Quantitation Report (Qedit)

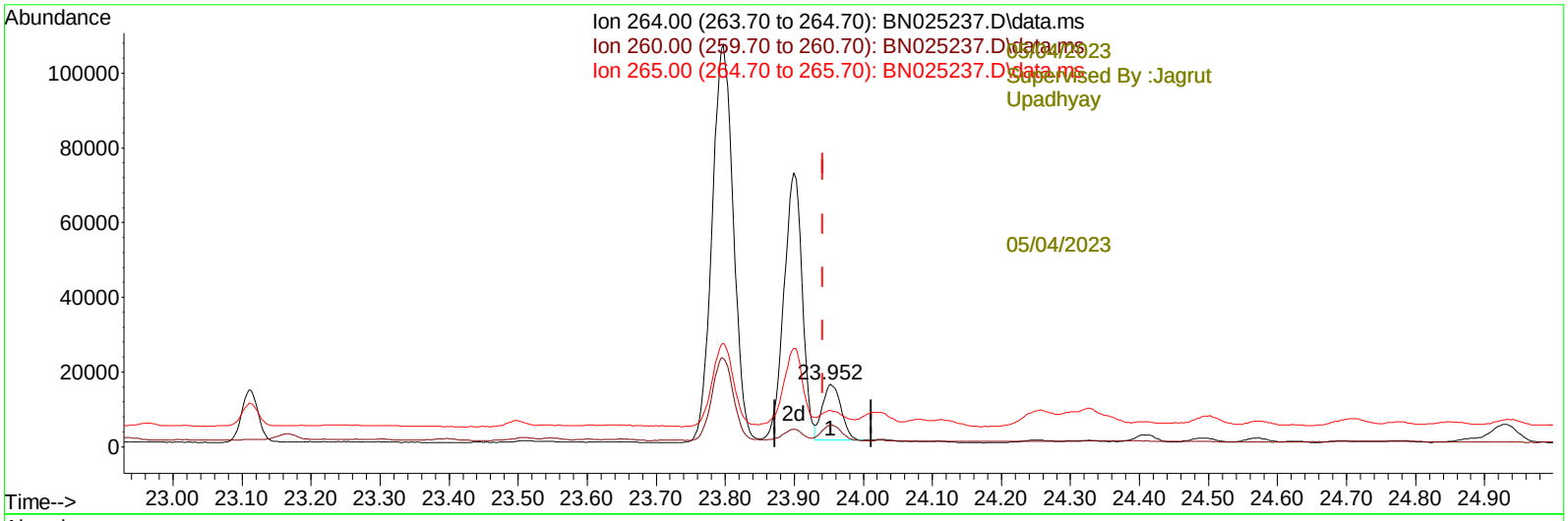
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025237.D
Acq On : 03 May 2023 13:35
Operator : CG/JU
Sample : 02419-24DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

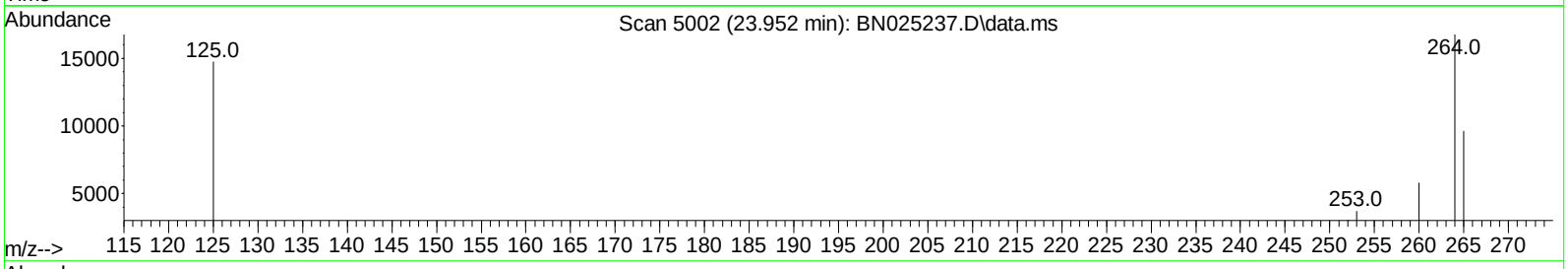
Quant Time: May 04 04:29:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

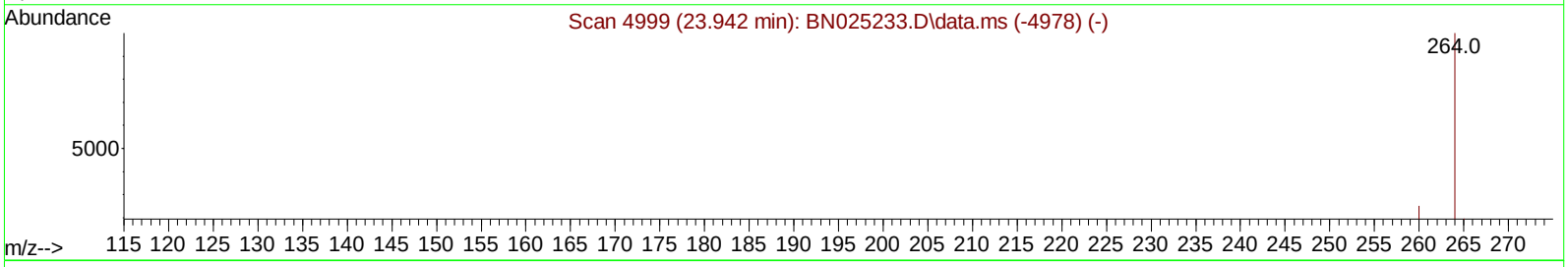
Instrument :
BNA_N
ClientSampleId :
EW921DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo







TIC: BN025237.D\data.ms

(23) Perylene-d12 (I)

23.952min (+ 0.010) 0.40 ng/ul

response 28493

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.90	34.58#
265.00	56.60	57.52
0.00	0.00	0.00

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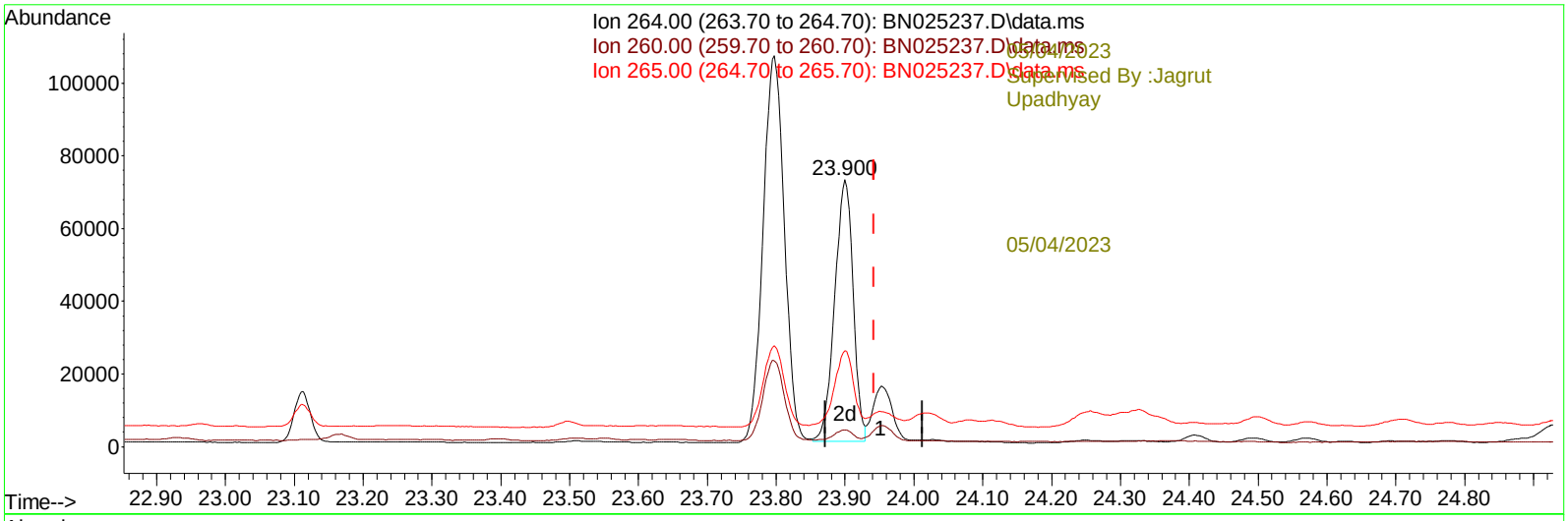

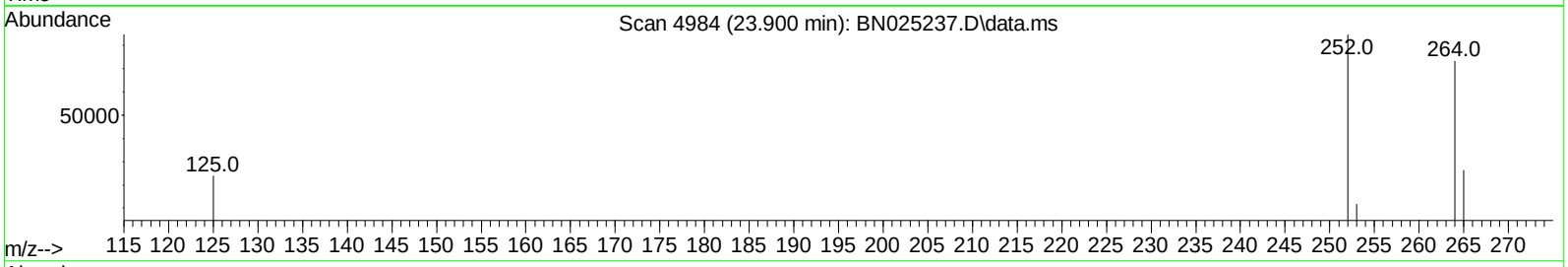

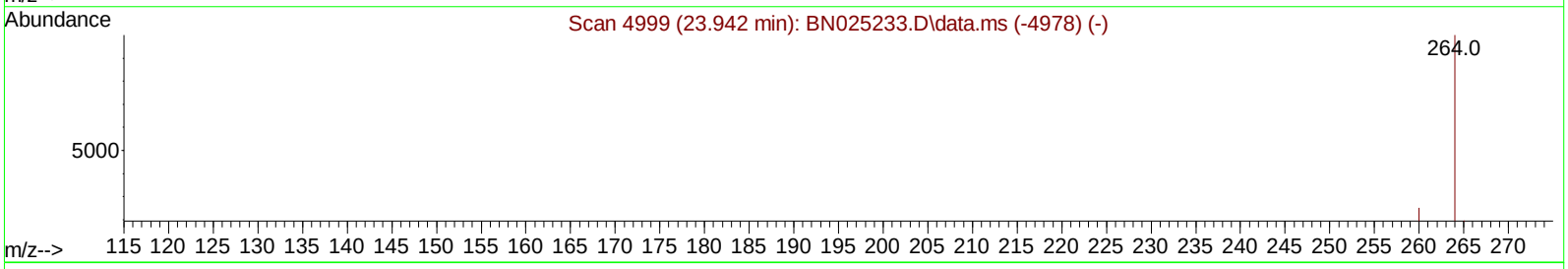

TIC: BN025237.D\data.ms

(23) Perylene-d12 (I)

23.900min (-0.042) 0.40 ng/ul m

response 133887

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.90	6.37#
265.00	56.60	36.04#
0.00	0.00	0.00

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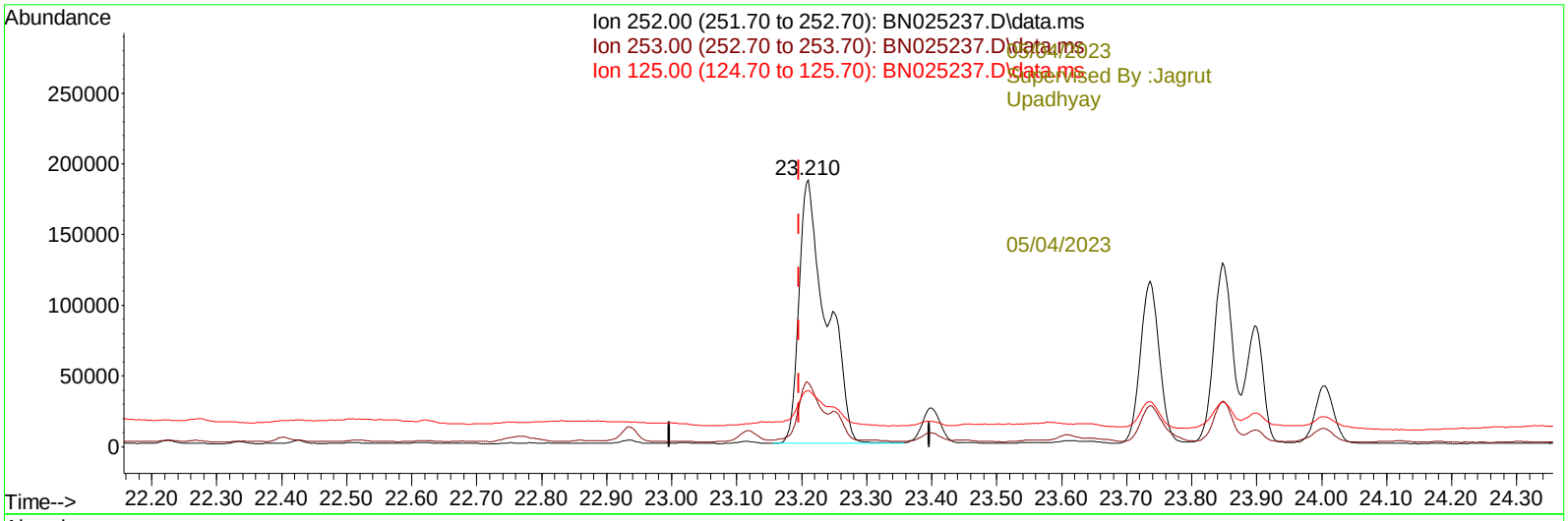

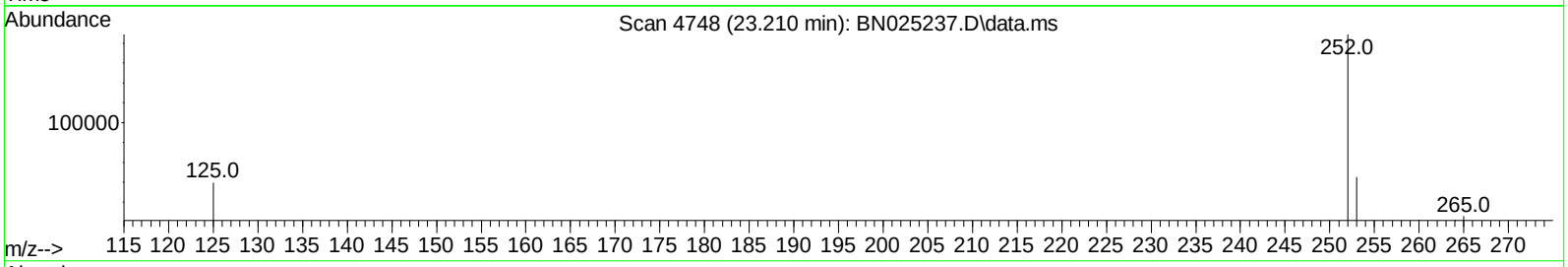

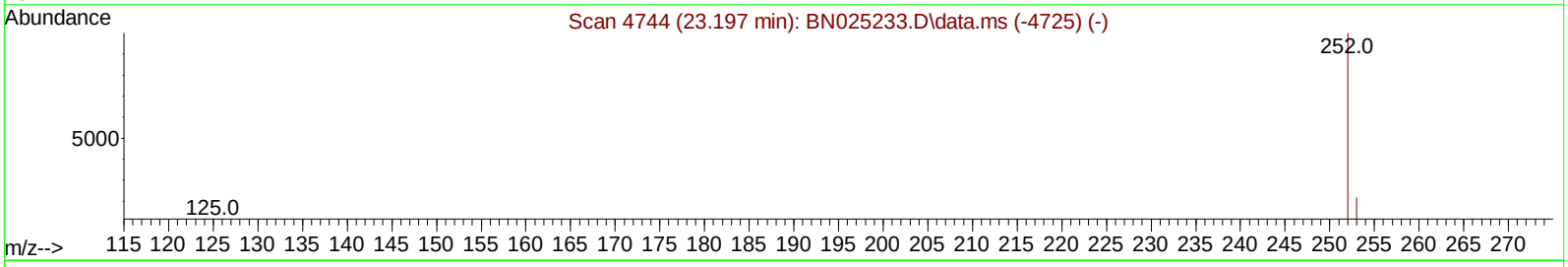

TIC: BN025237.D\data.ms

(24) Benzo(b)fluoranthene

23.210min (+ 0.013) 1.01 ng/ul

response 547923

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.02
125.00	15.20	21.02
0.00	0.00	0.00

Quantitation Report (Qedit)

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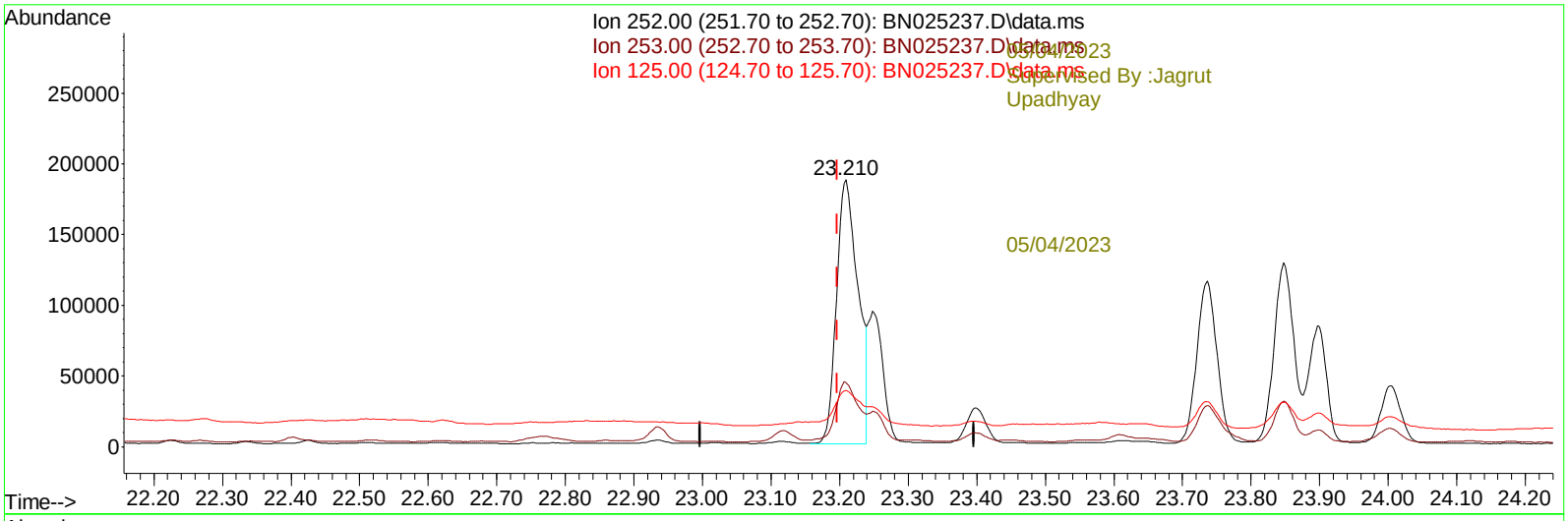
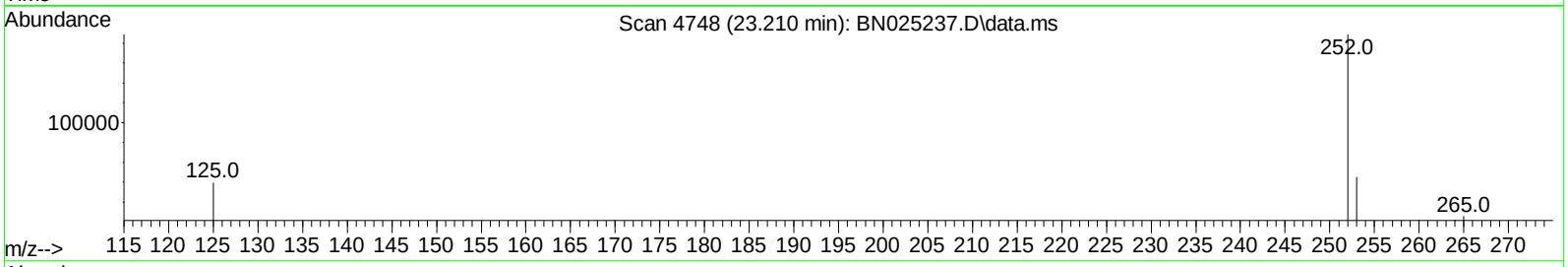
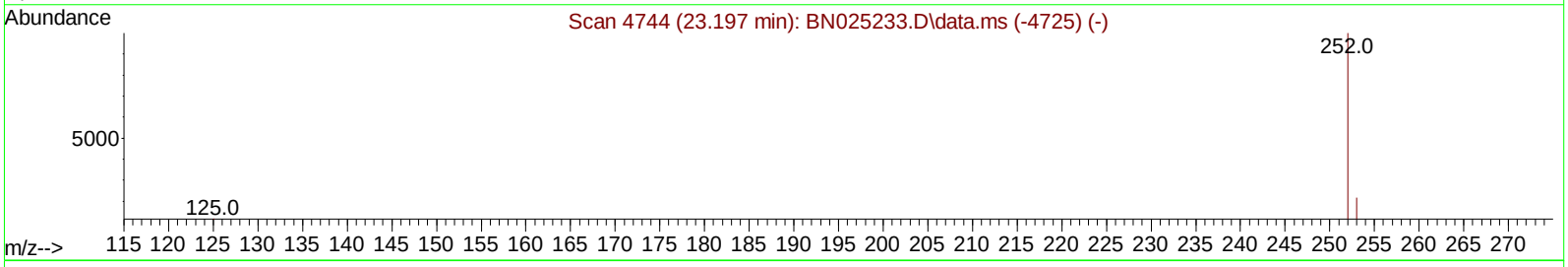
Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo







TIC: BN025237.D\data.ms

(24) Benzo(b)fluoranthene

23.210min (+ 0.013) 0.76 ng/ul m

response 410343

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.02
125.00	15.20	21.02
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 03 May 2023 13:35
Operator : CG/JU
Sample : 02419-24DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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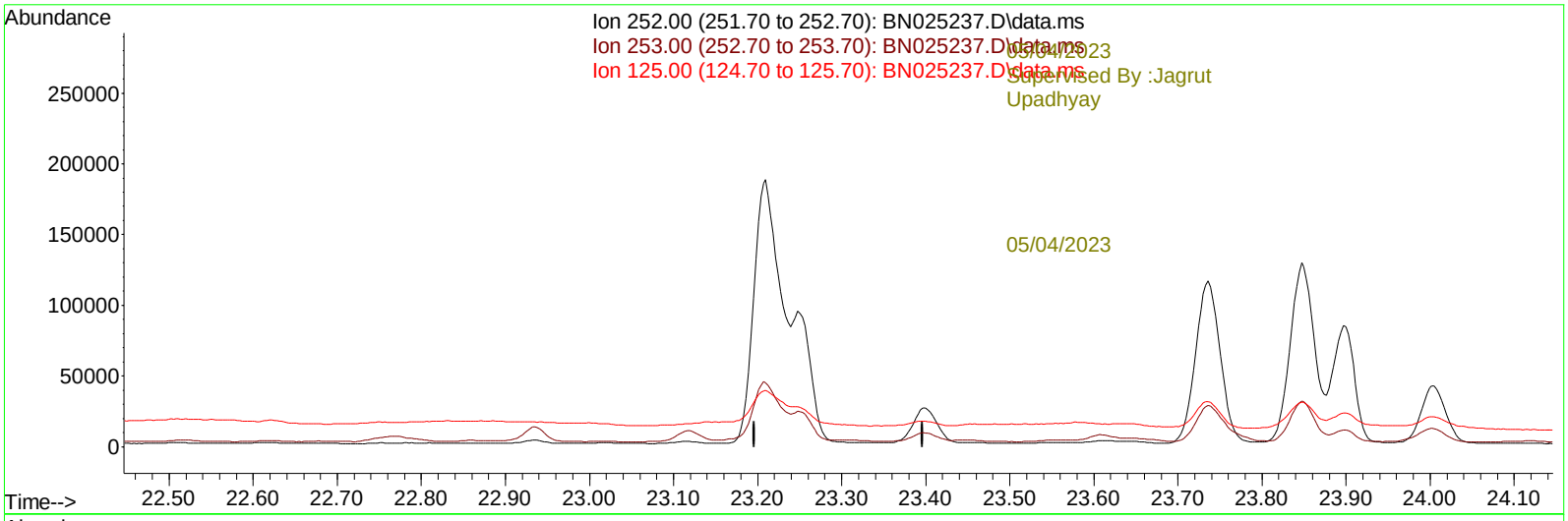
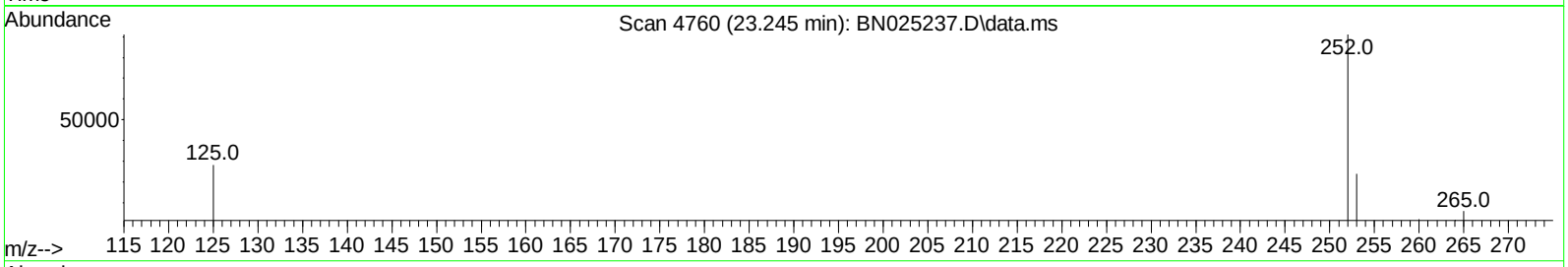
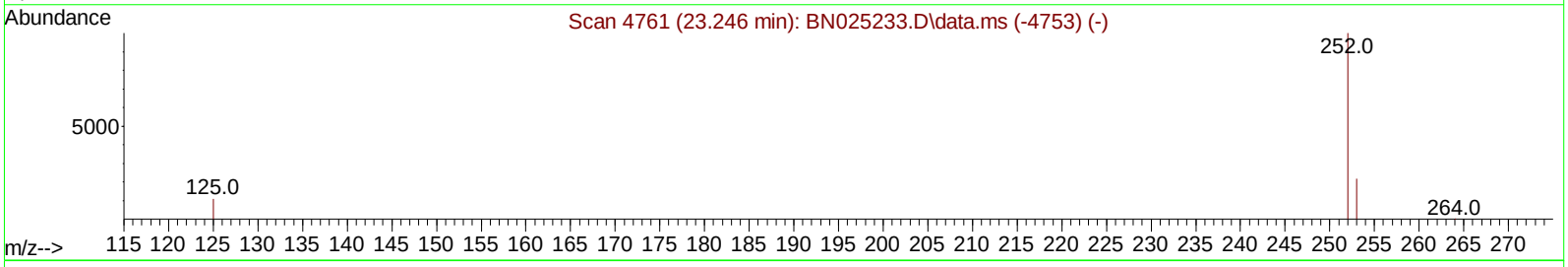
Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo







TIC: BN025237.D\data.ms

(25) Benzo(k)fluoranthene

23.246min (-23.246) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.30	0.00#
125.00	14.80	0.00#
0.00	0.00	0.00

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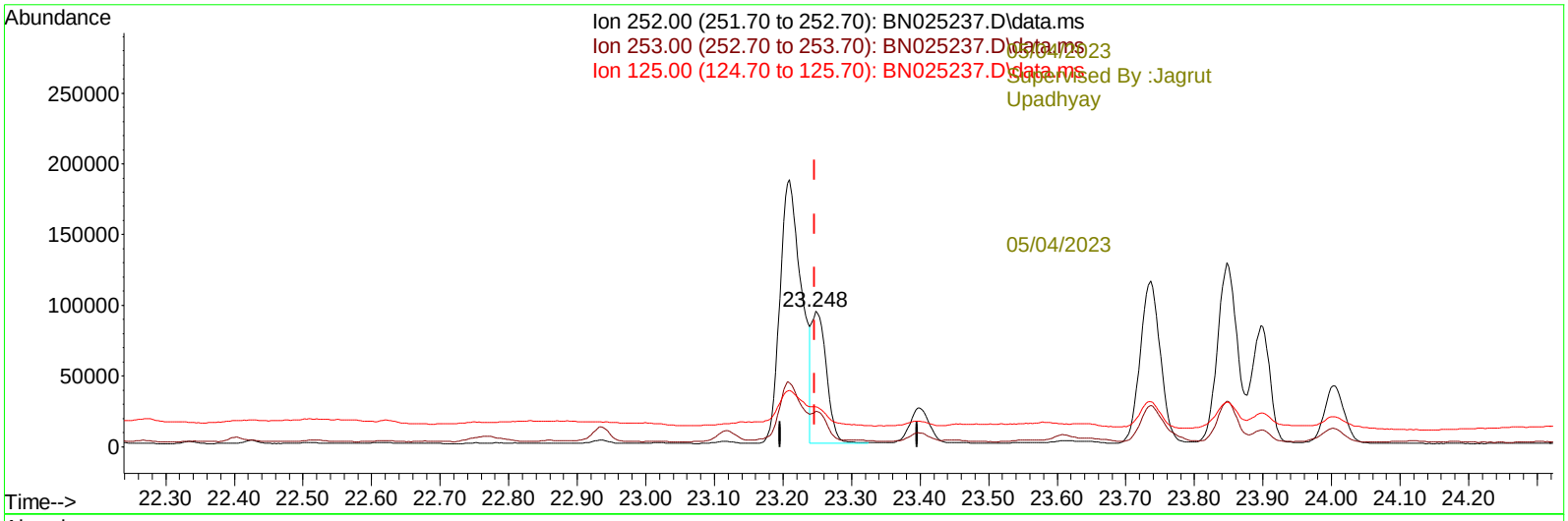
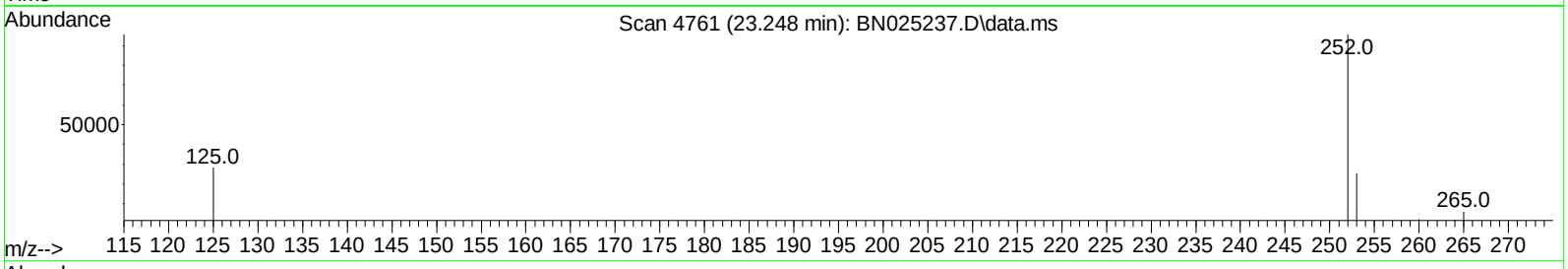
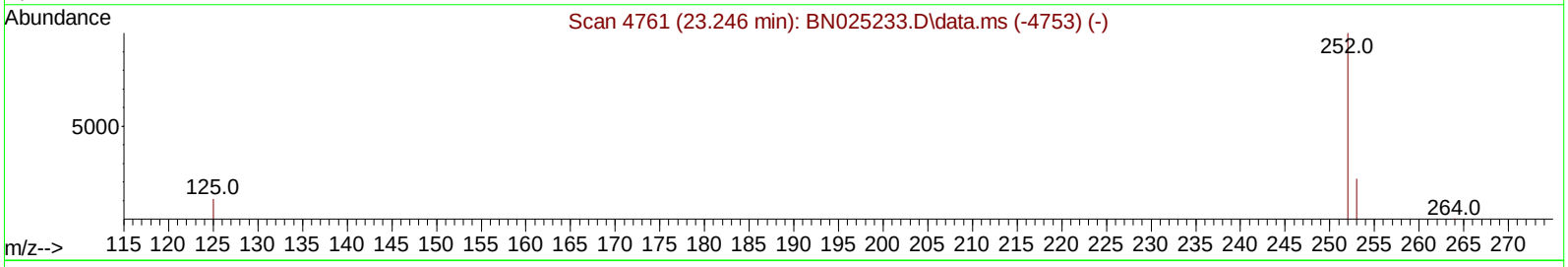
Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo







TIC: BN025237.D\data.ms

(25) Benzo(k)fluoranthene

23.248min (+ 0.002) 0.27 ng/ul m

response 139270

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	26.44
125.00	14.80	29.50#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo
05/04/2023
Supervised By :Jagrut Upadhyay
05/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.917	152	7907	0.400	ng/ul		0.00
4) Naphthalene-d8	10.726	136	27152	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.562	164	17091	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.309	188	46543	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.509	240	33093	0.400	ng/ul	#	0.00
23) Perylene-d12	23.900	264	133887m	0.400	ng/ul		-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.297	96	3579	0.437	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.315	152	1342	0.038	ng/ul		0.00
18) Fluoranthene-d10	19.340	212	3496	0.040	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.775	128	18047	0.259	ng/ul		99
7) 2-Methylnaphthalene	12.387	142	14043	0.330	ng/ul		100
8) 1-Methylnaphthalene	12.607	142	9336	0.206	ng/ul		100
10) Acenaphthylene	14.284	152	17424	0.274	ng/ul	#	86
11) Acenaphthene	14.622	153	9638	0.180	ng/ul		99
12) Fluorene	15.612	166	14899	0.248	ng/ul	#	96
15) Phenanthrene	17.352	178	221418	1.685	ng/ul		100
16) Anthracene	17.445	178	53092	0.494	ng/ul		96
19) Fluoranthene	19.373	202	480198	4.013	ng/ul		100
20) Pyrene	19.735	202	455280	3.703	ng/ul		98
21) Benzo(a)anthracene	21.491	228	257065	2.578	ng/ul		95
22) Chrysene	21.544	228	281053	2.584	ng/ul		96
24) Benzo(b)fluoranthene	23.210	252	410343m	0.755	ng/ul		
25) Benzo(k)fluoranthene	23.248	252	139270m	0.267	ng/ul		
26) Benzo(a)pyrene	23.847	252	256120	0.570	ng/ul	#	93
27) Indeno(1,2,3-cd)pyrene	26.501	276	212394	0.410	ng/ul	#	94
28) Dibenzo(a,h)anthracene	26.507	278	51080	0.126	ng/ul	#	75
29) Benzo(g,h,i)perylene	27.285	276	215771	0.490	ng/ul		97

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

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