

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

Instrument :
 BNA_N
 ClientSampleId :
 EW921DL

Manual Integrations
 APPROVED

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

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

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

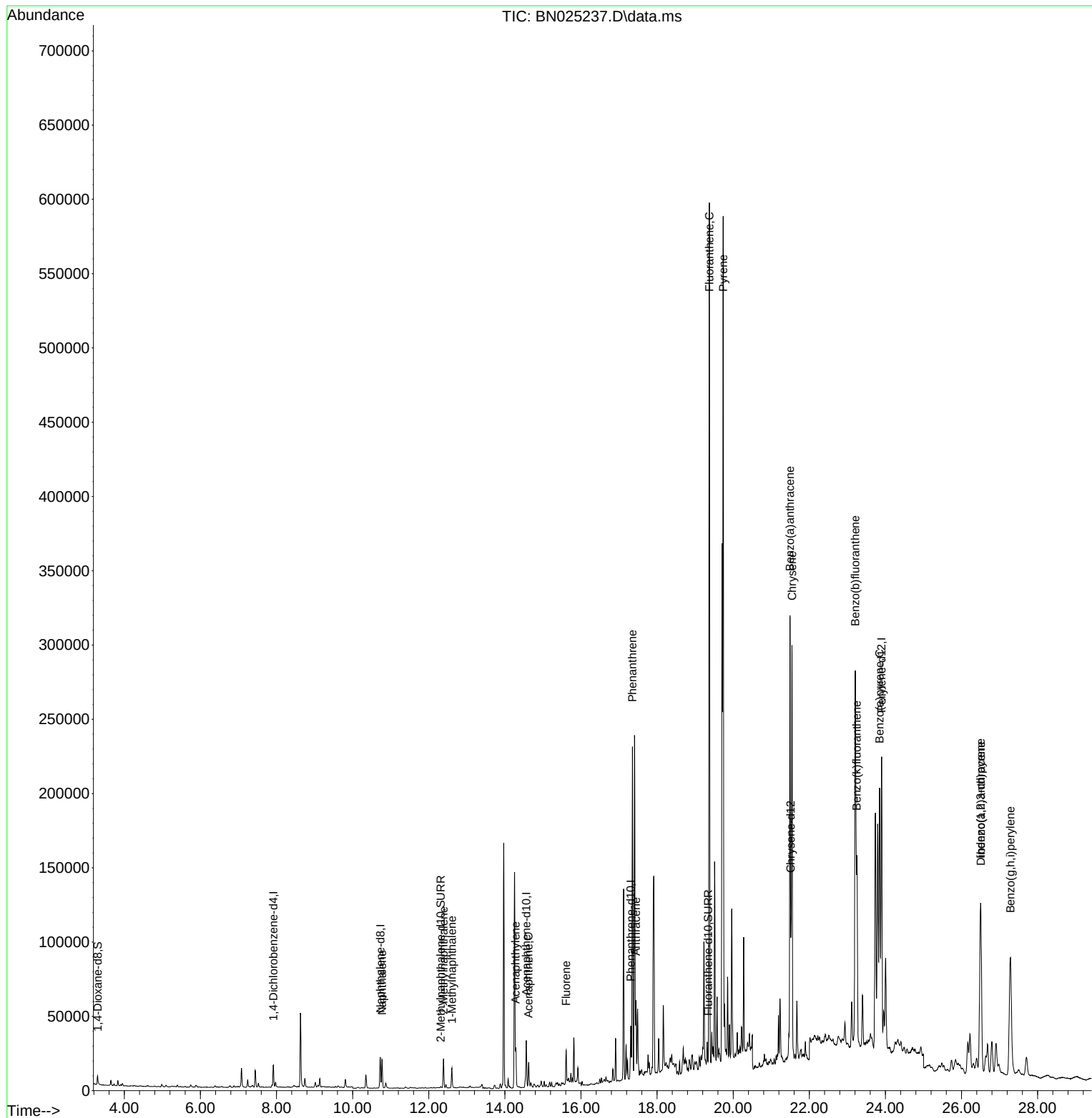
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025237.D
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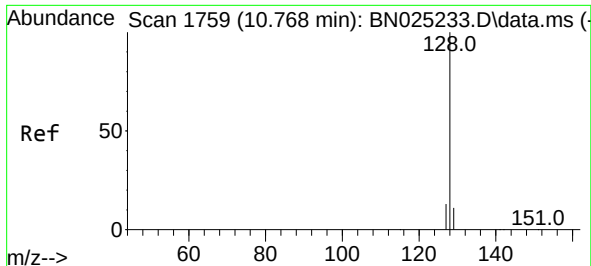
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Quant Time: May 04 04:29:02 2023
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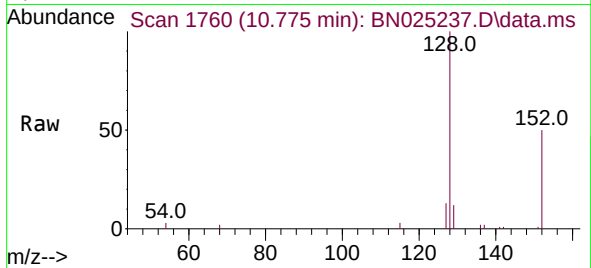
Reviewed By : Christian Giraldo 05/04/2023
Supervised By : Jagrut Upadhyay 05/04/2023





#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.775 min Scan# 1759
Delta R.T. 0.007 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

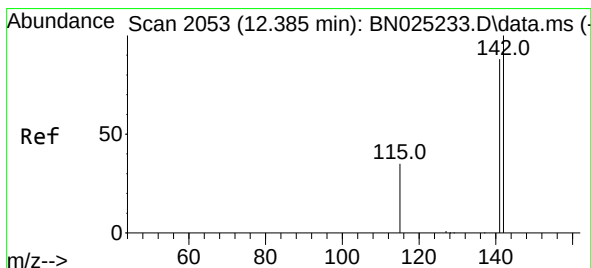
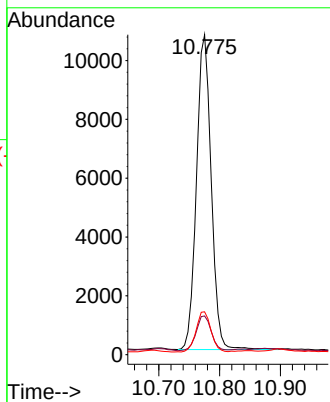
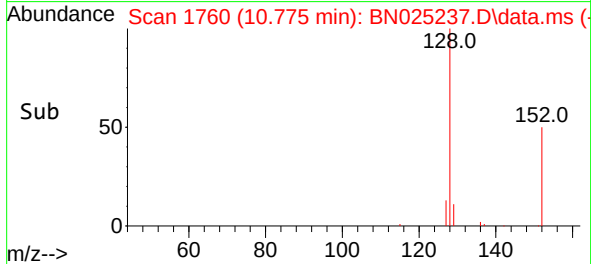
Instrument :
BNA_N
ClientSampleId :
EW921DL



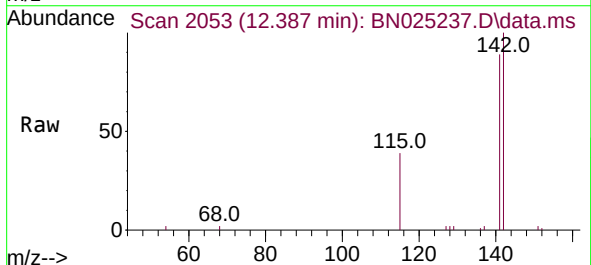
Tgt Ion:128 Resp: 1804
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 13.4 10.7 16.1

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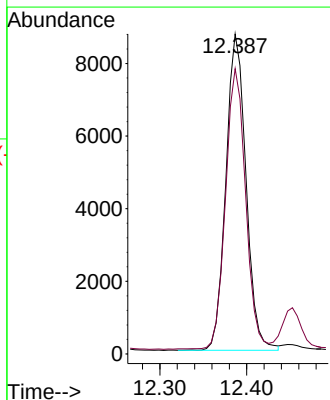
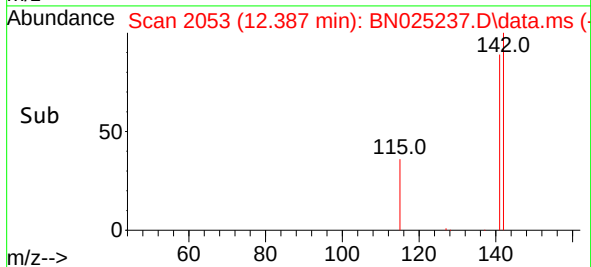
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

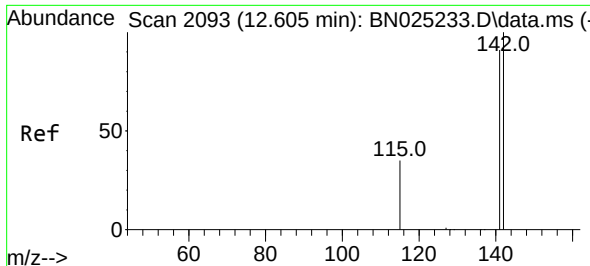


#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35



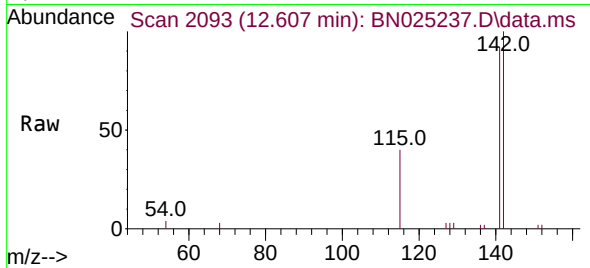
Tgt Ion:142 Resp: 14043
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

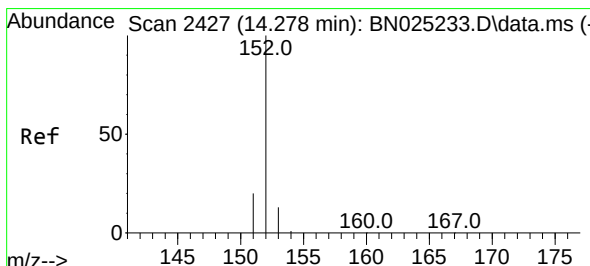
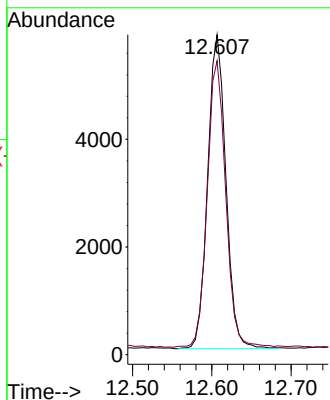
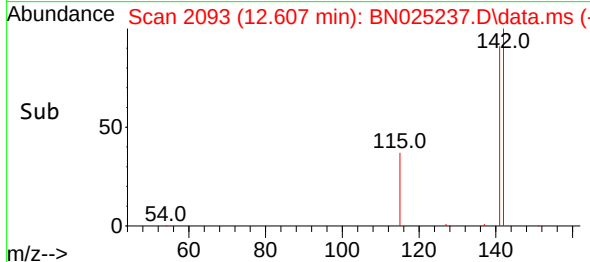
Instrument :
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Tgt Ion:142 Resp: 9336
Ion Ratio Lower Upper
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141 92.2 73.8 110.6

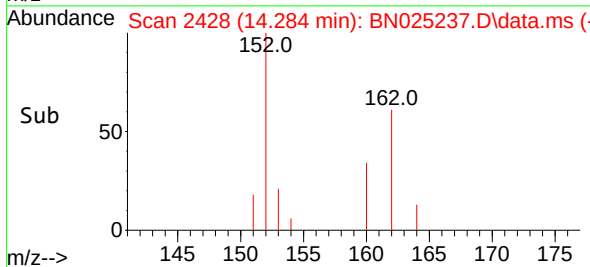
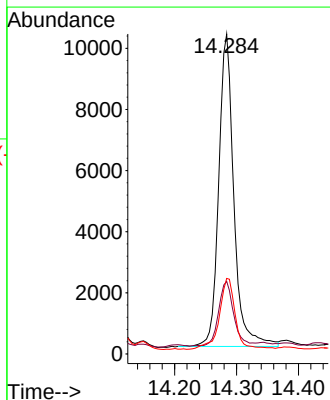
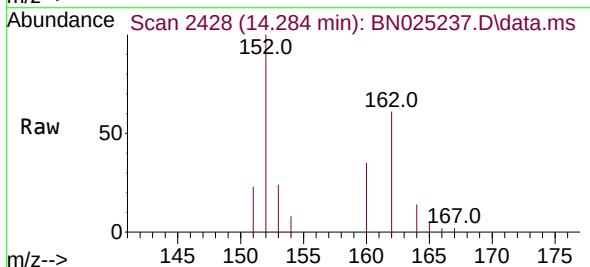
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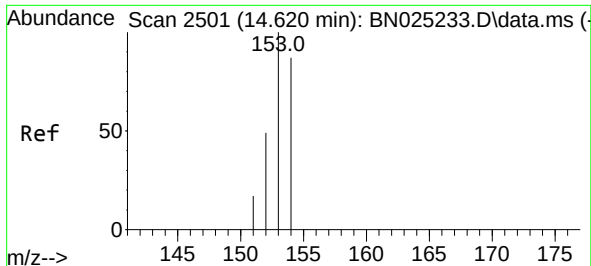
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

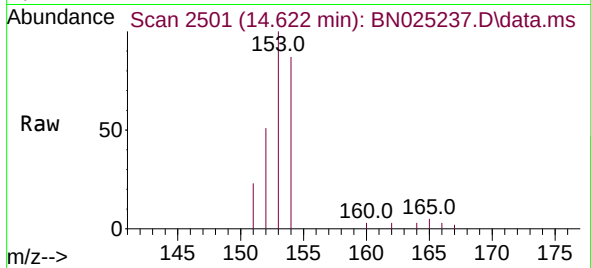
Tgt Ion:152 Resp: 17424
Ion Ratio Lower Upper
152 100
151 22.7 16.0 24.0
153 23.6 10.8 16.2#





#11
Acenaphthene
Concen: 0.180 ng/u1
RT: 14.622 min Scan# 2501
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

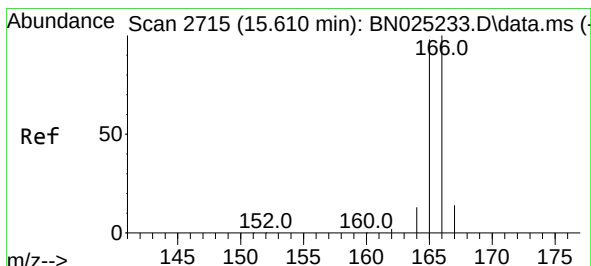
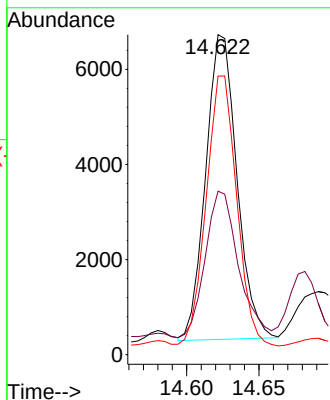
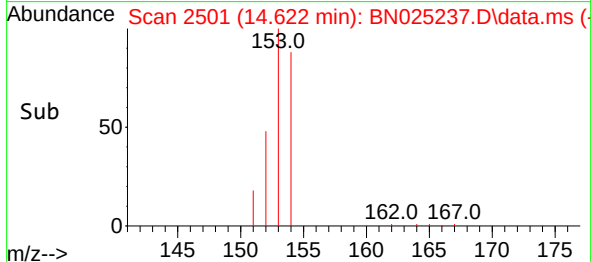
Instrument :
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ClientSampleId :
EW921DL



Tgt Ion:153 Resp: 9638
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 87.1 69.4 104.2

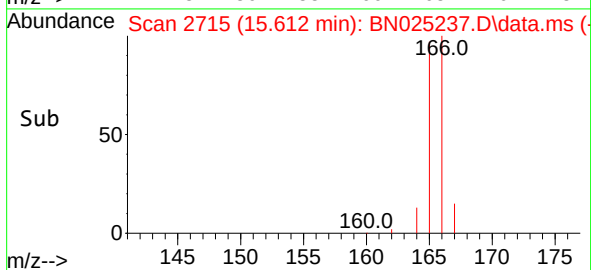
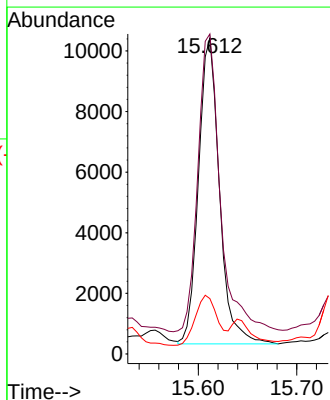
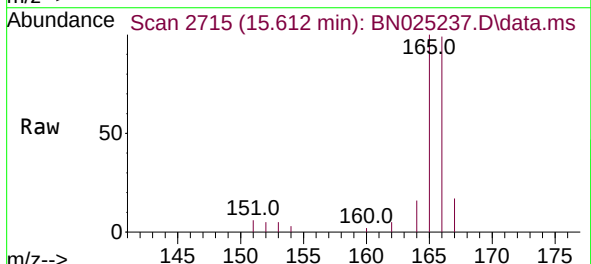
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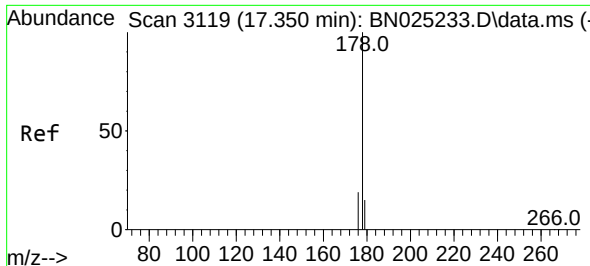
Reviewed By :Christian Giraldo 05/04/2023
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#12
Fluorene
Concen: 0.248 ng/u1
RT: 15.612 min Scan# 2715
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

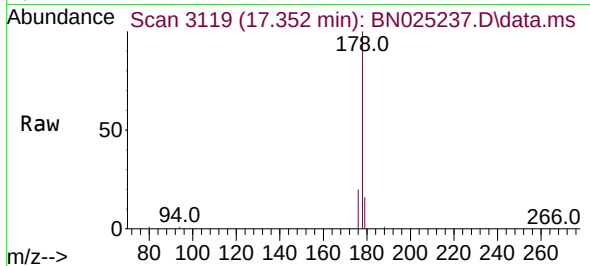
Tgt Ion:166 Resp: 14899
Ion Ratio Lower Upper
166 100
165 101.3 78.1 117.1
167 17.5 11.0 16.6#





#15
Phenanthrene
Concen: 1.685 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

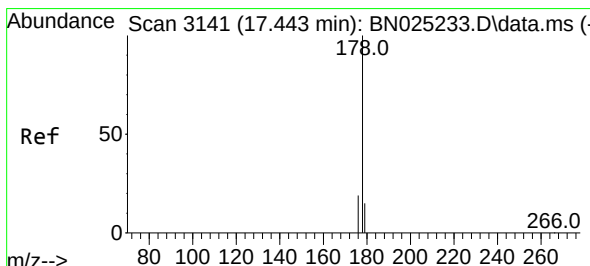
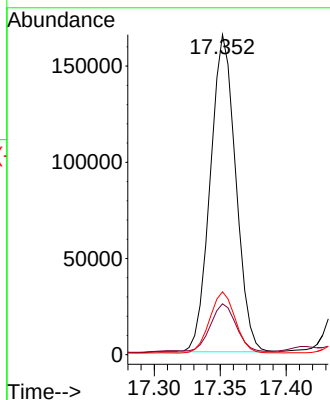
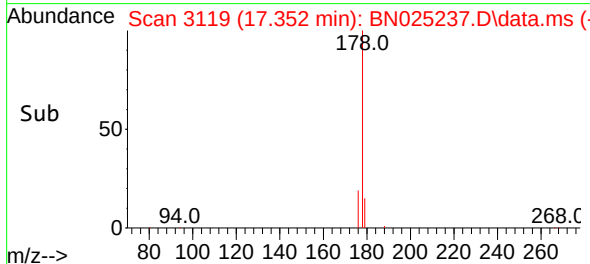
Instrument :
BNA_N
ClientSampleId :
EW921DL



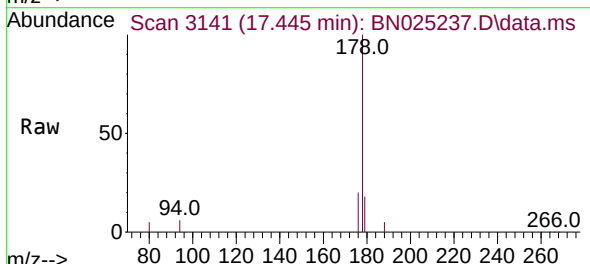
Tgt Ion:178 Resp: 221418
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.7 15.6 23.4

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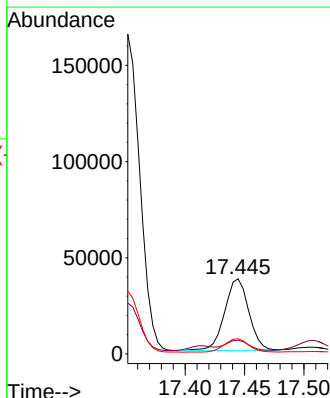
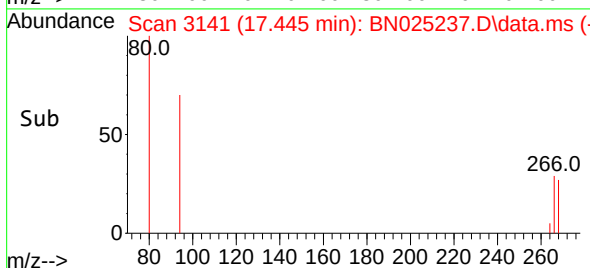
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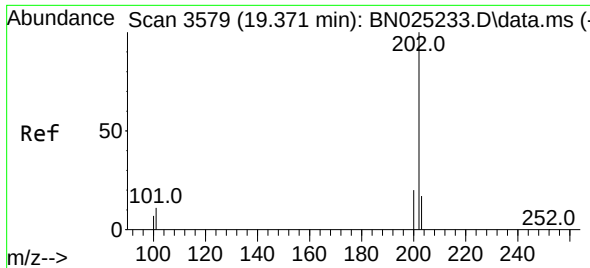


#16
Anthracene
Concen: 0.494 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35



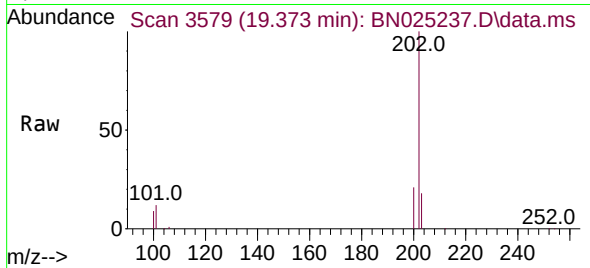
Tgt Ion:178 Resp: 53092
Ion Ratio Lower Upper
178 100
179 18.3 12.7 19.1
176 20.2 15.3 22.9





#19
Fluoranthene
Concen: 4.013 ng/u1
RT: 19.373 min Scan# 3579
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

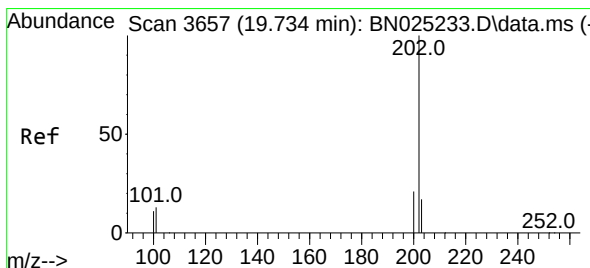
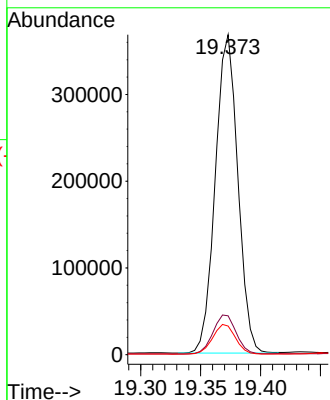
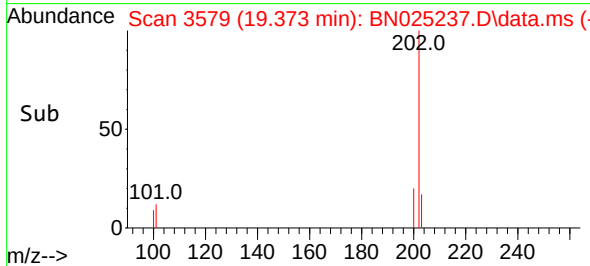
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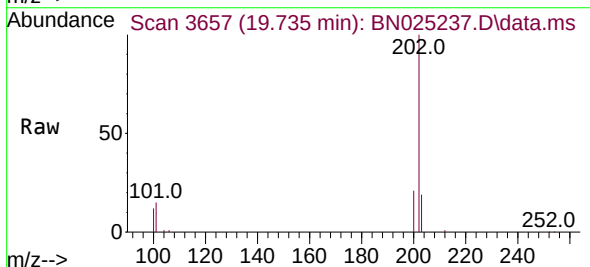
Tgt Ion:202 Resp: 480198
Ion Ratio Lower Upper
202 100
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100 9.0 7.3 10.9

Manual Integrations
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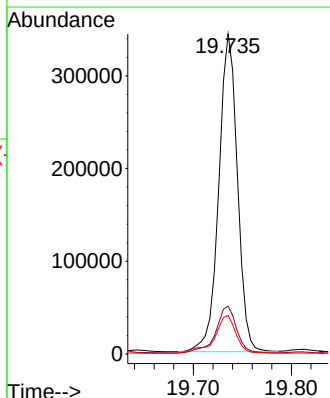
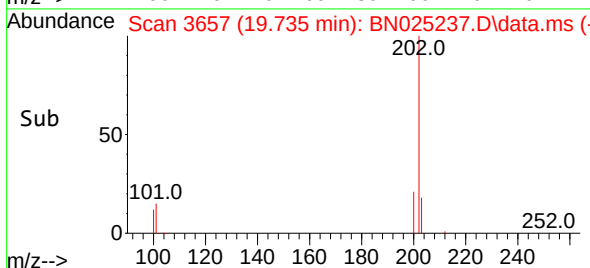
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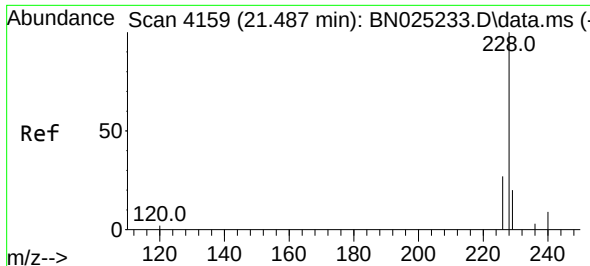


#20
Pyrene
Concen: 3.703 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35



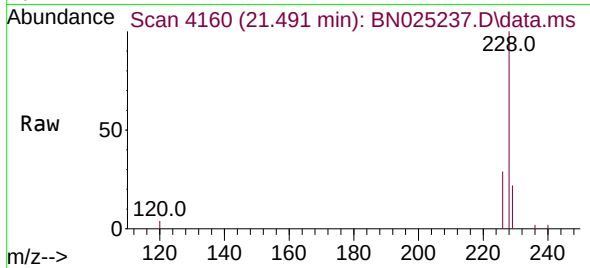
Tgt Ion:202 Resp: 455280
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.0 9.2 13.8





#21
Benzo(a)anthracene
Concen: 2.578 ng/u1
RT: 21.491 min Scan# 4159
Delta R.T. 0.004 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

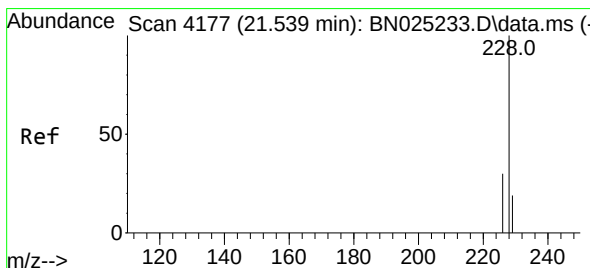
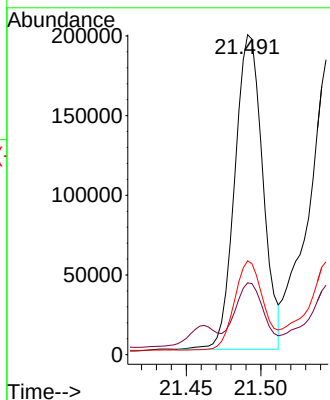
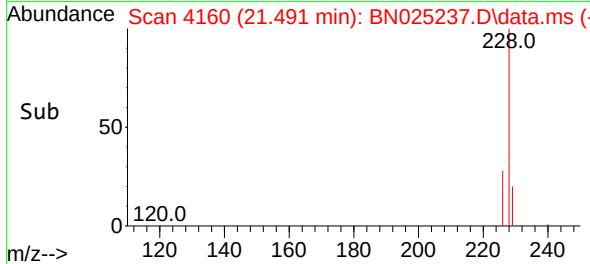
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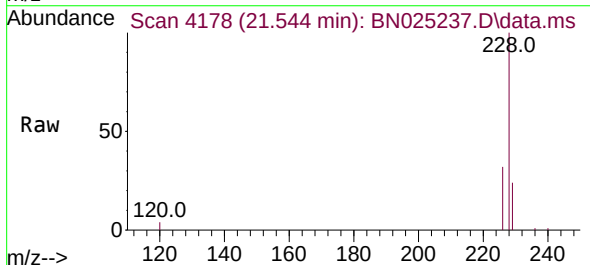
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Ion Ratio Lower Upper
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229 22.5 15.6 23.4
226 29.4 22.1 33.1

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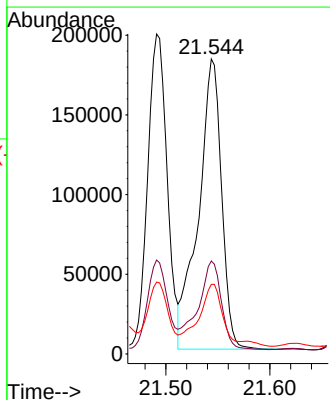
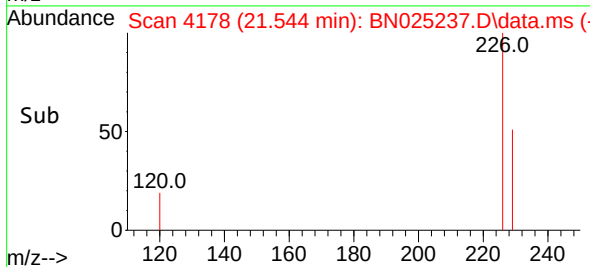
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

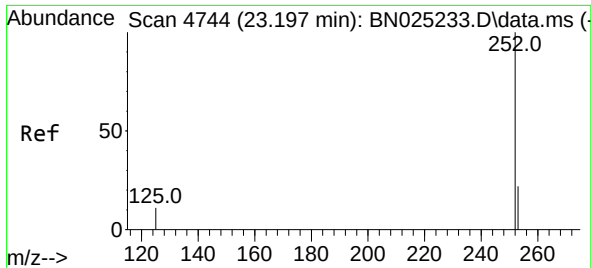


#22
Chrysene
Concen: 2.584 ng/u1
RT: 21.544 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35



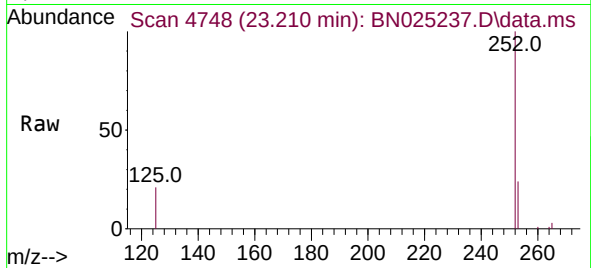
Tgt Ion:228 Resp: 281053
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 23.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.755 ng/ul m
RT: 23.210 min Scan# 4748
Delta R.T. 0.013 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

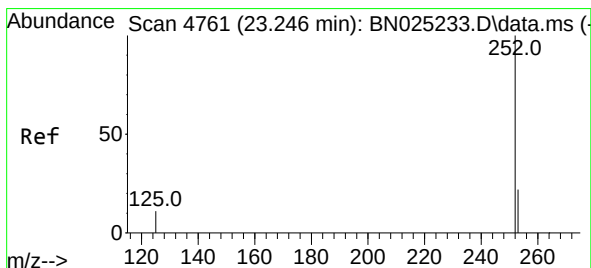
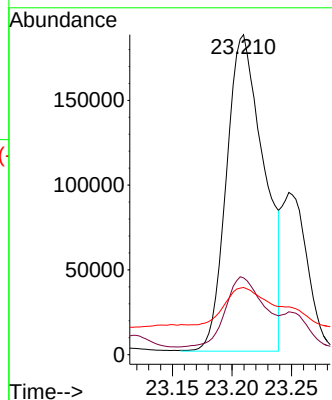
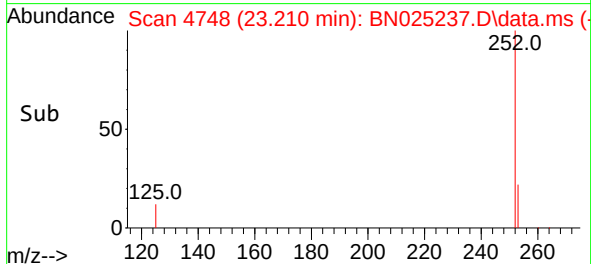
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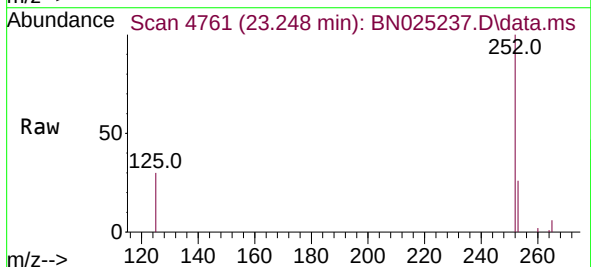
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Ion Ratio Lower Upper
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125 21.0 0.0 30.4

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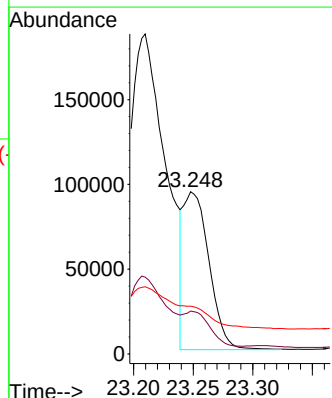
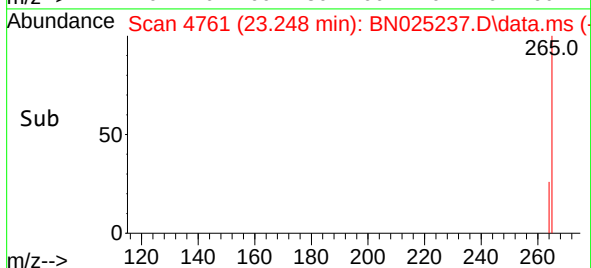
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

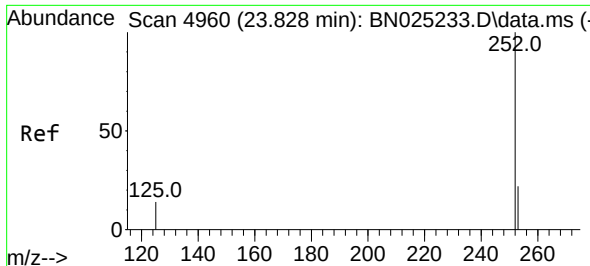


#25
Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35



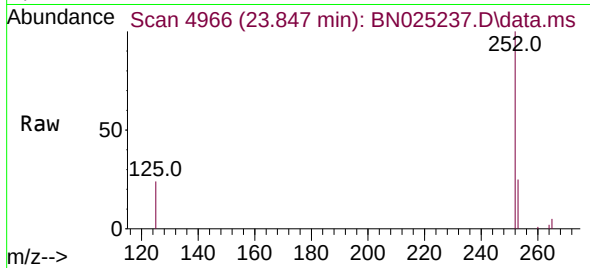
Tgt Ion:252 Resp: 139270
Ion Ratio Lower Upper
252 100
253 26.4 20.2 30.4
125 29.5 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.570 ng/ul
RT: 23.847 min Scan# 4966
Delta R.T. 0.019 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

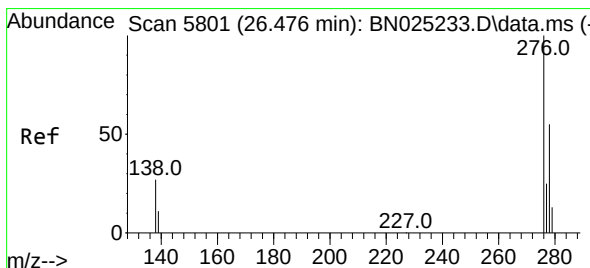
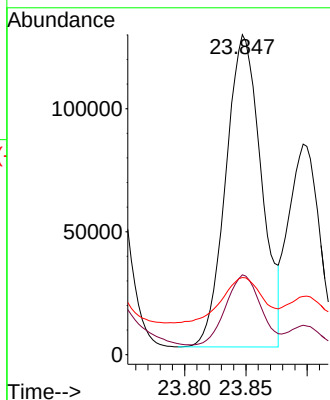
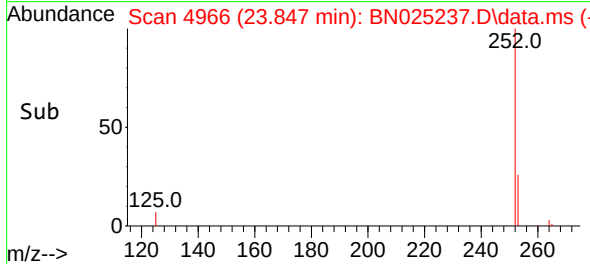
Instrument :
BNA_N
ClientSampleId :
EW921DL



Tgt Ion:252 Resp: 256120
Ion Ratio Lower Upper
252 100
253 25.0 21.4 32.2
125 24.1 14.6 22.0

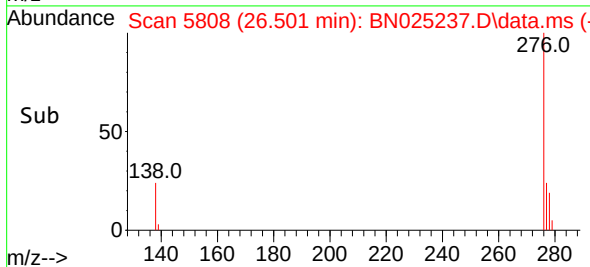
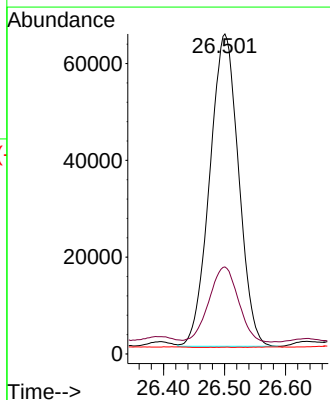
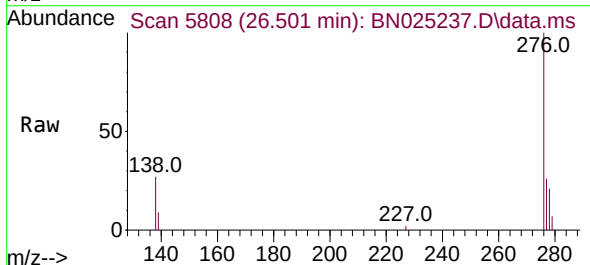
Manual Integrations
APPROVED

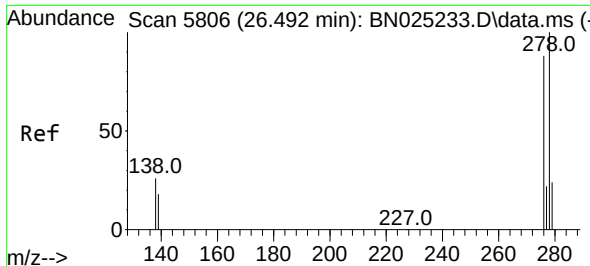
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.501 min Scan# 5808
Delta R.T. 0.025 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

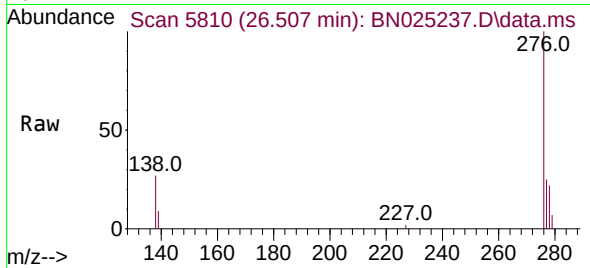
Tgt Ion:276 Resp: 212394
Ion Ratio Lower Upper
276 100
138 24.4 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul
RT: 26.507 min Scan# 5108
Delta R.T. 0.015 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

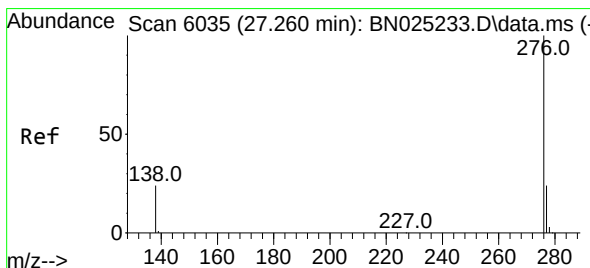
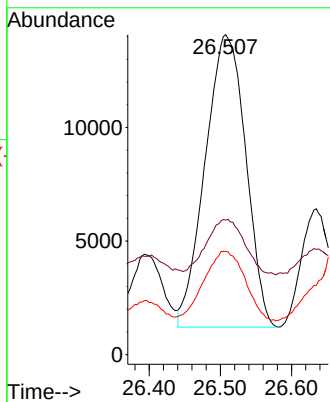
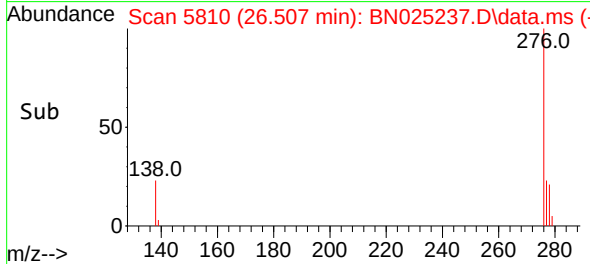
Instrument :
BNA_N
ClientSampleId :
EW921DL



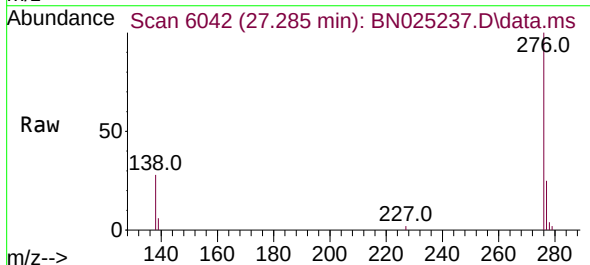
Tgt Ion:278 Resp: 5108
Ion Ratio Lower Upper
278 100
139 42.1 17.0 25.6
279 32.3 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 27.285 min Scan# 6042
Delta R.T. 0.025 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35



Tgt Ion:276 Resp: 215771
Ion Ratio Lower Upper
276 100
138 28.1 20.3 30.5
277 24.9 19.8 29.6

