

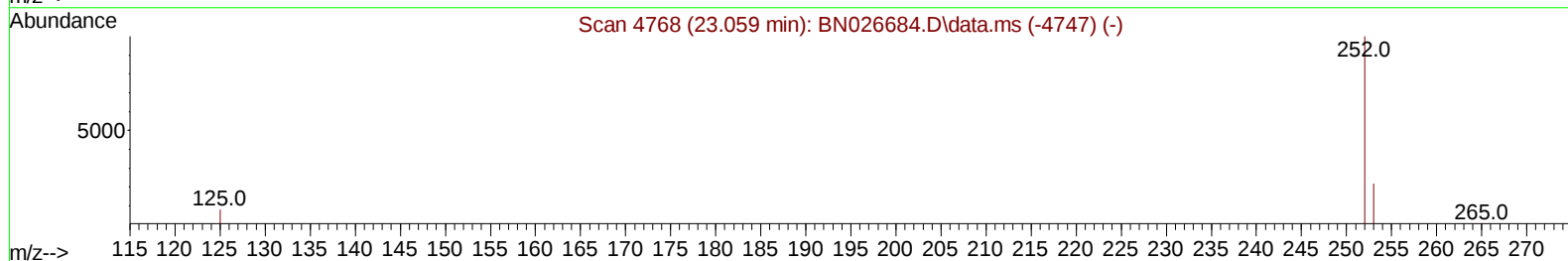
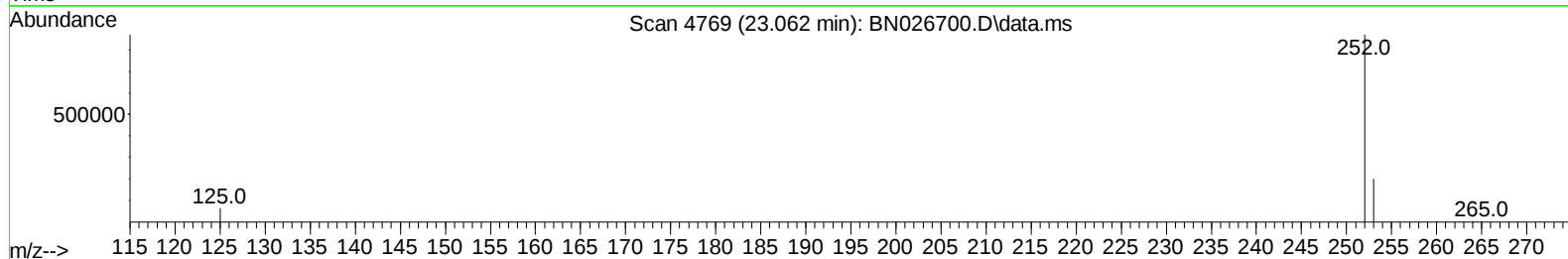
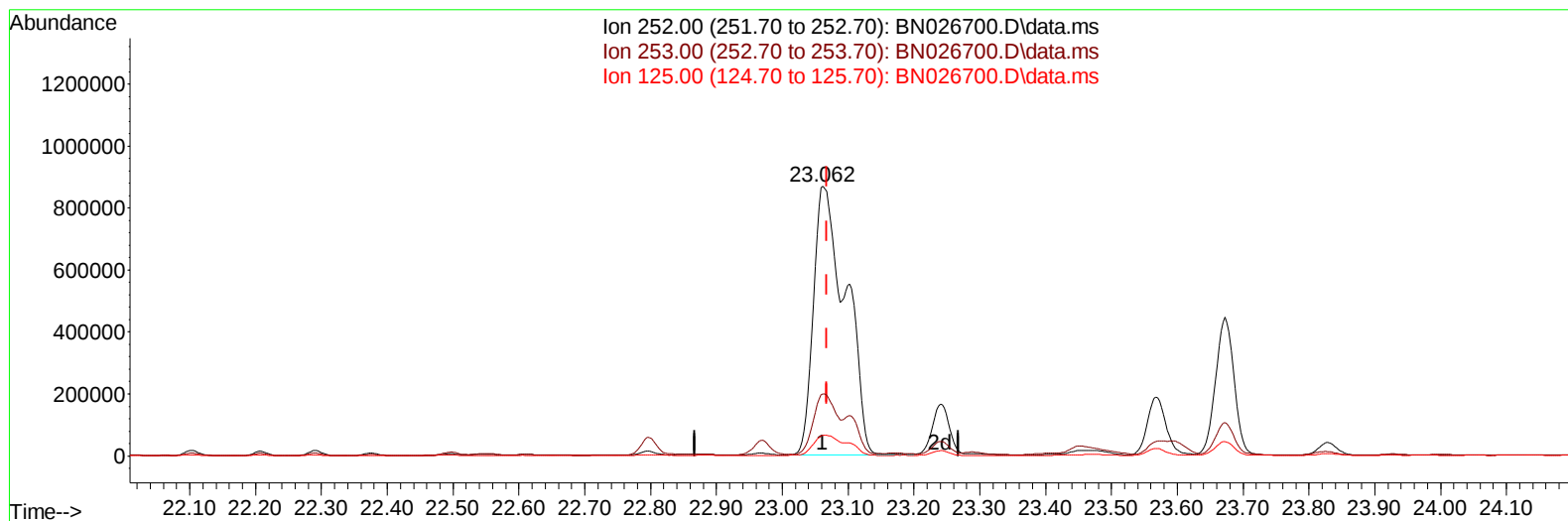
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026700.D
Acq On : 24 Jul 2023 06:27
Operator : MA/JU
Sample : 03504-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46W9

Manual IntegrationsAPPROVED

Quant Time: Jul 24 07:07:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



TIC: BN026700.D\data.ms

(24) Benzo(b)fluoranthene

23.062min (-0.006) 35.98 ng/u1

response 2957495

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.02
125.00	17.00	7.59
0.00	0.00	0.00

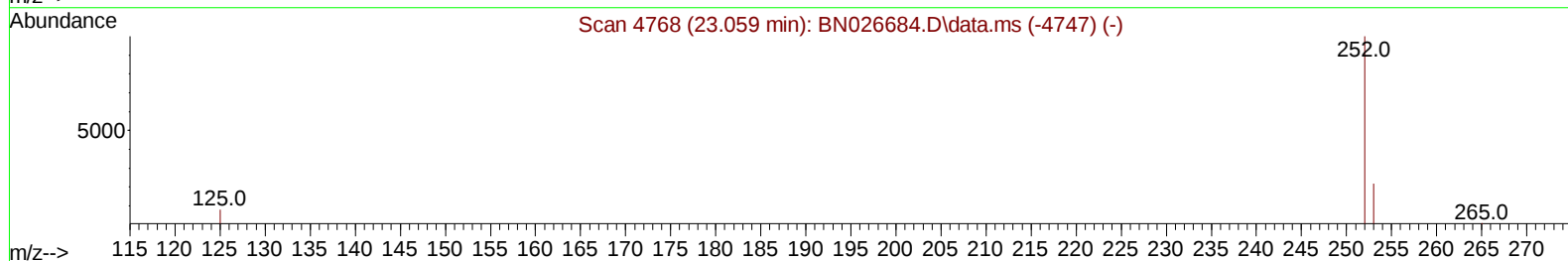
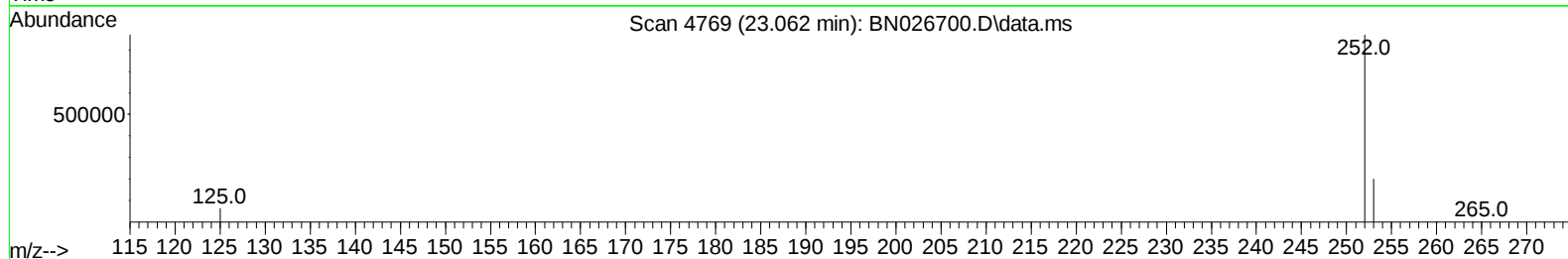
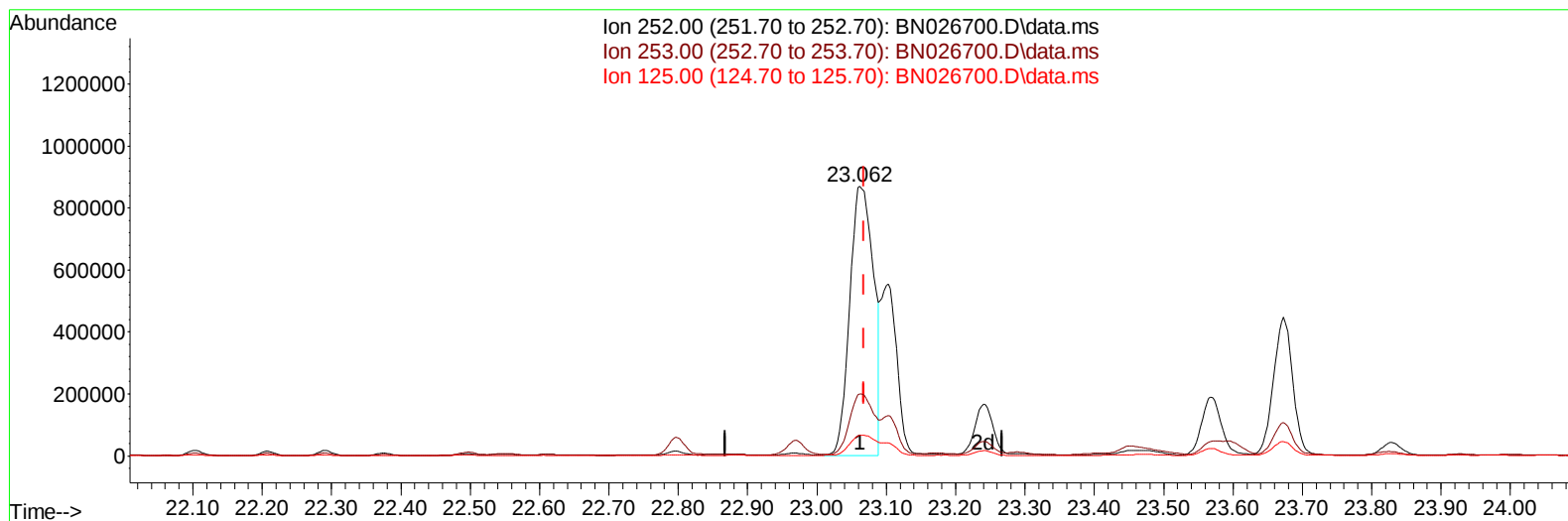
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 Data File : BN026700.D
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 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



TIC: BN026700.D\data.ms

(24) Benzo(b)fluoranthene

23.062min (-0.006) 24.97 ng/ul m

response 2052799

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.02
125.00	17.00	7.59
0.00	0.00	0.00

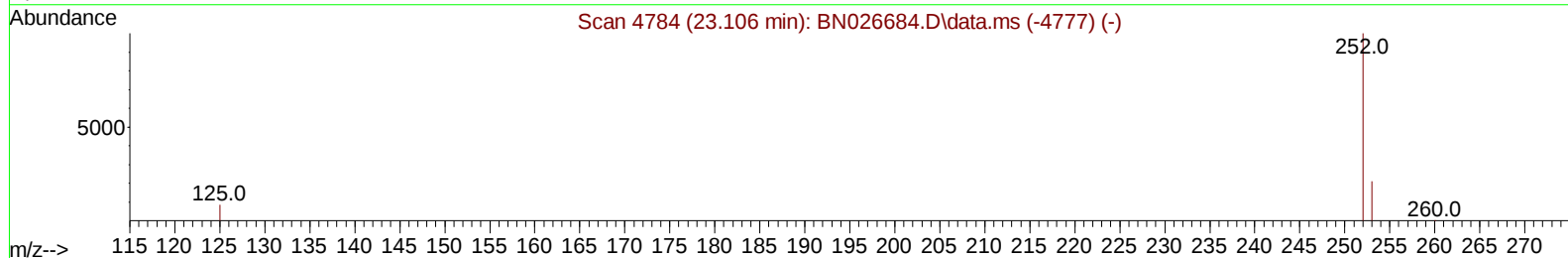
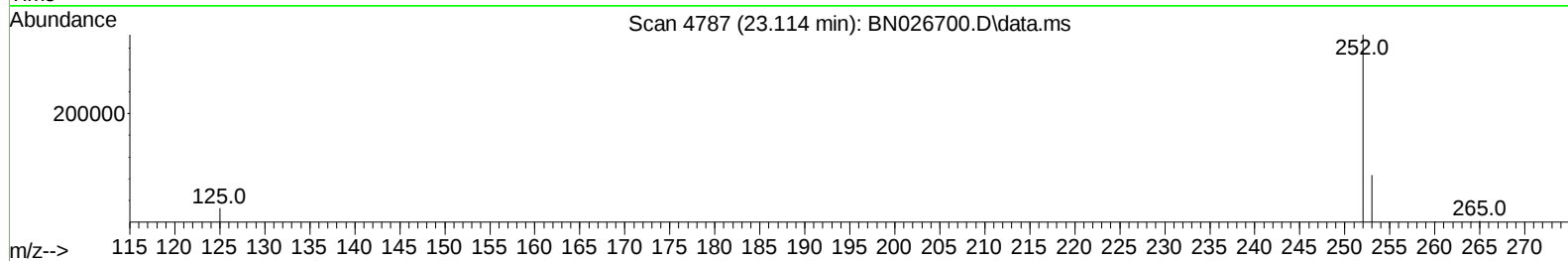
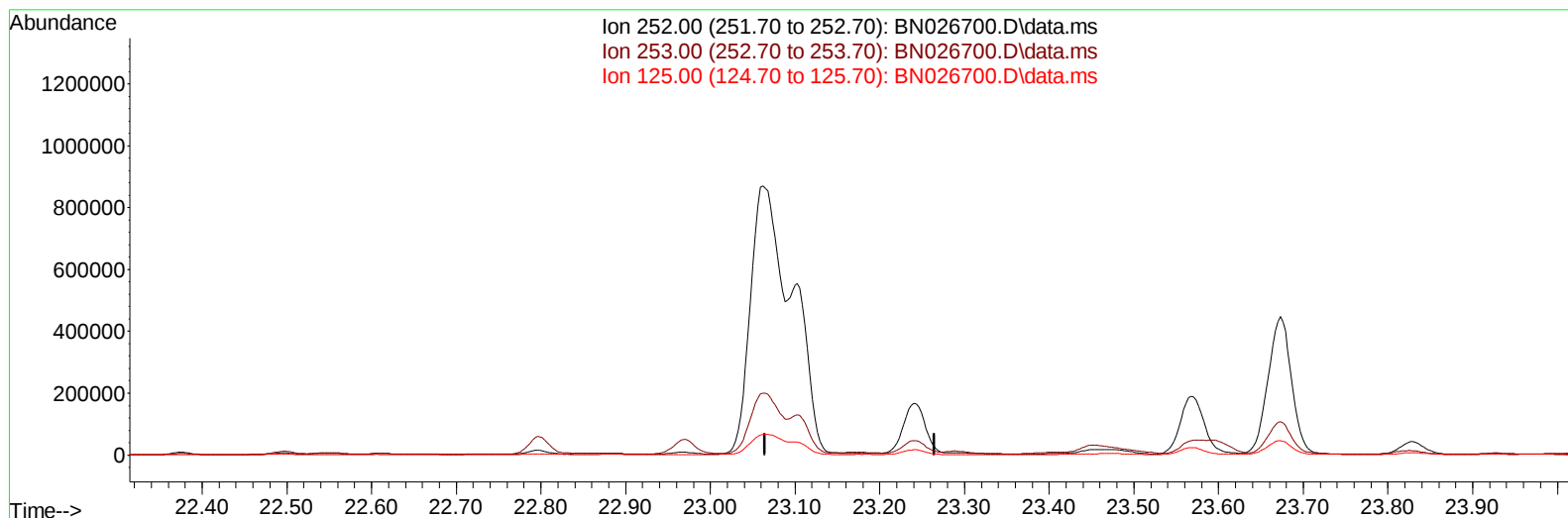
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026700.D
 Acq On : 24 Jul 2023 06:27
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN026700.D\data.ms

(25) Benzo(k)fluoranthene

23.115min (-23.115) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	34.00	0.00#
125.00	16.80	0.00#
0.00	0.00	0.00

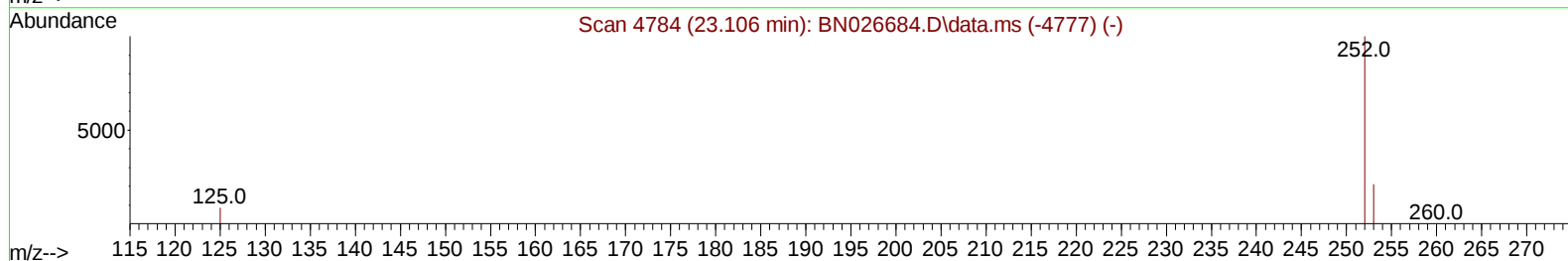
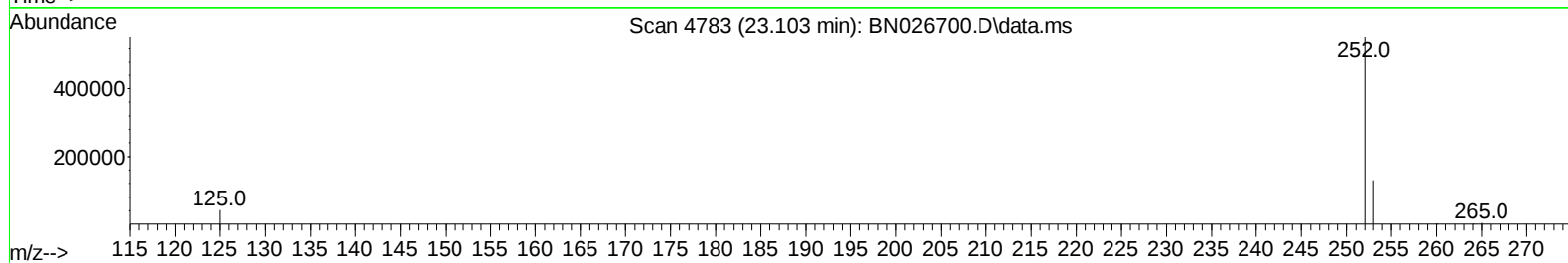
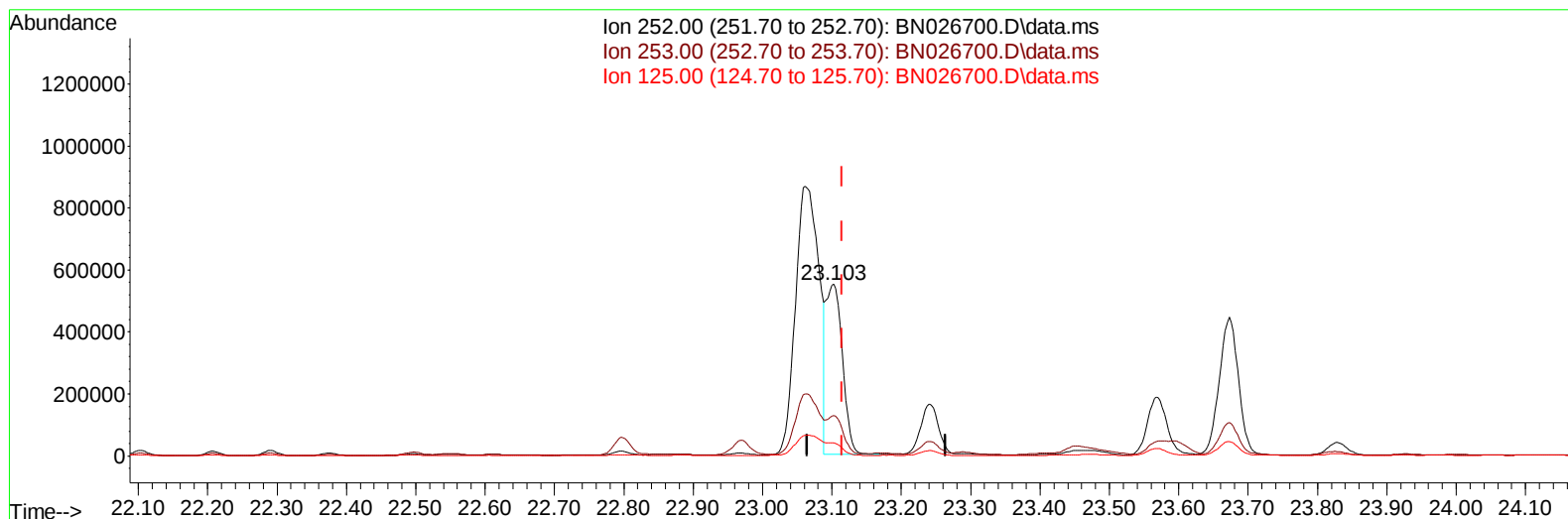
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026700.D
 Acq On : 24 Jul 2023 06:27
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 24 07:07:24 2023
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TIC: BN026700.D\data.ms

(25) Benzo(k)fluoranthene

23.103min (-0.012) 10.43 ng/ul m

response 898686

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.45#
125.00	16.80	7.58#
0.00	0.00	0.00

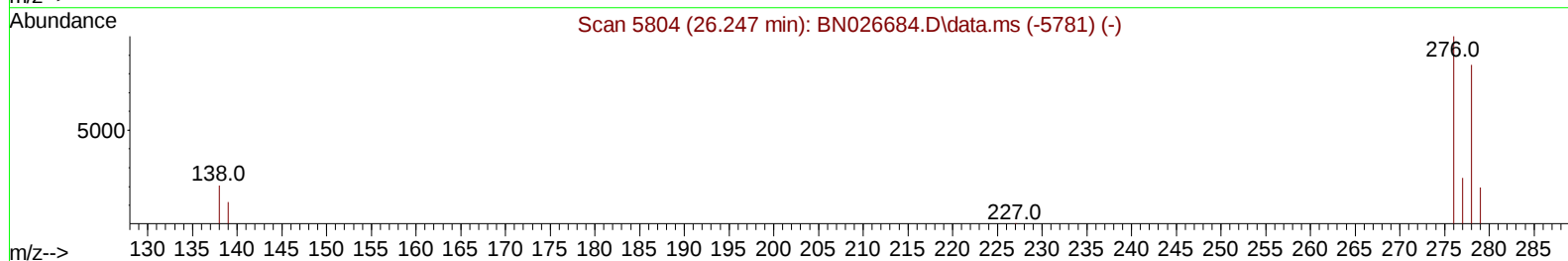
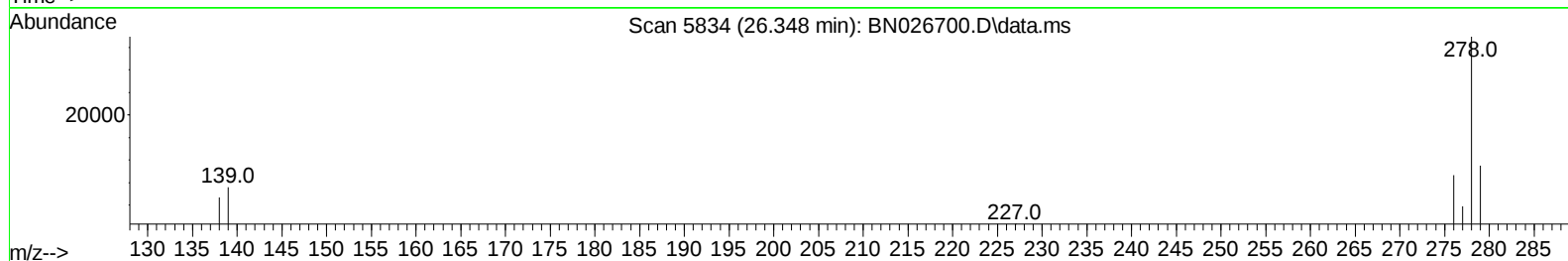
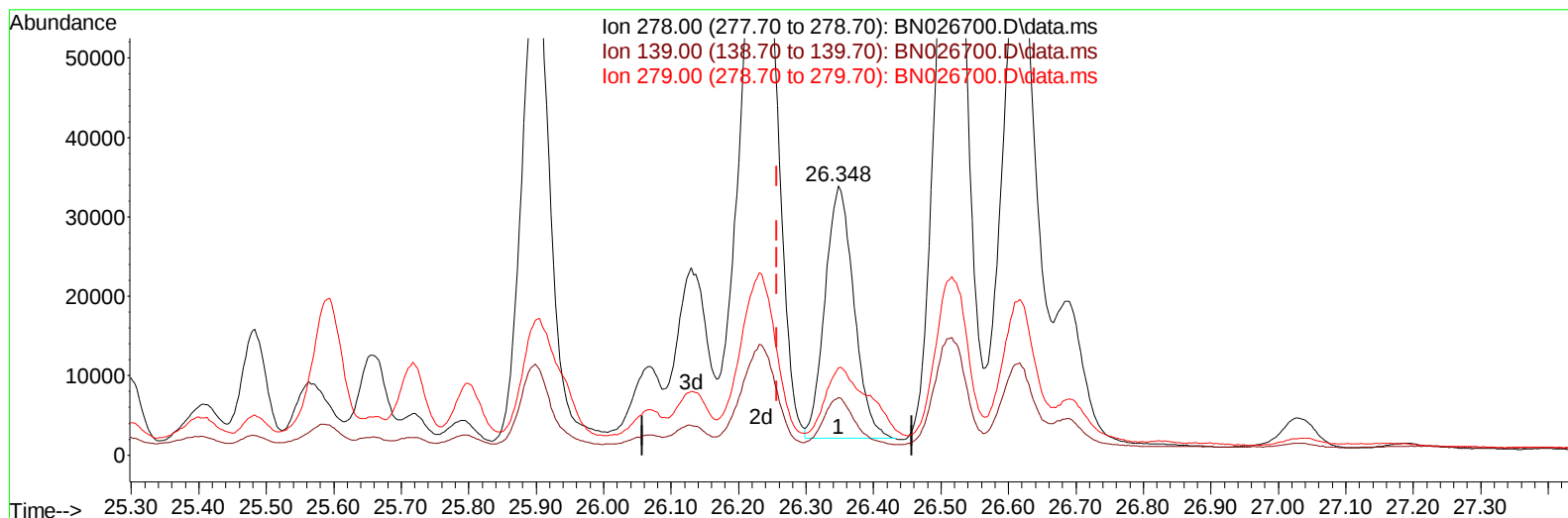
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 Data File : BN026700.D
 Acq On : 24 Jul 2023 06:27
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W9

Manual IntegrationsAPPROVED

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TIC: BN026700.D\data.ms

(28) Dibenzo(a,h)anthracene

26.348min (+ 0.090) 1.28 ng/u1

response 94357

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	21.25
279.00	39.10	32.53
0.00	0.00	0.00

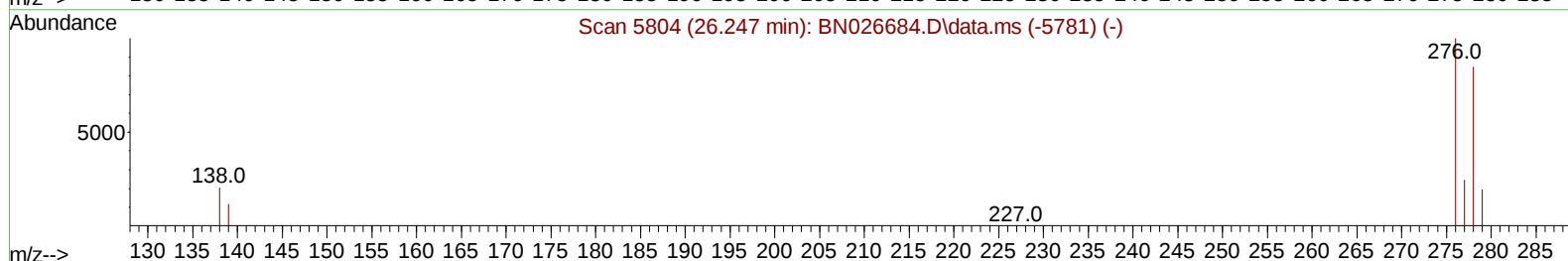
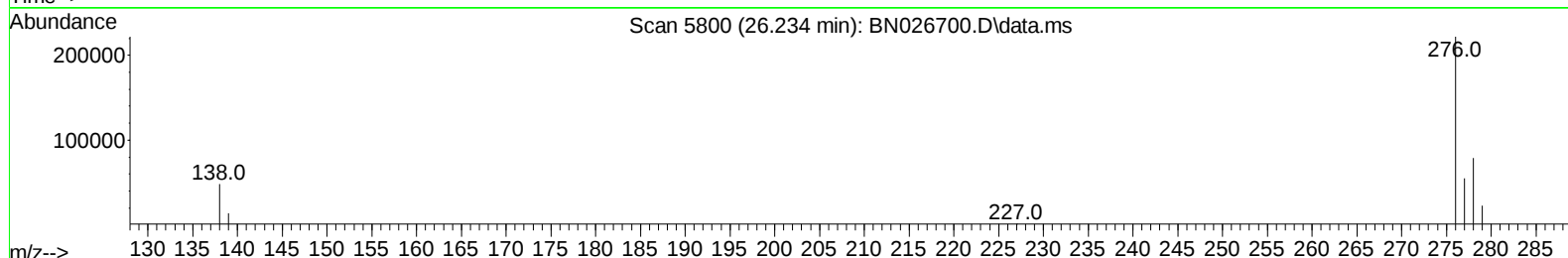
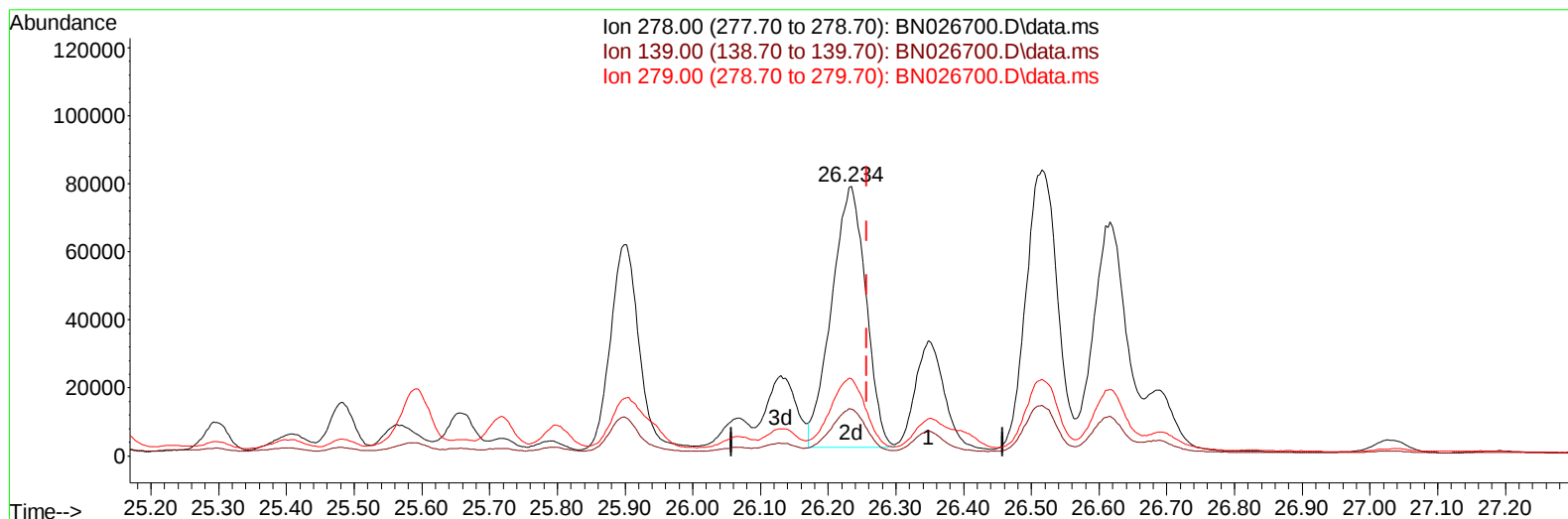
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026700.D
 Acq On : 24 Jul 2023 06:27
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W9

Manual IntegrationsAPPROVED

Quant Time: Jul 24 07:07:24 2023
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Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



TIC: BN026700.D\data.ms

(28) Dibenzo(a,h)anthracene

26.234min (-0.024) 3.67 ng/ul m

response 270187

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	17.47#
279.00	39.10	28.77#
0.00	0.00	0.00

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 Data File : BN026700.D
 Acq On : 24 Jul 2023 06:27
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	5487	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.619	136	20534	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	13529	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	25464	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	15189	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	21101	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	5013	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.209	152	5549	0.199	ng/ul	-0.01
18) Fluoranthene-d10	19.246	212	11175	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.669	128	620133	10.998	ng/ul	96
7) 2-Methylnaphthalene	12.286	142	273701	8.555	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	182756	5.333	ng/ul	100
10) Acenaphthylene	14.185	152	19491	0.294	ng/ul#	72
11) Acenaphthene	14.527	153	943286	18.689	ng/ul	97
12) Fluorene	15.512	166	1132659	21.391	ng/ul	98
15) Phenanthrene	17.266	178	9492494	117.050	ng/ul	99
16) Anthracene	17.350	178	2564250	36.436	ng/ul	95
19) Fluoranthene	19.283	202	7140036	100.286	ng/ul#	95
20) Pyrene	19.645	202	4363145	56.430	ng/ul	96
21) Benzo(a)anthracene	21.393	228	2312248	41.425	ng/ul	99
22) Chrysene	21.446	228	2020749	31.805	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	2052799m	24.971	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	898686m	10.430	ng/ul	
26) Benzo(a)pyrene	23.673	252	856278	11.702	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.231	276	668283	6.967	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.234	278	270187m	3.671	ng/ul	
29) Benzo(g,h,i)perylene	26.985	276	42297	0.500	ng/ul#	92

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

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Operator : MA/JU
Sample : 03504-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46W9

Manual IntegrationsAPPROVED

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