

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022278.D
 Acq On : 22 Oct 2022 06:26
 Operator : CG/JU
 Sample : N5064-13DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 12:02:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	5843	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	18796	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	9275	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16671	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	11897	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	10672	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	6482	0.854	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1477	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2238	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.822	128	11648	0.210	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	8529	0.244	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	7081	0.197	ng/ul	100
10) Acenaphthylene	14.336	152	6488	0.156	ng/ul#	95
11) Acenaphthene	14.679	153	817	0.023	ng/ul	96
12) Fluorene	15.669	166	1737	0.043	ng/ul#	94
15) Phenanthrene	17.412	178	58872	1.052	ng/ul	99
16) Anthracene	17.505	178	8008	0.170	ng/ul	97
19) Fluoranthene	19.440	202	82881	1.521	ng/ul	97
20) Pyrene	19.802	202	82320	1.504	ng/ul	98
21) Benzo(a)anthracene	21.556	228	31133	0.698	ng/ul	96
22) Chrysene	21.611	228	44197	0.935	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	50514m	0.943	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	16215m	0.311	ng/ul	
26) Benzo(a)pyrene	23.917	252	30854	0.722	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.608	276	24094	0.454	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.622	278	6304	0.149	ng/ul#	85
29) Benzo(g,h,i)perylene	27.406	276	19223	0.444	ng/ul	100

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

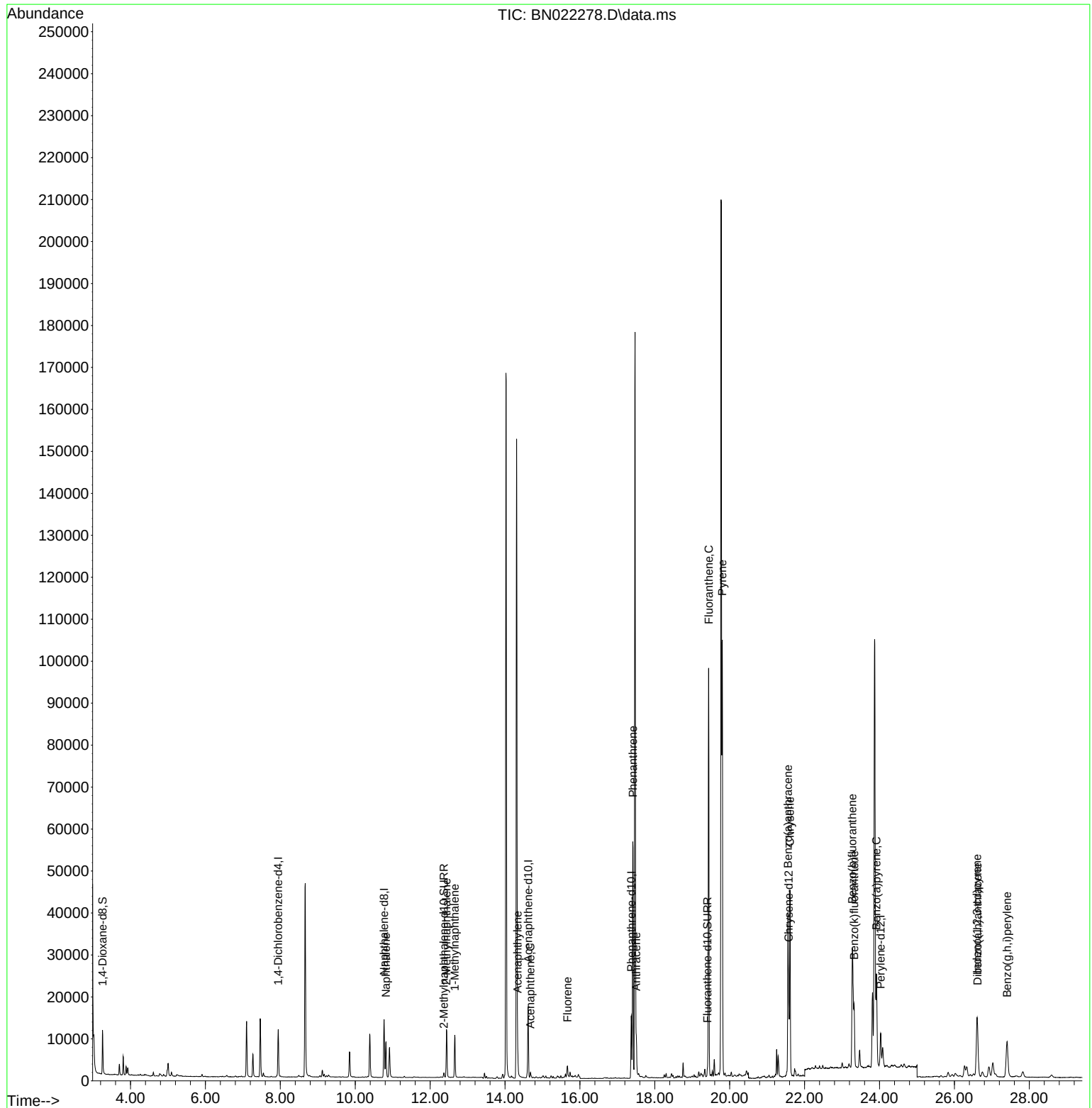
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022278.D
Acq On : 22 Oct 2022 06:26
Operator : CG/JU
Sample : N5064-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

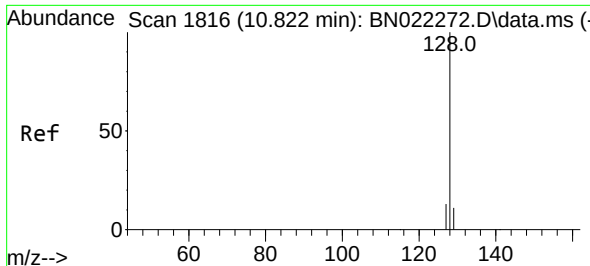
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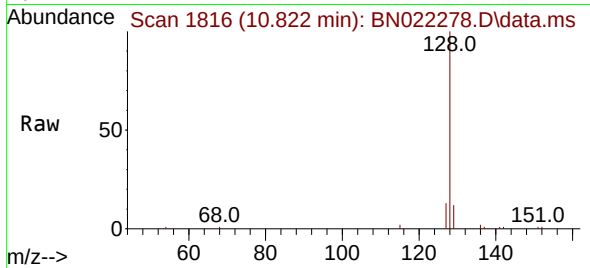
Quant Time: Oct 22 12:02:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

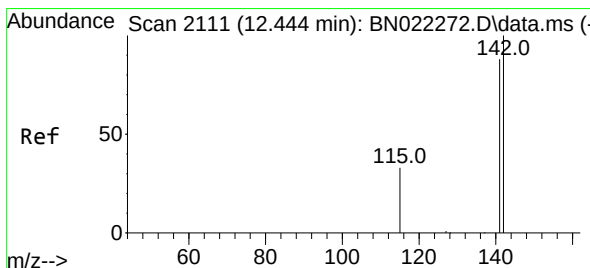
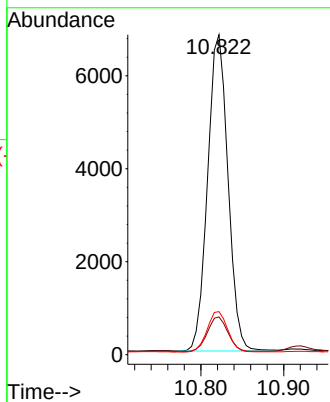
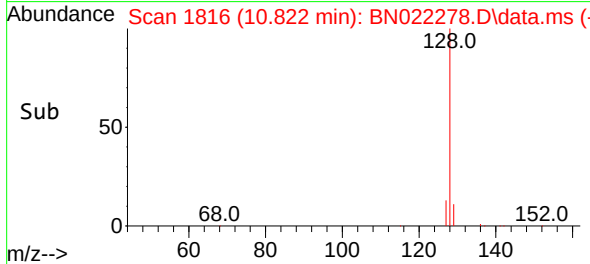
Instrument :
BNA_N
ClientSampleId :
C0BH6DL



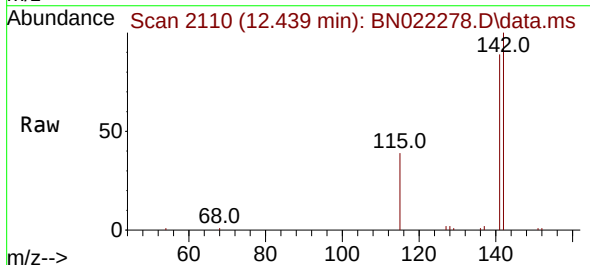
Tgt Ion:128 Resp: 11648
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.7 16.1

Manual Integrations
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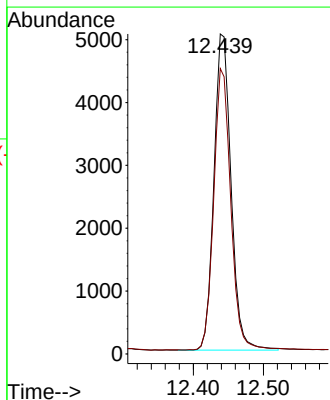
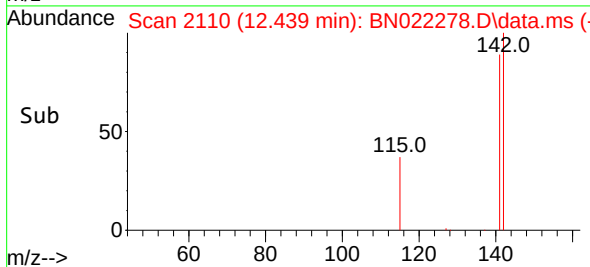
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

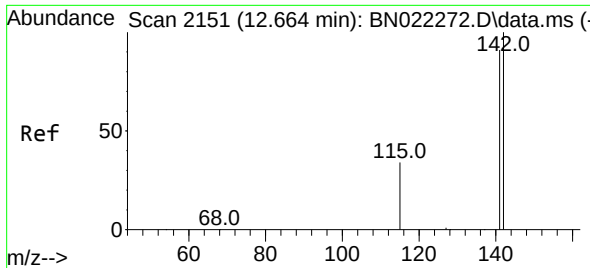


#7
2-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.439 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26



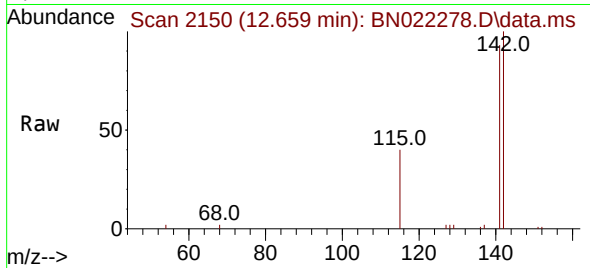
Tgt Ion:142 Resp: 8529
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.659 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

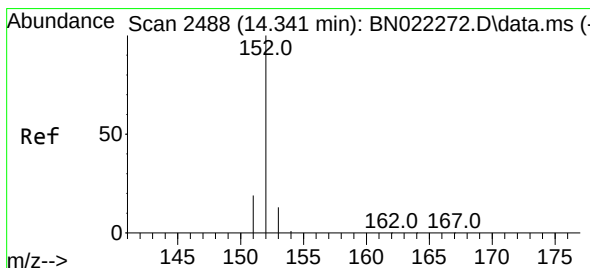
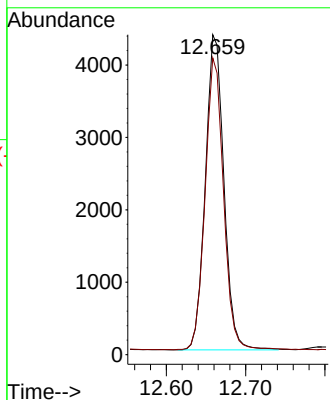
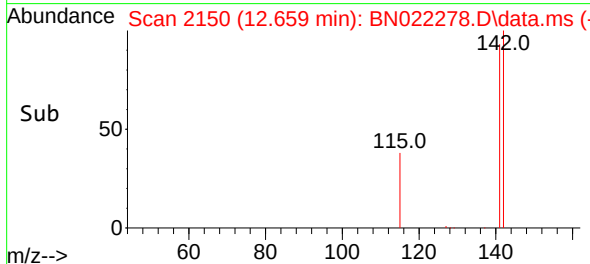
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 708
Ion Ratio Lower Upper
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141 91.7 73.3 109.9

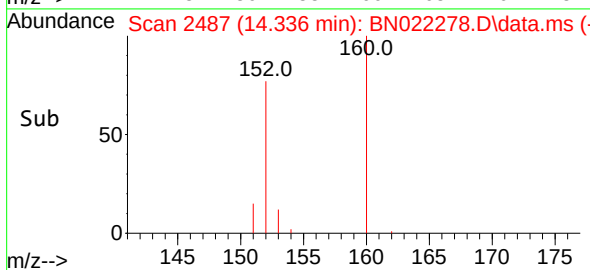
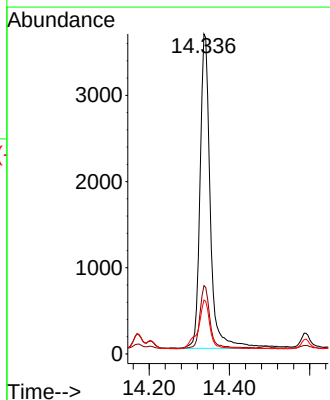
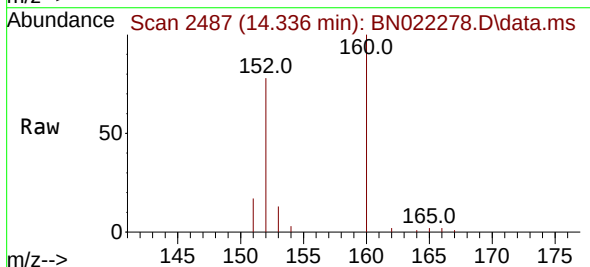
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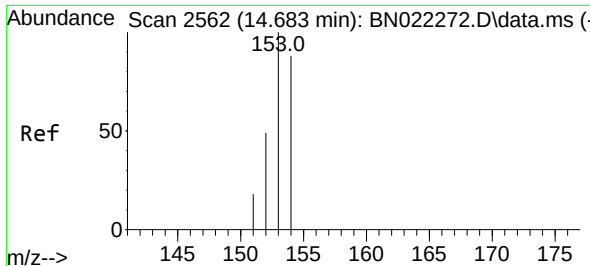
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.156 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

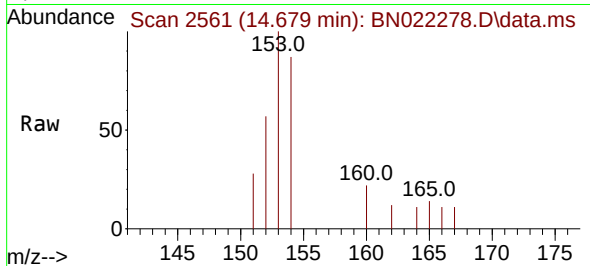
Tgt Ion:152 Resp: 6488
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 16.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

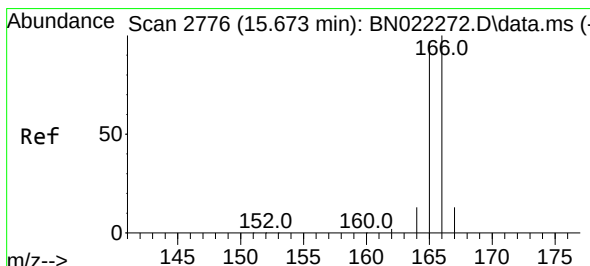
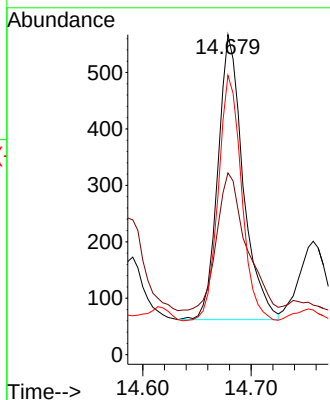
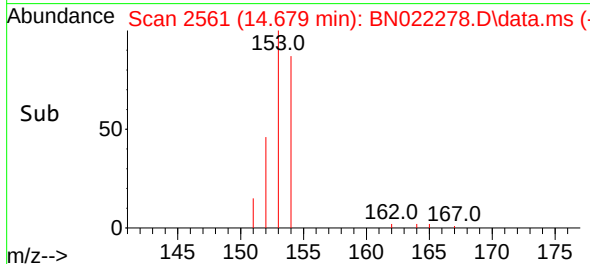
Instrument :
BNA_N
ClientSampleId :
C0BH6DL



Tgt Ion:153 Resp: 81
Ion Ratio Lower Upper
153 100
152 56.8 40.6 61.0
154 87.3 70.6 106.0

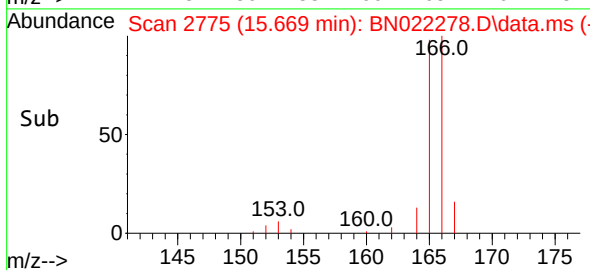
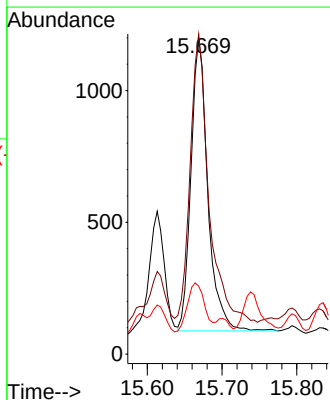
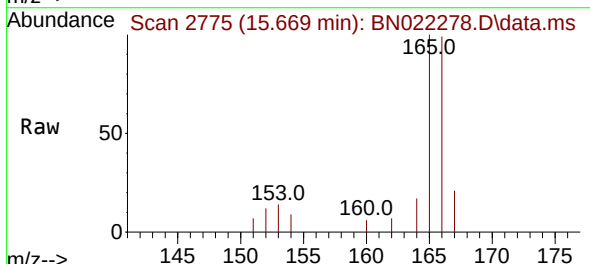
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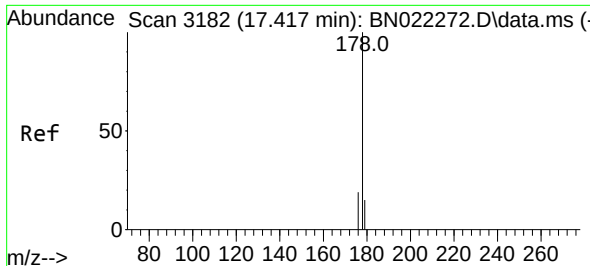
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

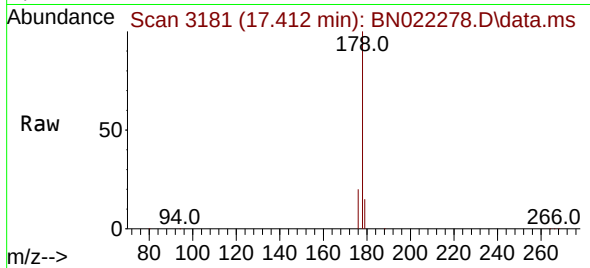
Tgt Ion:166 Resp: 1737
Ion Ratio Lower Upper
166 100
165 101.3 78.2 117.2
167 21.5 11.0 16.4#





#15
Phenanthrene
Concen: 1.052 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

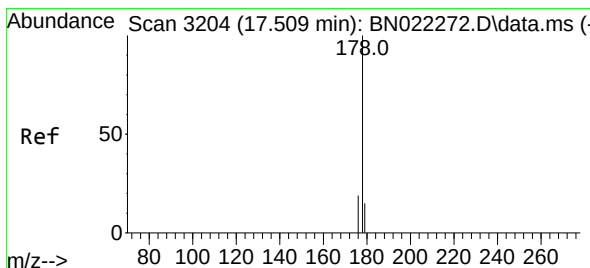
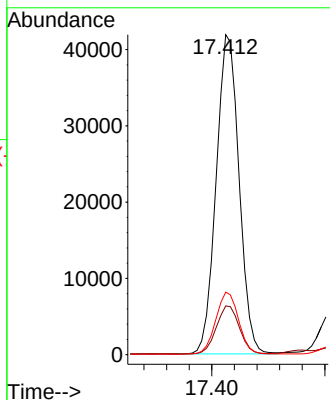
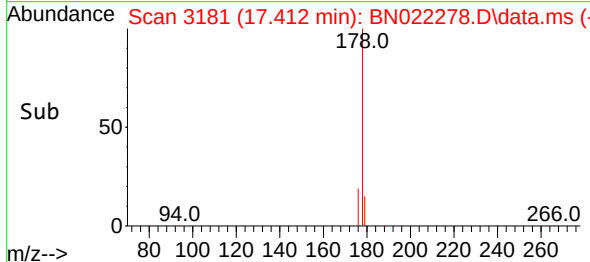
Instrument :
BNA_N
ClientSampleId :
C0BH6DL



Tgt Ion:178 Resp: 58872
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.6 15.4 23.2

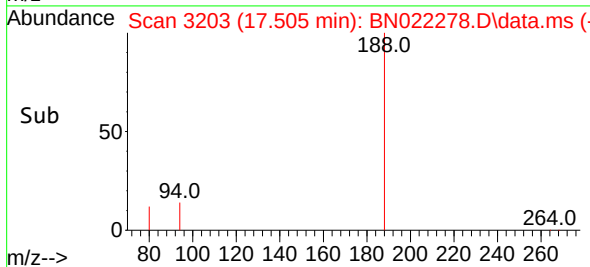
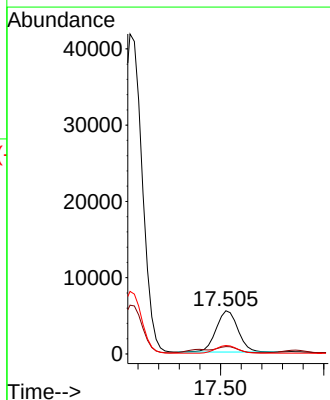
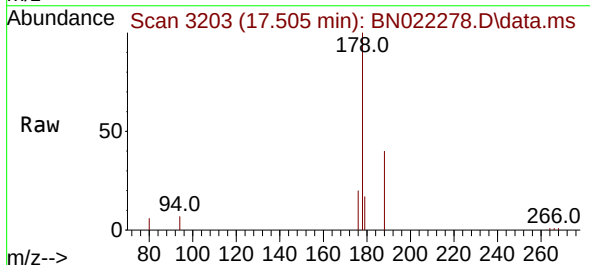
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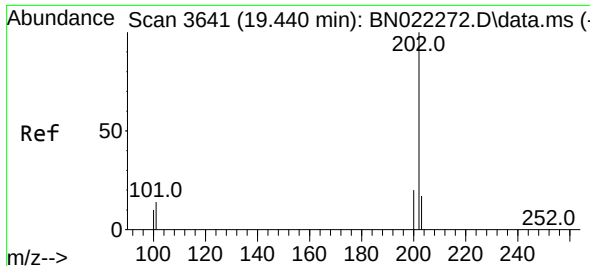
Reviewed By :Jagrut Upadhyay 10/24/2022
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#16
Anthracene
Concen: 0.170 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

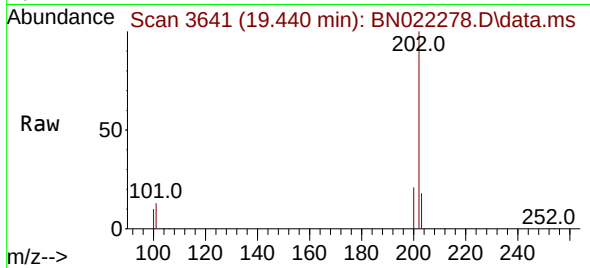
Tgt Ion:178 Resp: 8008
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.8 15.0 22.6





#19
Fluoranthene
Concen: 1.521 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

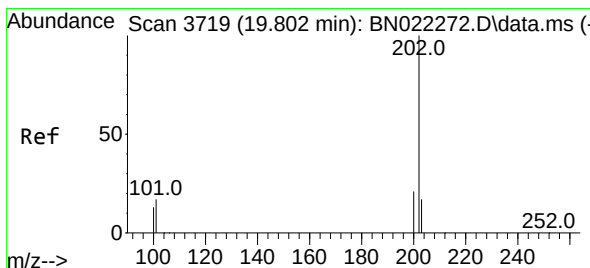
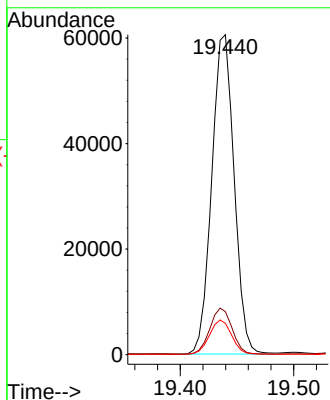
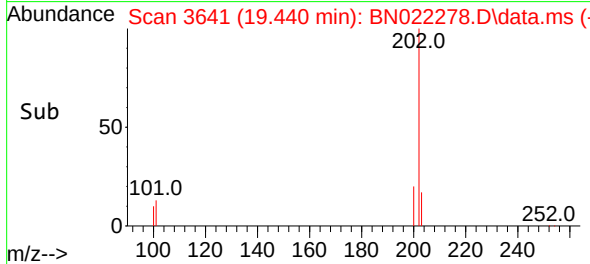
Instrument :
BNA_N
ClientSampleId :
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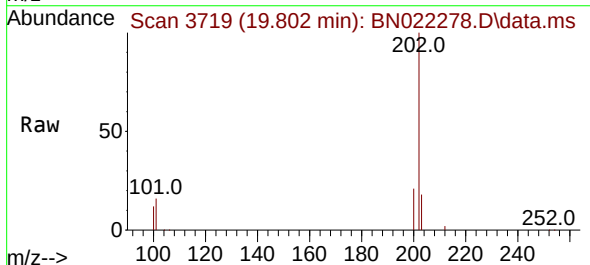
Tgt Ion:202 Resp: 8288
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 9.8 8.7 13.1

Manual Integrations
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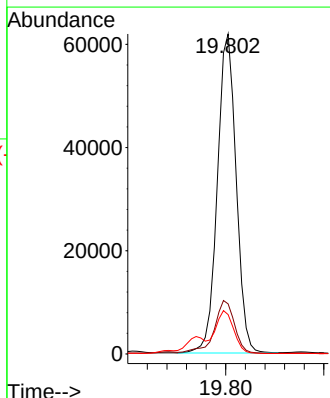
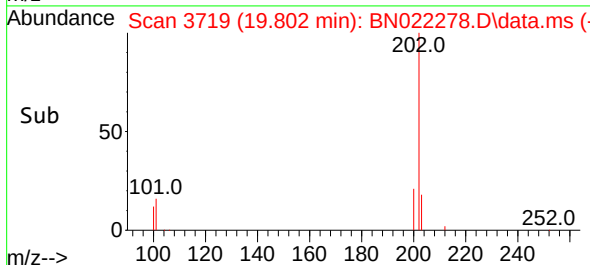
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

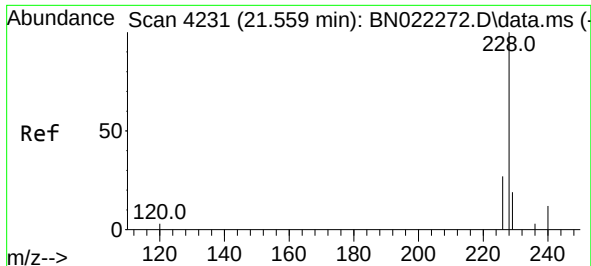


#20
Pyrene
Concen: 1.504 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26



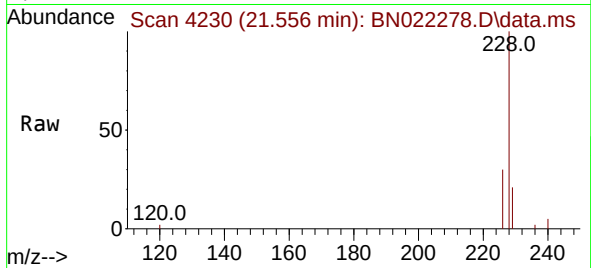
Tgt Ion:202 Resp: 82320
Ion Ratio Lower Upper
202 100
101 15.6 13.1 19.7
100 12.3 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.698 ng/ul
RT: 21.556 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

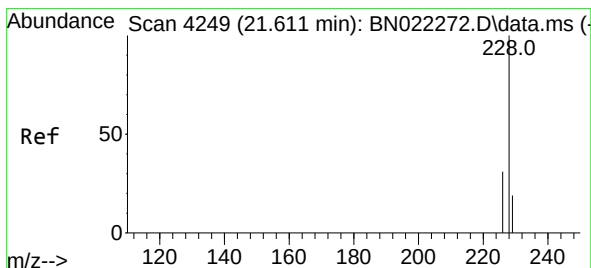
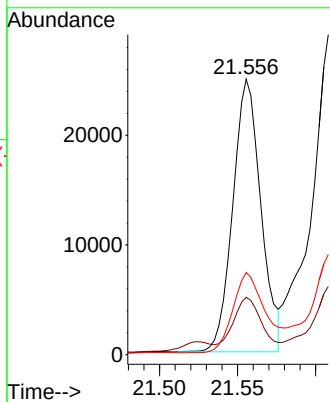
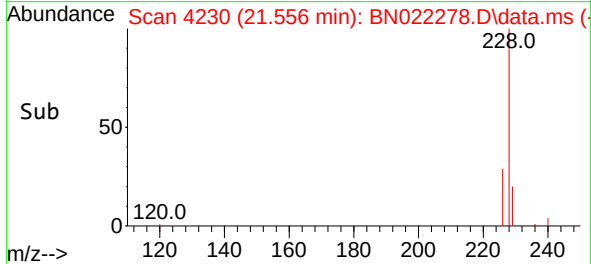
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Tgt Ion:228 Resp: 3113
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 29.8 21.5 32.3

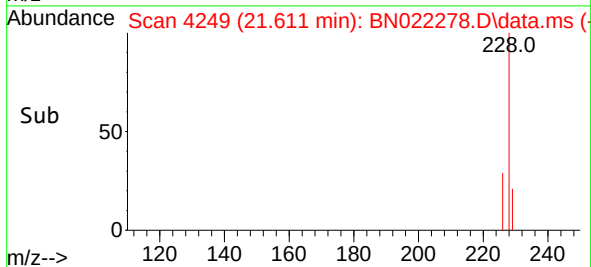
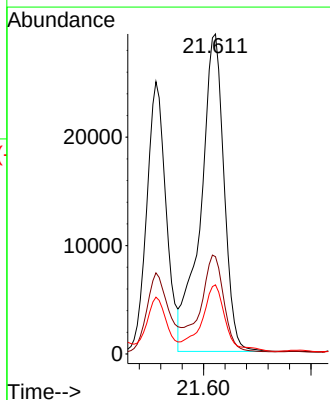
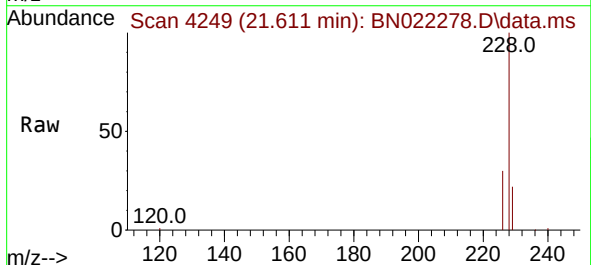
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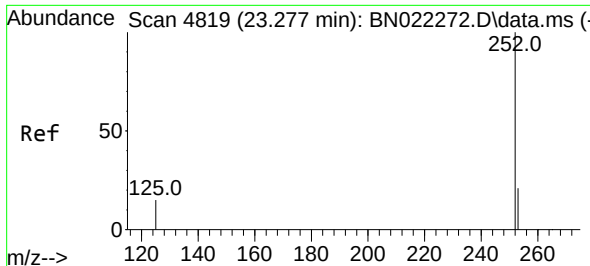
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.935 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

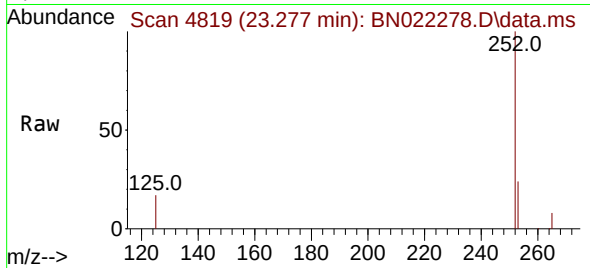
Tgt Ion:228 Resp: 44197
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.943 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

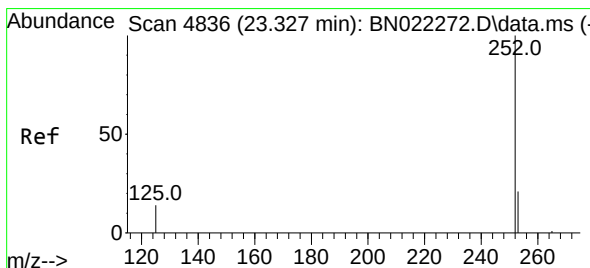
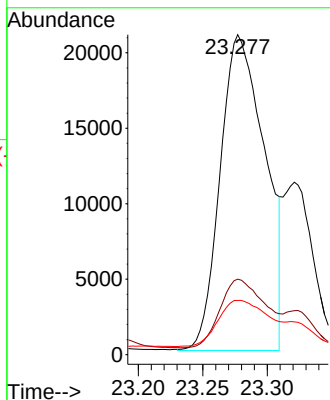
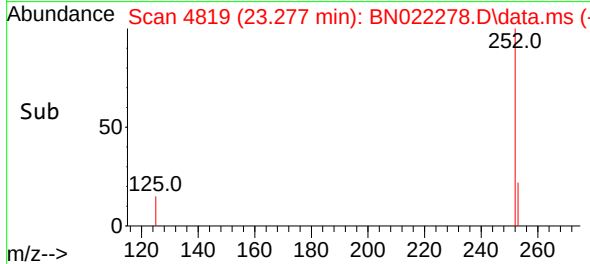
Instrument :
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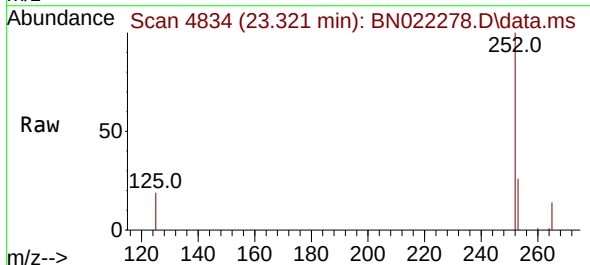
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Ion Ratio Lower Upper
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125 17.0 0.0 35.2

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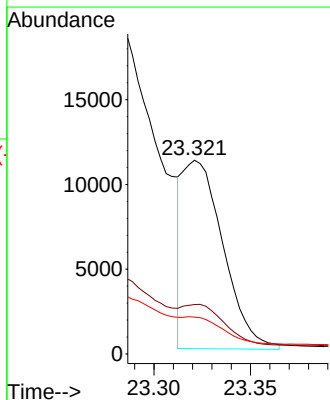
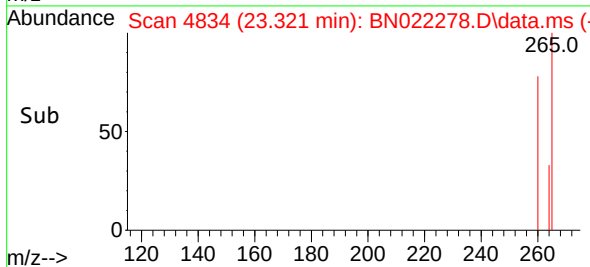
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

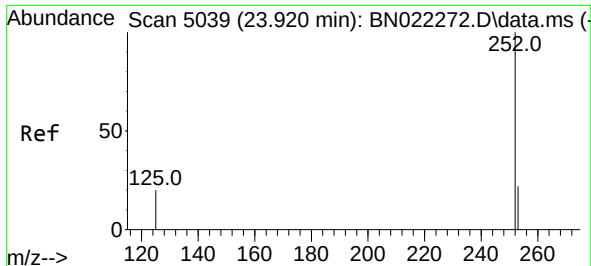


#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26



Tgt Ion:252 Resp: 16215
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 19.0 14.0 21.0





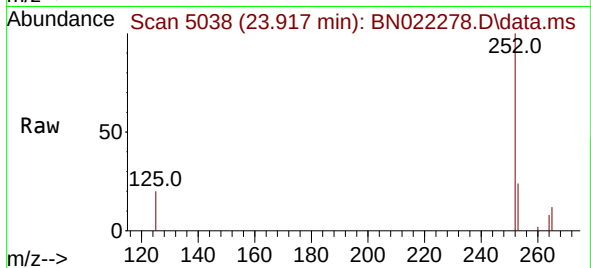
#26
Benzo(a)pyrene
Concen: 0.722 ng/ul
RT: 23.917 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

Instrument :

BNA_N

ClientSampleId :

C0BH6DL

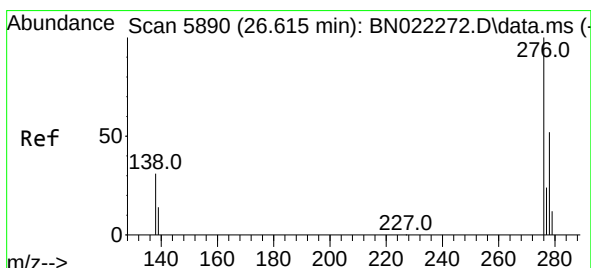
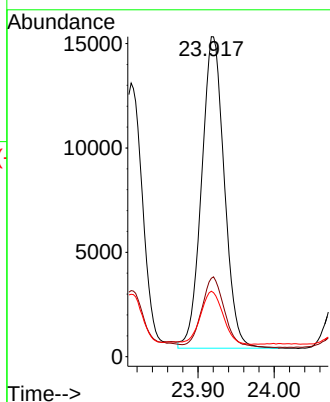
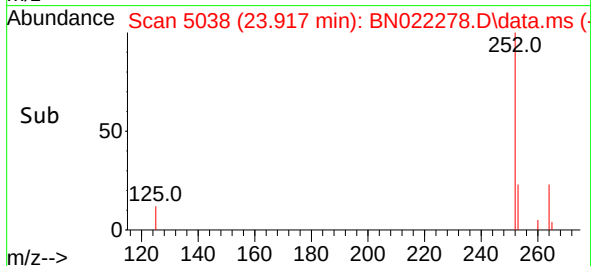


Tgt Ion:252 Resp: 30854
Ion Ratio Lower Upper
252 100
253 24.5 21.0 31.6
125 20.4 17.9 26.9

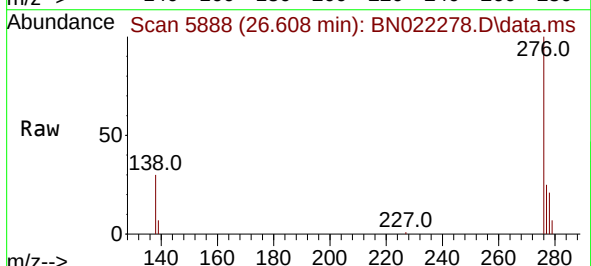
Manual Integrations

APPROVED

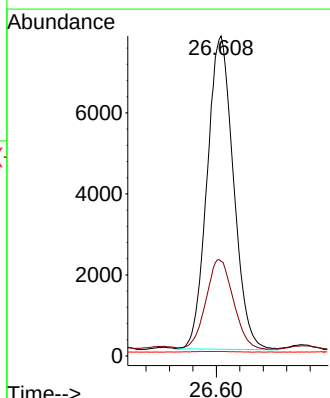
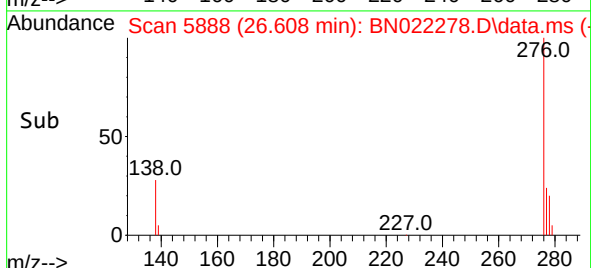
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

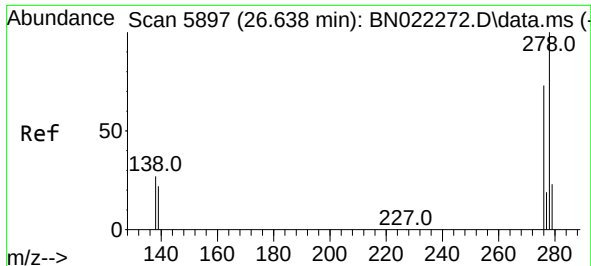


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26



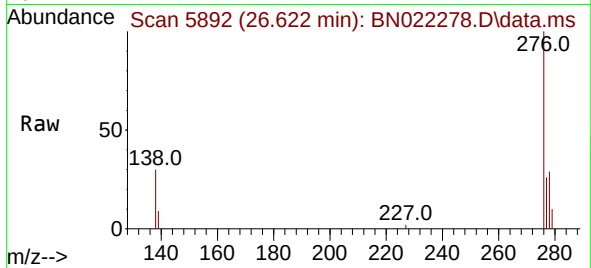
Tgt Ion:276 Resp: 24094
Ion Ratio Lower Upper
276 100
138 29.8 27.7 41.5
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.017 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26

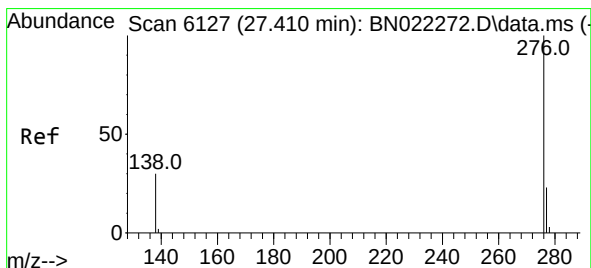
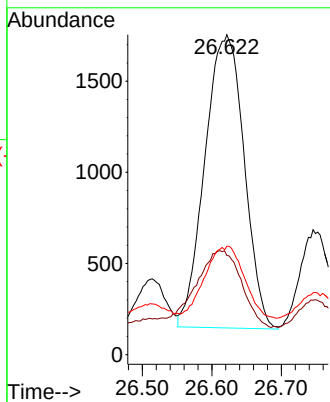
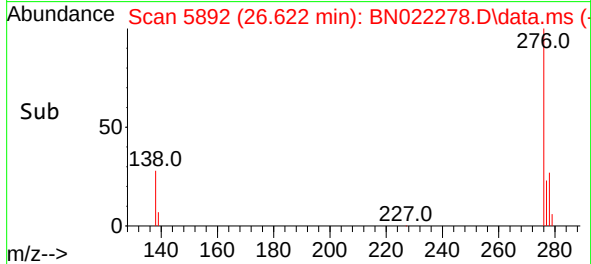
Instrument :
BNA_N
ClientSampleId :
C0BH6DL



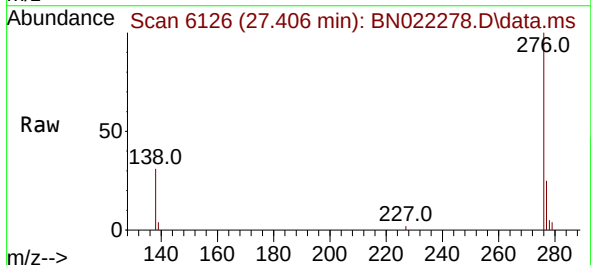
Tgt Ion:278 Resp: 6304
Ion Ratio Lower Upper
278 100
139 31.0 19.6 29.4
279 33.9 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.406 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022278.D
Acq: 22 Oct 2022 06:26



Tgt Ion:276 Resp: 19223
Ion Ratio Lower Upper
276 100
138 31.2 25.2 37.8
277 25.0 19.9 29.9

