

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022310.D
 Acq On : 24 Oct 2022 22:43
 Operator : CG/JU
 Sample : N5070-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COBL7

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:48:05 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	3647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13421	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7936	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15919	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9387	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	7234	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	17058	3.599	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5605	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	11027	0.350	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	28334	0.715	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	22737	0.910	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	19014	0.740	ng/ul	100
10) Acenaphthylene	14.341	152	4490	0.126	ng/ul#	86
11) Acenaphthene	14.679	153	1063	0.035	ng/ul	94
12) Fluorene	15.669	166	1719	0.049	ng/ul#	88
15) Phenanthrene	17.416	178	68199	1.276	ng/ul	99
16) Anthracene	17.505	178	5260	0.117	ng/ul	94
19) Fluoranthene	19.435	202	94720	2.203	ng/ul	100
20) Pyrene	19.802	202	77009	1.783	ng/ul	99
21) Benzo(a)anthracene	21.556	228	29835	0.848	ng/ul	97
22) Chrysene	21.608	228	38005	1.019	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	44340m	1.221	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	15388m	0.436	ng/ul	
26) Benzo(a)pyrene	23.920	252	26380	0.911	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.612	276	20468	0.569	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.618	278	5107	0.178	ng/ul#	77
29) Benzo(g,h,i)perylene	27.410	276	18209	0.621	ng/ul	99

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

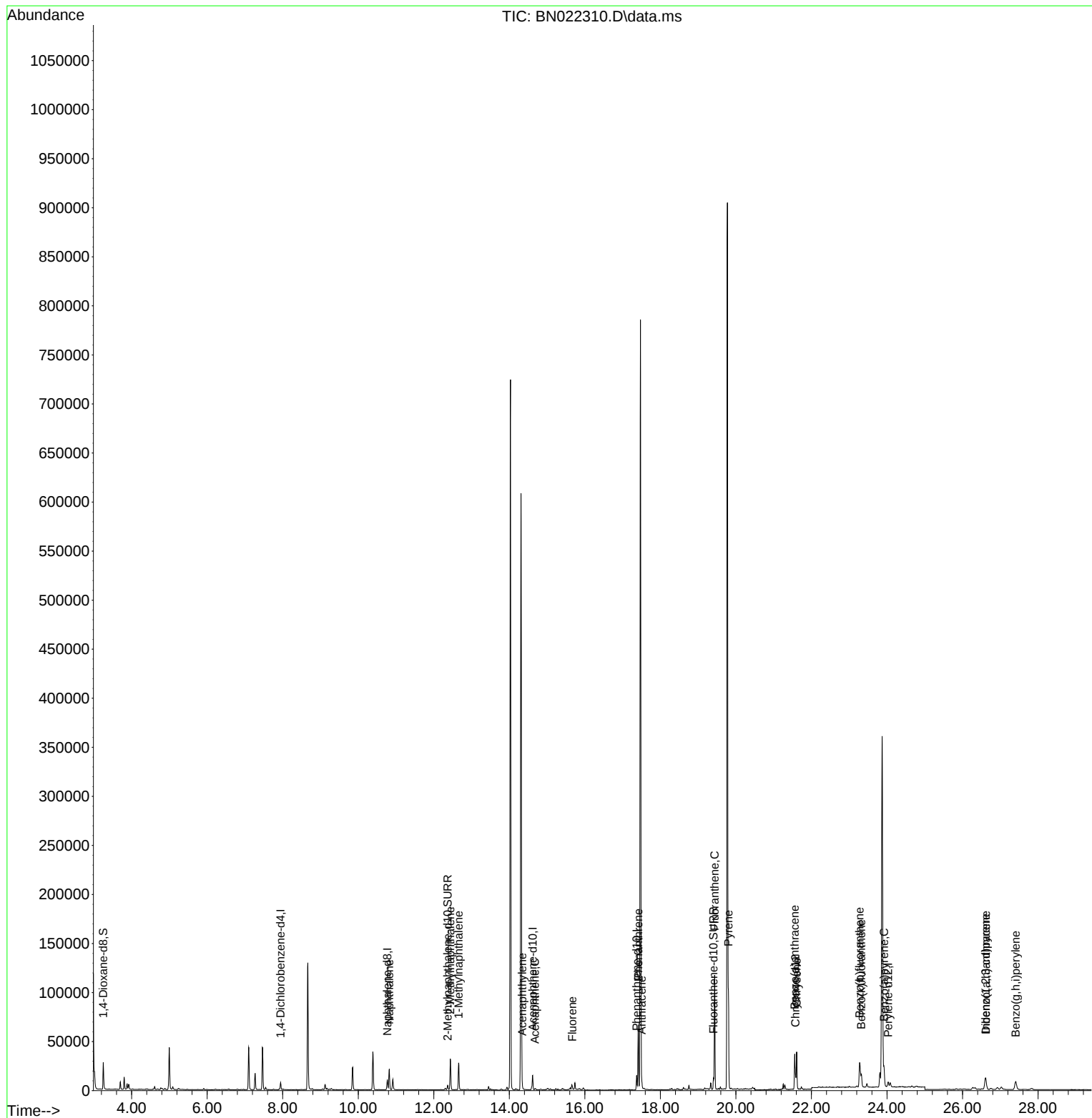
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022310.D
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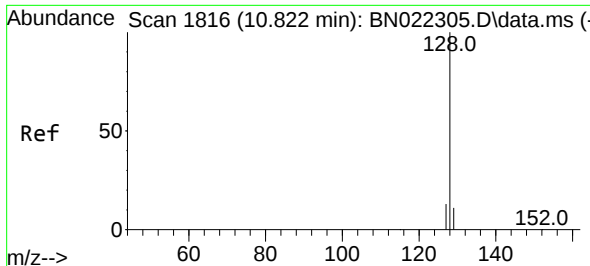
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C0BL7

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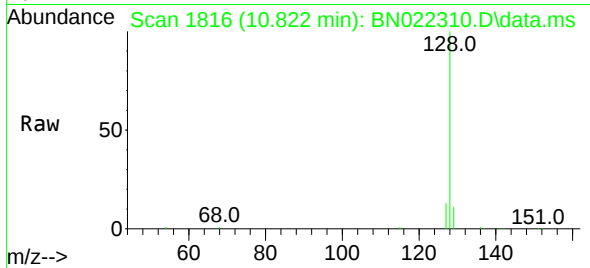
Quant Time: Oct 25 04:48:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.715 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

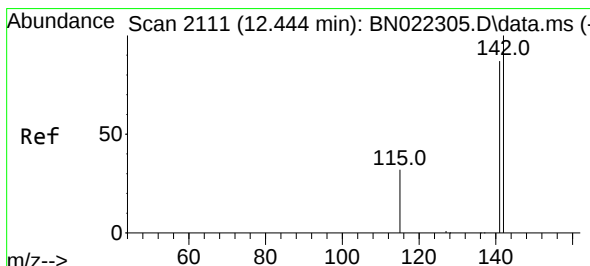
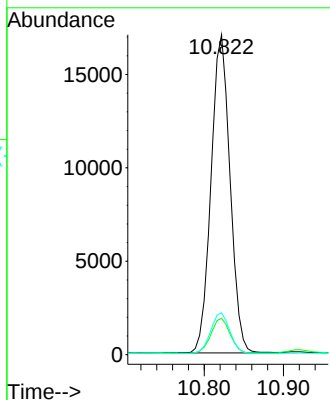
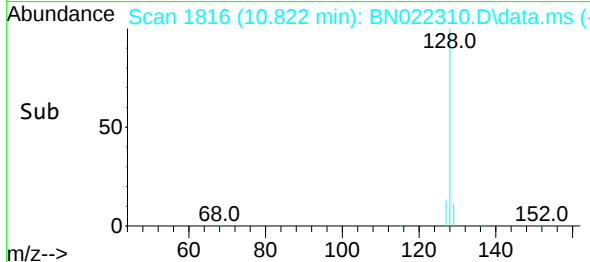
Instrument :
BNA_N
ClientSampleId :
C0BL7



Tgt Ion:128 Resp: 28334
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.1 10.7 16.1

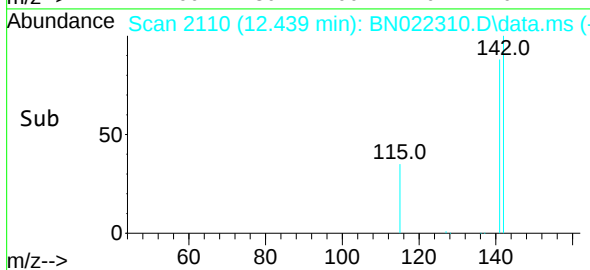
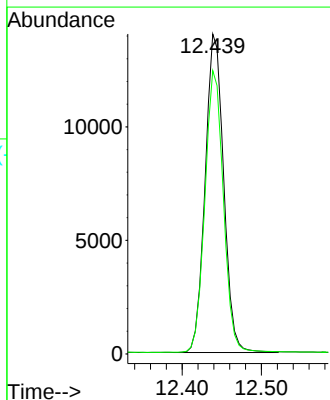
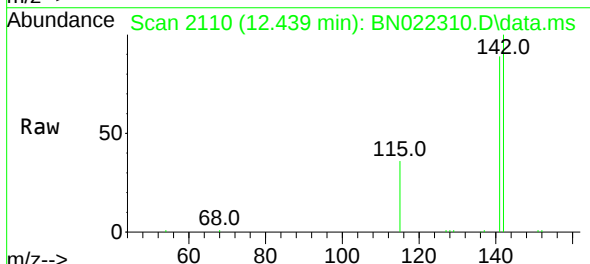
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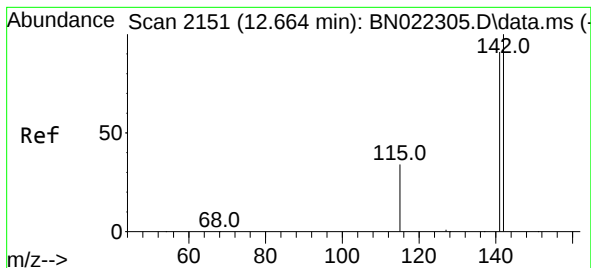
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.910 ng/ul
RT: 12.439 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

Tgt Ion:142 Resp: 22737
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.740 ng/ul

RT: 12.659 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BN022310.D

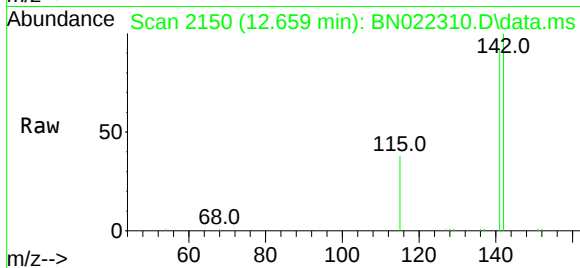
Acq: 24 Oct 2022 22:43

Instrument :

BNA_N

ClientSampleId :

C0BL7



Tgt Ion:142 Resp: 19014

Ion Ratio Lower Upper

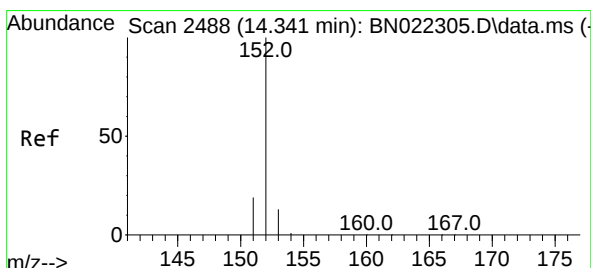
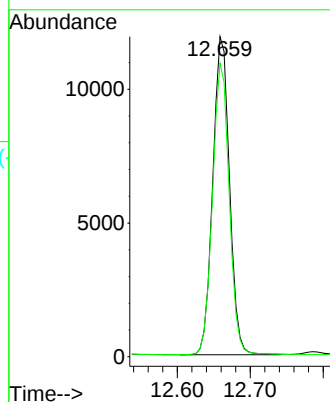
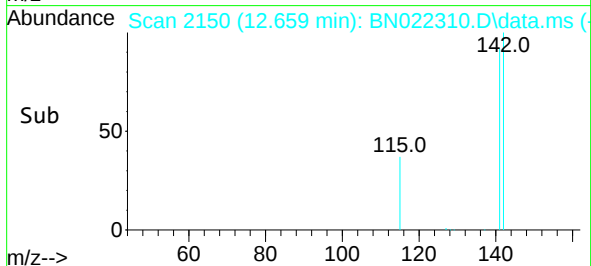
142 100

141 91.4 73.3 109.9

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#10

Acenaphthylene

Concen: 0.126 ng/ul

RT: 14.341 min Scan# 2488

Delta R.T. -0.000 min

Lab File: BN022310.D

Acq: 24 Oct 2022 22:43

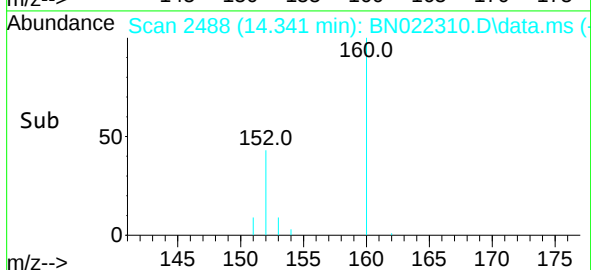
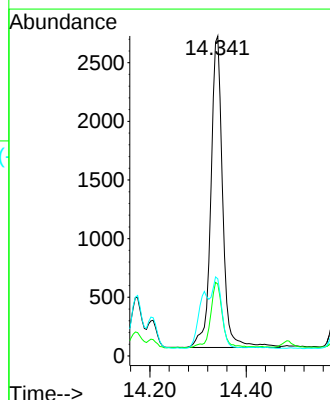
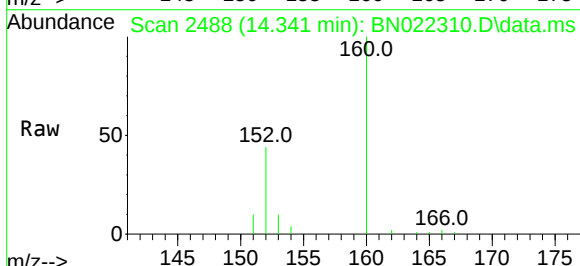
Tgt Ion:152 Resp: 4490

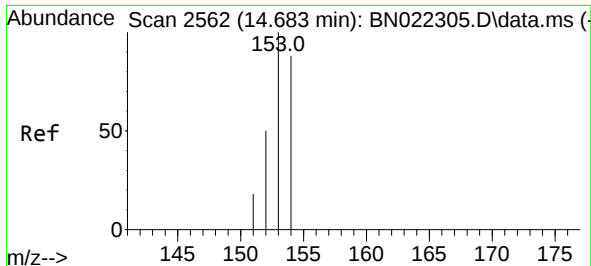
Ion Ratio Lower Upper

152 100

151 22.5 15.9 23.9

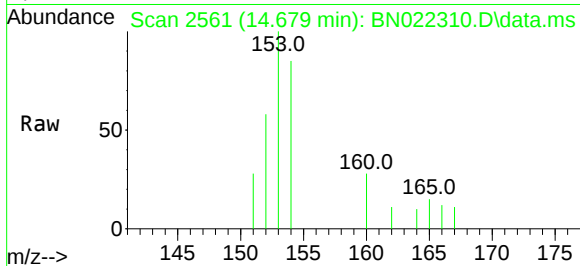
153 24.1 10.8 16.2#





#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

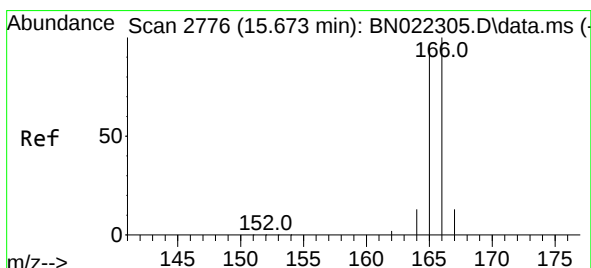
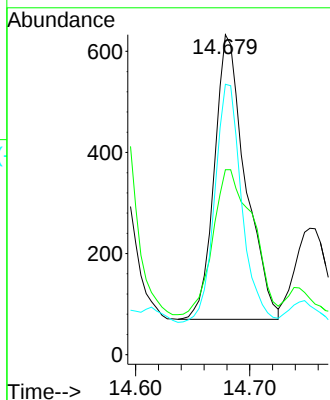
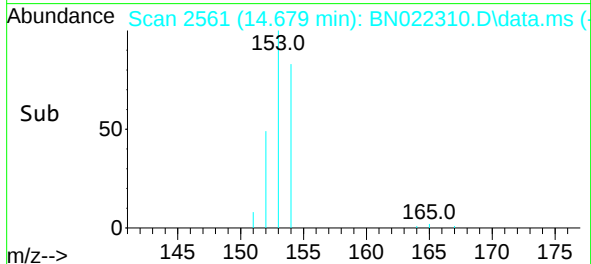
Instrument :
BNA_N
ClientSampleId :
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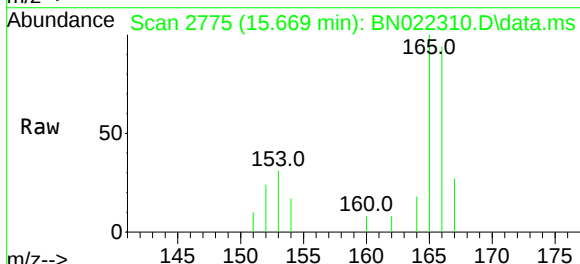
Tgt Ion:153 Resp: 106
Ion Ratio Lower Upper
153 100
152 57.8 40.6 61.0
154 84.5 70.6 106.0

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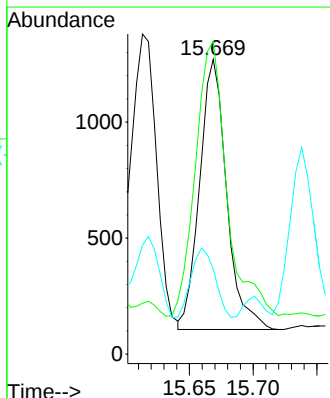
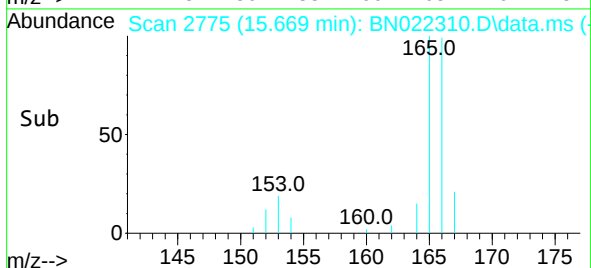
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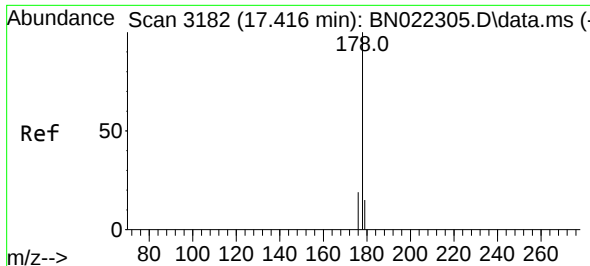


#12
Fluorene
Concen: 0.049 ng/u1
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43



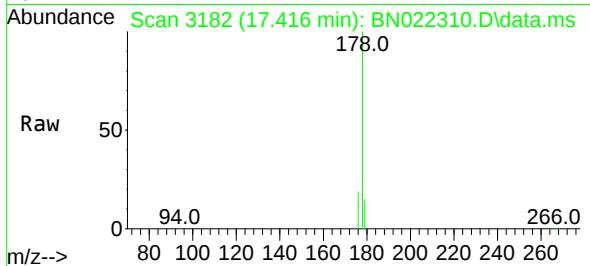
Tgt Ion:166 Resp: 1719
Ion Ratio Lower Upper
166 100
165 106.1 78.2 117.2
167 28.8 11.0 16.4#





#15
Phenanthrene
Concen: 1.276 ng/ul
RT: 17.416 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

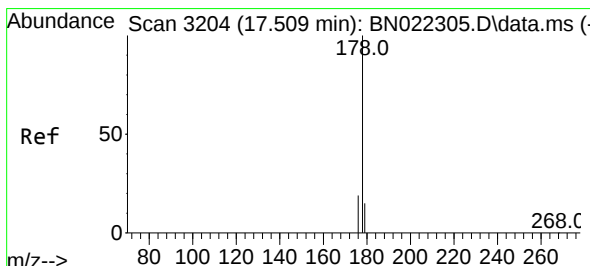
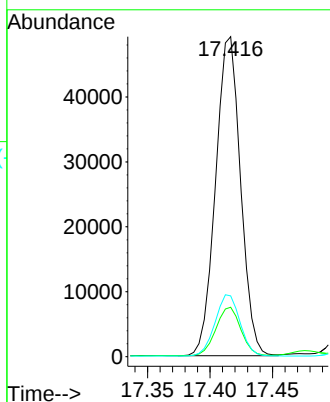
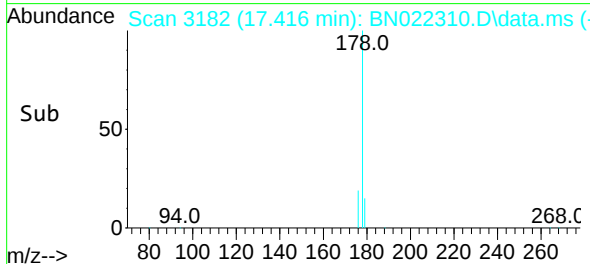
Instrument :
BNA_N
ClientSampleId :
C0BL7



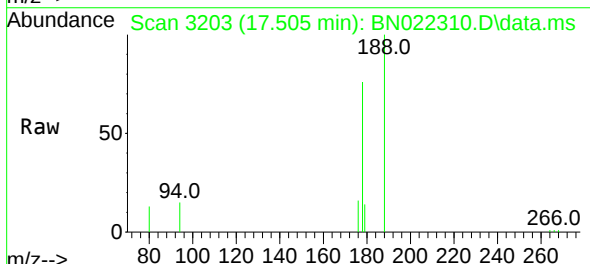
Tgt Ion:178 Resp: 68199
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.0 15.4 23.2

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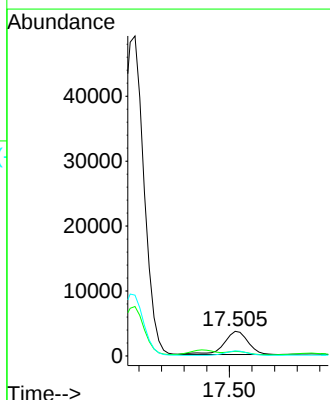
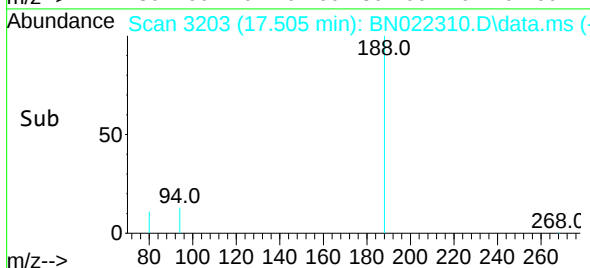
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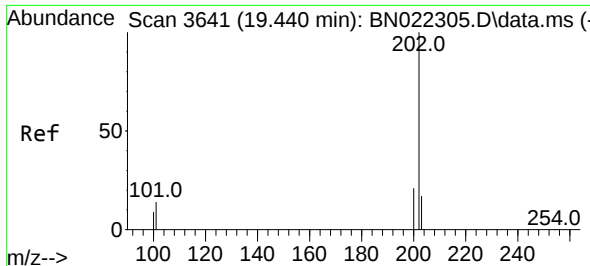


#16
Anthracene
Concen: 0.117 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43



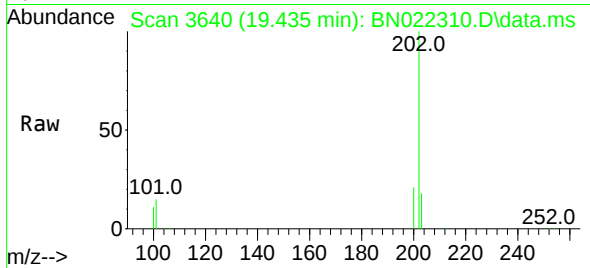
Tgt Ion:178 Resp: 5260
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 20.7 15.0 22.6





#19
Fluoranthene
Concen: 2.203 ng/u1
RT: 19.435 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

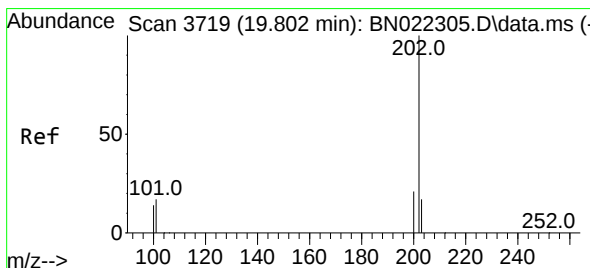
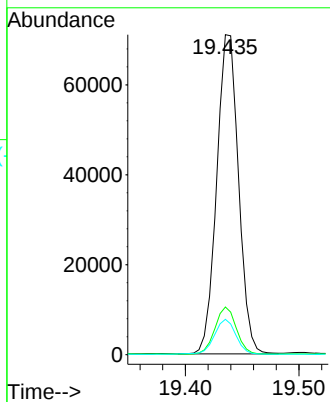
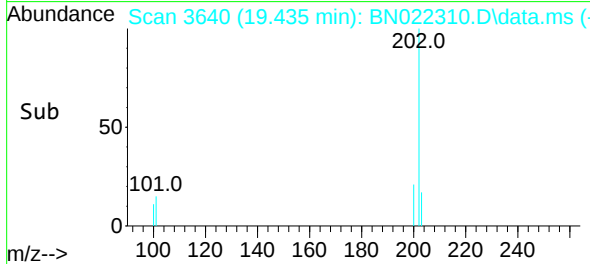
Instrument :
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ClientSampleId :
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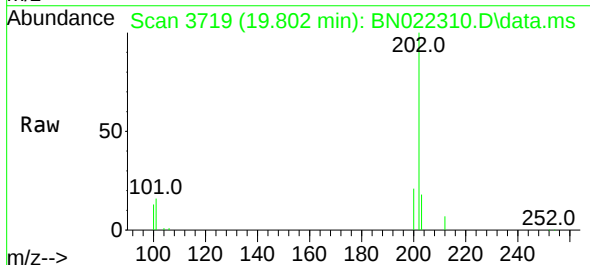
Tgt Ion:202 Resp: 94720
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.1 8.7 13.1

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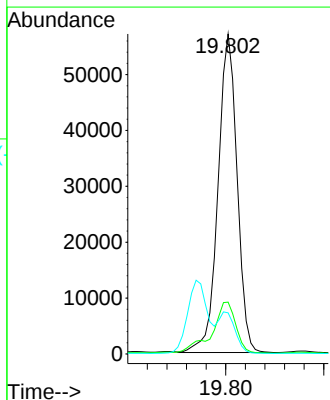
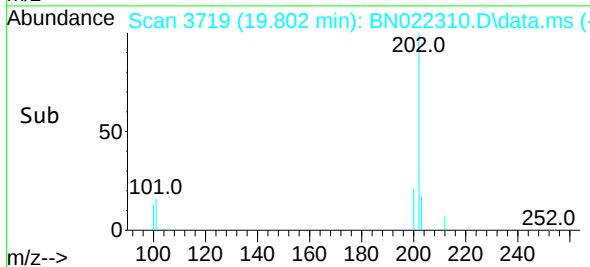
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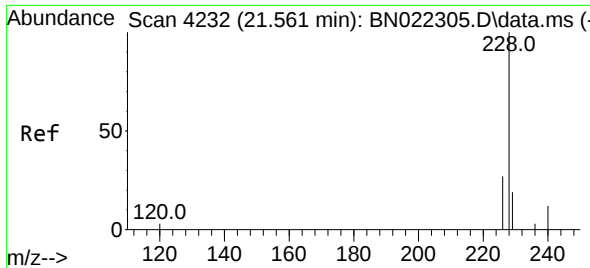


#20
Pyrene
Concen: 1.783 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43



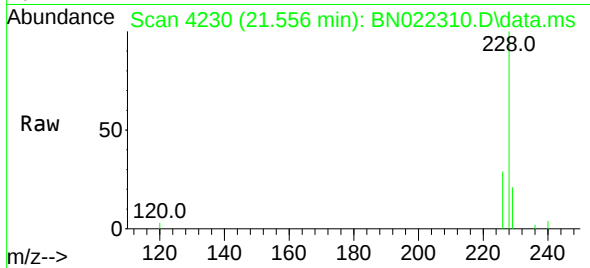
Tgt Ion:202 Resp: 77009
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.9 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.848 ng/u1
RT: 21.556 min Scan# 4232
Delta R.T. -0.003 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

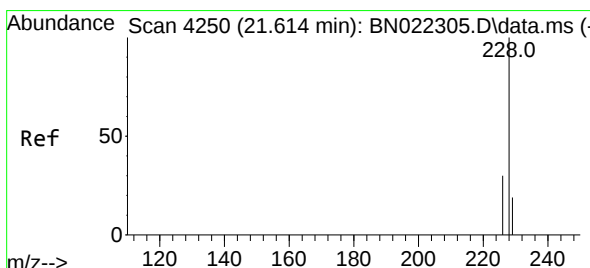
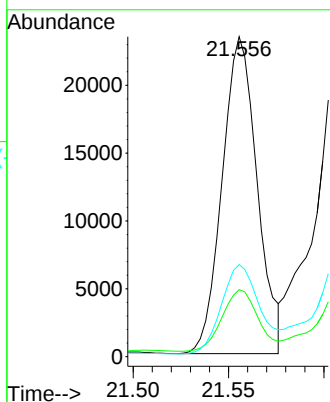
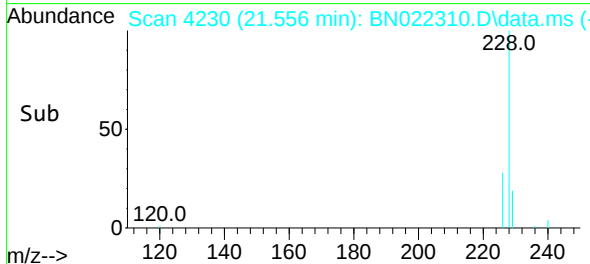
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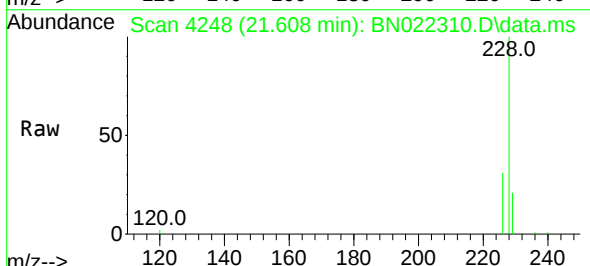
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Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.8 21.5 32.3

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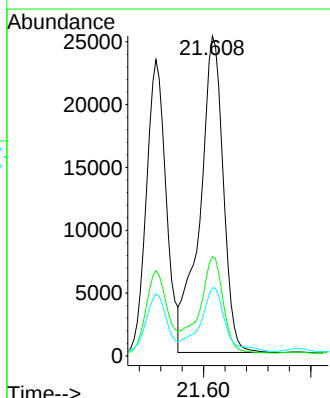
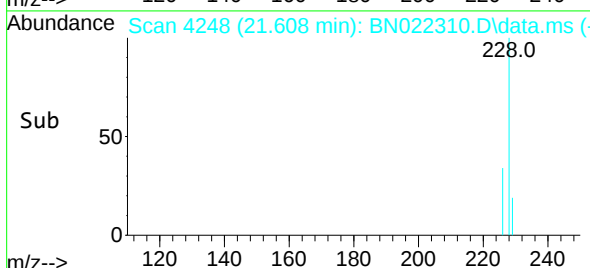
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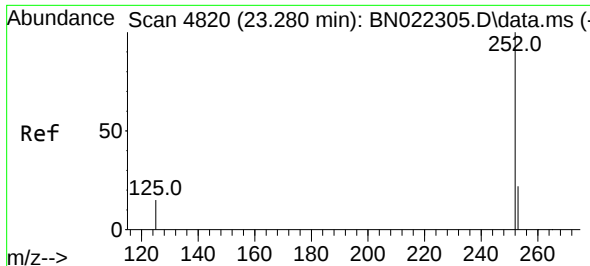


#22
Chrysene
Concen: 1.019 ng/u1
RT: 21.608 min Scan# 4248
Delta R.T. -0.003 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43



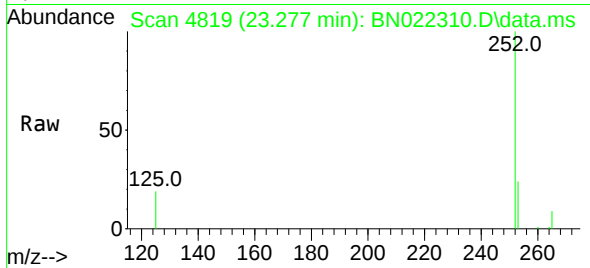
Tgt Ion:228 Resp: 38005
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 21.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.221 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

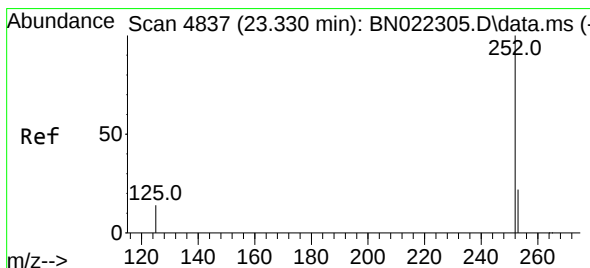
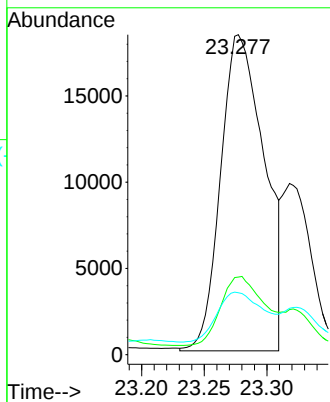
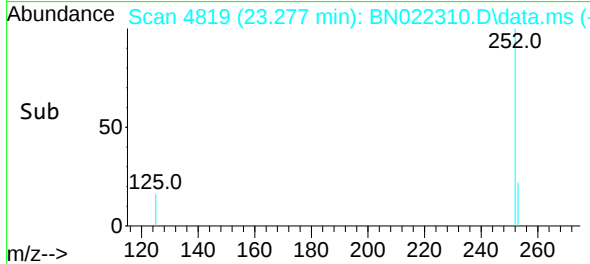
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 44340
Ion Ratio Lower Upper
252 100
253 24.2 0.0 49.0
125 19.3 0.0 35.2

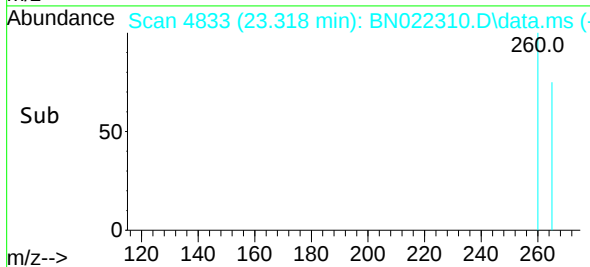
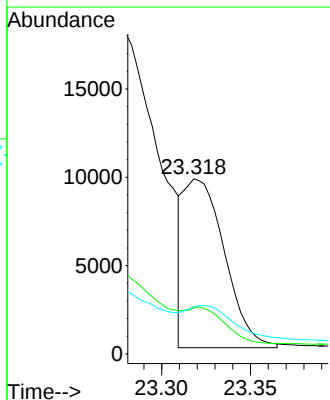
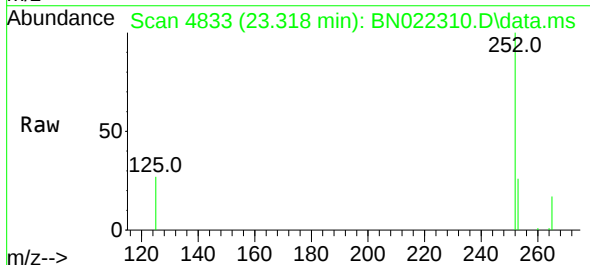
Manual Integrations
APPROVED

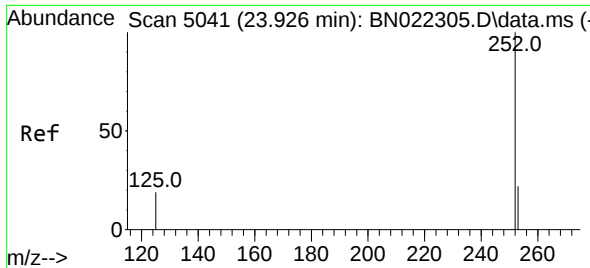
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul m
RT: 23.318 min Scan# 4833
Delta R.T. -0.009 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

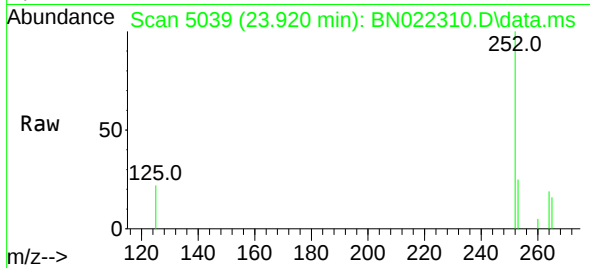
Tgt Ion:252 Resp: 15388
Ion Ratio Lower Upper
252 100
253 26.3 19.7 29.5
125 27.1 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.911 ng/ul
RT: 23.920 min Scan# 5041
Delta R.T. -0.000 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

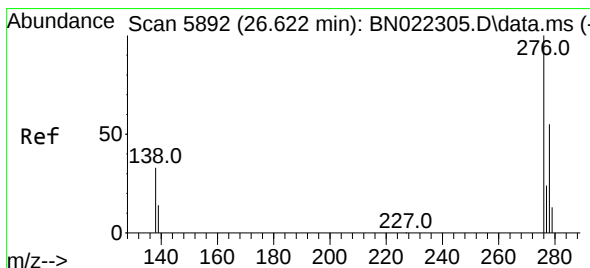
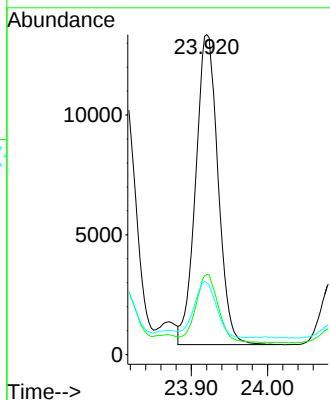
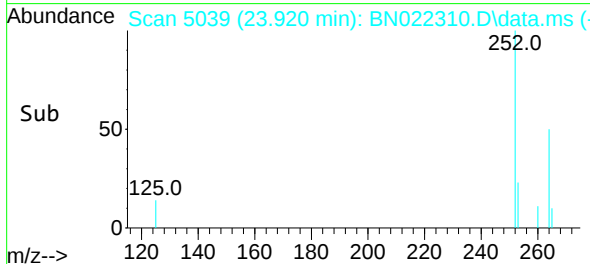
Instrument :
BNA_N
ClientSampleId :
C0BL7



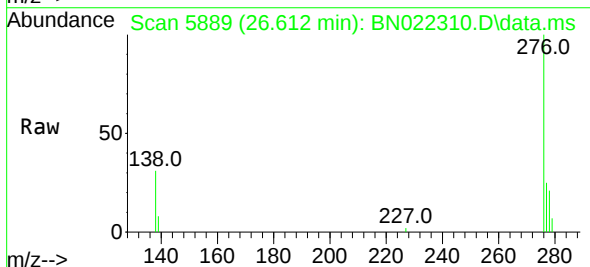
Tgt Ion:252 Resp: 26380
Ion Ratio Lower Upper
252 100
253 25.1 21.0 31.6
125 22.5 17.9 26.9

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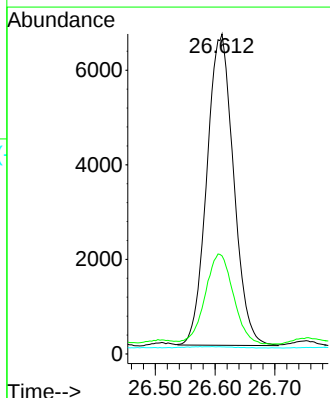
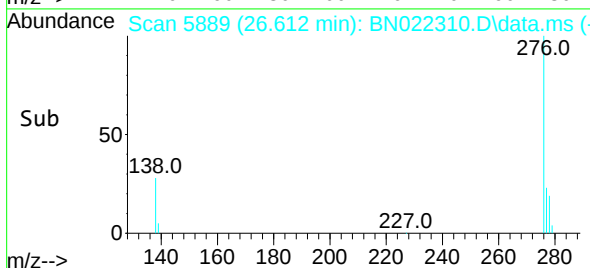
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

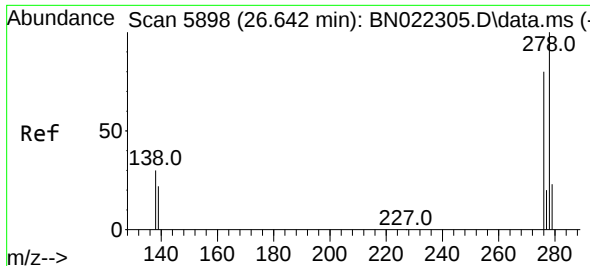


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.569 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43



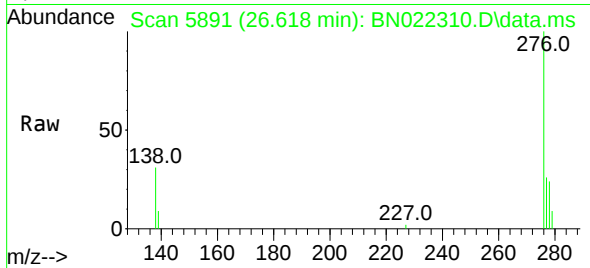
Tgt Ion:276 Resp: 20468
Ion Ratio Lower Upper
276 100
138 30.6 27.7 41.5
227 0.7 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 26.618 min Scan# 5898
Delta R.T. -0.020 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43

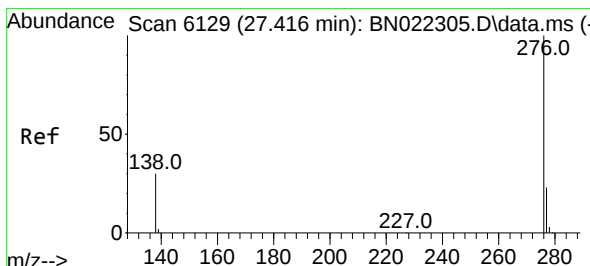
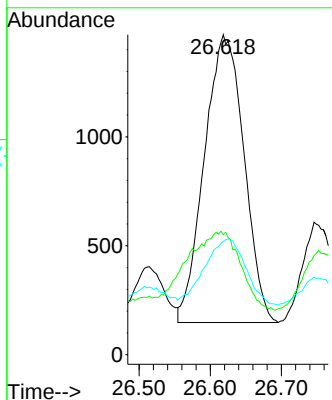
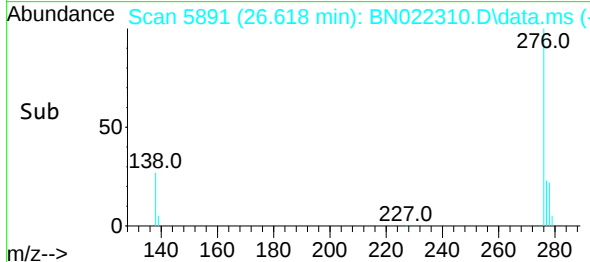
Instrument :
BNA_N
ClientSampleId :
C0BL7



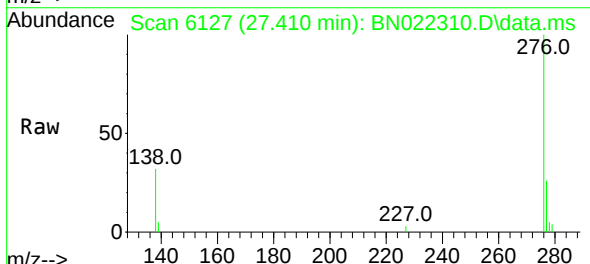
Tgt Ion:278 Resp: 510
Ion Ratio Lower Upper
278 100
139 37.6 19.6 29.4
279 35.5 20.6 30.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.621 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. -0.000 min
Lab File: BN022310.D
Acq: 24 Oct 2022 22:43



Tgt Ion:276 Resp: 18209
Ion Ratio Lower Upper
276 100
138 32.3 25.2 37.8
277 25.6 19.9 29.9

