

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025838.D
 Acq On : 14 Jun 2023 12:22
 Operator : MA/JU
 Sample : 02950-22DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW998DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 14 19:07:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 18:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	9067	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	27457	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.635	164	15187	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	27770	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	15205	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	15066	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	9545	1.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	2254	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	3531	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.864	128	5279	0.076	ng/ul#	94
7) 2-Methylnaphthalene	12.475	142	9609	0.229	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	17899	0.387	ng/ul	100
10) Acenaphthylene	14.357	152	10914	0.182	ng/ul#	89
11) Acenaphthene	14.700	153	30206	0.603	ng/ul	98
12) Fluorene	15.680	166	22069	0.396	ng/ul	98
15) Phenanthrene	17.423	178	147489	1.821	ng/ul	99
16) Anthracene	17.511	178	39903	0.583	ng/ul	100
19) Fluoranthene	19.433	202	84983	1.222	ng/ul	98
20) Pyrene	19.796	202	125774	1.747	ng/ul	99
21) Benzo(a)anthracene	21.541	228	39141	0.807	ng/ul	93
22) Chrysene	21.596	228	44470	0.802	ng/ul	96
24) Benzo(b)fluoranthene	23.271	252	30022m	0.487	ng/ul	
25) Benzo(k)fluoranthene	23.315	252	10525m	0.170	ng/ul	
26) Benzo(a)pyrene	23.911	252	32055	0.614	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.601	276	14655	0.246	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.608	278	4416	0.098	ng/ul#	74
29) Benzo(g,h,i)perylene	27.396	276	15347	0.287	ng/ul	96

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

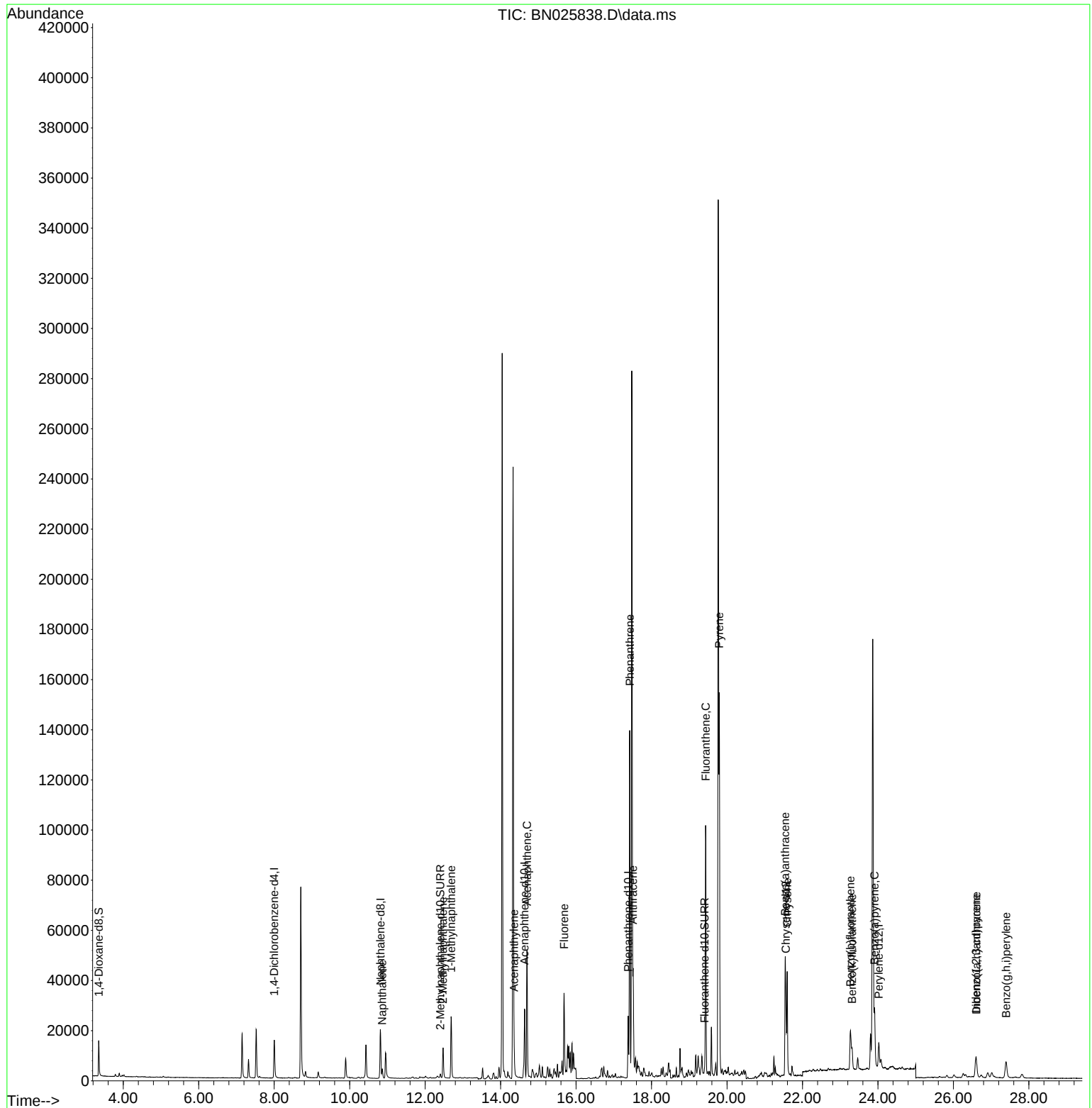
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025838.D
Acq On : 14 Jun 2023 12:22
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ALS Vial : 44 Sample Multiplier: 1

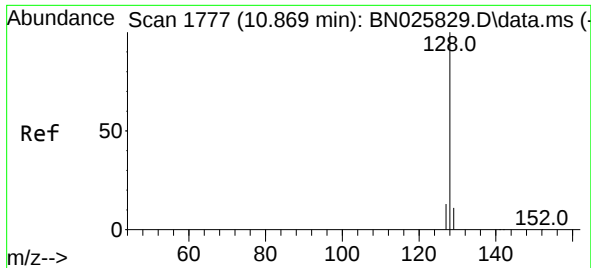
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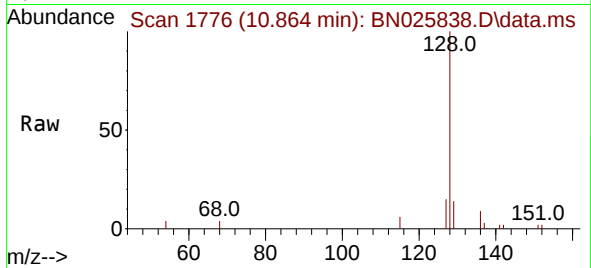
Quant Time: Jun 14 19:07:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 18:25:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

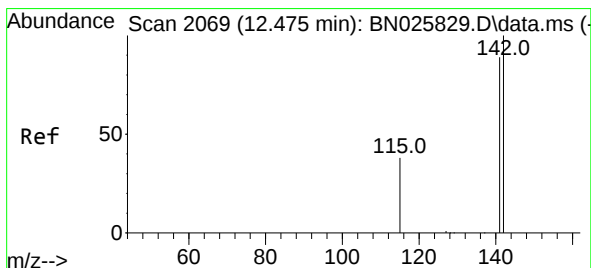
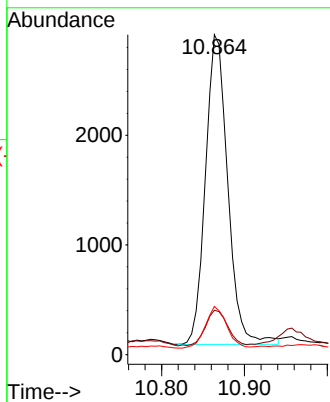
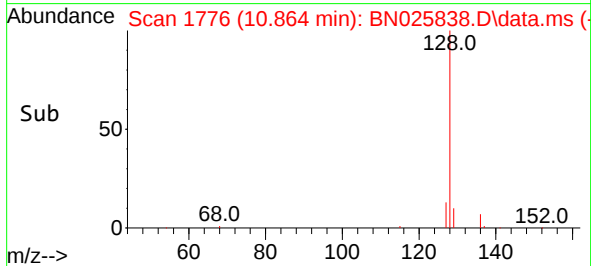
Instrument :
BNA_N
ClientSampleId :
EW998DL



Tgt Ion:128 Resp: 5279
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7
127 15.0 10.5 15.7

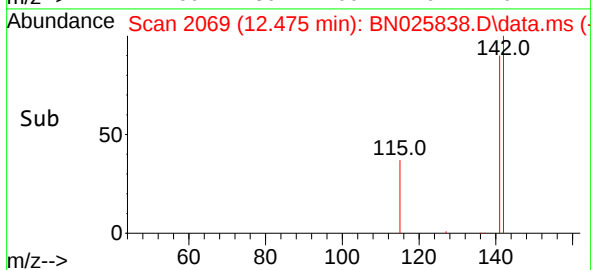
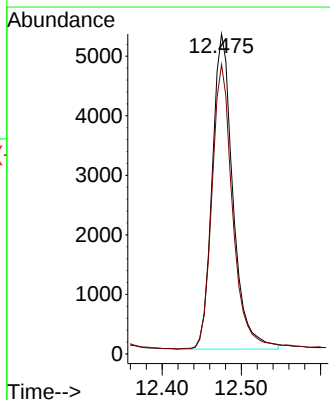
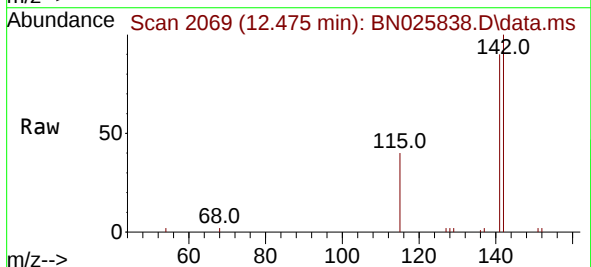
Manual Integrations
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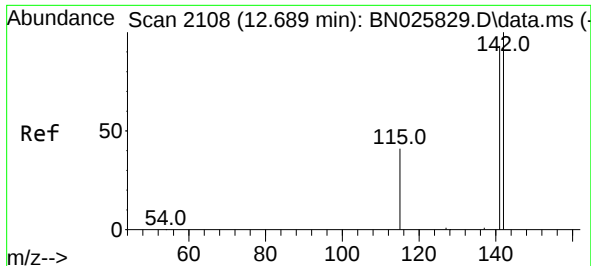
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.229 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

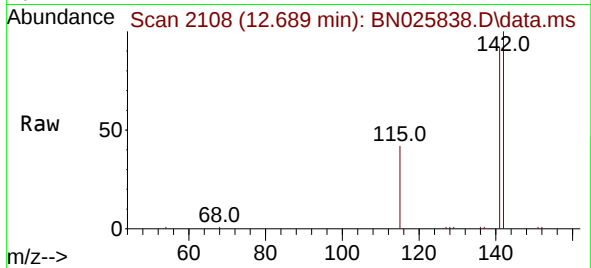
Tgt Ion:142 Resp: 9609
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

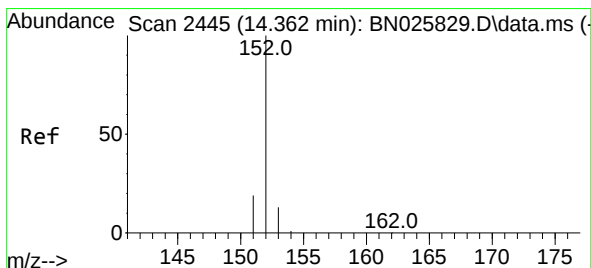
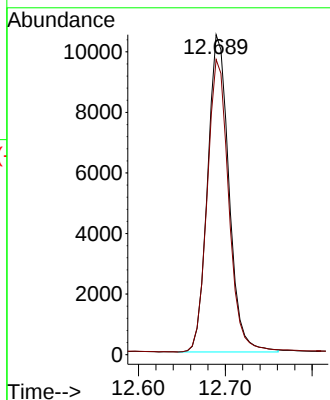
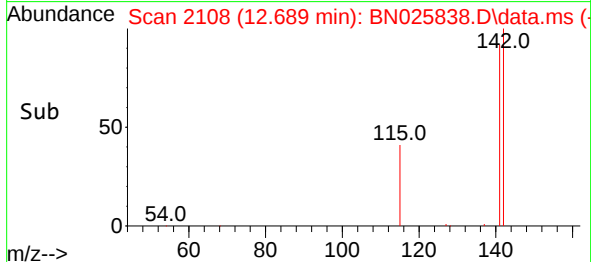
Instrument :
BNA_N
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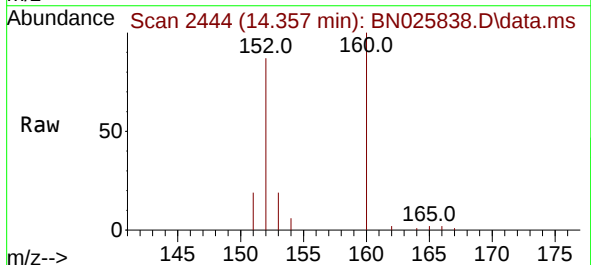
Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
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141 92.8 74.0 111.0

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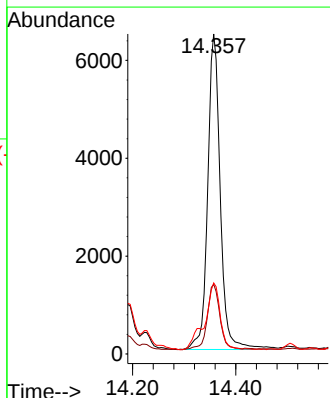
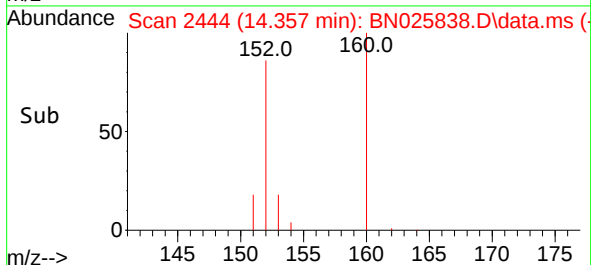
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

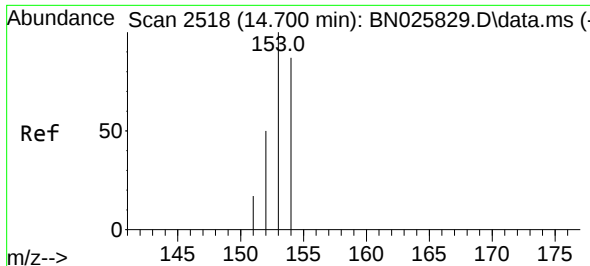


#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22



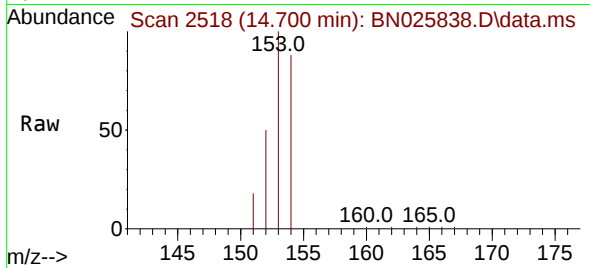
Tgt Ion:152 Resp: 10914
Ion Ratio Lower Upper
152 100
151 21.8 16.0 24.0
153 22.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.603 ng/u1
RT: 14.700 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

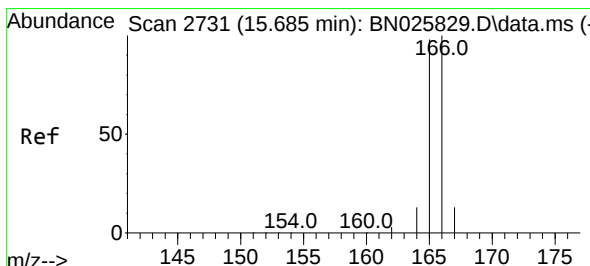
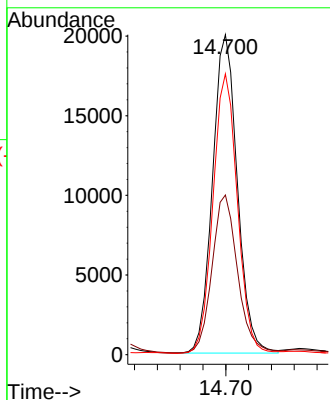
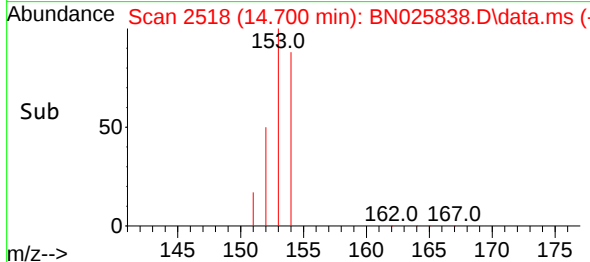
Instrument :
BNA_N
ClientSampleId :
EW998DL



Tgt Ion:153 Resp: 30200
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 87.8 68.8 103.2

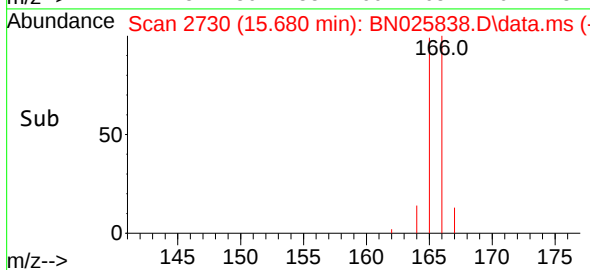
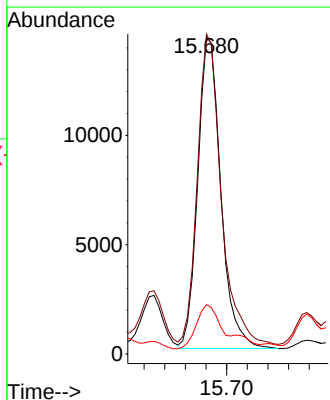
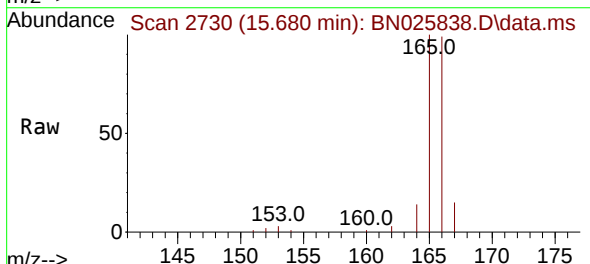
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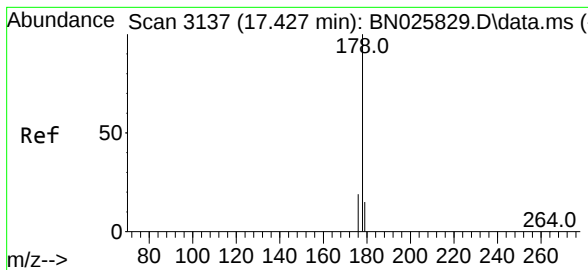
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.396 ng/u1
RT: 15.680 min Scan# 2730
Delta R.T. -0.004 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

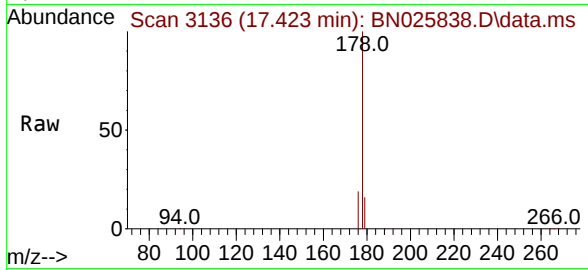
Tgt Ion:166 Resp: 22069
Ion Ratio Lower Upper
166 100
165 100.9 79.2 118.8
167 15.5 11.0 16.6





#15
Phenanthrene
Concen: 1.821 ng/u1
RT: 17.423 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

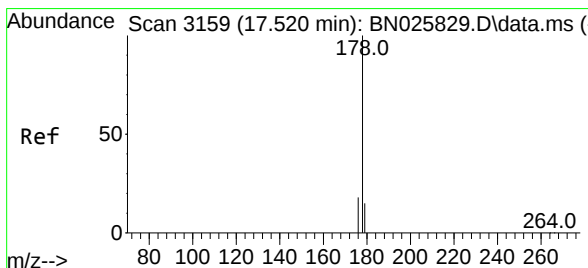
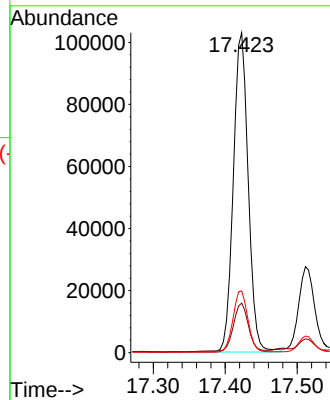
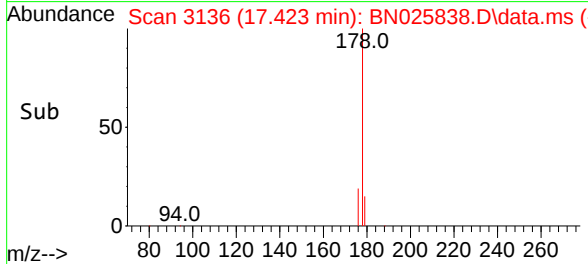
Instrument :
BNA_N
ClientSampleId :
EW998DL



Tgt Ion:178 Resp: 147489
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.8 23.8

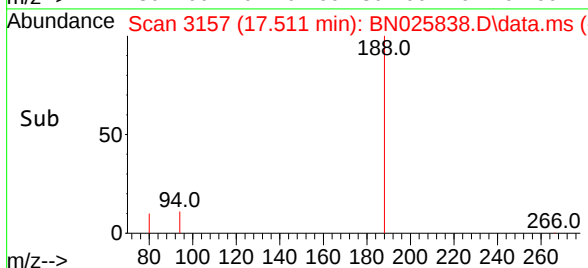
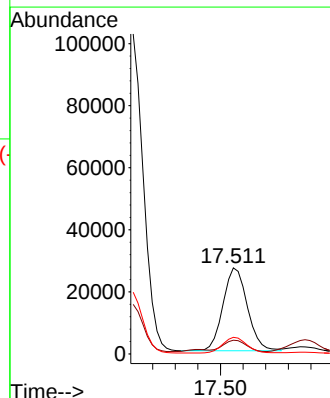
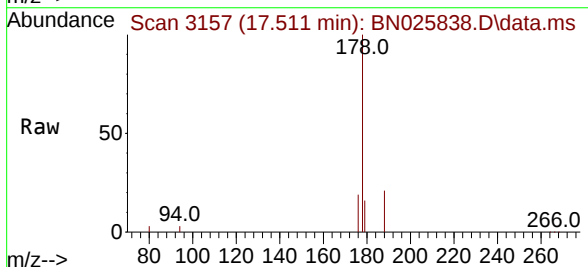
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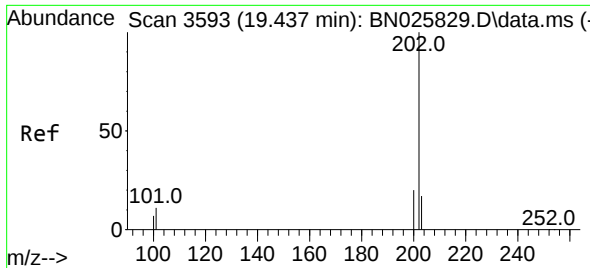
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.583 ng/u1
RT: 17.511 min Scan# 3157
Delta R.T. -0.008 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

Tgt Ion:178 Resp: 39903
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.3 15.4 23.2





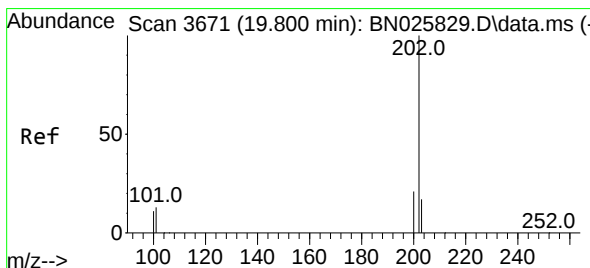
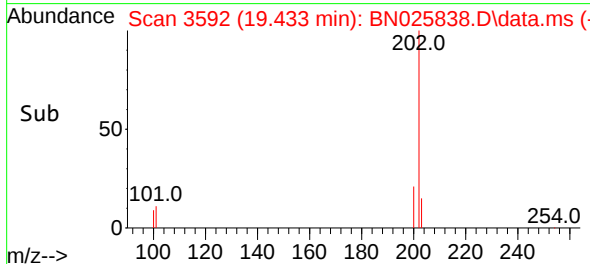
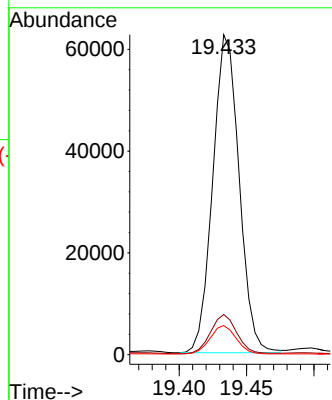
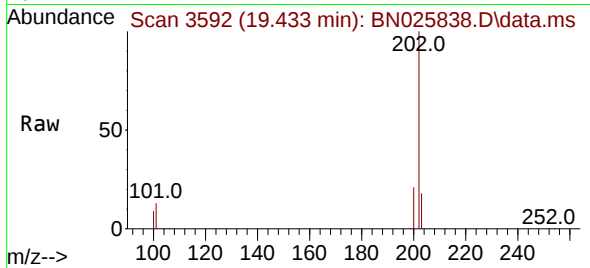
#19
Fluoranthene
Concen: 1.222 ng/ul
RT: 19.433 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

Instrument :
BNA_N
ClientSampleId :
EW998DL

Tgt Ion:202 Resp: 8498
Ion Ratio Lower Upper
202 100
101 12.5 9.1 13.7
100 9.1 7.0 10.6

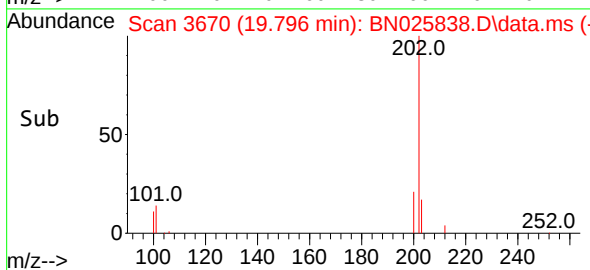
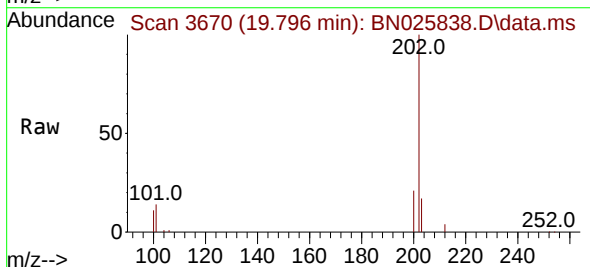
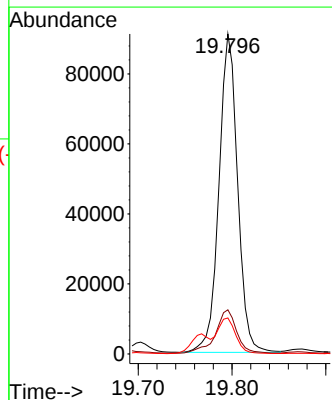
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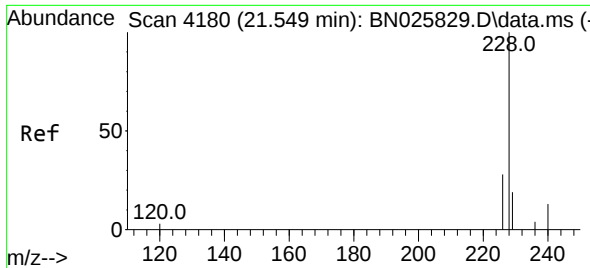
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 1.747 ng/ul
RT: 19.796 min Scan# 3670
Delta R.T. -0.004 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

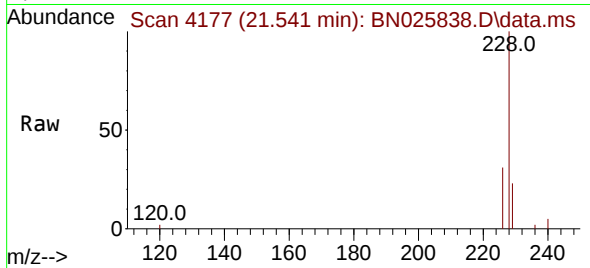
Tgt Ion:202 Resp: 125774
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 11.2 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.807 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.008 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

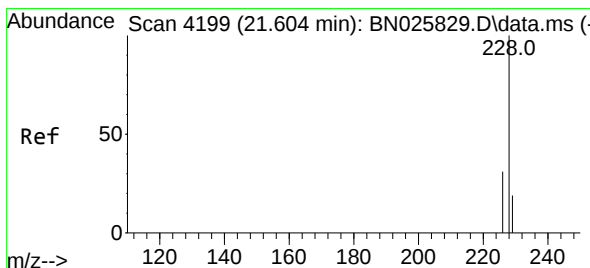
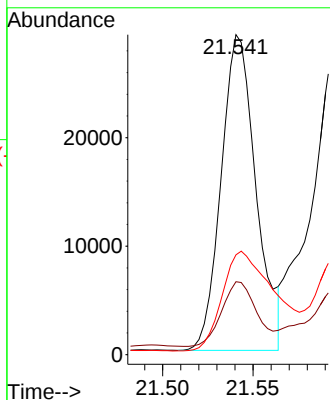
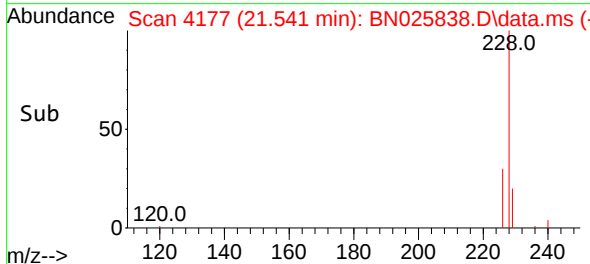
Instrument :
BNA_N
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EW998DL



Tgt Ion:228 Resp: 3914
Ion Ratio Lower Upper
228 100
229 22.8 15.5 23.3
226 31.2 22.0 33.0

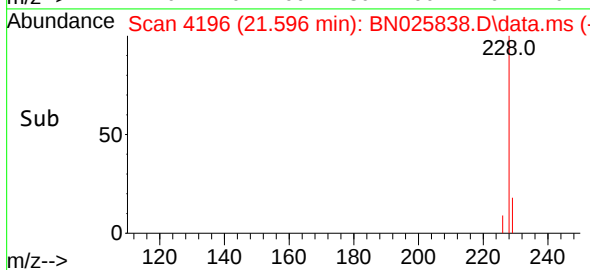
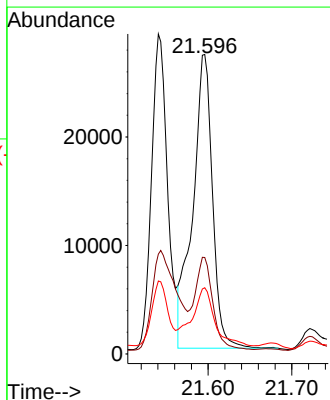
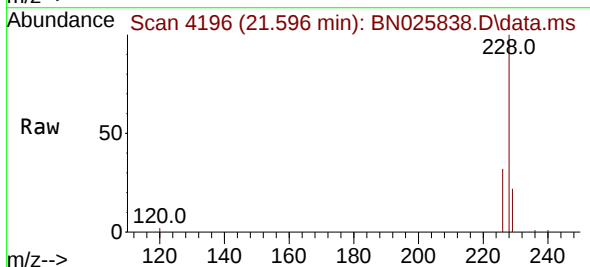
Manual Integrations
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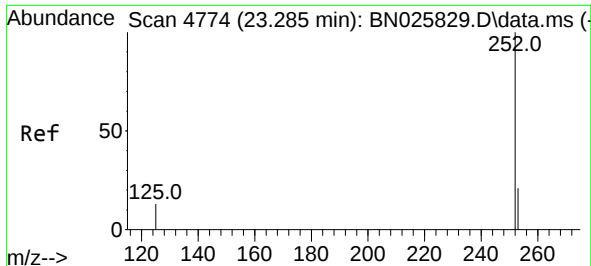
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 0.802 ng/ul
RT: 21.596 min Scan# 4196
Delta R.T. -0.008 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

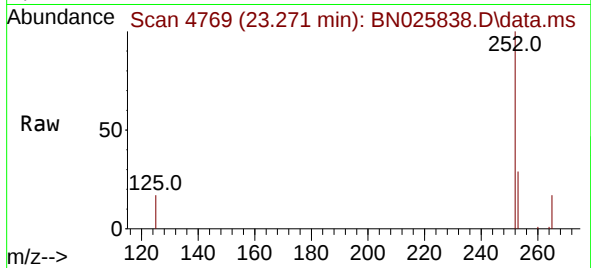
Tgt Ion:228 Resp: 44470
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.487 ng/ul m
RT: 23.271 min Scan# 4769
Delta R.T. -0.014 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

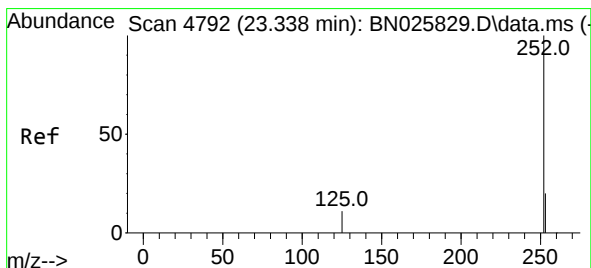
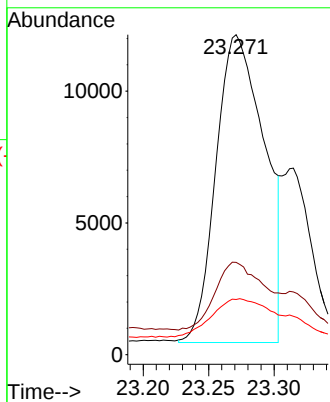
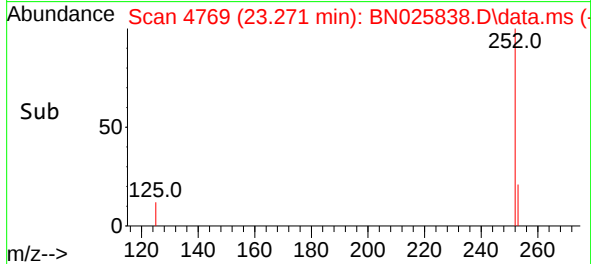
Instrument :
BNA_N
ClientSampleId :
EW998DL



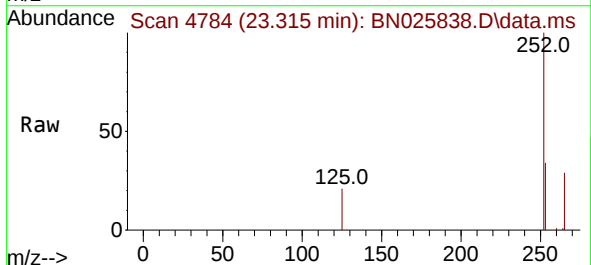
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Ion Ratio Lower Upper
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253 28.9 0.0 56.0
125 17.2 0.0 28.0

Manual Integrations
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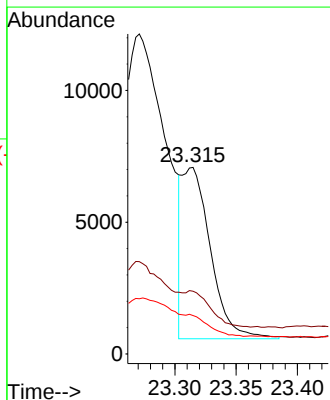
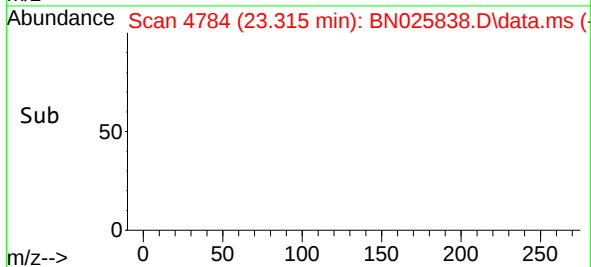
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

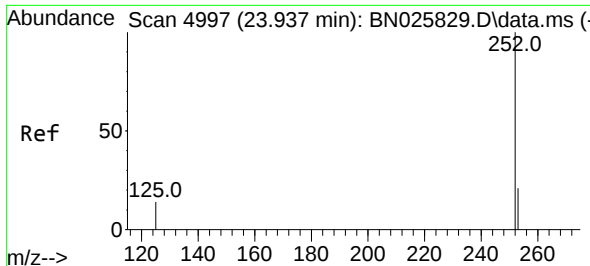


#25
Benzo(k)fluoranthene
Concen: 0.170 ng/ul m
RT: 23.315 min Scan# 4784
Delta R.T. -0.023 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22



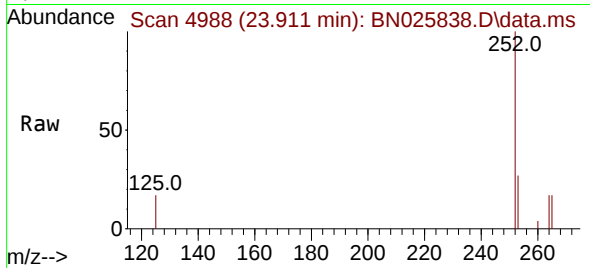
Tgt Ion:252 Resp: 10525
Ion Ratio Lower Upper
252 100
253 33.6 23.3 34.9
125 20.6 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.614 ng/ul
RT: 23.911 min Scan# 4997
Delta R.T. -0.026 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

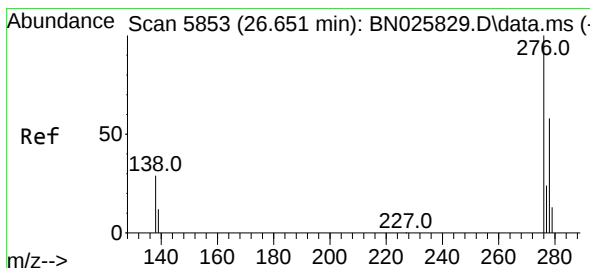
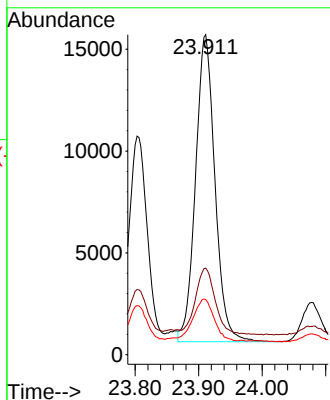
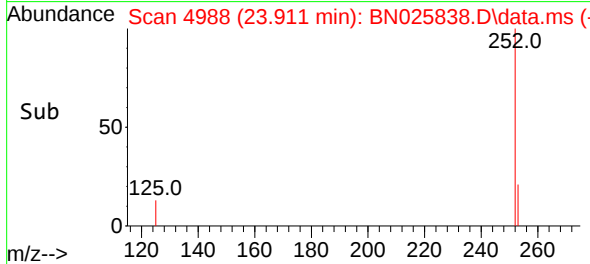
Instrument :
BNA_N
ClientSampleId :
EW998DL



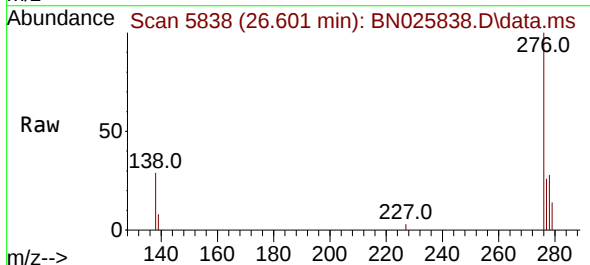
Tgt Ion:252 Resp: 3205
Ion Ratio Lower Upper
252 100
253 27.1 25.8 38.8
125 17.2 13.5 20.3

Manual Integrations
APPROVED

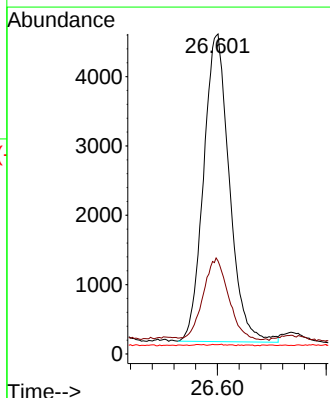
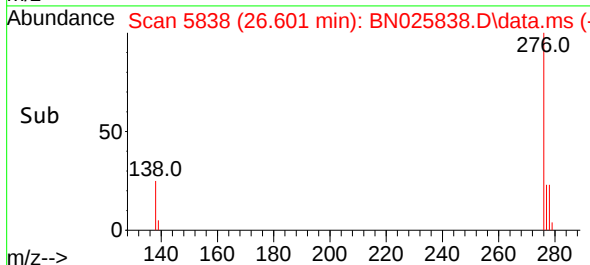
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

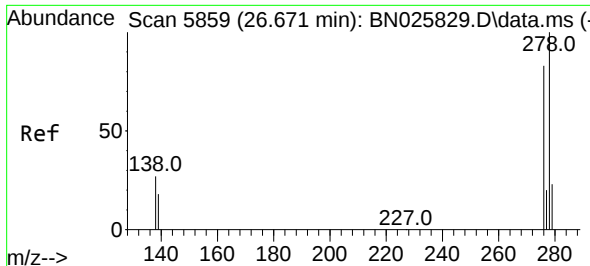


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.050 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22



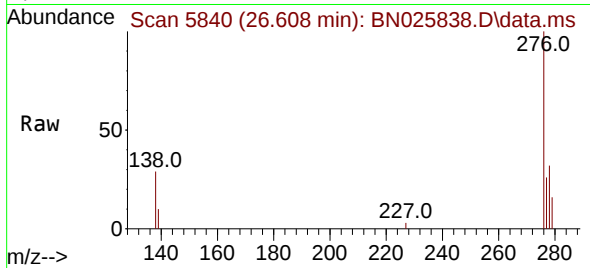
Tgt Ion:276 Resp: 14655
Ion Ratio Lower Upper
276 100
138 25.8 24.6 36.8
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.063 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22

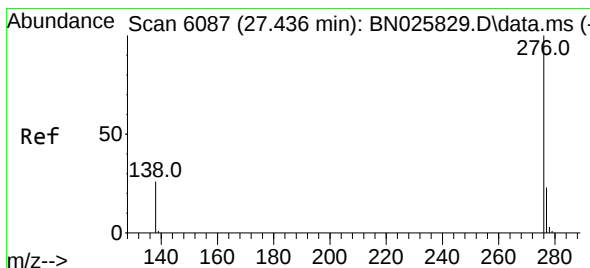
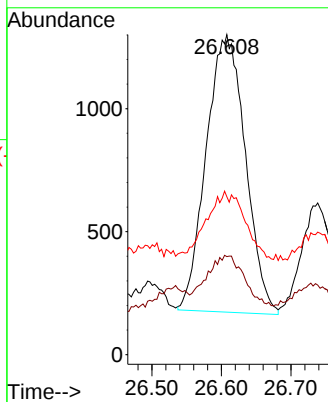
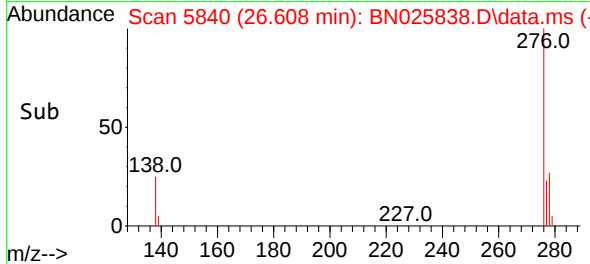
Instrument :
BNA_N
ClientSampleId :
EW998DL



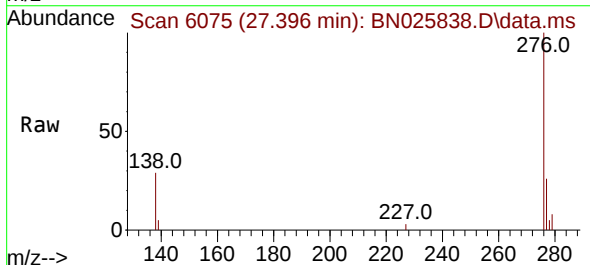
Tgt Ion:278 Resp: 4410
Ion Ratio Lower Upper
278 100
139 30.7 17.9 26.9
279 49.3 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.287 ng/ul
RT: 27.396 min Scan# 6075
Delta R.T. -0.040 min
Lab File: BN025838.D
Acq: 14 Jun 2023 12:22



Tgt Ion:276 Resp: 15347
Ion Ratio Lower Upper
276 100
138 29.1 21.8 32.8
277 26.1 19.4 29.2

