

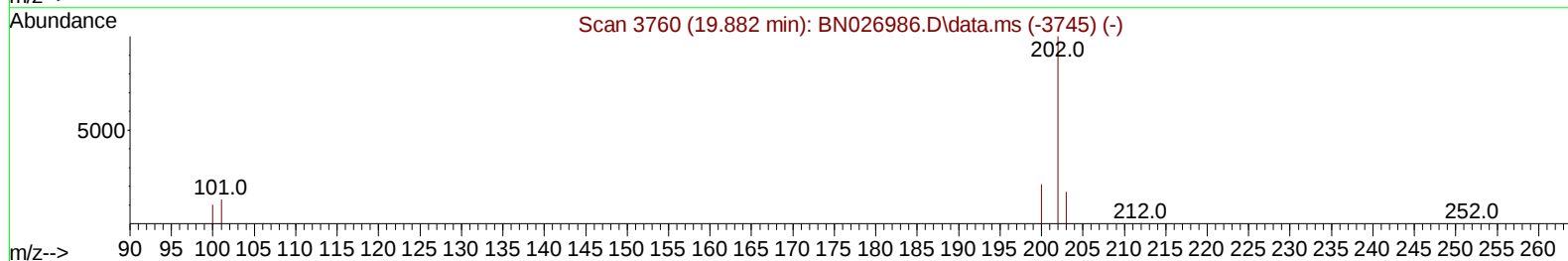
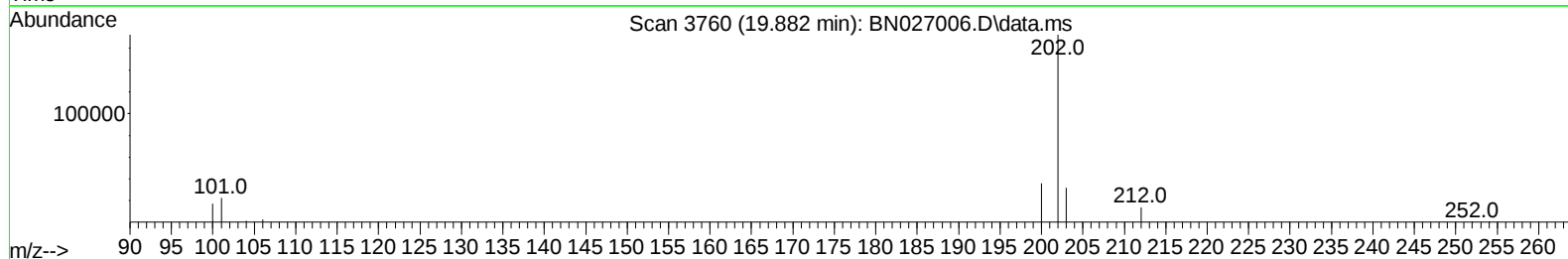
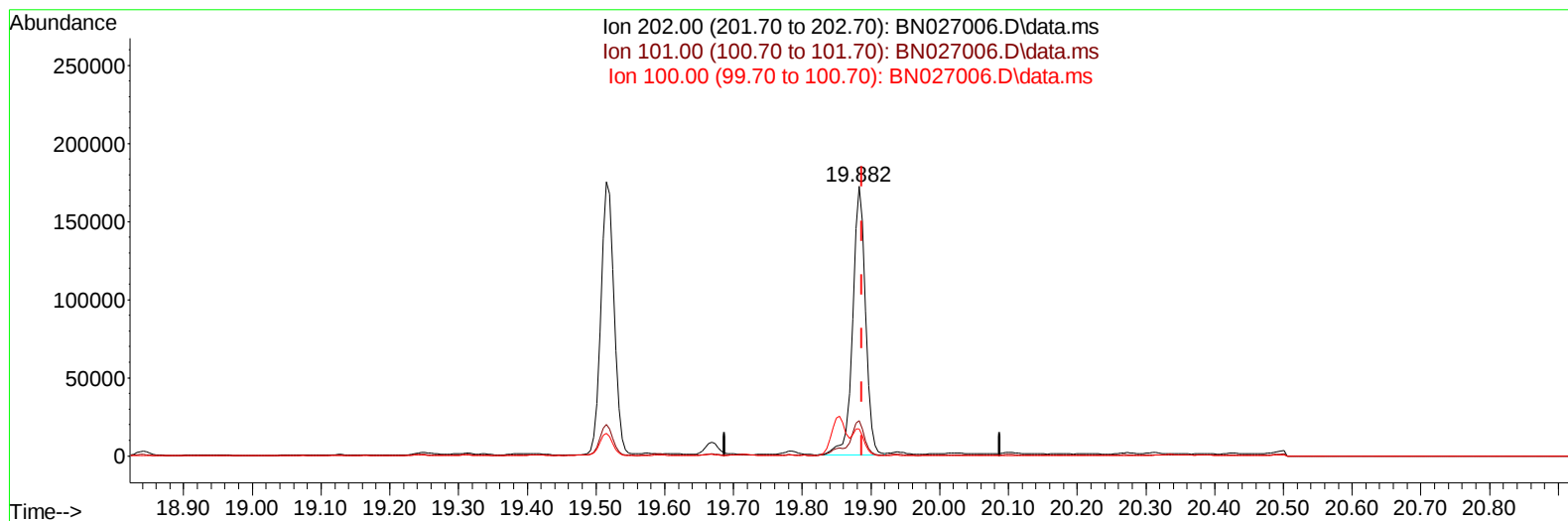
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027006.D
Acq On : 21 Aug 2023 23:59
Operator : MA/JU
Sample : 03967-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48M4

Manual IntegrationsAPPROVED

Quant Time: Aug 22 01:40:57 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: BN027006.D\data.ms

(20) Pyrene

19.882min (-0.005) 1.47 ng/u1

response 221324

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.05
100.00	10.60	10.14
0.00	0.00	0.00

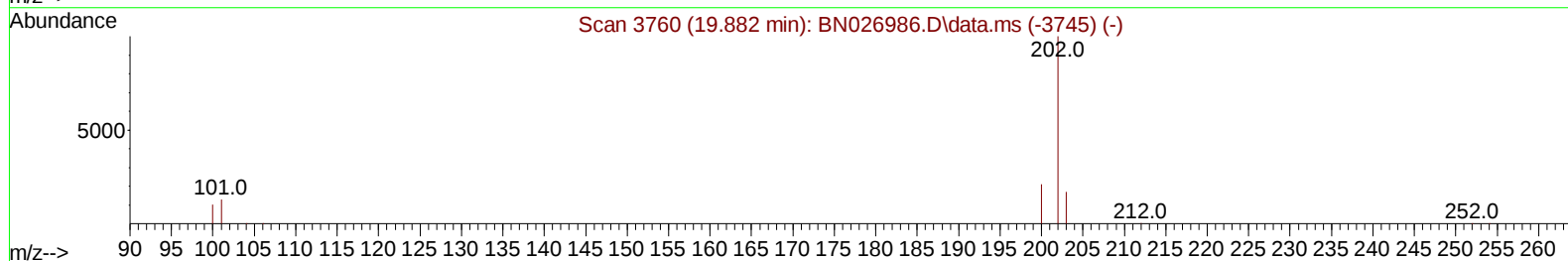
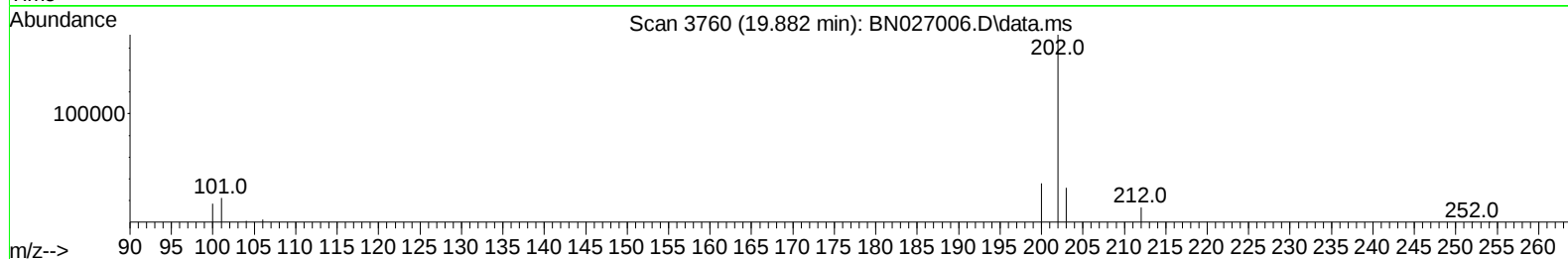
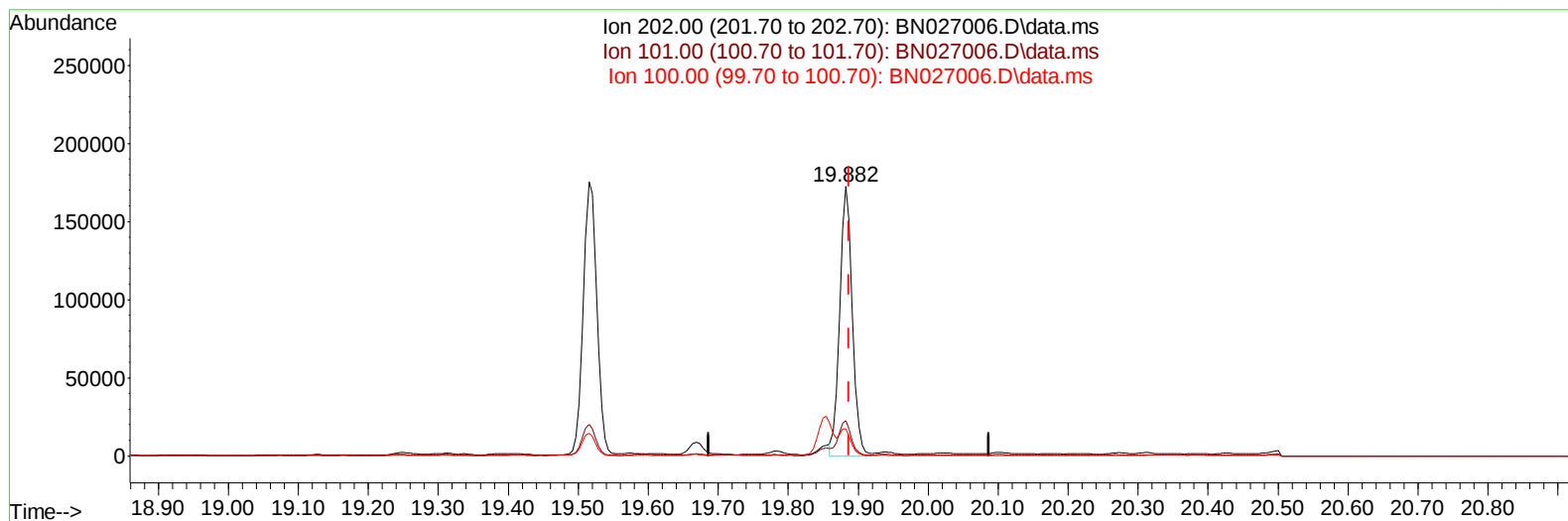
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Operator : MA/JU
Sample : 03967-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN027006.D\data.ms

(20) Pyrene

19.882min (-0.005) 1.44 ng/ul m

response 217296

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	13.05
100.00	10.60	10.14
0.00	0.00	0.00

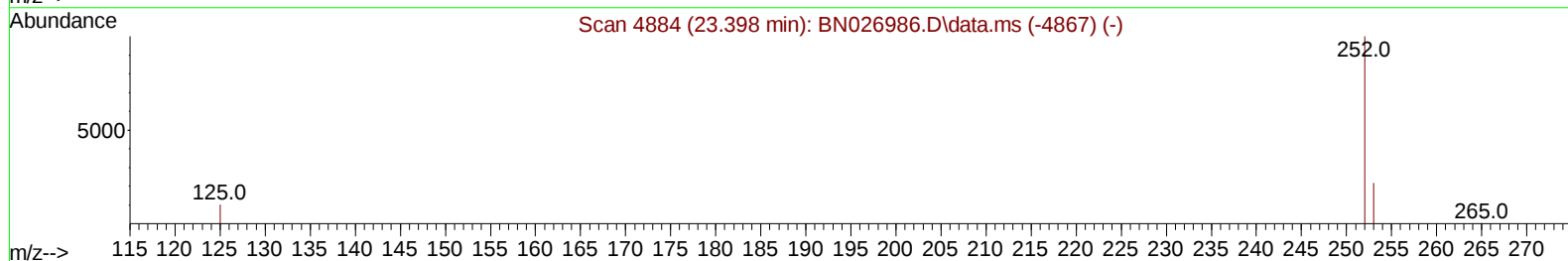
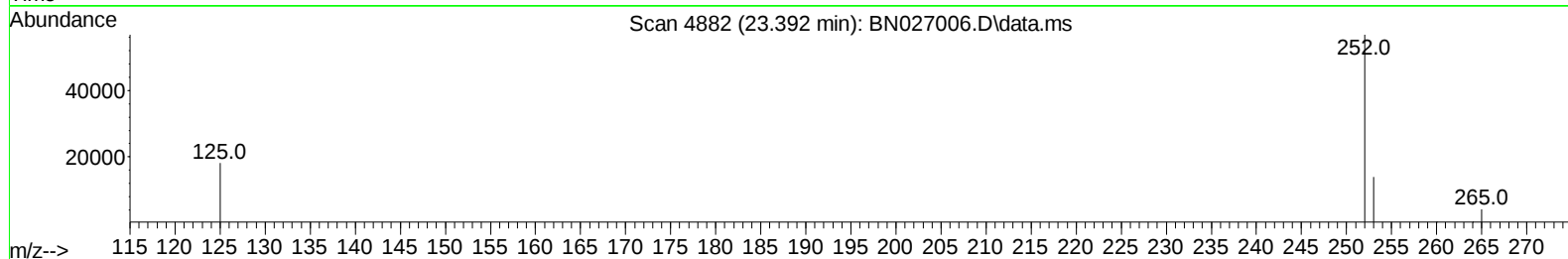
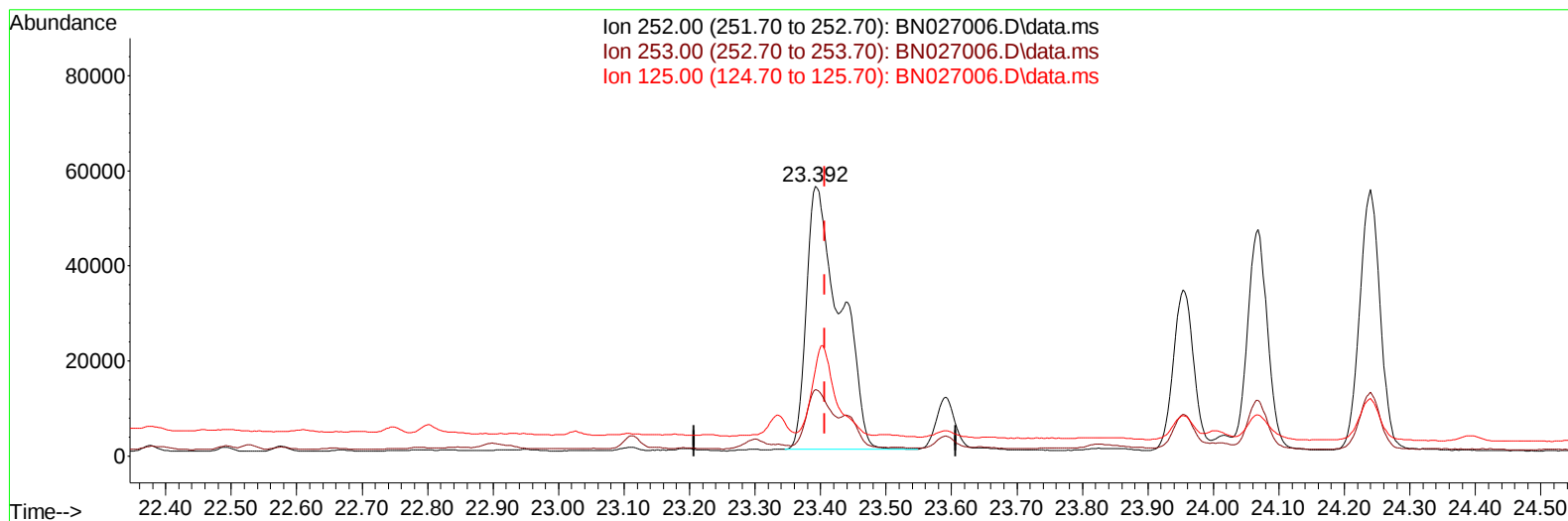
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 Acq On : 21 Aug 2023 23:59
 Operator : MA/JU
 Sample : 03967-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M4

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TIC: BN027006.D\data.ms

(24) Benzo(b)fluoranthene

23.392min (-0.015) 1.47 ng/u1

response 197578

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	24.71
125.00	12.60	31.88#
0.00	0.00	0.00

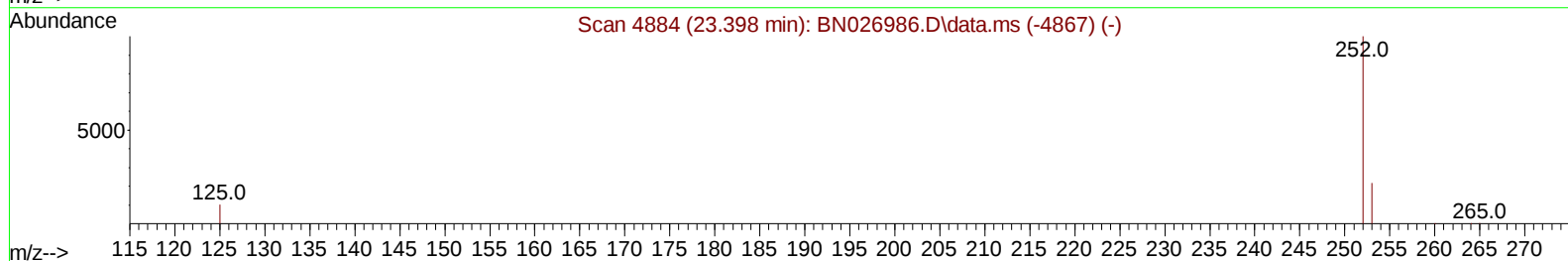
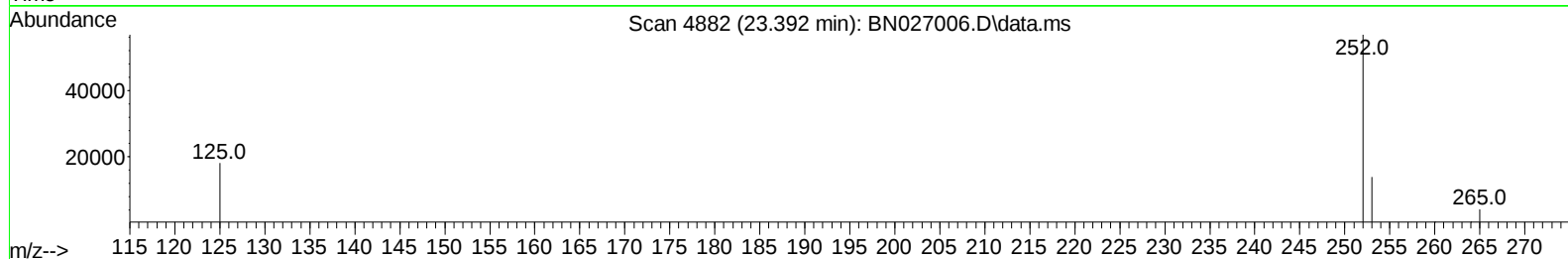
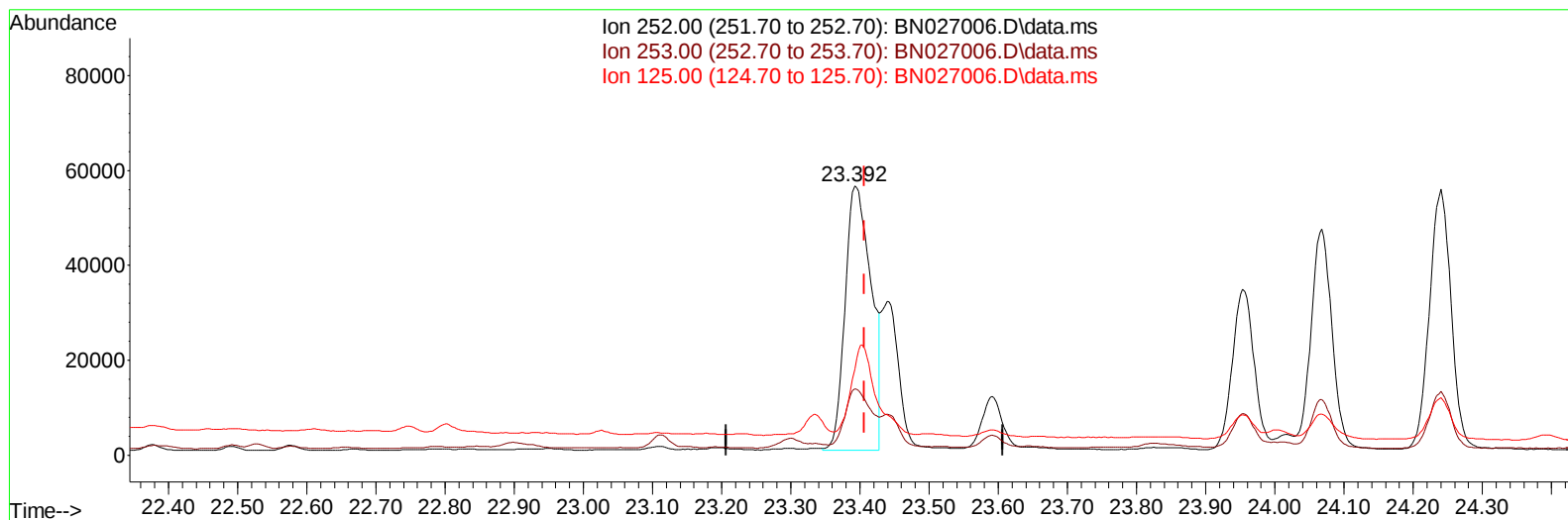
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Acq On : 21 Aug 2023 23:59
Operator : MA/JU
Sample : 03967-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN027006.D\data.ms

(24) Benzo(b)fluoranthene

23.392min (-0.015) 1.08 ng/u1 m

response 145382

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	24.71
125.00	12.60	31.88#
0.00	0.00	0.00

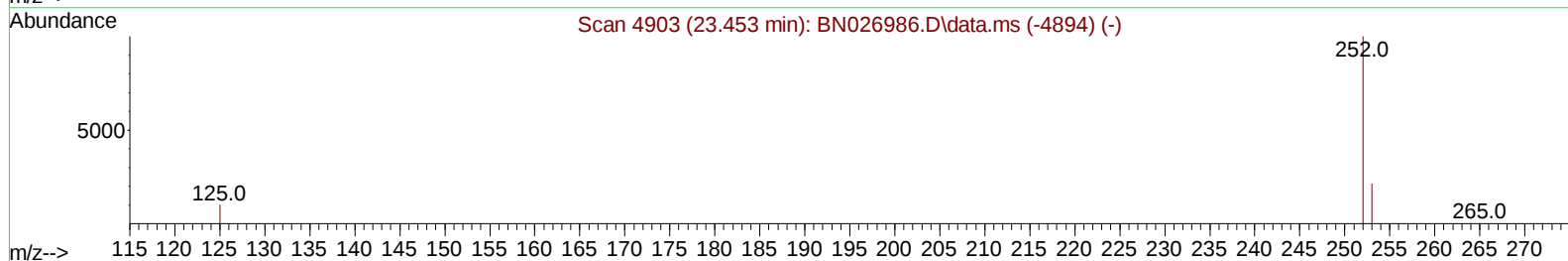
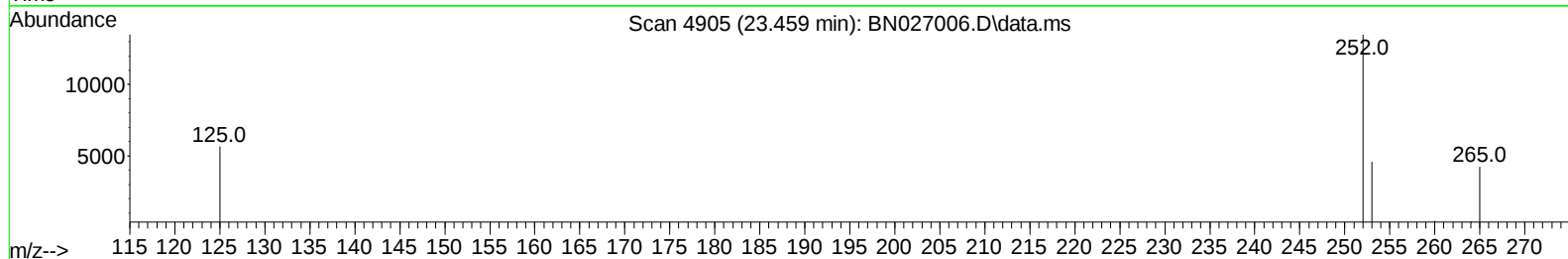
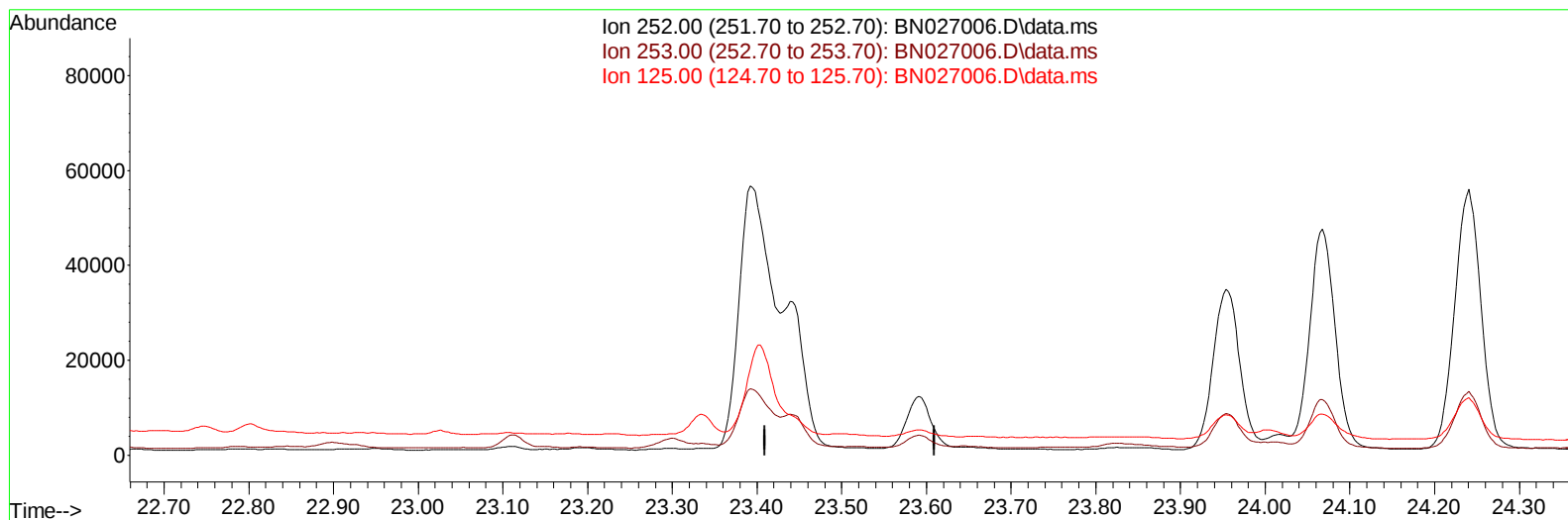
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 Operator : MA/JU
 Sample : 03967-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M4

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TIC: BN027006.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

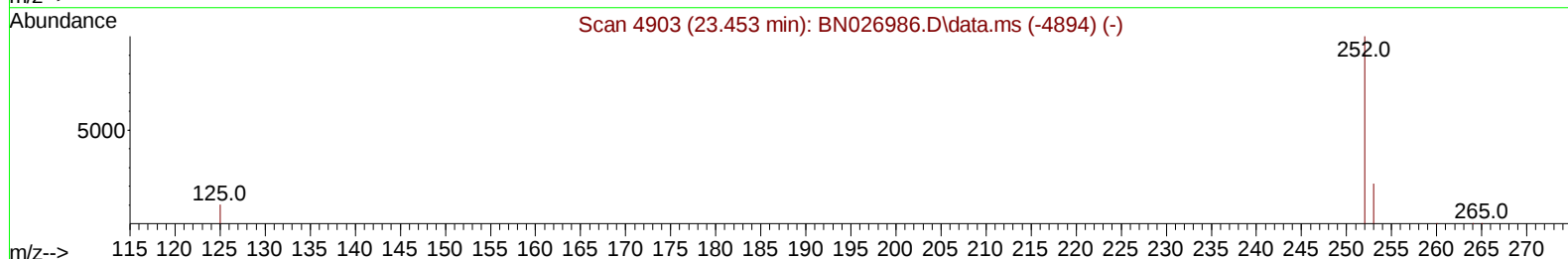
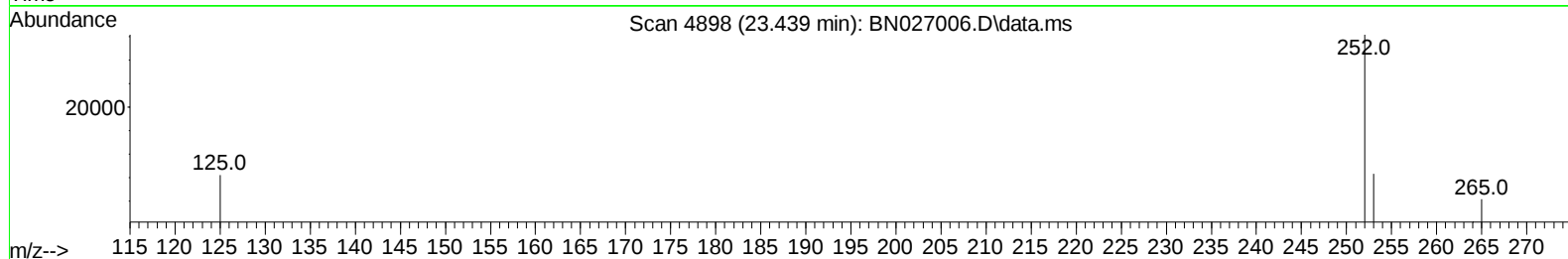
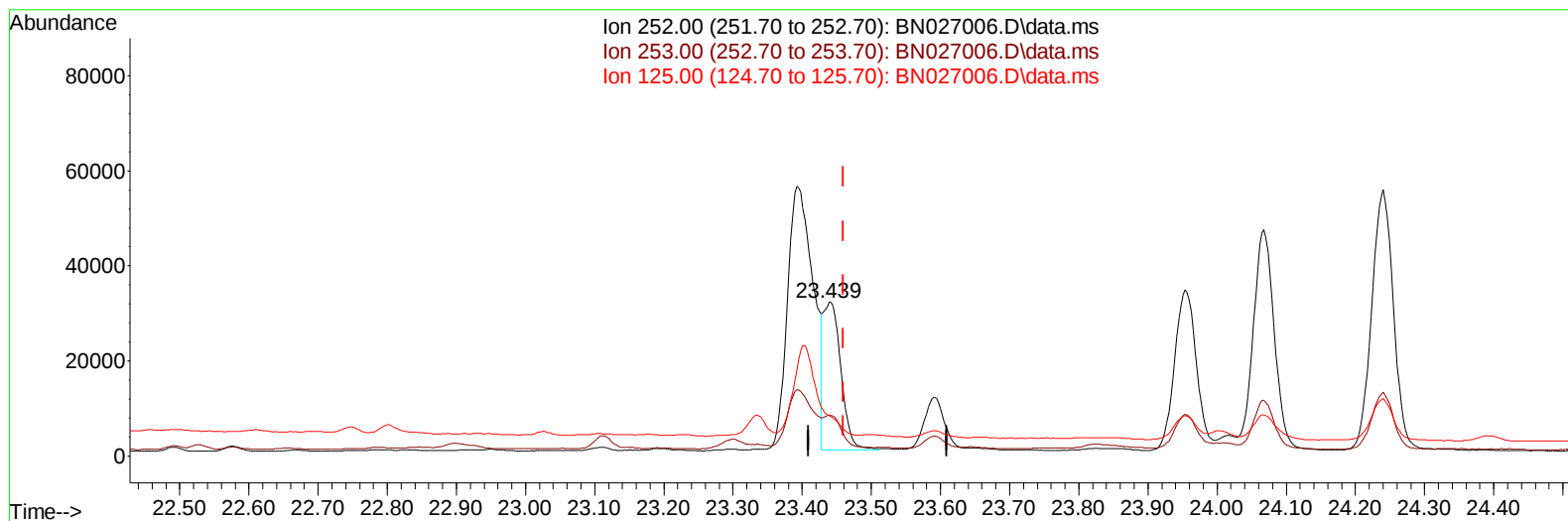
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 Acq On : 21 Aug 2023 23:59
 Operator : MA/JU
 Sample : 03967-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 08/22/2023



TIC: BN027006.D\data.ms

(25) Benzo(k)fluoranthene

23.439min (-0.021) 0.42 ng/u1 m

response 55086

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	26.76
125.00	12.40	26.16#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 03967-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
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 A48M4

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	8945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	29526	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	17282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	39635	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	33931	0.400	ng/ul	#-0.01
23) Perylene-d12	24.182	264	35572	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	39135	3.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8447	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	22700	0.212	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.977	128	12645	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.572	142	4884	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	3229	0.061	ng/ul	100
10) Acenaphthylene	14.458	152	15637	0.162	ng/ul	98
11) Acenaphthene	14.791	153	5544	0.083	ng/ul	99
12) Fluorene	15.772	166	8543	0.113	ng/ul	99
15) Phenanthrene	17.515	178	92463	0.710	ng/ul	100
16) Anthracene	17.608	178	20192	0.172	ng/ul	96
19) Fluoranthene	19.515	202	233530	1.657	ng/ul	98
20) Pyrene	19.882	202	217296m	1.445	ng/ul	
21) Benzo(a)anthracene	21.624	228	103454	0.767	ng/ul	95
22) Chrysene	21.679	228	120726	0.906	ng/ul#	95
24) Benzo(b)fluoranthene	23.392	252	145382m	1.081	ng/ul	
25) Benzo(k)fluoranthene	23.439	252	55086m	0.415	ng/ul	
26) Benzo(a)pyrene	24.068	252	97810	0.806	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.864	276	60642	0.382	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.888	278	14815	0.117	ng/ul#	67
29) Benzo(g,h,i)perylene	27.703	276	57854	0.437	ng/ul	97

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

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