

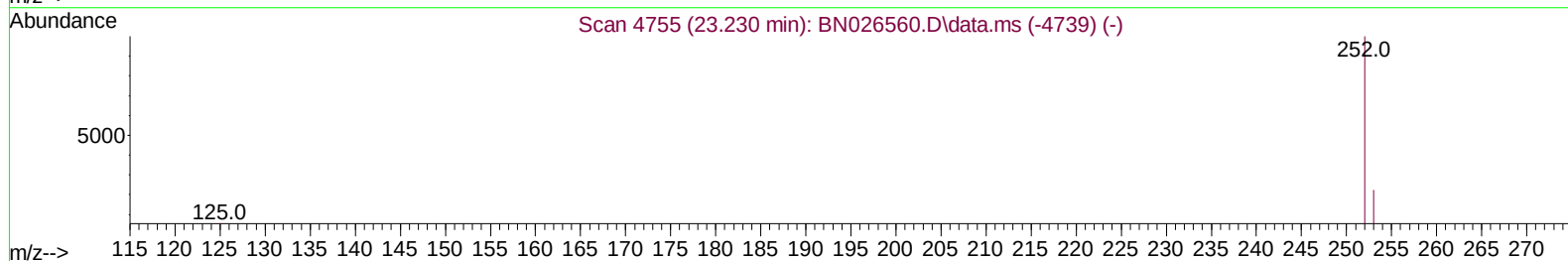
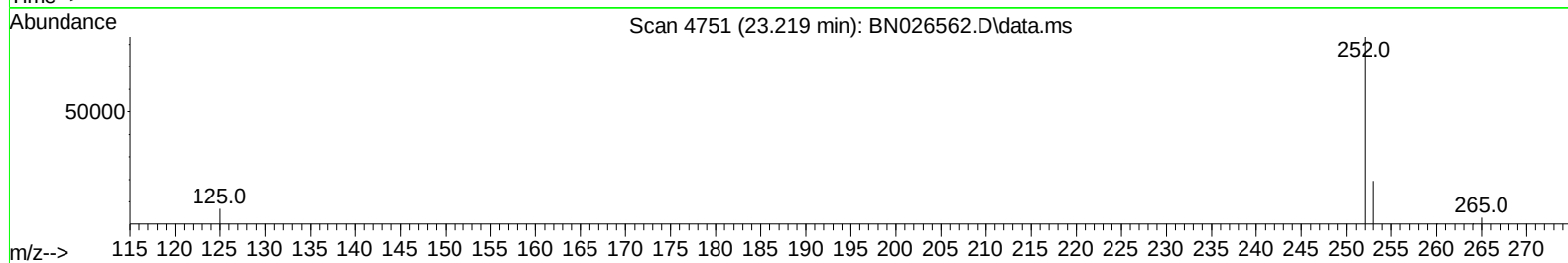
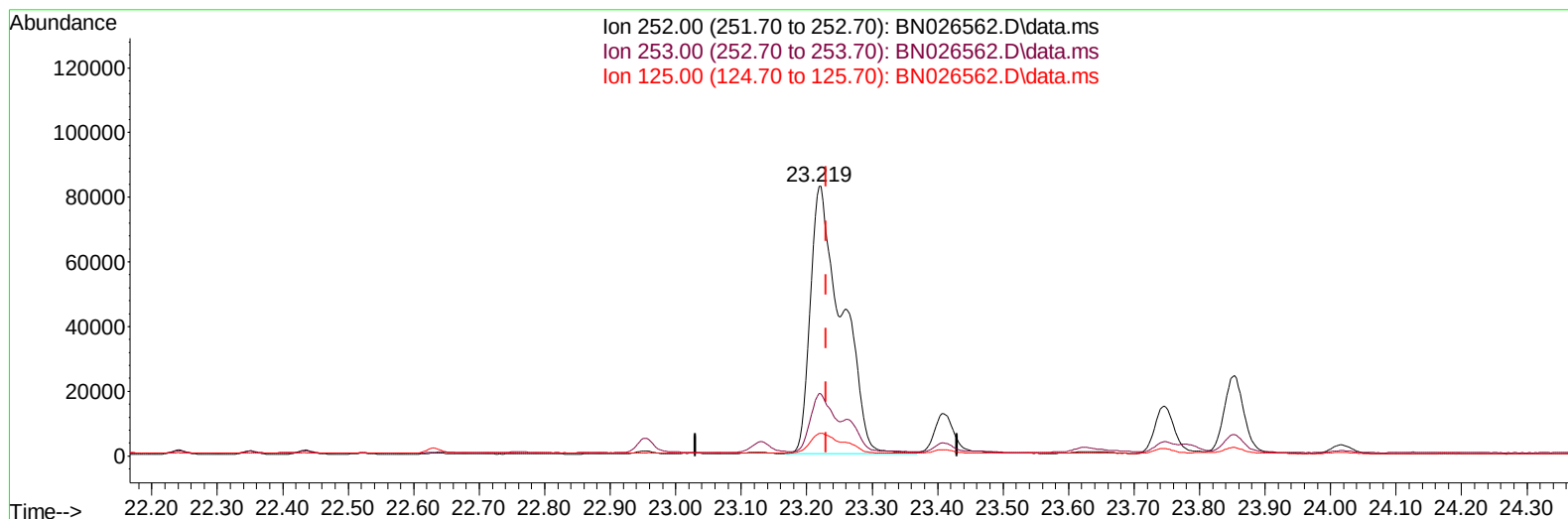
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026562.D
Acq On : 18 Jul 2023 13:39
Operator : MA/JU
Sample : 03458-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46L3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 00:16:29 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 : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



TIC: BN026562.D\data.ms

(24) Benzo(b)fluoranthene

23.219min (-0.011) 5.83 ng/u1

response 276314

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.17
125.00	17.00	8.45
0.00	0.00	0.00

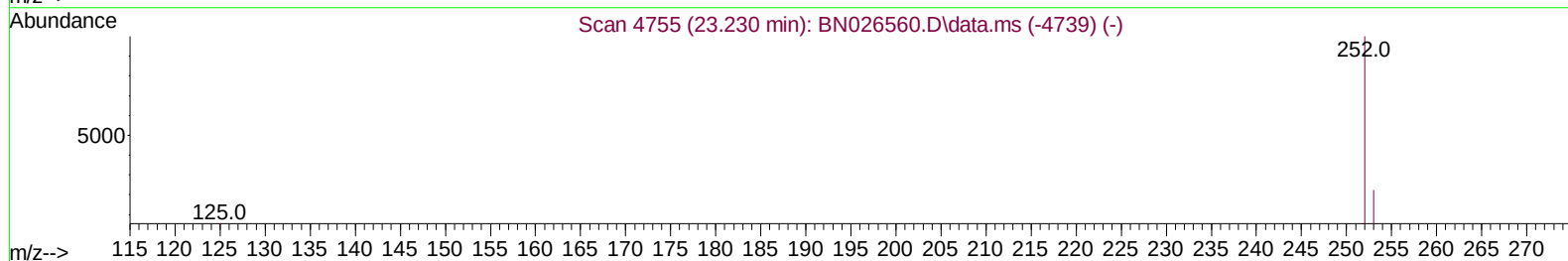
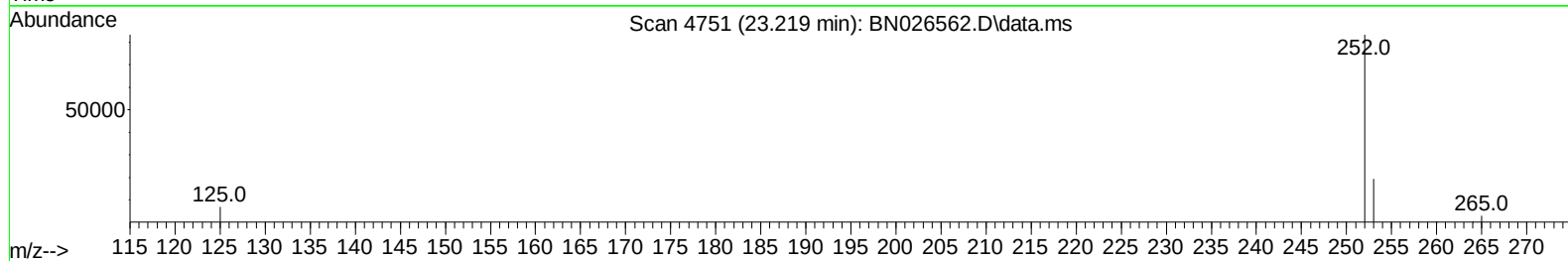
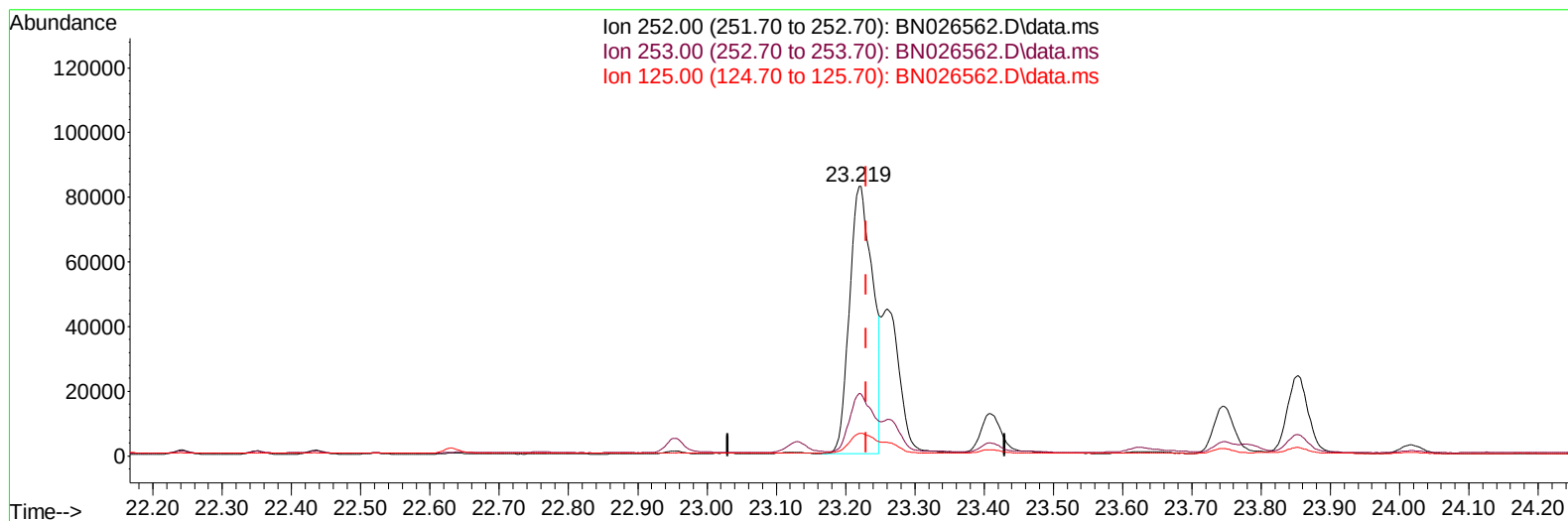
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Instrument :
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 Supervised By :mohammad ahmed 07/19/2023



TIC: BN026562.D\data.ms

(24) Benzo(b)fluoranthene

23.219min (-0.011) 4.05 ng/ul m

response 192025

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.17
125.00	17.00	8.45
0.00	0.00	0.00

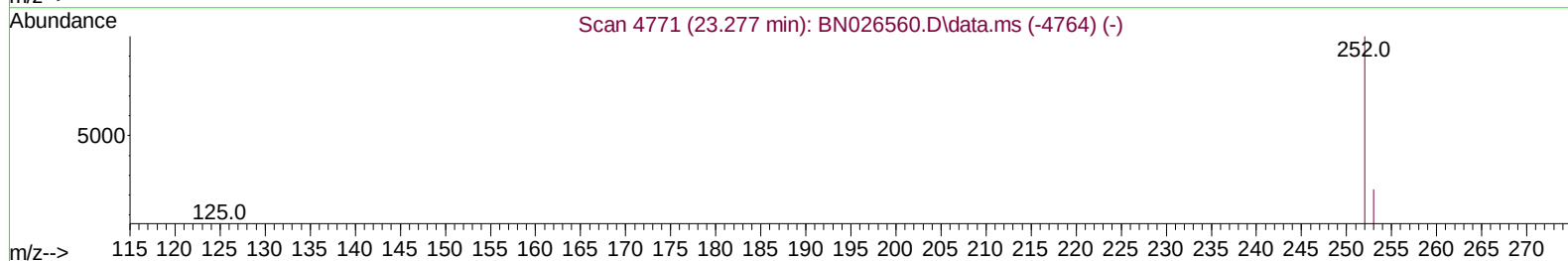
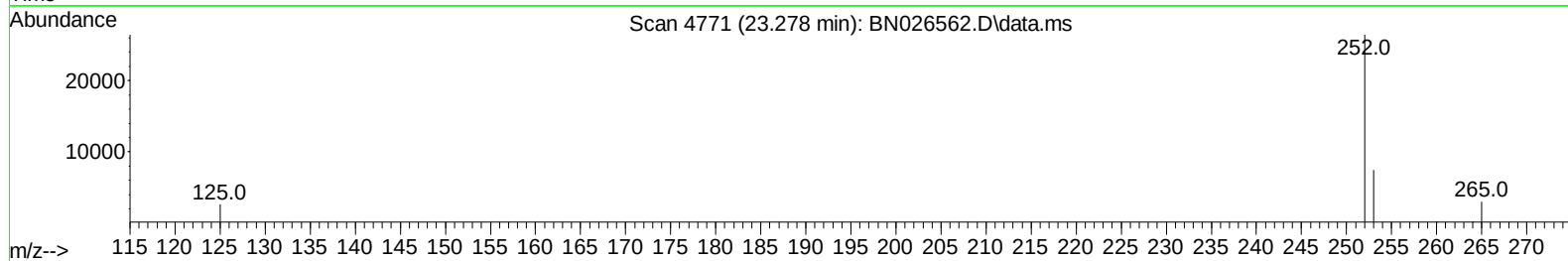
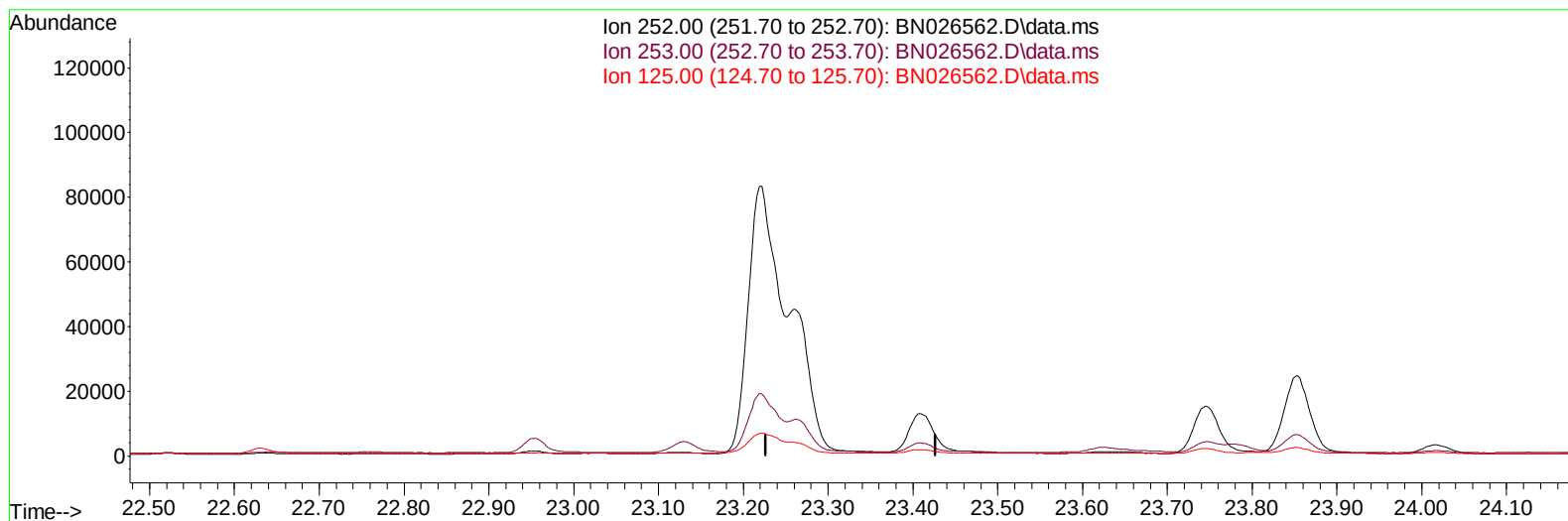
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 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BN026562.D\data.ms

(25) Benzo(k)fluoranthene

23.277min (-23.277) 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

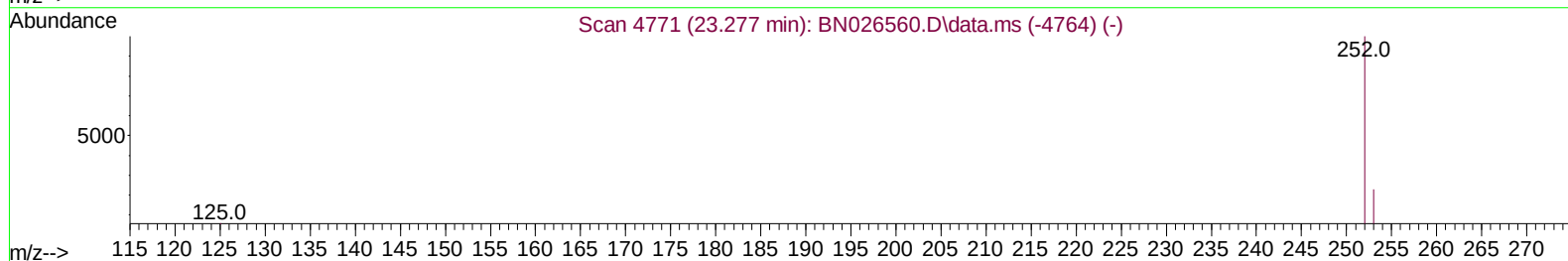
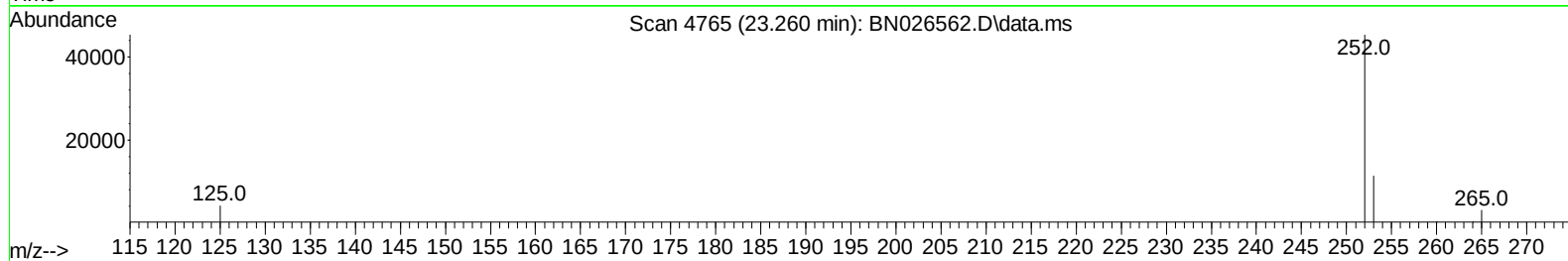
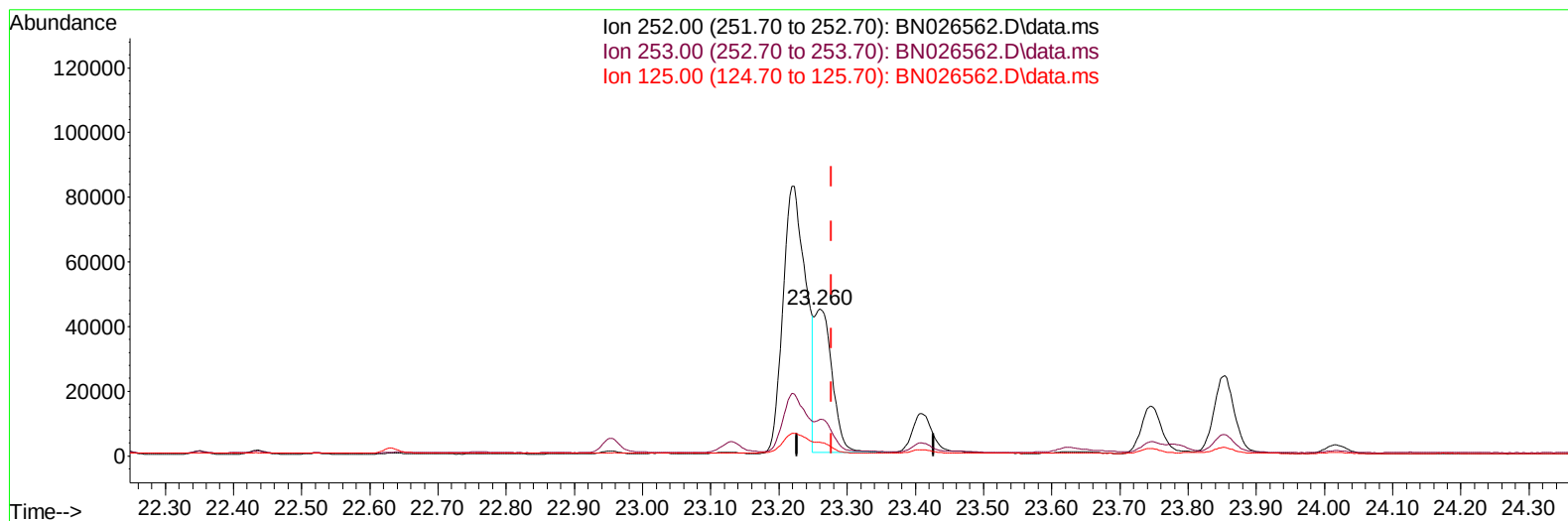
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 Sample : 03458-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BN026562.D\data.ms

(25) Benzo(k)fluoranthene

23.260min (-0.017) 1.64 ng/ul m

response 81460

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.99#
125.00	16.80	9.27#
0.00	0.00	0.00

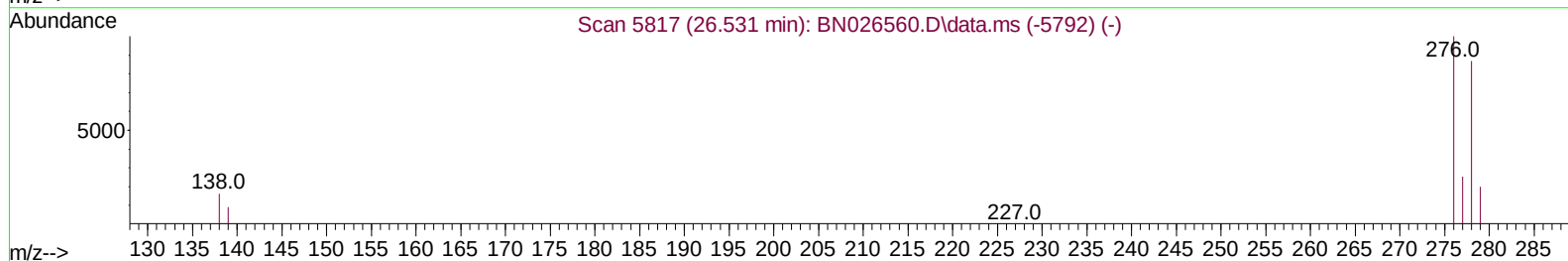
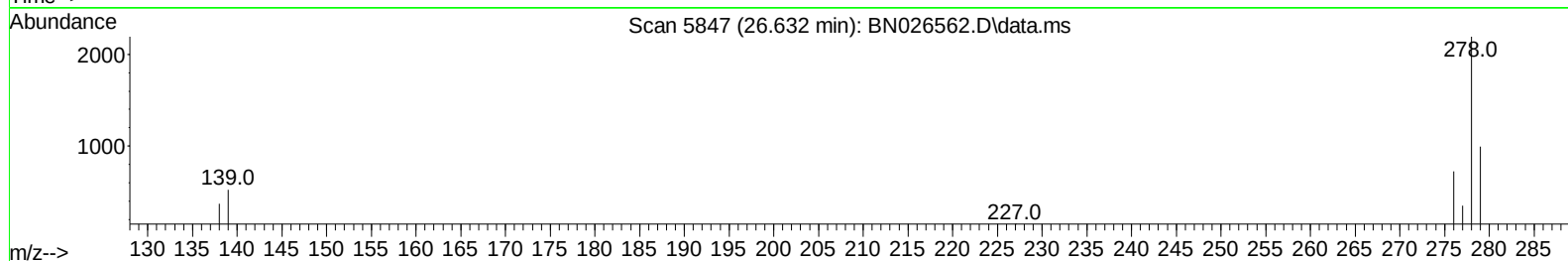
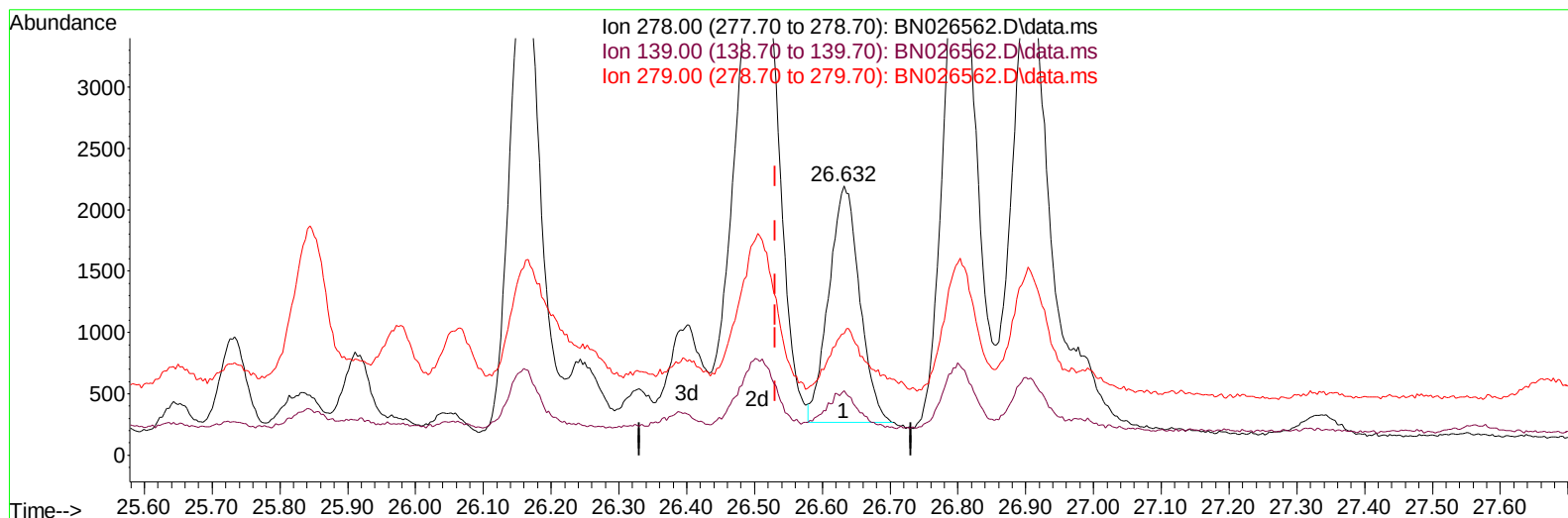
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 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BN026562.D\data.ms

(28) Dibenzo(a,h)anthracene

26.632min (+ 0.101) 0.14 ng/u1

response 6089

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	23.99
279.00	39.10	45.23
0.00	0.00	0.00

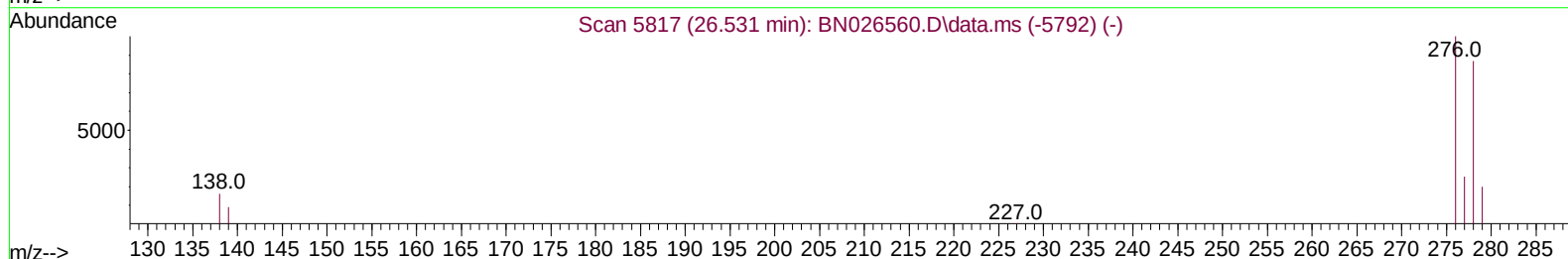
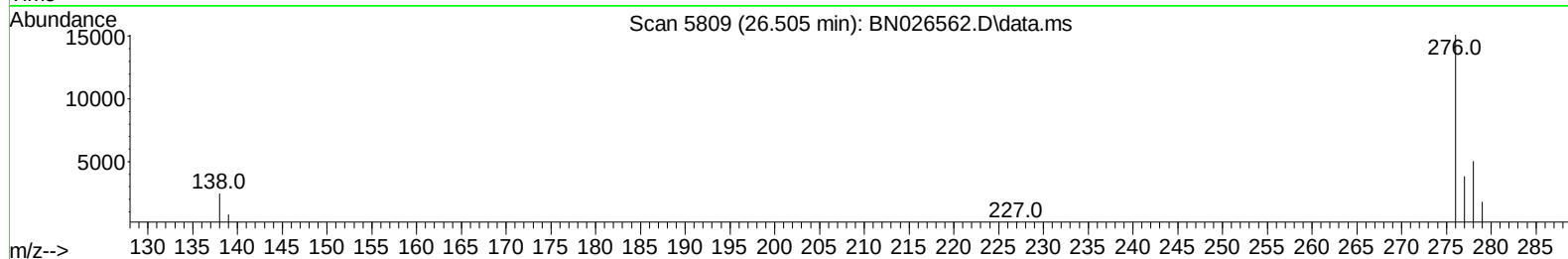
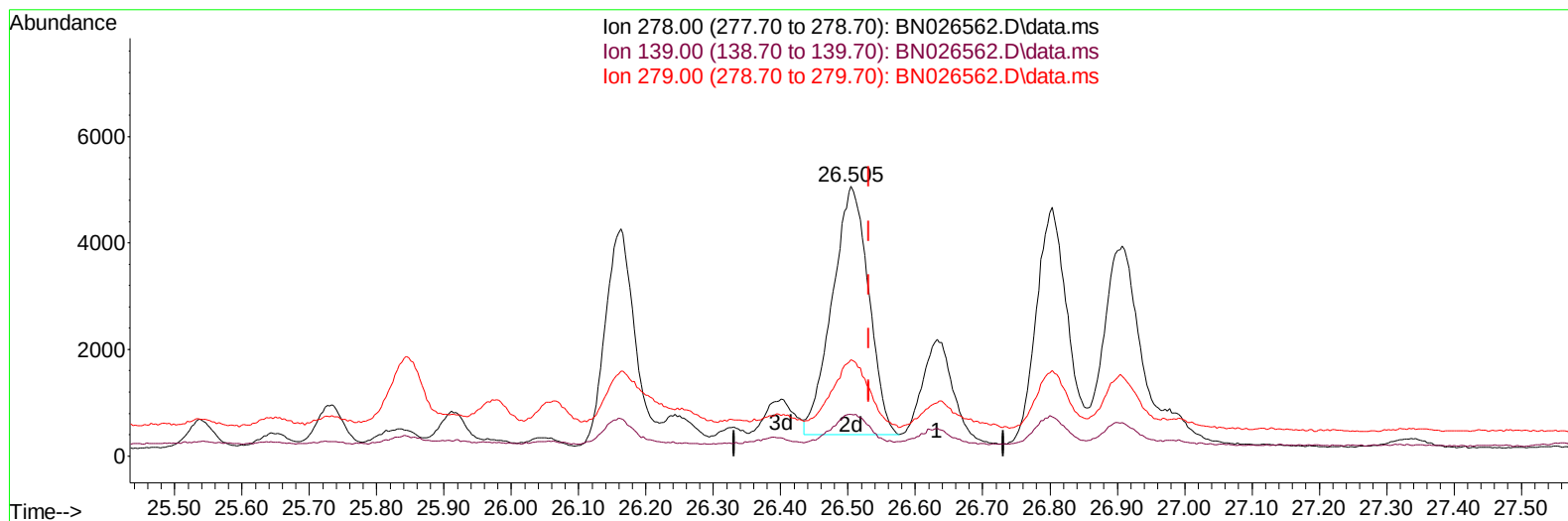
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 Acq On : 18 Jul 2023 13:39
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BN026562.D\data.ms

(28) Dibenzo(a,h)anthracene

26.505min (-0.026) 0.41 ng/ul m

response 17487

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	15.38#
279.00	39.10	35.69
0.00	0.00	0.00

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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	2394	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	7453	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.576	164	4918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	12712	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	13616	0.400	ng/ul	#-0.01
23) Perylene-d12	23.965	264	12175	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	6327	2.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1535	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	5758	0.122	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.787	128	7344	0.359	ng/ul	100
7) 2-Methylnaphthalene	12.409	142	1814	0.156	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	1855	0.149	ng/ul	98
10) Acenaphthylene	14.293	152	30352	1.260	ng/ul	99
11) Acenaphthene	14.640	153	5957	0.325	ng/ul	99
12) Fluorene	15.626	166	27713	1.440	ng/ul	99
15) Phenanthrene	17.365	178	405860	10.025	ng/ul	97
16) Anthracene	17.458	178	66073	1.881	ng/ul	95
19) Fluoranthene	19.387	202	523648	8.205	ng/ul#	94
20) Pyrene	19.750	202	318448	4.594	ng/ul	96
21) Benzo(a)anthracene	21.509	228	200803	4.013	ng/ul	98
22) Chrysene	21.562	228	181784	3.192	ng/ul	98
24) Benzo(b)fluoranthene	23.219	252	192025m	4.048	ng/ul	
25) Benzo(k)fluoranthene	23.260	252	81460m	1.639	ng/ul	
26) Benzo(a)pyrene	23.854	252	51374	1.217	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.495	276	50763	0.917	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.505	278	17487m	0.412	ng/ul	
29) Benzo(g,h,i)perylene	27.290	276	2922	0.060	ng/ul#	83

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

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