Quantitation Report (QT Reviewed)

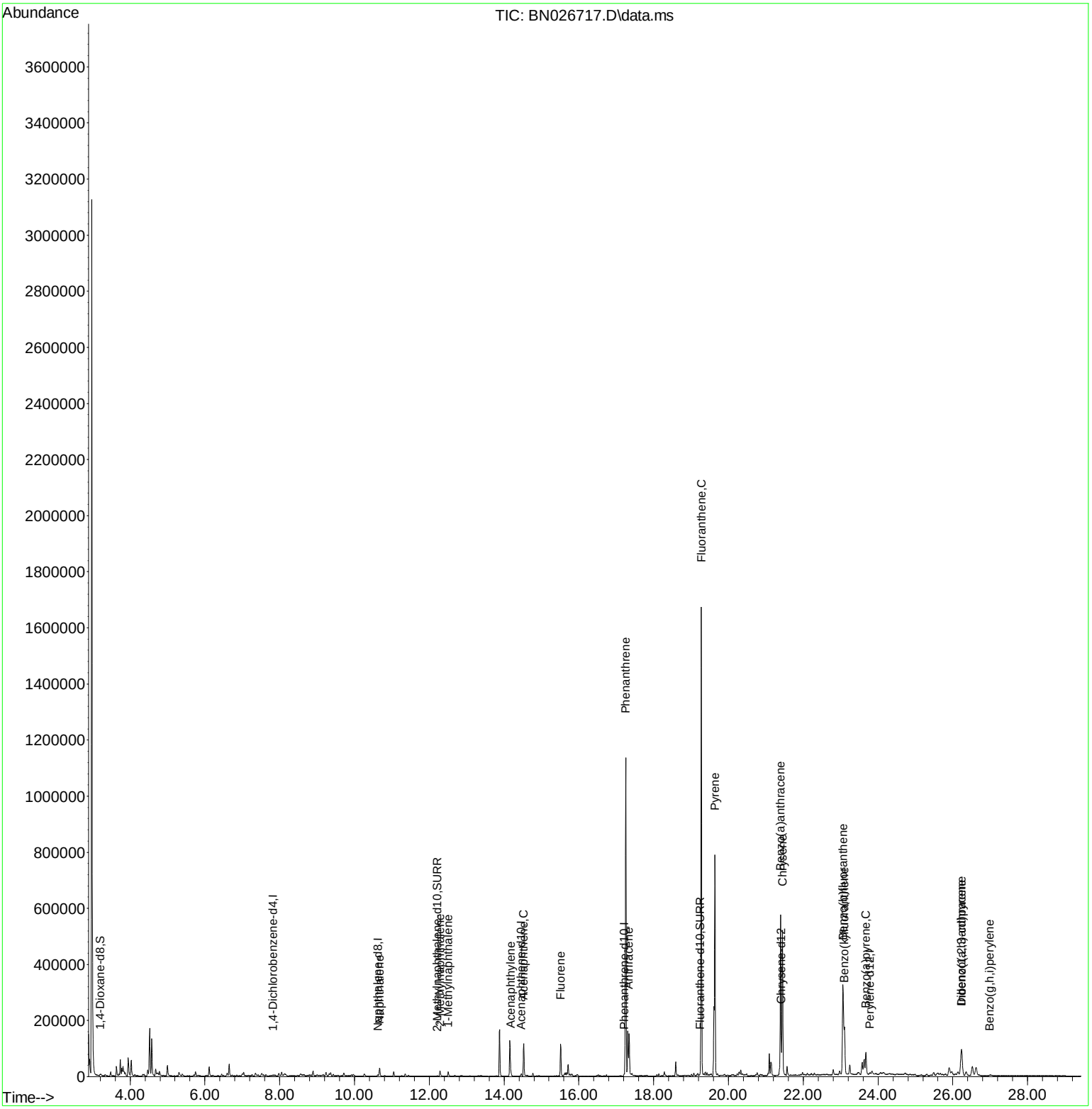
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026717.D
Acq On : 24 Jul 2023 17:06
Operator : MA/JU
Sample : 03504-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jul 24 20:49:26 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

Instrument :
BNA_N
ClientSampleId :
A46W4

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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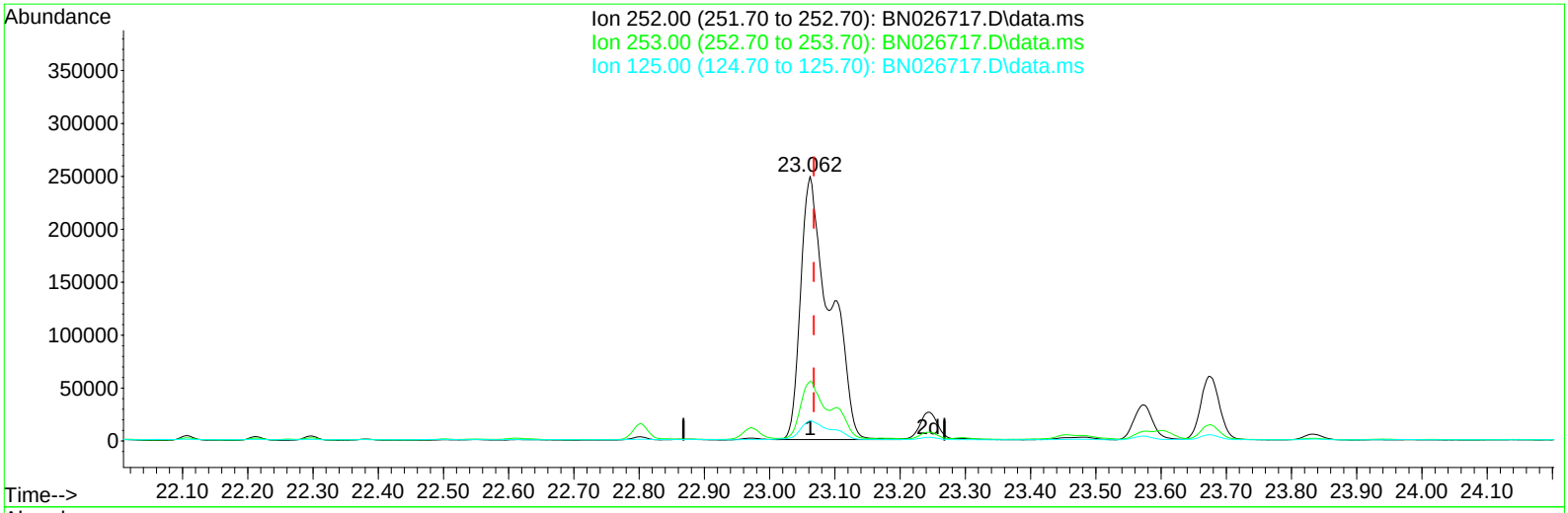

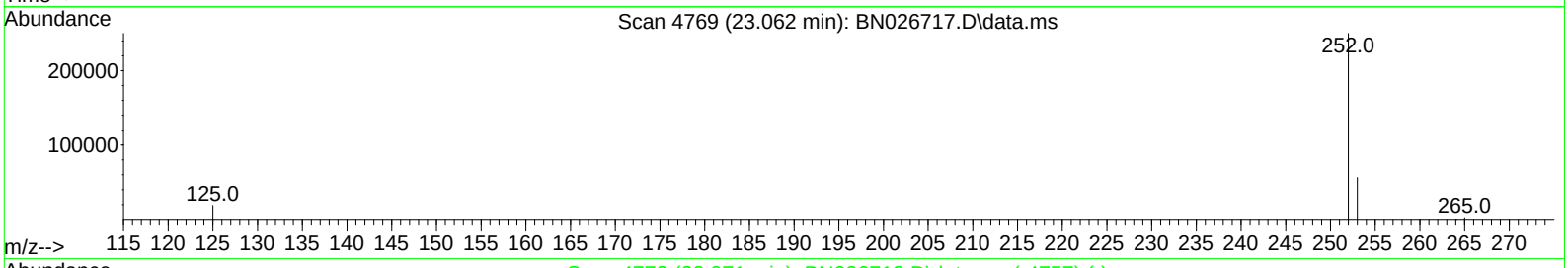

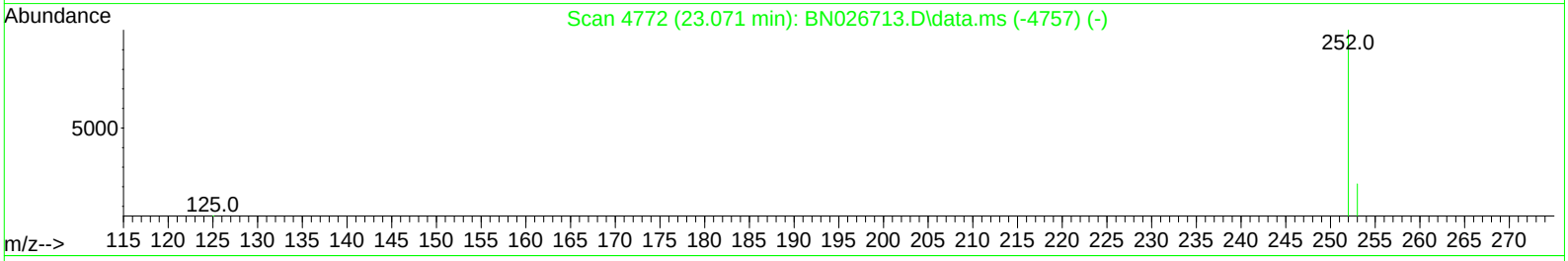

TIC: BN026717.D\data.ms

(24) Benzo(b)fluoranthene

23.062min (-0.006) 20.64 ng/ul

response 775749

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	22.56
125.00	17.00	7.64
0.00	0.00	0.00

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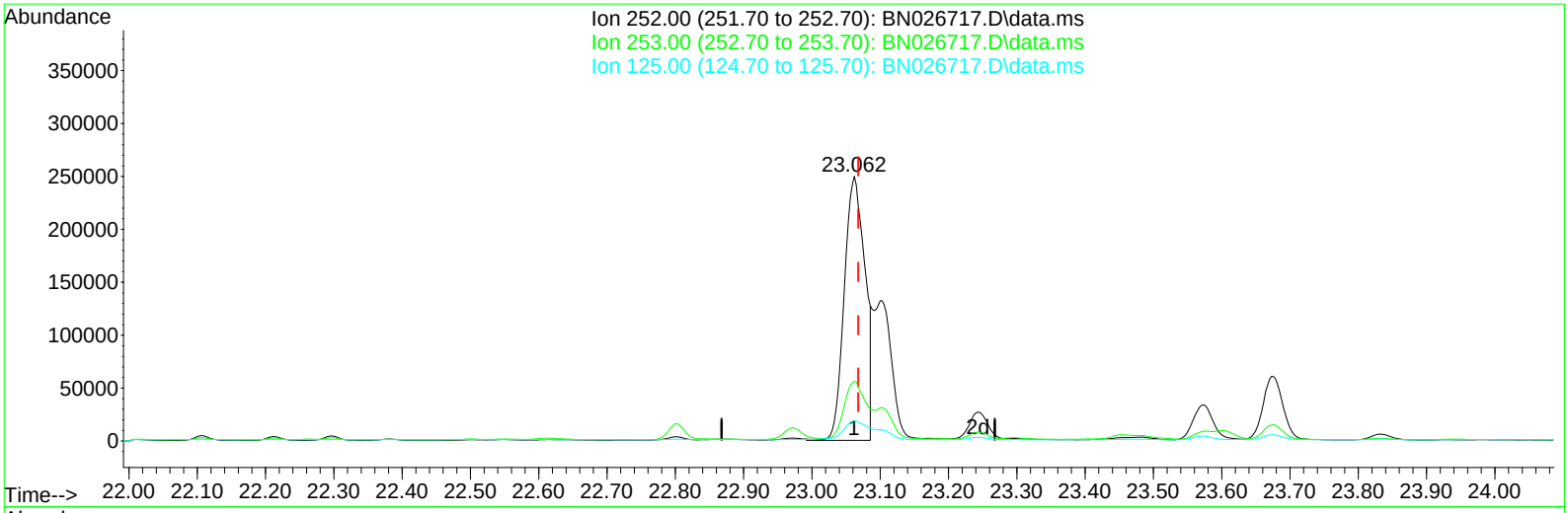

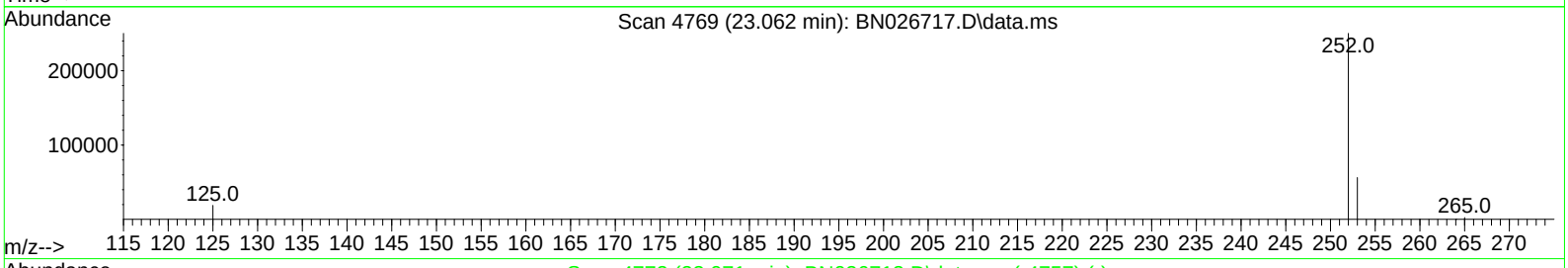

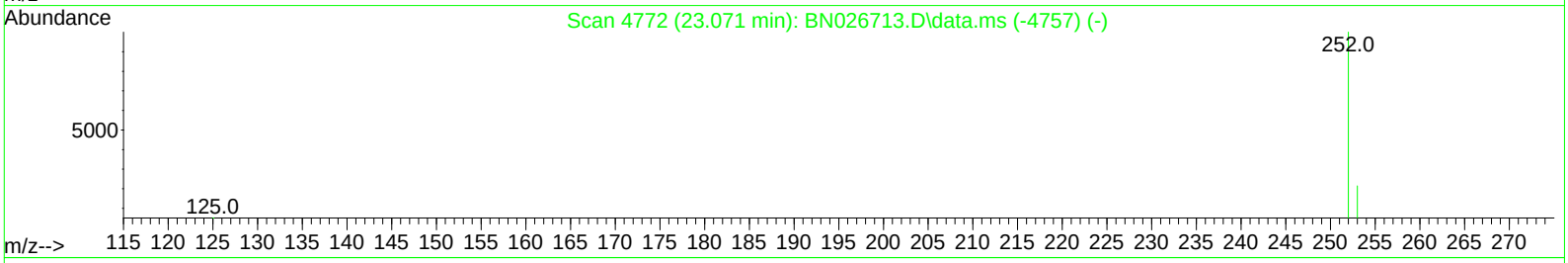

TIC: BN026717.D\data.ms

(24) Benzo(b)fluoranthene

23.062min (-0.006) 13.99 ng/ul m

response 525681

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	22.56
125.00	17.00	7.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
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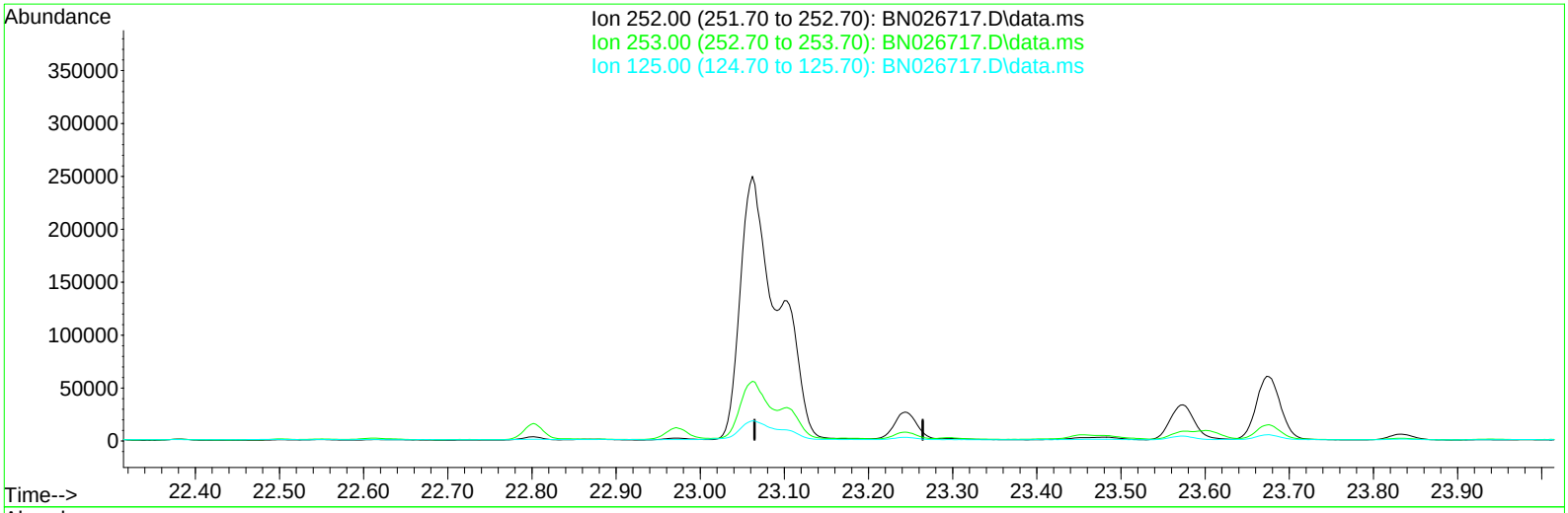

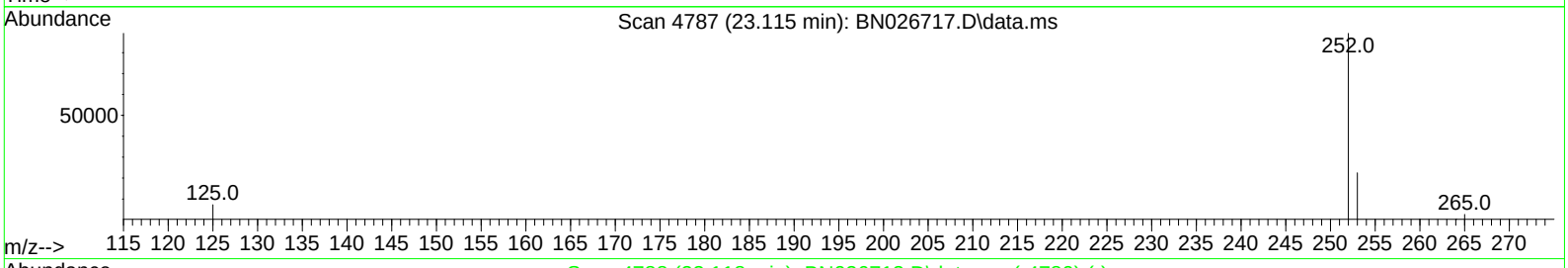

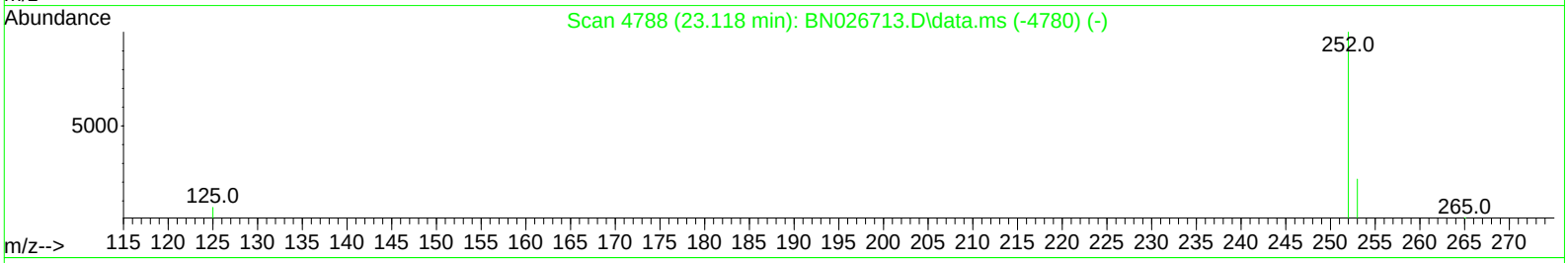

TIC: BN026717.D\data.ms

(25) Benzo(k)fluoranthene

23.115min (-23.115) 0.00 ng/ul

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

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/24/2023
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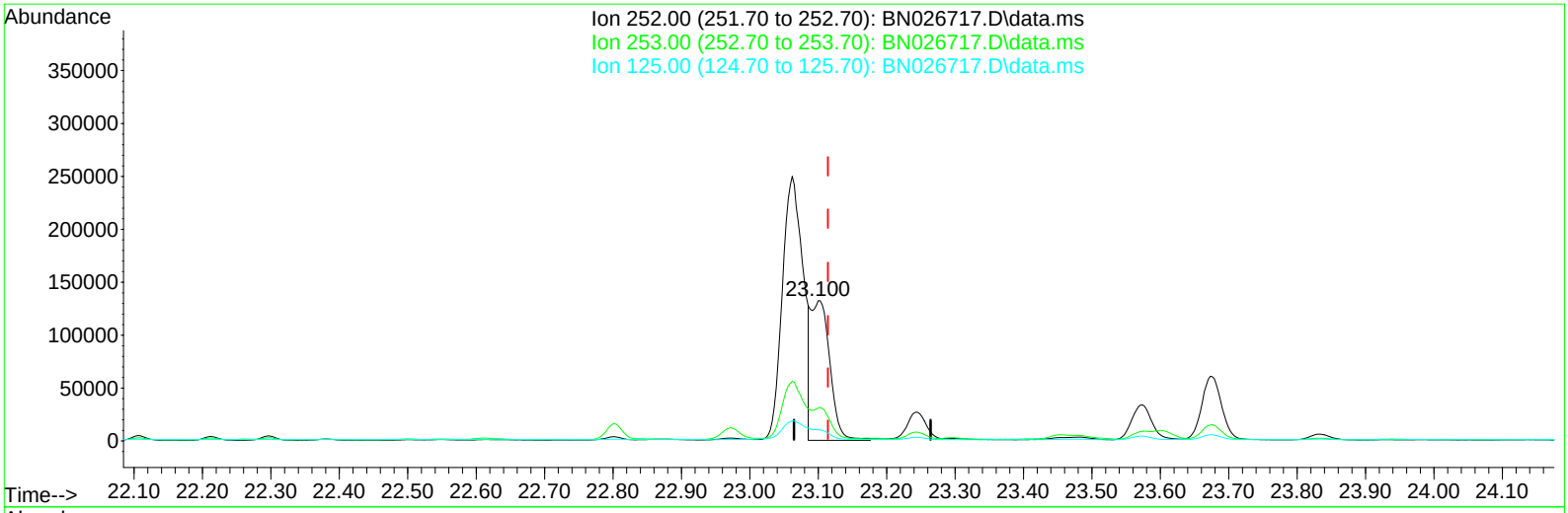

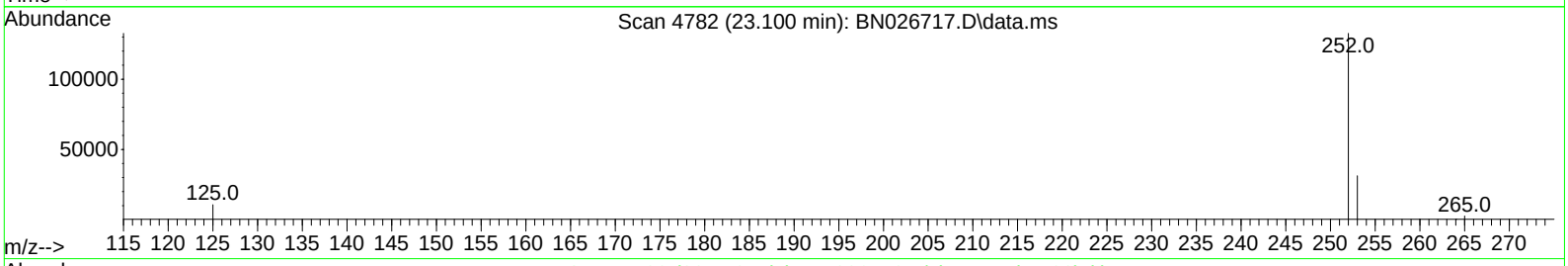

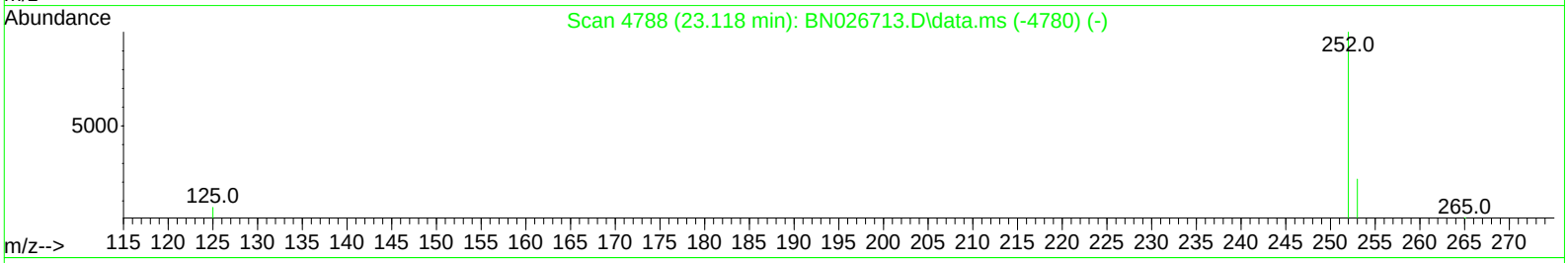

TIC: BN026717.D\data.ms

(25) Benzo(k)fluoranthene

23.100min (-0.015) 6.51 ng/ul m

response 256555

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.56#
125.00	16.80	8.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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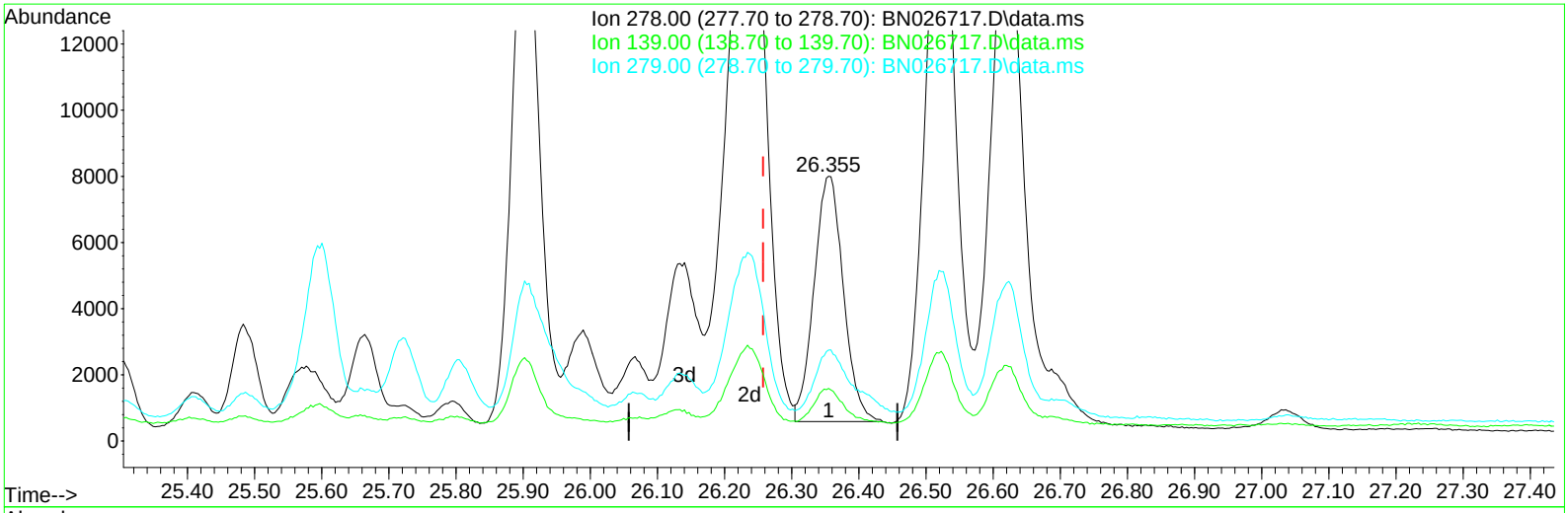

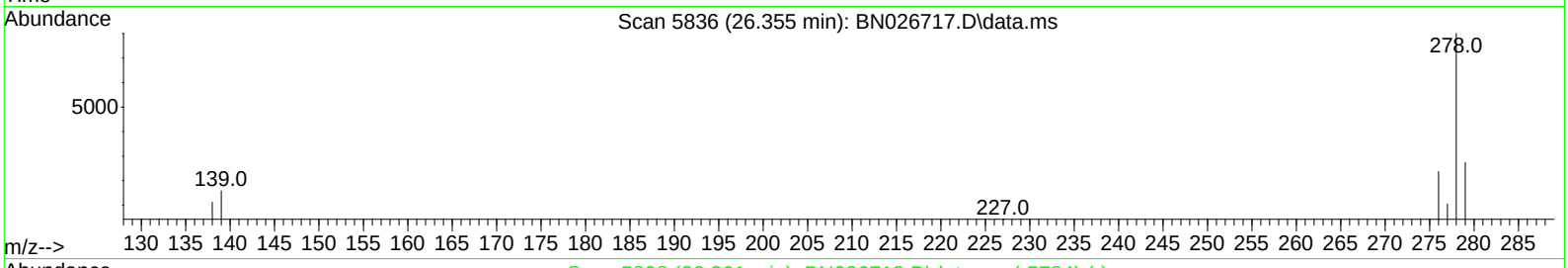

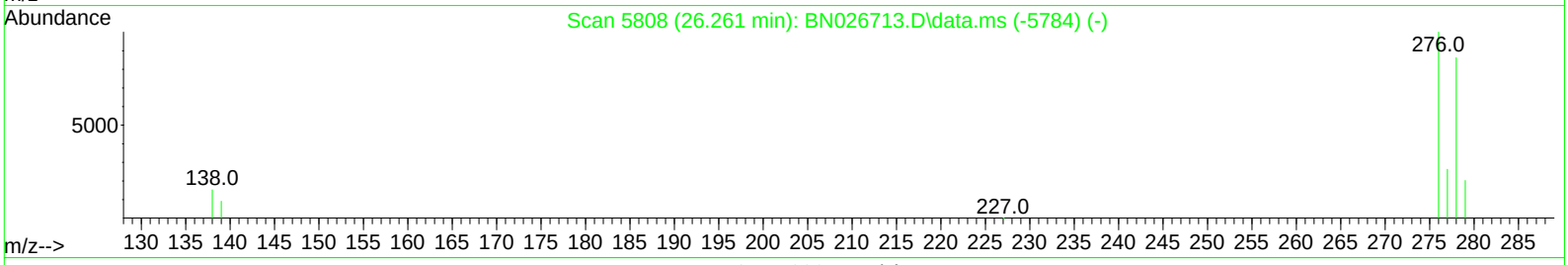

TIC: BN026717.D\data.ms

(28) Dibenzo(a,h)anthracene

26.355min (+ 0.097) 0.67 ng/ul

response 22482

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	19.88
279.00	39.10	34.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : 03504-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Jul 24 20:49:26 2023
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ClientSampleId :
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Manual IntegrationsAPPROVED

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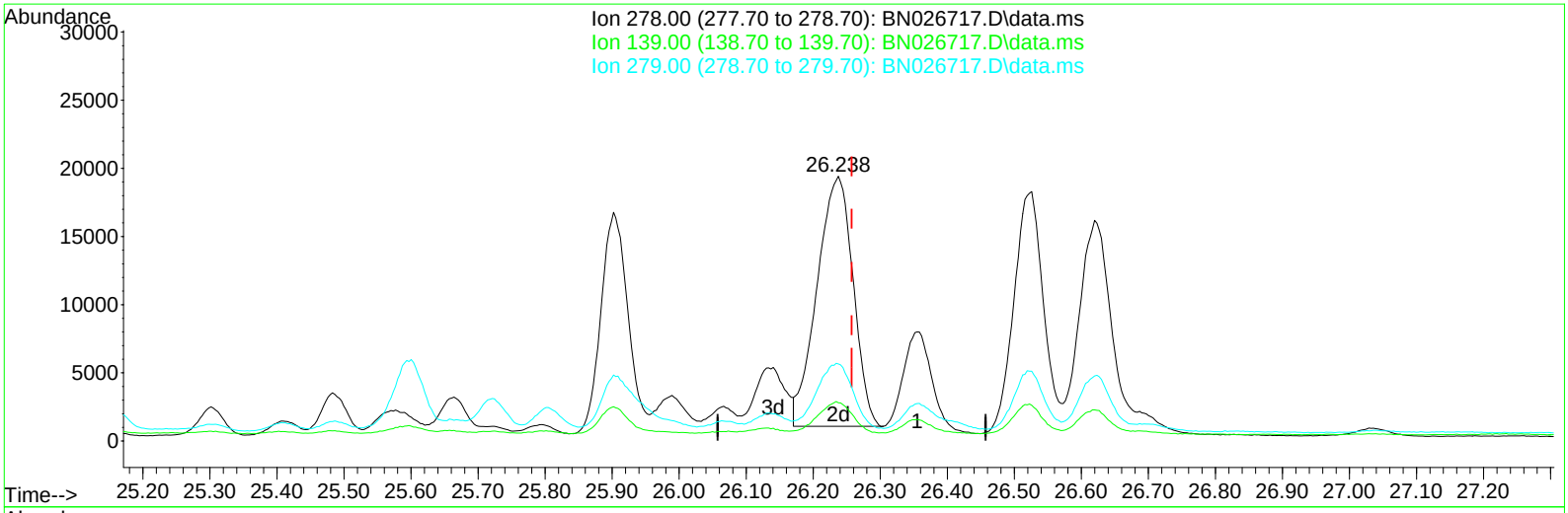

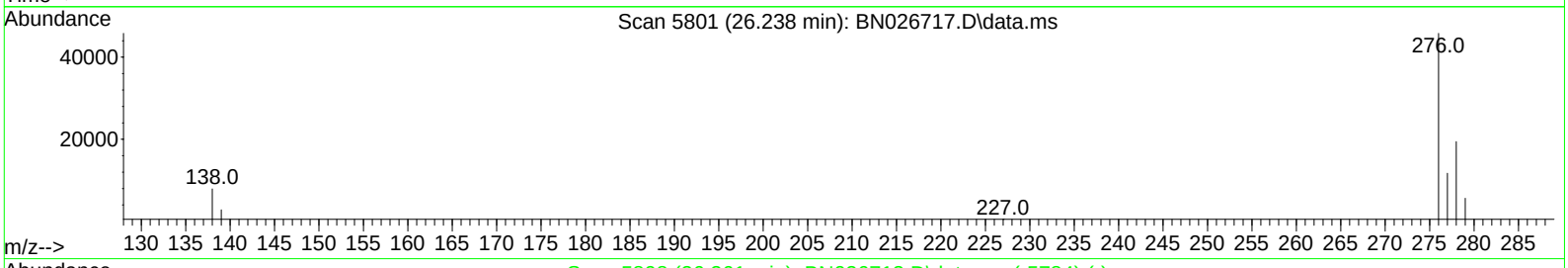

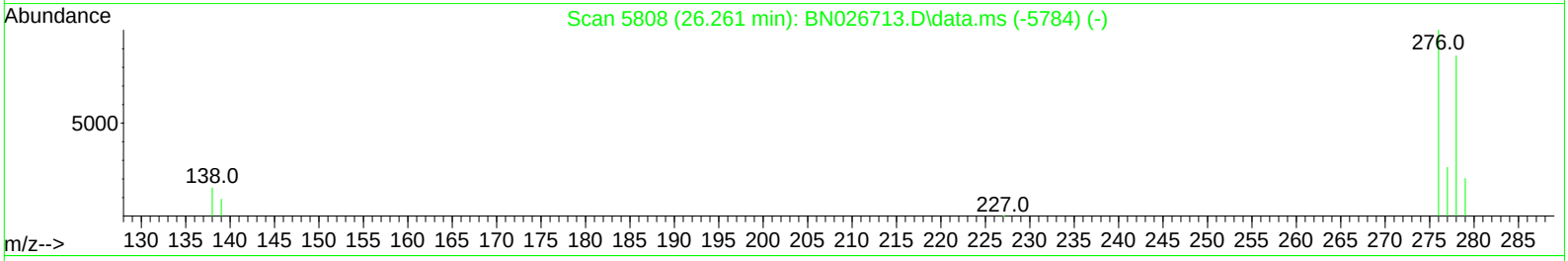

TIC: BN026717.D\data.ms

(28) Dibenzo(a,h)anthracene

26.238min (-0.020) 2.03 ng/ul m

response 68352

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.60	14.43#
279.00	39.10	29.10#
0.00	0.00	0.00

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ALS Vial : 52 Sample Multiplier: 1

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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	7.819	152	2490	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.619	136	7966	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	5201	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	14280	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	7382	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	9647	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	3666	1.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.214	152	3022	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	6573	0.257	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.669	128	42610	1.948	ng/ul	98
7) 2-Methylnaphthalene	12.286	142	14196	1.144	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	11696	0.880	ng/ul	98
10) Acenaphthylene	14.185	152	14282	0.561	ng/ul	98
11) Acenaphthene	14.523	153	68392	3.525	ng/ul	99
12) Fluorene	15.513	166	73610	3.616	ng/ul	98
15) Phenanthrene	17.253	178	1180067	25.948	ng/ul	97
16) Anthracene	17.342	178	157341	3.987	ng/ul	96
19) Fluoranthene	19.274	202	1460473	42.208	ng/ul#	93
20) Pyrene	19.636	202	747830	19.901	ng/ul#	95
21) Benzo(a)anthracene	21.393	228	492138	18.142	ng/ul	98
22) Chrysene	21.446	228	472193	15.292	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	525681m	13.987	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	256555m	6.513	ng/ul	
26) Benzo(a)pyrene	23.673	252	121916	3.644	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.231	276	147234	3.357	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.238	278	68352m	2.031	ng/ul	
29) Benzo(g,h,i)perylene	26.989	276	7705	0.199	ng/ul#	84

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