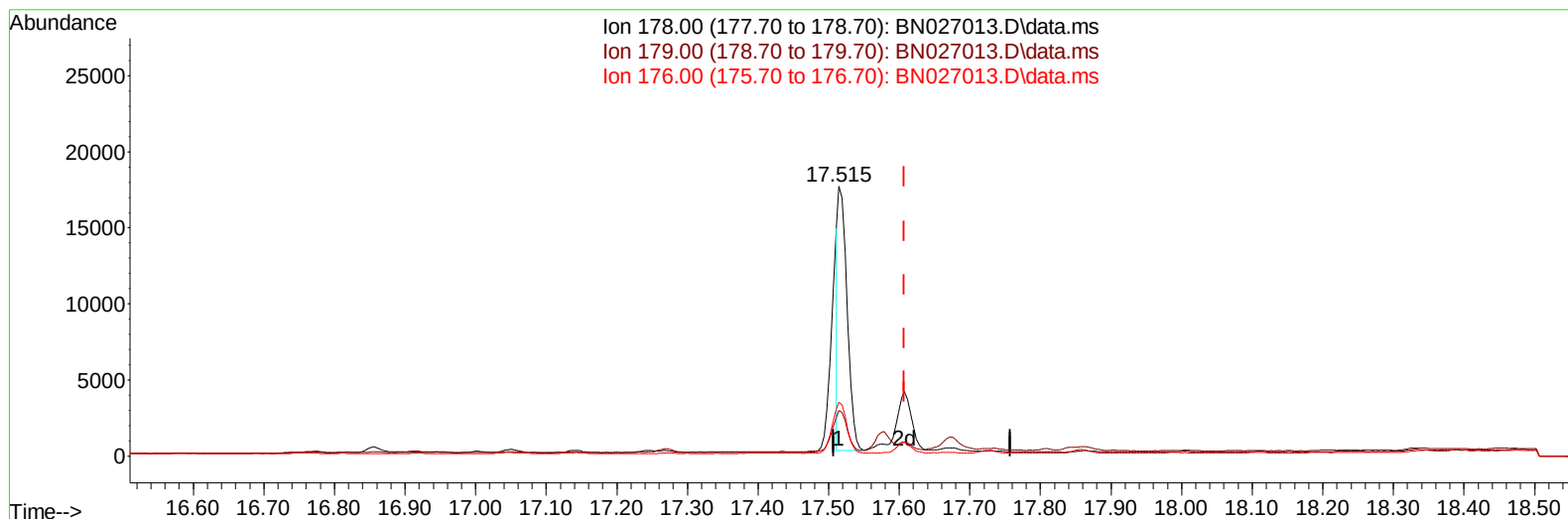
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(16) Anthracene

17.515min (-0.093) 0.11 ng/u1

response 15772

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	16.85
176.00	18.80	19.88
0.00	0.00	0.00

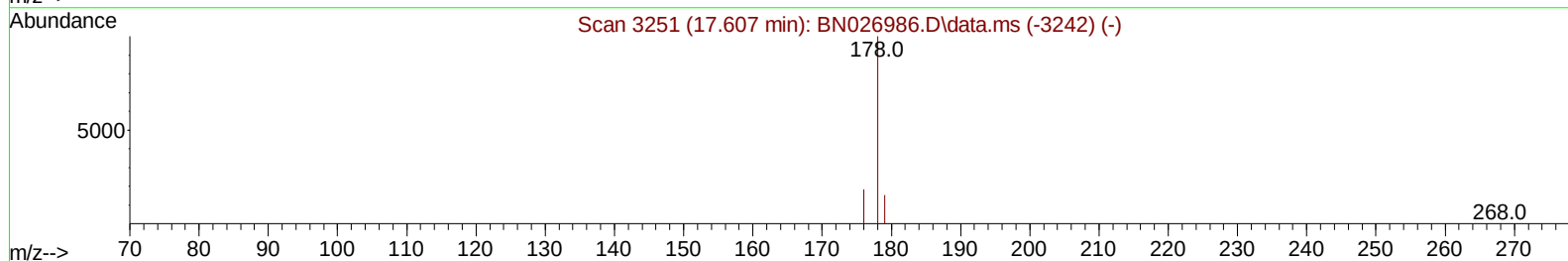
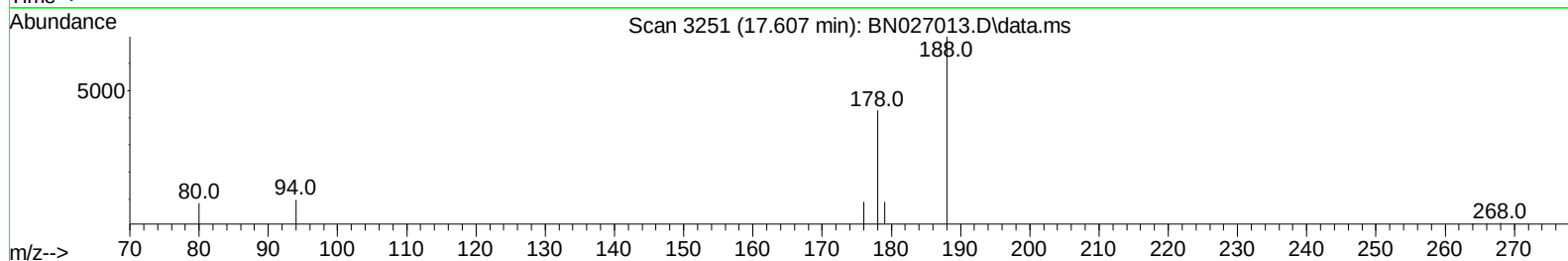
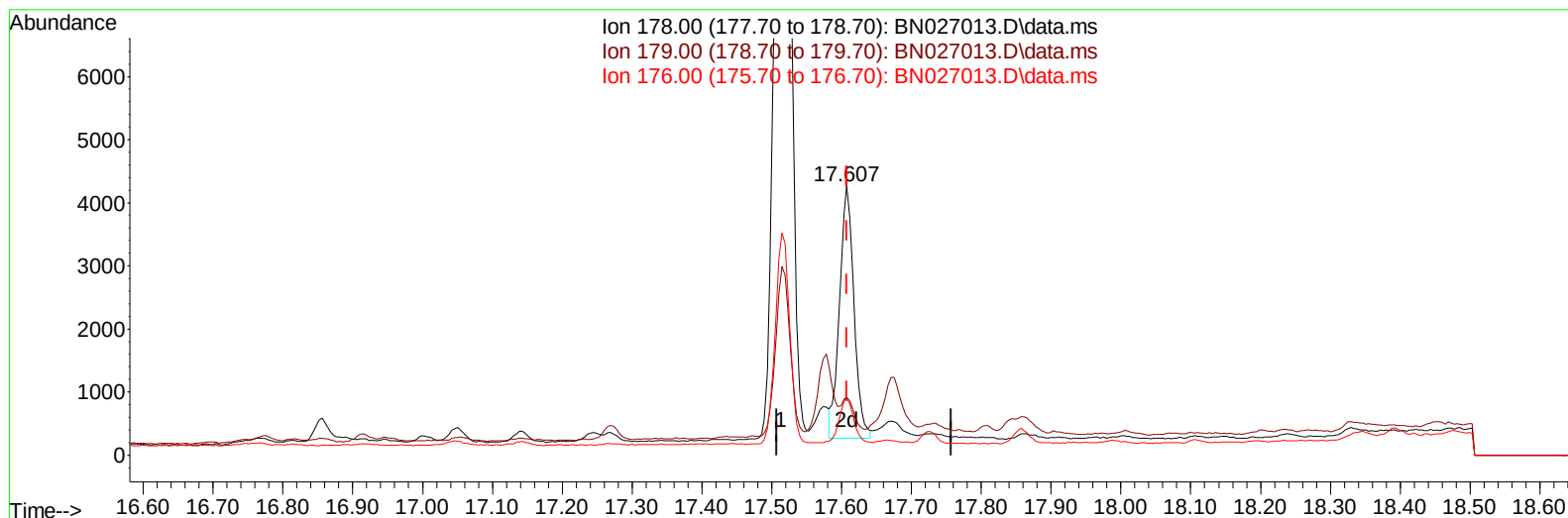
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(16) Anthracene

17.607min (-0.000) 0.04 ng/ul m

response 5704

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	21.30#
176.00	18.80	21.21
0.00	0.00	0.00

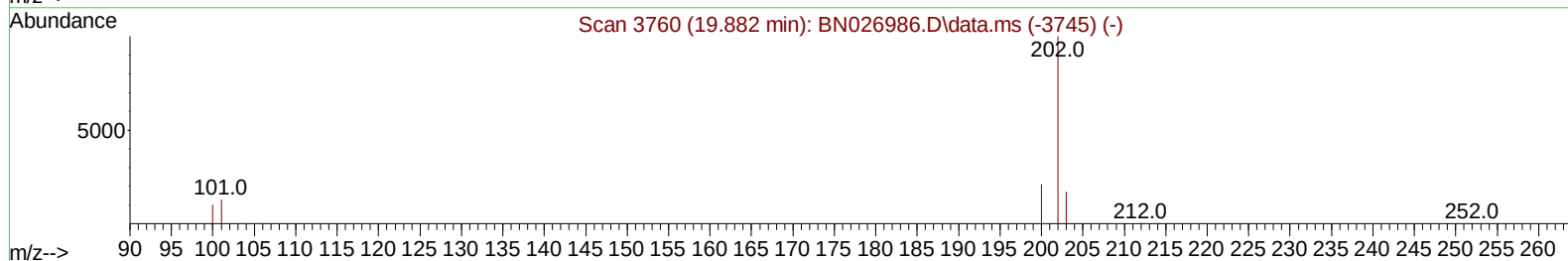
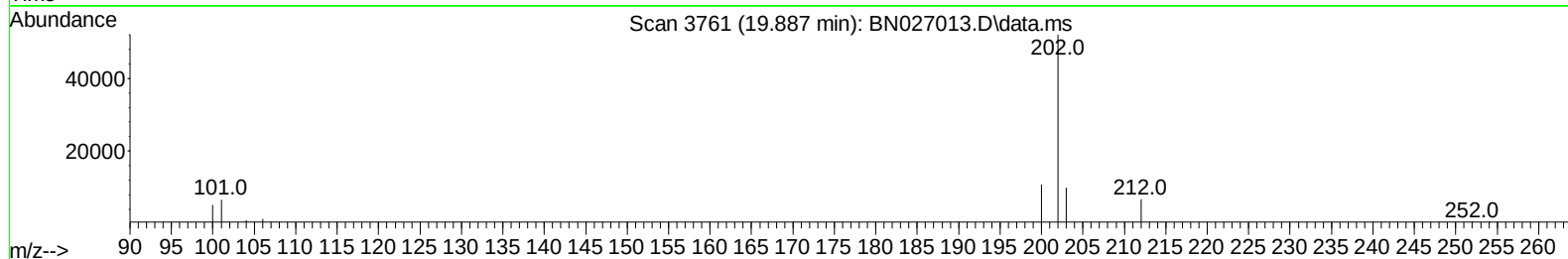
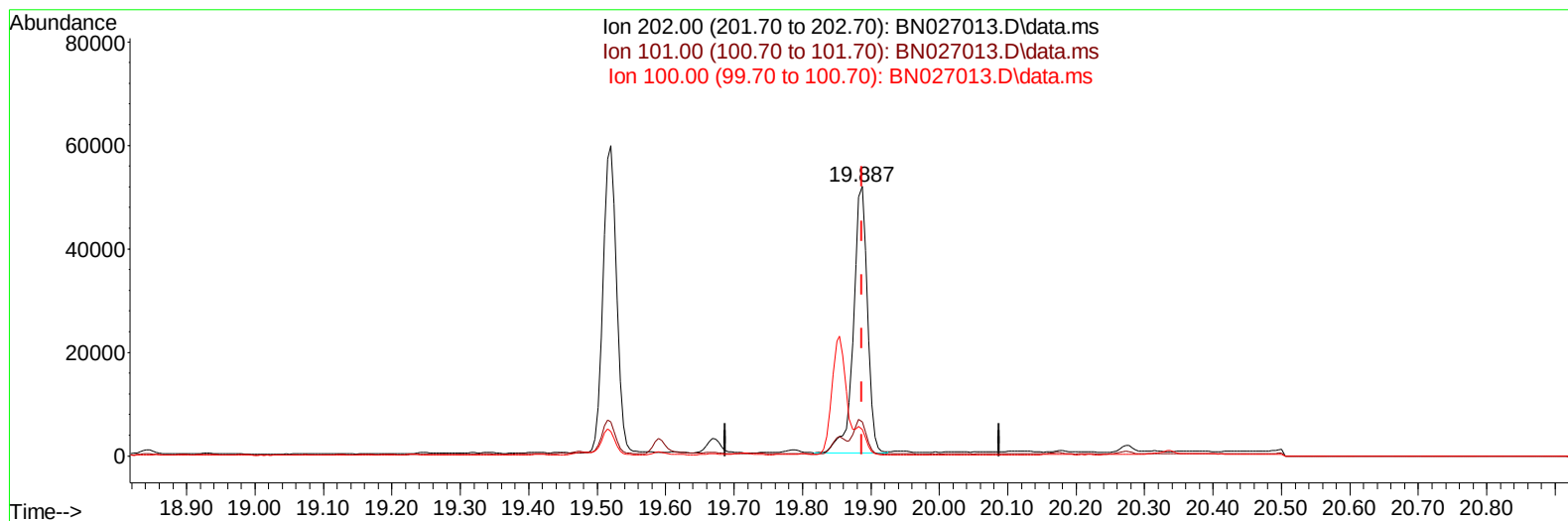
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027013.D
Acq On : 22 Aug 2023 04:16
Operator : MA/JU
Sample : 03967-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(20) Pyrene

19.887min (-0.000) 0.43 ng/u1

response 72451

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.60
100.00	10.60	9.80
0.00	0.00	0.00

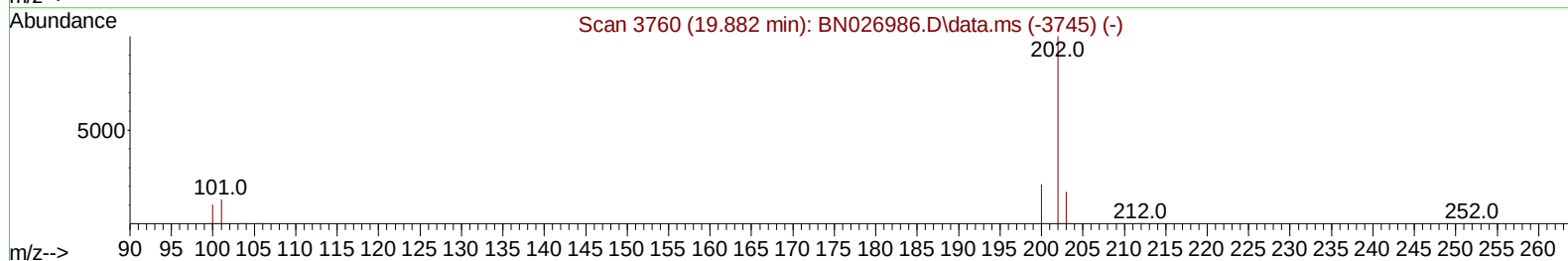
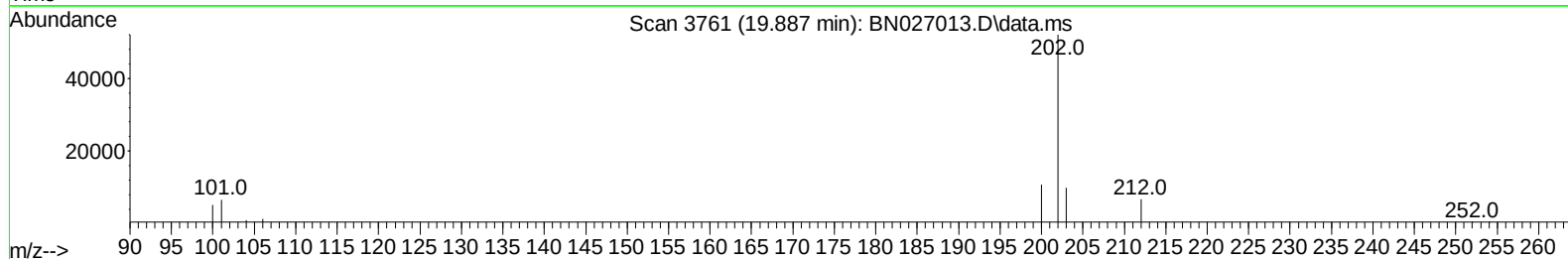
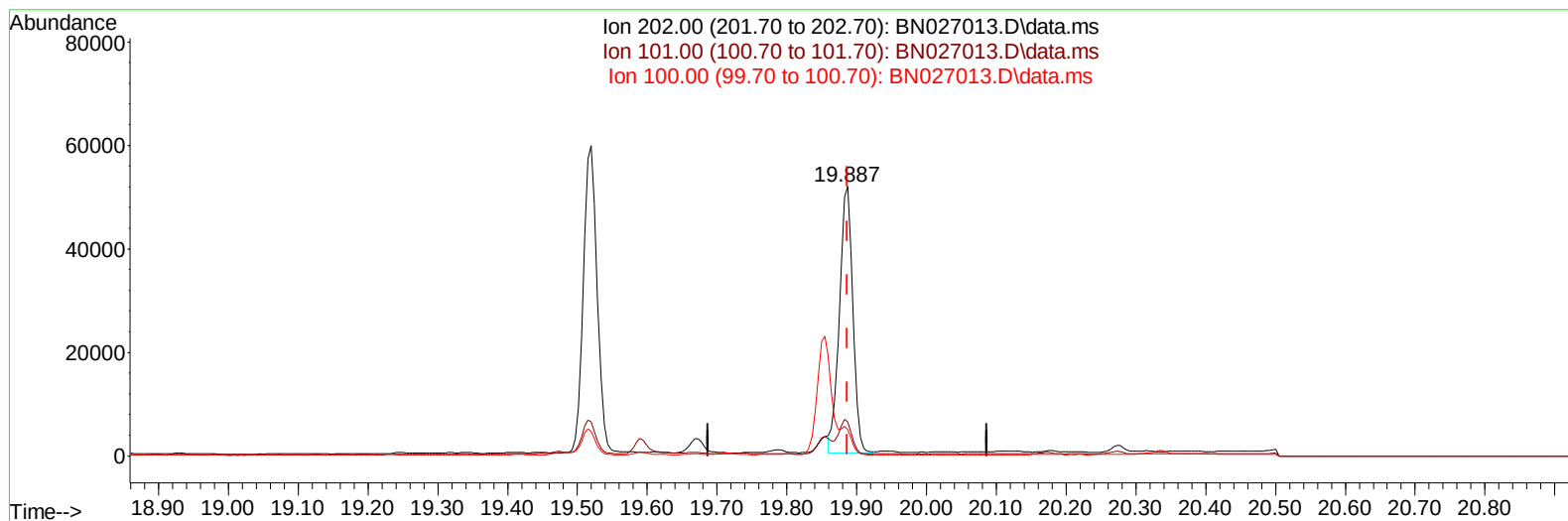
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027013.D
Acq On : 22 Aug 2023 04:16
Operator : MA/JU
Sample : 03967-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(20) Pyrene

19.887min (-0.000) 0.41 ng/ul m

response 69210

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.60
100.00	10.60	9.80
0.00	0.00	0.00

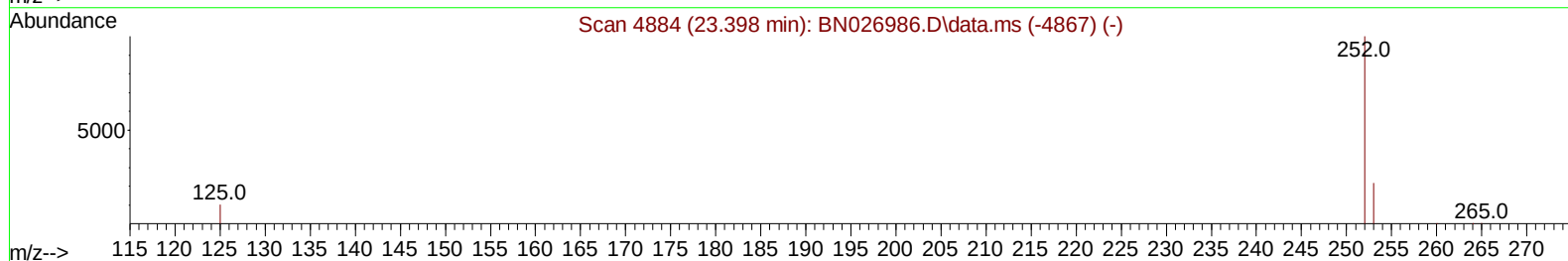
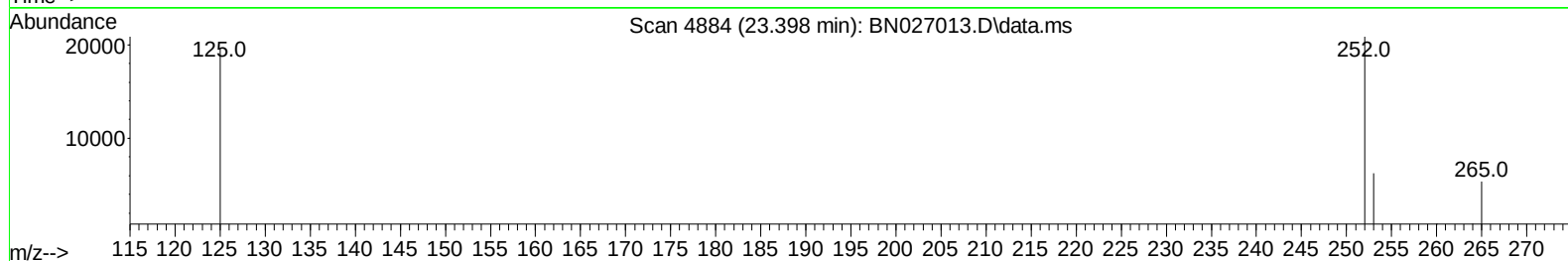
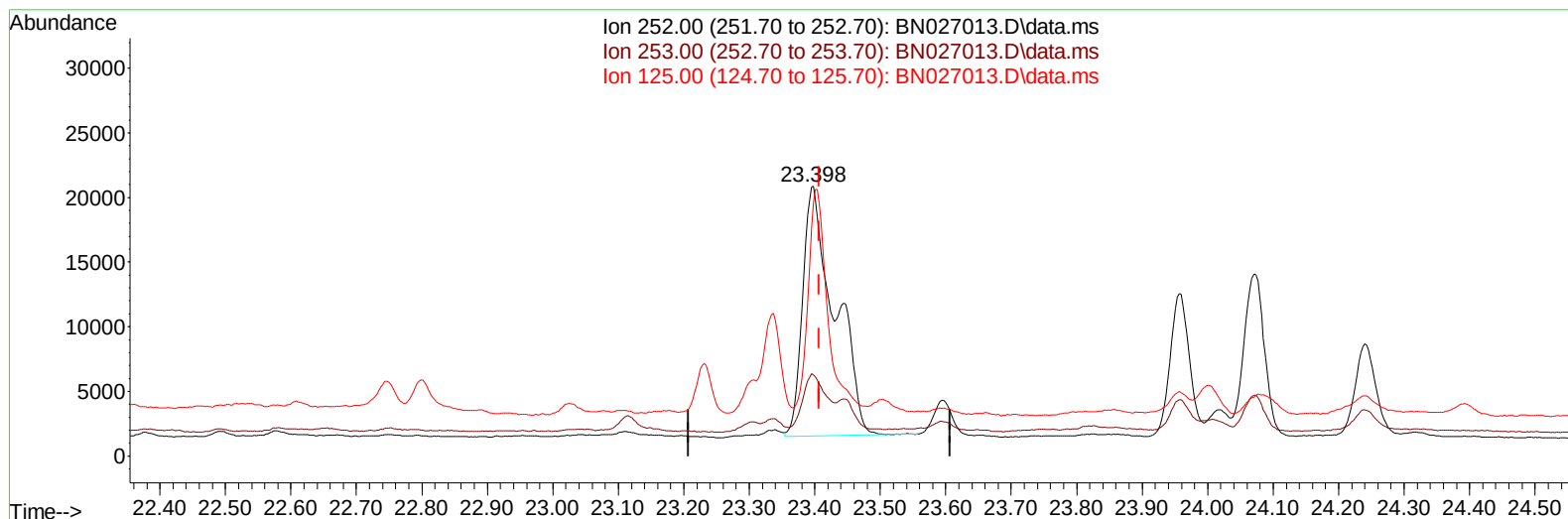
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 0.52 ng/u1

response 66220

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	30.15
125.00	12.60	93.94#
0.00	0.00	0.00

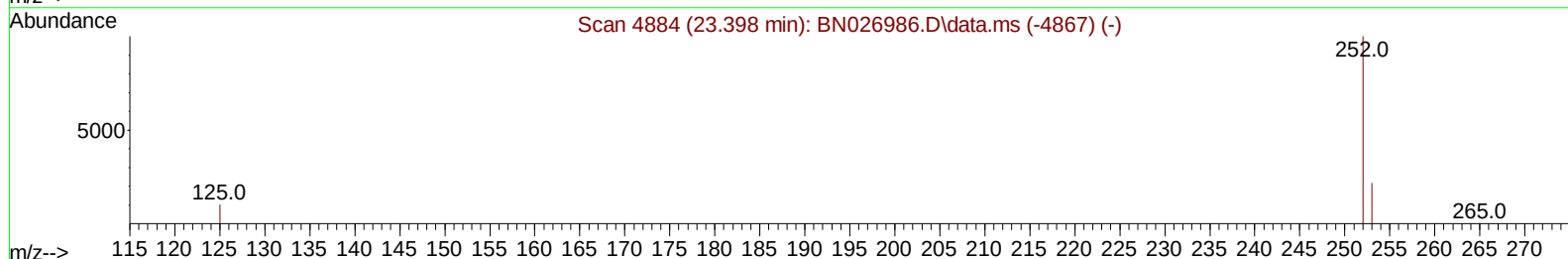
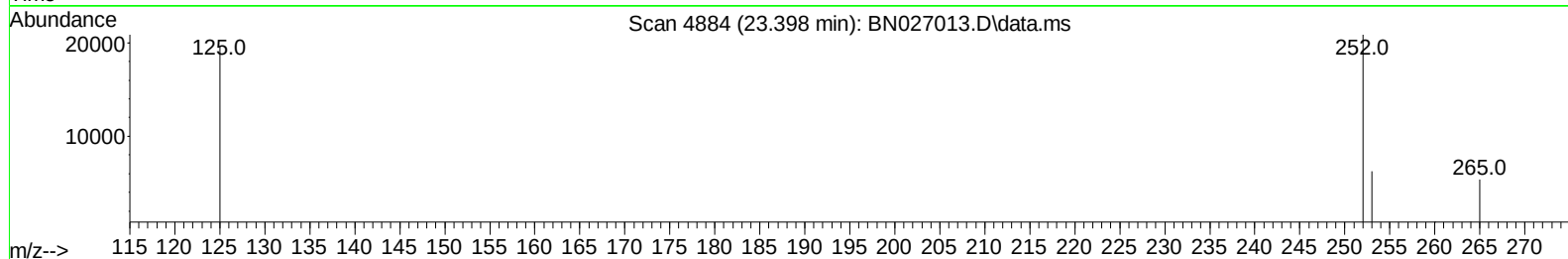
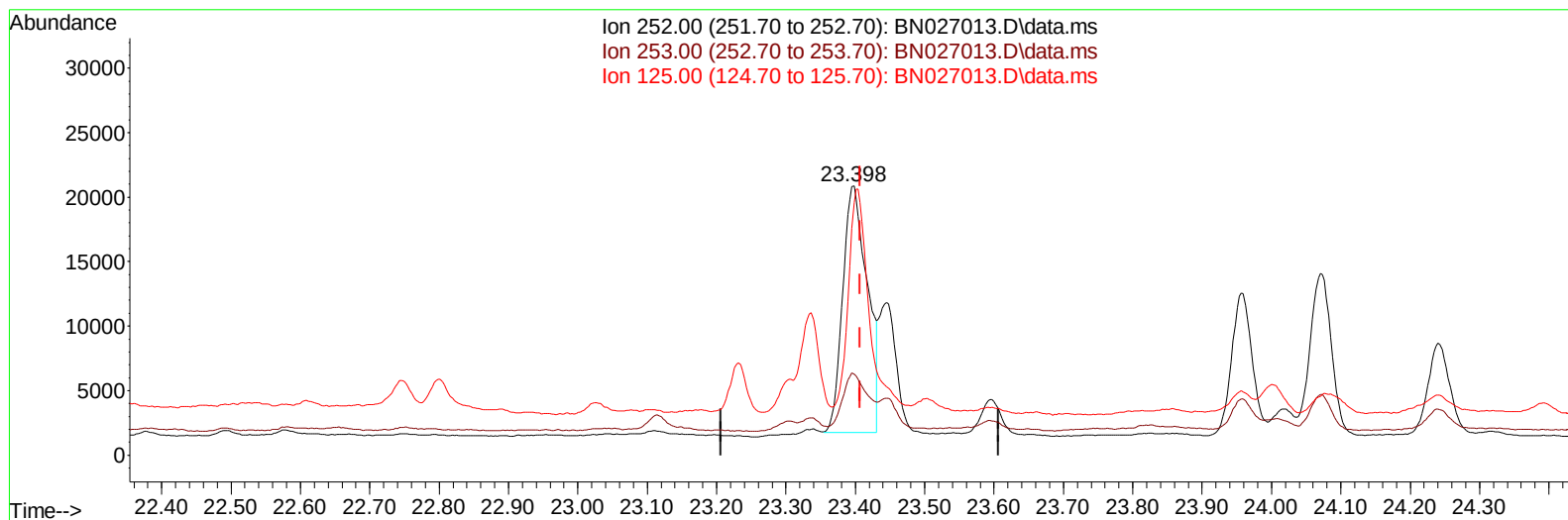
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027013.D
Acq On : 22 Aug 2023 04:16
Operator : MA/JU
Sample : 03967-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 04:44:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration



TIC: BN027013.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 0.37 ng/ul m

response 47130

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	30.15
125.00	12.60	93.94#
0.00	0.00	0.00

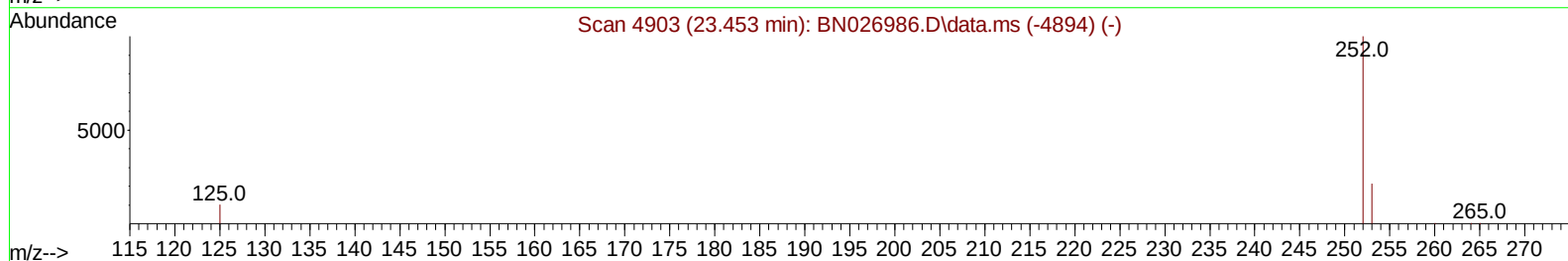
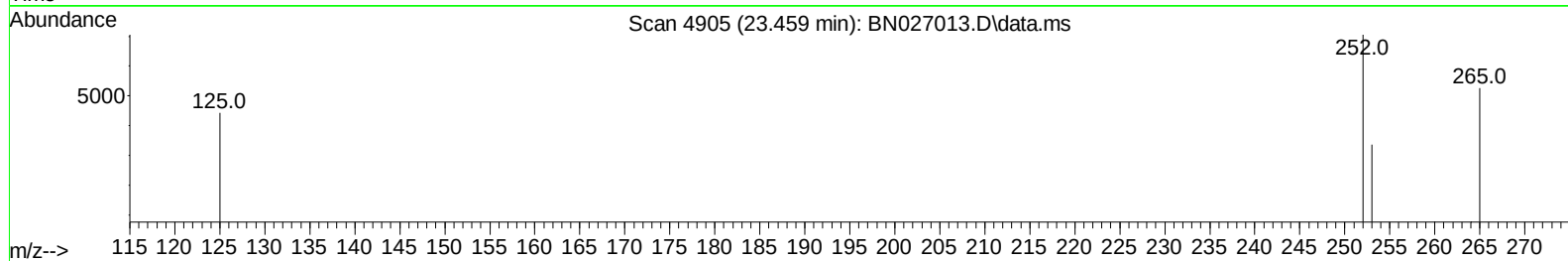
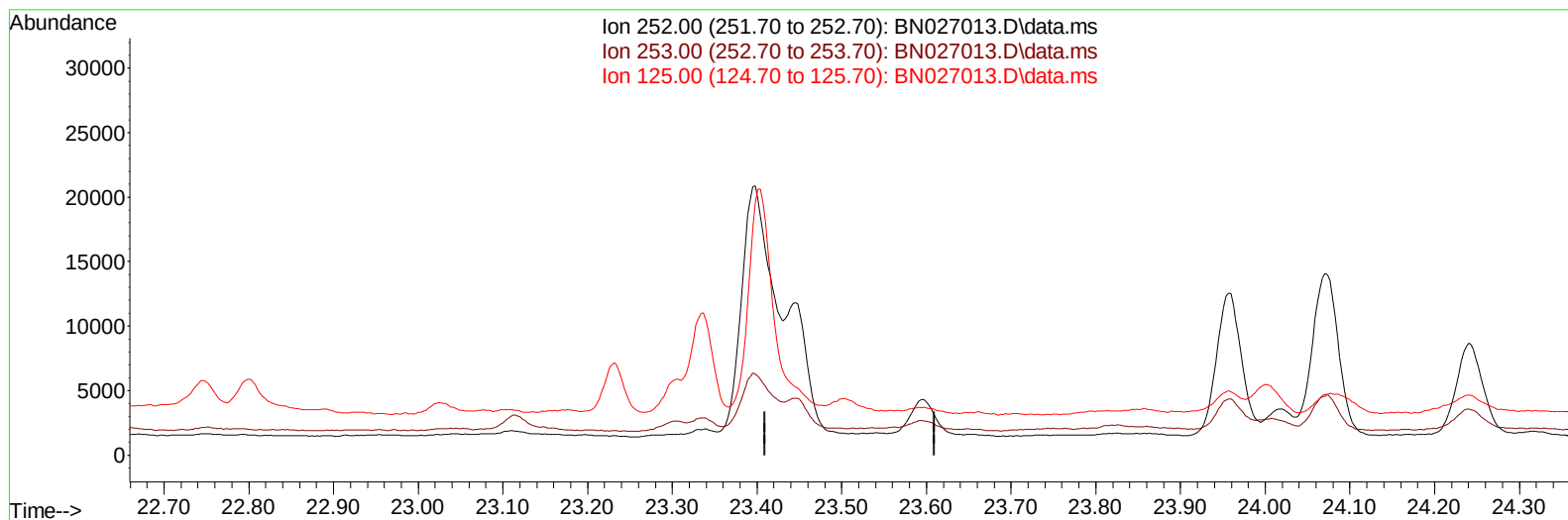
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(25) Benzo(k)fluoranthene

23.460min (-23.460) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	22.80	0.00#
125.00	12.40	0.00#
0.00	0.00	0.00

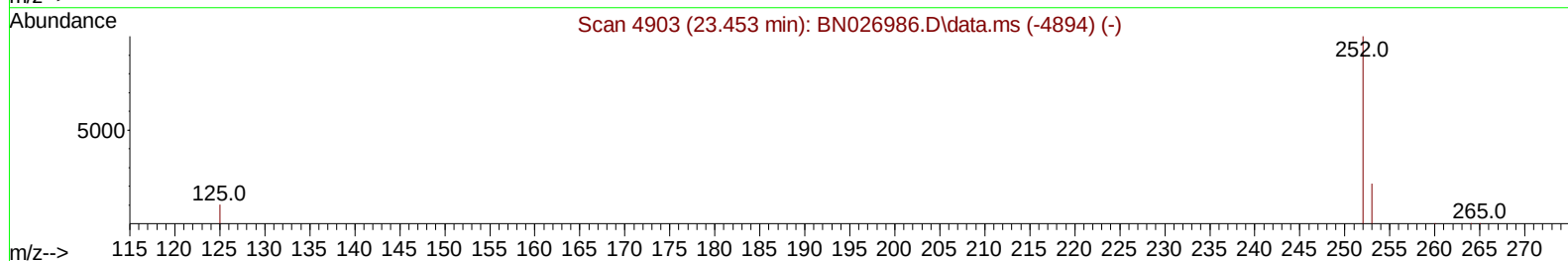
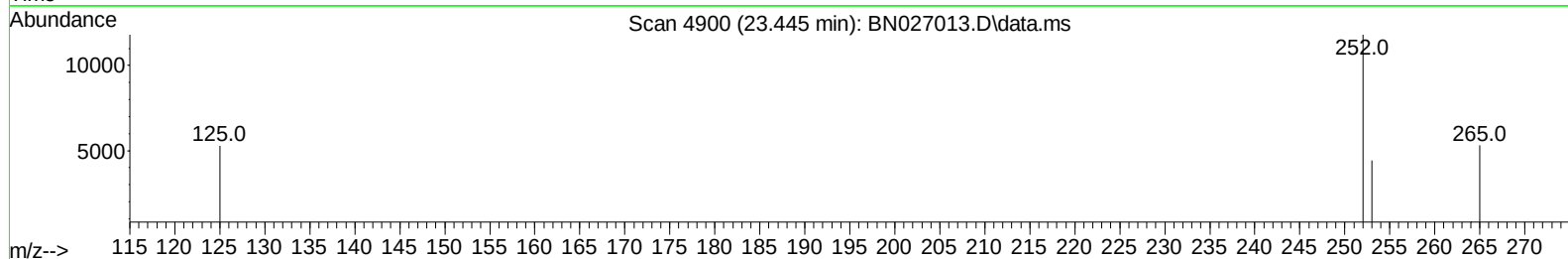
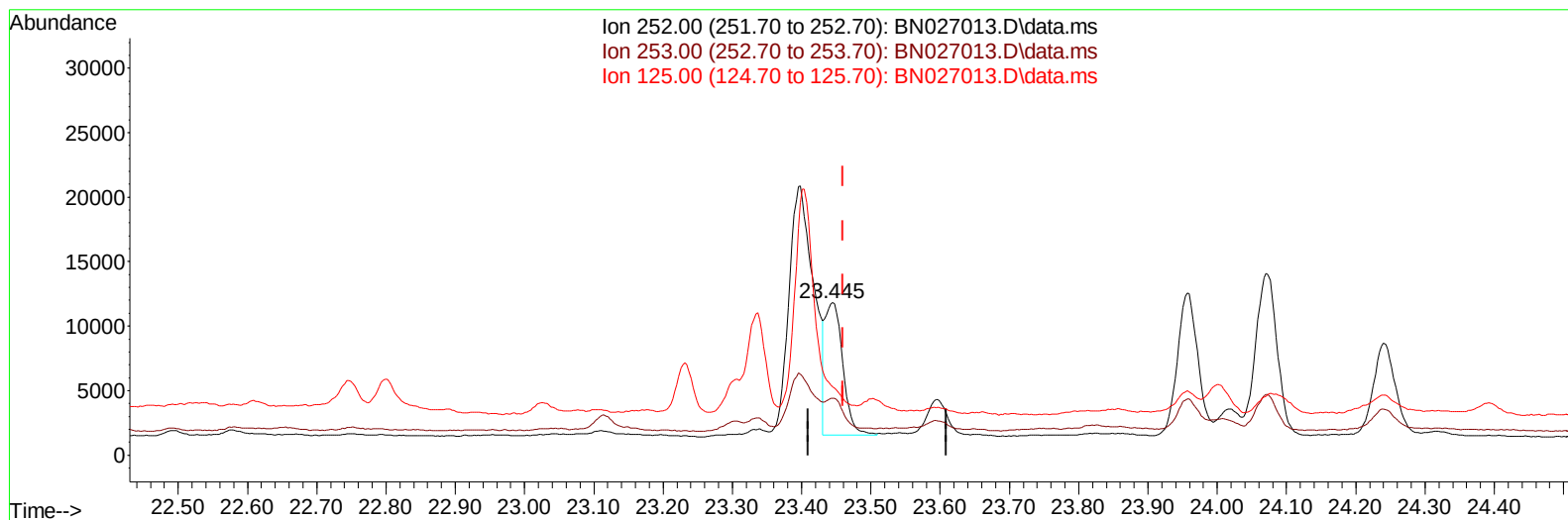
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027013.D\data.ms

(25) Benzo(k)fluoranthene

23.445min (-0.015) 0.15 ng/ul m

response 18296

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	37.41#
125.00	12.40	44.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027013.D
 Acq On : 22 Aug 2023 04:16
 Operator : MA/JU
 Sample : 03967-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 04:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	11912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	38803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	22062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	49170	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	38017	0.400	ng/ul	# 0.00
23) Perylene-d12	24.185	264	33738	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	44364	3.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	9281	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	22270	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	2464	0.022	ng/ul#	82
10) Acenaphthylene	14.458	152	4767	0.039	ng/ul#	92
15) Phenanthrene	17.515	178	25057	0.155	ng/ul	98
16) Anthracene	17.607	178	5704m	0.039	ng/ul	
19) Fluoranthene	19.520	202	82033	0.519	ng/ul	99
20) Pyrene	19.887	202	69210m	0.411	ng/ul	
21) Benzo(a)anthracene	21.624	228	31814	0.210	ng/ul#	91
22) Chrysene	21.682	228	39585	0.265	ng/ul#	91
24) Benzo(b)fluoranthene	23.398	252	47130m	0.369	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	18296m	0.145	ng/ul	
26) Benzo(a)pyrene	24.070	252	27106	0.235	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.871	276	21713	0.144	ng/ul#	88
29) Benzo(g,h,i)perylene	27.713	276	21937	0.175	ng/ul#	79

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027013.D
Acq On : 22 Aug 2023 04:16
Operator : MA/JU
Sample : 03967-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 04:44:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

