

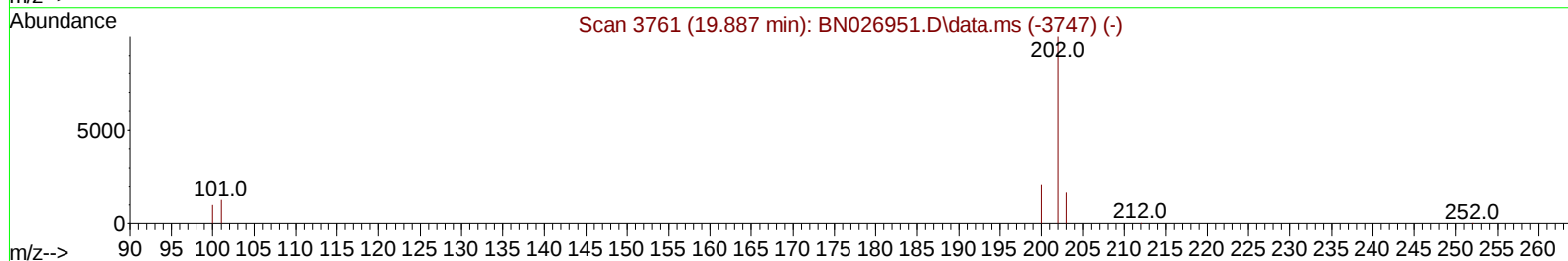
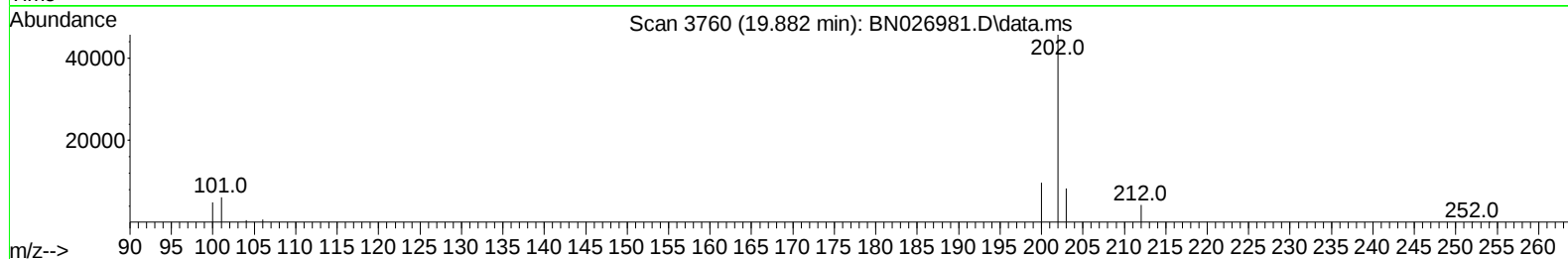
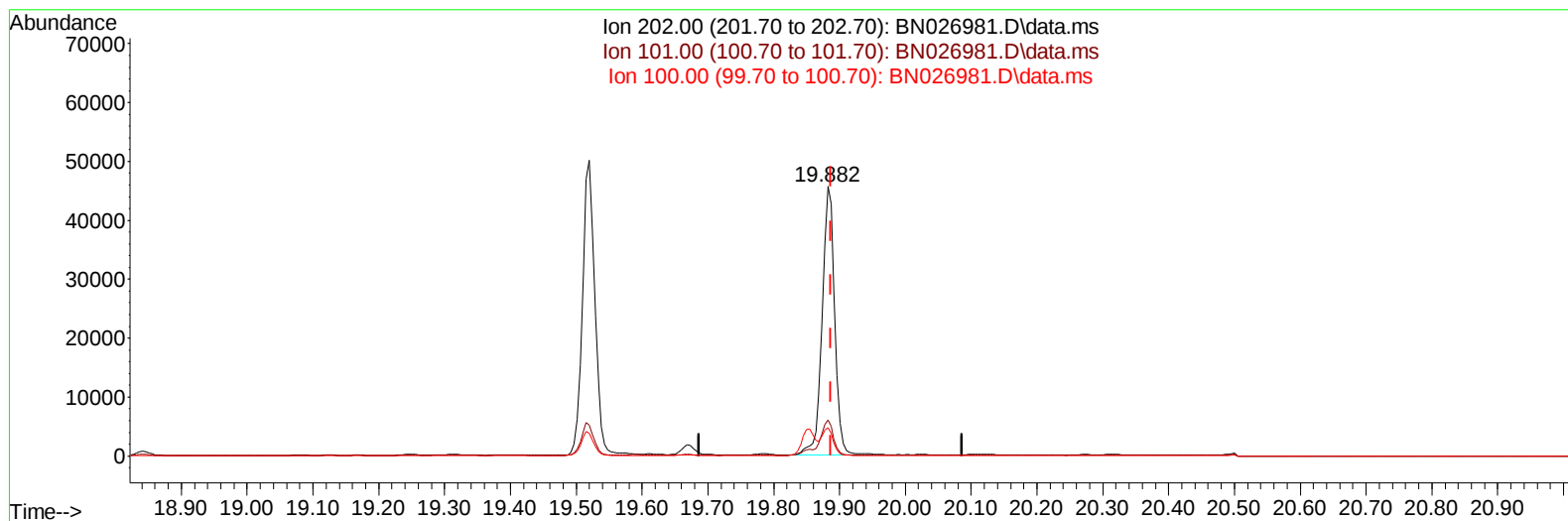
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026981.D
Acq On : 19 Aug 2023 05:41
Operator : MA/JU
Sample : 03965-20DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48L5DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 06:11:54 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 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



TIC: BN026981.D\data.ms

(20) Pyrene

19.882min (-0.005) 0.54 ng/u1

response 61067

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.31
100.00	10.60	10.57
0.00	0.00	0.00

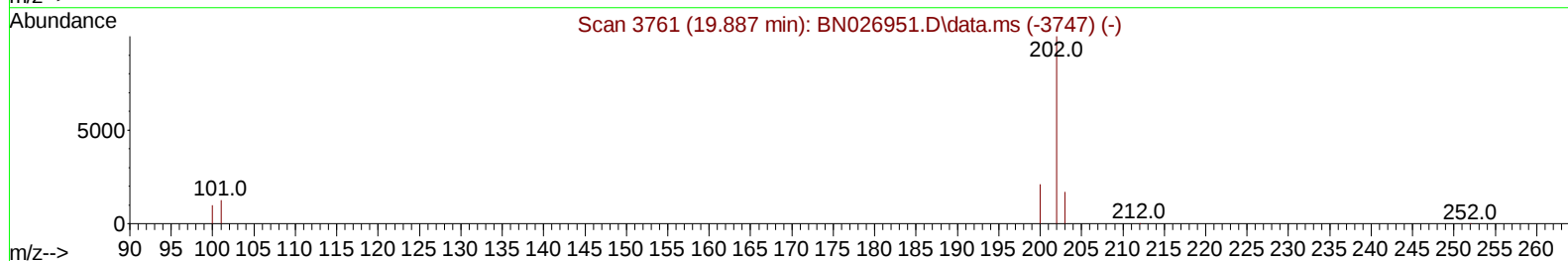
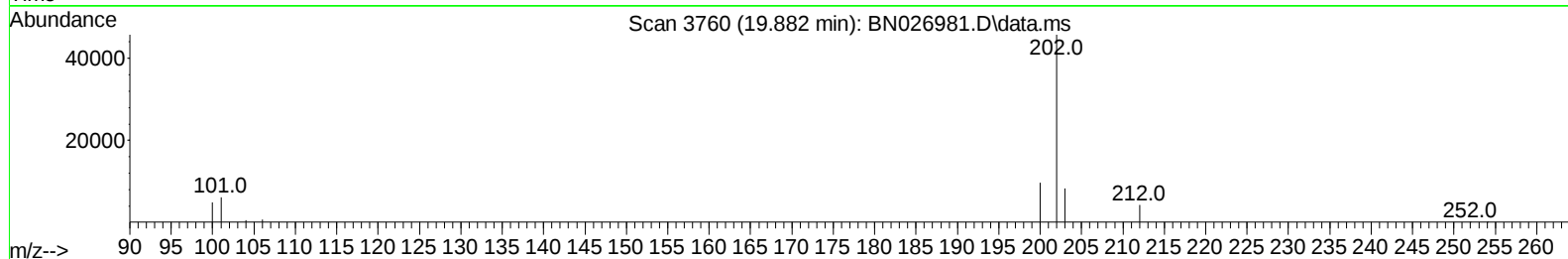
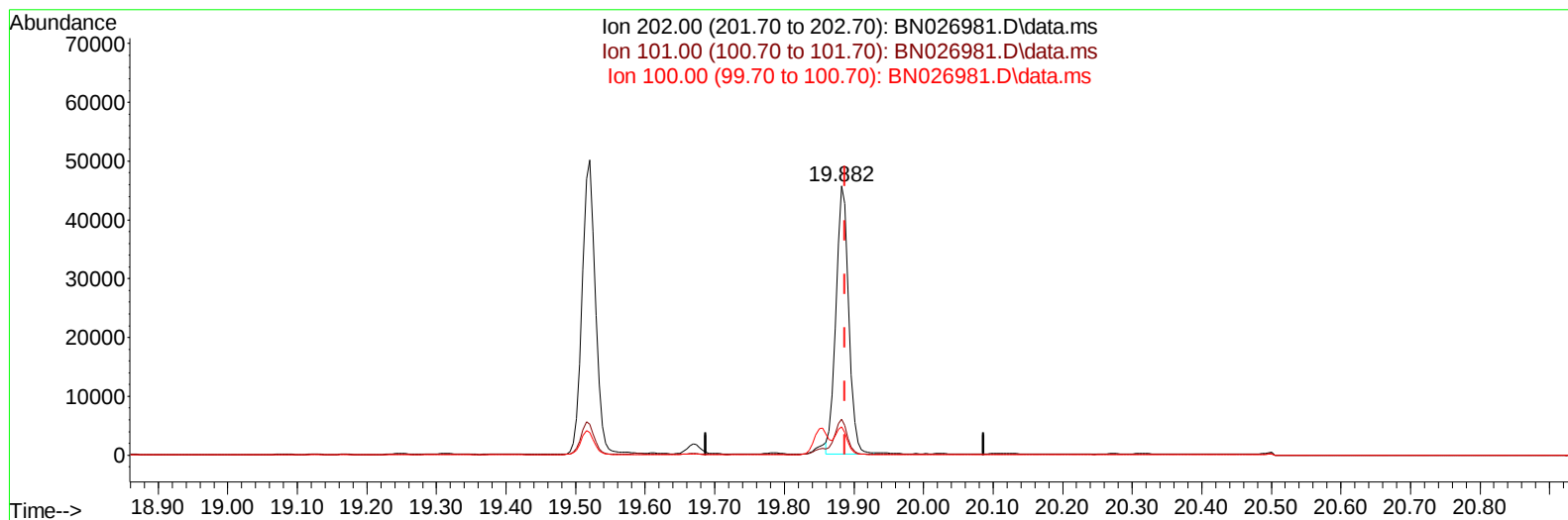
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 06:11:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026981.D\data.ms

(20) Pyrene

19.882min (-0.005) 0.51 ng/ul m

response 58423

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.31
100.00	10.60	10.57
0.00	0.00	0.00

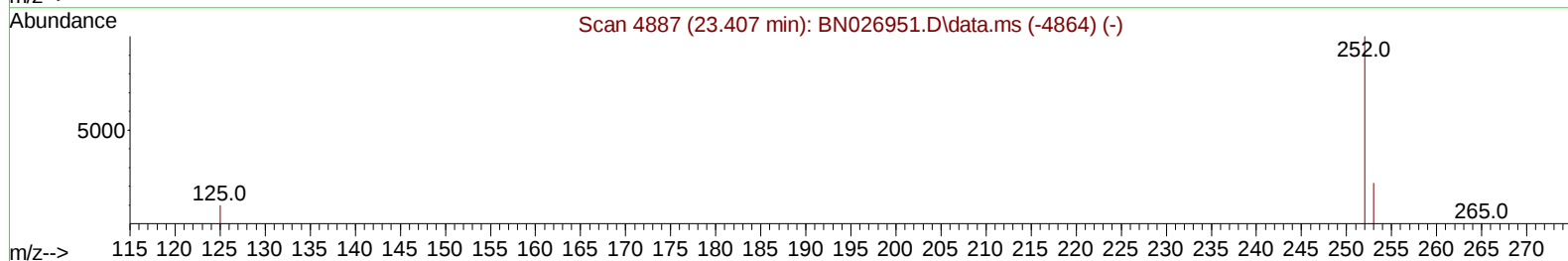
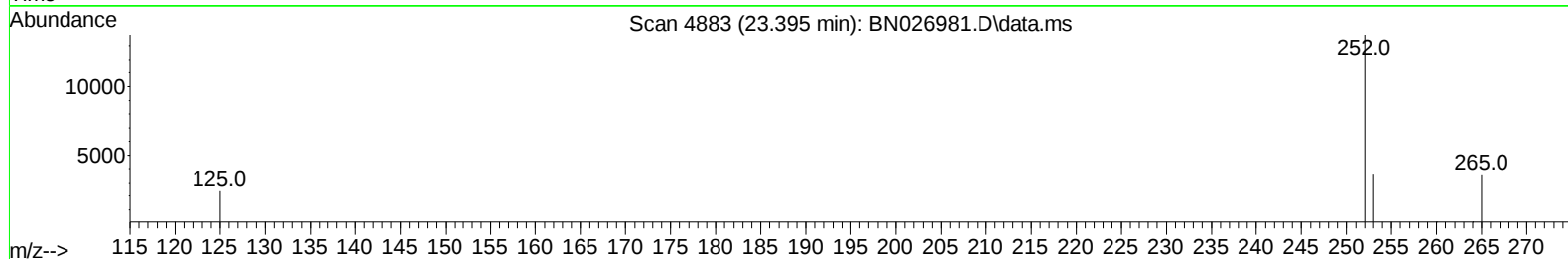
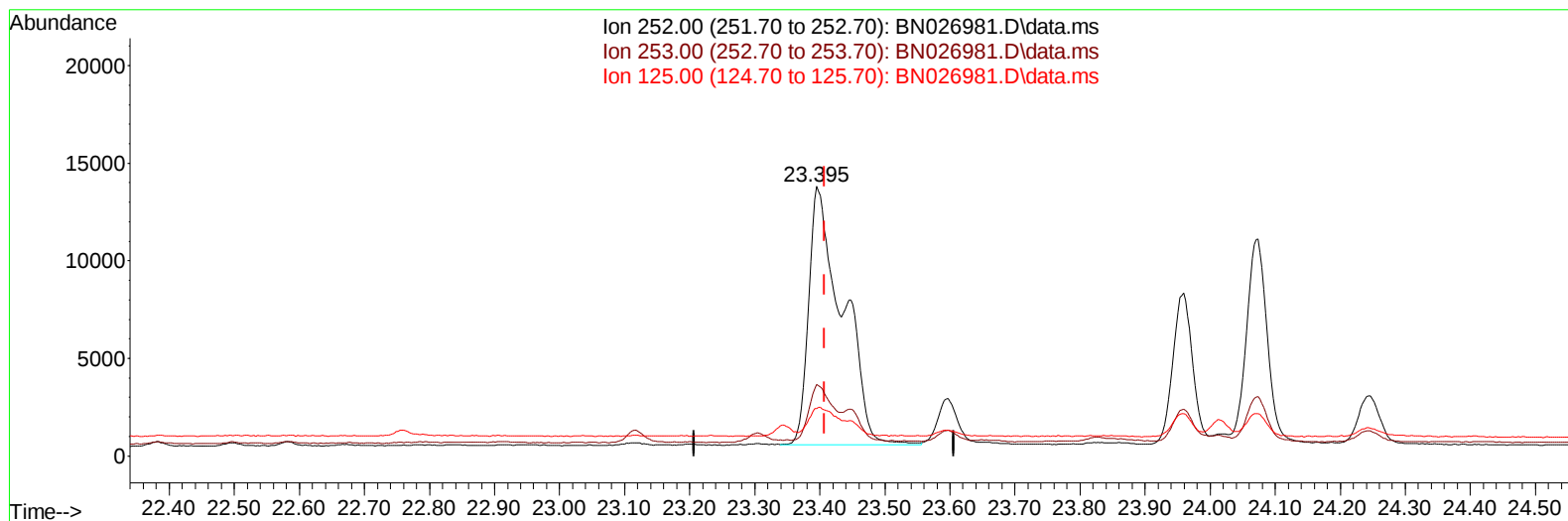
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 06:11:54 2023
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TIC: BN026981.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 0.55 ng/u1

response 47510

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	26.45
125.00	12.60	17.67
0.00	0.00	0.00

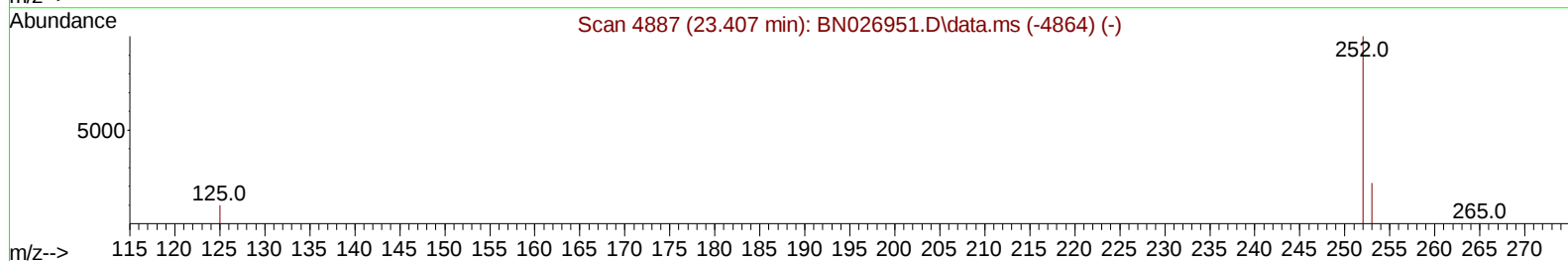
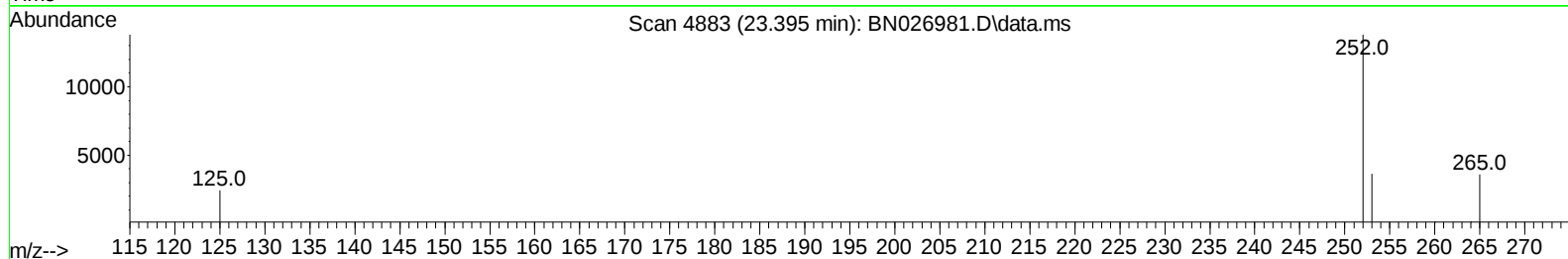
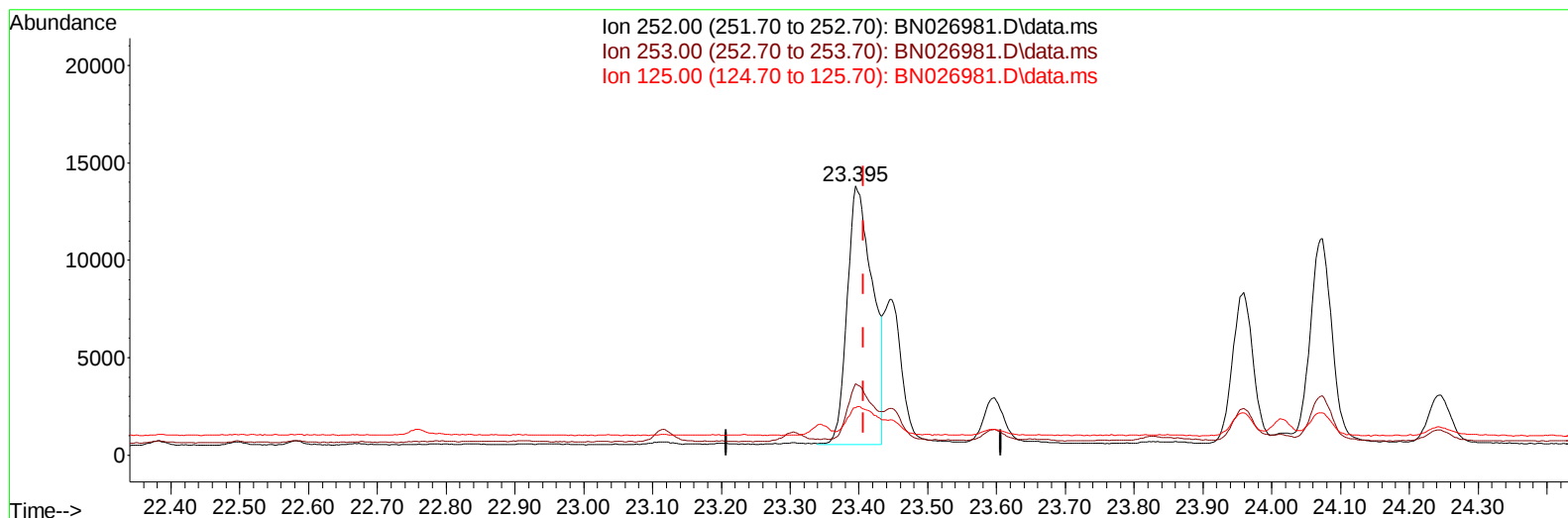
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 06:11:54 2023
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 QLast Update : Fri Aug 18 13:11:26 2023
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TIC: BN026981.D\data.ms

(24) Benzo(b)fluoranthene

23.395min (-0.012) 0.39 ng/ul m

response 34128

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	26.45
125.00	12.60	17.67
0.00	0.00	0.00

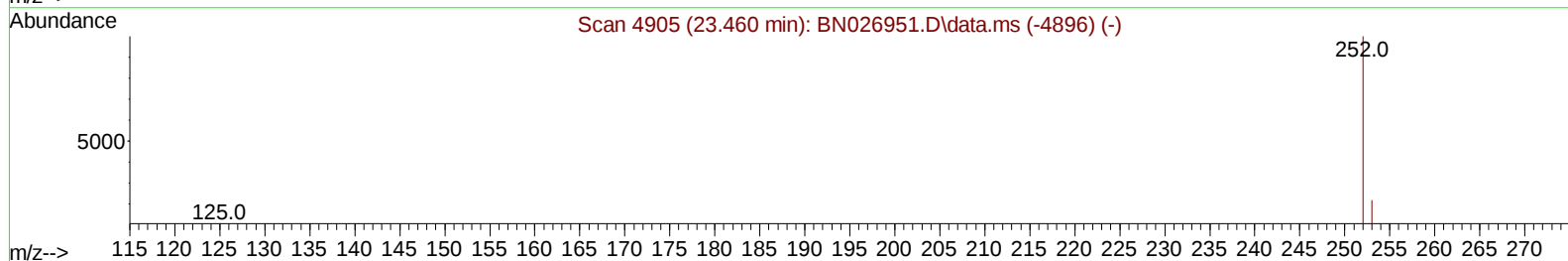
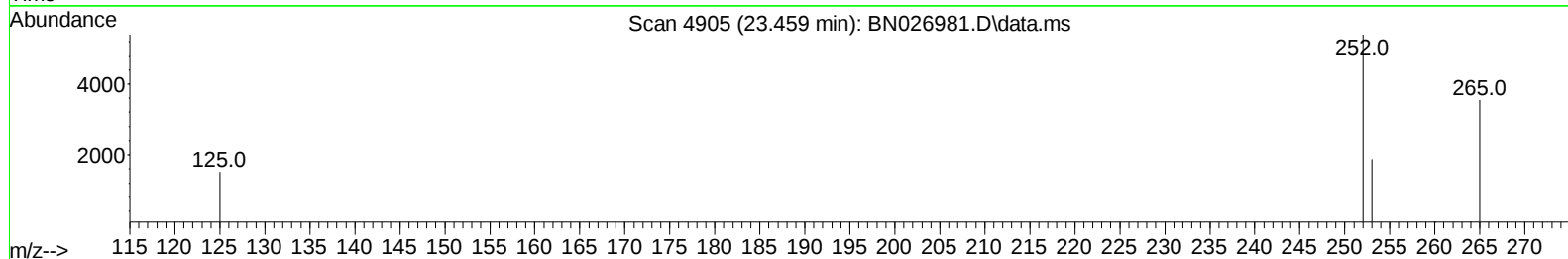
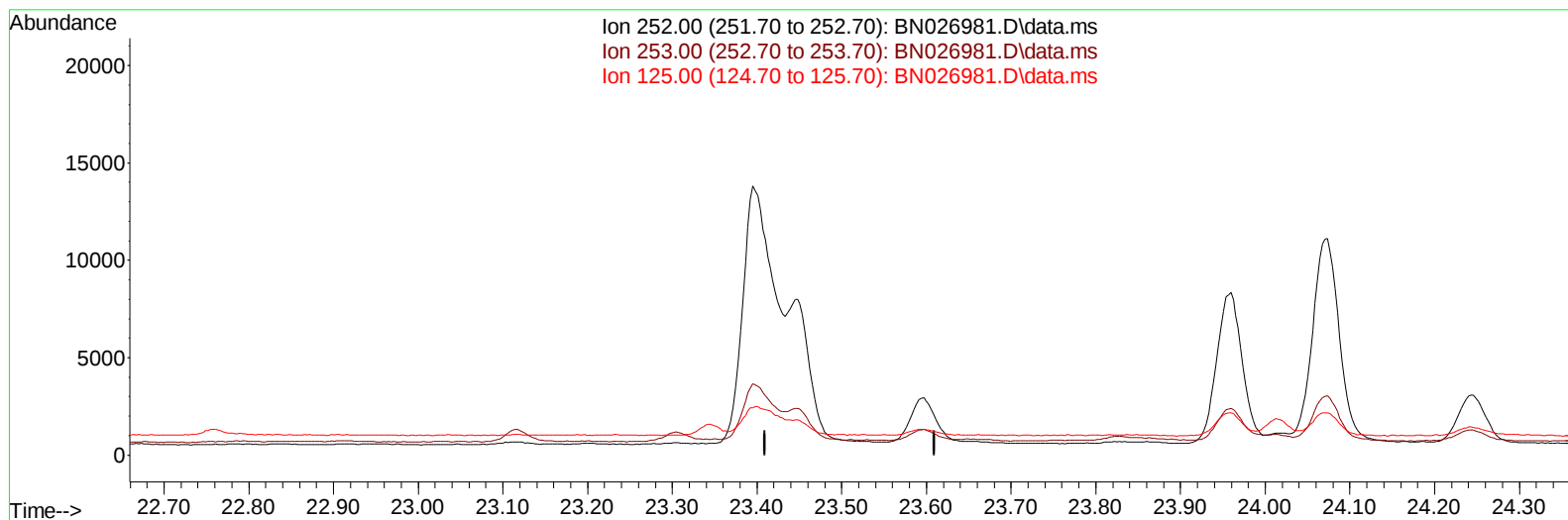
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 06:11:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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 QLast Update : Fri Aug 18 13:11:26 2023
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Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026981.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

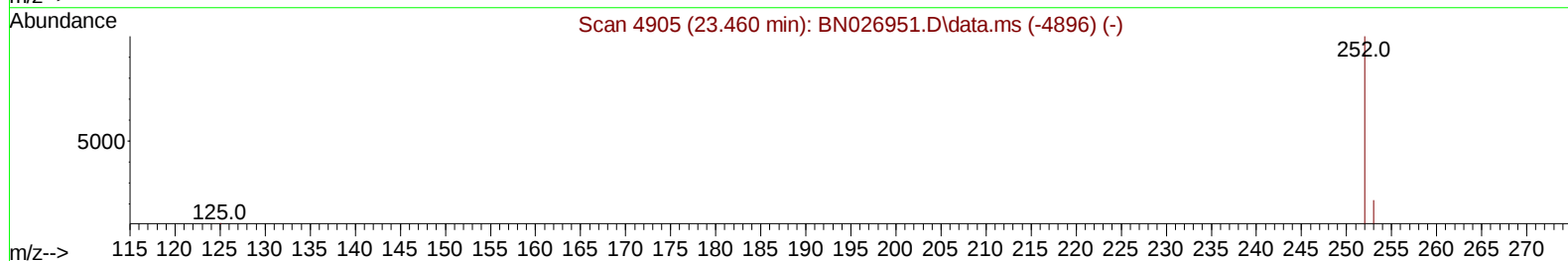
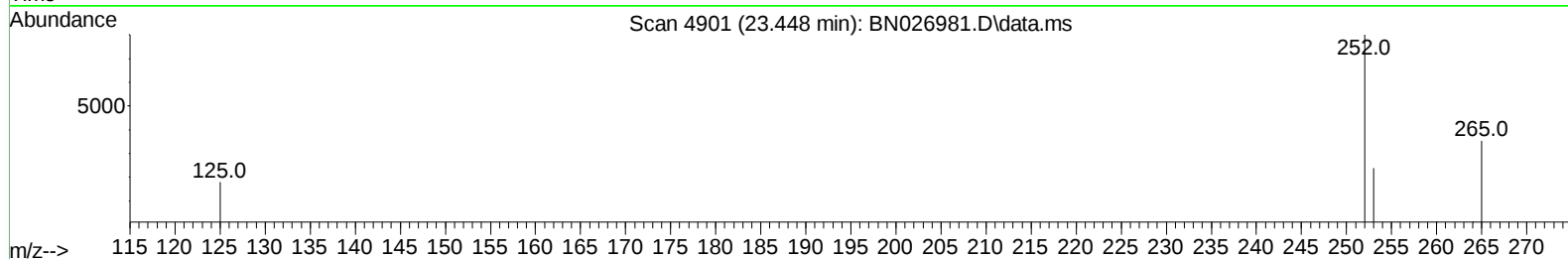
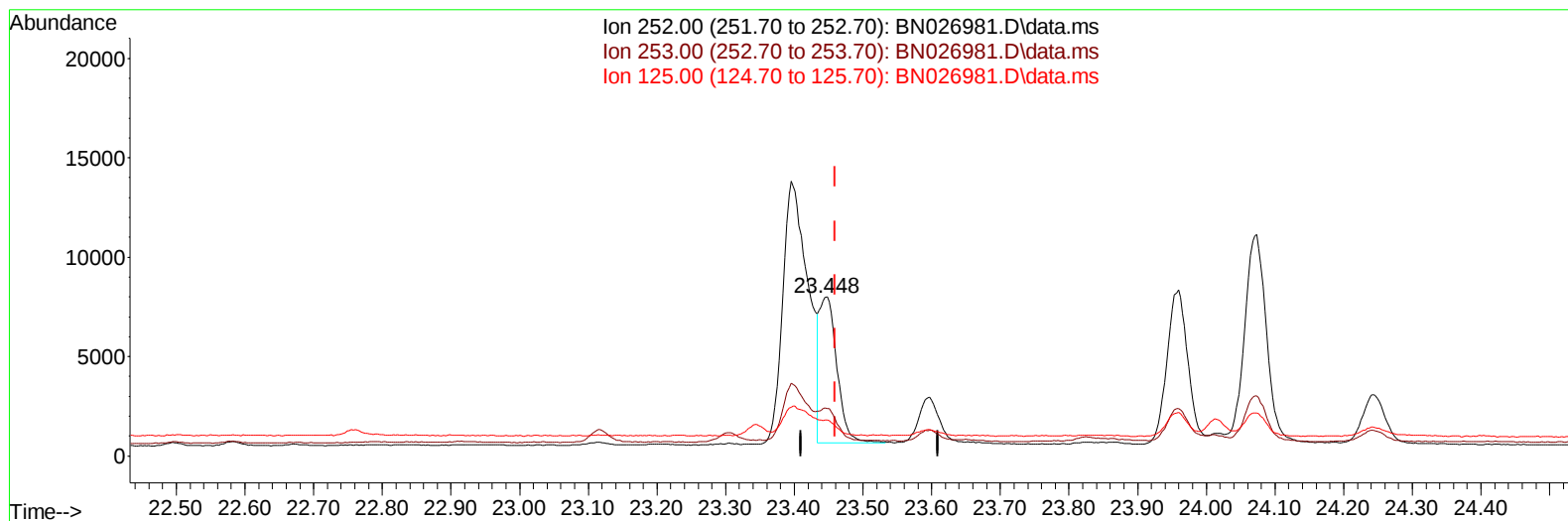
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual IntegrationsAPPROVED

Quant Time: Aug 19 06:11:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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 QLast Update : Fri Aug 18 13:11:26 2023
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Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



TIC: BN026981.D\data.ms

(25) Benzo(k)fluoranthene

23.448min (-0.012) 0.15 ng/u1 m

response 13156

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	29.80#
125.00	12.40	22.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 06:11:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	21883	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	31169	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	25608	0.400	ng/ul	0.00
23) Perylene-d12	24.187	264	22882	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5229	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1320	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3608	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	1493	0.024	ng/ul#	80
7) 2-Methylnaphthalene	12.572	142	827	0.022	ng/ul	98
10) Acenaphthylene	14.458	152	2910	0.037	ng/ul#	93
15) Phenanthrene	17.515	178	26581	0.260	ng/ul	99
16) Anthracene	17.608	178	7465	0.081	ng/ul	96
19) Fluoranthene	19.520	202	65910	0.620	ng/ul	100
20) Pyrene	19.882	202	58423m	0.515	ng/ul	
21) Benzo(a)anthracene	21.624	228	32193	0.316	ng/ul	98
22) Chrysene	21.685	228	26602	0.265	ng/ul	97
24) Benzo(b)fluoranthene	23.395	252	34128m	0.394	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	13156m	0.154	ng/ul	
26) Benzo(a)pyrene	24.073	252	23030	0.295	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.871	276	13258	0.130	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.898	278	3115	0.038	ng/ul#	48
29) Benzo(g,h,i)perylene	27.710	276	10983	0.129	ng/ul#	92

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

