

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022258.D
 Acq On : 21 Oct 2022 17:32
 Operator : CG/JU
 Sample : N5064-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BJ4

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:40:46 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 : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	5994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	19921	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	11243	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	21122	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	12467	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	11207	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	30084	3.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	7979	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	13094	0.313	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.822	128	60719	1.032	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	57965	1.564	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	50438	1.322	ng/ul	100
10) Acenaphthylene	14.341	152	4751	0.094	ng/ul#	70
11) Acenaphthene	14.683	153	1814	0.043	ng/ul	92
12) Fluorene	15.673	166	3075	0.062	ng/ul#	87
15) Phenanthrene	17.417	178	74091	1.045	ng/ul	99
16) Anthracene	17.509	178	5654	0.095	ng/ul#	94
19) Fluoranthene	19.440	202	70674	1.238	ng/ul	98
20) Pyrene	19.807	202	58107m	1.013	ng/ul	
21) Benzo(a)anthracene	21.561	228	25860	0.554	ng/ul	95
22) Chrysene	21.614	228	31274	0.632	ng/ul	96
24) Benzo(b)fluoranthene	23.283	252	40537m	0.720	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	13578m	0.248	ng/ul	
26) Benzo(a)pyrene	23.926	252	23214	0.517	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.618	276	18510	0.332	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.632	278	4511	0.101	ng/ul#	64
29) Benzo(g,h,i)perylene	27.413	276	21136	0.465	ng/ul	98

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

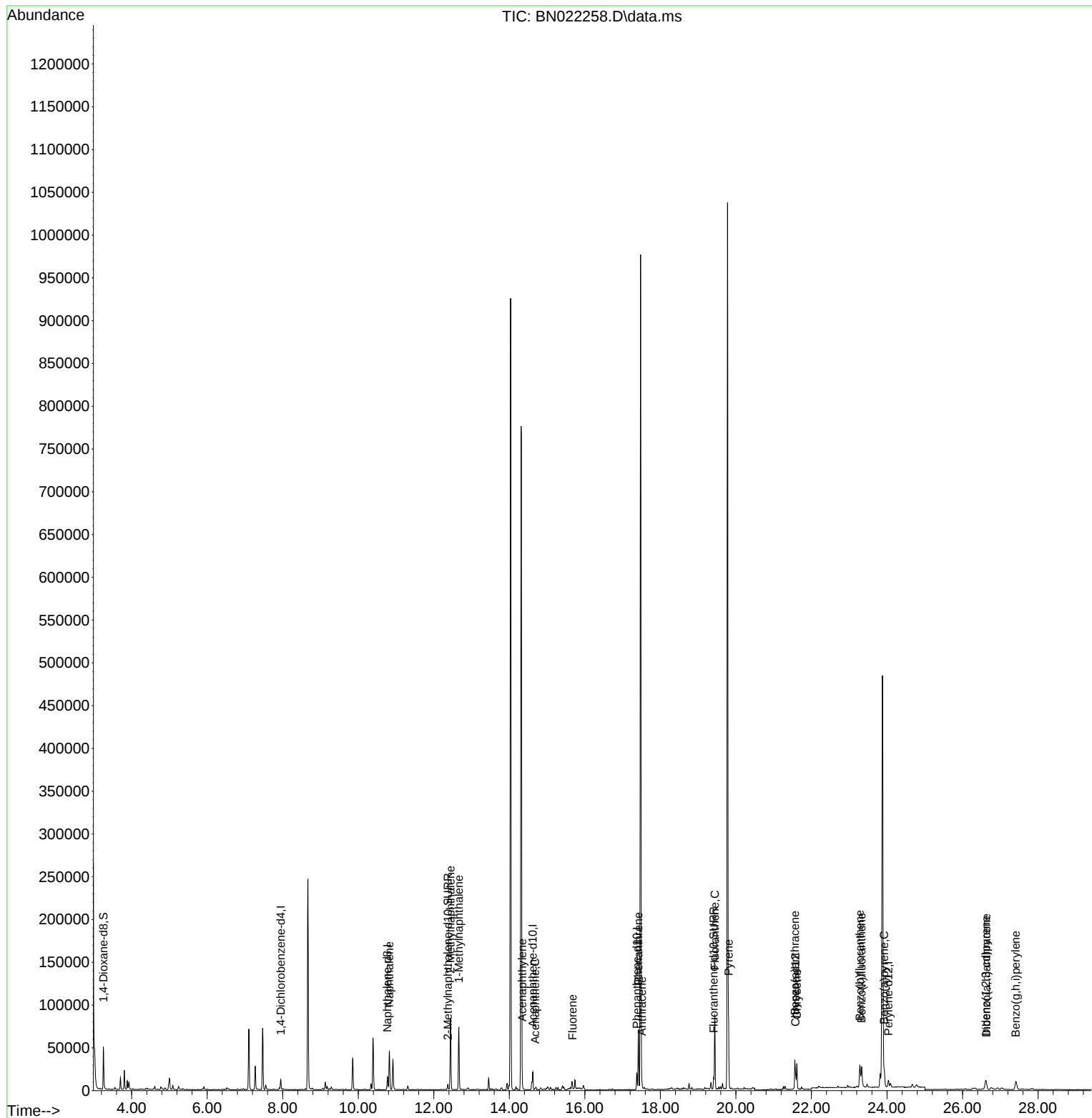
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022258.D
Acq On : 21 Oct 2022 17:32
Operator : CG/JU
Sample : N5064-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

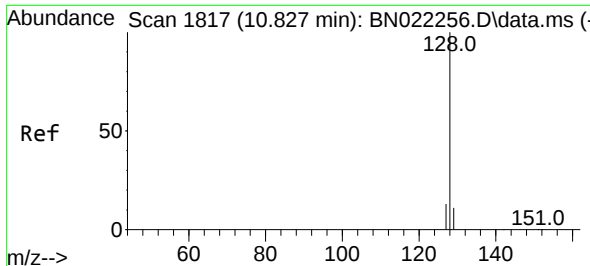
Instrument :
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ClientSampleId :
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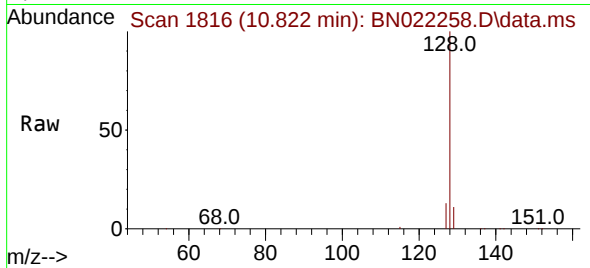
Quant Time: Oct 21 22:40:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.032 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

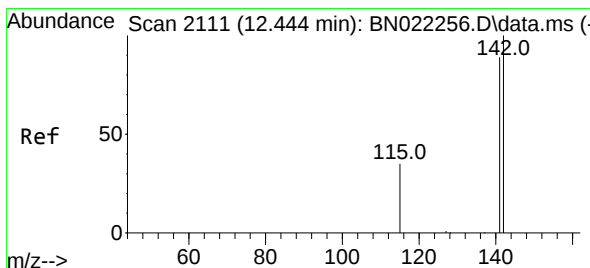
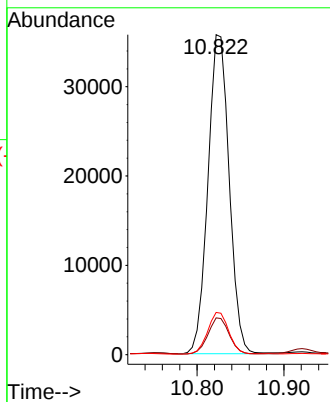
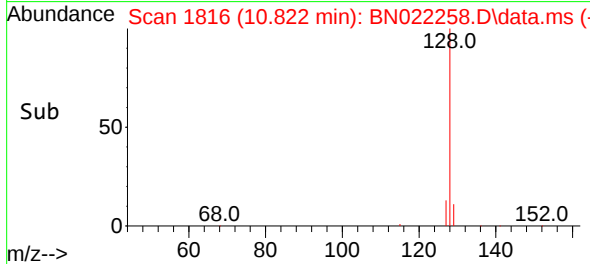
Instrument :
BNA_N
ClientSampleId :
C0BJ4



Tgt Ion:128 Resp: 60719
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.7 16.1

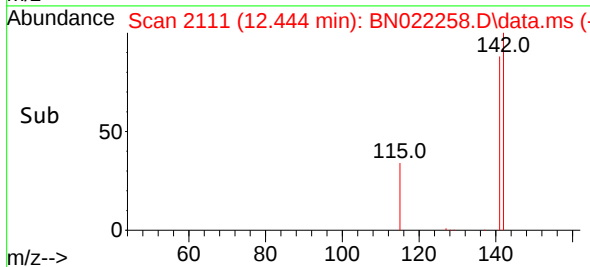
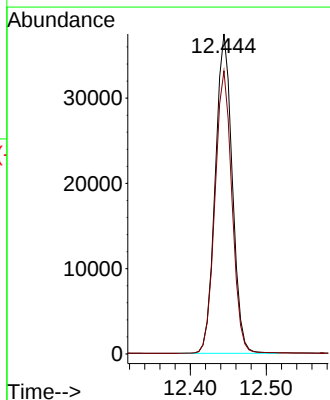
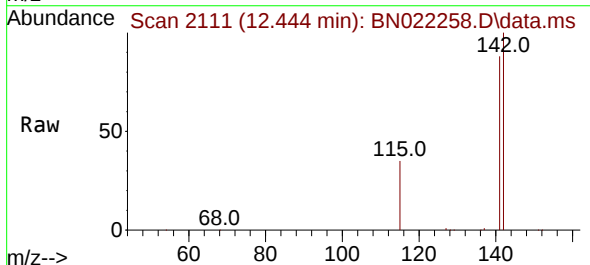
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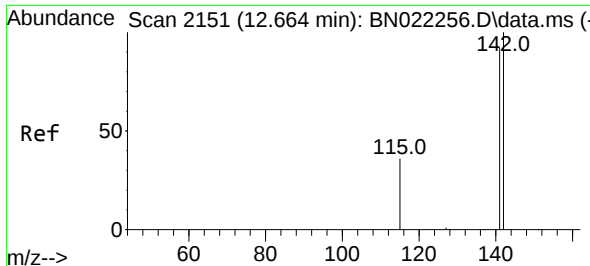
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 1.564 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

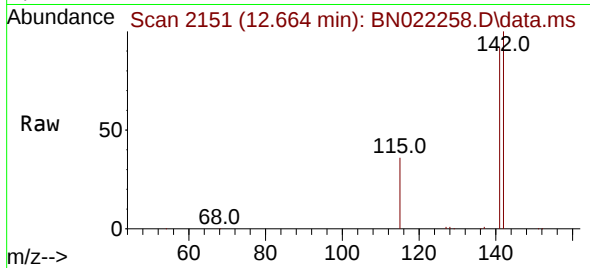
Tgt Ion:142 Resp: 57965
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.322 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

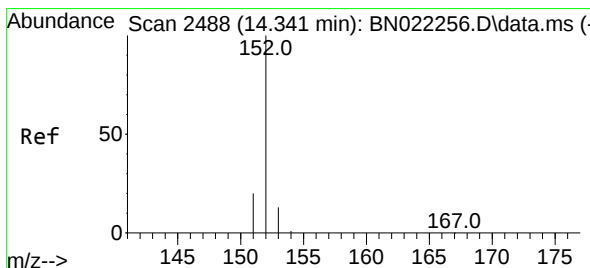
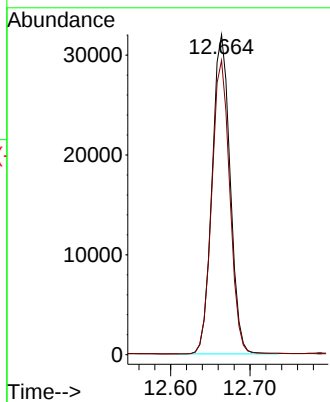
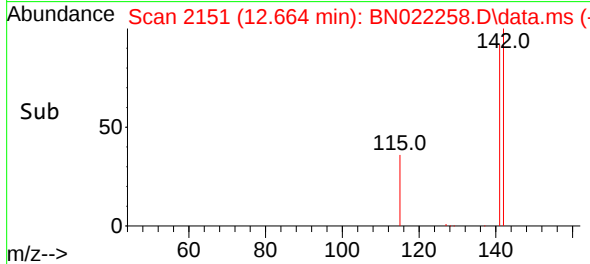
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 50438
Ion Ratio Lower Upper
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141 91.8 73.3 109.9

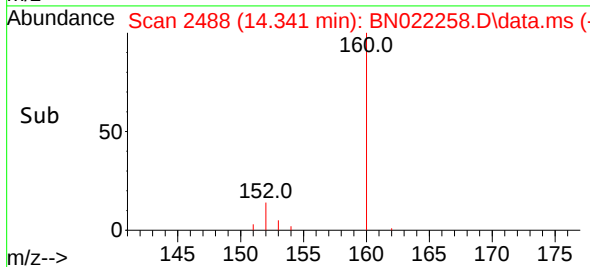
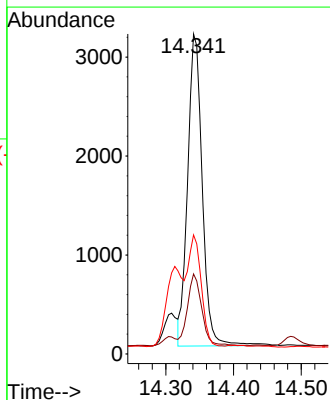
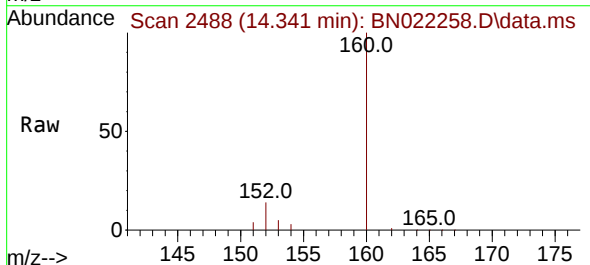
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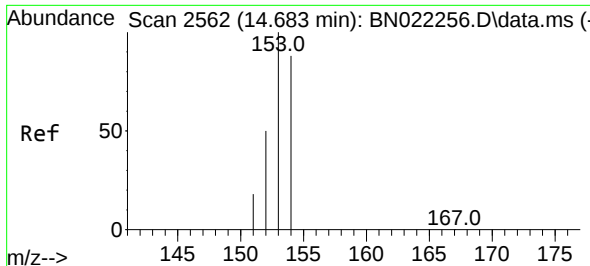
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

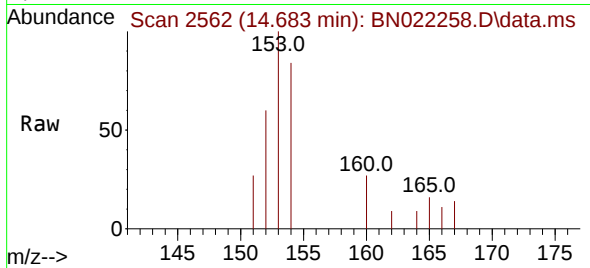
Tgt Ion:152 Resp: 4751
Ion Ratio Lower Upper
152 100
151 25.0 15.9 23.9#
153 37.2 10.8 16.2#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

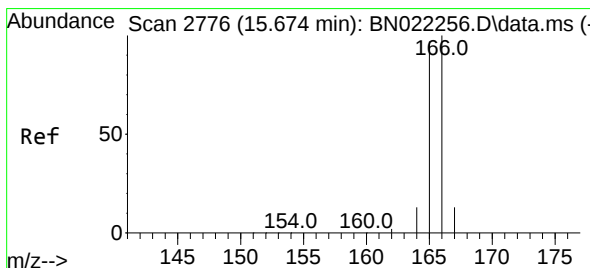
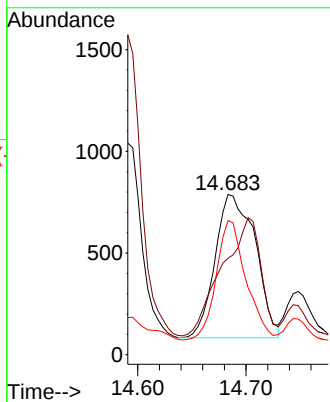
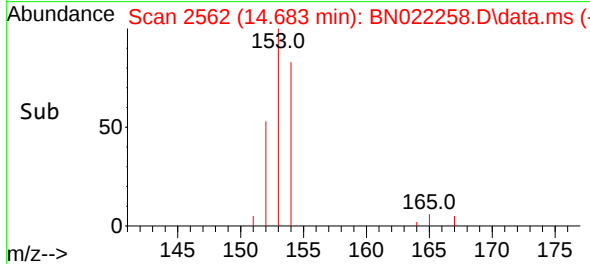
Instrument :
BNA_N
ClientSampleId :
C0BJ4



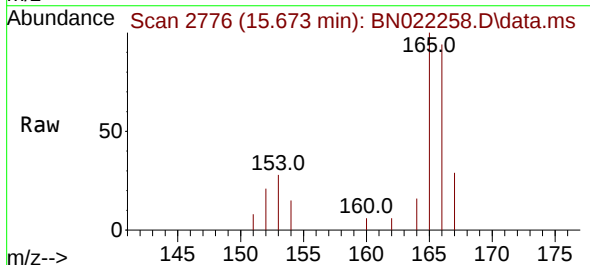
Tgt Ion:153 Resp: 1814
Ion Ratio Lower Upper
153 100
152 60.2 40.6 61.0
154 83.8 70.6 106.0

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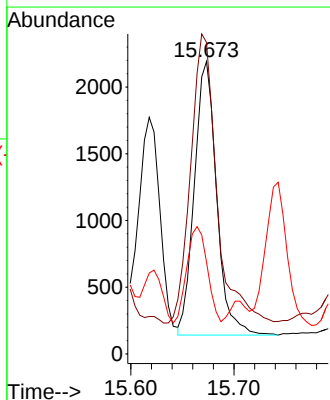
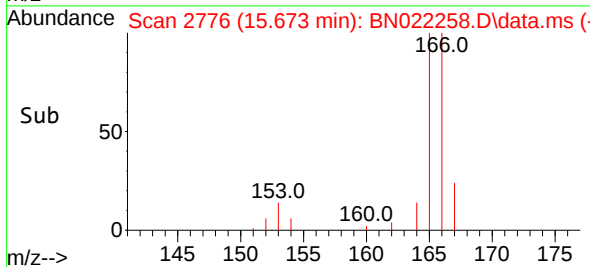
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

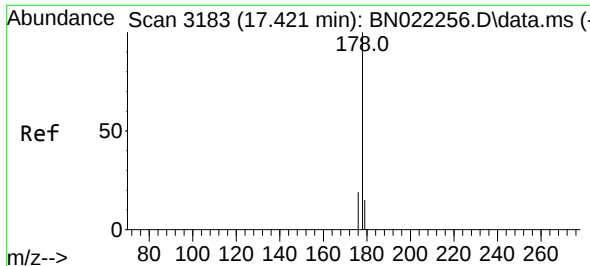


#12
Fluorene
Concen: 0.062 ng/u1
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32



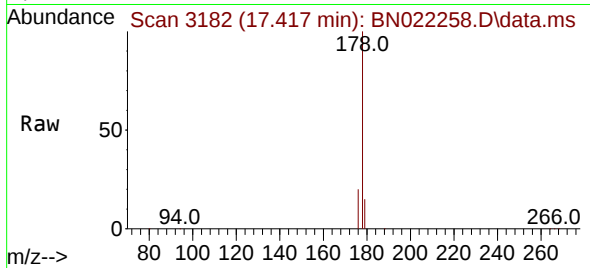
Tgt Ion:166 Resp: 3075
Ion Ratio Lower Upper
166 100
165 106.5 78.2 117.2
167 31.4 11.0 16.4#





#15
Phenanthrene
Concen: 1.045 ng/ul
RT: 17.417 min Scan# 3183
Delta R.T. -0.007 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

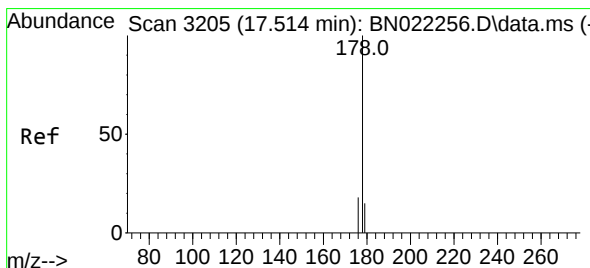
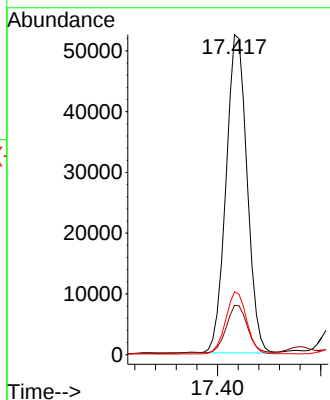
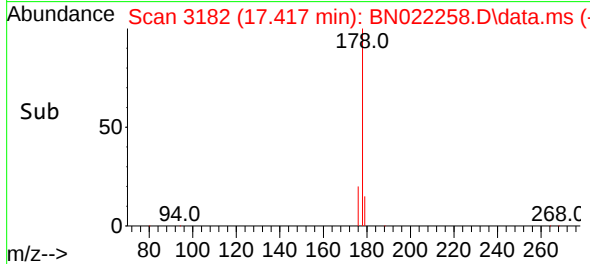
Instrument :
BNA_N
ClientSampleId :
C0BJ4



Tgt Ion:178 Resp: 7409
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.7 15.4 23.2

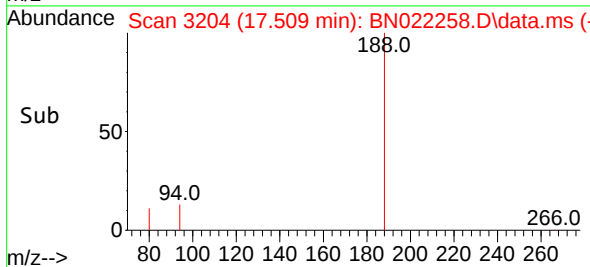
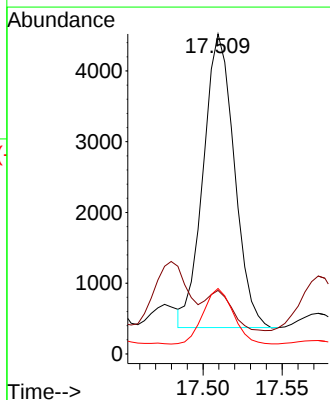
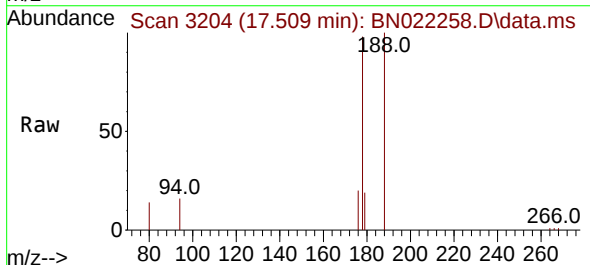
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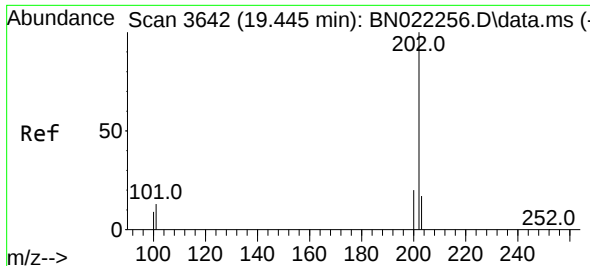
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.095 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

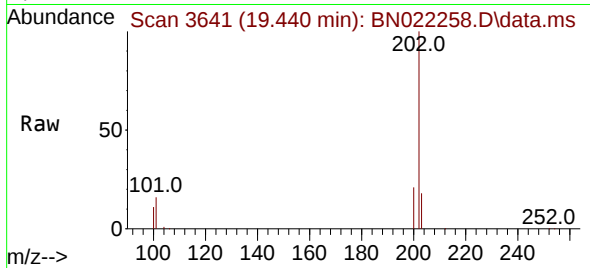
Tgt Ion:178 Resp: 5654
Ion Ratio Lower Upper
178 100
179 19.9 12.6 18.8#
176 20.4 15.0 22.6





#19
Fluoranthene
Concen: 1.238 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

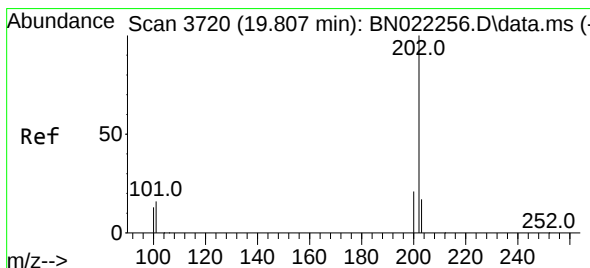
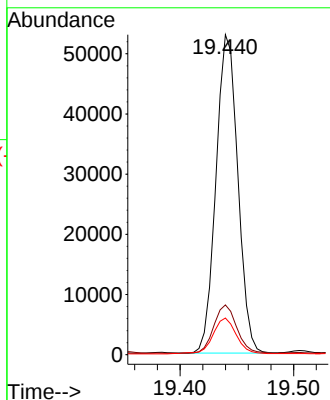
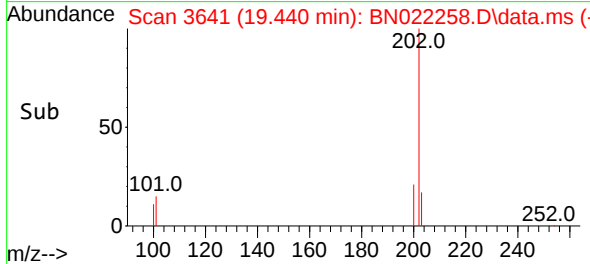
Instrument :
BNA_N
ClientSampleId :
C0BJ4



Tgt Ion:202 Resp: 70674
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 11.5 8.7 13.1

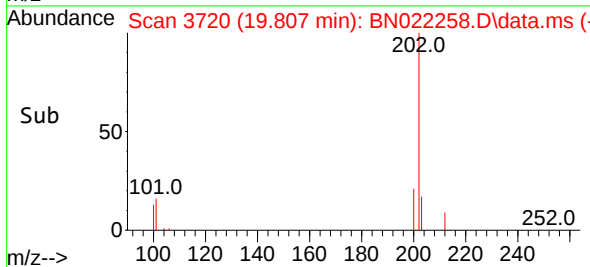
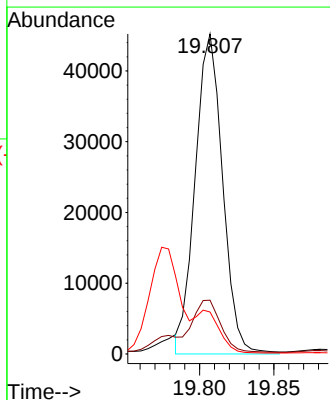
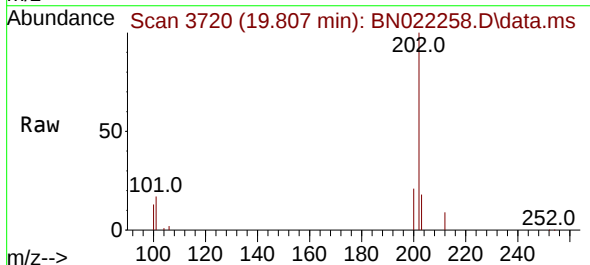
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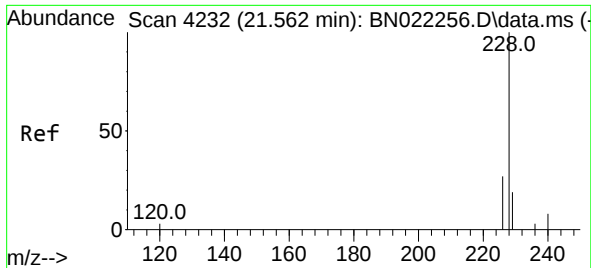
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 1.013 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

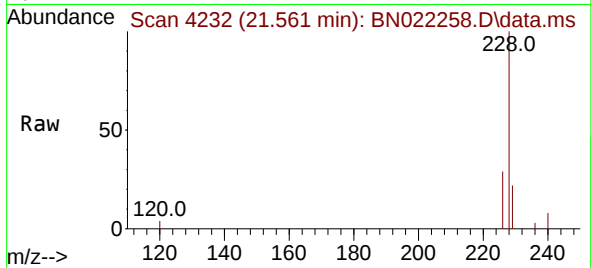
Tgt Ion:202 Resp: 58107
Ion Ratio Lower Upper
202 100
101 16.8 13.1 19.7
100 13.1 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.554 ng/u1
RT: 21.561 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

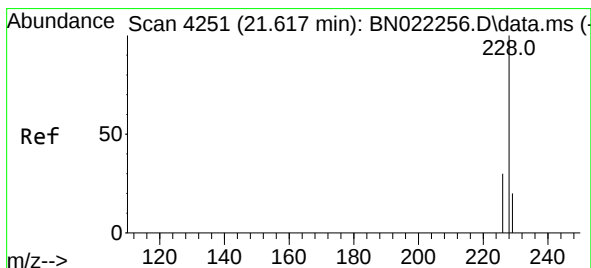
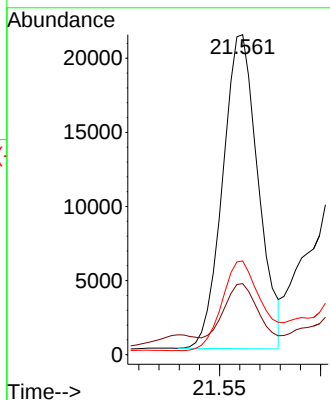
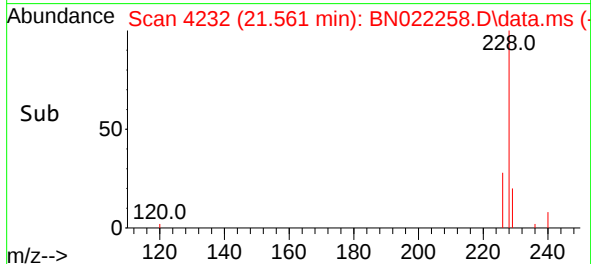
Instrument :
BNA_N
ClientSampleId :
C0BJ4



Tgt Ion:228 Resp: 25860
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 29.3 21.5 32.3

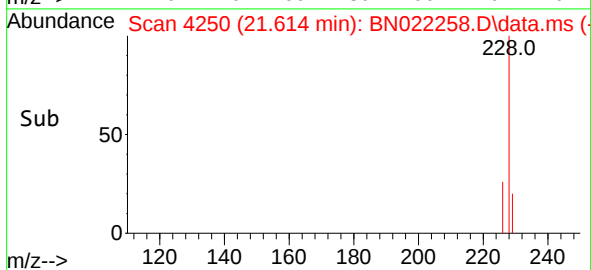
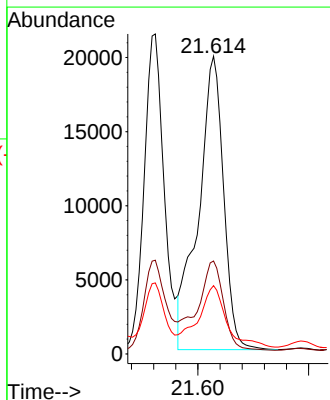
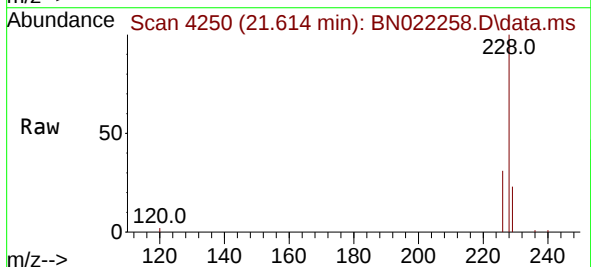
Manual Integrations
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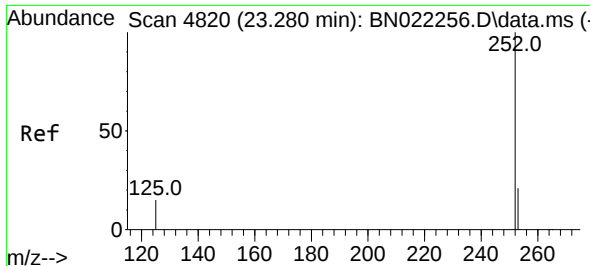
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.632 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

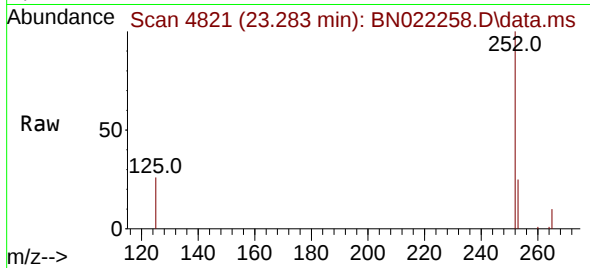
Tgt Ion:228 Resp: 31274
Ion Ratio Lower Upper
228 100
226 31.2 23.9 35.9
229 23.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.720 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

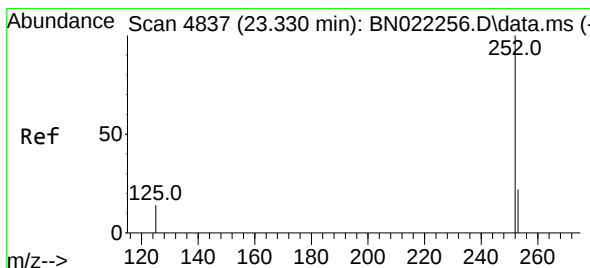
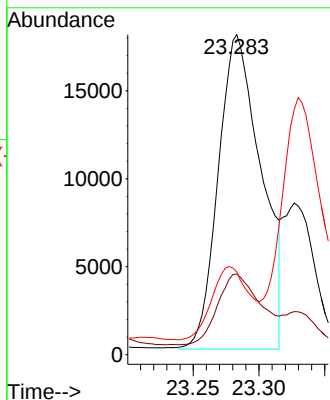
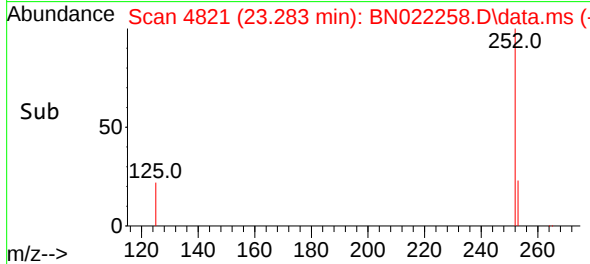
Instrument :
BNA_N
ClientSampleId :
C0BJ4



Tgt Ion:252 Resp: 4053
Ion Ratio Lower Upper
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253 25.2 0.0 49.0
125 25.9 0.0 35.2

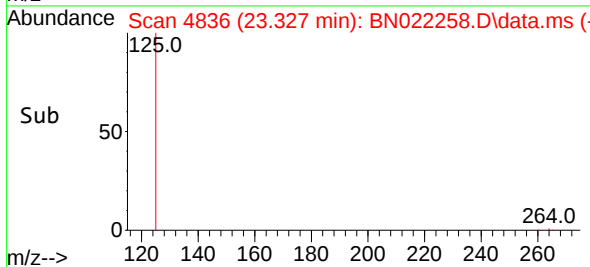
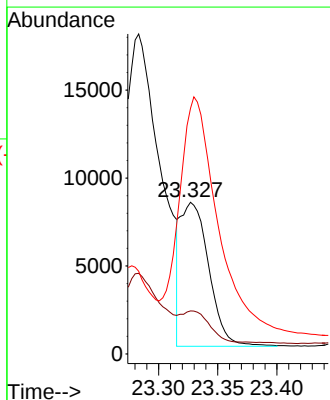
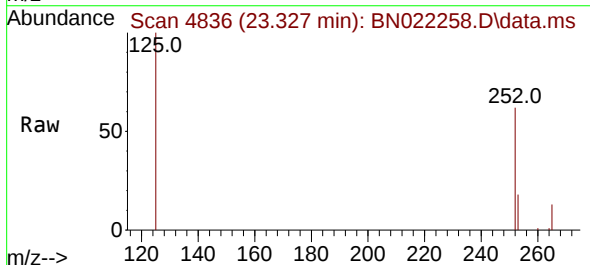
Manual Integrations
APPROVED

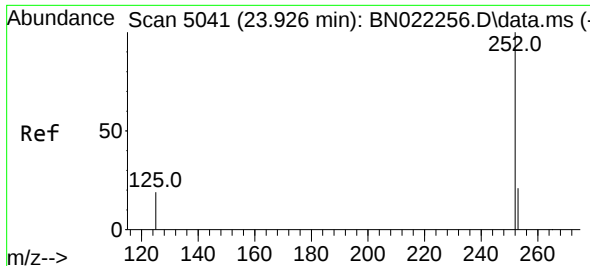
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

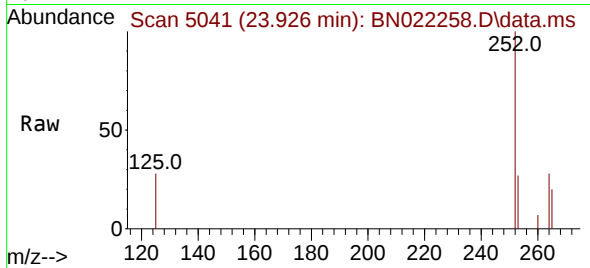
Tgt Ion:252 Resp: 13578
Ion Ratio Lower Upper
252 100
253 28.4 19.7 29.5
125 161.9 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.517 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32

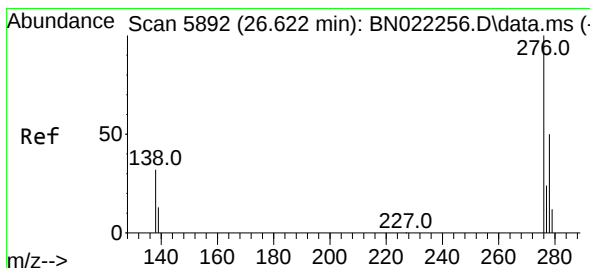
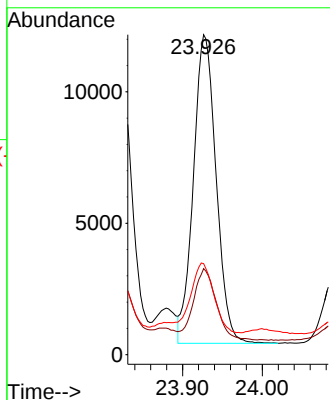
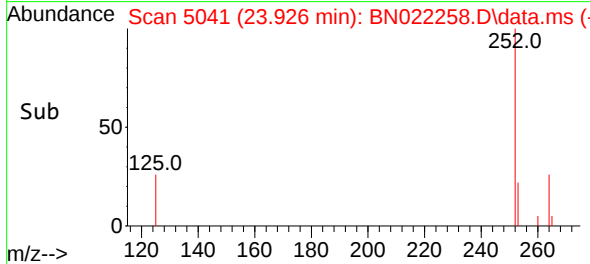
Instrument :
BNA_N
ClientSampleId :
C0BJ4



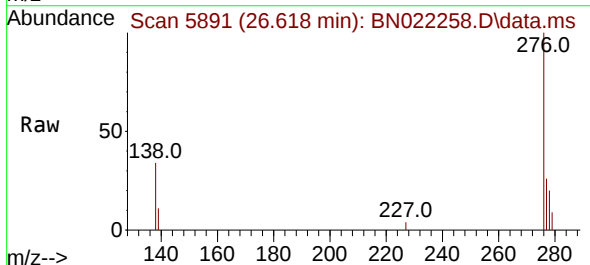
Tgt Ion:252 Resp: 23214
Ion Ratio Lower Upper
252 100
253 26.9 21.0 31.6
125 28.5 17.9 26.9

Manual Integrations
APPROVED

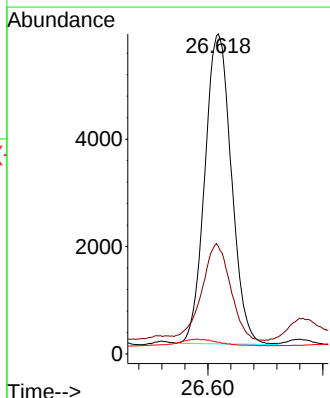
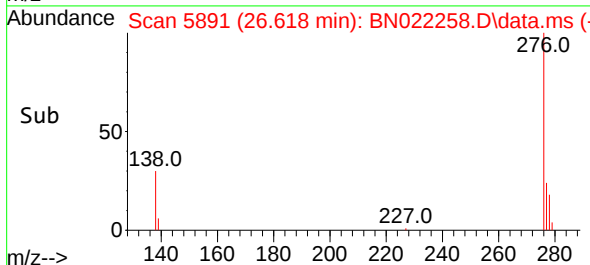
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

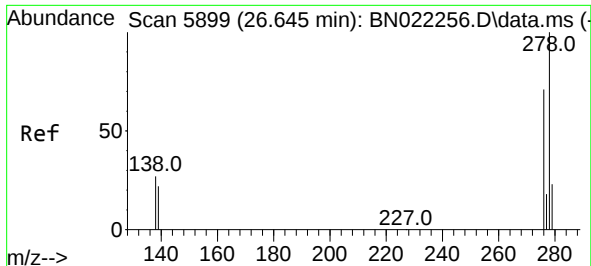


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022258.D
Acq: 21 Oct 2022 17:32



Tgt Ion:276 Resp: 18510
Ion Ratio Lower Upper
276 100
138 34.0 27.7 41.5
227 0.0 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.101 ng/ul

RT: 26.632 min Scan# 5895

Delta R.T. -0.024 min

Lab File: BN022258.D

Acq: 21 Oct 2022 17:32

Instrument :

BNA_N

ClientSampleId :

C0BJ4

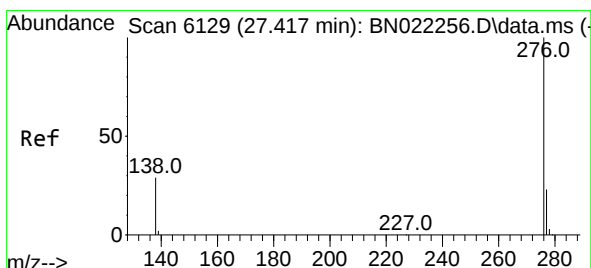
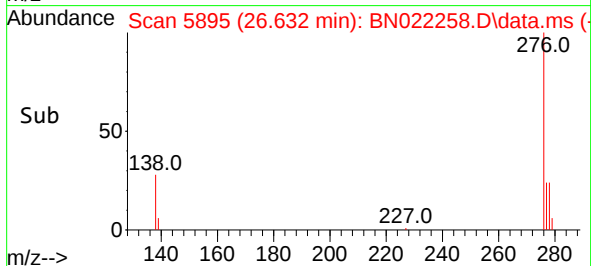
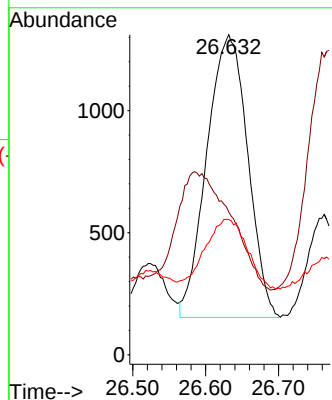
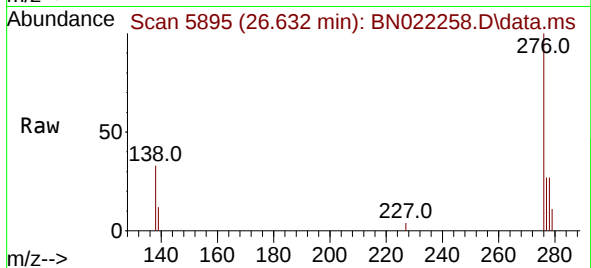
Tgt Ion:278 Resp: 451

Ion	Ratio	Lower	Upper
278	100		
139	44.5	19.6	29.4
279	42.3	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: 0.465 ng/ul

RT: 27.413 min Scan# 6128

Delta R.T. -0.017 min

Lab File: BN022258.D

Acq: 21 Oct 2022 17:32

Tgt Ion:276 Resp: 21136

Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.2	37.8
277	25.3	19.9	29.9

