

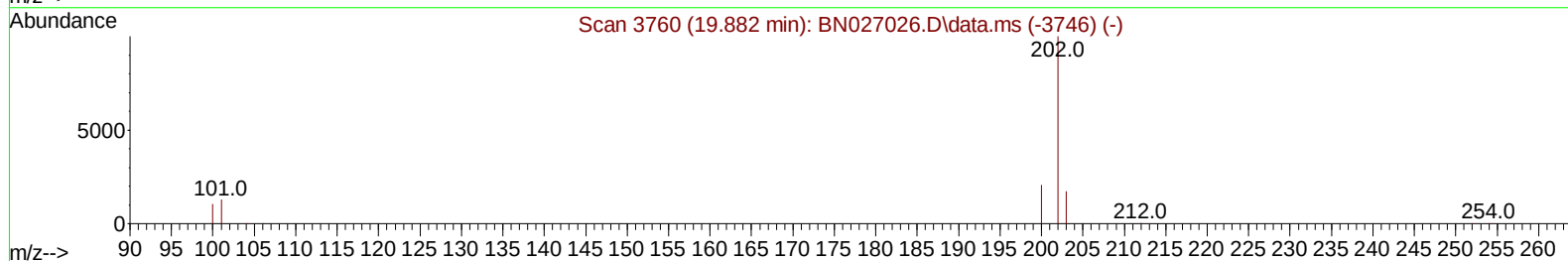
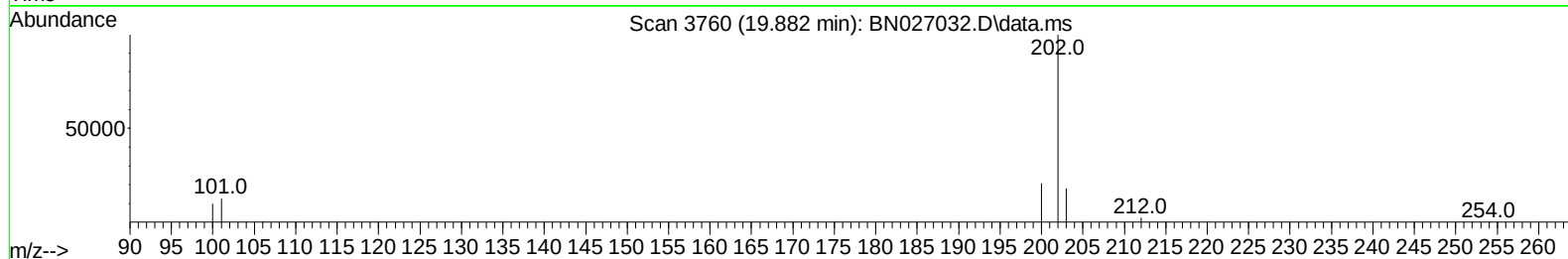
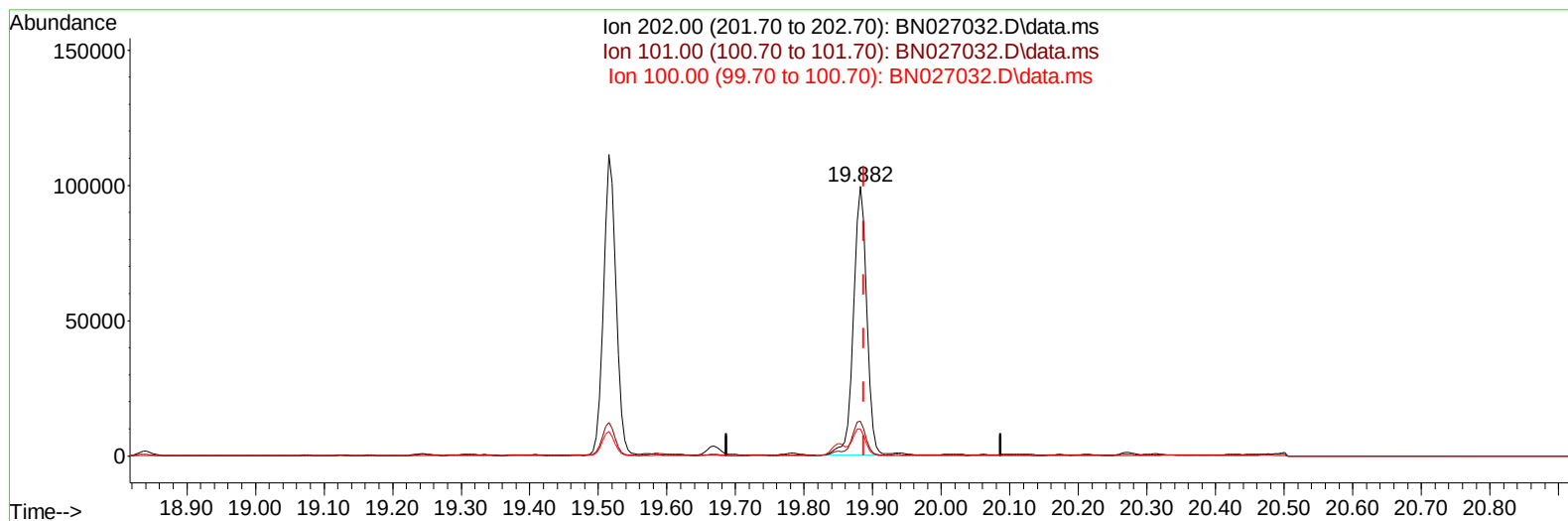
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027032.D
Acq On : 22 Aug 2023 18:22
Operator : MA/JU
Sample : 03967-23DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N4DL

Manual IntegrationsAPPROVED

Quant Time: Aug 23 01:43:43 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 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



TIC: BN027032.D\data.ms

(20) Pyrene

19.882min (-0.005) 1.16 ng/u1

response 133826

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.82
100.00	10.60	9.99
0.00	0.00	0.00

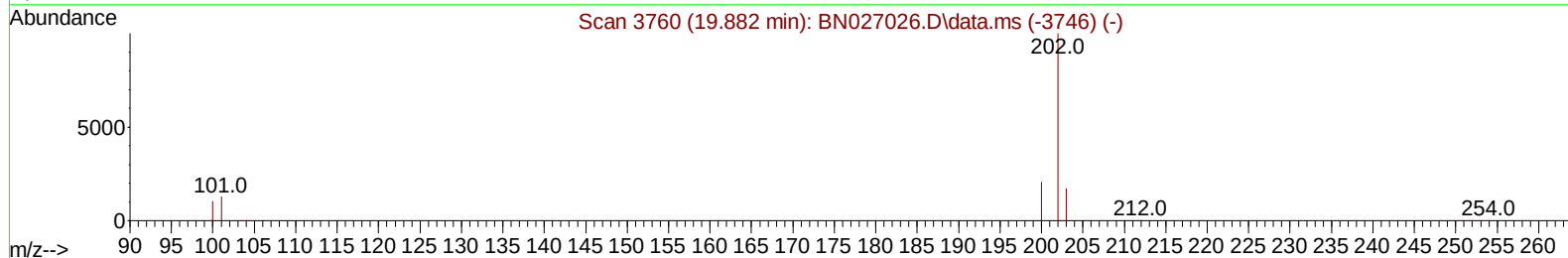
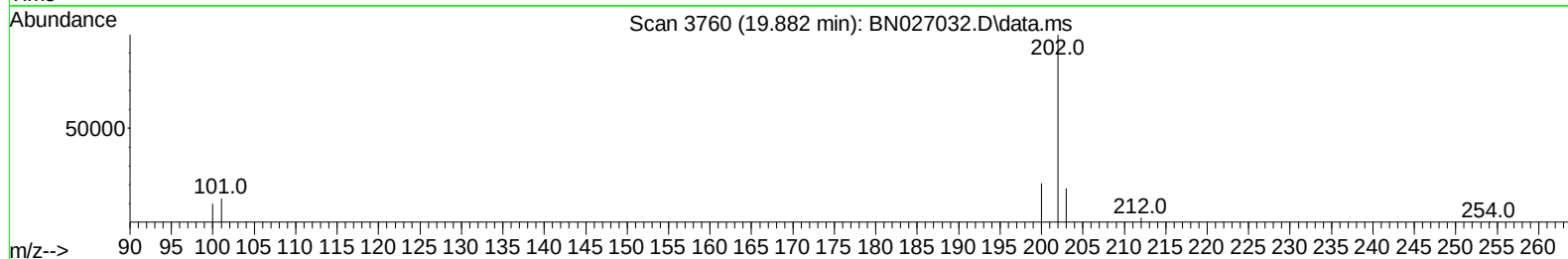
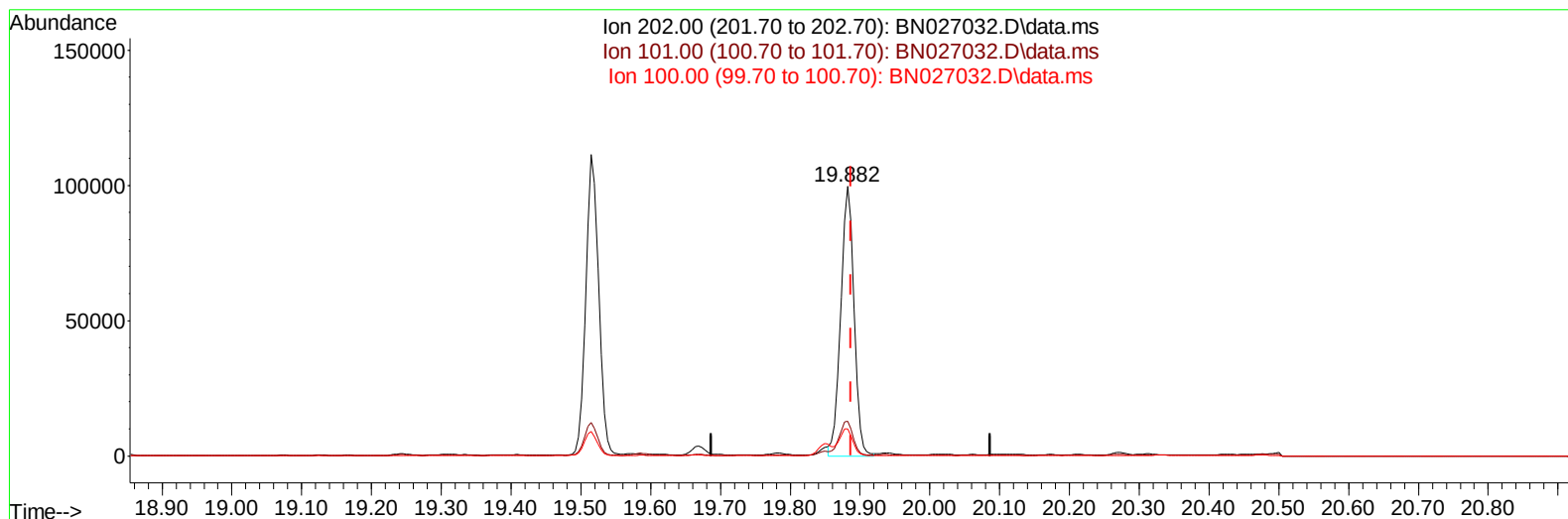
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027032.D
Acq On : 22 Aug 2023 18:22
Operator : MA/JU
Sample : 03967-23DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N4DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 08/23/2023
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TIC: BN027032.D\data.ms

(20) Pyrene

19.882min (-0.005) 1.15 ng/ul m

response 132122

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.82
100.00	10.60	9.99
0.00	0.00	0.00

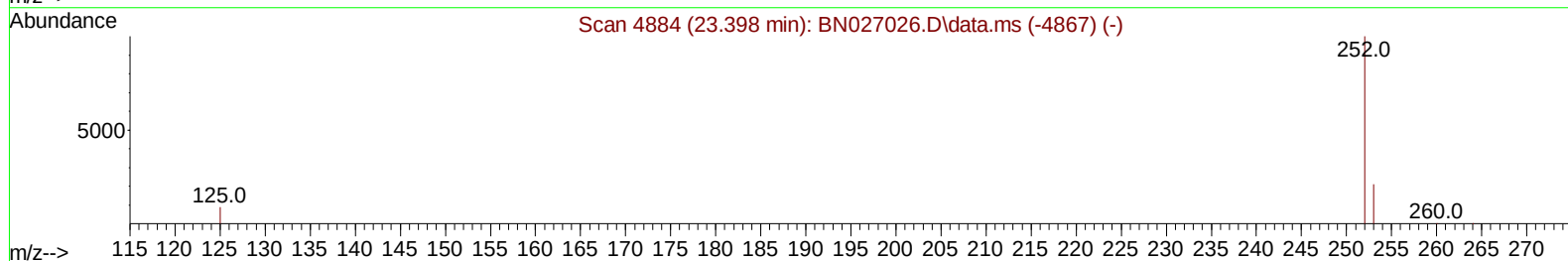
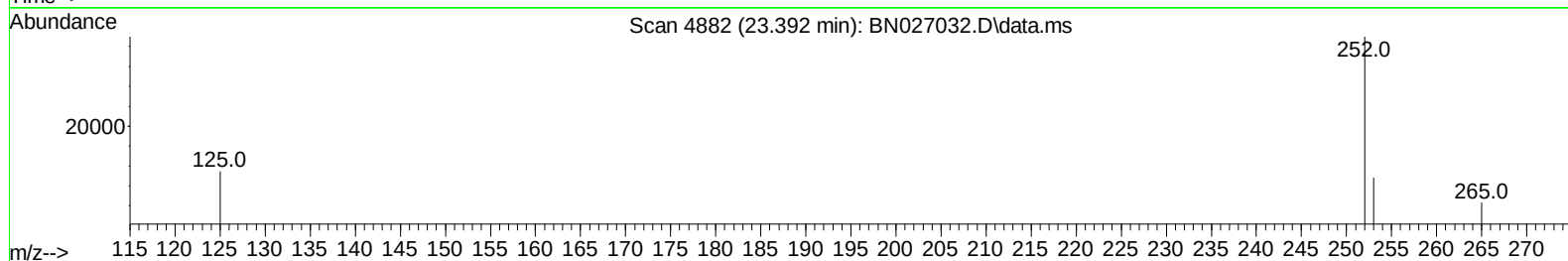
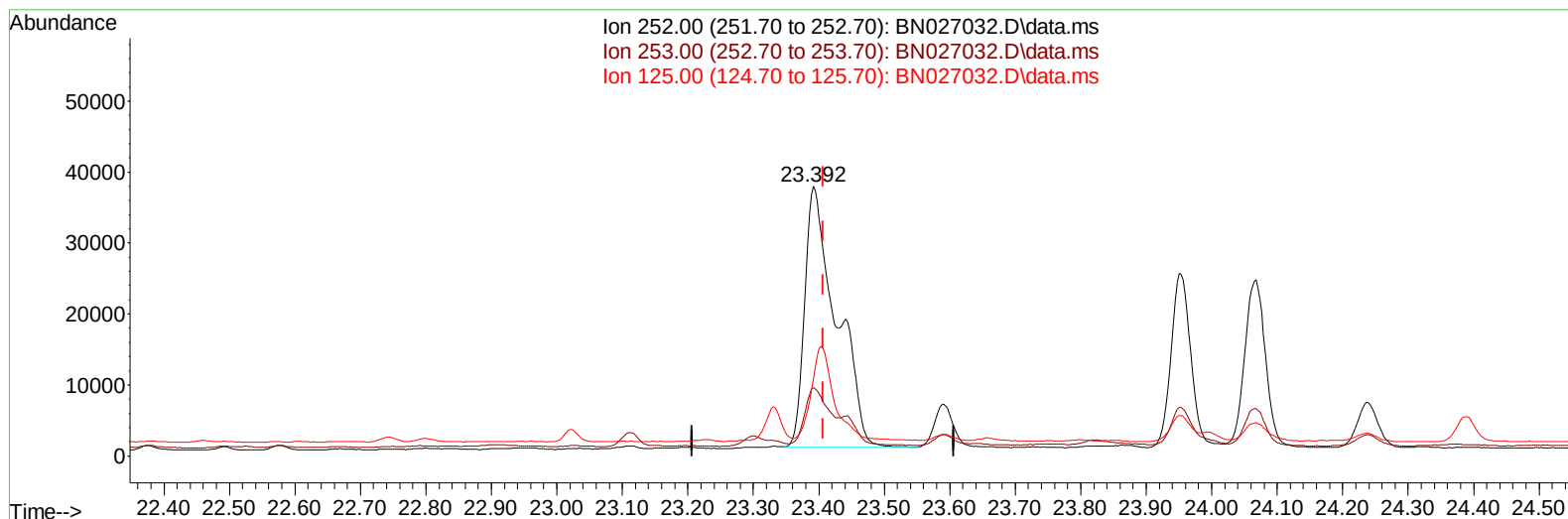
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027032.D
 Acq On : 22 Aug 2023 18:22
 Operator : MA/JU
 Sample : 03967-23DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N4DL

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TIC: BN027032.D\data.ms

(24) Benzo(b)fluoranthene

23.392min (-0.015) 1.47 ng/u1

response 123428

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	25.33
125.00	12.60	28.74#
0.00	0.00	0.00

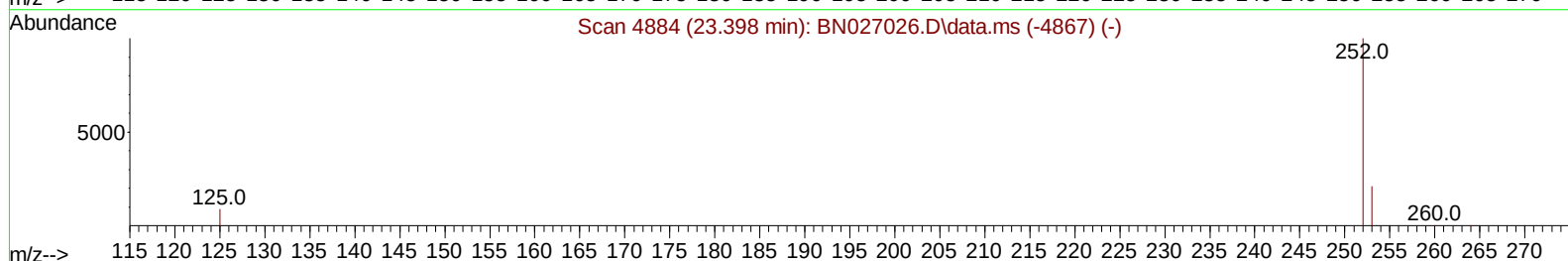
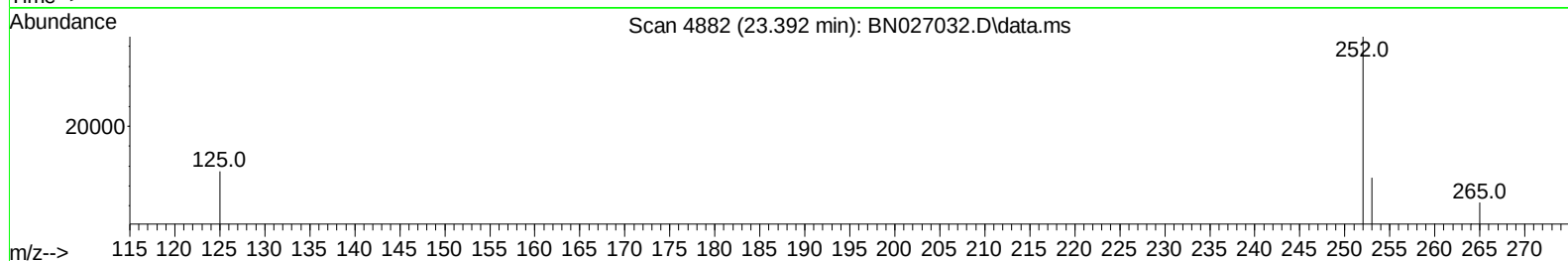
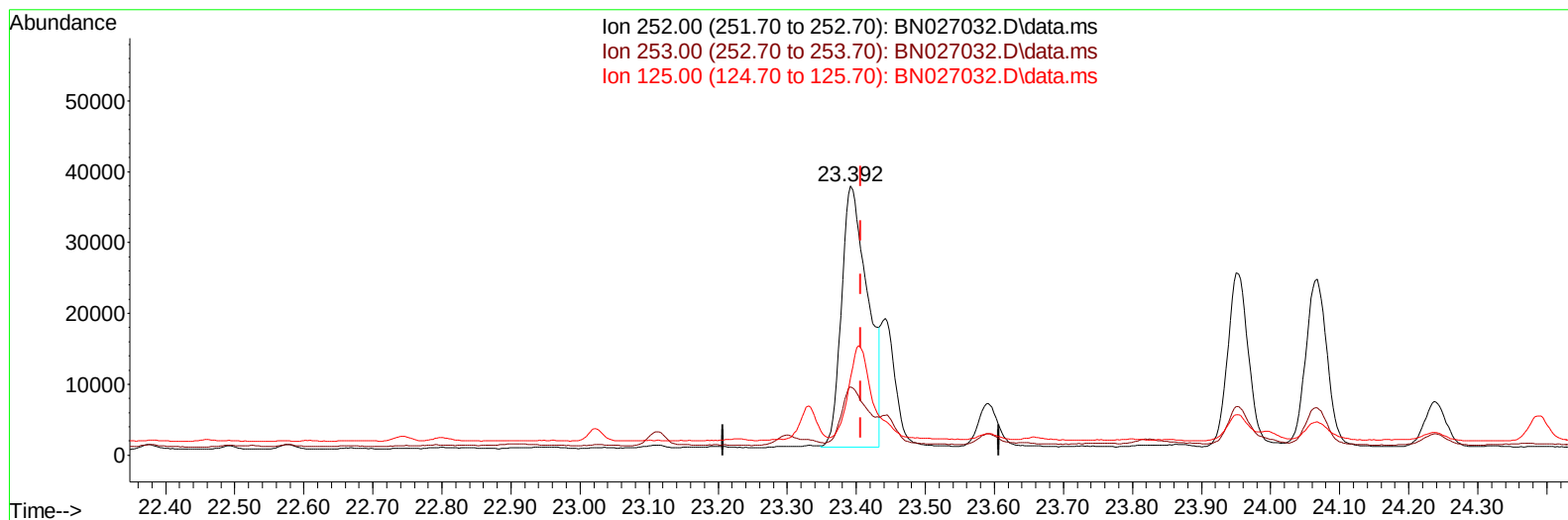
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027032.D
 Acq On : 22 Aug 2023 18:22
 Operator : MA/JU
 Sample : 03967-23DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N4DL

Manual IntegrationsAPPROVED

Quant Time: Aug 23 01:43:43 2023
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TIC: BN027032.D\data.ms

(24) Benzo(b)fluoranthene

23.392min (-0.015) 1.16 ng/ul m

response 97513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	25.33
125.00	12.60	28.74#
0.00	0.00	0.00

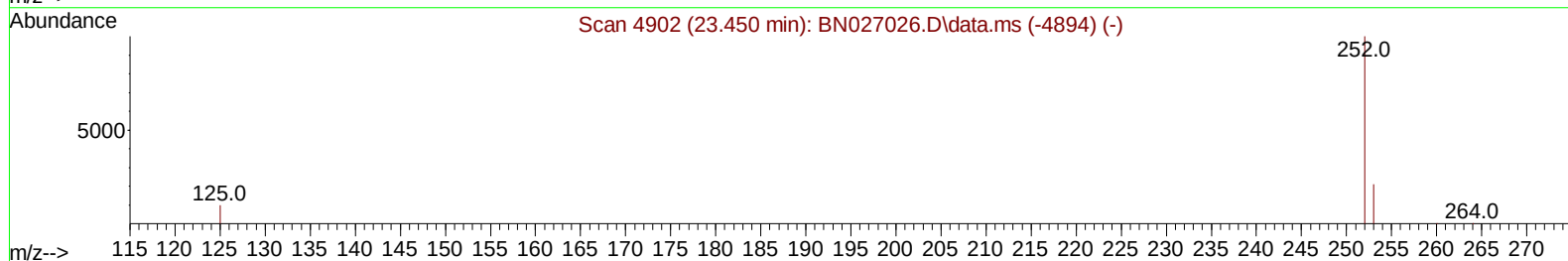
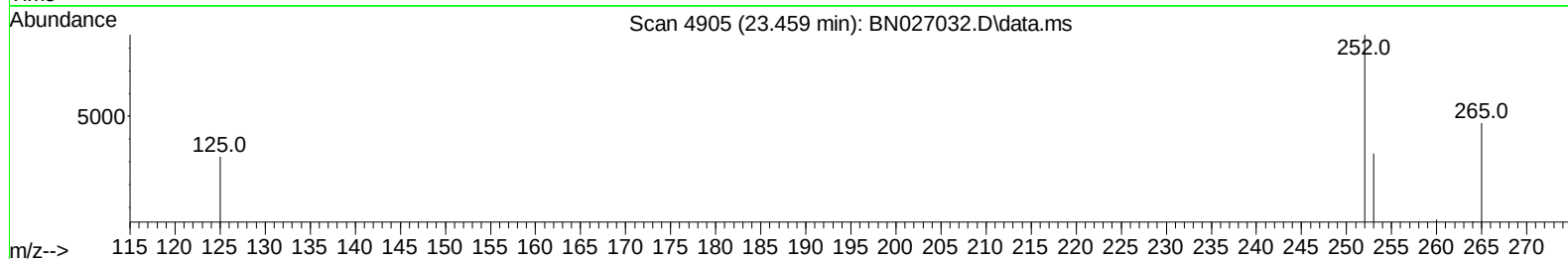
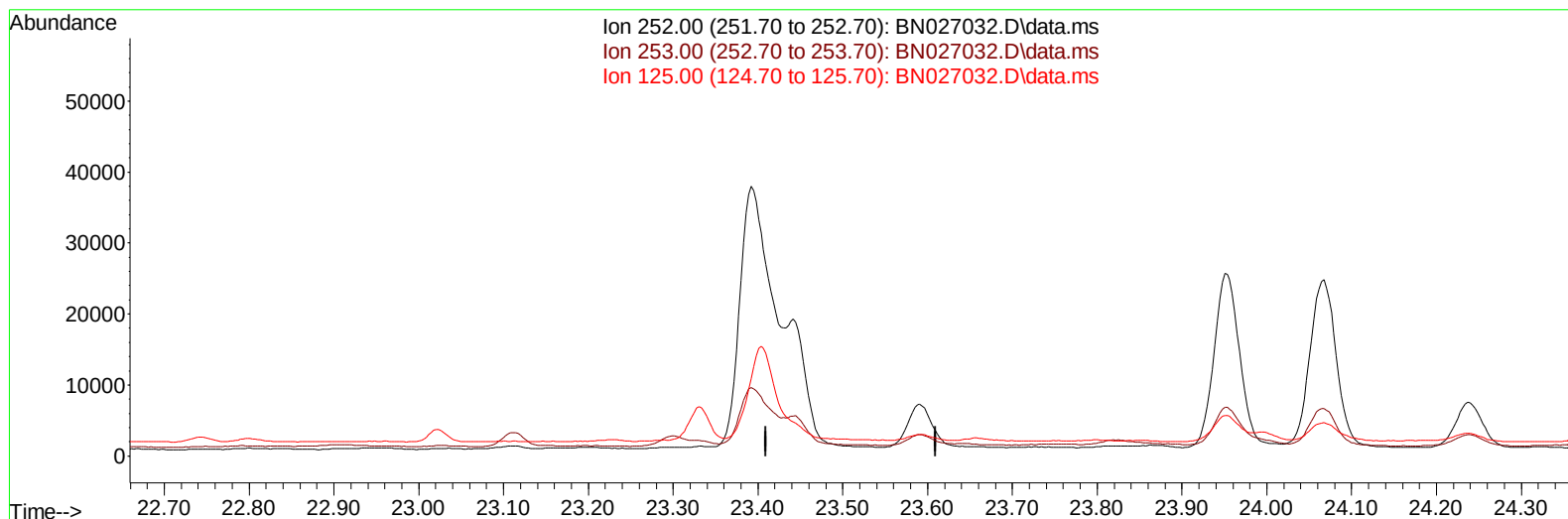
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027032.D
 Acq On : 22 Aug 2023 18:22
 Operator : MA/JU
 Sample : 03967-23DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N4DL

Manual IntegrationsAPPROVED

Quant Time: Aug 23 01:43:43 2023
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TIC: BN027032.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

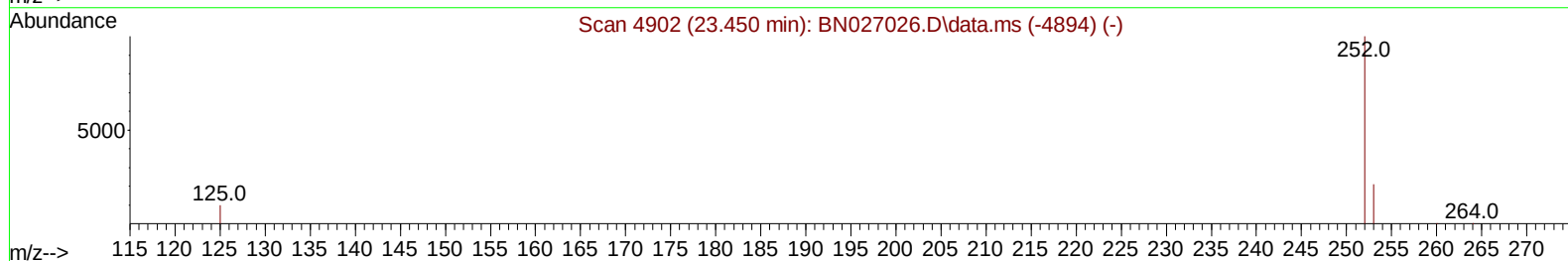
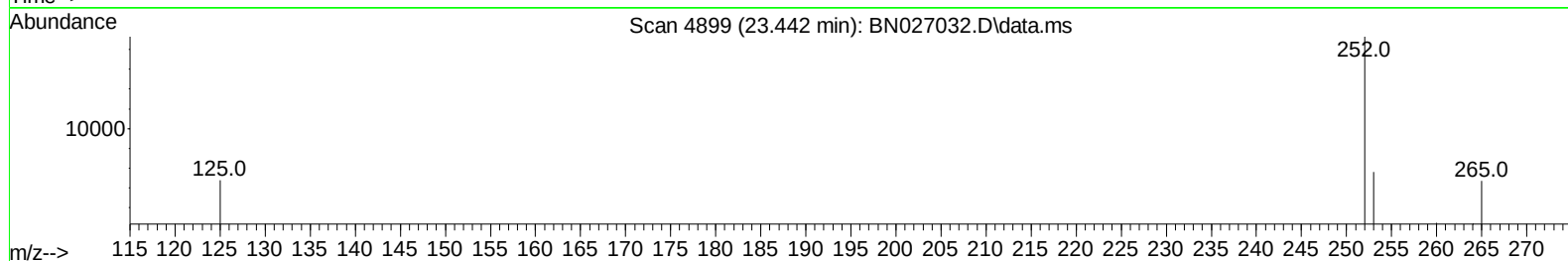
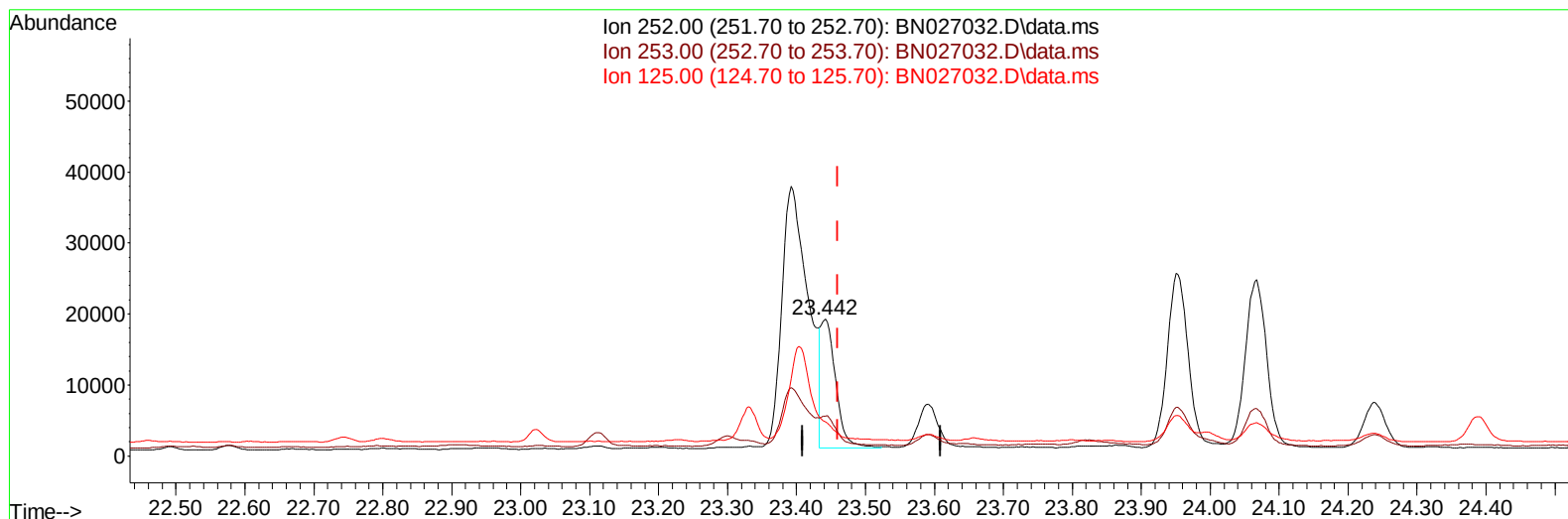
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027032.D
 Acq On : 22 Aug 2023 18:22
 Operator : MA/JU
 Sample : 03967-23DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N4DL

Manual IntegrationsAPPROVED

Quant Time: Aug 23 01:43:43 2023
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 Supervised By :mohammad ahmed 08/24/2023



TIC: BN027032.D\data.ms

(25) Benzo(k)fluoranthene

23.442min (-0.018) 0.33 ng/ul m

response 27139

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	29.22#
125.00	12.40	24.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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 Operator : MA/JU
 Sample : 03967-23DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	7718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	25329	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	14491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	32062	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	26032	0.400	ng/ul	# 0.00
23) Perylene-d12	24.181	264	22274	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5543	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1390	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3498	0.043	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.977	128	4572	0.064	ng/ul#	93
7) 2-Methylnaphthalene	12.572	142	2233	0.052	ng/ul	97
8) 1-Methylnaphthalene	12.786	142	1502	0.033	ng/ul	99
10) Acenaphthylene	14.453	152	9109	0.112	ng/ul	97
11) Acenaphthene	14.786	153	2000	0.036	ng/ul	96
12) Fluorene	15.767	166	2506	0.039	ng/ul#	97
15) Phenanthrene	17.514	178	65750	0.624	ng/ul	100
16) Anthracene	17.603	178	12976	0.136	ng/ul	97
19) Fluoranthene	19.515	202	141640	1.310	ng/ul	98
20) Pyrene	19.882	202	132122m	1.145	ng/ul	
21) Benzo(a)anthracene	21.623	228	59581	0.575	ng/ul	97
22) Chrysene	21.679	228	78832	0.771	ng/ul	97
24) Benzo(b)fluoranthene	23.392	252	97513m	1.157	ng/ul	
25) Benzo(k)fluoranthene	23.442	252	27139m	0.327	ng/ul	
26) Benzo(a)pyrene	24.067	252	51514	0.678	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.864	276	35455	0.357	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.887	278	9758	0.123	ng/ul#	49
29) Benzo(g,h,i)perylene	27.706	276	38635	0.467	ng/ul	93

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

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