

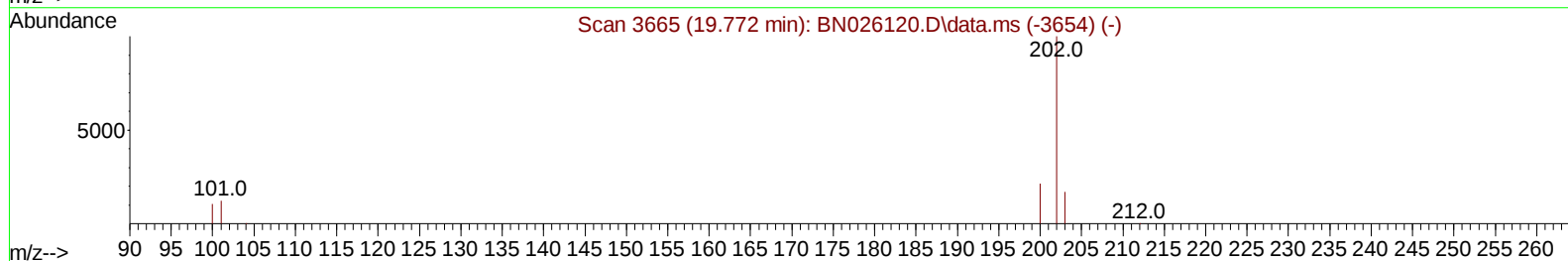
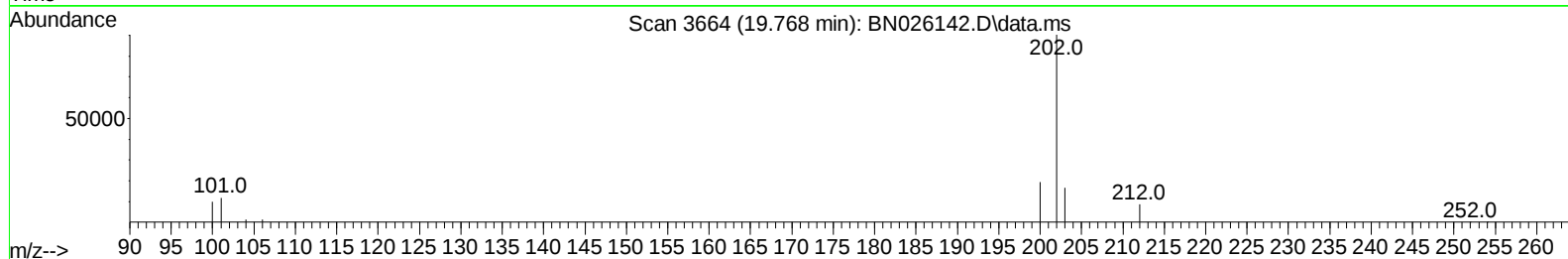
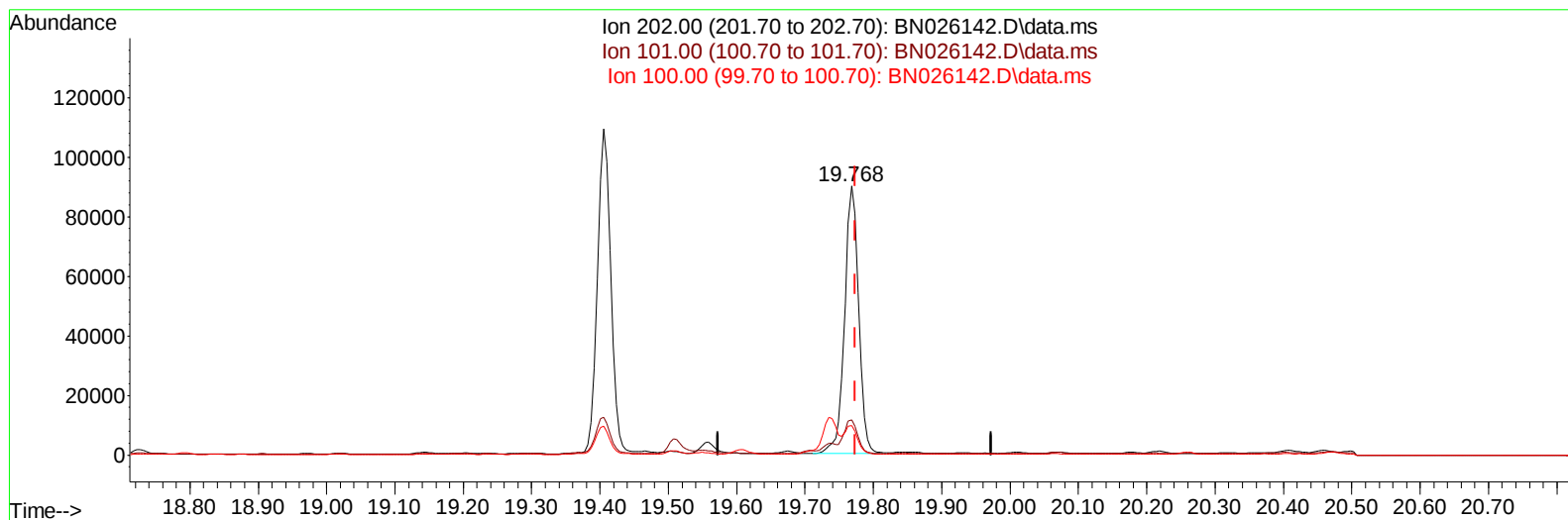
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026142.D
Acq On : 30 Jun 2023 22:39
Operator : MA/JU
Sample : 03161-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCF9W

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



TIC: BN026142.D\data.ms

(20) Pyrene

19.768min (-0.005) 1.45 ng/u1

response 125254

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	13.21
100.00	11.40	10.99
0.00	0.00	0.00

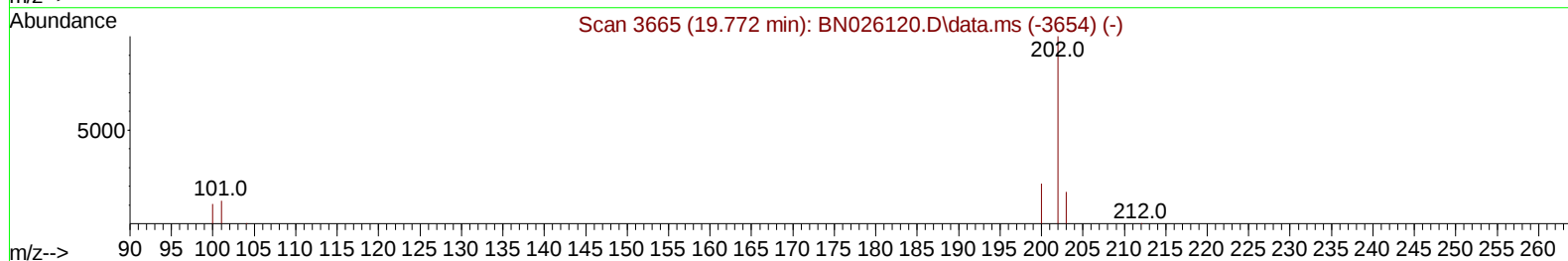
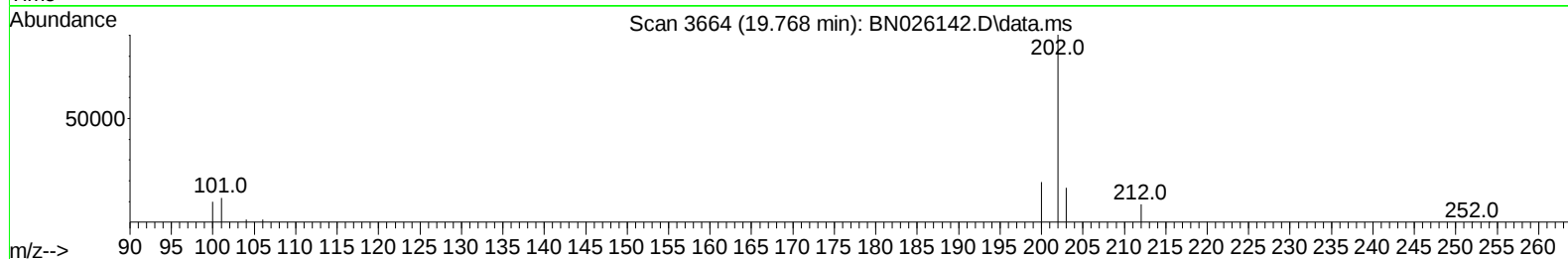
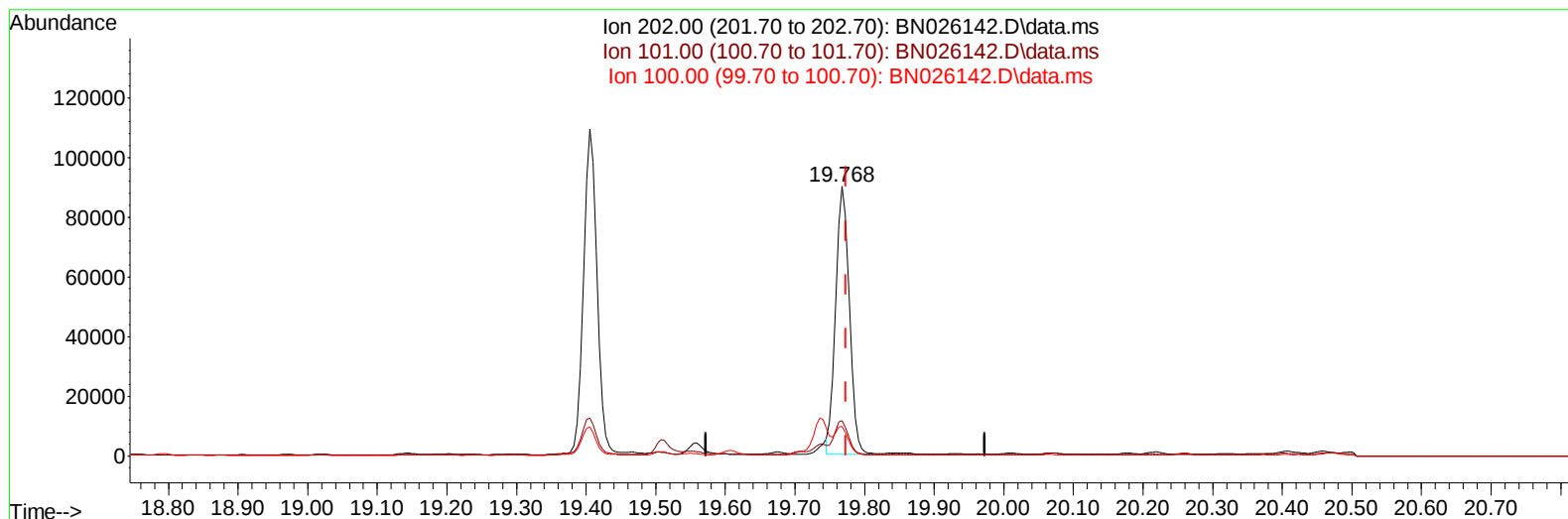
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026142.D
Acq On : 30 Jun 2023 22:39
Operator : MA/JU
Sample : 03161-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFw9

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



TIC: BN026142.D\data.ms

(20) Pyrene

19.768min (-0.005) 1.41 ng/ul m

response 121694

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	13.21
100.00	11.40	10.99
0.00	0.00	0.00

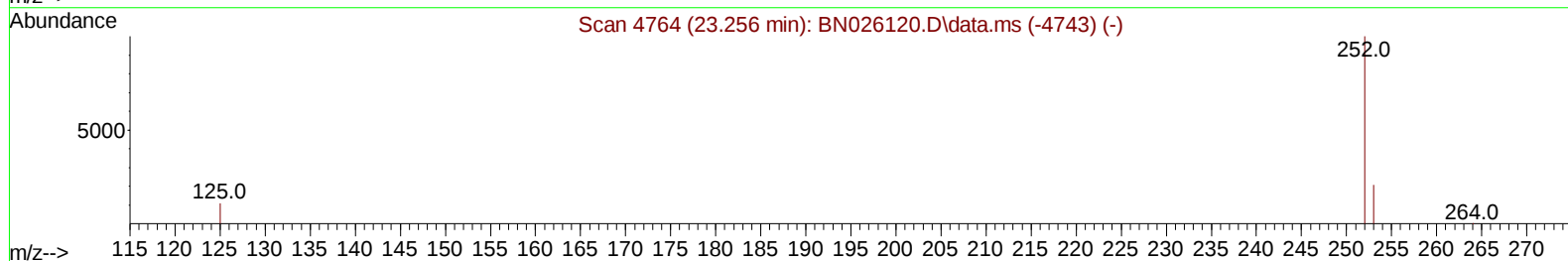
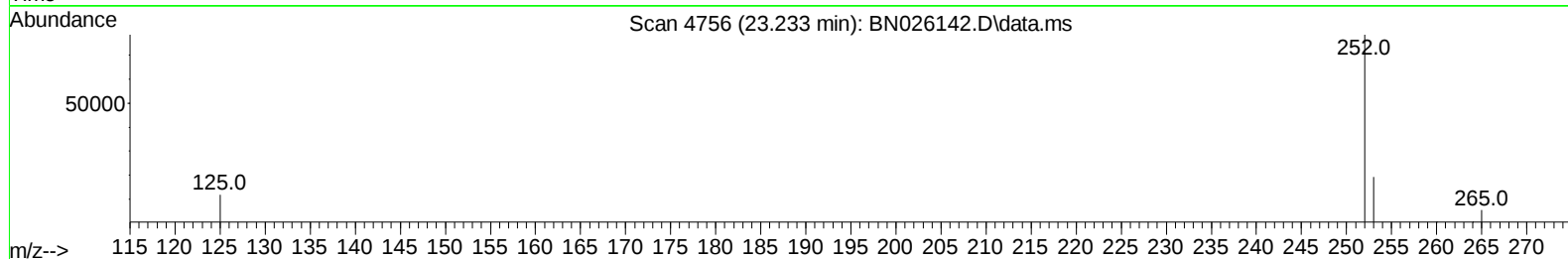
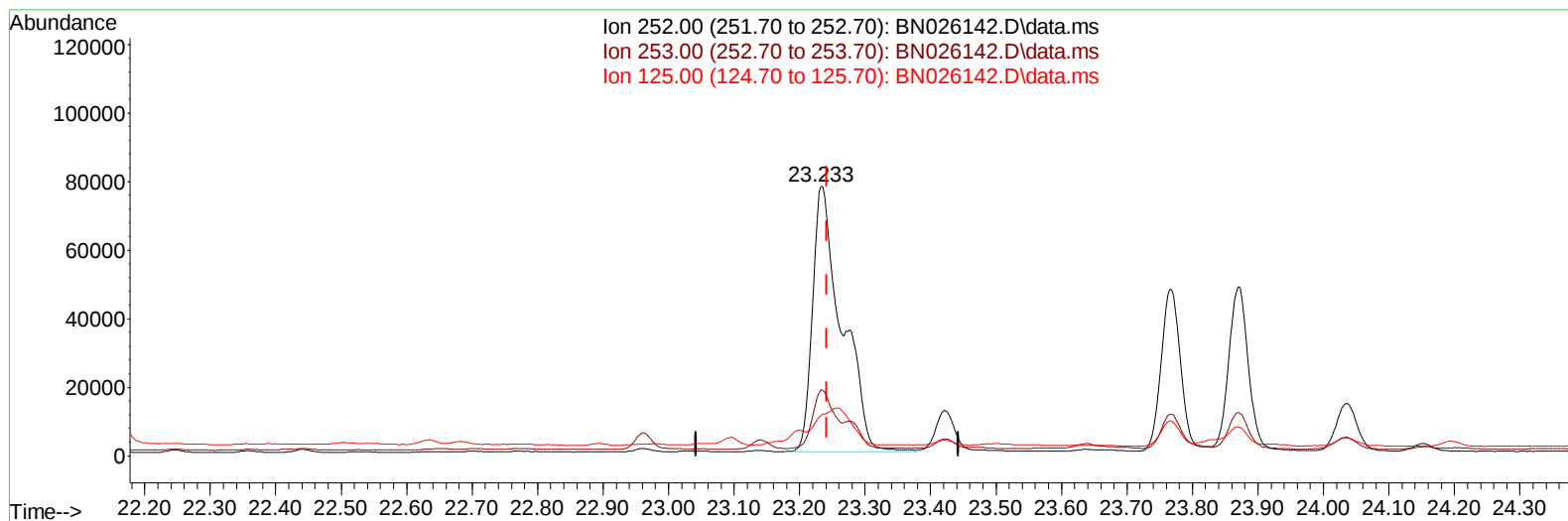
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026142.D
 Acq On : 30 Jun 2023 22:39
 Operator : MA/JU
 Sample : 03161-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



TIC: BN026142.D\data.ms

(24) Benzo(b)fluoranthene

23.233min (-0.009) 3.65 ng/u1

response 239784

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.80	24.57
125.00	17.90	14.99
0.00	0.00	0.00

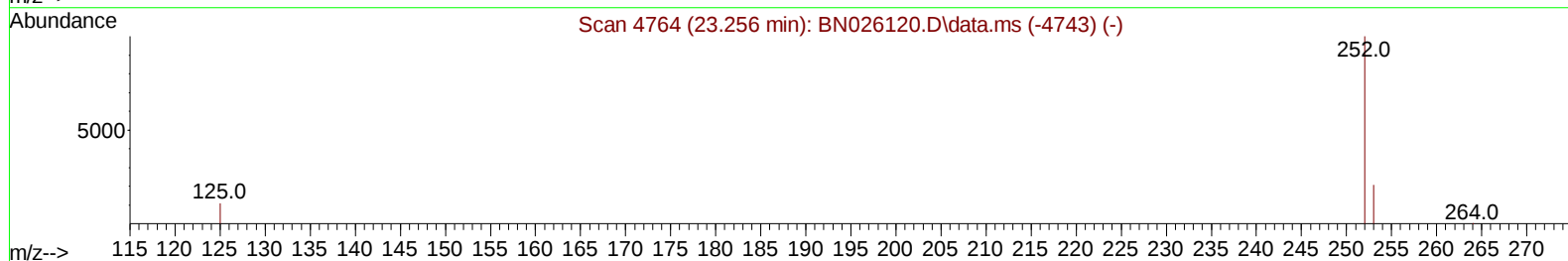
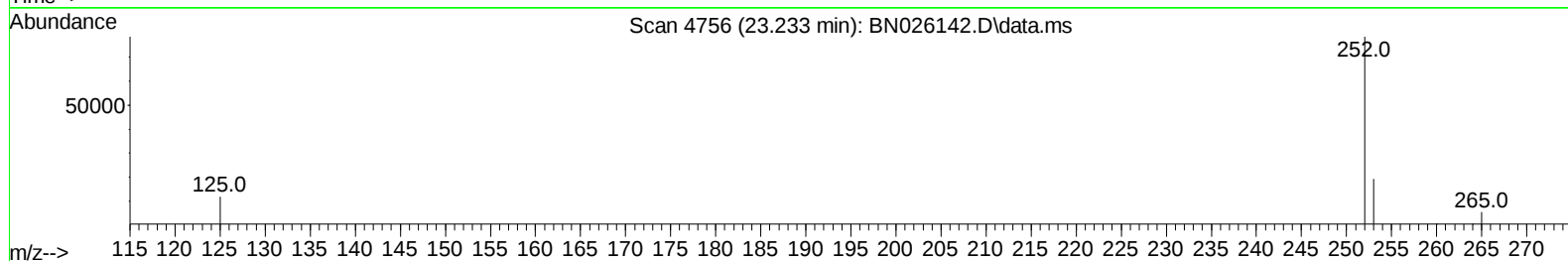
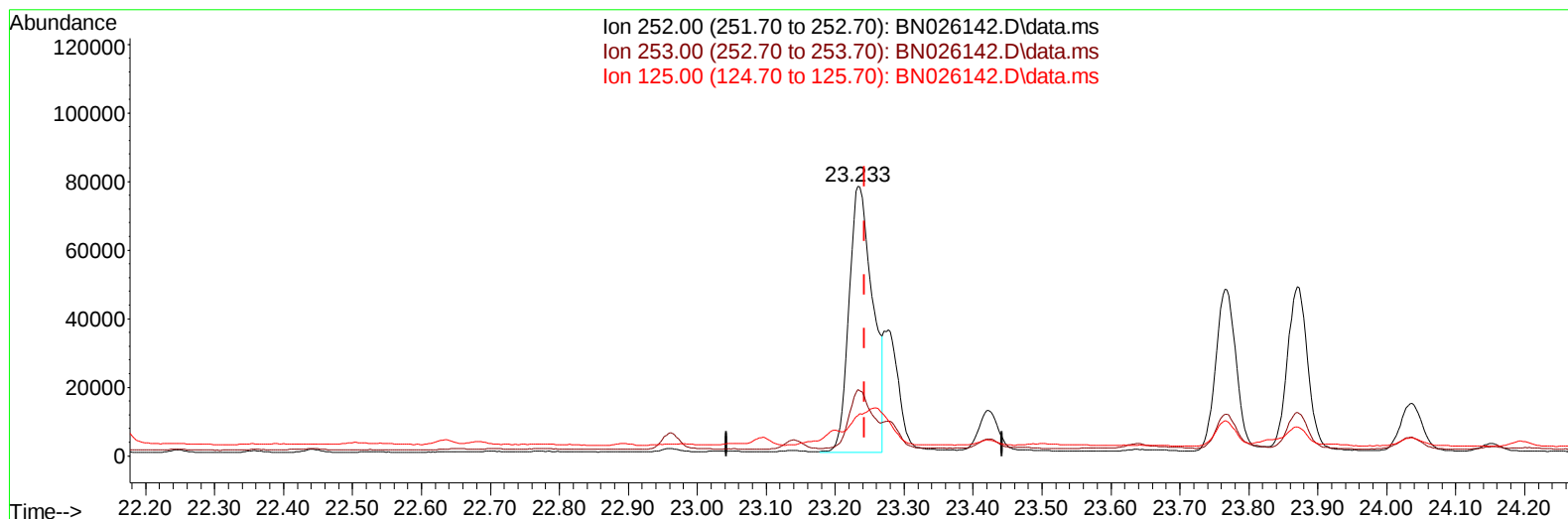
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026142.D
 Acq On : 30 Jun 2023 22:39
 Operator : MA/JU
 Sample : 03161-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



TIC: BN026142.D\data.ms

(24) Benzo(b)fluoranthene

23.233min (-0.009) 2.82 ng/ul m

response 185266

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.80	24.57
125.00	17.90	14.99
0.00	0.00	0.00

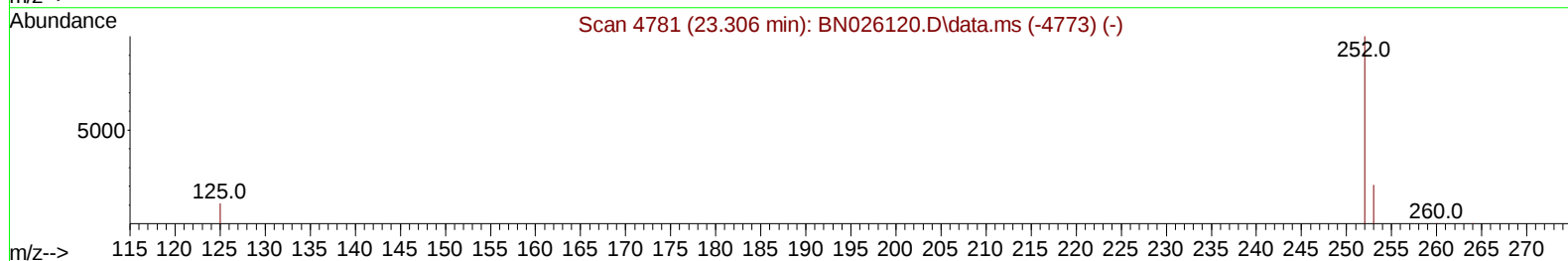
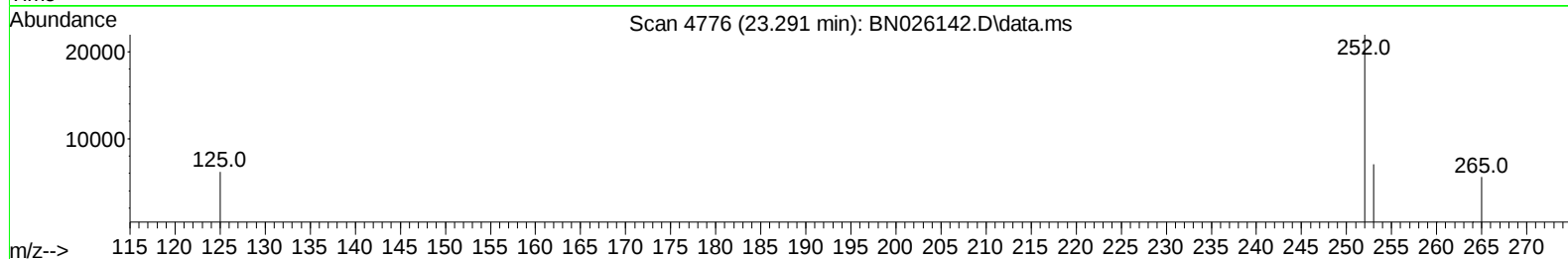
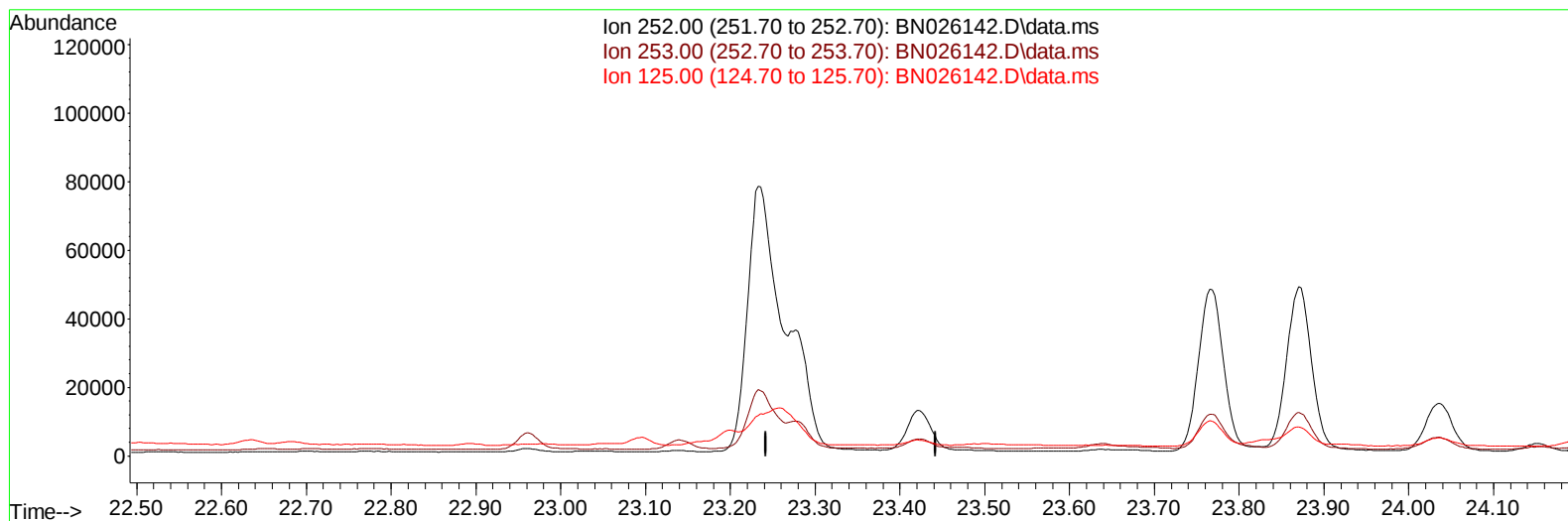
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026142.D
 Acq On : 30 Jun 2023 22:39
 Operator : MA/JU
 Sample : 03161-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



TIC: BN026142.D\data.ms

(25) Benzo(k)fluoranthene

23.292min (-23.292) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	29.00	0.00#
125.00	18.70	0.00#
0.00	0.00	0.00

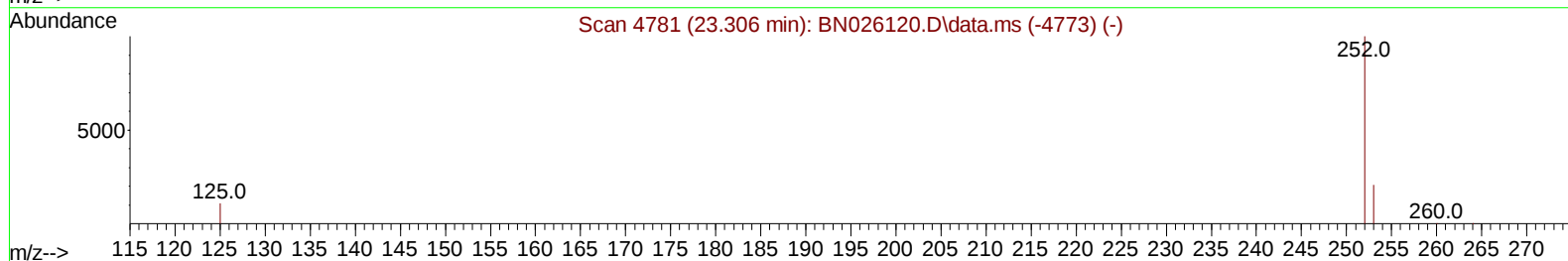
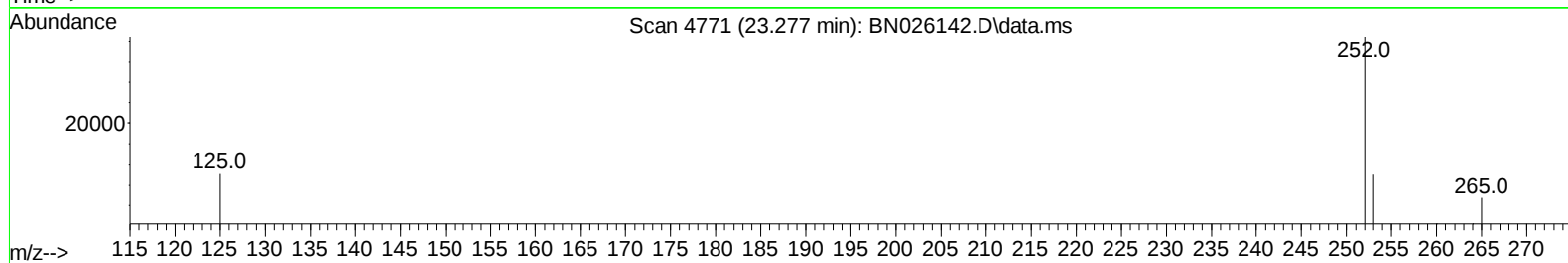
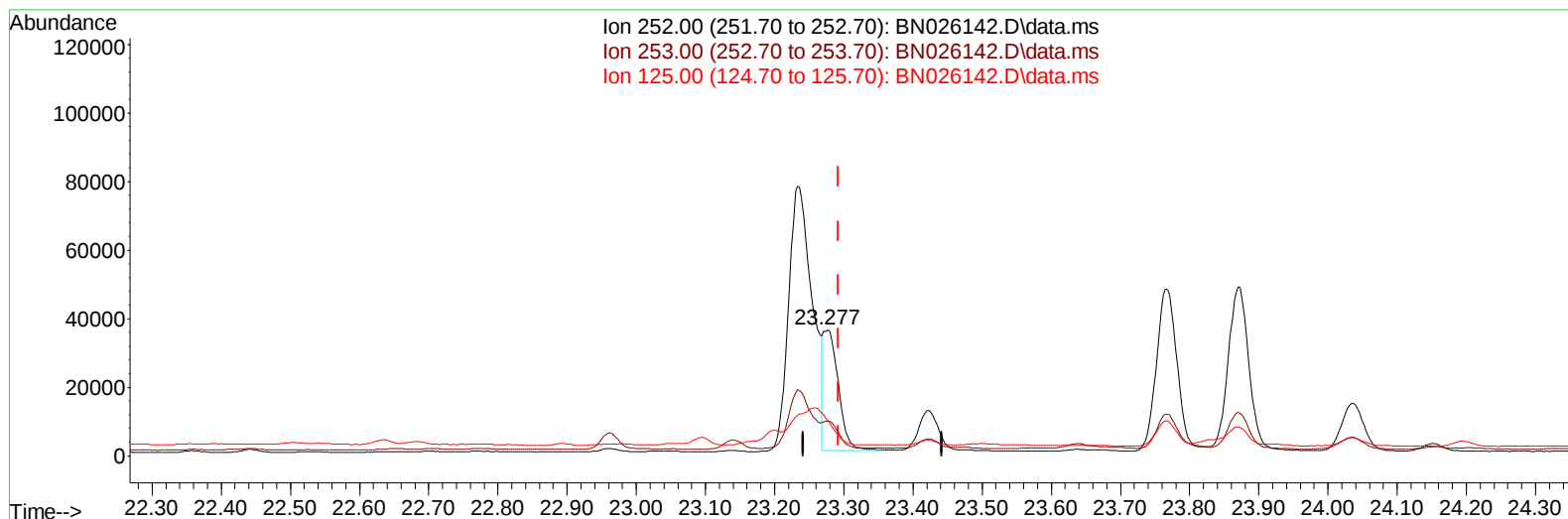
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026142.D
 Acq On : 30 Jun 2023 22:39
 Operator : MA/JU
 Sample : 03161-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



TIC: BN026142.D\data.ms

(25) Benzo(k)fluoranthene

23.277min (-0.015) 0.79 ng/u1 m

response 52394

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	27.55
125.00	18.70	27.95#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026142.D
 Acq On : 30 Jun 2023 22:39
 Operator : MA/JU
 Sample : 03161-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 01:48:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14539	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29036	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	15514	0.400	ng/ul	# 0.00
23) Perylene-d12	23.981	264	15382	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	15058	1.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	4335	0.112	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	8105	0.137	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.825	128	14259	0.198	ng/ul	99
7) 2-Methylnaphthalene	12.437	142	4942	0.108	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	3048	0.064	ng/ul	100
10) Acenaphthylene	14.325	152	14548	0.214	ng/ul	98
11) Acenaphthene	14.667	153	2072	0.037	ng/ul	96
12) Fluorene	15.648	166	2187	0.034	ng/ul#	93
15) Phenanthrene	17.389	178	55824	0.582	ng/ul	99
16) Anthracene	17.482	178	16039	0.188	ng/ul	96
19) Fluoranthene	19.405	202	151484	1.828	ng/ul	99
20) Pyrene	19.768	202	121694m	1.412	ng/ul	
21) Benzo(a)anthracene	21.514	228	68430	1.069	ng/ul	95
22) Chrysene	21.567	228	100317	1.506	ng/ul	96
24) Benzo(b)fluoranthene	23.233	252	185266m	2.822	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	52394m	0.795	ng/ul	
26) Benzo(a)pyrene	23.870	252	99802	1.750	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.541	276	92460	1.485	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.551	278	22067	0.468	ng/ul#	91
29) Benzo(g,h,i)perylene	27.336	276	88121	1.590	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026142.D
Acq On : 30 Jun 2023 22:39
Operator : MA/JU
Sample : 03161-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFW9

Manual IntegrationsAPPROVED

Quant Time: Jul 01 01:48:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

