

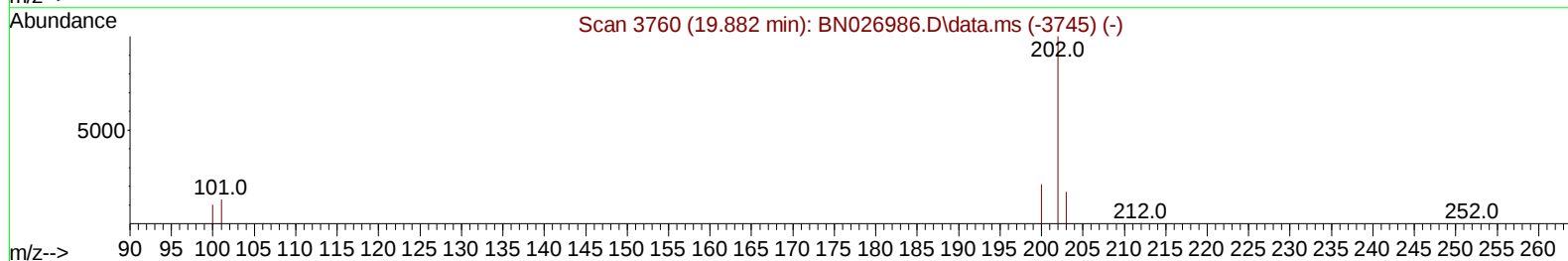
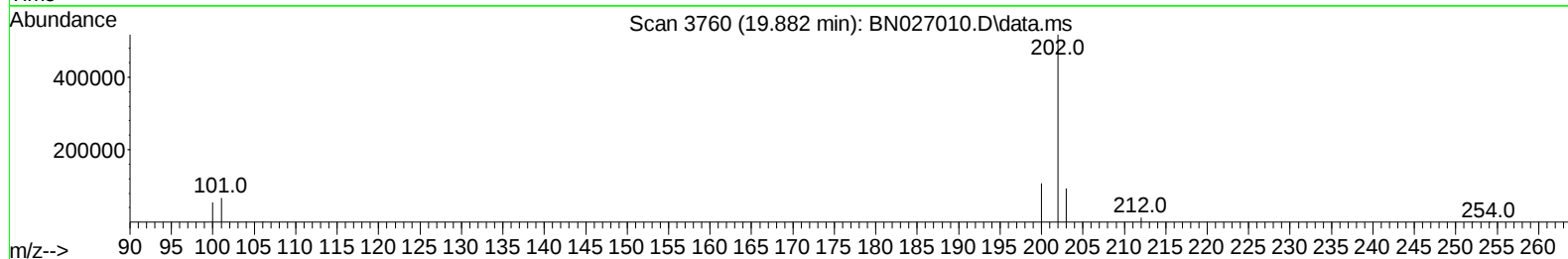
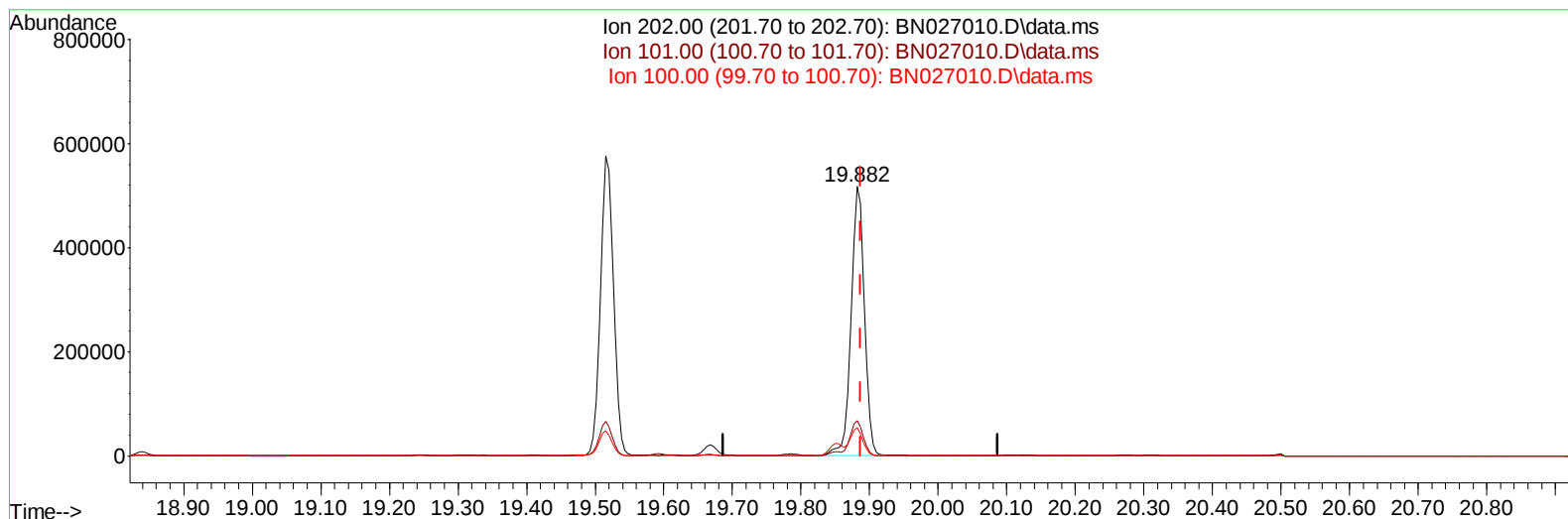
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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: BN027010.D\data.ms

(20) Pyrene

19.882min (-0.005) 5.38 ng/u1

response 697554

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.09
100.00	10.60	10.44
0.00	0.00	0.00

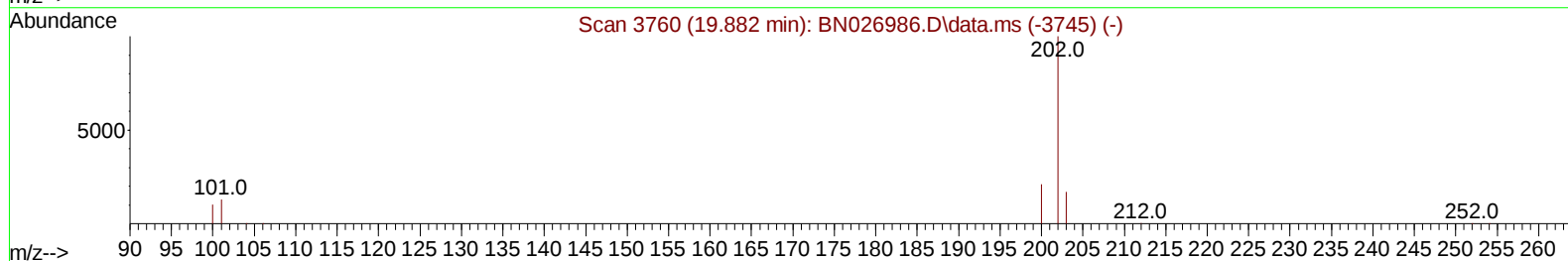
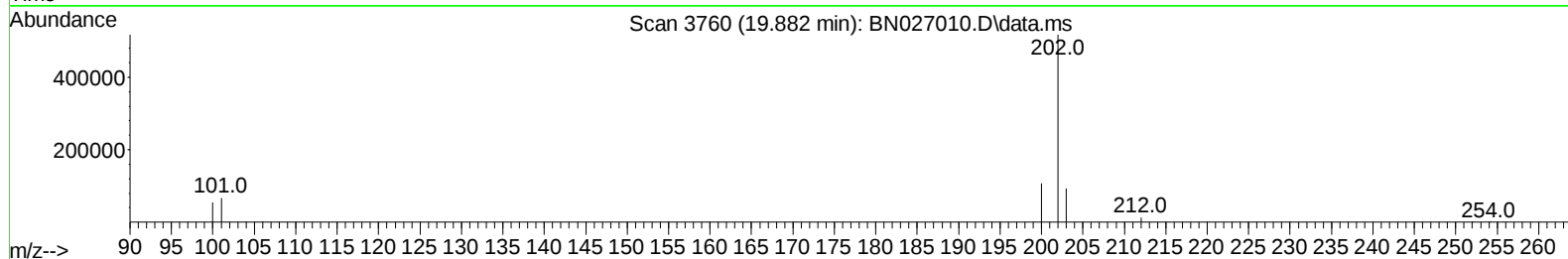
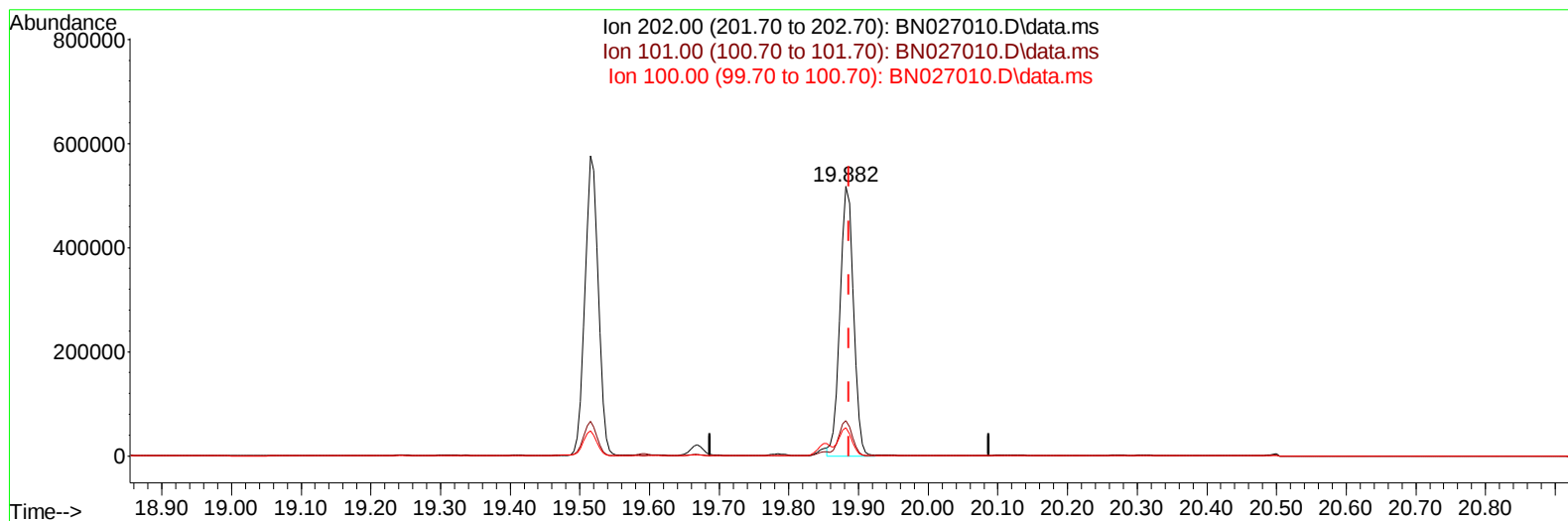
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027010.D
Acq On : 22 Aug 2023 02:26
Operator : MA/JU
Sample : 03967-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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: BN027010.D\data.ms

(20) Pyrene

19.882min (-0.005) 5.29 ng/u1 m

response 686697

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.09
100.00	10.60	10.44
0.00	0.00	0.00

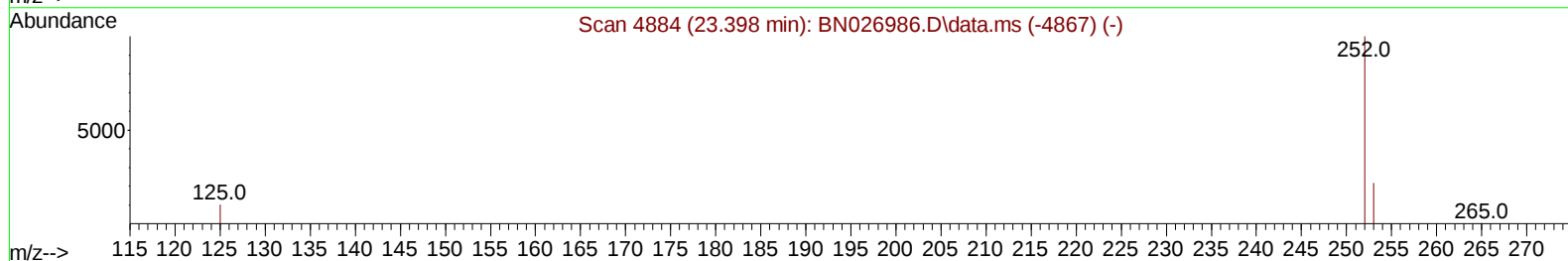
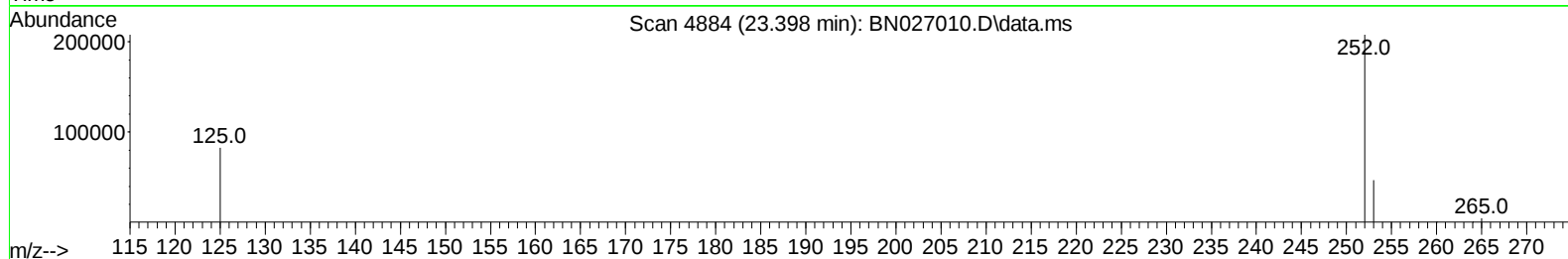
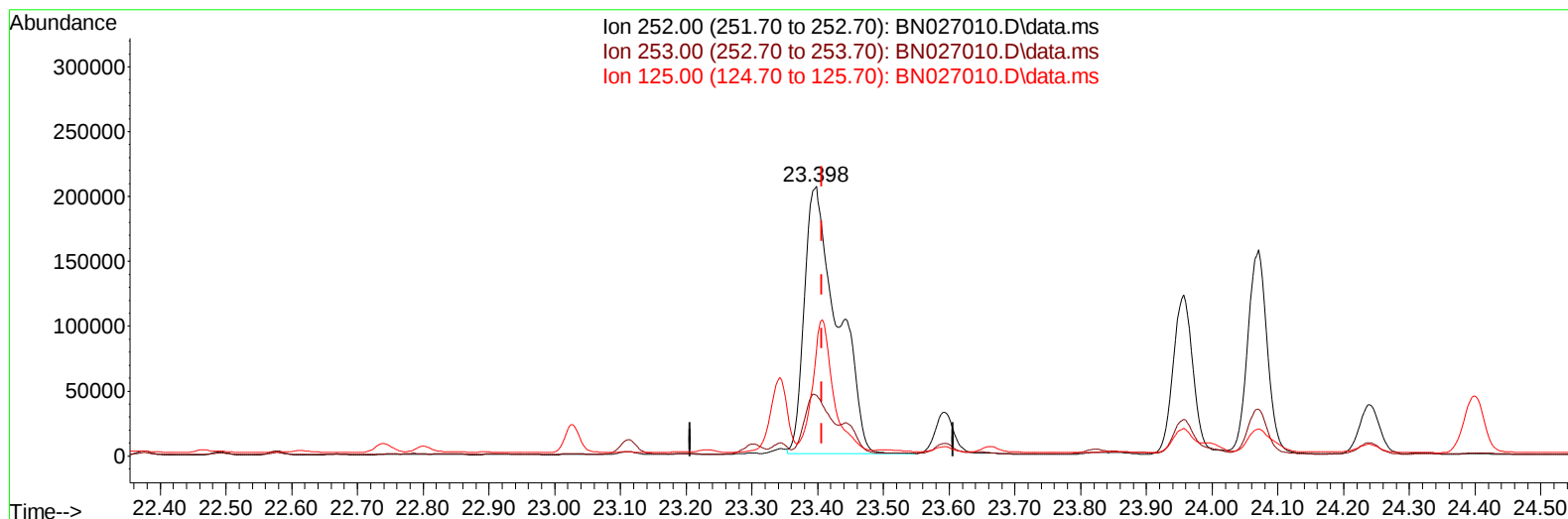
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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: BN027010.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 7.13 ng/u1

response 715548

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	22.64
125.00	12.60	39.82#
0.00	0.00	0.00

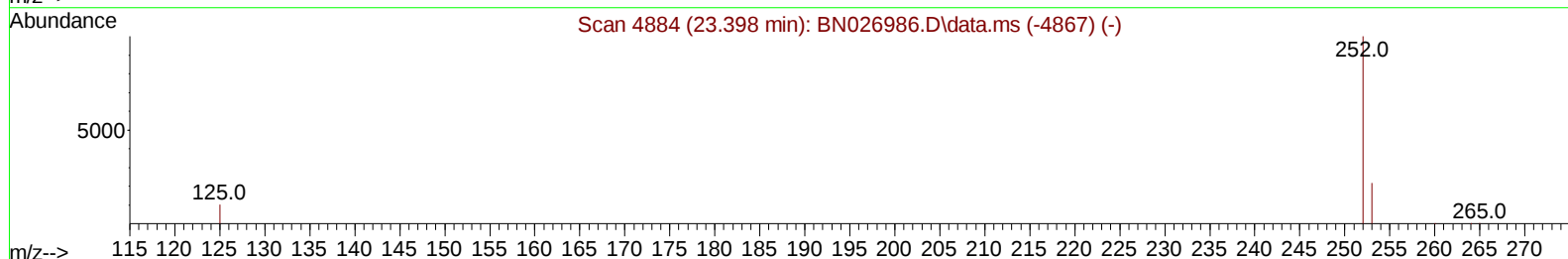
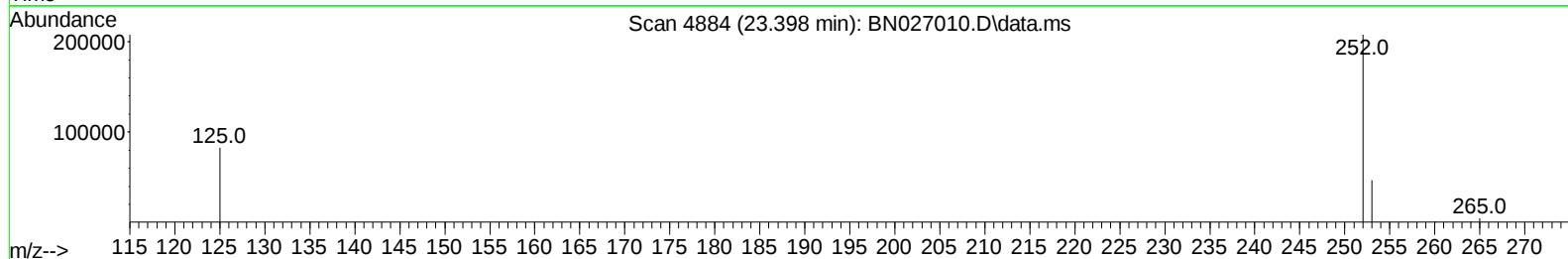
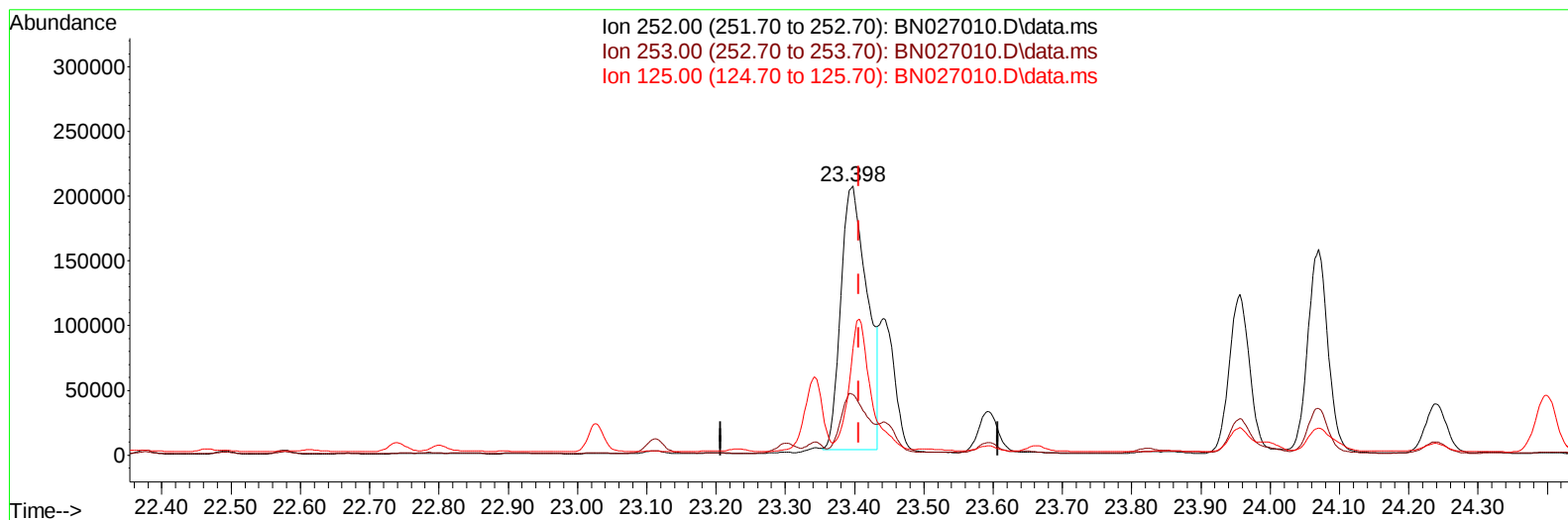
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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: BN027010.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 5.38 ng/u1 m

response 540236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	22.64
125.00	12.60	39.82#
0.00	0.00	0.00

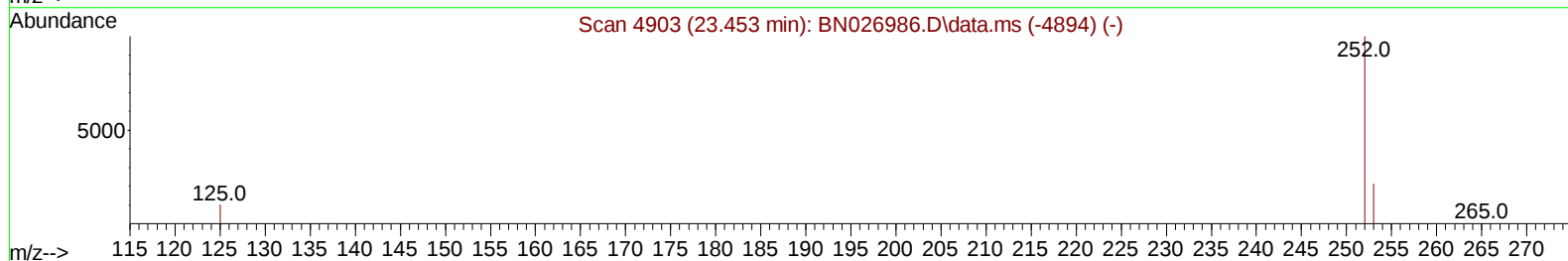
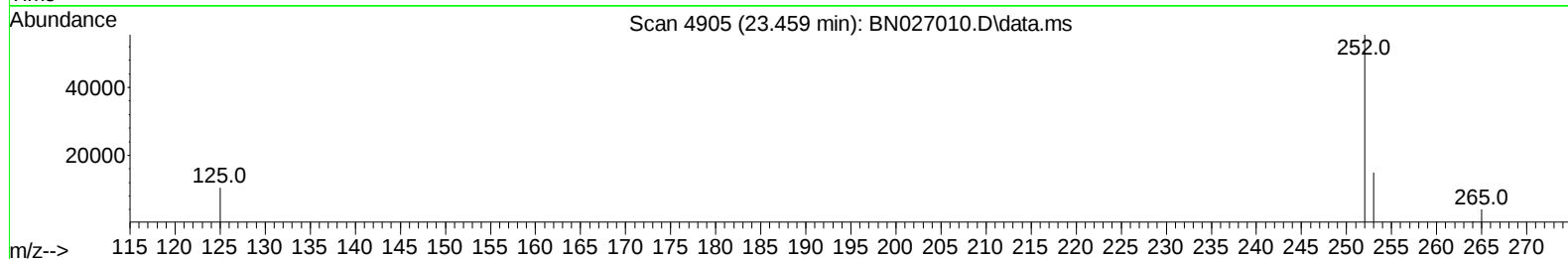
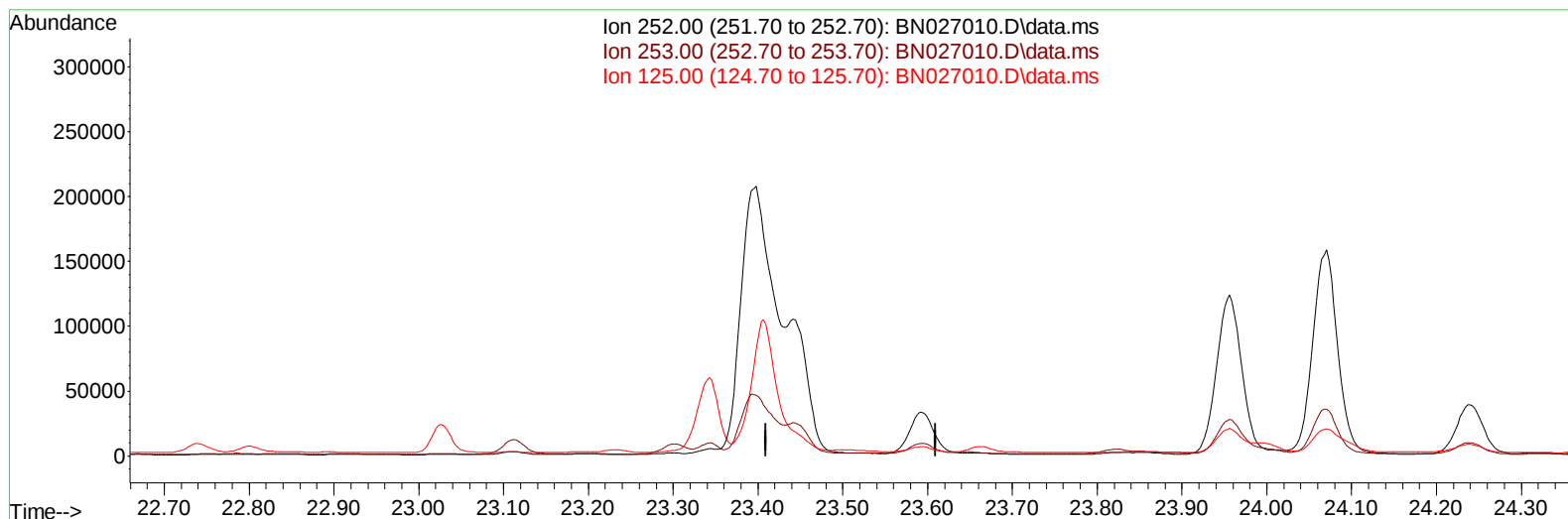
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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: BN027010.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

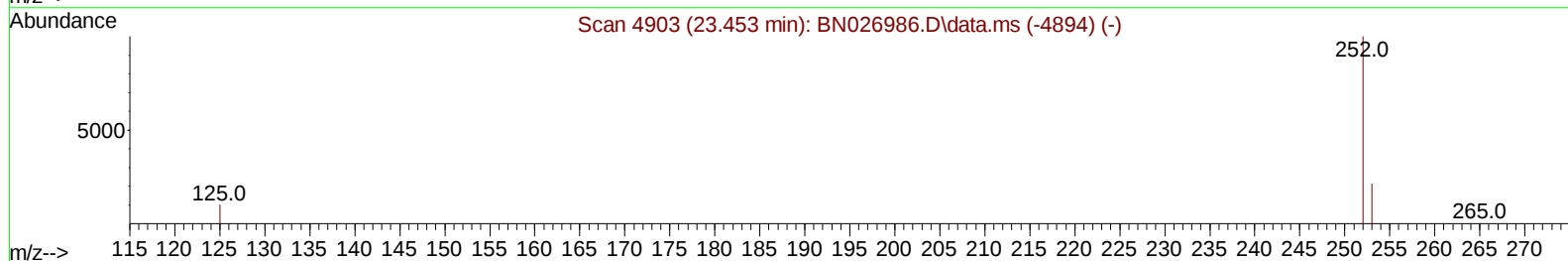
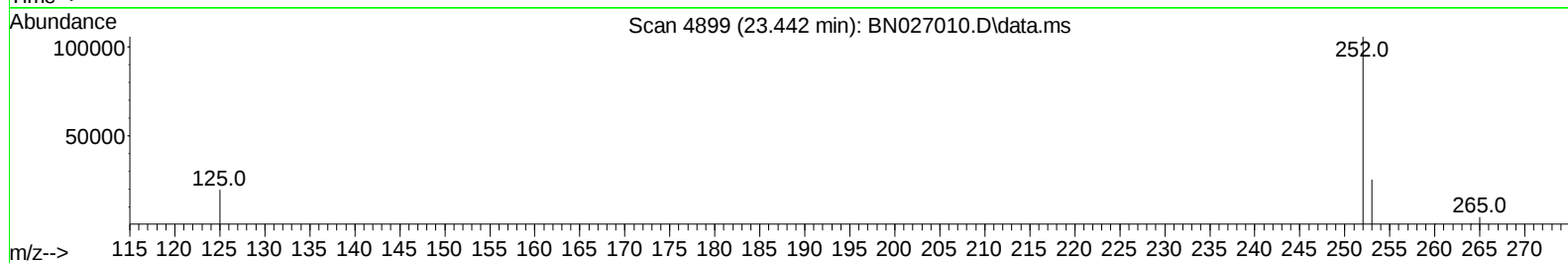
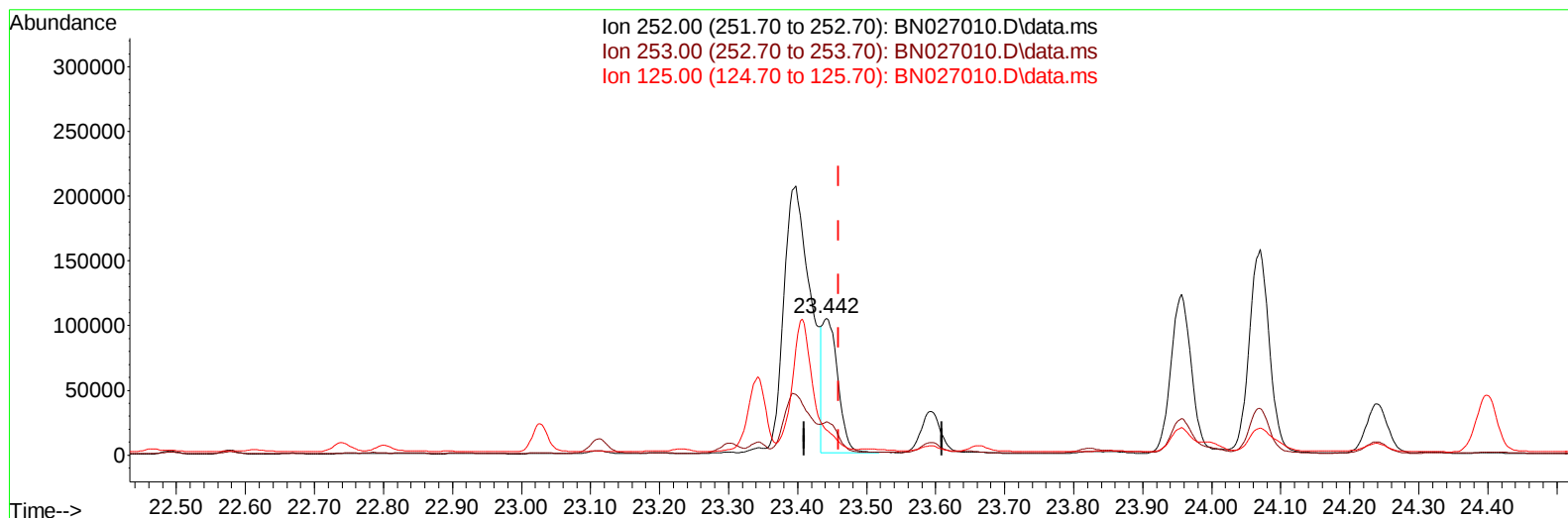
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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: BN027010.D\data.ms

(25) Benzo(k)fluoranthene

23.442min (-0.018) 1.67 ng/u1 m

response 164963

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	24.17
125.00	12.40	18.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027010.D
 Acq On : 22 Aug 2023 02:26
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N1

Manual IntegrationsAPPROVED

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

Quant Time: Aug 22 02:56:17 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	8079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	26666	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	34729	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	29261	0.400	ng/ul	# 0.00
23) Perylene-d12	24.184	264	26541	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	42653	4.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	8860	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	20349	0.220	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.977	128	13049	0.173	ng/ul	97
7) 2-Methylnaphthalene	12.572	142	4801	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	3138	0.066	ng/ul	100
10) Acenaphthylene	14.453	152	38190	0.433	ng/ul	100
11) Acenaphthene	14.791	153	6079	0.100	ng/ul	94
12) Fluorene	15.772	166	9348	0.135	ng/ul	98
15) Phenanthrene	17.514	178	245940	2.156	ng/ul	100
16) Anthracene	17.607	178	48478	0.470	ng/ul	99
19) Fluoranthene	19.515	202	764753	6.292	ng/ul	97
20) Pyrene	19.882	202	686697m	5.295	ng/ul	
21) Benzo(a)anthracene	21.623	228	341538	2.935	ng/ul	99
22) Chrysene	21.682	228	382640	3.331	ng/ul	97
24) Benzo(b)fluoranthene	23.398	252	540236m	5.381	ng/ul	
25) Benzo(k)fluoranthene	23.442	252	164963m	1.666	ng/ul	
26) Benzo(a)pyrene	24.070	252	320358	3.536	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.867	276	214965	1.814	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.887	278	46464	0.492	ng/ul#	88
29) Benzo(g,h,i)perylene	27.709	276	208567	2.114	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027010.D
Acq On : 22 Aug 2023 02:26
Operator : MA/JU
Sample : 03967-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N1

Manual IntegrationsAPPROVED

Quant Time: Aug 22 02:56:17 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

