

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025811.D
 Acq On : 13 Jun 2023 17:57
 Operator : MA/JU
 Sample : 02950-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW998

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 23:17:55 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 : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	27778	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	17276	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	30407	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	15878	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	16739	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	43490	4.917	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	11682	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	19341	0.386	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.869	128	25321	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	49874	1.173	ng/ul	100
8) 1-Methylnaphthalene	12.690	142	90268	1.930	ng/ul	100
10) Acenaphthylene	14.362	152	48394	0.709	ng/ul#	90
11) Acenaphthene	14.700	153	153899	2.701	ng/ul	99
12) Fluorene	15.685	166	112746	1.776	ng/ul	99
15) Phenanthrene	17.423	178	732870	8.264	ng/ul	99
16) Anthracene	17.516	178	209281	2.795	ng/ul	100
19) Fluoranthene	19.438	202	434509	5.983	ng/ul	98
20) Pyrene	19.800	202	600245	7.984	ng/ul	98
21) Benzo(a)anthracene	21.547	228	207221	4.093	ng/ul	93
22) Chrysene	21.602	228	219576	3.792	ng/ul	97
24) Benzo(b)fluoranthene	23.286	252	155669m	2.274	ng/ul	
25) Benzo(k)fluoranthene	23.329	252	45768m	0.667	ng/ul	
26) Benzo(a)pyrene	23.938	252	160800	2.771	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.641	276	75684	1.144	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.651	278	23542	0.470	ng/ul	96
29) Benzo(g,h,i)perylene	27.446	276	77792	1.311	ng/ul	99

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

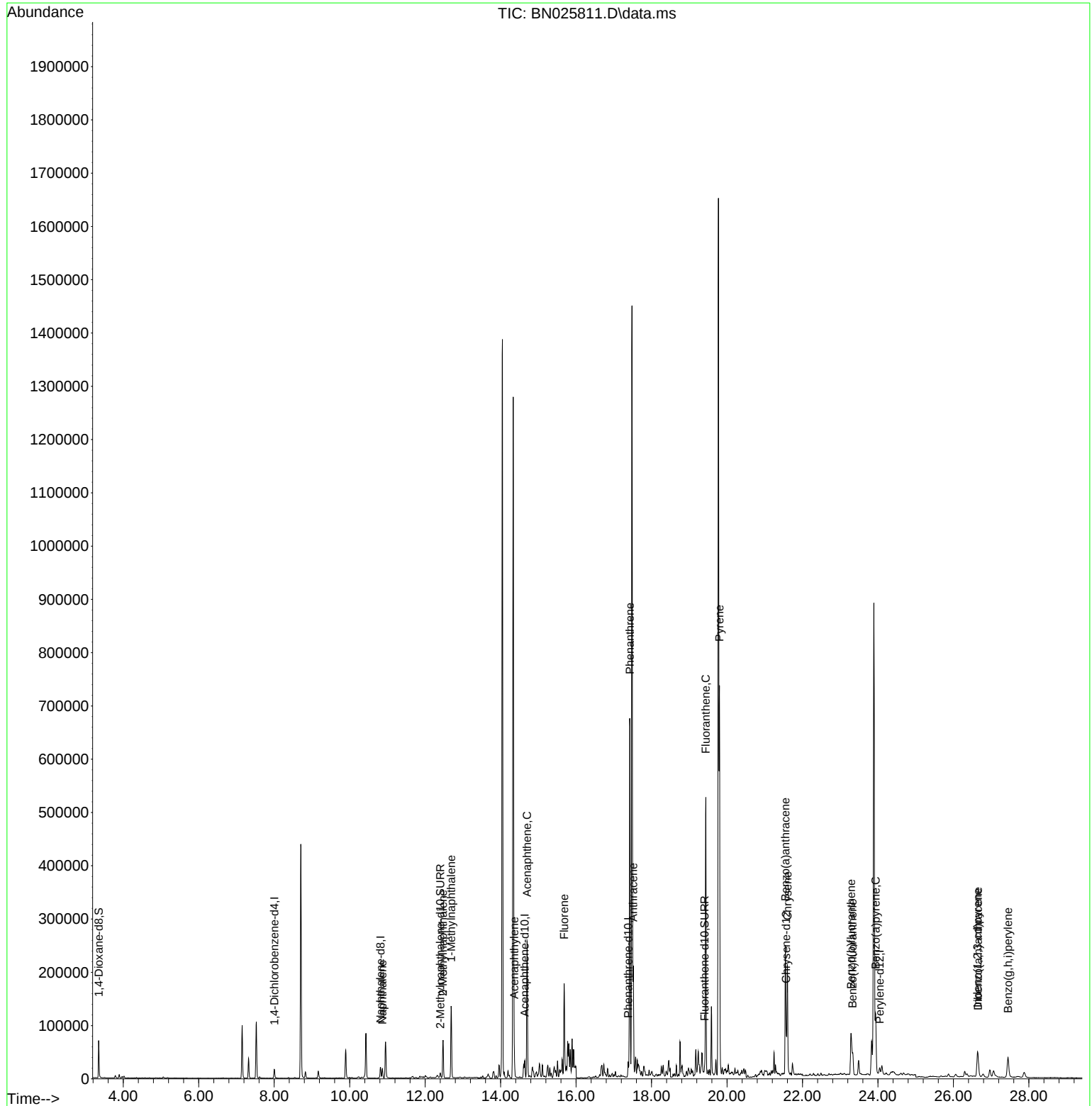
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025811.D
Acq On : 13 Jun 2023 17:57
Operator : MA/JU
Sample : 02950-22
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ALS Vial : 17 Sample Multiplier: 1

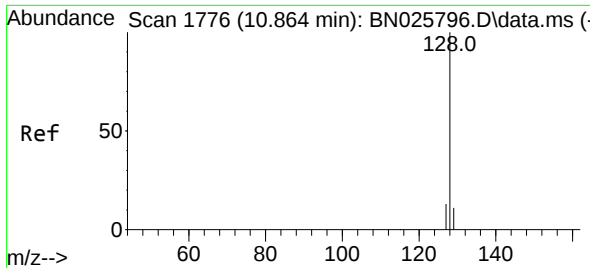
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Supervised By :mohammad ahmed 06/14/2023

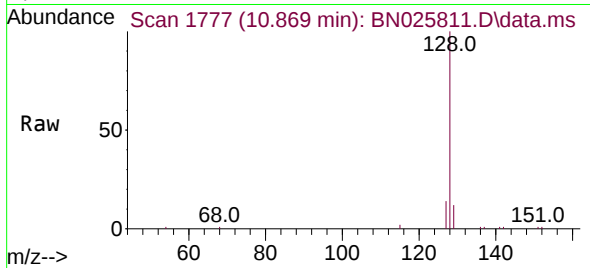
Quant Time: Jun 13 23:17:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

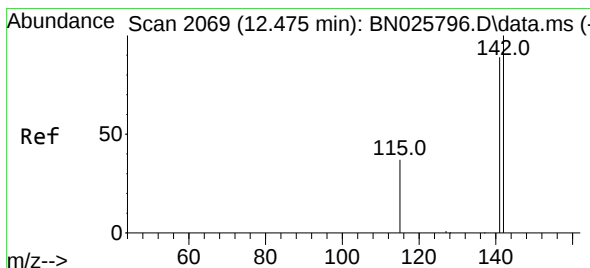
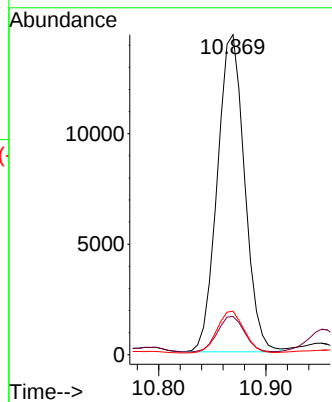
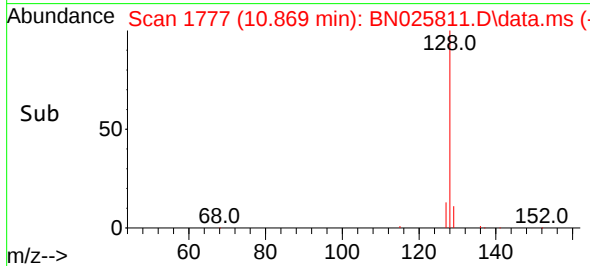
Instrument :
BNA_N
ClientSampleId :
EW998



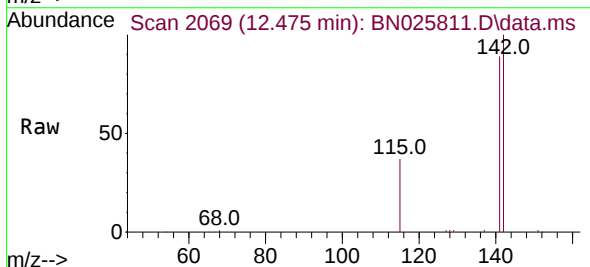
Tgt Ion:128 Resp: 2532
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.6 10.5 15.7

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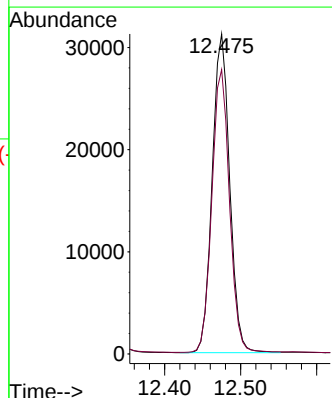
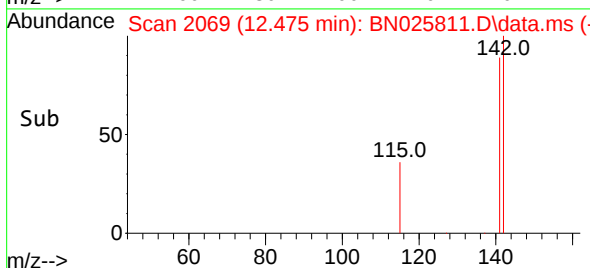
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

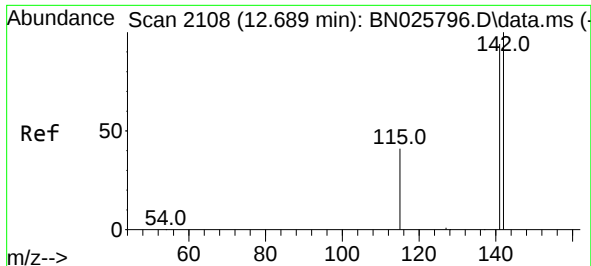


#7
2-Methylnaphthalene
Concen: 1.173 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57



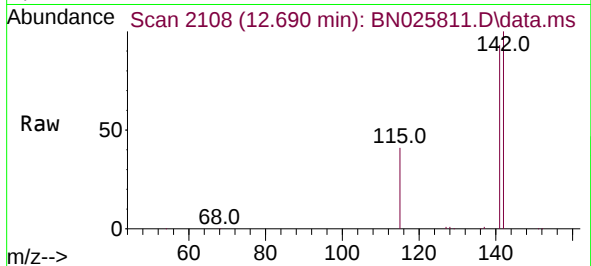
Tgt Ion:142 Resp: 49874
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2





#8
1-Methylnaphthalene
Concen: 1.930 ng/ul
RT: 12.690 min Scan# 2108
Delta R.T. -0.010 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

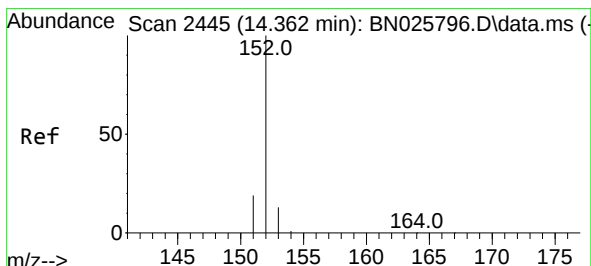
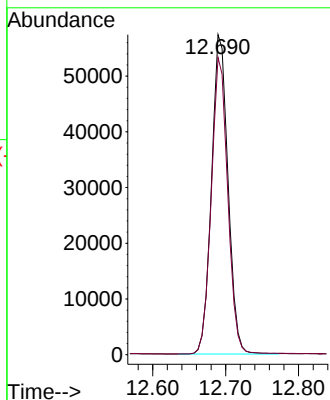
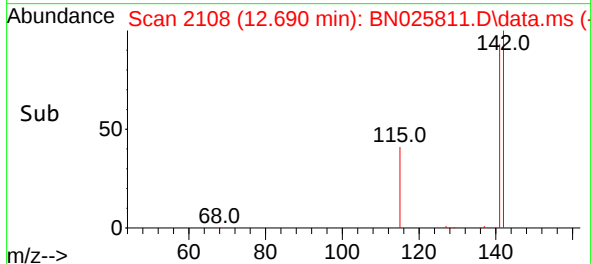
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Tgt Ion:142 Resp: 90268
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0

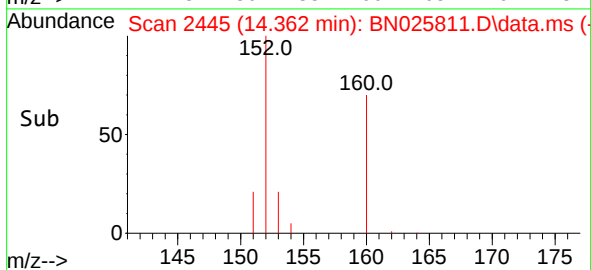
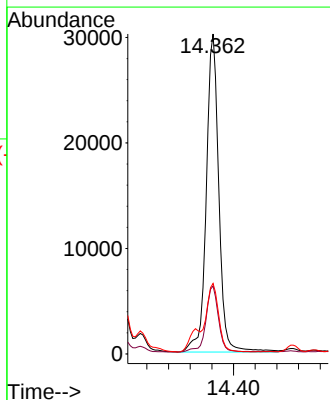
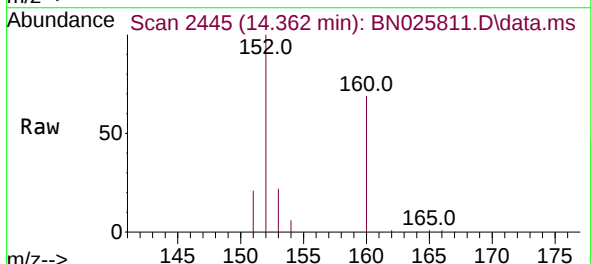
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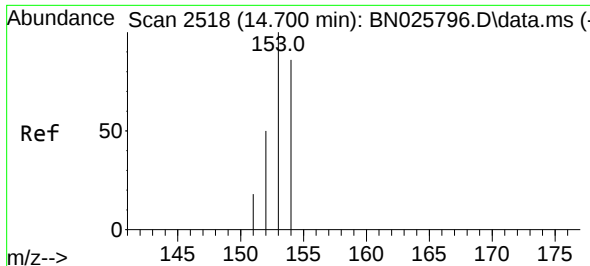
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.709 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

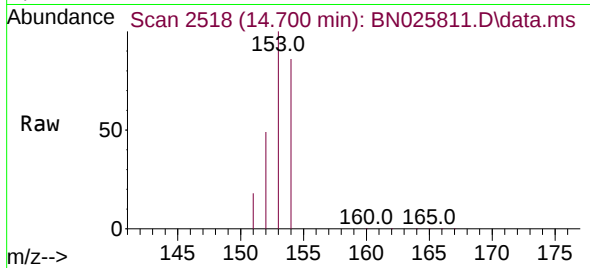
Tgt Ion:152 Resp: 48394
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 22.1 10.7 16.1#





#11
Acenaphthene
Concen: 2.701 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

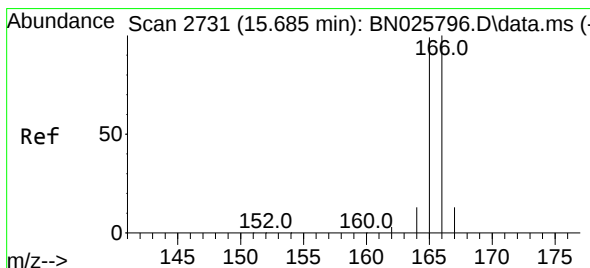
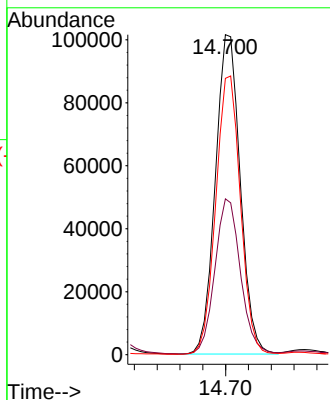
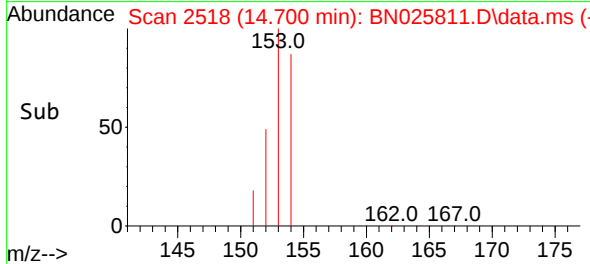
Instrument :
BNA_N
ClientSampleId :
EW998



Tgt Ion:153 Resp: 153899
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 86.4 68.8 103.2

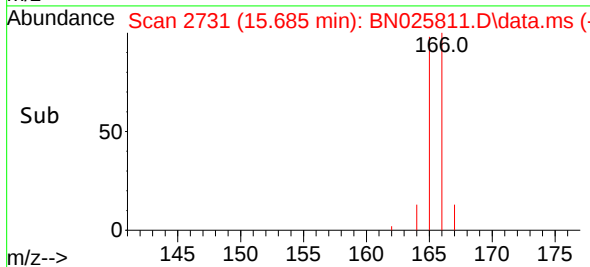
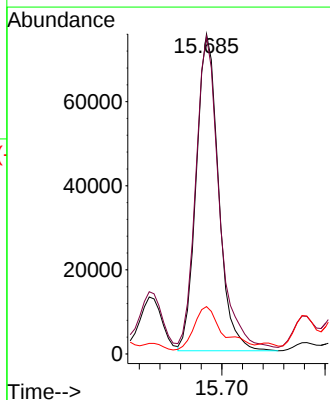
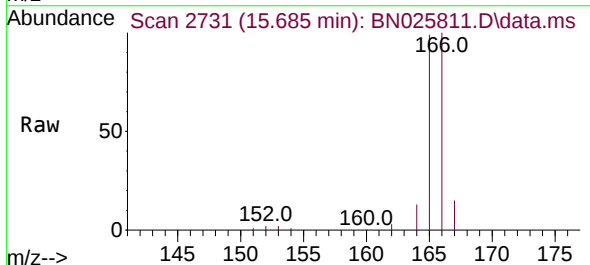
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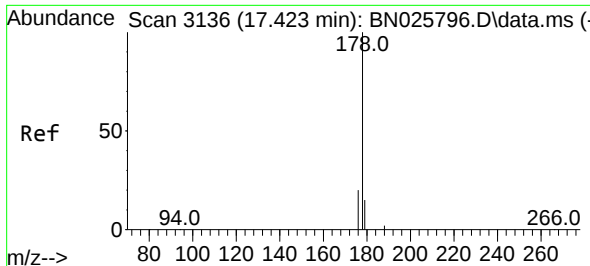
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 1.776 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

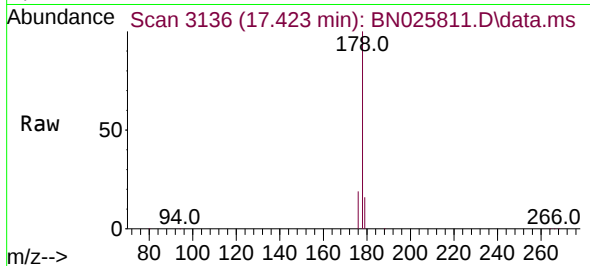
Tgt Ion:166 Resp: 112746
Ion Ratio Lower Upper
166 100
165 99.3 79.2 118.8
167 14.8 11.0 16.6





#15
Phenanthrene
Concen: 8.264 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

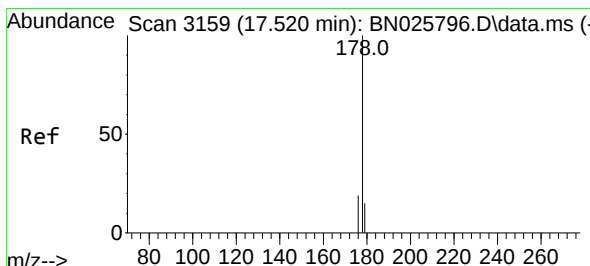
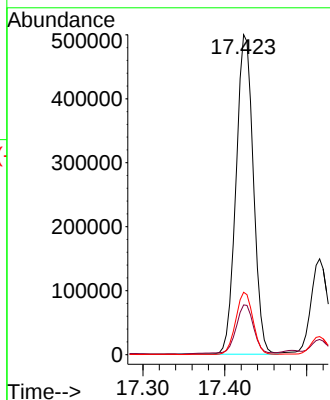
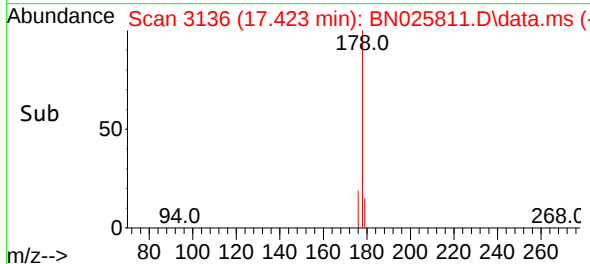
Instrument :
BNA_N
ClientSampleId :
EW998



Tgt Ion:178 Resp: 732870
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.5 15.8 23.8

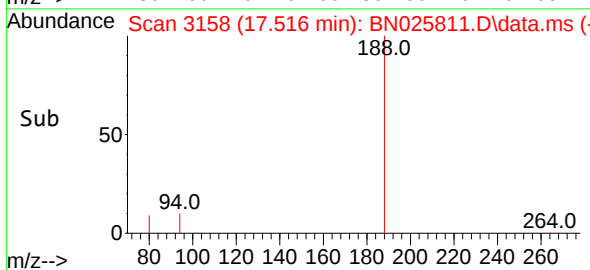
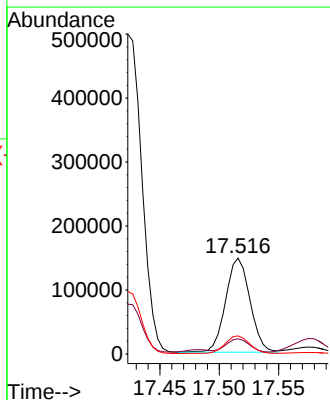
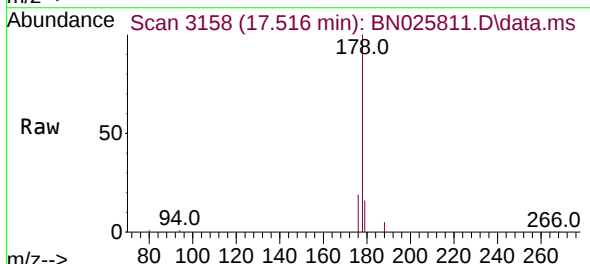
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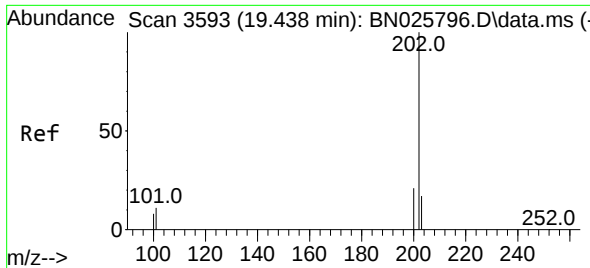
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 2.795 ng/ul
RT: 17.516 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

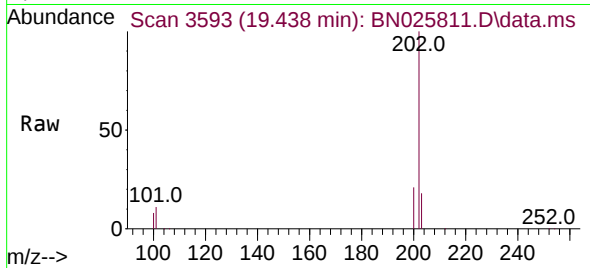
Tgt Ion:178 Resp: 209281
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.9 15.4 23.2





#19
Fluoranthene
Concen: 5.983 ng/u1
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

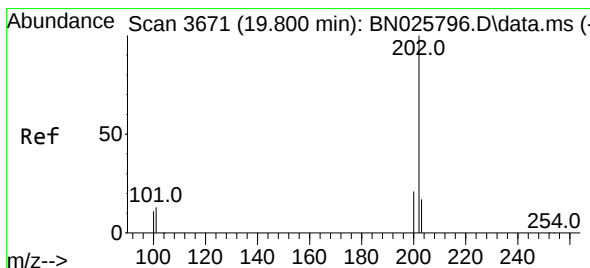
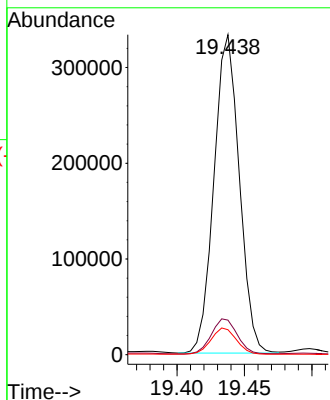
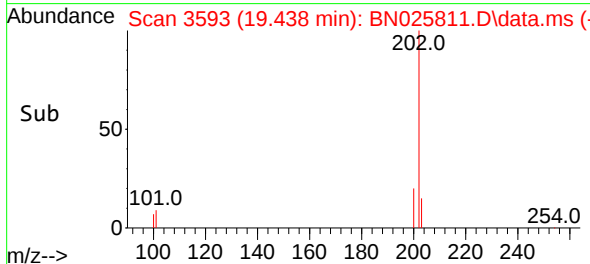
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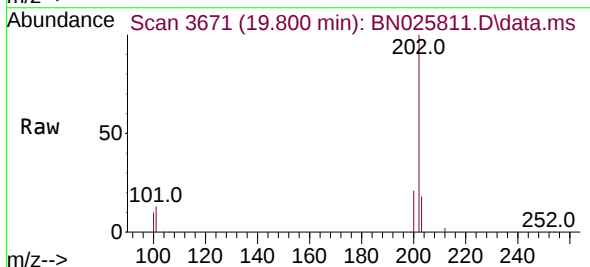
Tgt Ion:202 Resp: 434509
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 7.8 7.0 10.6

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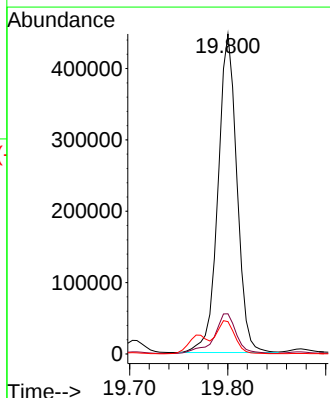
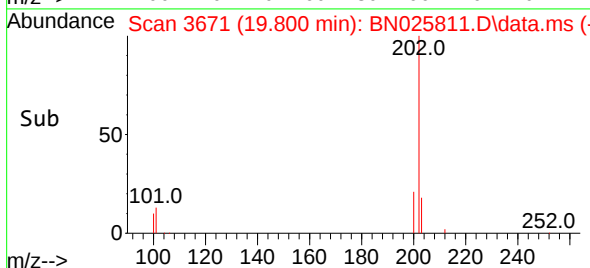
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

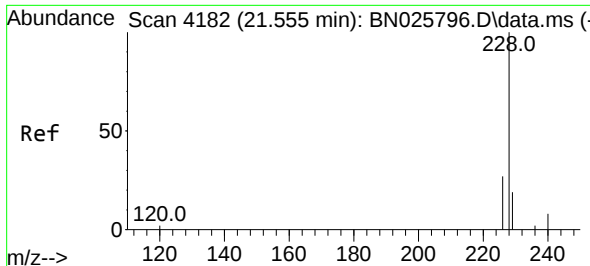


#20
Pyrene
Concen: 7.984 ng/u1
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57



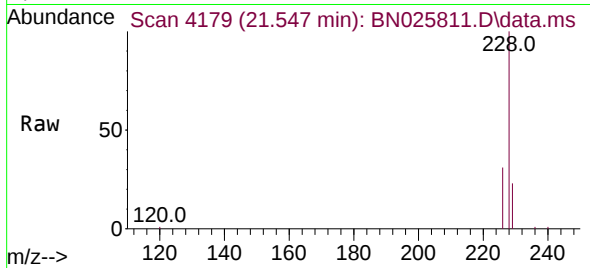
Tgt Ion:202 Resp: 600245
Ion Ratio Lower Upper
202 100
101 12.6 10.4 15.6
100 10.1 8.8 13.2





#21
Benzo(a)anthracene
Concen: 4.093 ng/u1
RT: 21.547 min Scan# 411
Delta R.T. -0.005 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

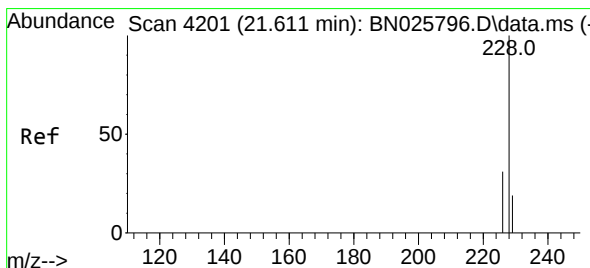
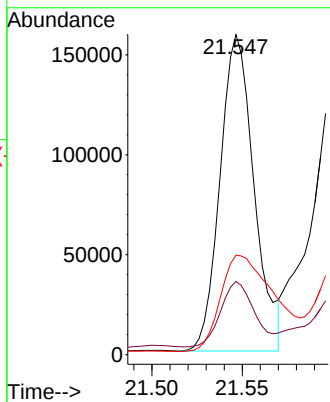
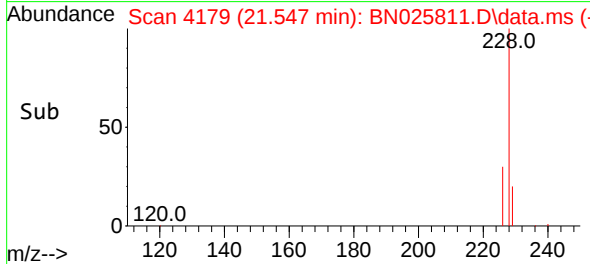
Instrument :
BNA_N
ClientSampleId :
EW998



Tgt Ion:228 Resp: 20722
Ion Ratio Lower Upper
228 100
229 22.9 15.5 23.3
226 31.1 22.0 33.0

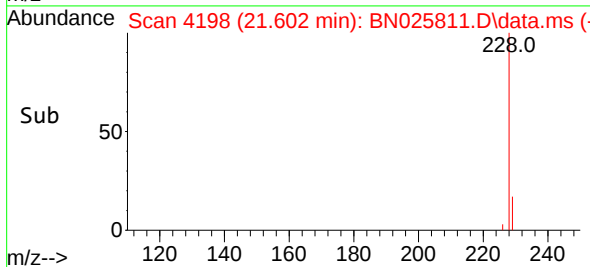
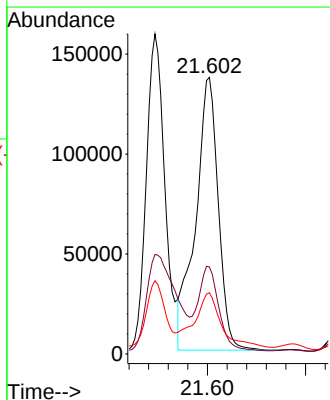
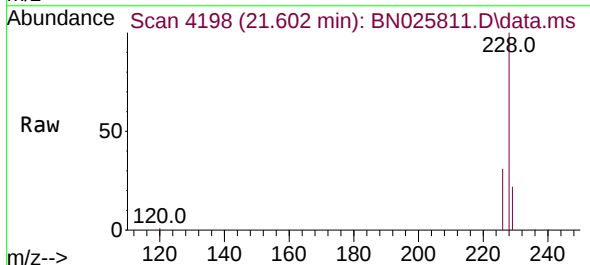
Manual Integrations
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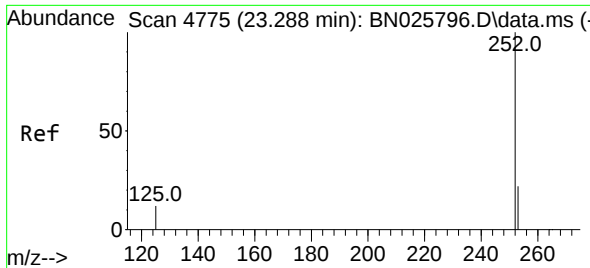
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 3.792 ng/u1
RT: 21.602 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

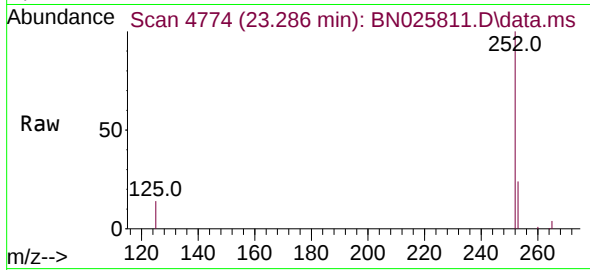
Tgt Ion:228 Resp: 219576
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.274 ng/ul m
RT: 23.286 min Scan# 4775
Delta R.T. -0.005 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

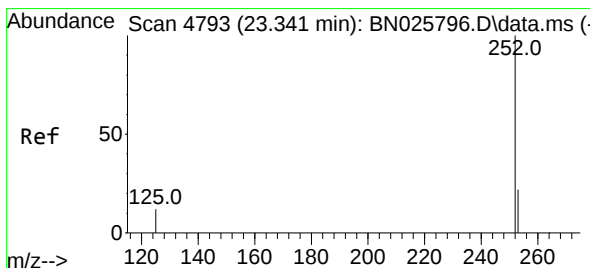
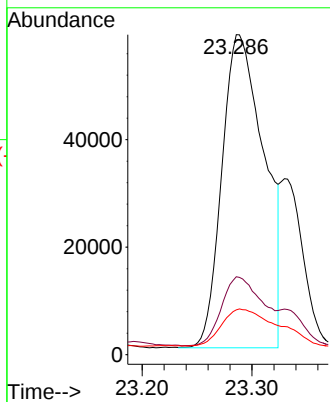
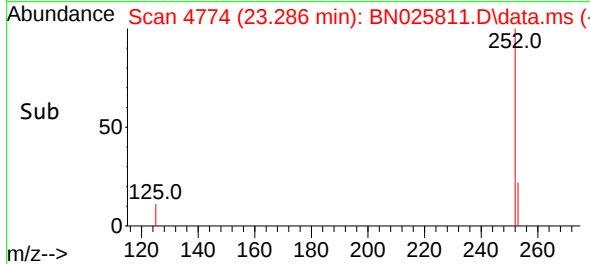
Instrument :
BNA_N
ClientSampleId :
EW998



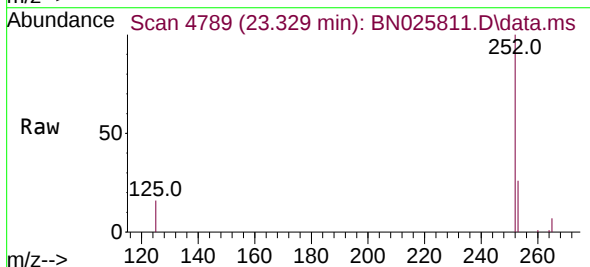
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Ion Ratio Lower Upper
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253 24.3 0.0 56.0
125 14.0 0.0 28.0

Manual Integrations
APPROVED

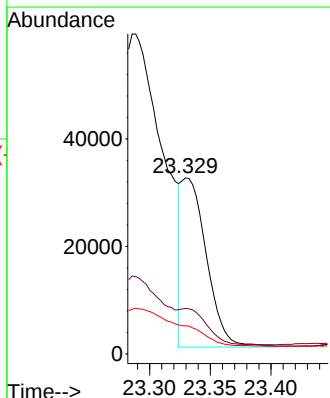
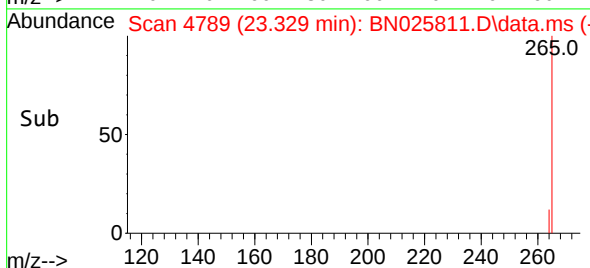
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

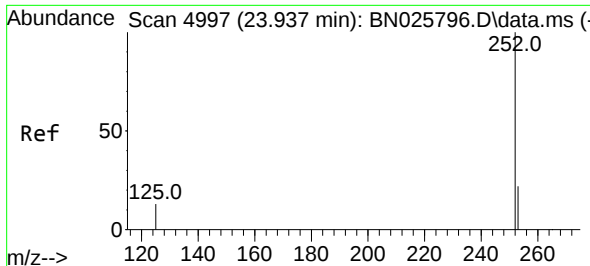


#25
Benzo(k)fluoranthene
Concen: 0.667 ng/ul m
RT: 23.329 min Scan# 4789
Delta R.T. -0.012 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57



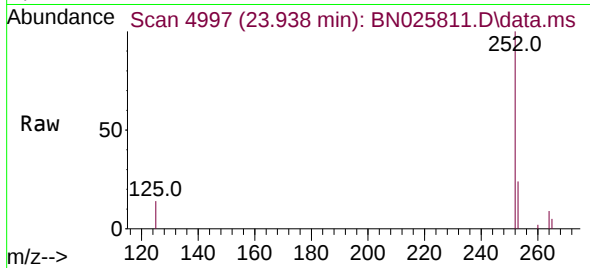
Tgt Ion:252 Resp: 45768
Ion Ratio Lower Upper
252 100
253 25.9 23.3 34.9
125 16.0 11.6 17.4





#26
Benzo(a)pyrene
Concen: 2.771 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. -0.005 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

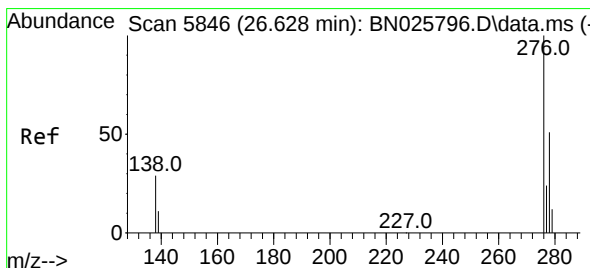
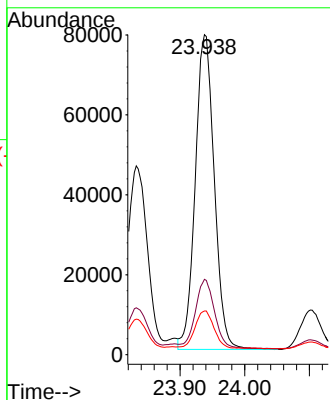
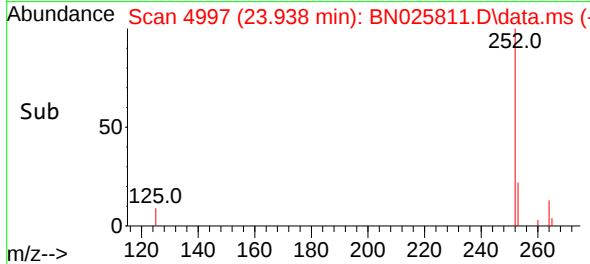
Instrument :
BNA_N
ClientSampleId :
EW998



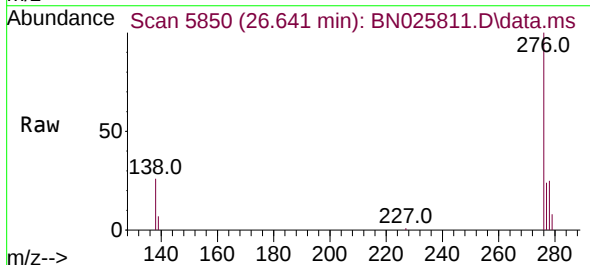
Tgt Ion:252 Resp: 160800
Ion Ratio Lower Upper
252 100
253 23.5 25.8 38.8
125 13.7 13.5 20.3

Manual Integrations
APPROVED

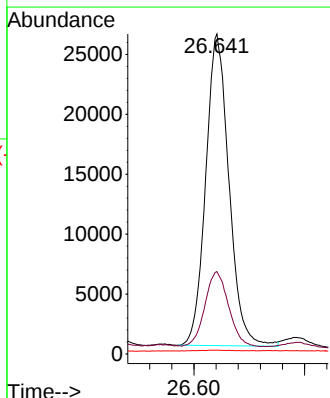
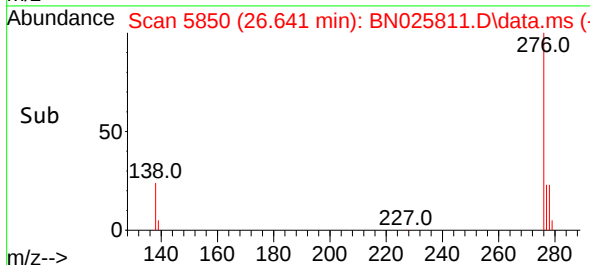
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

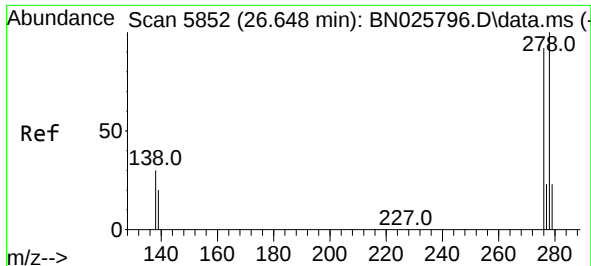


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.144 ng/ul
RT: 26.641 min Scan# 5850
Delta R.T. -0.017 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57



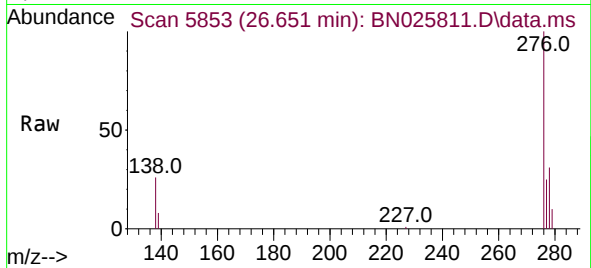
Tgt Ion:276 Resp: 75684
Ion Ratio Lower Upper
276 100
138 24.7 24.6 36.8
227 0.4 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 26.651 min Scan# 5853
Delta R.T. -0.034 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

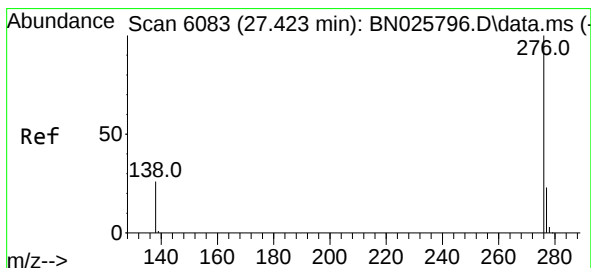
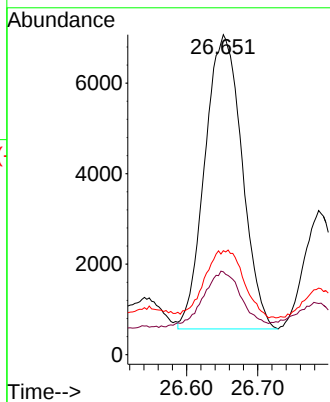
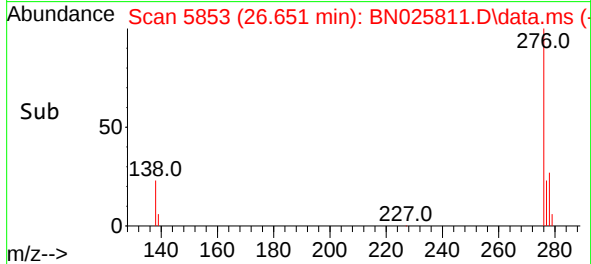
Instrument :
BNA_N
ClientSampleId :
EW998



Tgt Ion:278 Resp: 2354
Ion Ratio Lower Upper
278 100
139 25.9 17.9 26.9
279 32.5 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: 1.311 ng/ul
RT: 27.446 min Scan# 6090
Delta R.T. -0.003 min
Lab File: BN025811.D
Acq: 13 Jun 2023 17:57

Tgt Ion:276 Resp: 77792
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.8
277 24.4 19.4 29.2

