

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022259.D
 Acq On : 21 Oct 2022 18:10
 Operator : CG/JU
 Sample : N5064-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN4

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

Quant Time: Oct 21 22:41:03 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	4094	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8183	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	16426	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	9831	0.400	ng/ul	# 0.00
23) Perylene-d12	24.040	264	7073	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	22081	4.150	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	5753	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	11558	0.350	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.822	128	54965	1.335	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	47116	1.817	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	37290	1.398	ng/ul	100
10) Acenaphthylene	14.341	152	20431	0.556	ng/ul#	95
11) Acenaphthene	14.683	153	3034	0.098	ng/ul	98
12) Fluorene	15.673	166	5711	0.159	ng/ul#	95
15) Phenanthrene	17.421	178	251771	4.566	ng/ul	99
16) Anthracene	17.509	178	33183	0.714	ng/ul	99
19) Fluoranthene	19.440	202	416497	9.249	ng/ul	100
20) Pyrene	19.807	202	322732m	7.134	ng/ul	
21) Benzo(a)anthracene	21.562	228	153621	4.171	ng/ul	97
22) Chrysene	21.617	228	161044	4.125	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	180981m	5.095	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	60357m	1.748	ng/ul	
26) Benzo(a)pyrene	23.929	252	111536	3.939	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.618	276	81713	2.321	ng/ul	93
28) Dibenzo(a,h)anthracene	26.632	278	23227	0.826	ng/ul	93
29) Benzo(g,h,i)perylene	27.420	276	66963	2.335	ng/ul	98

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

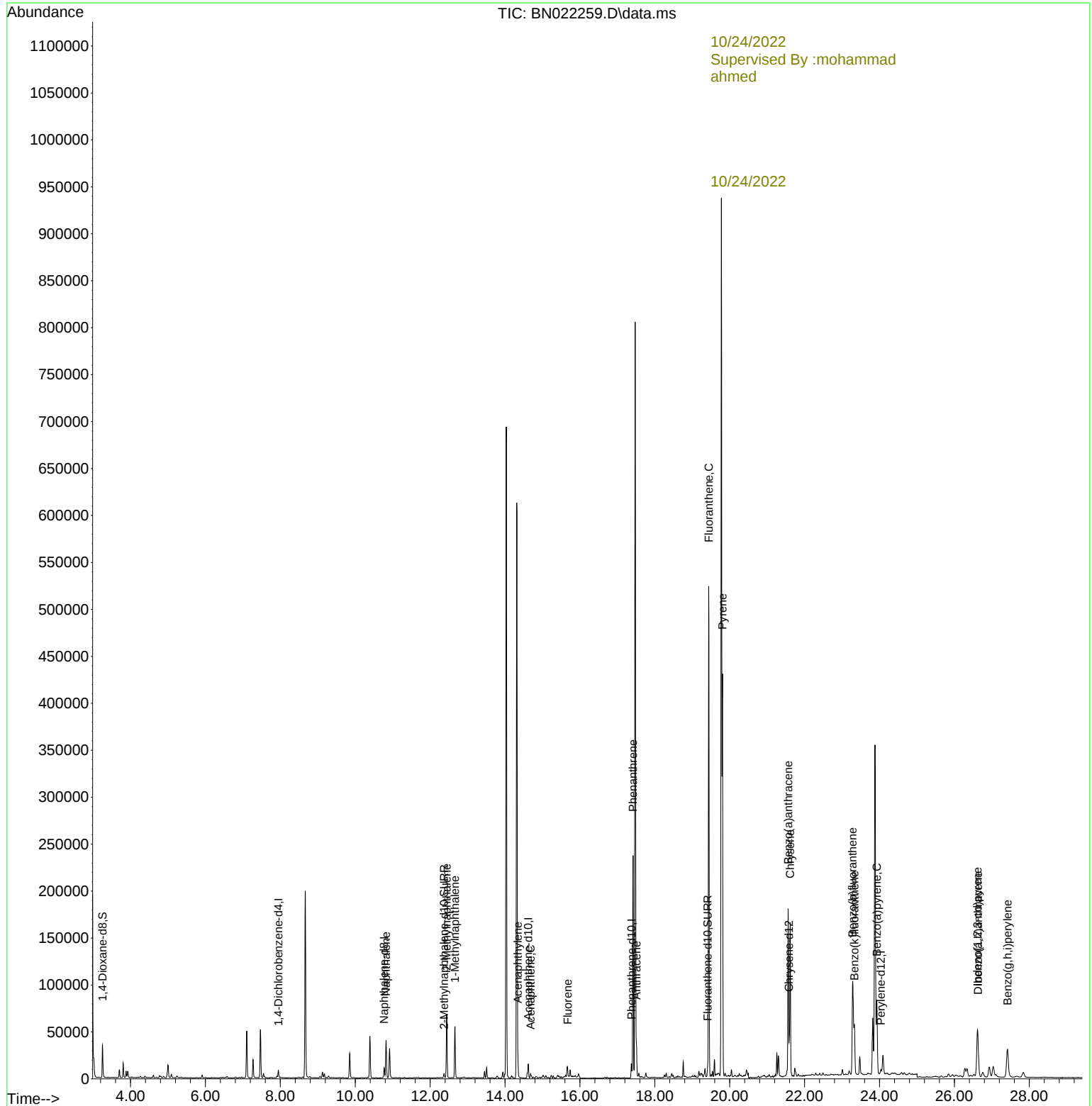
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022259.D
Acq On : 21 Oct 2022 18:10
Operator : CG/JU
Sample : N5064-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

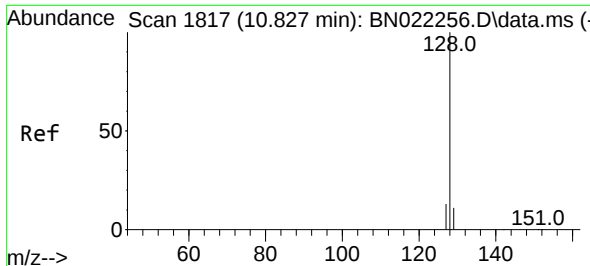
Instrument :
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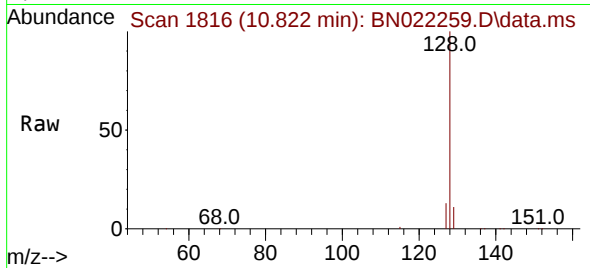
Quant Time: Oct 21 22:41:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
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#5
Naphthalene
Concen: 1.335 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

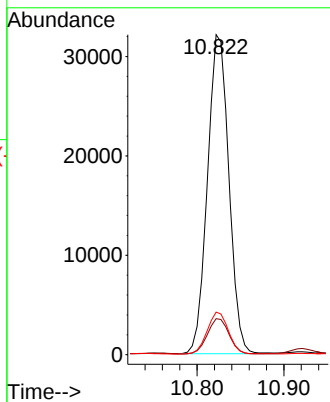
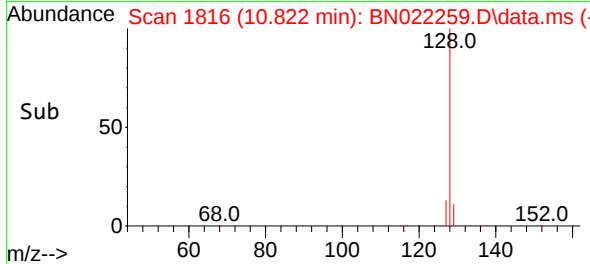
Instrument :
BNA_N
ClientSampleId :
C0BN4



Tgt Ion:128 Resp: 5496
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.7 16.1

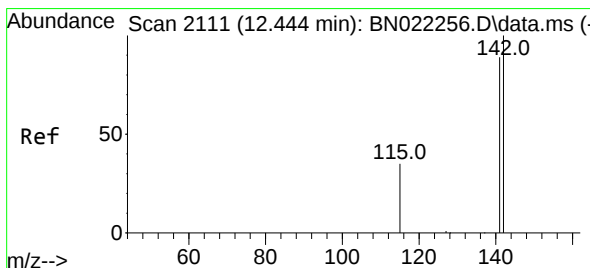
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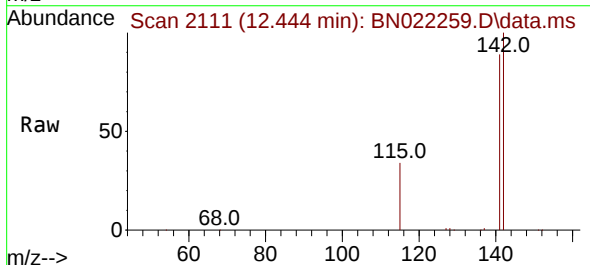


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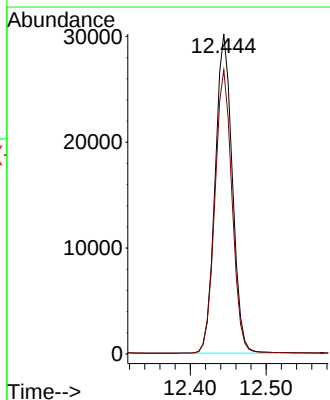
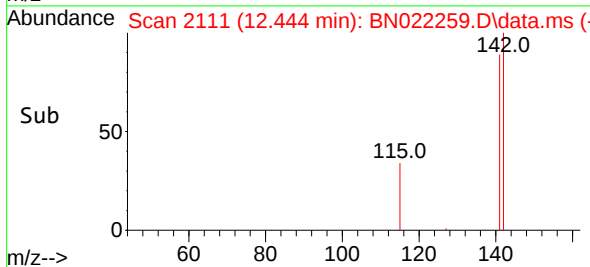
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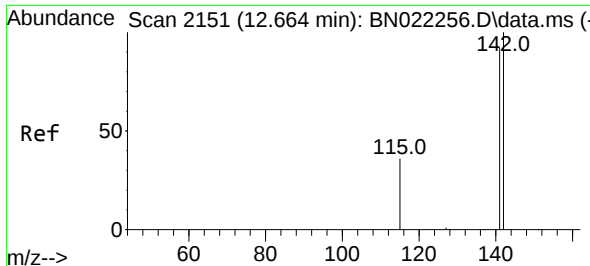


#7
2-Methylnaphthalene
Concen: 1.817 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10



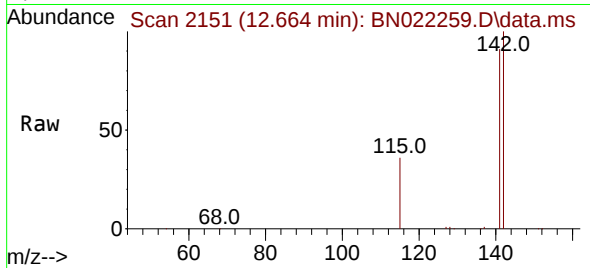
Tgt Ion:142 Resp: 47116
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.398 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

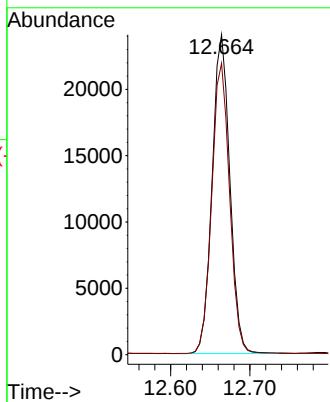
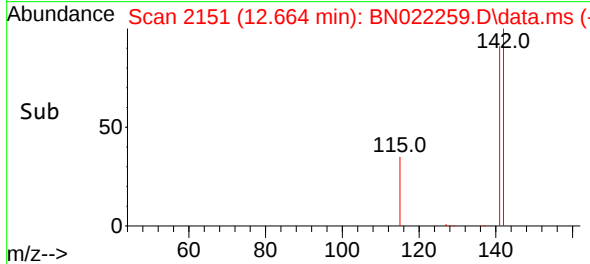
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 37290
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

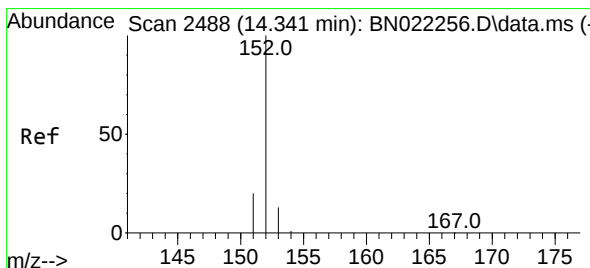
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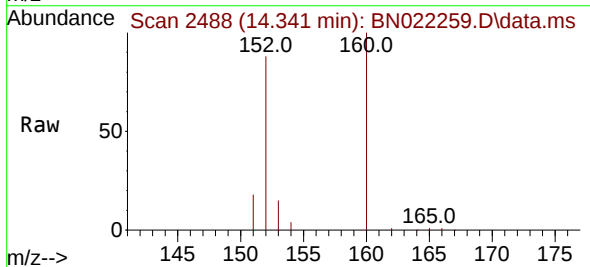


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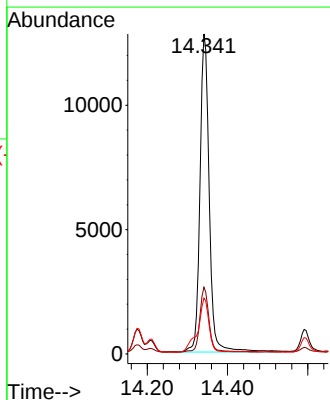
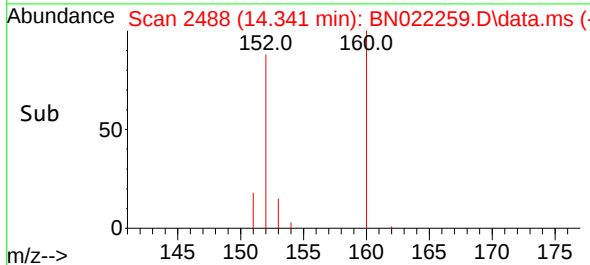
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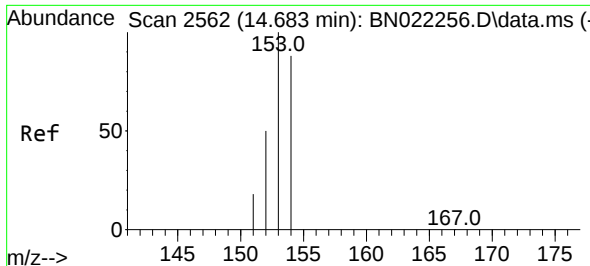


#10
Acenaphthylene
Concen: 0.556 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10



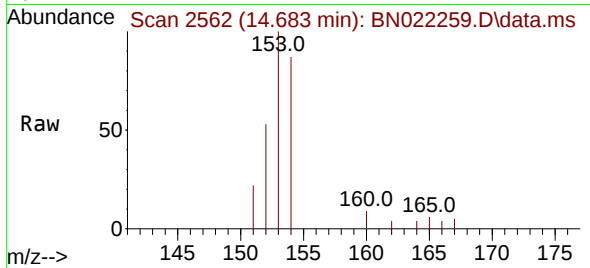
Tgt Ion:152 Resp: 20431
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 17.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

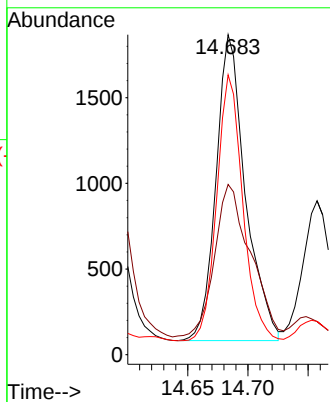
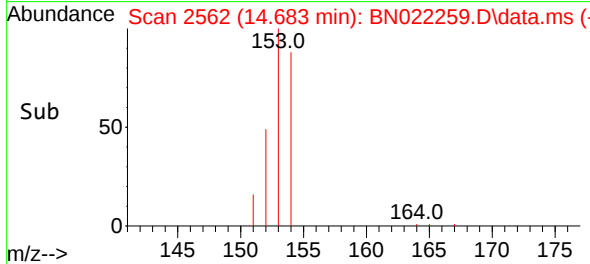
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 3034
Ion Ratio Lower Upper
153 100
152 53.2 40.6 61.0
154 87.5 70.6 106.0

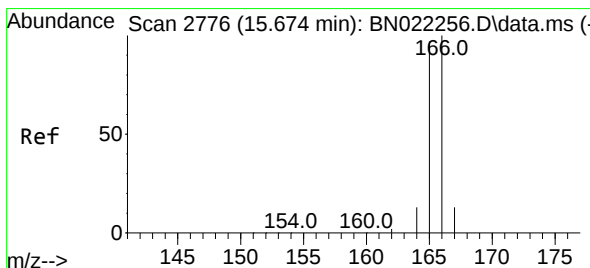
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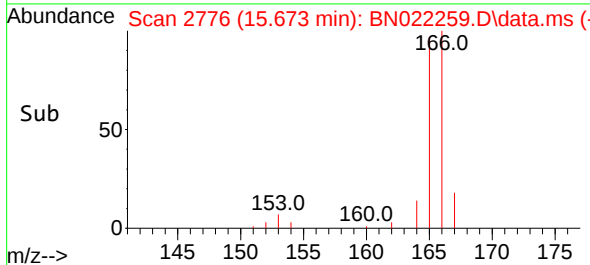
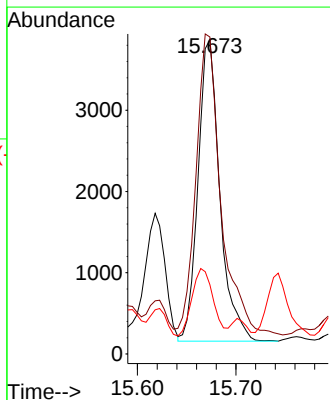
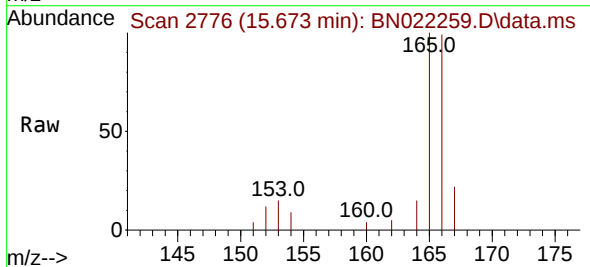
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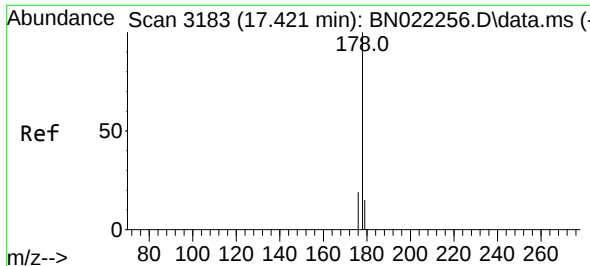
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#12
Fluorene
Concen: 0.159 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

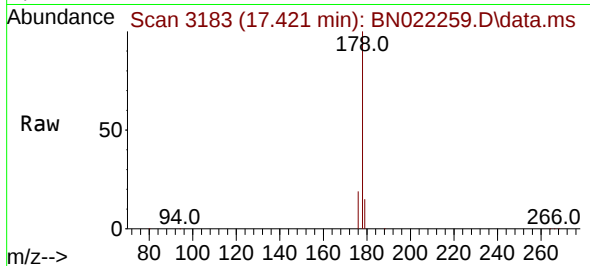
Tgt Ion:166 Resp: 5711
Ion Ratio Lower Upper
166 100
165 100.9 78.2 117.2
167 22.0 11.0 16.4#





#15
Phenanthrene
Concen: 4.566 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

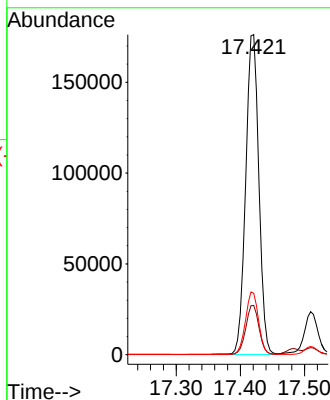
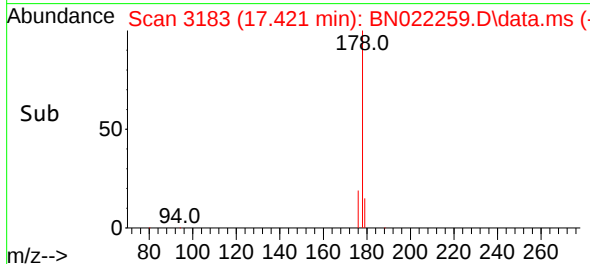
Instrument :
BNA_N
ClientSampleId :
C0BN4



Tgt Ion:178 Resp: 25177
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.2 15.4 23.2

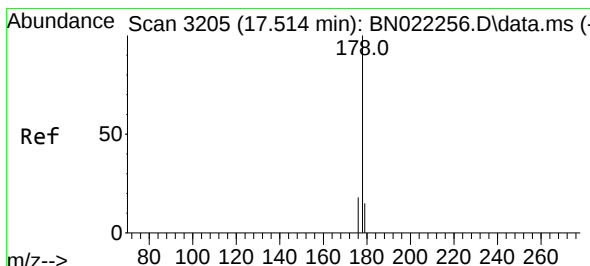
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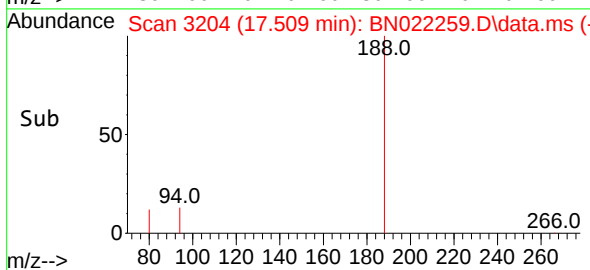
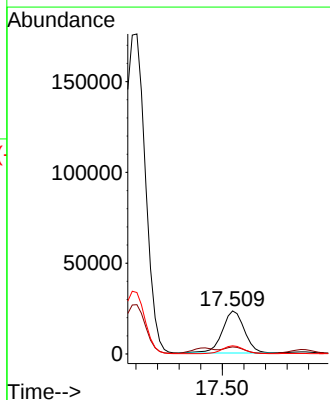
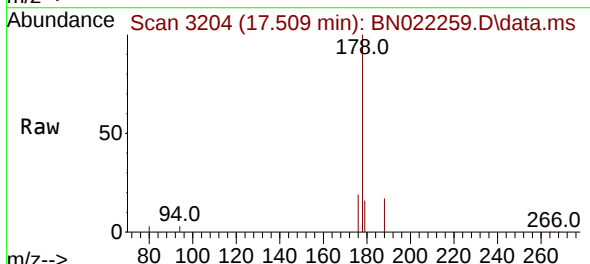
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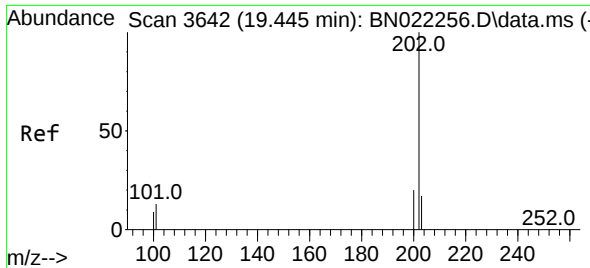
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#16
Anthracene
Concen: 0.714 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

Tgt Ion:178 Resp: 33183
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.1 15.0 22.6





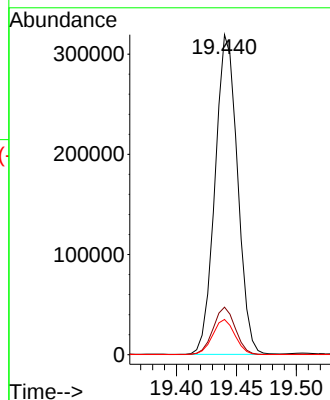
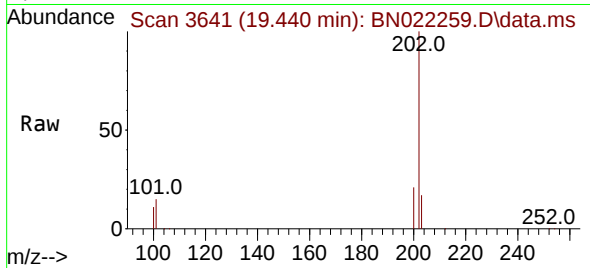
#19
Fluoranthene
Concen: 9.249 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

Instrument :
BNA_N
ClientSampleId :
C0BN4

Tgt Ion:202 Resp: 41649
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.0 8.7 13.1

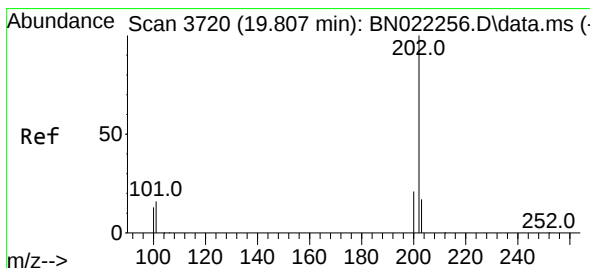
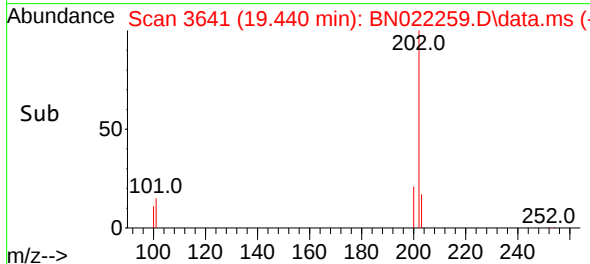
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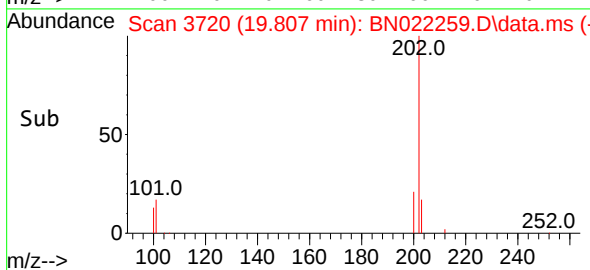
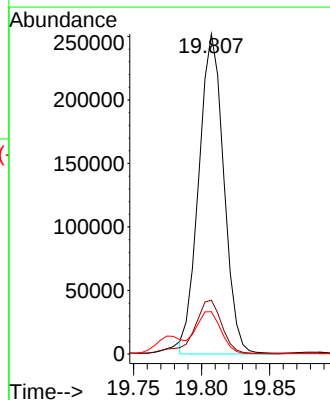
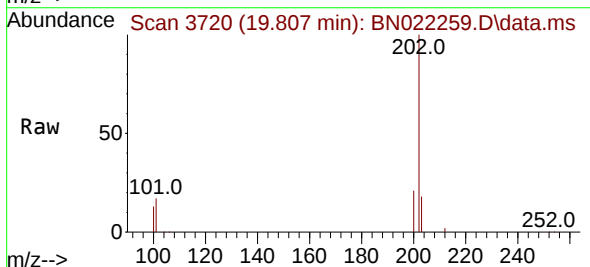
10/24/2022
Supervised By :mohammad
ahmed

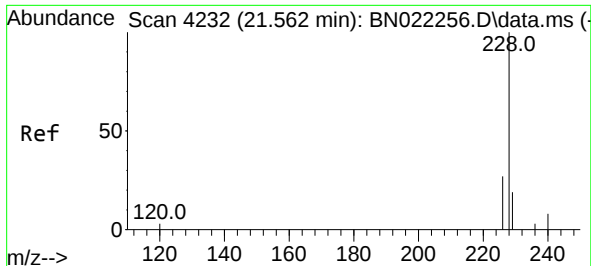
10/24/2022



#20
Pyrene
Concen: 7.134 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

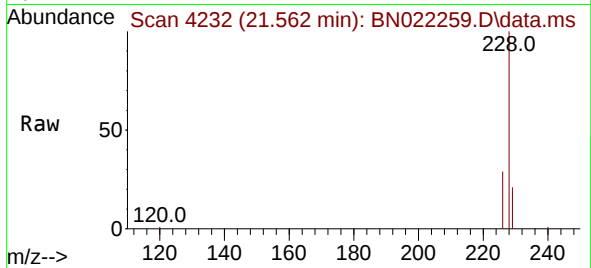
Tgt Ion:202 Resp: 322732
Ion Ratio Lower Upper
202 100
101 16.8 13.1 19.7
100 13.2 10.6 16.0





#21
Benzo(a)anthracene
Concen: 4.171 ng/ul
RT: 21.562 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

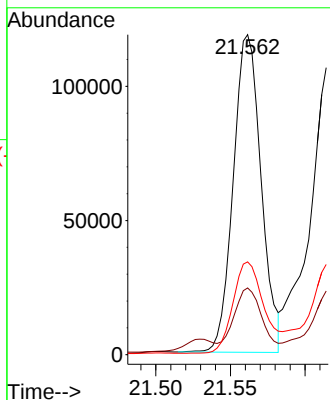
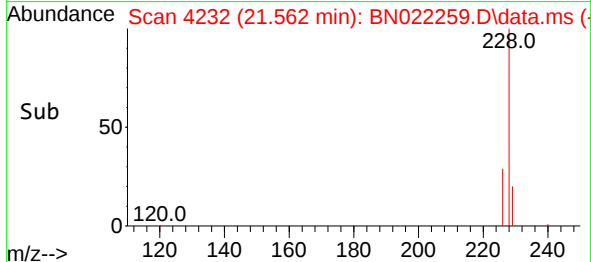
Instrument :
BNA_N
ClientSampleId :
C0BN4



Tgt Ion:228 Resp: 15362
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 29.0 21.5 32.3

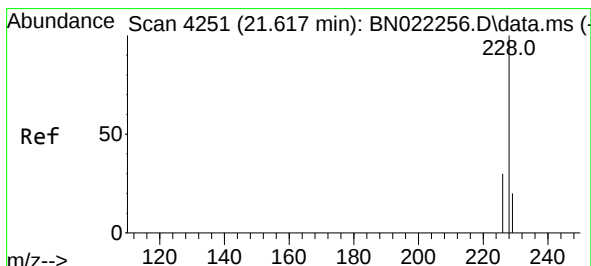
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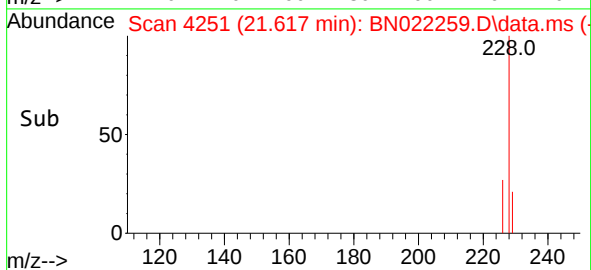
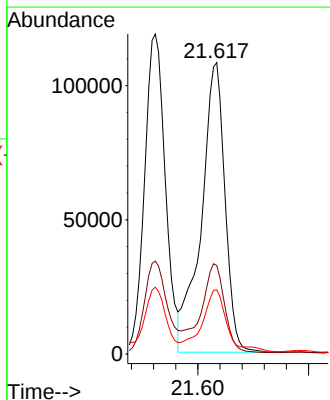
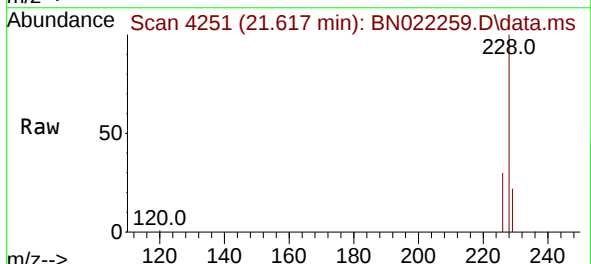
10/24/2022
Supervised By :mohammad
ahmed

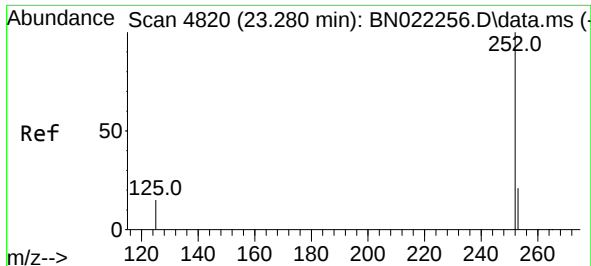
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#22
Chrysene
Concen: 4.125 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

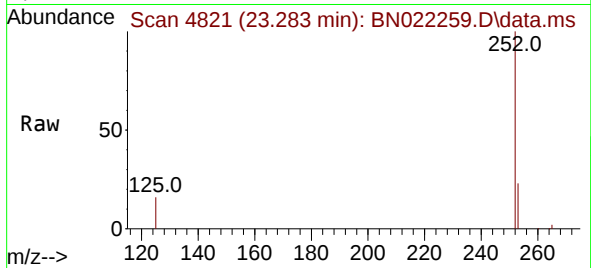
Tgt Ion:228 Resp: 161044
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 22.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.095 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

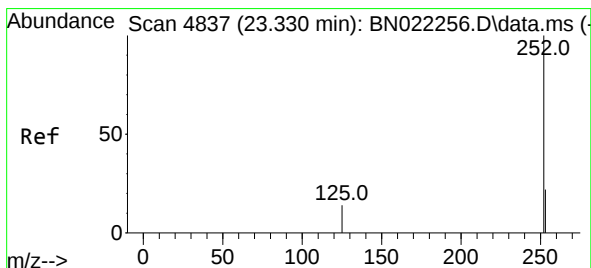
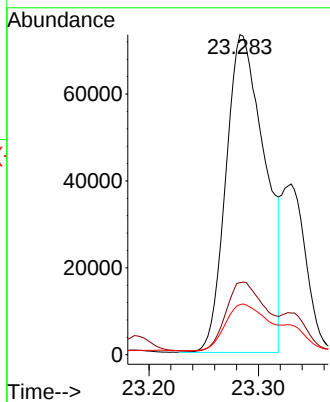
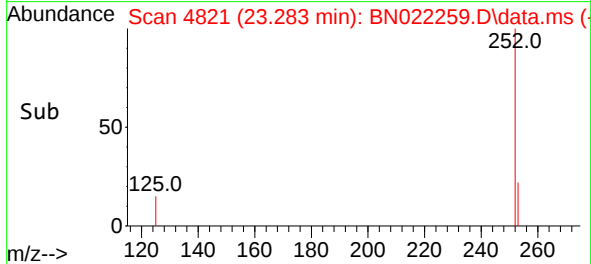
Instrument :
BNA_N
ClientSampleId :
C0BN4



Tgt Ion:252 Resp: 18098
Ion Ratio Lower Upper
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253 22.5 0.0 49.0
125 15.7 0.0 35.2

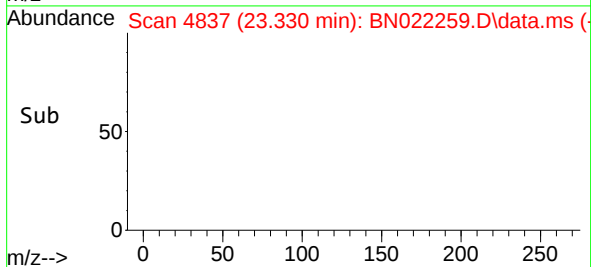
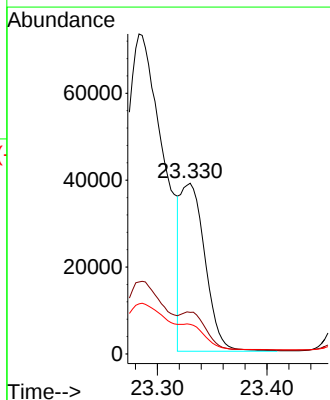
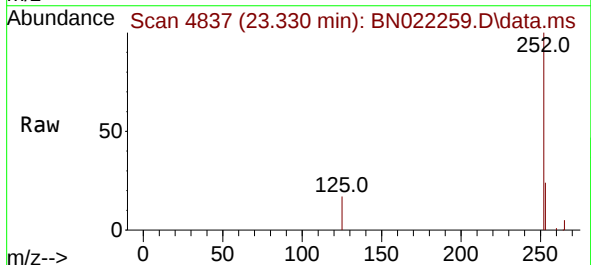
Manual Integrations
APPROVED

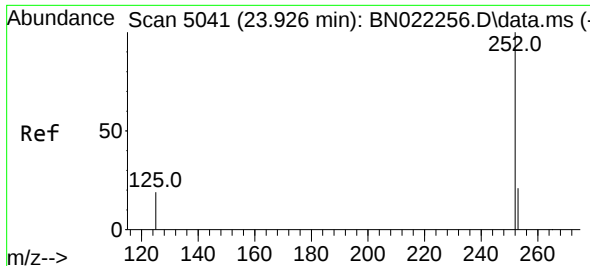
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 1.748 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

Tgt Ion:252 Resp: 60357
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 17.3 14.0 21.0





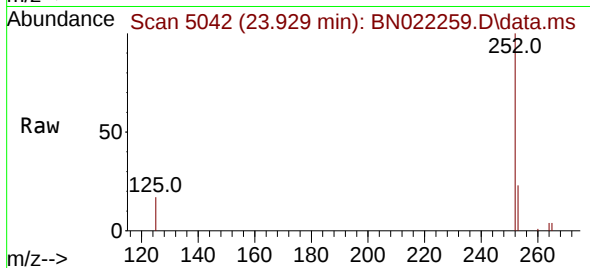
#26
Benzo(a)pyrene
Concen: 3.939 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

Instrument :

BN4_N

ClientSampleId :

C0BN4

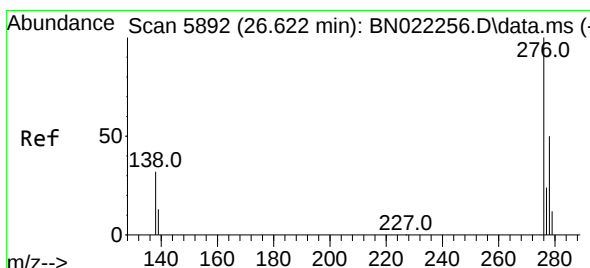
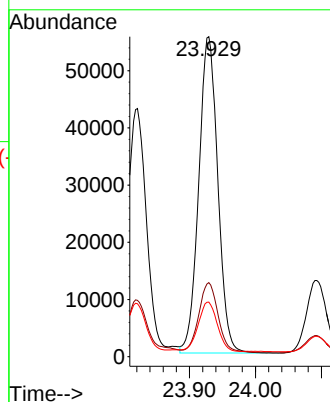
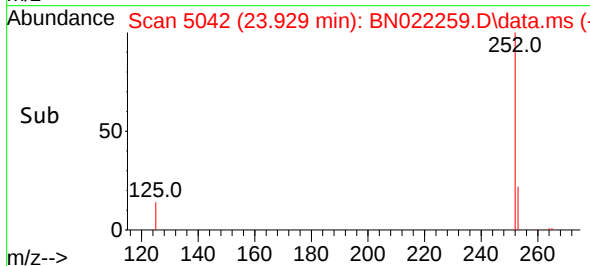


Tgt Ion:252 Resp: 111530
Ion Ratio Lower Upper
252 100
253 23.1 21.0 31.6
125 17.1 17.9 26.9

Manual Integrations

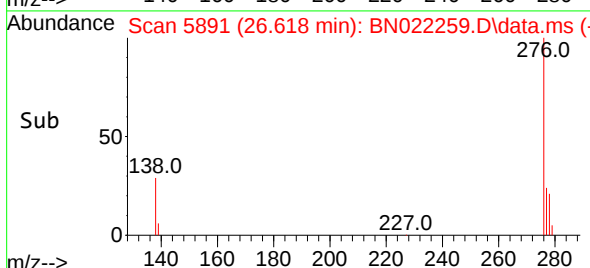
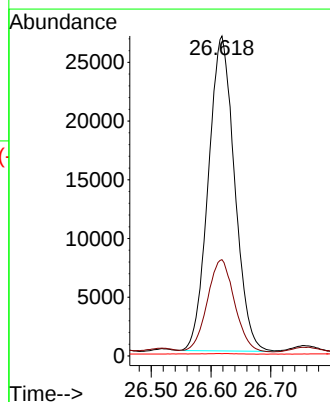
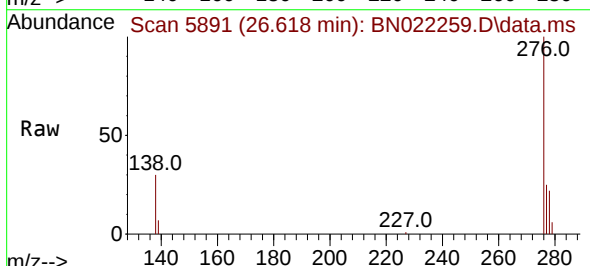
APPROVED

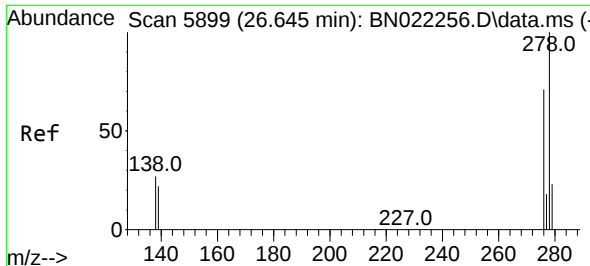
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.321 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

Tgt Ion:276 Resp: 81713
Ion Ratio Lower Upper
276 100
138 30.3 27.7 41.5
227 0.2 0.2 0.2





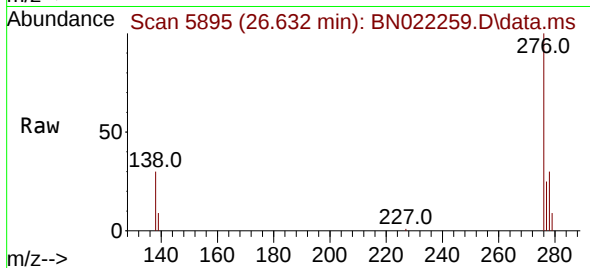
#28
Dibenzo(a,h)anthracene
Concen: 0.826 ng/ul
RT: 26.632 min Scan# 5899
Delta R.T. -0.024 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10

Instrument :

BNA_N

ClientSampleId :

C0BN4

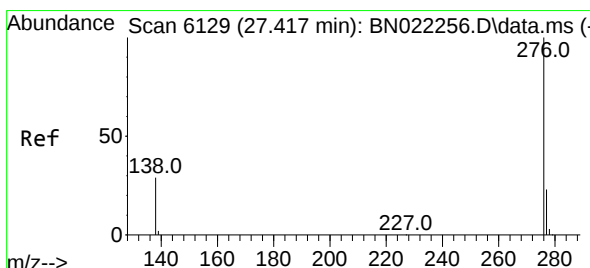
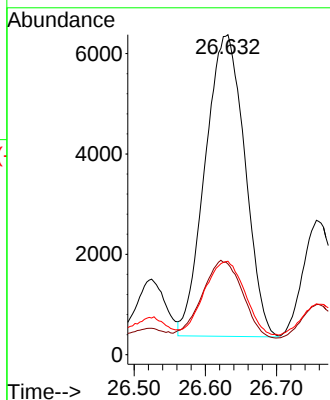
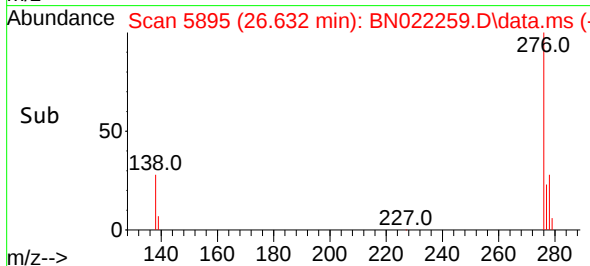


Tgt Ion:278 Resp: 2322
Ion Ratio Lower Upper
278 100
139 28.3 19.6 29.4
279 29.2 20.6 30.8

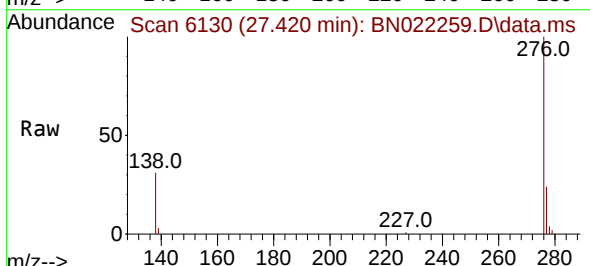
Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 2.335 ng/ul
RT: 27.420 min Scan# 6130
Delta R.T. -0.010 min
Lab File: BN022259.D
Acq: 21 Oct 2022 18:10



Tgt Ion:276 Resp: 66963
Ion Ratio Lower Upper
276 100
138 30.5 25.2 37.8
277 24.0 19.9 29.9

