

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022295.D
 Acq On : 24 Oct 2022 12:46
 Operator : CG/JU
 Sample : N5119-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:12:00 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	4654	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	15226	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	7588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	13491	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	9396	0.400	ng/ul	0.00
23) Perylene-d12	24.033	264	8787	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	20298	3.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	4528	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	6738	0.214	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.821	128	4331	0.096	ng/ul	96
7) 2-Methylnaphthalene	12.443	142	2156	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.663	142	1681	0.058	ng/ul	99
10) Acenaphthylene	14.340	152	1017	0.030	ng/ul#	78
11) Acenaphthene	14.682	153	1225	0.043	ng/ul	98
12) Fluorene	15.668	166	1199	0.036	ng/ul#	95
15) Phenanthrene	17.415	178	18650	0.412	ng/ul	100
16) Anthracene	17.508	178	4692	0.123	ng/ul	96
19) Fluoranthene	19.439	202	40587	0.943	ng/ul	99
20) Pyrene	19.801	202	34142	0.790	ng/ul	99
21) Benzo(a)anthracene	21.557	228	17847	0.507	ng/ul	97
22) Chrysene	21.613	228	19508	0.523	ng/ul	97
24) Benzo(b)fluoranthene	23.282	252	29540m	0.669	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	9332m	0.217	ng/ul	
26) Benzo(a)pyrene	23.922	252	18172	0.517	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.610	276	14563	0.333	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.627	278	3572	0.102	ng/ul#	72
29) Benzo(g,h,i)perylene	27.412	276	13107	0.368	ng/ul	97

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

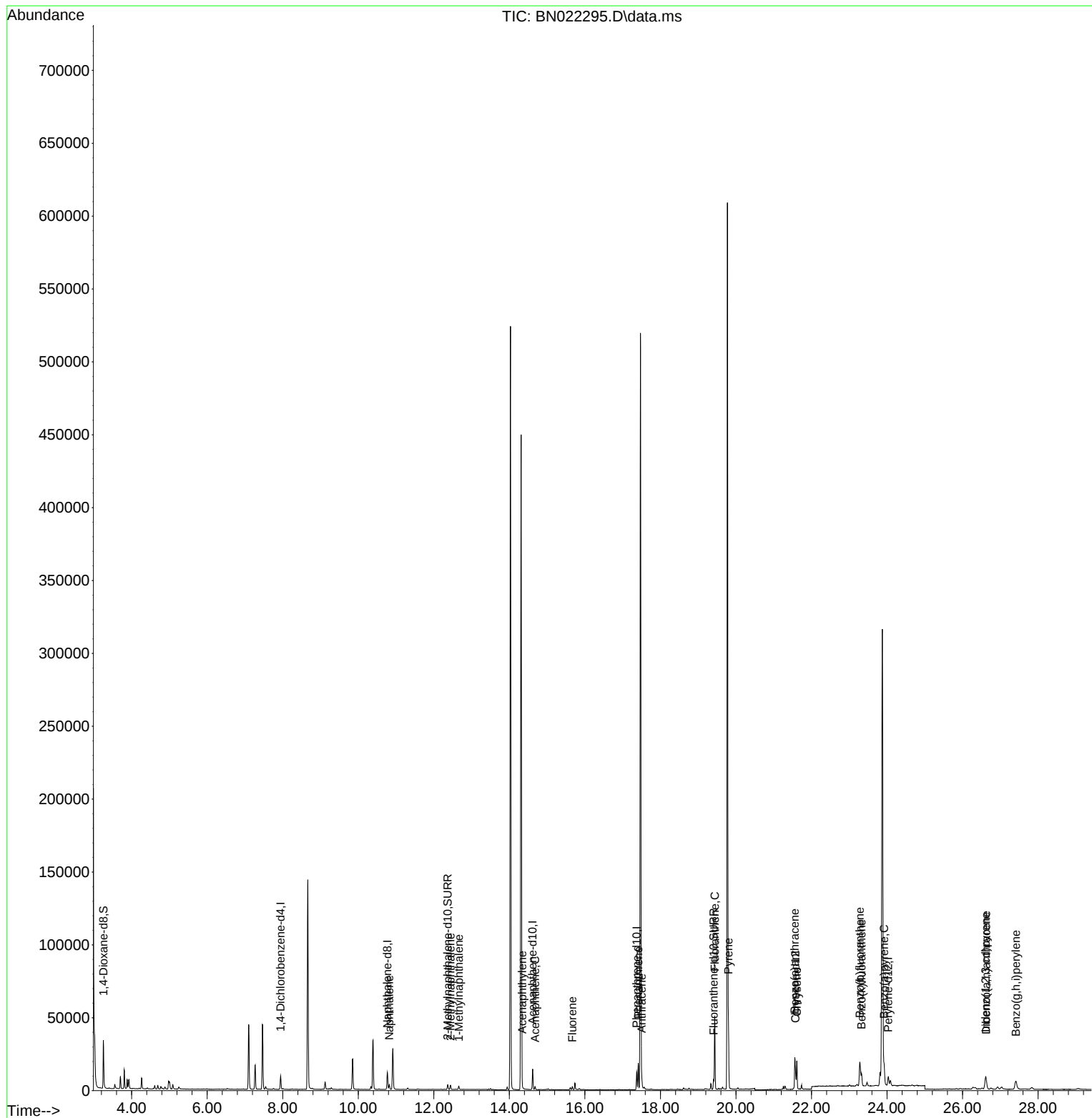
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022295.D
Acq On : 24 Oct 2022 12:46
Operator : CG/JU
Sample : N5119-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

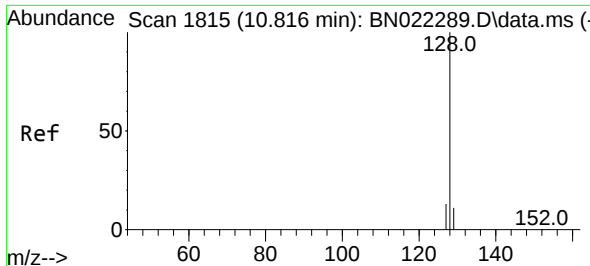
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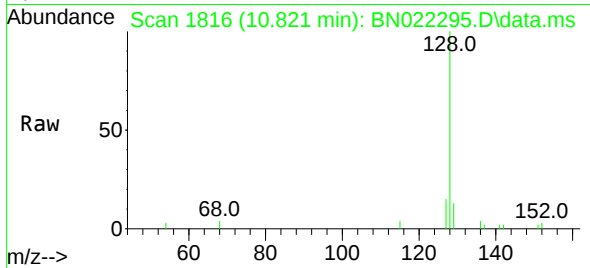
Quant Time: Oct 25 04:12:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.821 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

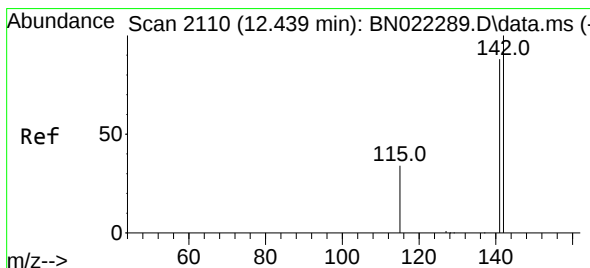
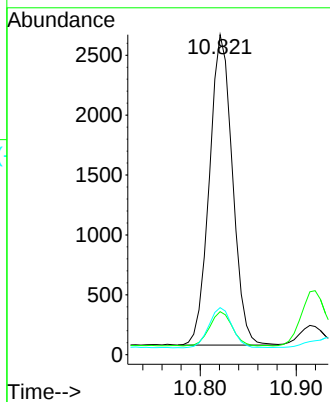
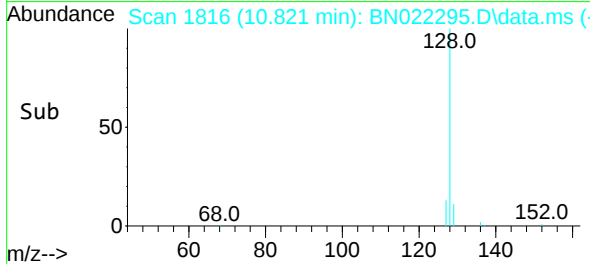
Instrument :
BNA_N
ClientSampleId :
C0BC4



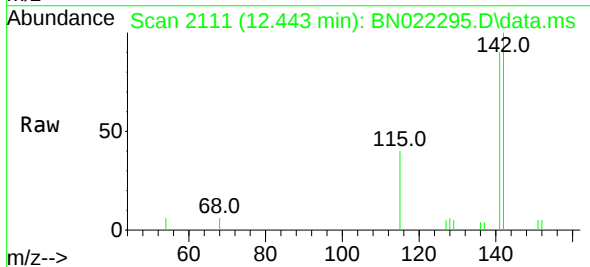
Tgt Ion:128 Resp: 433
Ion Ratio Lower Upper
128 100
129 13.5 9.3 13.9
127 14.7 10.7 16.1

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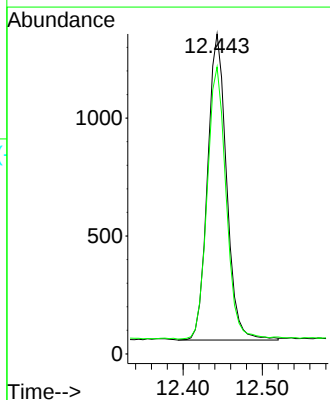
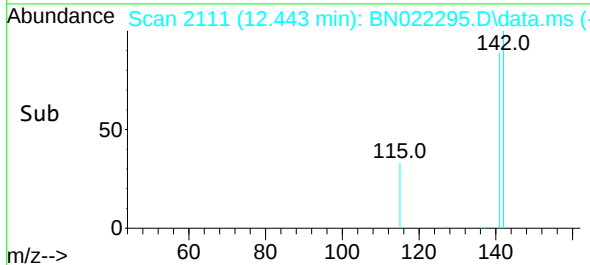
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

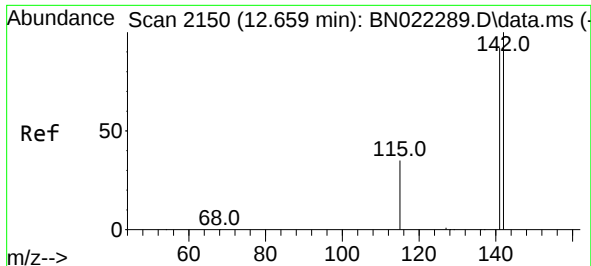


#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46



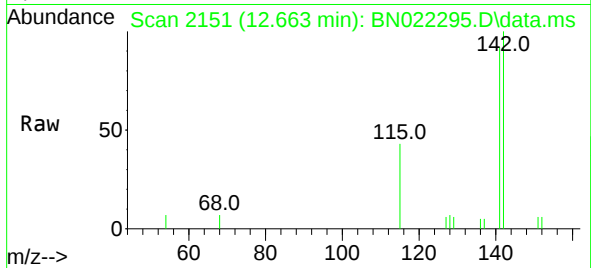
Tgt Ion:142 Resp: 2156
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

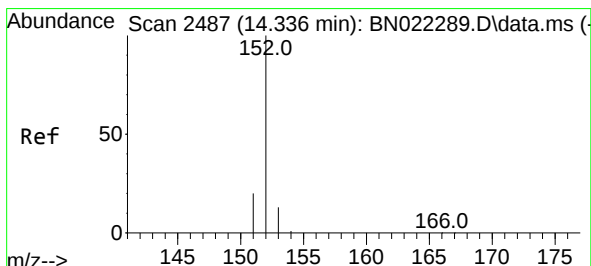
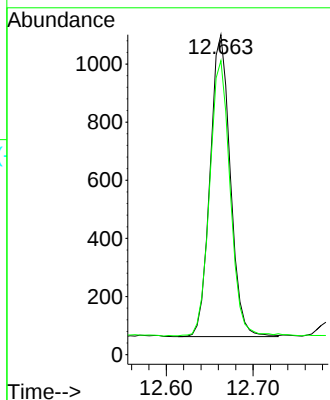
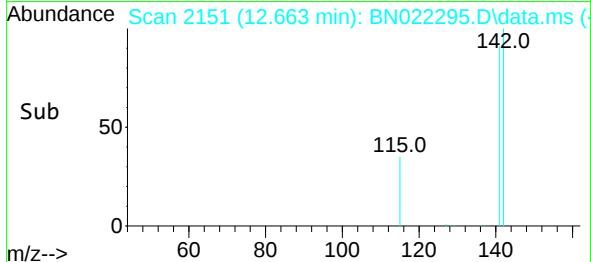
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9

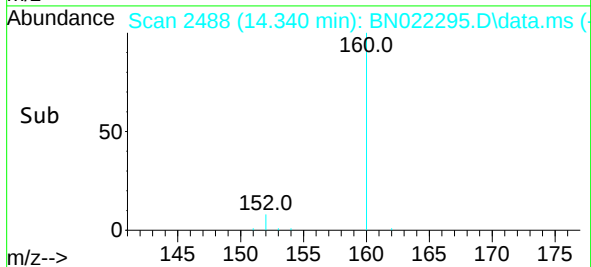
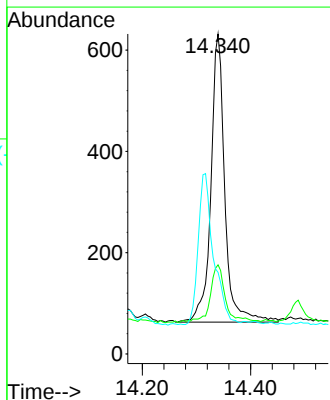
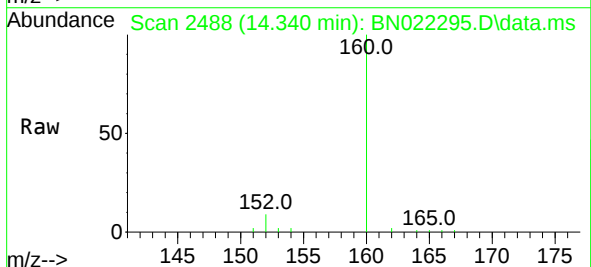
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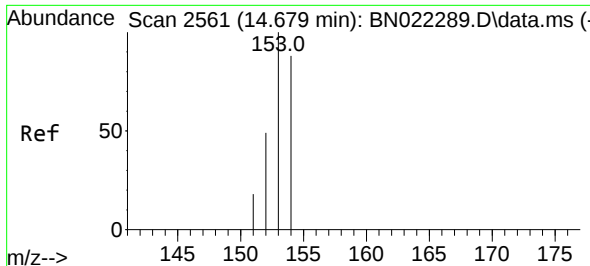
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

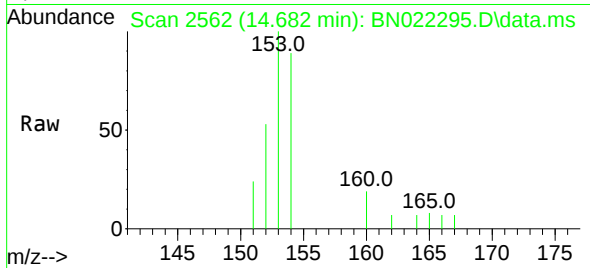
Tgt Ion:152 Resp: 1017
Ion Ratio Lower Upper
152 100
151 27.8 15.9 23.9#
153 25.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.682 min Scan# 2562
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

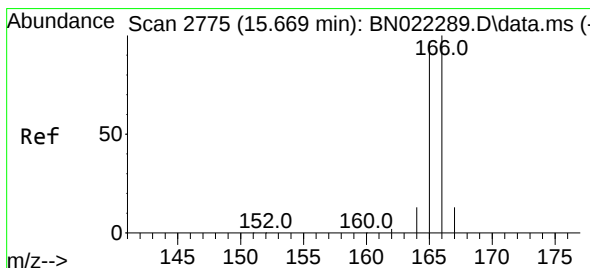
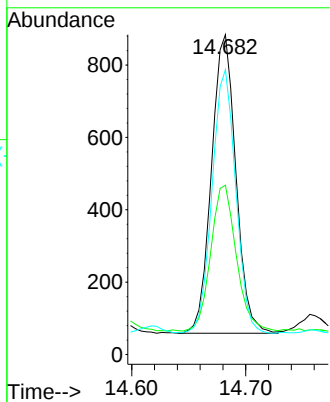
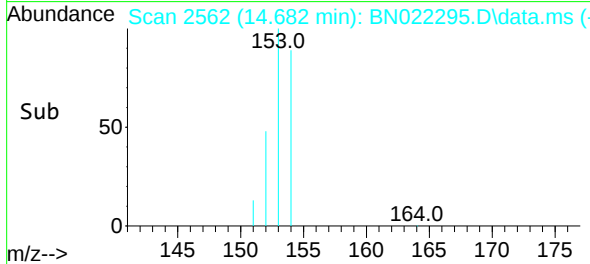
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 1225
Ion Ratio Lower Upper
153 100
152 52.9 40.6 61.0
154 89.0 70.6 106.0

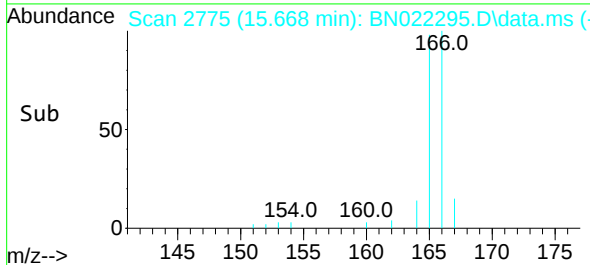
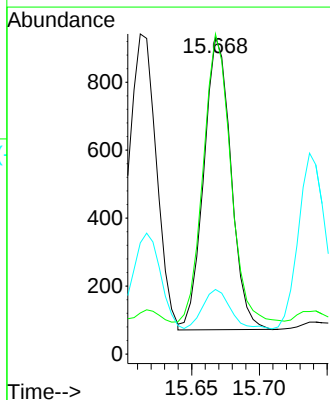
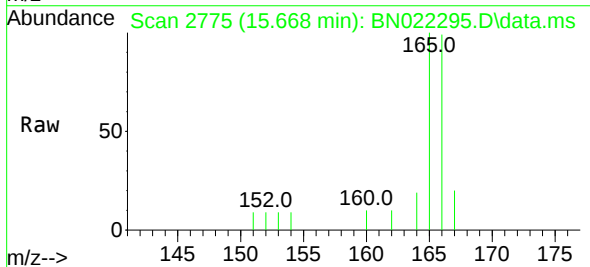
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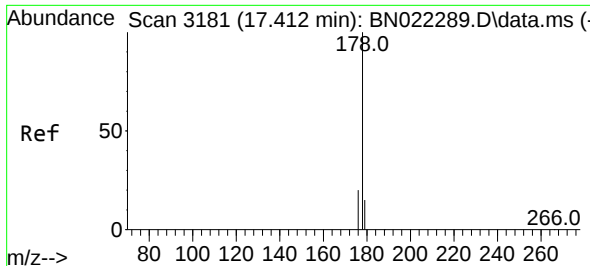
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
Fluorene
Concen: 0.036 ng/u1
RT: 15.668 min Scan# 2775
Delta R.T. -0.006 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

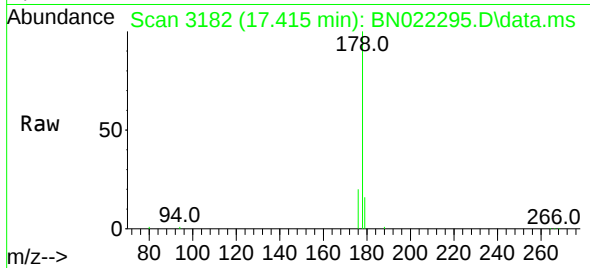
Tgt Ion:166 Resp: 1199
Ion Ratio Lower Upper
166 100
165 100.7 78.2 117.2
167 20.3 11.0 16.4#





#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.415 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

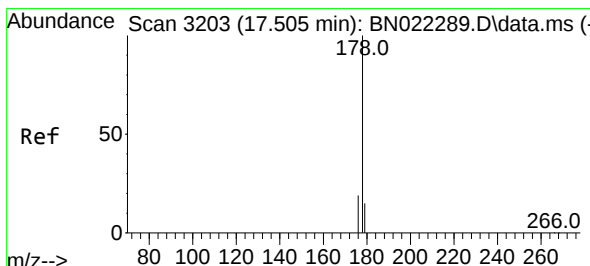
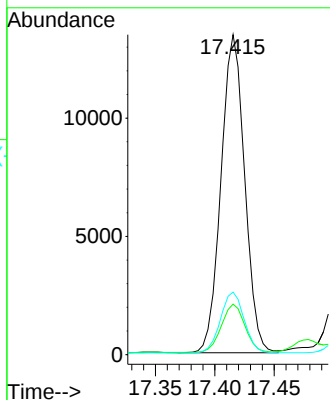
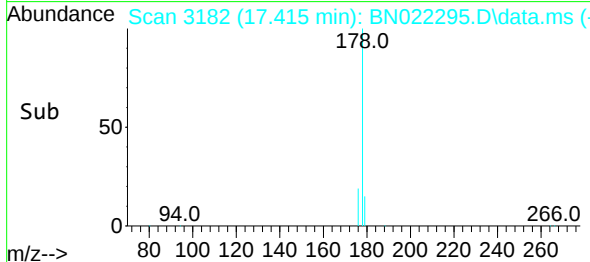
Instrument :
BNA_N
ClientSampleId :
C0BC4



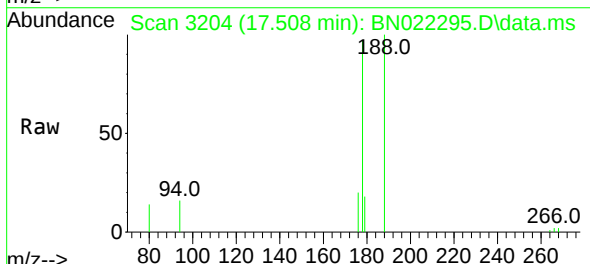
Tgt Ion:178 Resp: 18650
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.6 15.4 23.2

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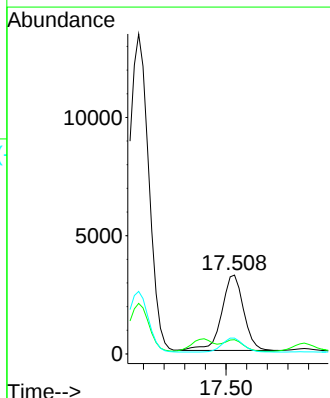
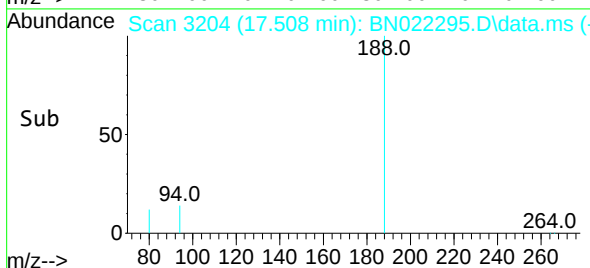
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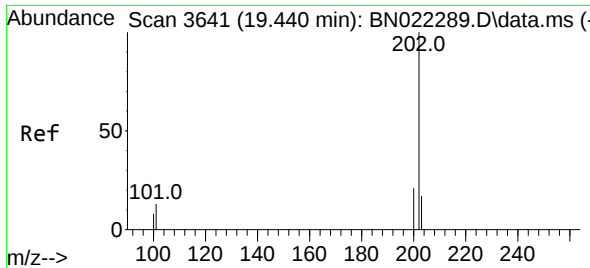


#16
Anthracene
Concen: 0.123 ng/ul
RT: 17.508 min Scan# 3204
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46



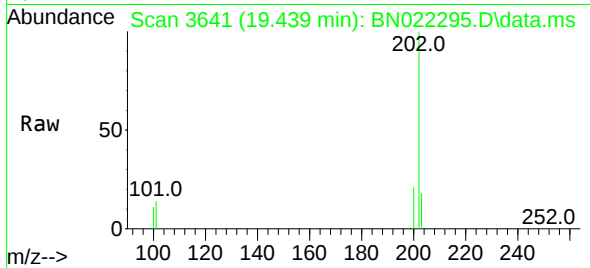
Tgt Ion:178 Resp: 4692
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 20.0 15.0 22.6





#19
Fluoranthene
Concen: 0.943 ng/u1
RT: 19.439 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

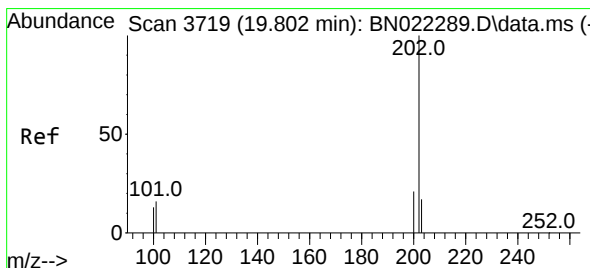
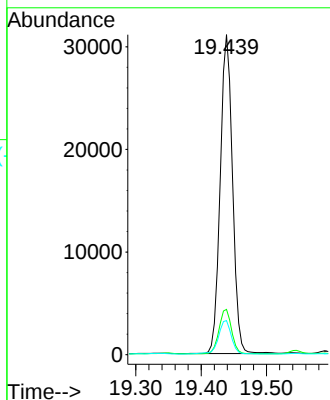
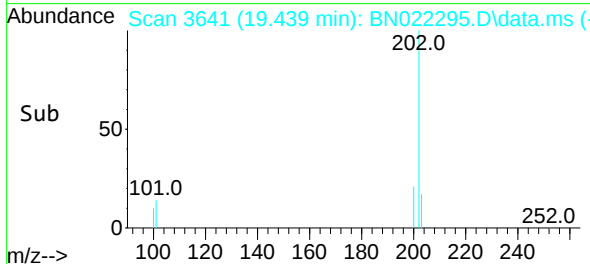
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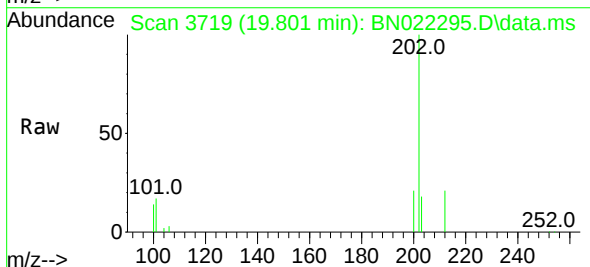
Tgt Ion:202 Resp: 4058
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 8.7 13.1

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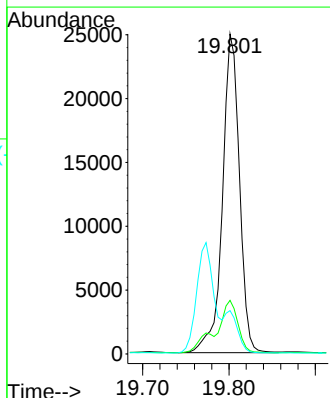
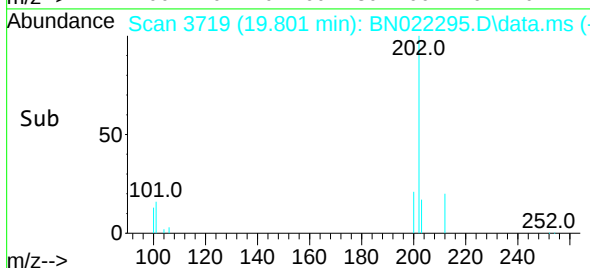
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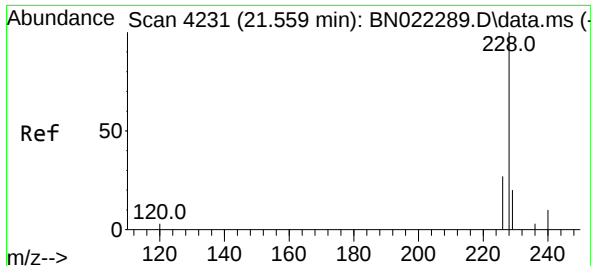


#20
Pyrene
Concen: 0.790 ng/u1
RT: 19.801 min Scan# 3719
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46



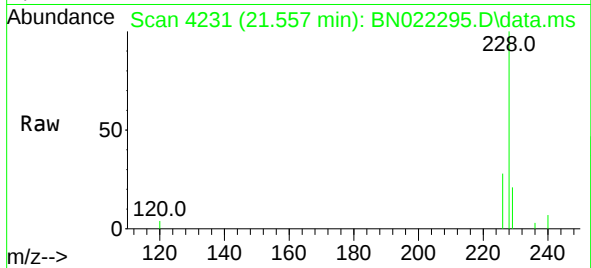
Tgt Ion:202 Resp: 34142
Ion Ratio Lower Upper
202 100
101 16.8 13.1 19.7
100 13.6 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.507 ng/u1
RT: 21.557 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

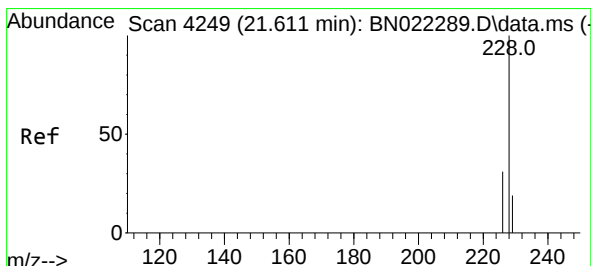
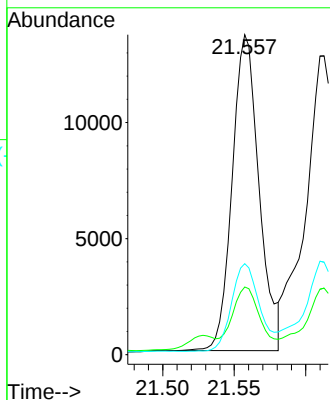
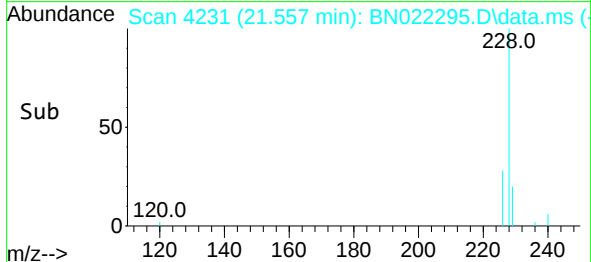
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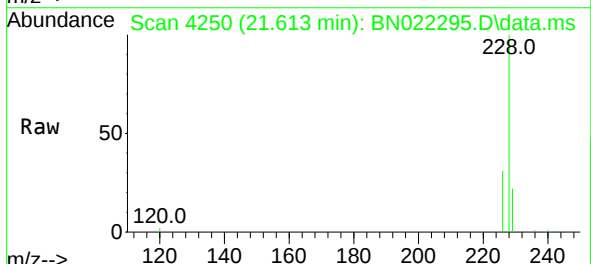
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Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.5 21.5 32.3

Manual Integrations
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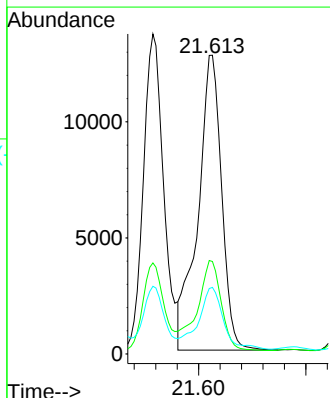
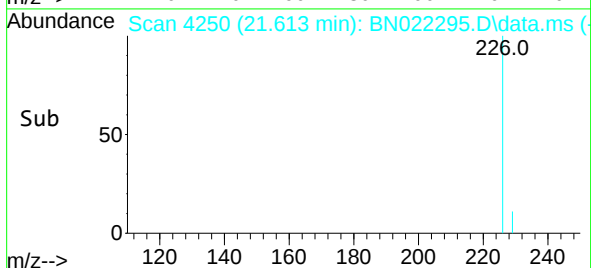
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

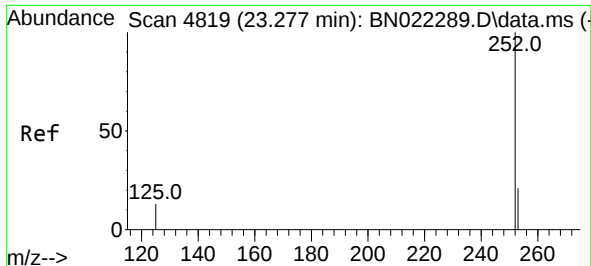


#22
Chrysene
Concen: 0.523 ng/u1
RT: 21.613 min Scan# 4250
Delta R.T. 0.002 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46



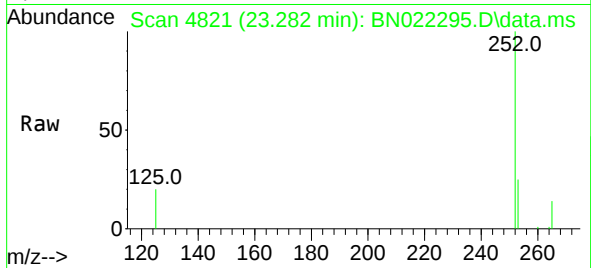
Tgt Ion:228 Resp: 19508
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.669 ng/ul m
RT: 23.282 min Scan# 4821
Delta R.T. 0.005 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

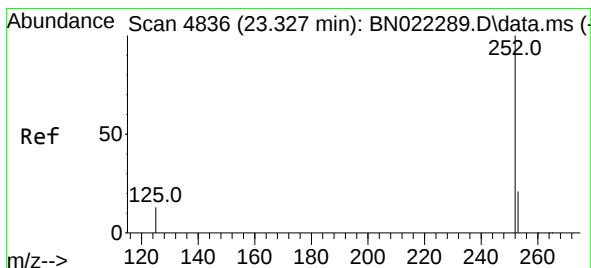
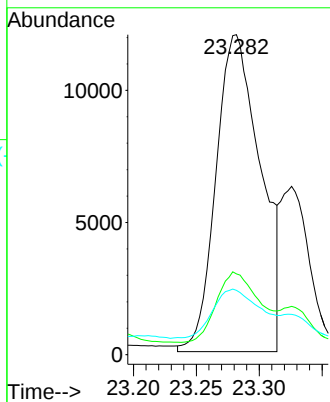
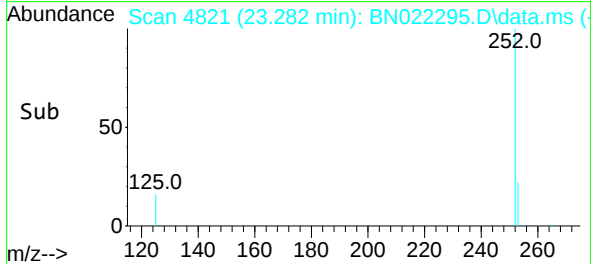
Instrument :
BNA_N
ClientSampleId :
C0BC4



Tgt Ion:252 Resp: 29540
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.0
125 20.1 0.0 35.2

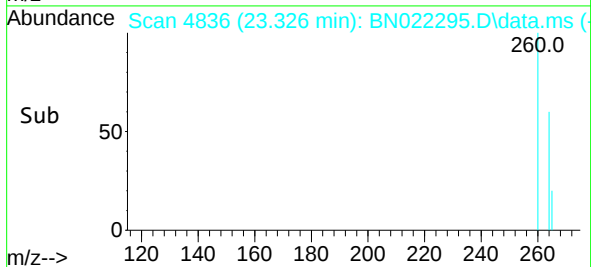
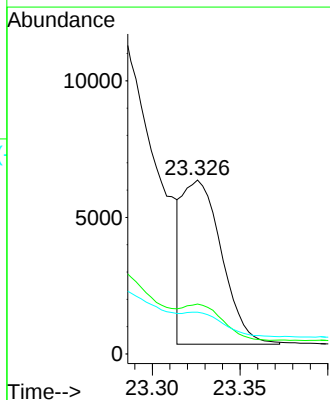
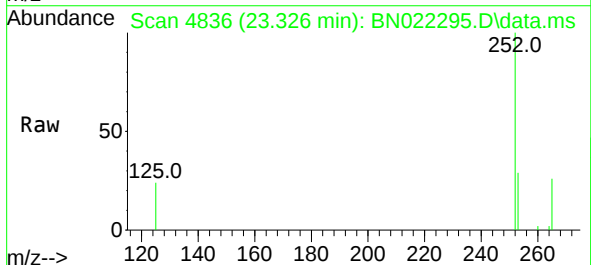
Manual Integrations
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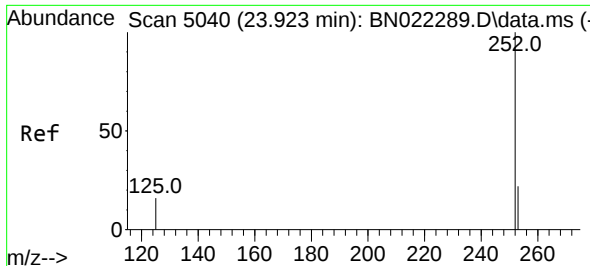
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 23.326 min Scan# 4836
Delta R.T. -0.001 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

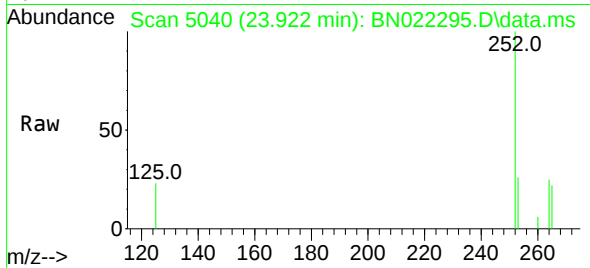
Tgt Ion:252 Resp: 9332
Ion Ratio Lower Upper
252 100
253 28.8 19.7 29.5
125 24.0 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.517 ng/ul
RT: 23.922 min Scan# 5040
Delta R.T. 0.002 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

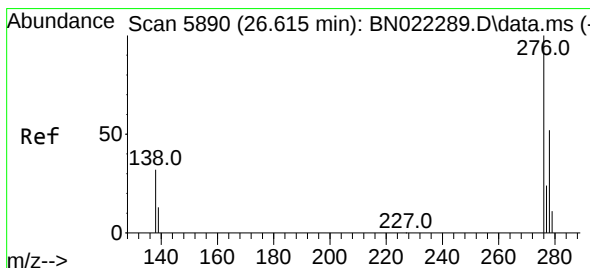
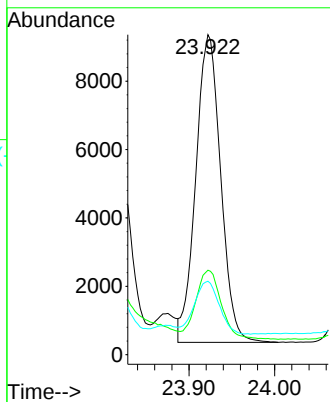
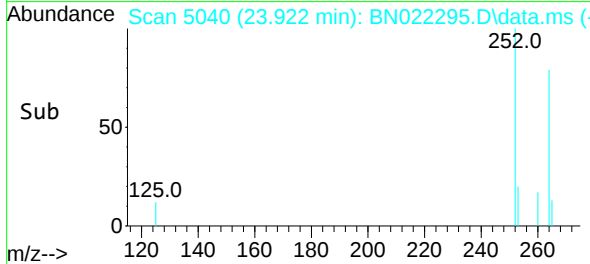
Instrument :
BNA_N
ClientSampleId :
C0BC4



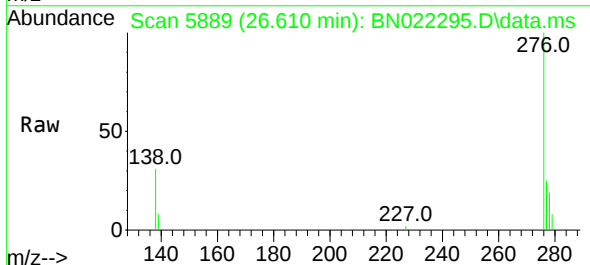
Tgt Ion:252 Resp: 18172
Ion Ratio Lower Upper
252 100
253 26.4 21.0 31.6
125 23.0 17.9 26.9

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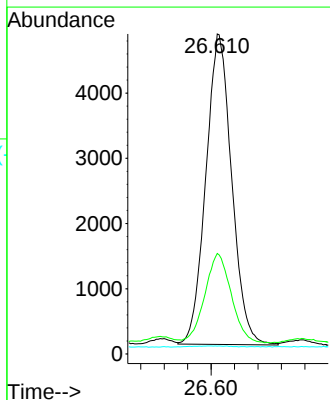
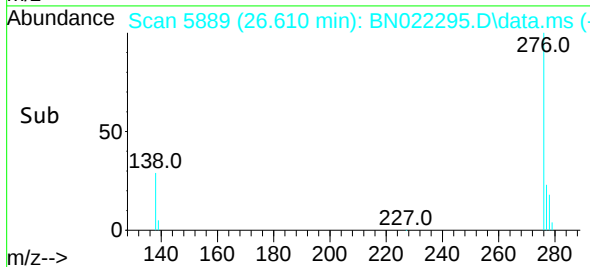
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

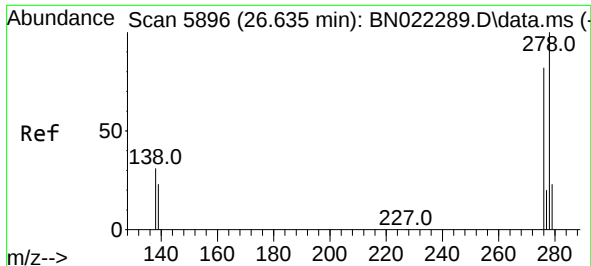


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 26.610 min Scan# 5889
Delta R.T. -0.005 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46



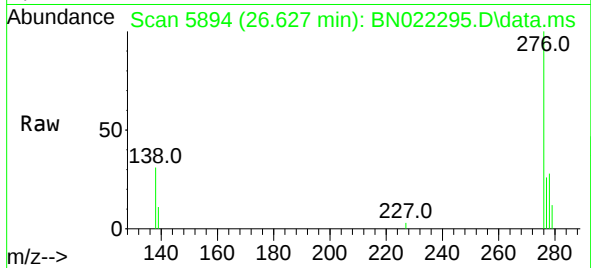
Tgt Ion:276 Resp: 14563
Ion Ratio Lower Upper
276 100
138 29.6 27.7 41.5
227 0.5 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.627 min Scan# 5896
Delta R.T. -0.011 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46

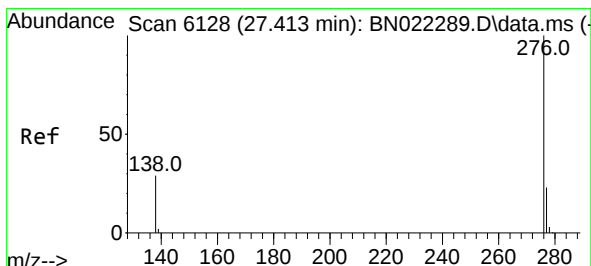
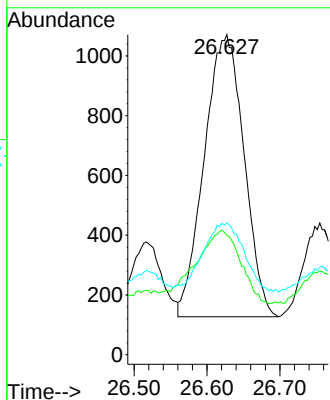
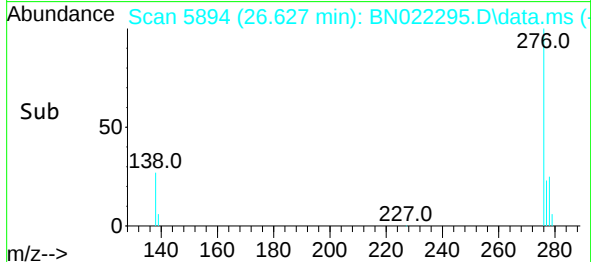
Instrument :
BNA_N
ClientSampleId :
C0BC4



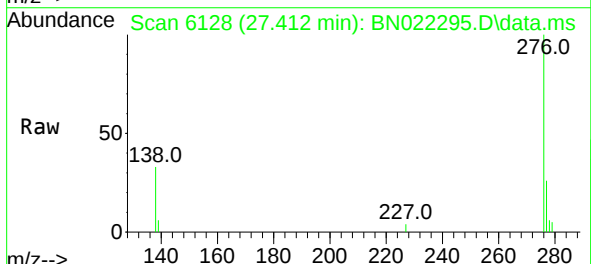
Tgt Ion:278 Resp: 3572
Ion Ratio Lower Upper
278 100
139 37.2 19.6 29.4
279 41.2 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 27.412 min Scan# 6128
Delta R.T. 0.002 min
Lab File: BN022295.D
Acq: 24 Oct 2022 12:46



Tgt Ion:276 Resp: 13107
Ion Ratio Lower Upper
276 100
138 32.9 25.2 37.8
277 26.5 19.9 29.9

