

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025837.D
 Acq On : 14 Jun 2023 11:46
 Operator : MA/JU
 Sample : 02950-09DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW986DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 18:58:59 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	8881	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	26943	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.636	164	15611	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	31336	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	17568	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	16600	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6617	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	1665	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.401	212	3216	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.864	128	1948	0.028	ng/ul#	82
7) 2-Methylnaphthalene	12.475	142	962	0.023	ng/ul	100
8) 1-Methylnaphthalene	12.689	142	9080	0.200	ng/ul	99
10) Acenaphthylene	14.358	152	9803	0.159	ng/ul#	87
11) Acenaphthene	14.701	153	21790	0.423	ng/ul	99
12) Fluorene	15.681	166	23731	0.414	ng/ul	98
15) Phenanthrene	17.419	178	187532	2.052	ng/ul	100
16) Anthracene	17.512	178	40406	0.524	ng/ul	99
19) Fluoranthene	19.434	202	127439	1.586	ng/ul	99
20) Pyrene	19.796	202	188140	2.262	ng/ul	99
21) Benzo(a)anthracene	21.544	228	56545m	1.009	ng/ul	
22) Chrysene	21.600	228	79974	1.248	ng/ul	96
24) Benzo(b)fluoranthene	23.278	252	41731m	0.615	ng/ul	
25) Benzo(k)fluoranthene	23.322	252	14298m	0.210	ng/ul	
26) Benzo(a)pyrene	23.918	252	39022	0.678	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.605	276	16416	0.250	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.609	278	5672	0.114	ng/ul#	71
29) Benzo(g,h,i)perylene	27.400	276	18317	0.311	ng/ul	96

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

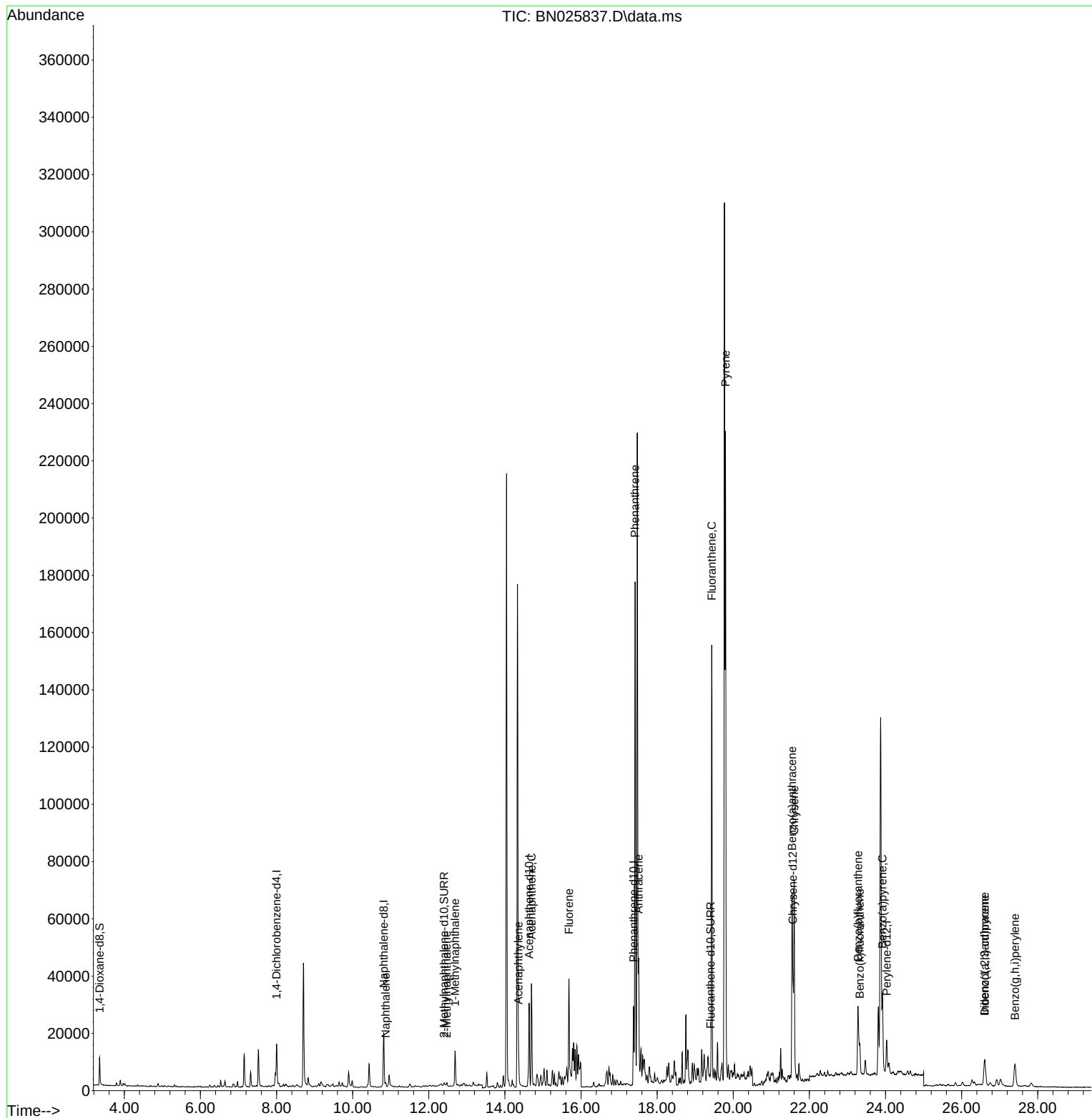
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025837.D
Acq On : 14 Jun 2023 11:46
Operator : MA/JU
Sample : 02950-09DL 5X
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ALS Vial : 43 Sample Multiplier: 1

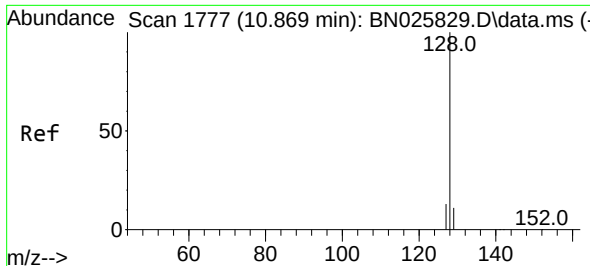
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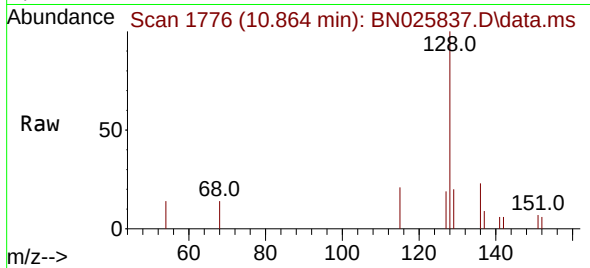
Quant Time: Jun 14 18:58:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 18:25:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

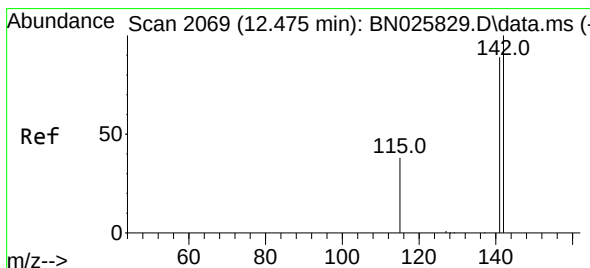
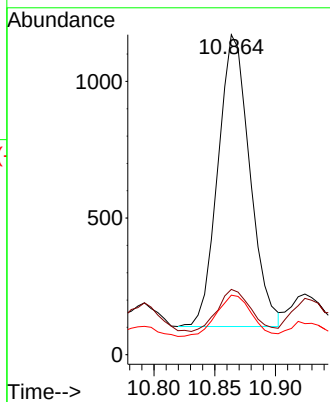
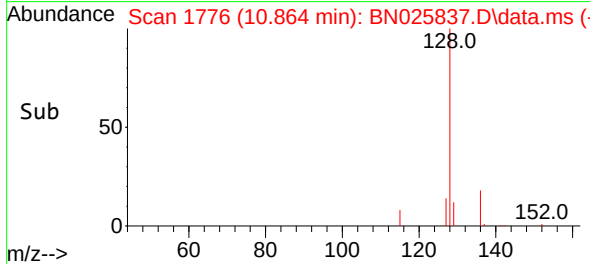
Instrument :
BNA_N
ClientSampleId :
EW986DL



Tgt Ion:128 Resp: 1948
Ion Ratio Lower Upper
128 100
129 20.4 9.1 13.7
127 18.6 10.5 15.7

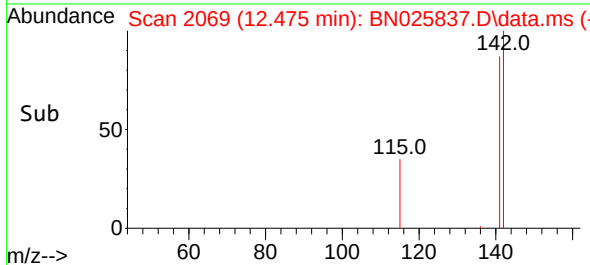
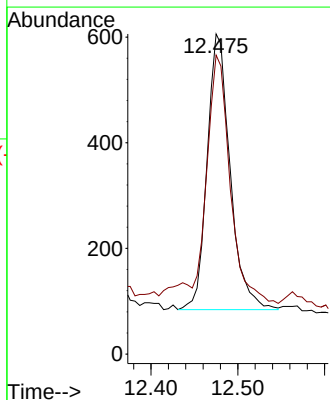
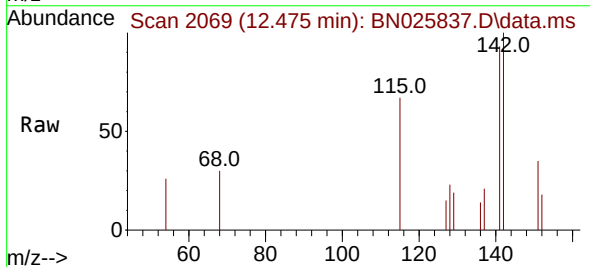
Manual Integrations
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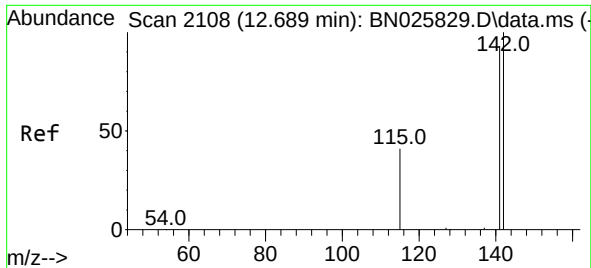
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

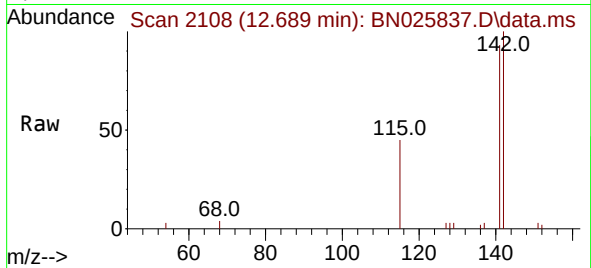
Tgt Ion:142 Resp: 962
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

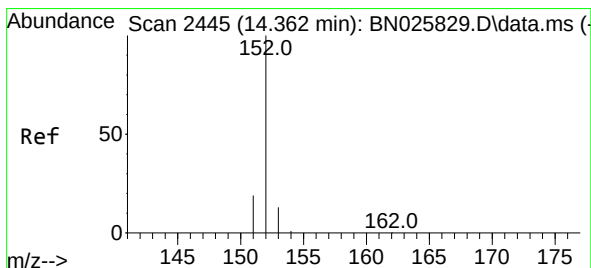
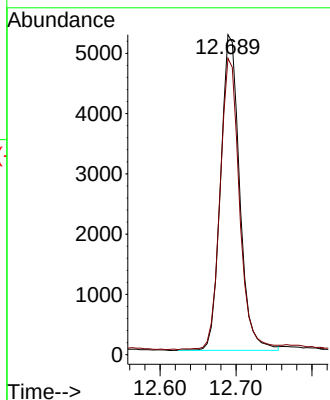
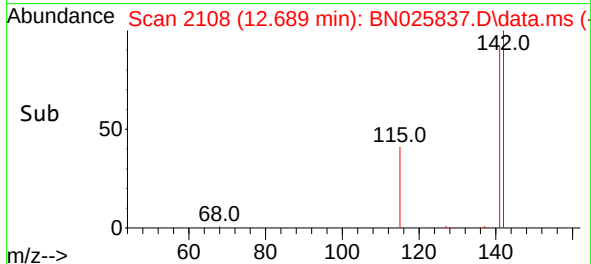
Instrument :
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ClientSampleId :
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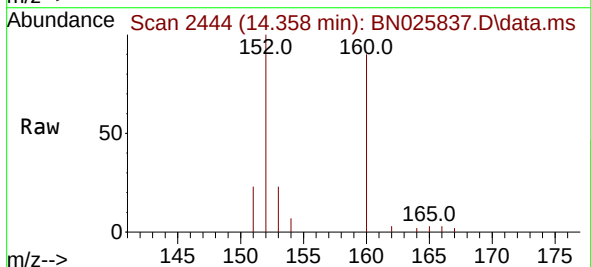
Tgt Ion:142 Resp: 9080
Ion Ratio Lower Upper
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141 93.8 74.0 111.0

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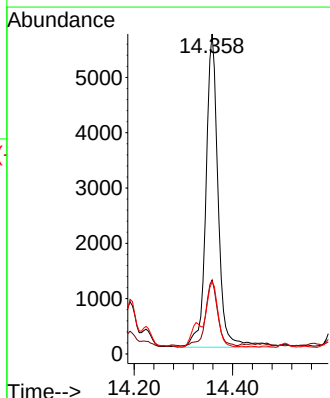
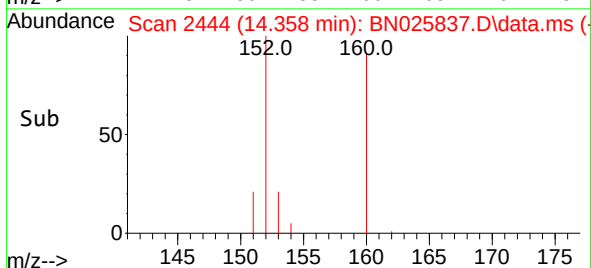
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

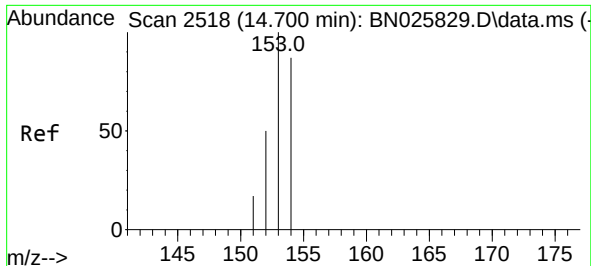


#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.358 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46



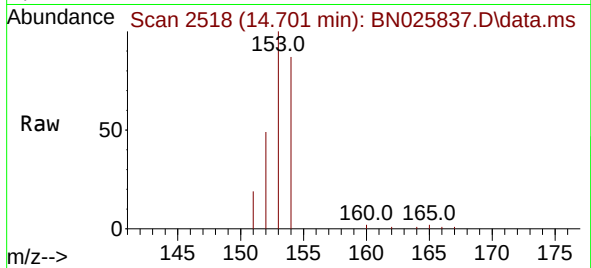
Tgt Ion:152 Resp: 9803
Ion Ratio Lower Upper
152 100
151 23.1 16.0 24.0
153 22.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.423 ng/ul
RT: 14.701 min Scan# 21790
Delta R.T. 0.001 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

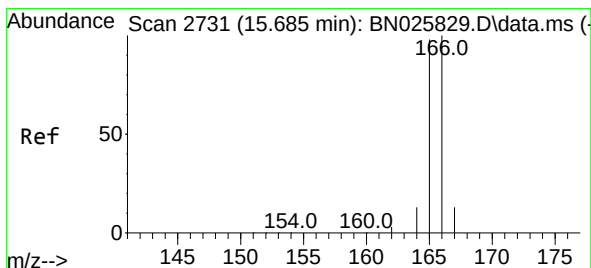
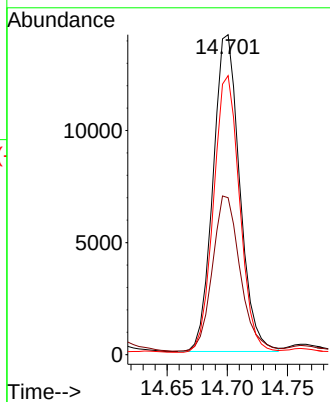
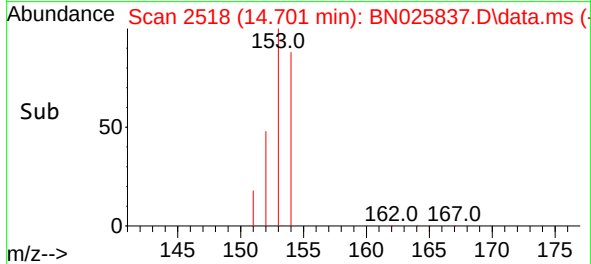
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 21790
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 87.2 68.8 103.2

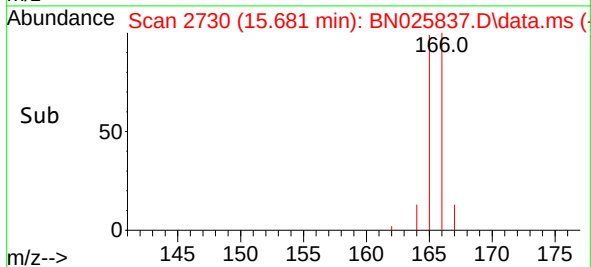
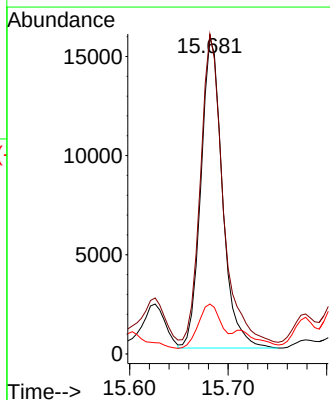
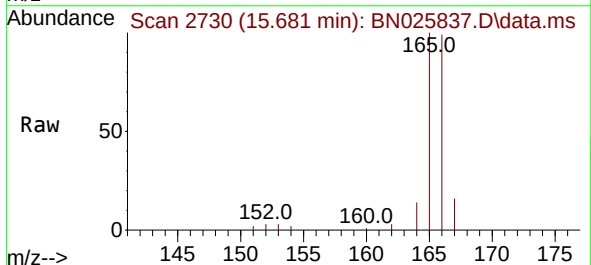
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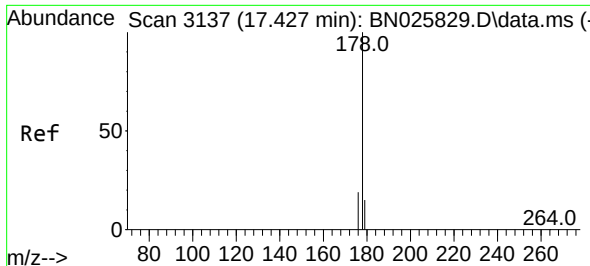
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.414 ng/ul
RT: 15.681 min Scan# 2730
Delta R.T. -0.004 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

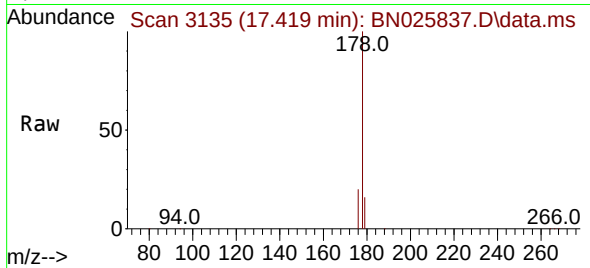
Tgt Ion:166 Resp: 23731
Ion Ratio Lower Upper
166 100
165 101.1 79.2 118.8
167 15.8 11.0 16.6





#15
Phenanthrene
Concen: 2.052 ng/u1
RT: 17.419 min Scan# 3135
Delta R.T. -0.007 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

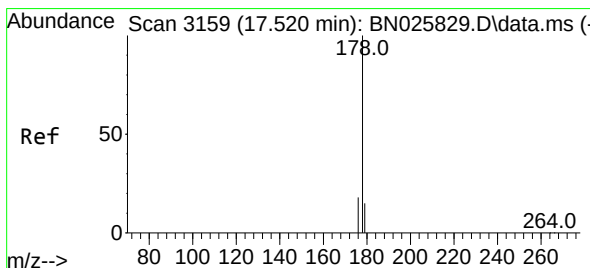
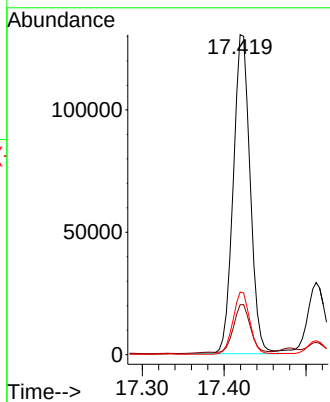
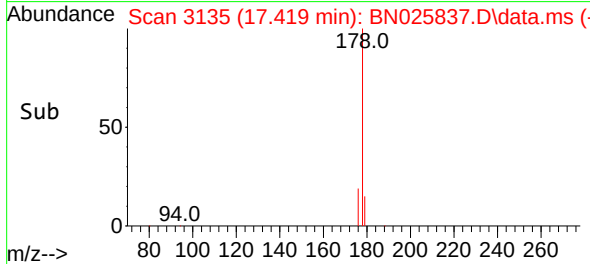
Instrument :
BNA_N
ClientSampleId :
EW986DL



Tgt Ion:178 Resp: 187532
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.6 15.8 23.8

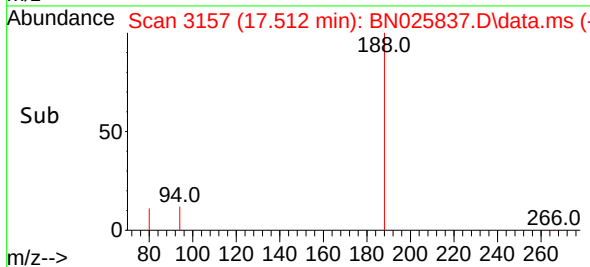
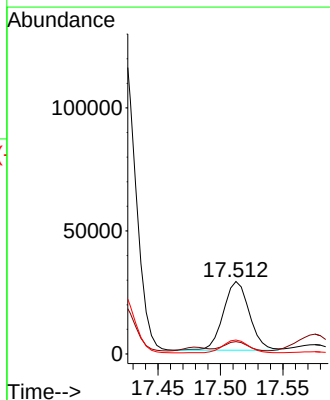
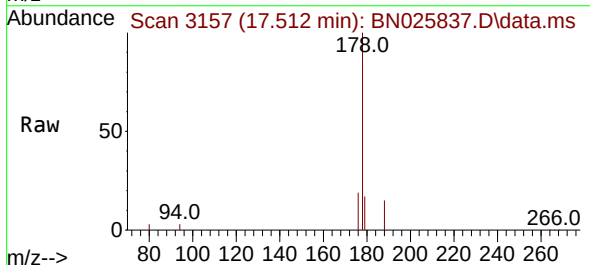
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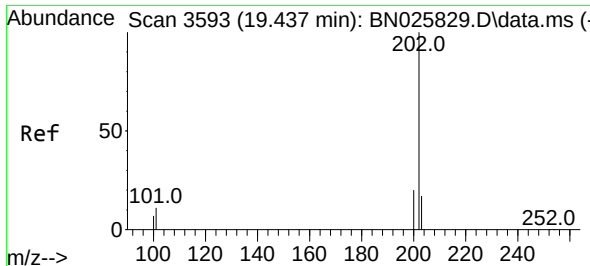
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.524 ng/u1
RT: 17.512 min Scan# 3157
Delta R.T. -0.007 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

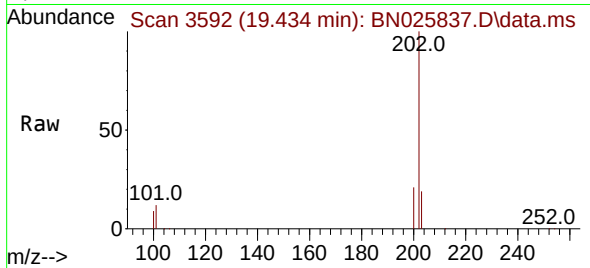
Tgt Ion:178 Resp: 40406
Ion Ratio Lower Upper
178 100
179 17.0 12.6 19.0
176 19.3 15.4 23.2





#19
Fluoranthene
Concen: 1.586 ng/u1
RT: 19.434 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

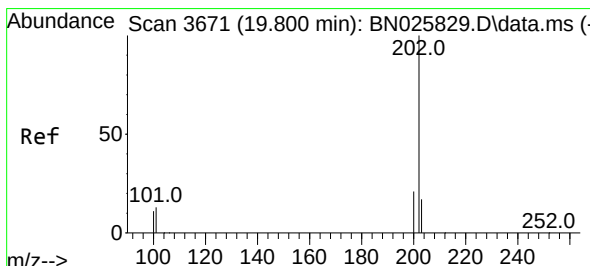
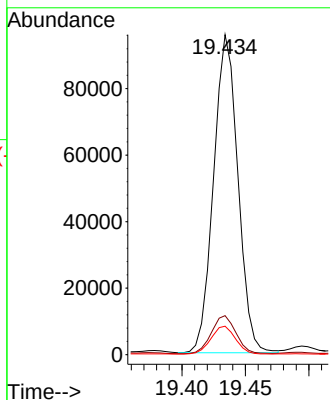
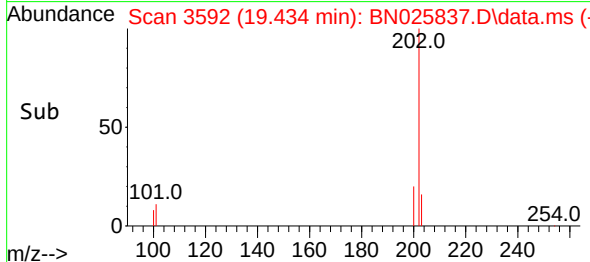
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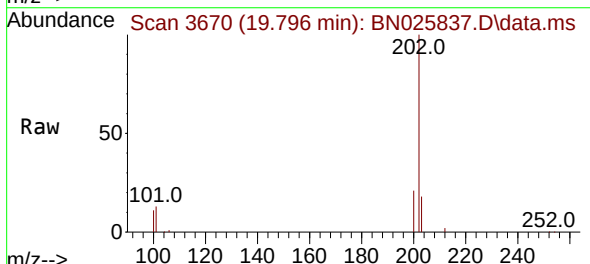
Tgt Ion:202 Resp: 127439
Ion Ratio Lower Upper
202 100
101 12.2 9.1 13.7
100 8.9 7.0 10.6

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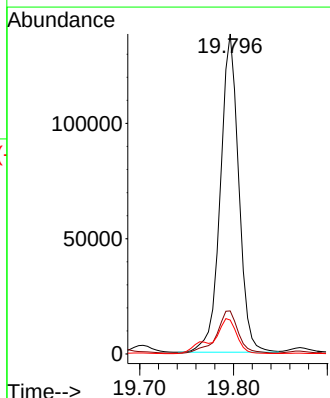
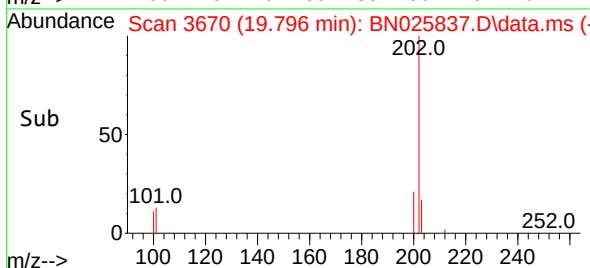
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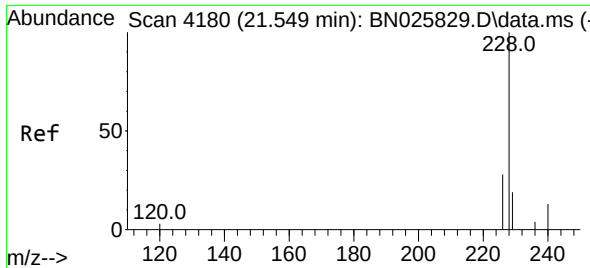


#20
Pyrene
Concen: 2.262 ng/u1
RT: 19.796 min Scan# 3670
Delta R.T. -0.003 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46



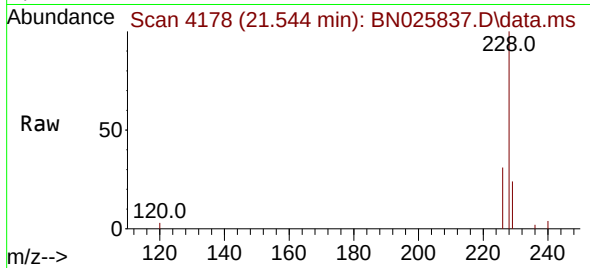
Tgt Ion:202 Resp: 188140
Ion Ratio Lower Upper
202 100
101 13.4 10.4 15.6
100 10.6 8.8 13.2





#21
Benzo(a)anthracene
Concen: 1.009 ng/ul m
RT: 21.544 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

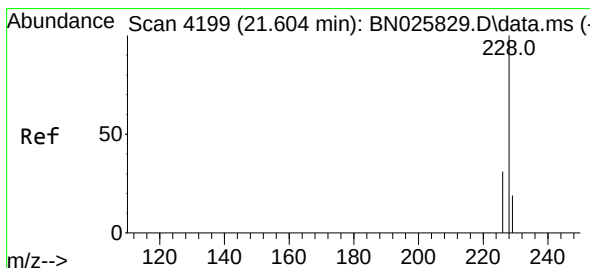
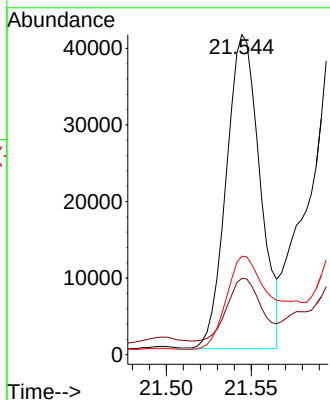
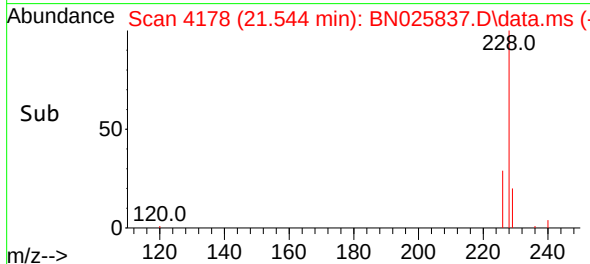
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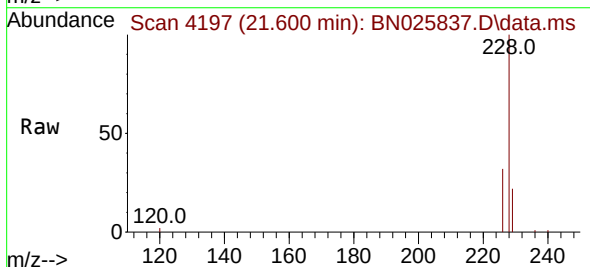
Tgt Ion:228 Resp: 5654
Ion Ratio Lower Upper
228 100
229 23.8 15.5 23.3
226 30.8 22.0 33.0

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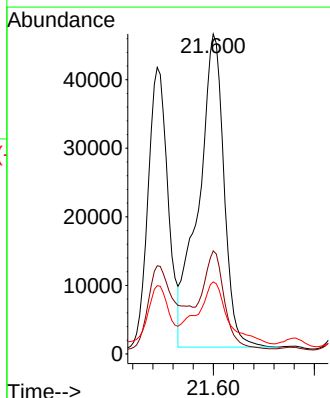
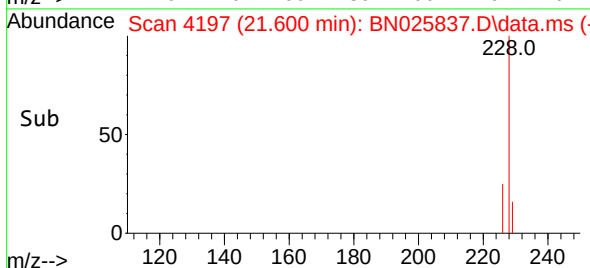
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

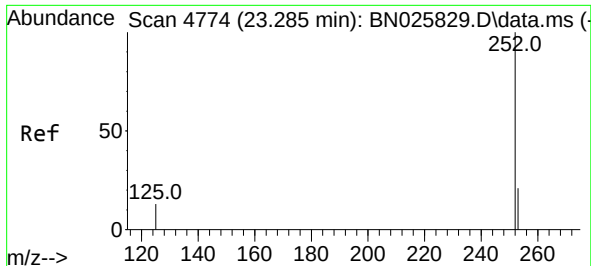


#22
Chrysene
Concen: 1.248 ng/ul
RT: 21.600 min Scan# 4197
Delta R.T. -0.004 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46



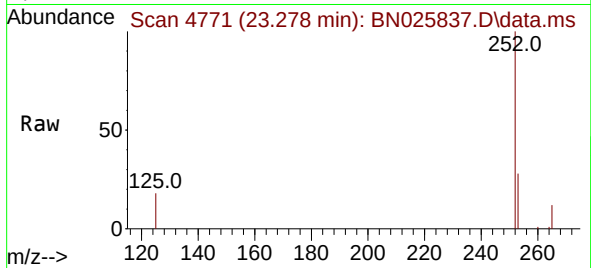
Tgt Ion:228 Resp: 79974
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.615 ng/ul m
RT: 23.278 min Scan# 4173
Delta R.T. -0.007 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

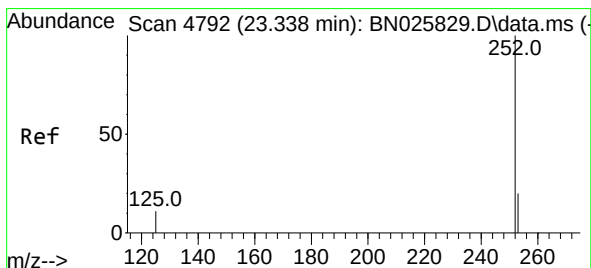
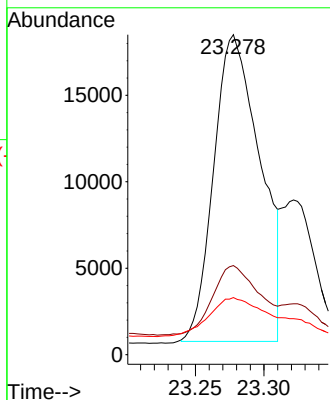
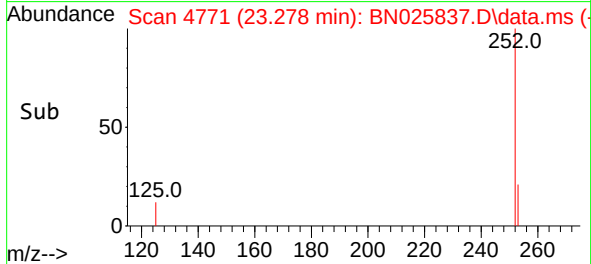
Instrument :
BNA_N
ClientSampleId :
EW986DL



Tgt Ion:252 Resp: 4173
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 17.9 0.0 28.0

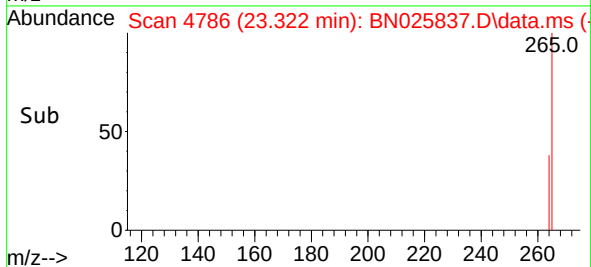
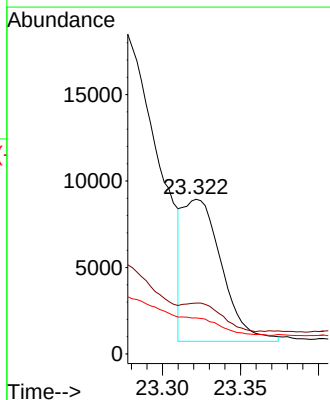
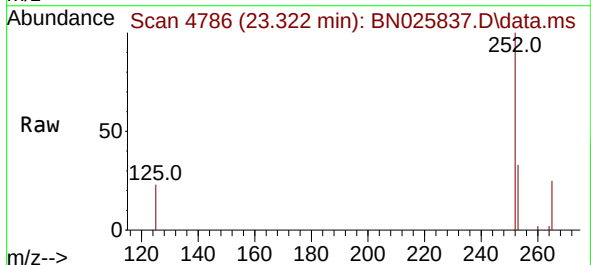
Manual Integrations
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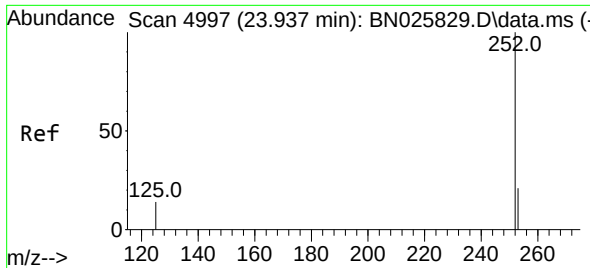
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.210 ng/ul m
RT: 23.322 min Scan# 4786
Delta R.T. -0.016 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

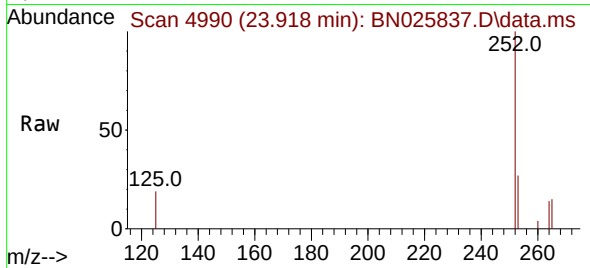
Tgt Ion:252 Resp: 14298
Ion Ratio Lower Upper
252 100
253 32.9 23.3 34.9
125 23.2 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.678 ng/ul
RT: 23.918 min Scan# 4990
Delta R.T. -0.019 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

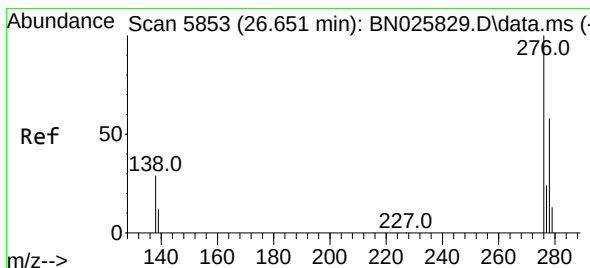
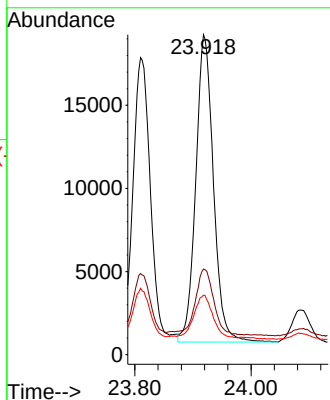
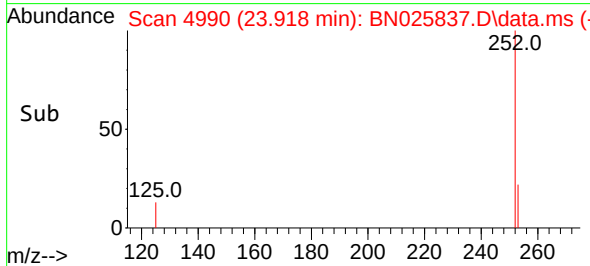
Instrument :
BNA_N
ClientSampleId :
EW986DL



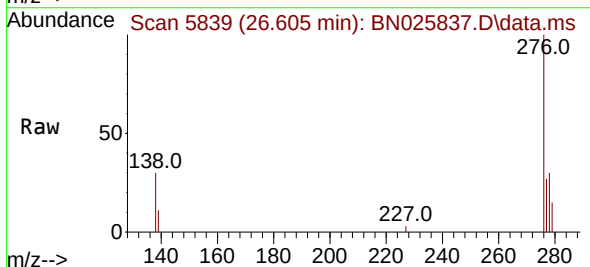
Tgt Ion:252 Resp: 3902
Ion Ratio Lower Upper
252 100
253 26.8 25.8 38.8
125 18.6 13.5 20.3

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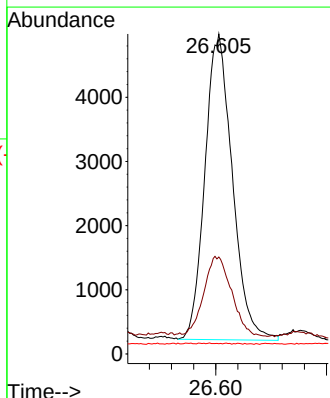
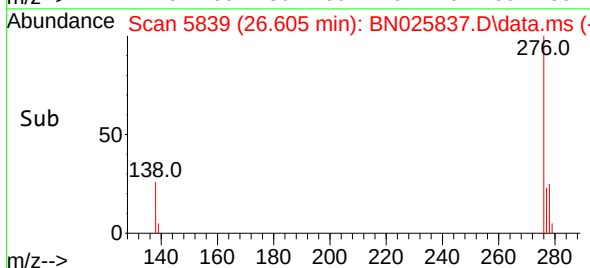
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

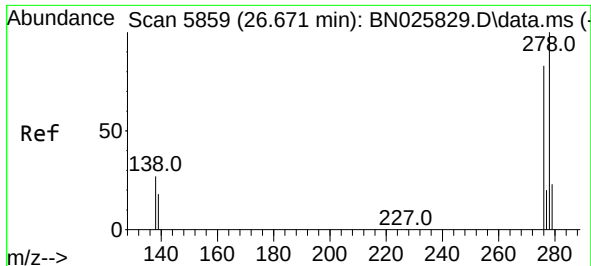


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.250 ng/ul
RT: 26.605 min Scan# 5839
Delta R.T. -0.045 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46



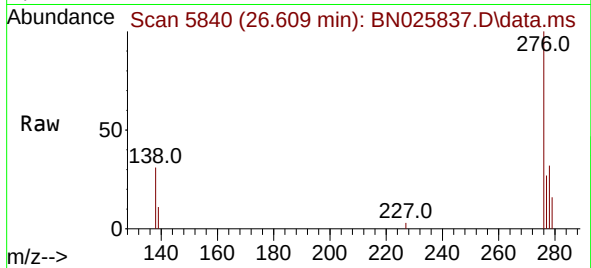
Tgt Ion:276 Resp: 16416
Ion Ratio Lower Upper
276 100
138 26.8 24.6 36.8
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.609 min Scan# 5840
Delta R.T. -0.062 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

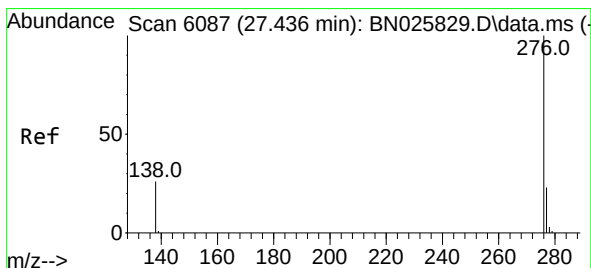
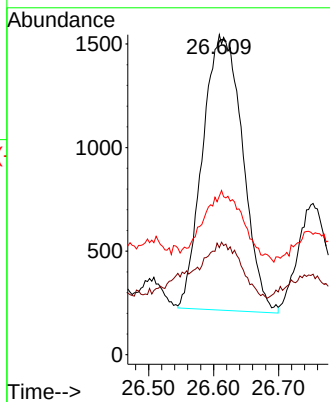
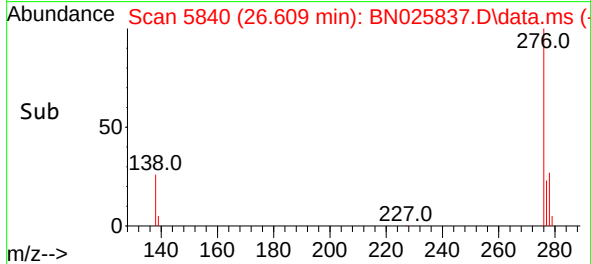
Instrument :
BNA_N
ClientSampleId :
EW986DL



Tgt Ion:278 Resp: 5672
Ion Ratio Lower Upper
278 100
139 33.5 17.9 26.9
279 49.6 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: 0.311 ng/ul
RT: 27.400 min Scan# 6076
Delta R.T. -0.035 min
Lab File: BN025837.D
Acq: 14 Jun 2023 11:46

Tgt Ion:276 Resp: 18317
Ion Ratio Lower Upper
276 100
138 29.3 21.8 32.8
277 26.0 19.4 29.2

