

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037229.D
 Acq On : 25 Oct 2022 15:36
 Operator : CG/JU
 Sample : N5144-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 31 01:03:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	8369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	17358	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	13438	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	10388	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	18262	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5157	0.253	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	12572	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	2666	0.063	ng/ul#	92
7) 2-Methylnaphthalene	12.360	142	1984	0.078	ng/ul	100
8) 1-Methylnaphthalene	12.580	142	1525	0.059	ng/ul	100
10) Acenaphthylene	14.252	152	1090	0.030	ng/ul#	75
15) Phenanthrene	17.310	178	4126	0.070	ng/ul	96
16) Anthracene	17.403	178	1295	0.028	ng/ul#	79
19) Fluoranthene	19.323	202	8879	0.152	ng/ul	97
20) Pyrene	19.685	202	8045m	0.136	ng/ul	
21) Benzo(a)anthracene	21.432	228	3896	0.075	ng/ul	92
22) Chrysene	21.484	228	4406	0.073	ng/ul	95
24) Benzo(b)fluoranthene	23.095	252	4648	0.084	ng/ul#	44
25) Benzo(k)fluoranthene	23.139	252	1622m	0.031	ng/ul	
26) Benzo(a)pyrene	23.712	252	2521	0.057	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.275	276	1824	0.030	ng/ul#	87
29) Benzo(g,h,i)perylene	27.033	276	1259	0.023	ng/ul#	60

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

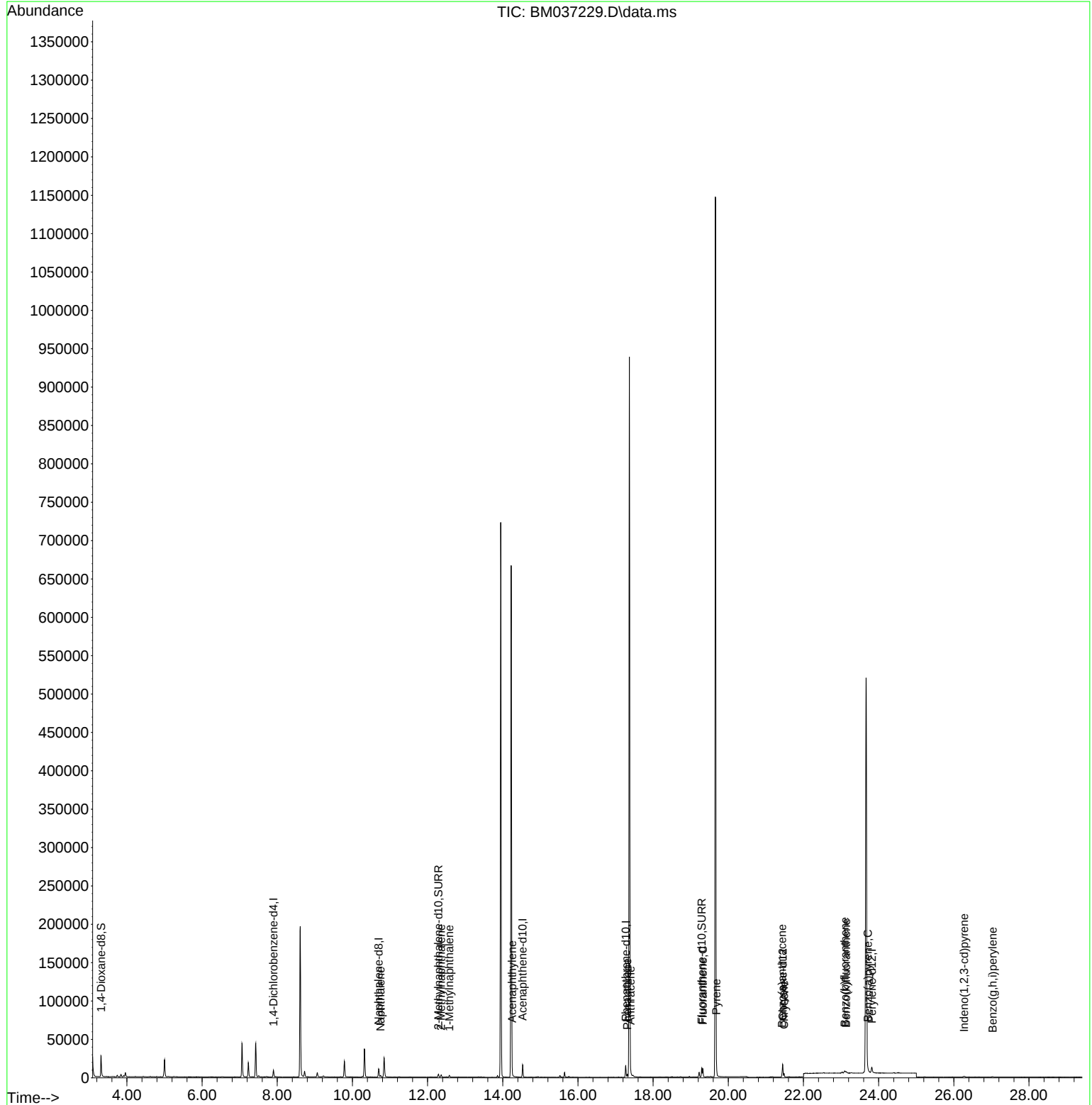
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037229.D
Acq On : 25 Oct 2022 15:36
Operator : CG/JU
Sample : N5144-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

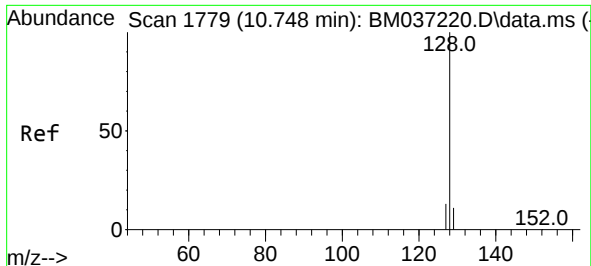
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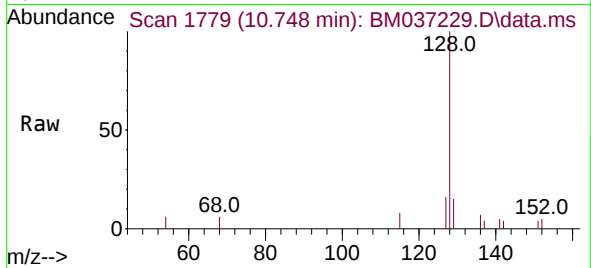
Quant Time: Oct 31 01:03:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

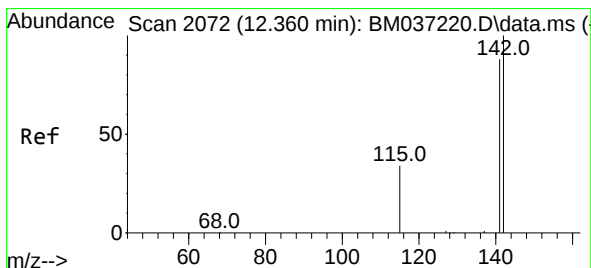
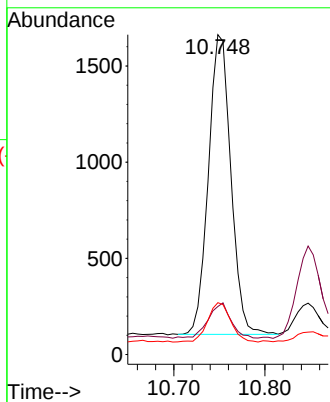
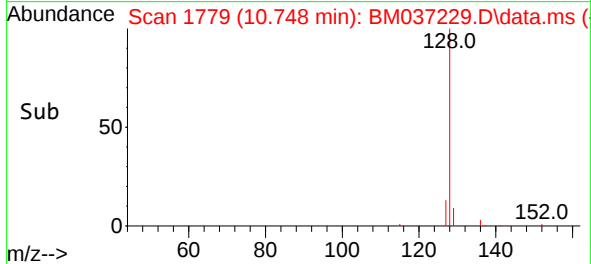
Instrument :
BNA_M
ClientSampleId :
C0BR1



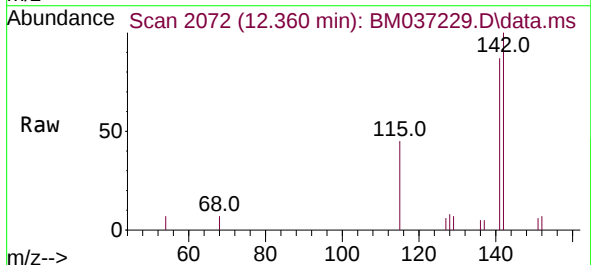
Tgt Ion:128 Resp: 2660
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9
127 16.2 10.5 15.7

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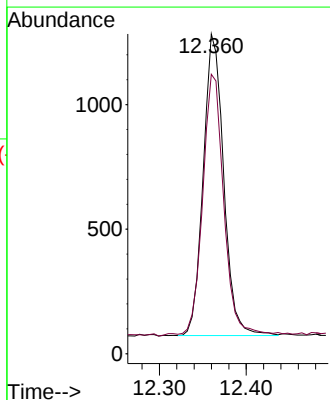
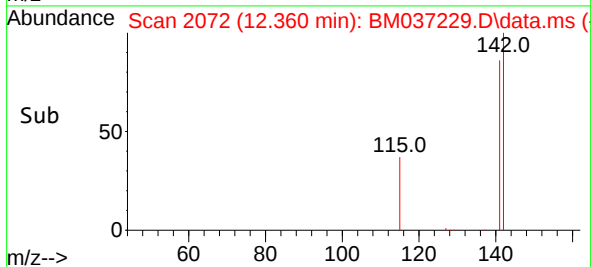
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

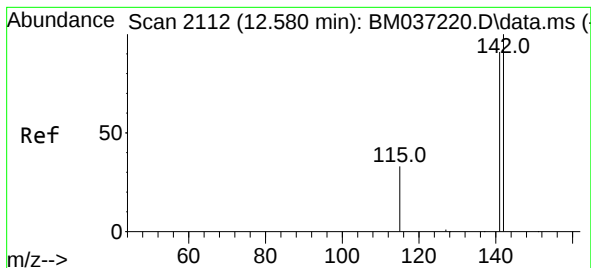


#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36



Tgt Ion:142 Resp: 1984
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.059 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BM037229.D

Acq: 25 Oct 2022 15:36

Instrument :

BNA_M

ClientSampleId :

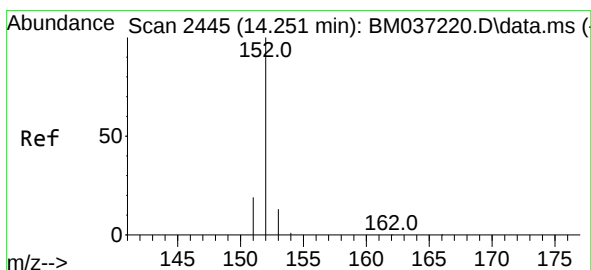
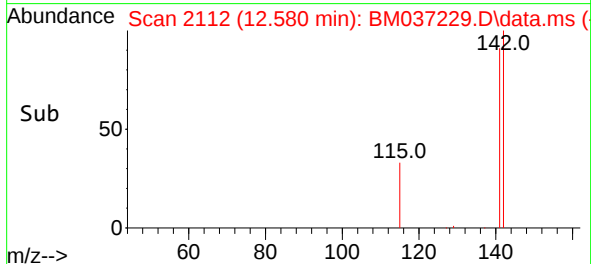
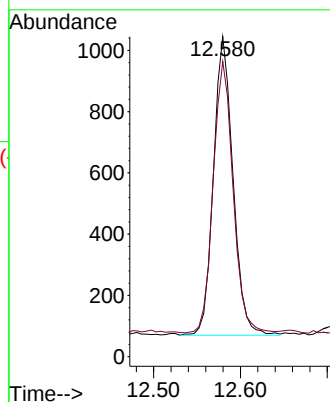
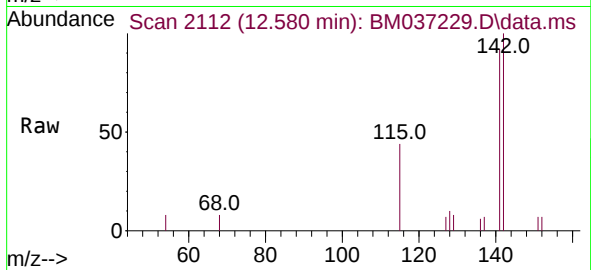
C0BR1

Tgt Ion:142 Resp: 1525
 Ion Ratio Lower Upper
 142 100
 141 92.5 74.2 111.4

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#10

Acenaphthylene

Concen: 0.030 ng/ul

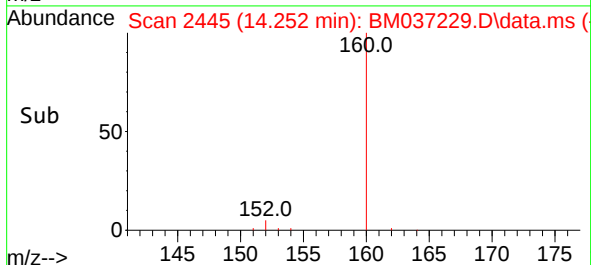
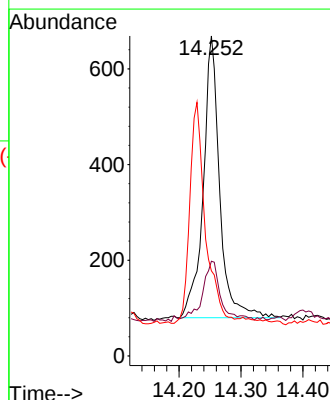
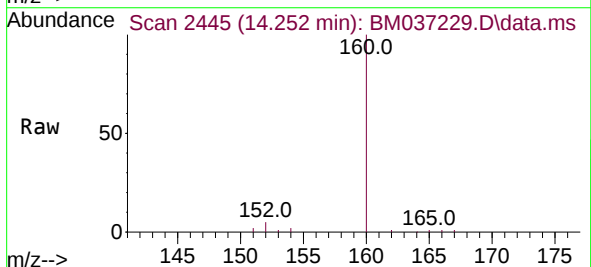
RT: 14.252 min Scan# 2445

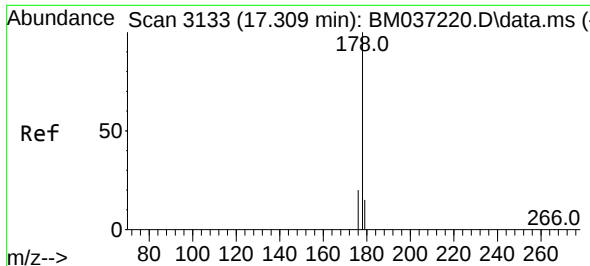
Delta R.T. 0.000 min

Lab File: BM037229.D

Acq: 25 Oct 2022 15:36

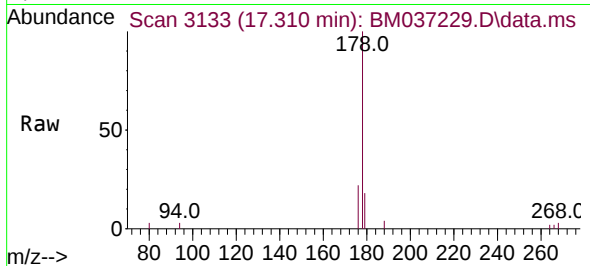
Tgt Ion:152 Resp: 1090
 Ion Ratio Lower Upper
 152 100
 151 29.6 16.2 24.2#
 153 26.6 10.8 16.2#





#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

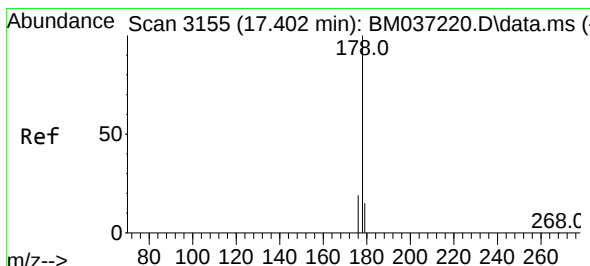
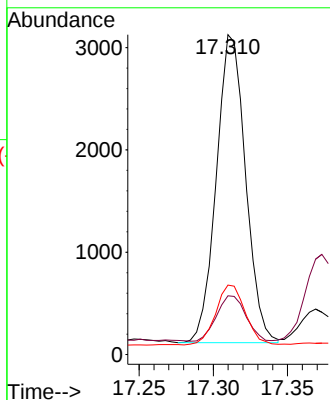
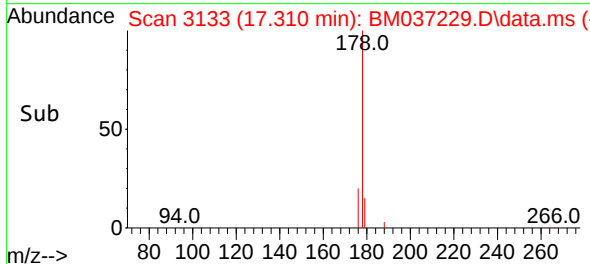
Instrument :
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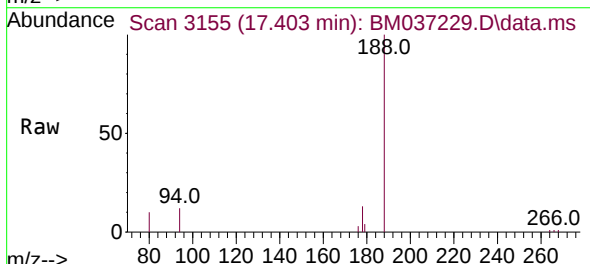
Tgt Ion:178 Resp: 4126
Ion Ratio Lower Upper
178 100
179 18.4 13.0 19.6
176 21.7 16.1 24.1

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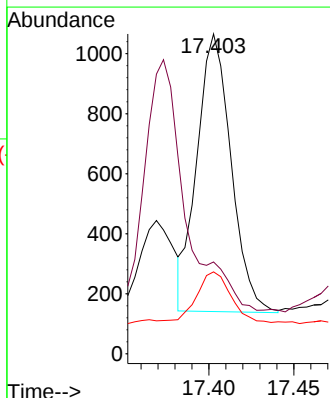
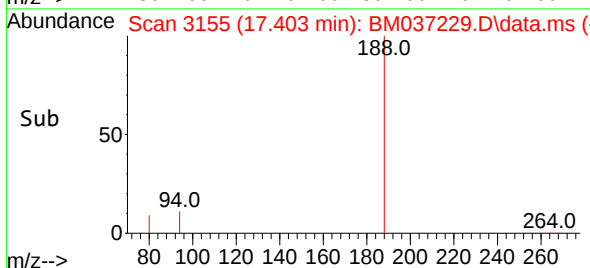
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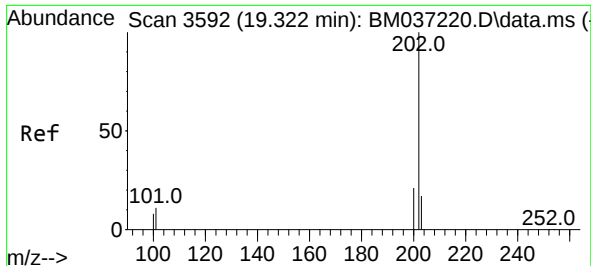


#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36



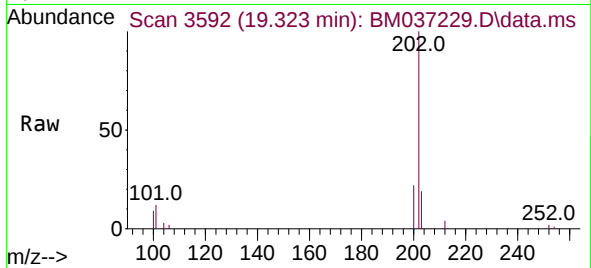
Tgt Ion:178 Resp: 1295
Ion Ratio Lower Upper
178 100
179 28.7 13.1 19.7#
176 25.6 15.3 22.9#





#19
Fluoranthene
Concen: 0.152 ng/ul
RT: 19.323 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

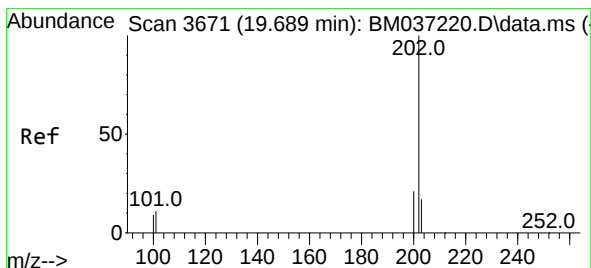
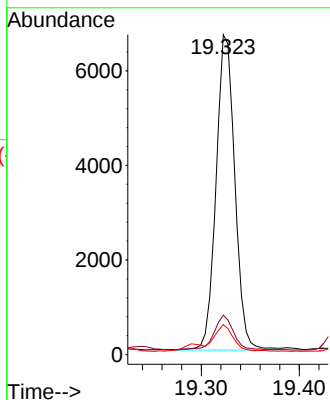
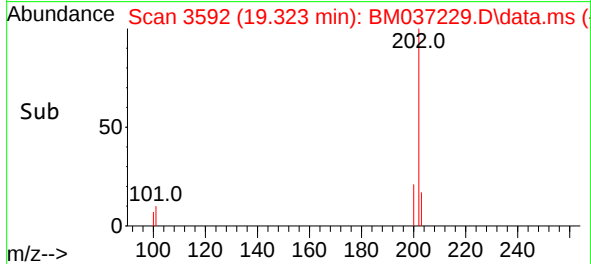
Instrument :
BNA_M
ClientSampleId :
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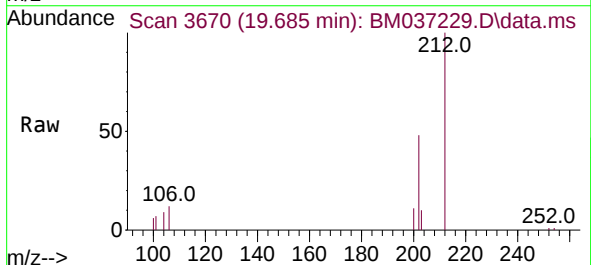
Tgt Ion:202 Resp: 8879
Ion Ratio Lower Upper
202 100
101 12.3 8.9 13.3
100 9.4 6.9 10.3

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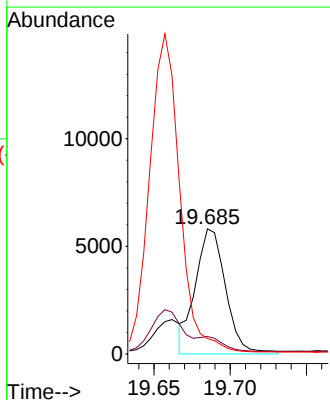
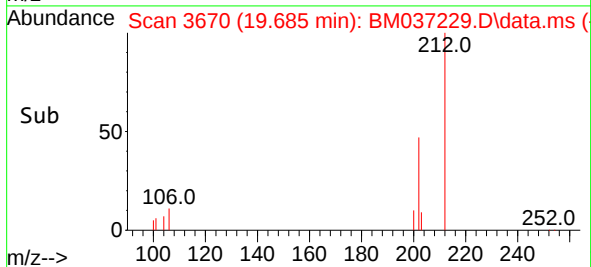
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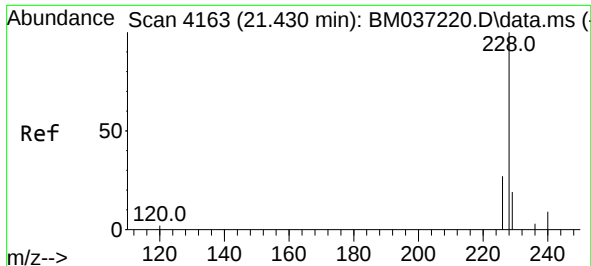


#20
Pyrene
Concen: 0.136 ng/ul m
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36



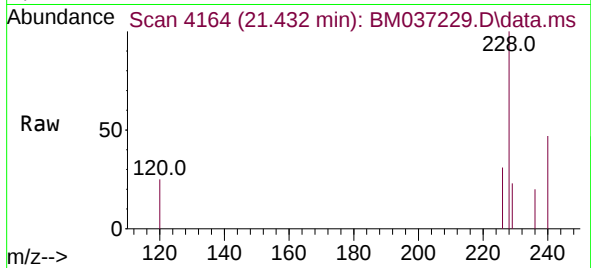
Tgt Ion:202 Resp: 8045
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 12.2 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.075 ng/u1
RT: 21.432 min Scan# 4163
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

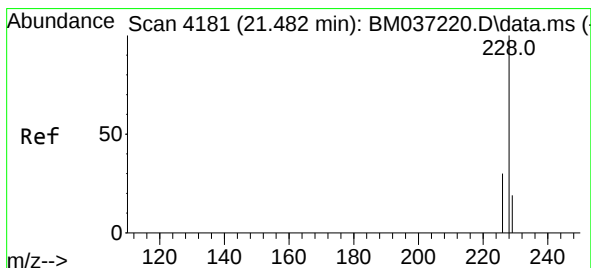
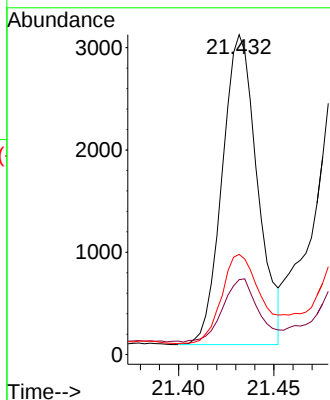
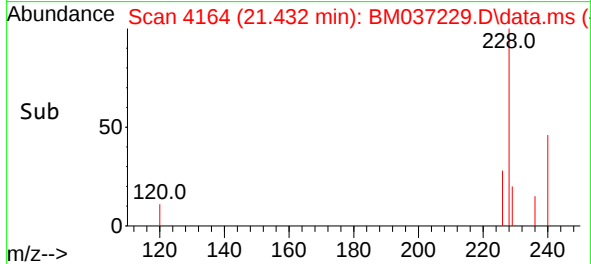
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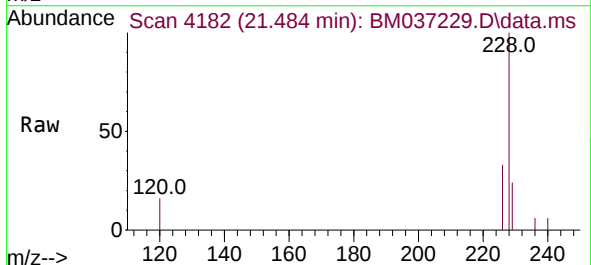
Tgt Ion:228 Resp: 3896
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 31.3 21.8 32.8

Manual Integrations
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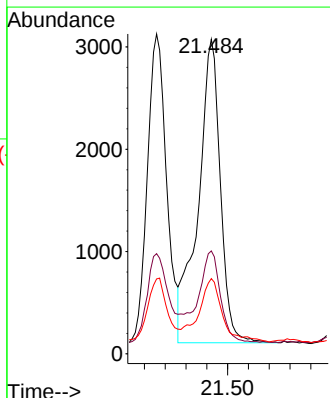
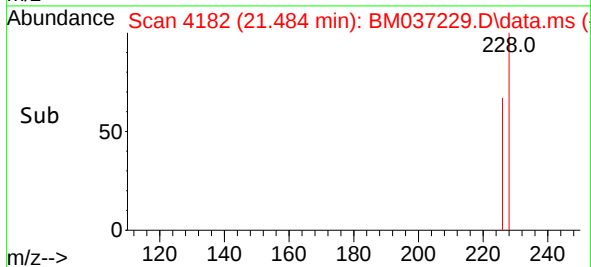
Reviewed By :Jagrut Upadhyay 11/01/2022
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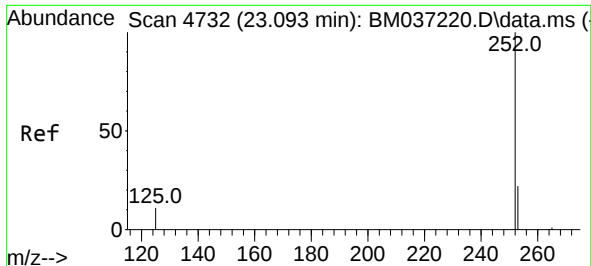


#22
Chrysene
Concen: 0.073 ng/u1
RT: 21.484 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36



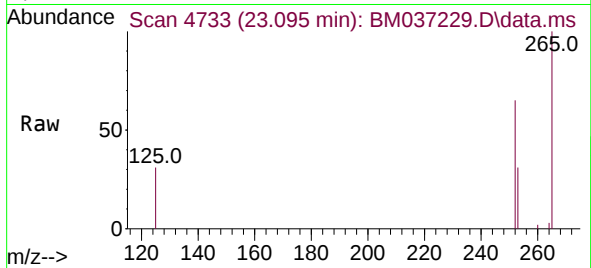
Tgt Ion:228 Resp: 4406
Ion Ratio Lower Upper
228 100
226 32.7 24.8 37.2
229 23.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul
RT: 23.095 min Scan# 4732
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

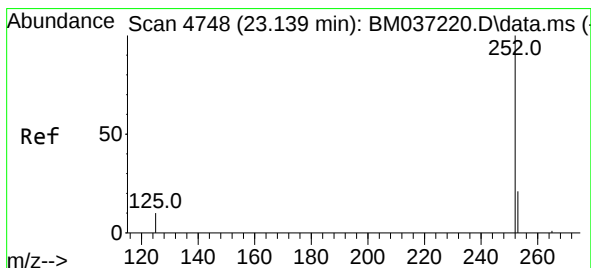
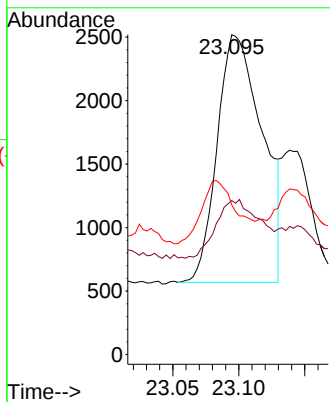
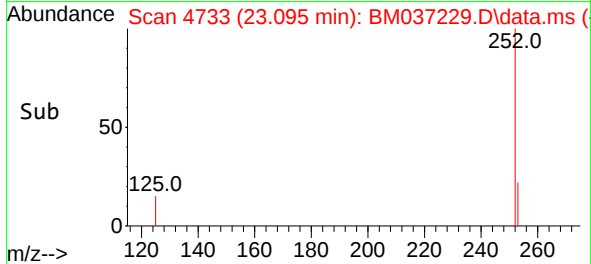
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C0BR1



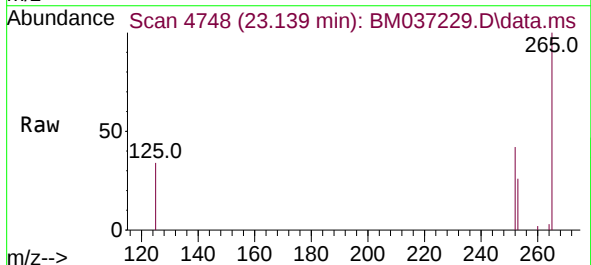
Tgt Ion:252 Resp: 4648
Ion Ratio Lower Upper
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253 48.1 0.0 50.6
125 46.8 0.0 32.6

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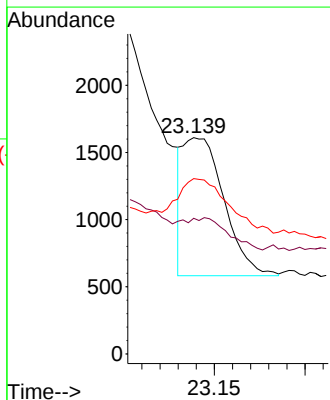
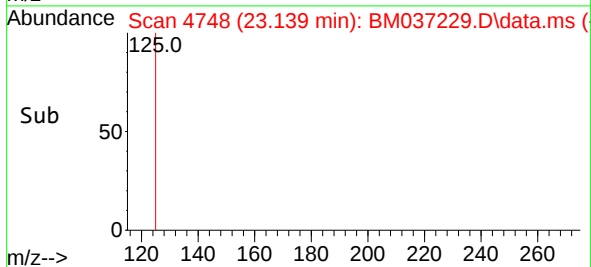
Reviewed By :Jagrut Upadhyay 11/01/2022
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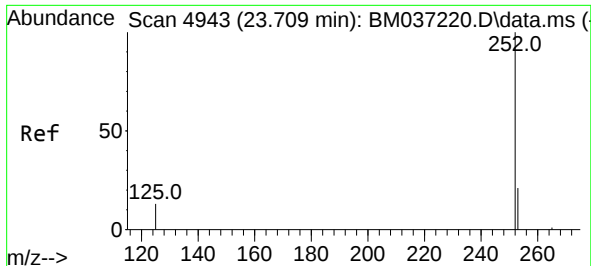


#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36



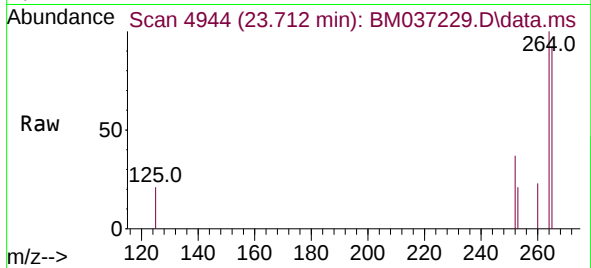
Tgt Ion:252 Resp: 1622
Ion Ratio Lower Upper
252 100
253 62.7 20.6 30.8#
125 81.1 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.057 ng/ul
RT: 23.712 min Scan# 4943
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

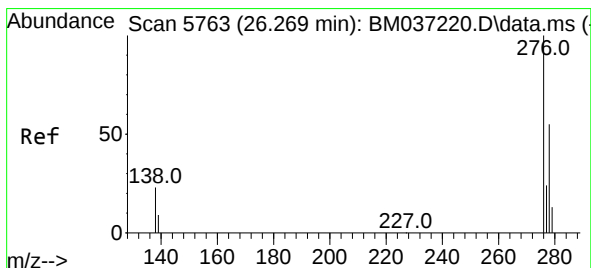
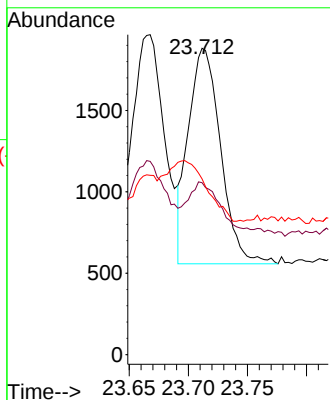
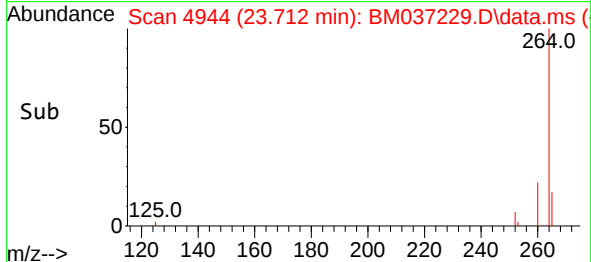
Instrument :
BNA_M
ClientSampleId :
C0BR1



Tgt Ion:252 Resp: 252
Ion Ratio Lower Upper
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125 57.4 17.6 26.4#

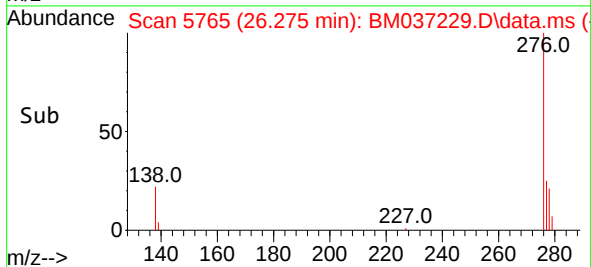
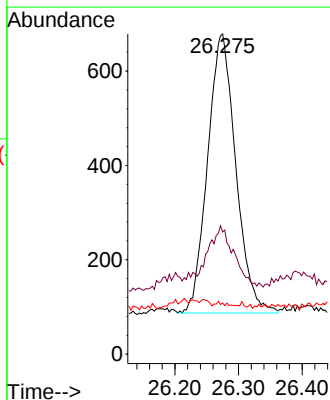
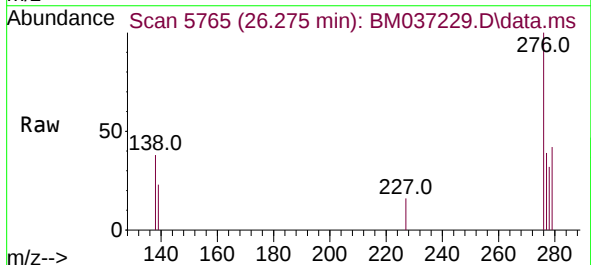
Manual Integrations
APPROVED

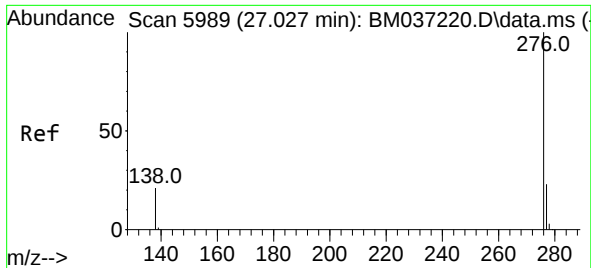
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 26.275 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

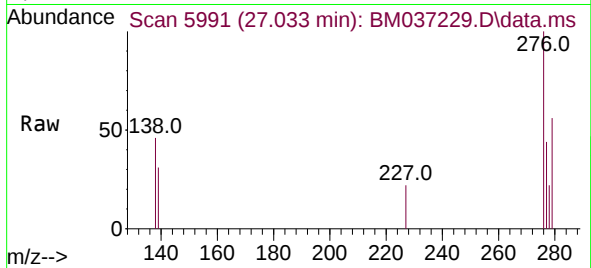
Tgt Ion:276 Resp: 1824
Ion Ratio Lower Upper
276 100
138 19.7 21.4 32.0#
227 1.1 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.033 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Instrument :
BNA_M
ClientSampleId :
C0BR1



Tgt Ion:276 Resp: 1259
Ion Ratio Lower Upper
276 100
138 45.8 19.8 29.8
277 44.5 20.1 30.1

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/02/2022

