

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022280.D
 Acq On : 22 Oct 2022 07:38
 Operator : CG/JU
 Sample : N5064-14DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 12:05:51 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	5047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	17322	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	9673	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	18791	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10949	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	8110	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5736	0.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1513	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2632	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	14837	0.290	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	8197	0.254	ng/ul	100
8) 1-Methylnaphthalene	12.658	142	6982	0.211	ng/ul	100
10) Acenaphthylene	14.336	152	6913	0.159	ng/ul#	94
11) Acenaphthene	14.679	153	6452	0.176	ng/ul	100
12) Fluorene	15.669	166	6235	0.147	ng/ul#	99
15) Phenanthrene	17.412	178	204528	3.242	ng/ul	99
16) Anthracene	17.505	178	33259	0.626	ng/ul	100
19) Fluoranthene	19.440	202	263254	5.249	ng/ul	97
20) Pyrene	19.802	202	216253	4.292	ng/ul	99
21) Benzo(a)anthracene	21.555	228	88462	2.156	ng/ul	98
22) Chrysene	21.611	228	91413	2.102	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	97826m	2.402	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	36529m	0.922	ng/ul	
26) Benzo(a)pyrene	23.917	252	64945	2.000	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.601	276	43147	1.069	ng/ul	92
28) Dibenzo(a,h)anthracene	26.618	278	11408	0.354	ng/ul	92
29) Benzo(g,h,i)perylene	27.403	276	35656	1.084	ng/ul	99

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

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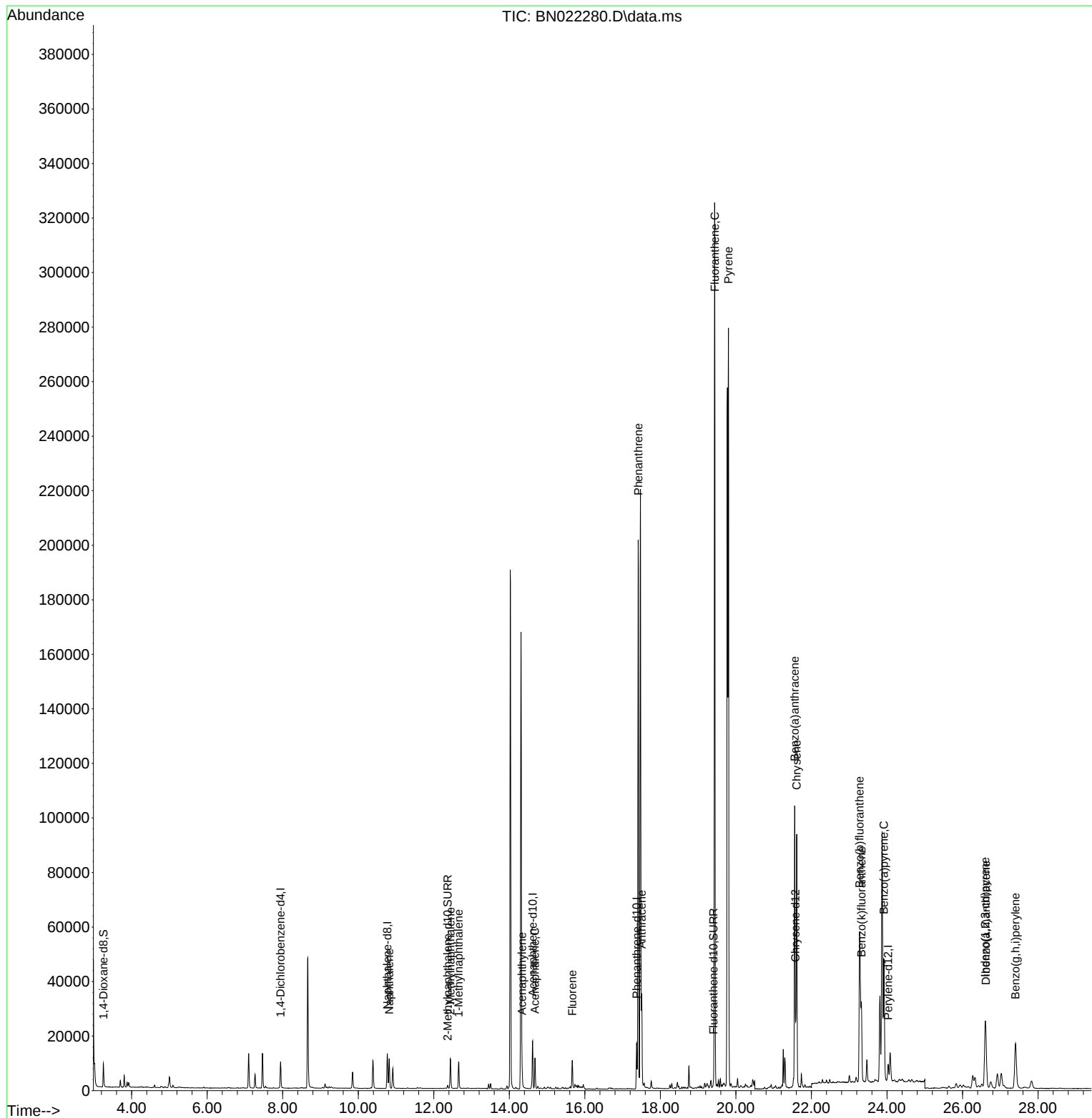
Quant Time: Oct 22 12:05:51 2022

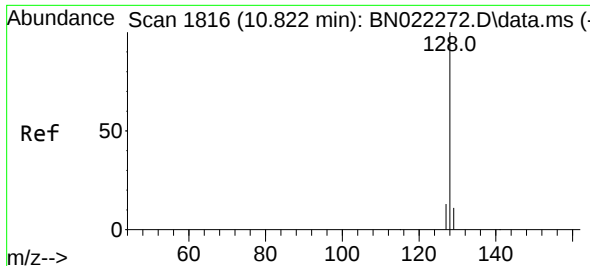
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Oct 22 03:40:14 2022

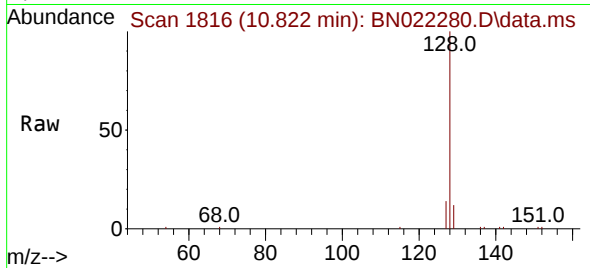
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

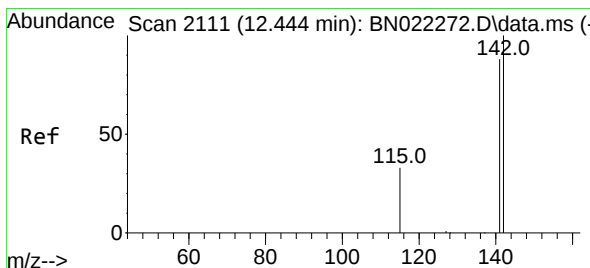
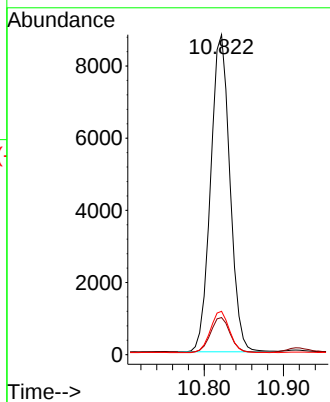
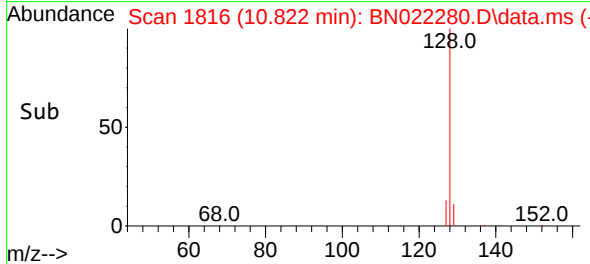
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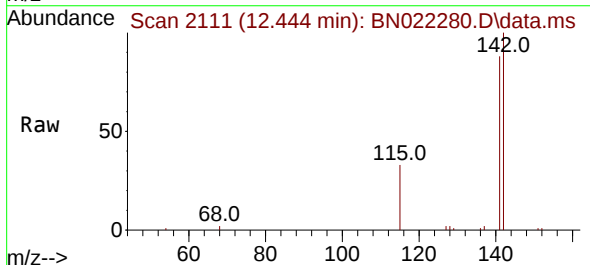
Tgt Ion:128 Resp: 1483
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.7 16.1

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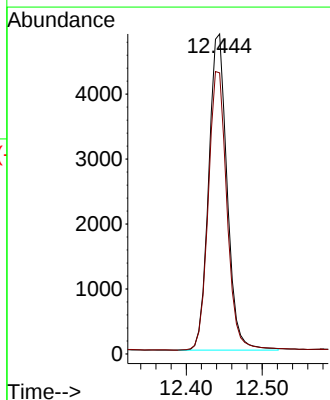
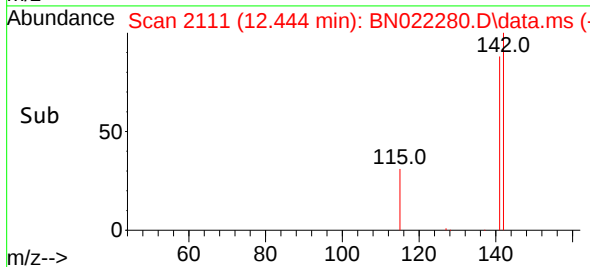
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

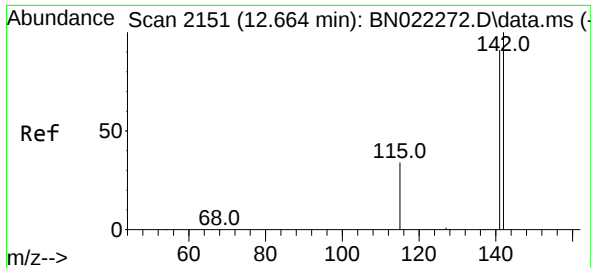


#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38



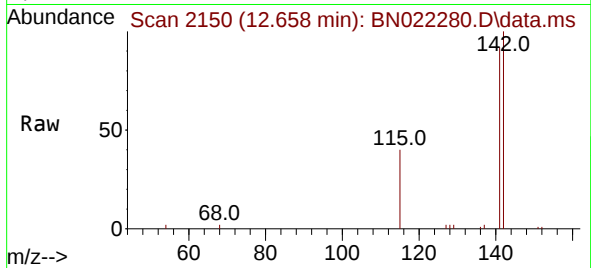
Tgt Ion:142 Resp: 8197
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.211 ng/ul
RT: 12.658 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

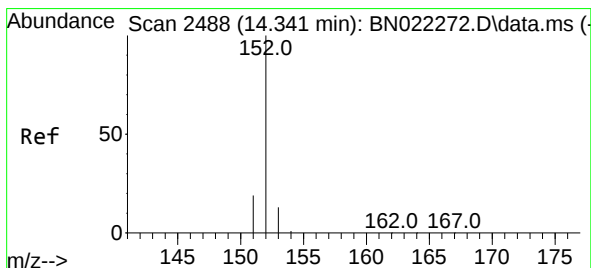
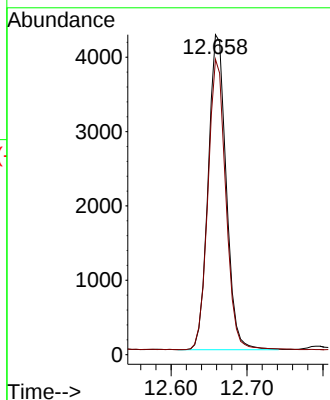
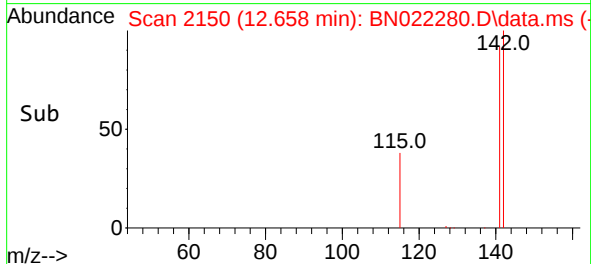
Instrument :
BNA_N
ClientSampleId :
C0BH7DL



Tgt Ion:142 Resp: 6981
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9

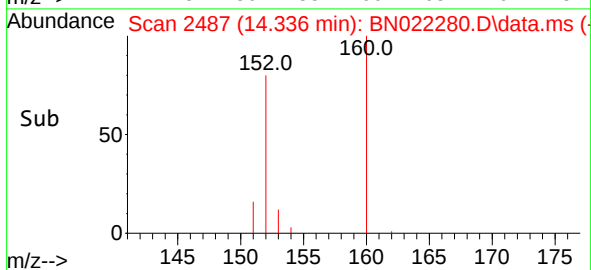
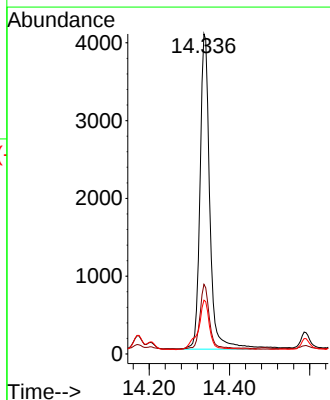
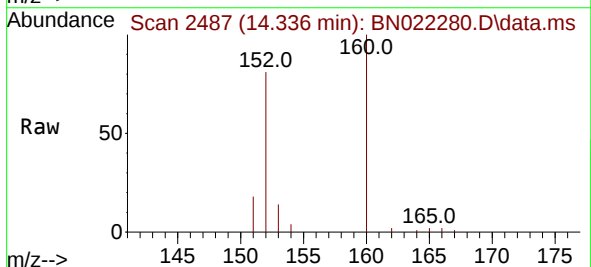
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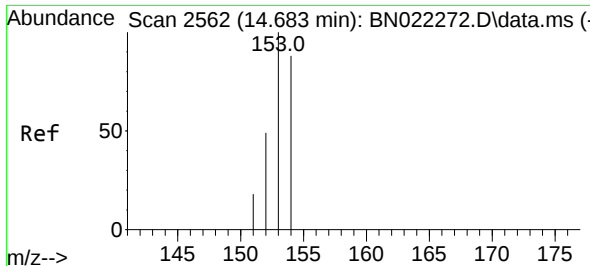
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

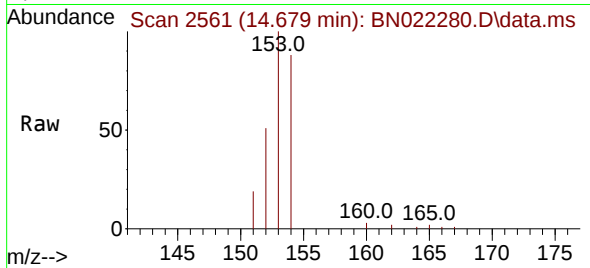
Tgt Ion:152 Resp: 6913
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 16.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.176 ng/u1
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

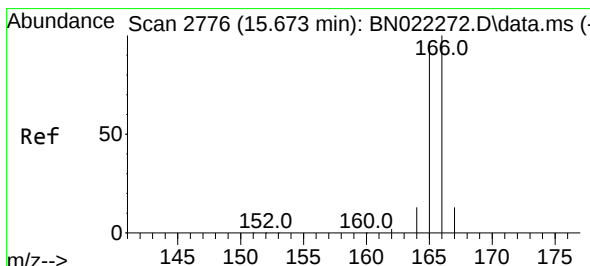
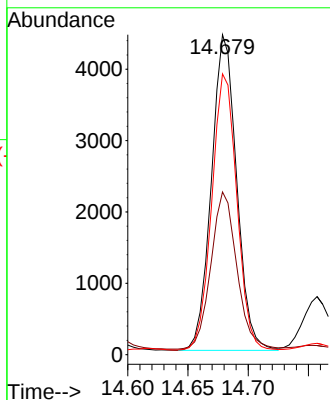
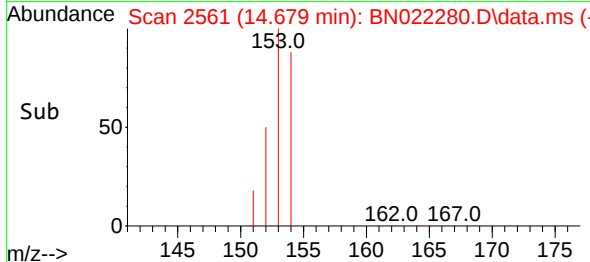
Instrument :
BNA_N
ClientSampleId :
C0BH7DL



Tgt Ion:153 Resp: 6452
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 87.8 70.6 106.0

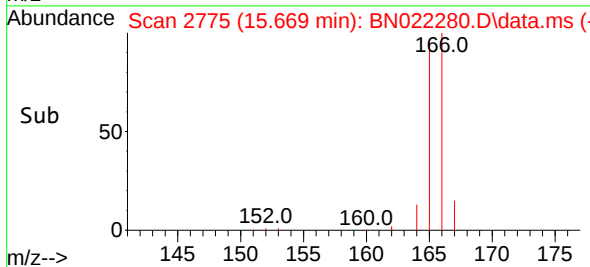
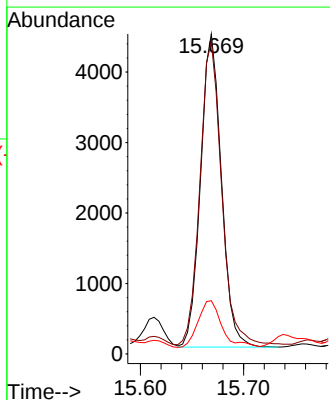
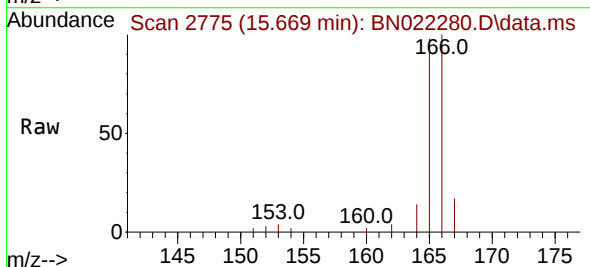
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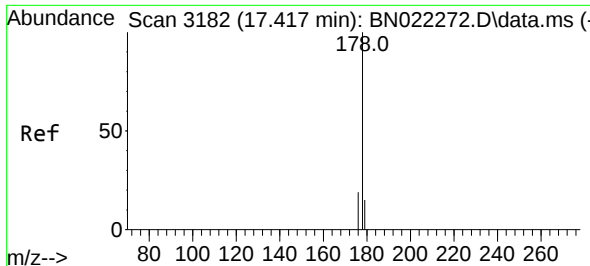
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.147 ng/u1
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

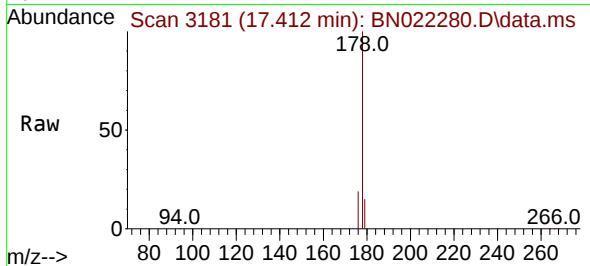
Tgt Ion:166 Resp: 6235
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 16.6 11.0 16.4#





#15
Phenanthrene
Concen: 3.242 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

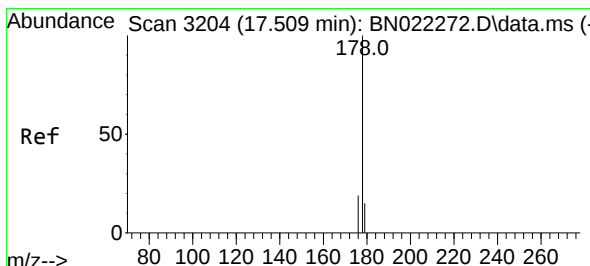
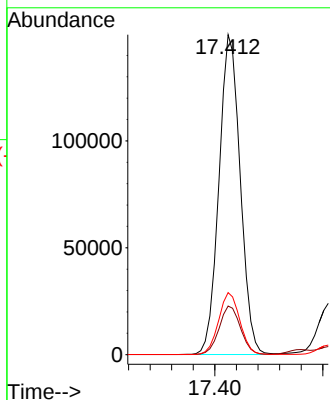
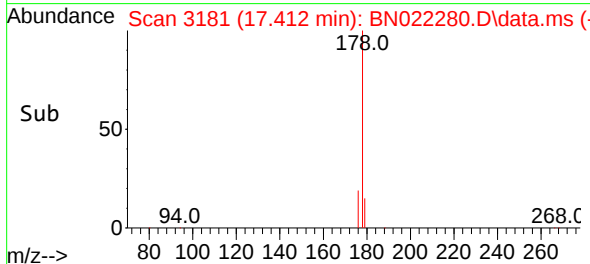
Instrument :
BNA_N
ClientSampleId :
C0BH7DL



Tgt Ion:178 Resp: 204528
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.4 15.4 23.2

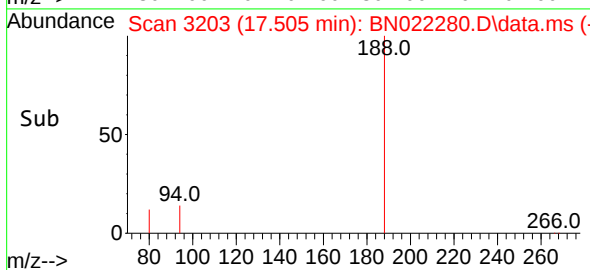
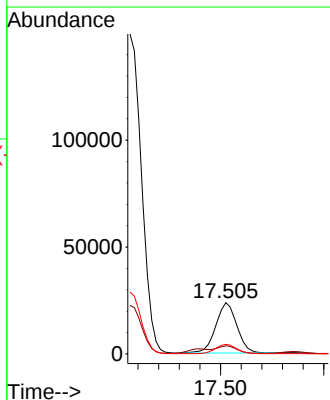
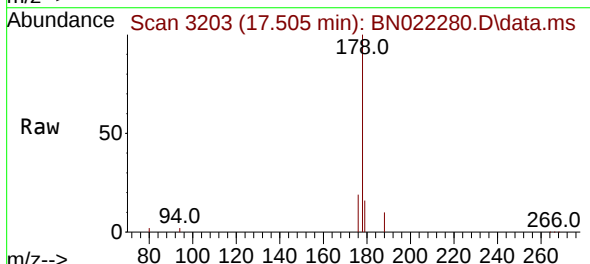
Manual Integrations
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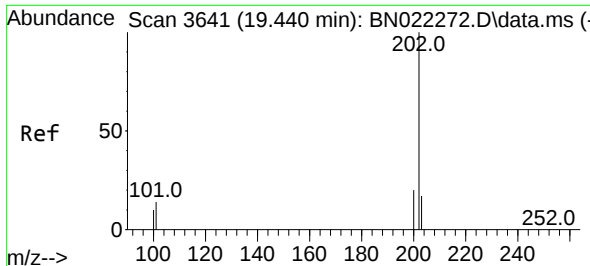
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.626 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

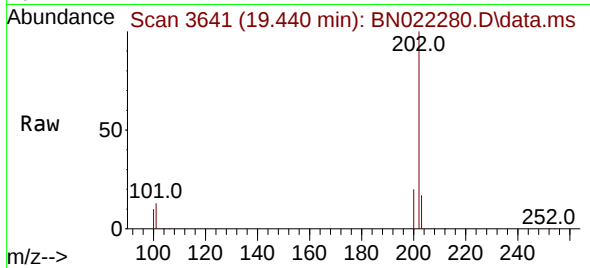
Tgt Ion:178 Resp: 33259
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 5.249 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

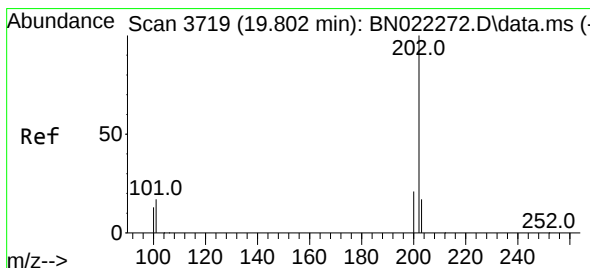
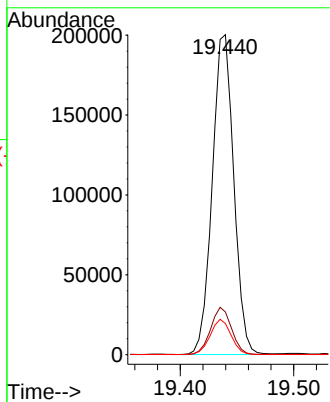
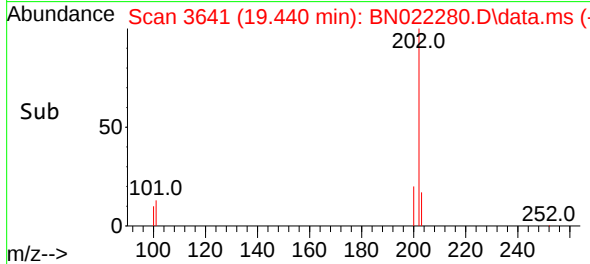
Instrument :
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ClientSampleId :
C0BH7DL



Tgt Ion:202 Resp: 263254
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 9.7 8.7 13.1

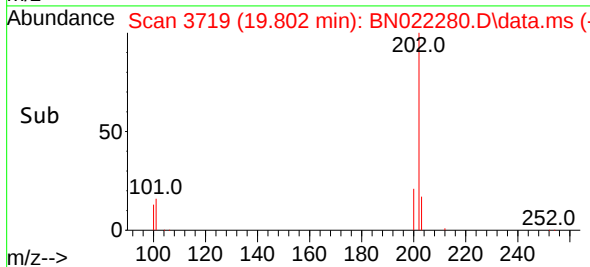
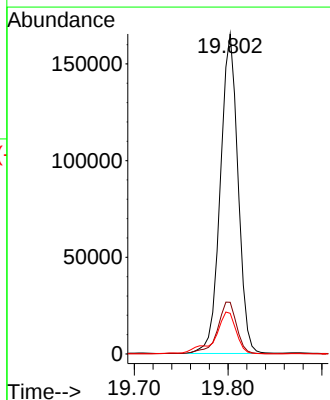
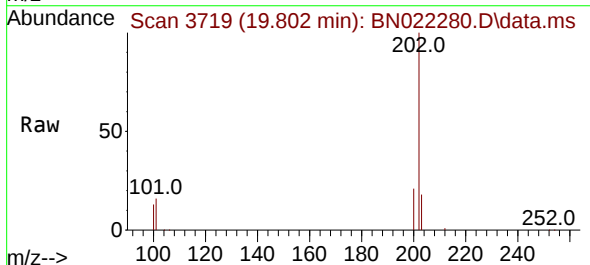
Manual Integrations
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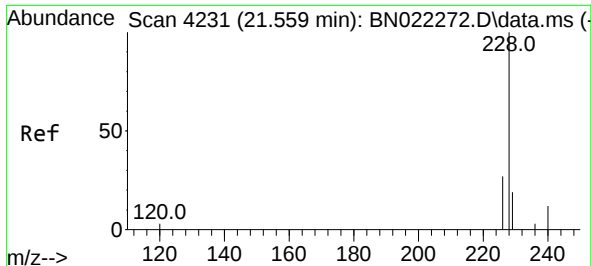
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 4.292 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

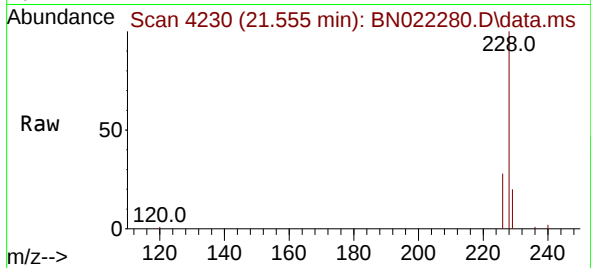
Tgt Ion:202 Resp: 216253
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 2.156 ng/u1
RT: 21.555 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

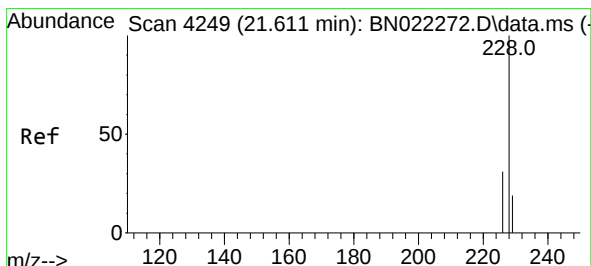
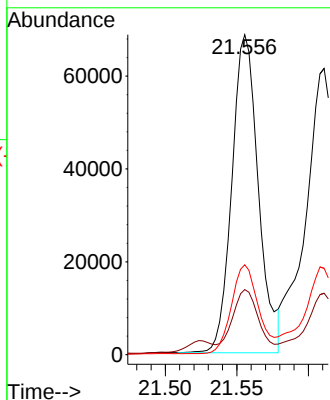
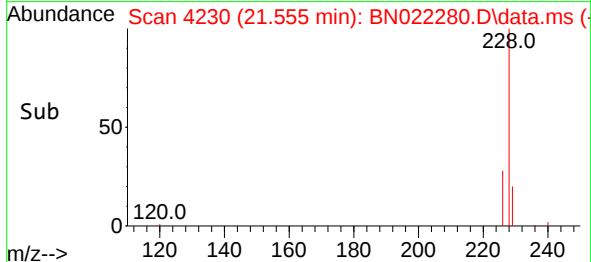
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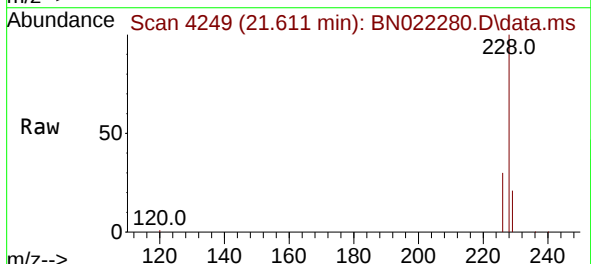
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Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.1 21.5 32.3

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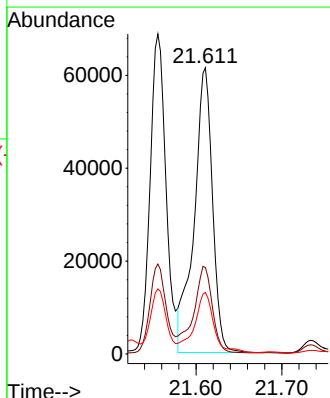
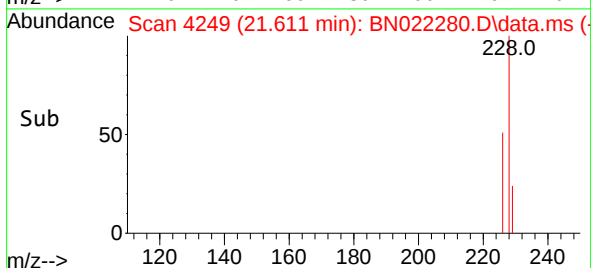
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

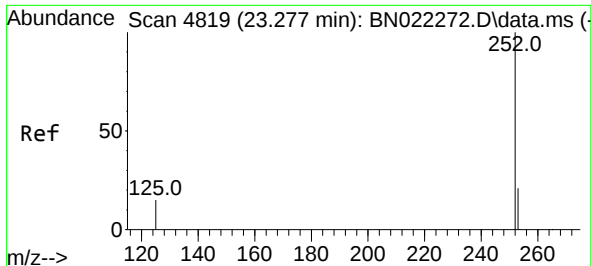


#22
Chrysene
Concen: 2.102 ng/u1
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38



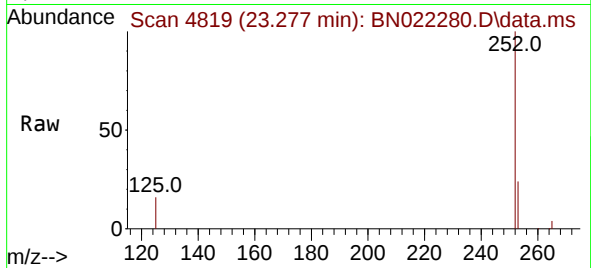
Tgt Ion:228 Resp: 91413
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 21.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.402 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

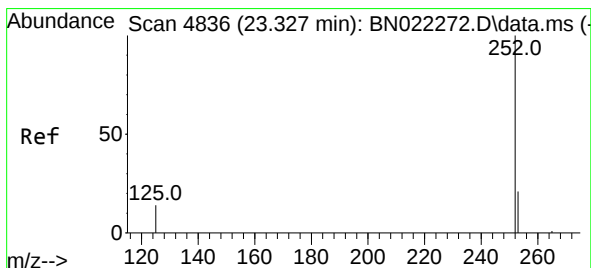
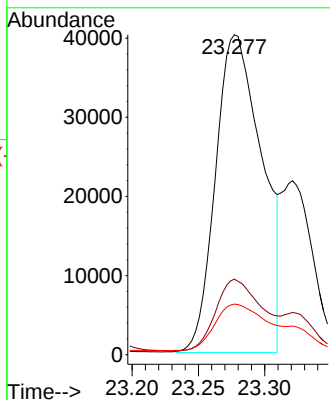
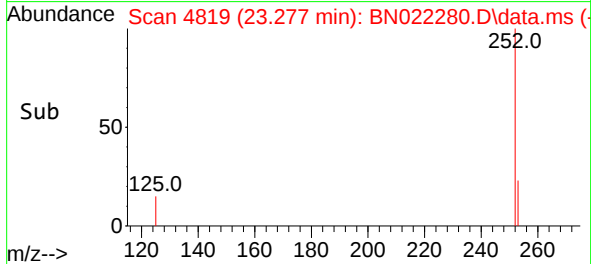
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 97820
Ion Ratio Lower Upper
252 100
253 23.6 0.0 49.0
125 15.8 0.0 35.2

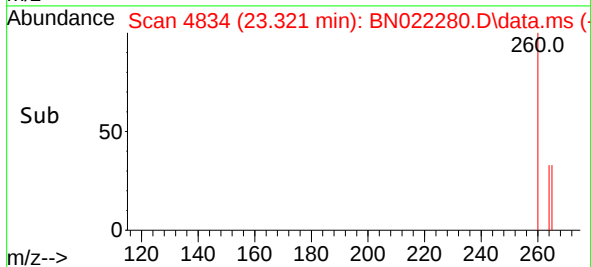
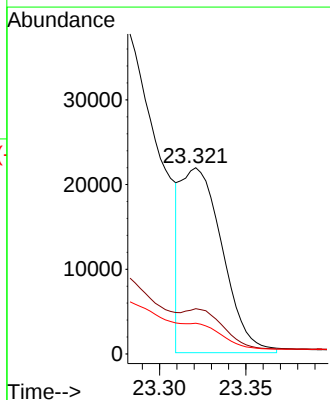
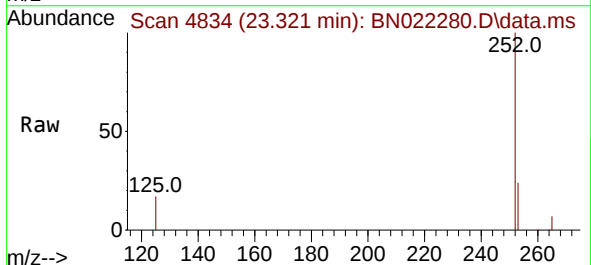
Manual Integrations
APPROVED

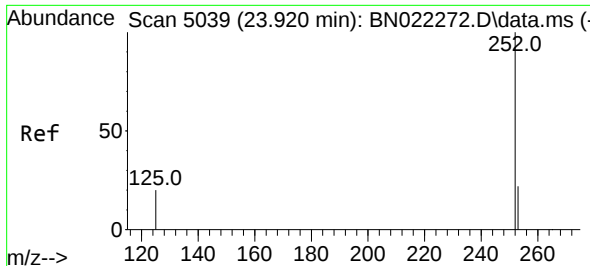
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.922 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

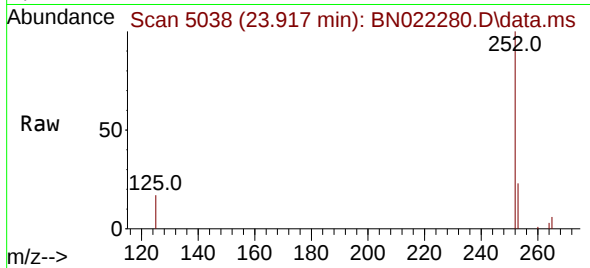
Tgt Ion:252 Resp: 36529
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 16.5 14.0 21.0





#26
Benzo(a)pyrene
Concen: 2.000 ng/ul
RT: 23.917 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

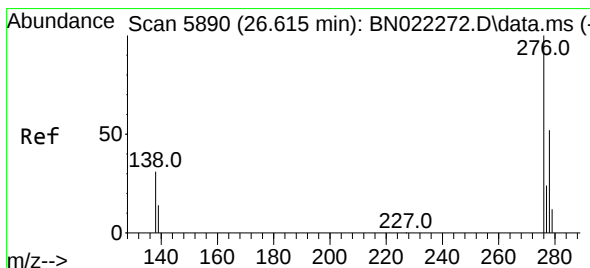
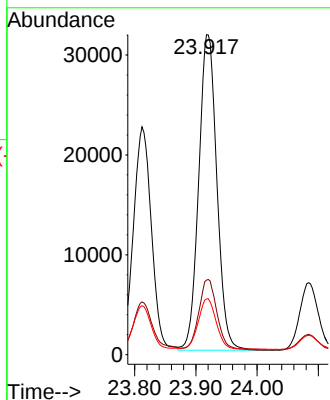
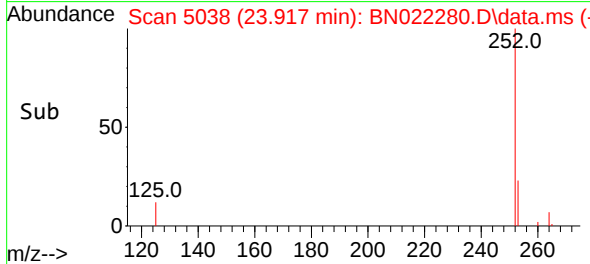
Instrument :
BNA_N
ClientSampleId :
C0BH7DL



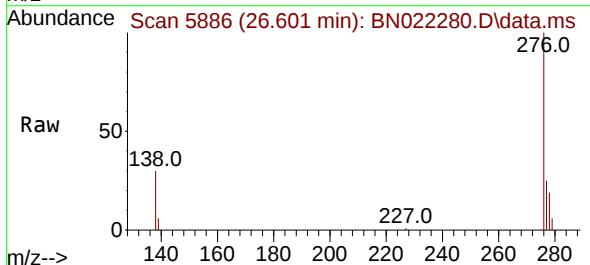
Tgt Ion:252 Resp: 6494
Ion Ratio Lower Upper
252 100
253 23.3 21.0 31.6
125 17.4 17.9 26.9

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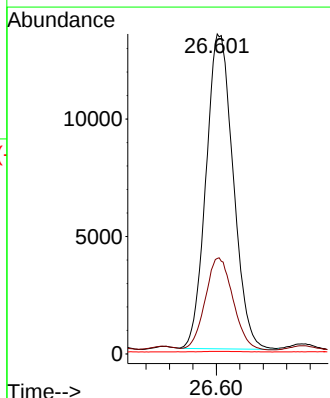
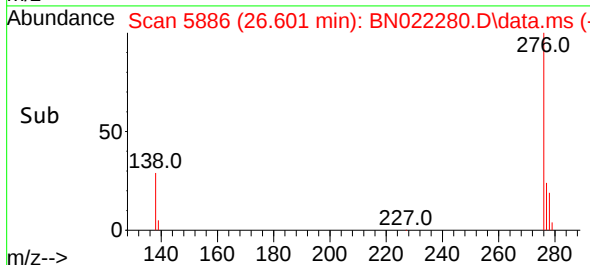
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

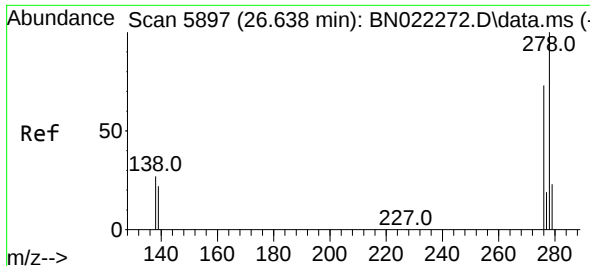


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.069 ng/ul
RT: 26.601 min Scan# 5886
Delta R.T. -0.014 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38



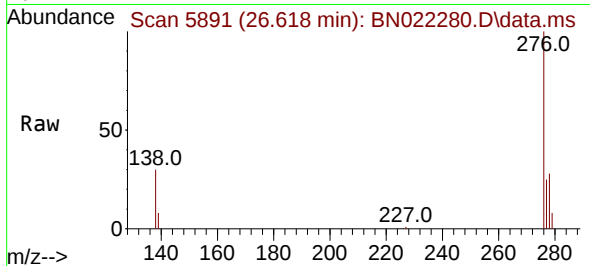
Tgt Ion:276 Resp: 43147
Ion Ratio Lower Upper
276 100
138 29.9 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.020 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38

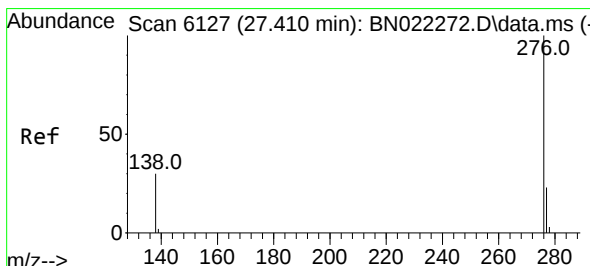
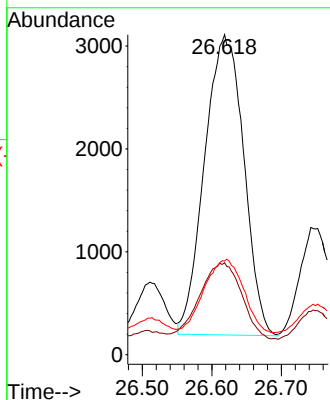
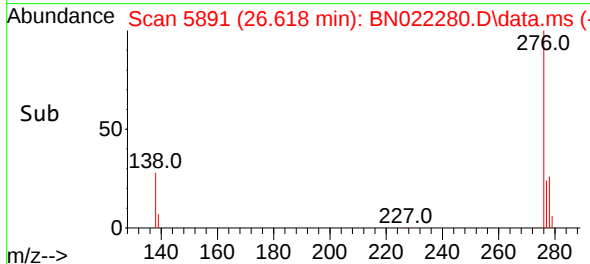
Instrument :
BNA_N
ClientSampleId :
C0BH7DL



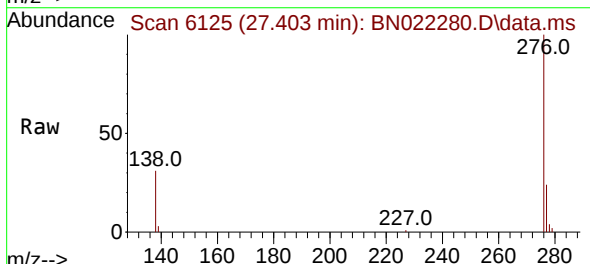
Tgt Ion:278 Resp: 11408
Ion Ratio Lower Upper
278 100
139 28.8 19.6 29.4
279 29.3 20.6 30.8

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



#29
Benzo(g,h,i)perylene
Concen: 1.084 ng/ul
RT: 27.403 min Scan# 6125
Delta R.T. -0.007 min
Lab File: BN022280.D
Acq: 22 Oct 2022 07:38



Tgt Ion:276 Resp: 35656
Ion Ratio Lower Upper
276 100
138 30.8 25.2 37.8
277 24.3 19.9 29.9

