

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040456.D
 Acq On : 30 Jun 2023 02:39
 Operator : MA/JU
 Sample : 03143-03DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 04:49:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	7341	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	26714	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	12489	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	23789	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13477	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	12547	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	6744	0.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1714	0.046	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	2327	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	2152	0.029	ng/ul#	80
7) 2-Methylnaphthalene	12.411	142	971	0.022	ng/ul	100
10) Acenaphthylene	14.304	152	1608	0.029	ng/ul#	78
15) Phenanthrene	17.370	178	14697	0.199	ng/ul	98
16) Anthracene	17.459	178	2653	0.043	ng/ul#	83
19) Fluoranthene	19.384	202	34646	0.605	ng/ul	97
20) Pyrene	19.747	202	27086m	0.441	ng/ul	
21) Benzo(a)anthracene	21.491	228	12711	0.279	ng/ul	95
22) Chrysene	21.544	228	17013	0.327	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	26956	0.555	ng/ul	92
25) Benzo(k)fluoranthene	23.227	252	8578m	0.179	ng/ul	
26) Benzo(a)pyrene	23.809	252	16114	0.368	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.417	276	15235	0.250	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.434	278	3607	0.076	ng/ul#	58
29) Benzo(g,h,i)perylene	27.192	276	15902	0.298	ng/ul	97

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

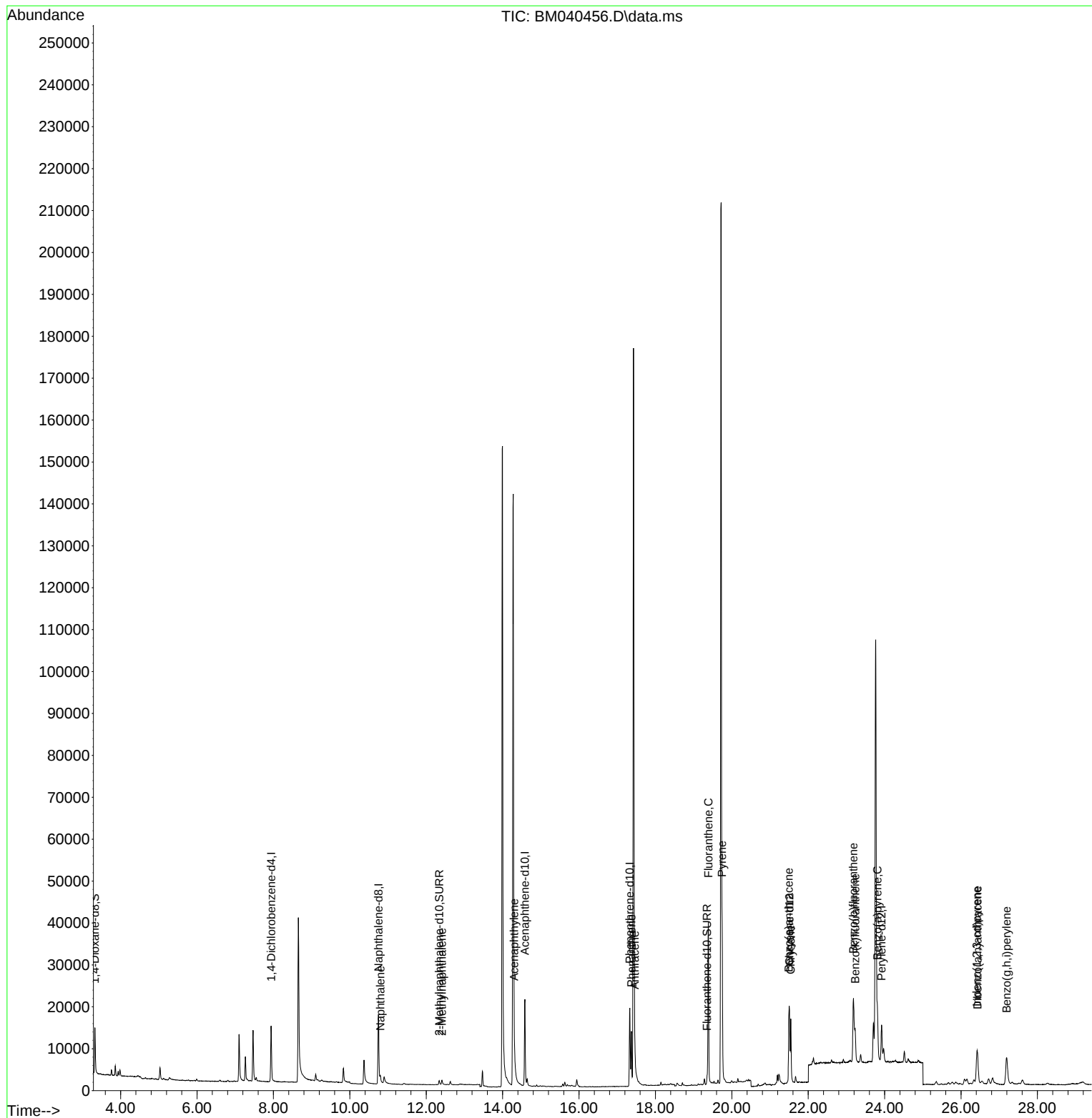
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040456.D
Acq On : 30 Jun 2023 02:39
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ALS Vial : 30 Sample Multiplier: 1

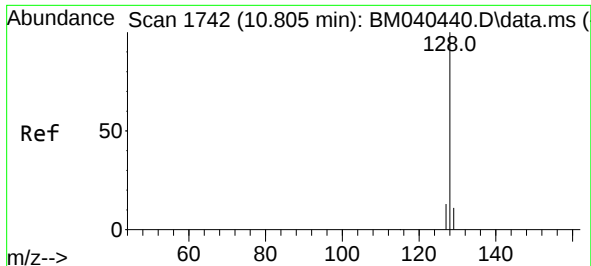
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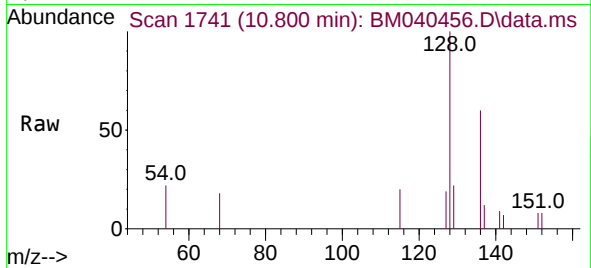
Quant Time: Jun 30 04:49:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.800 min Scan# 1742
Delta R.T. -0.011 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

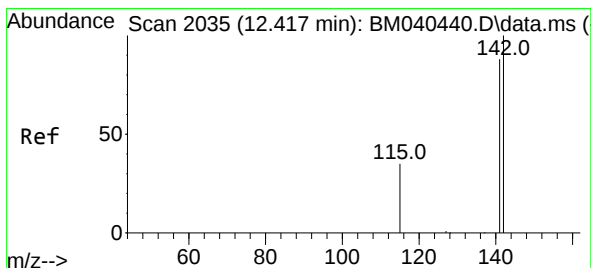
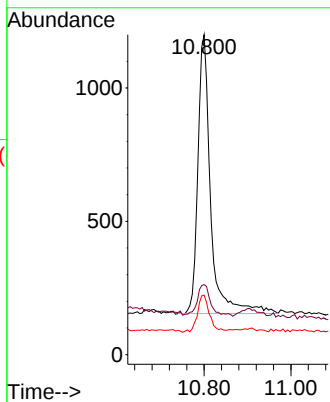
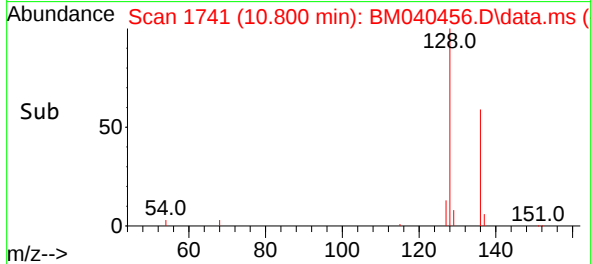
Instrument :
BNA_M
ClientSampleId :
DCFU2DL



Tgt Ion:128 Resp: 2152
Ion Ratio Lower Upper
128 100
129 21.9 9.2 13.8
127 18.6 10.6 15.8

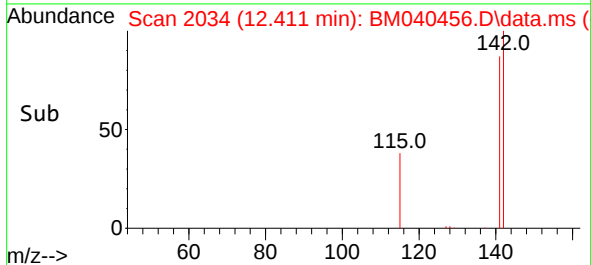
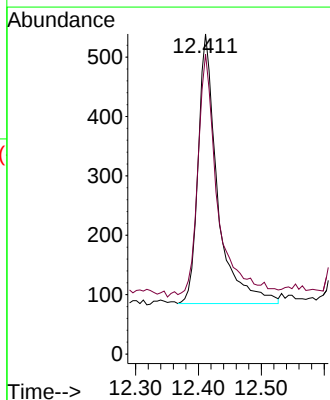
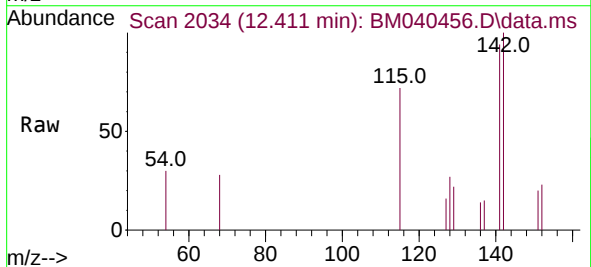
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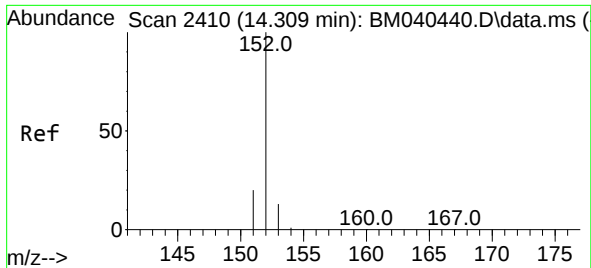
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

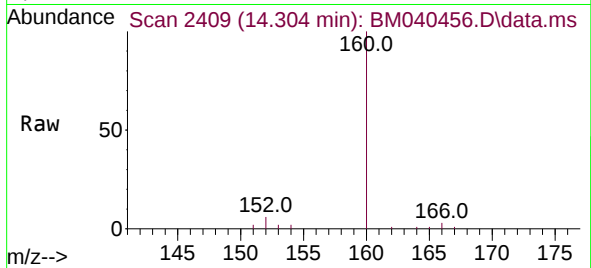
Tgt Ion:142 Resp: 971
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.304 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

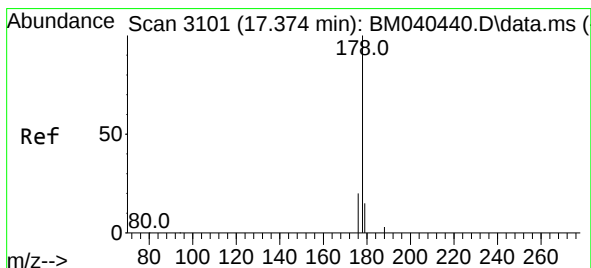
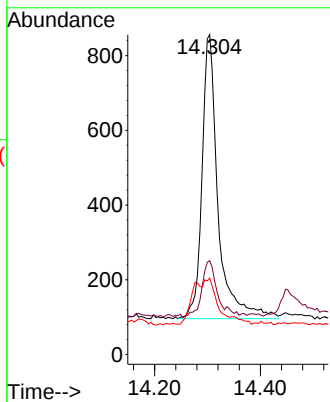
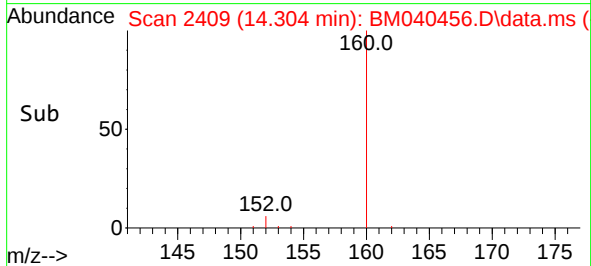
Instrument :
BNA_M
ClientSampleId :
DCFU2DL



Tgt Ion:152 Resp: 1608
Ion Ratio Lower Upper
152 100
151 29.3 16.2 24.2
153 23.9 10.9 16.3

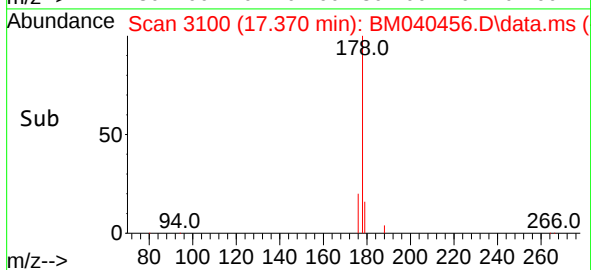
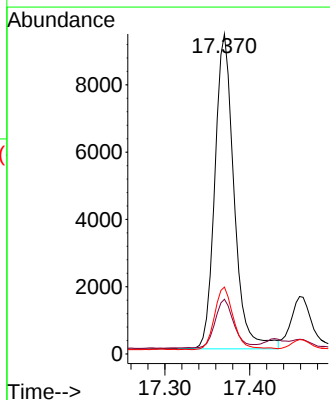
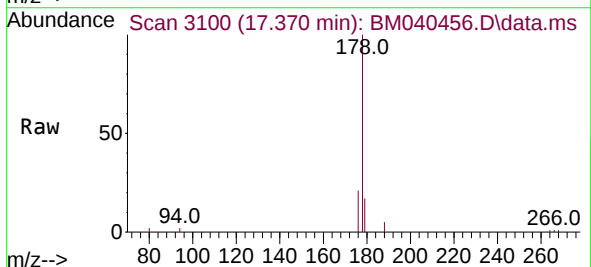
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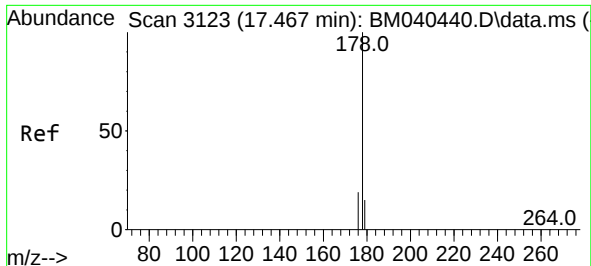
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

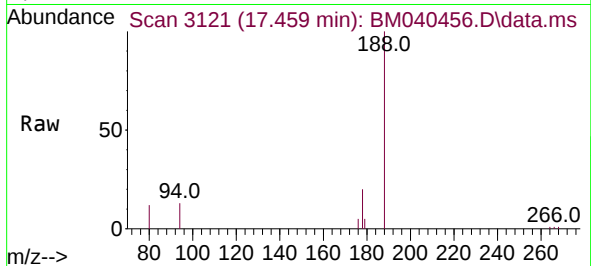
Tgt Ion:178 Resp: 14697
Ion Ratio Lower Upper
178 100
179 17.1 12.8 19.2
176 20.9 16.4 24.6





#16
 Anthracene
 Concen: 0.043 ng/u1
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.013 min
 Lab File: BM040456.D
 Acq: 30 Jun 2023 02:39

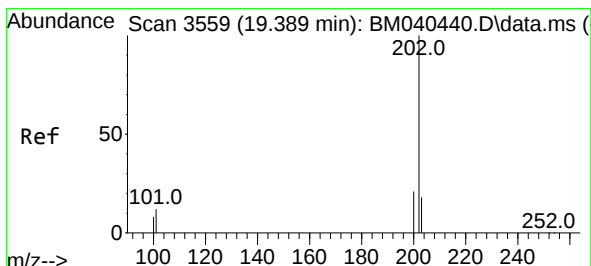
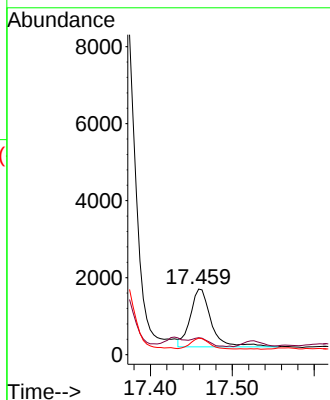
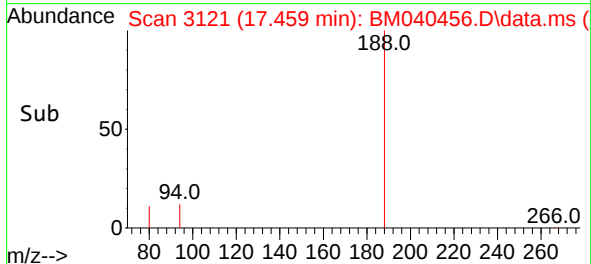
Instrument :
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 ClientSampleId :
 DCFU2DL



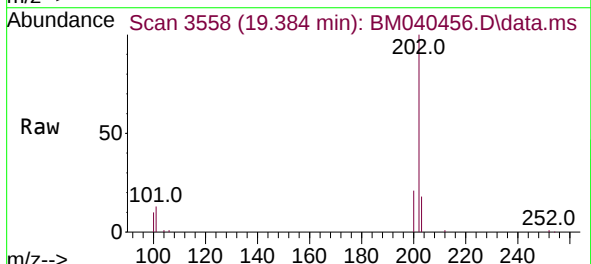
Tgt Ion:178 Resp: 265
 Ion Ratio Lower Upper
 178 100
 179 25.7 12.9 19.3
 176 25.2 15.8 23.6

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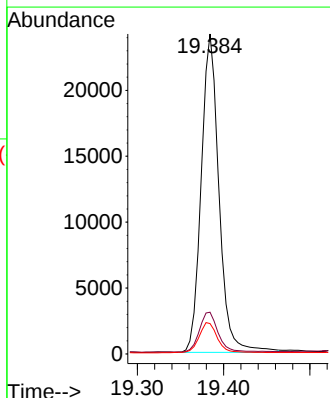
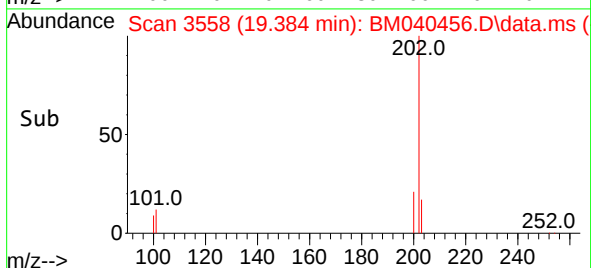
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

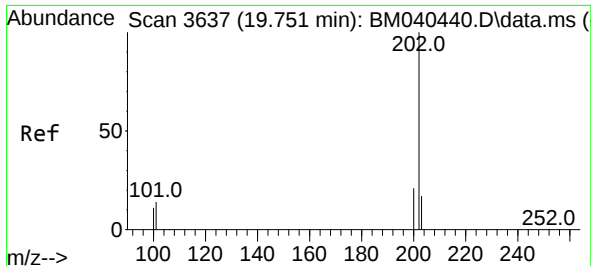


#19
 Fluoranthene
 Concen: 0.605 ng/u1
 RT: 19.384 min Scan# 3558
 Delta R.T. -0.005 min
 Lab File: BM040456.D
 Acq: 30 Jun 2023 02:39



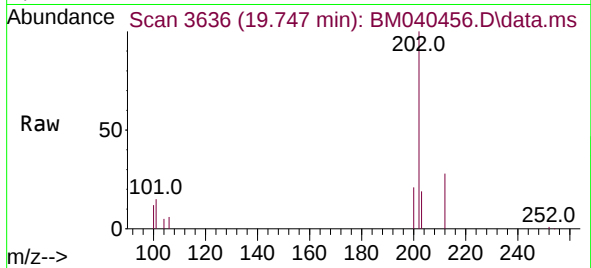
Tgt Ion:202 Resp: 34646
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.4 17.0
 100 9.5 8.7 13.1





#20
Pyrene
Concen: 0.441 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

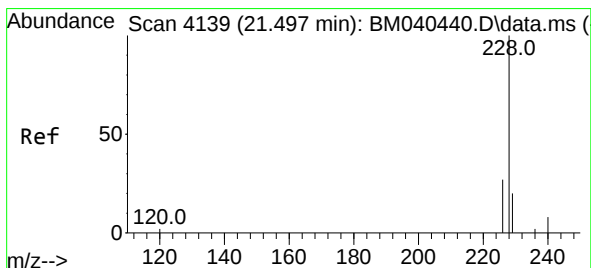
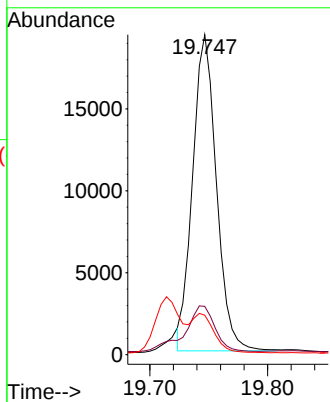
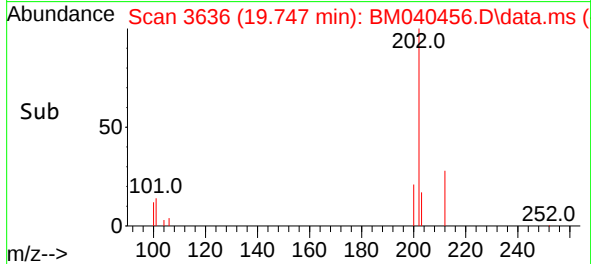
Instrument :
BNA_M
ClientSampleId :
DCFU2DL



Tgt Ion:202 Resp: 27086
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.3 9.8 14.6

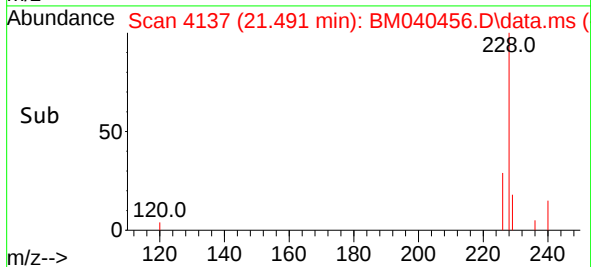
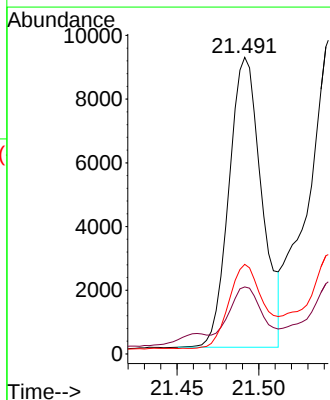
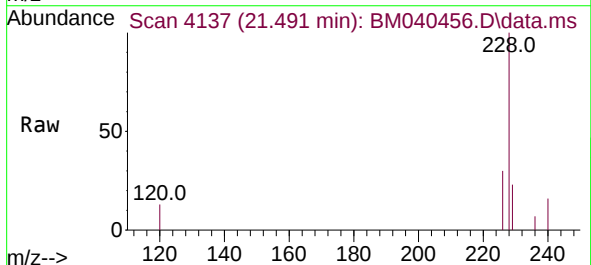
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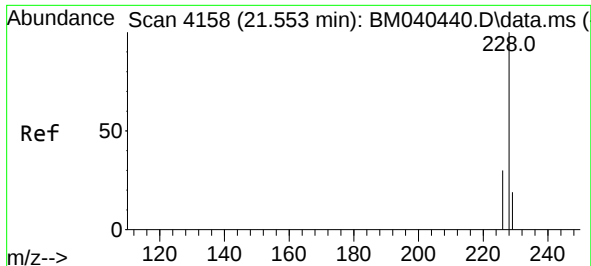
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

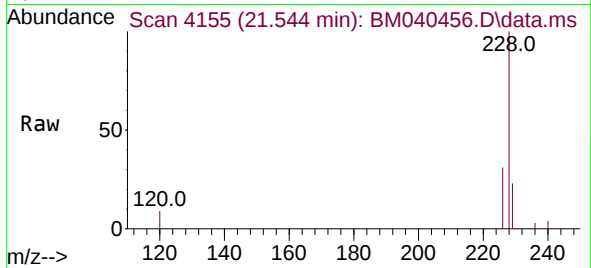
Tgt Ion:228 Resp: 12711
Ion Ratio Lower Upper
228 100
229 22.6 16.0 24.0
226 30.2 22.3 33.5





#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.544 min Scan# 4158
Delta R.T. -0.009 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

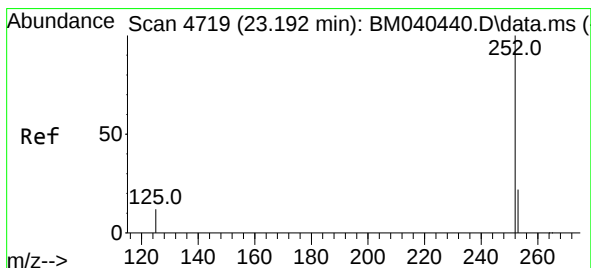
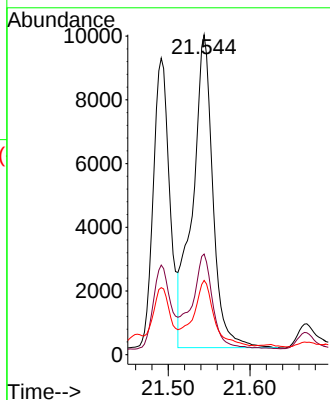
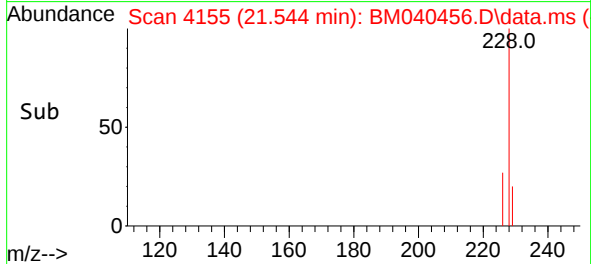
Instrument :
BNA_M
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Tgt Ion:228 Resp: 17011
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 23.2 15.8 23.6

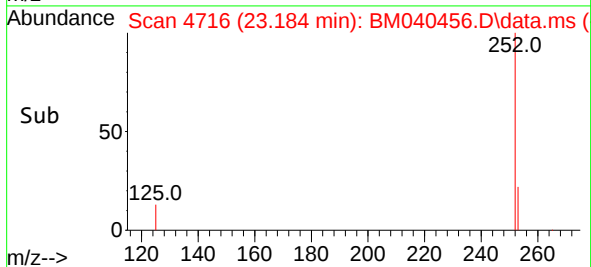
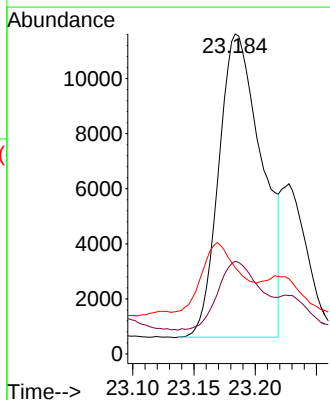
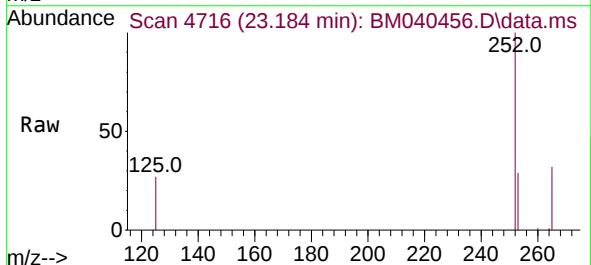
Manual Integrations
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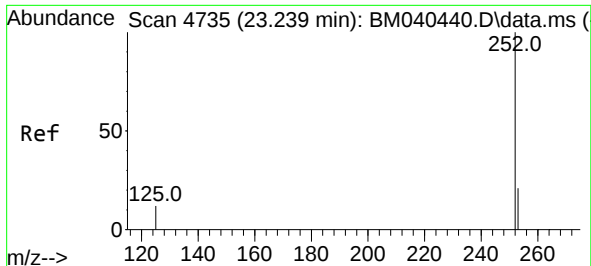
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Benzo(b)fluoranthene
Concen: 0.555 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. -0.009 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

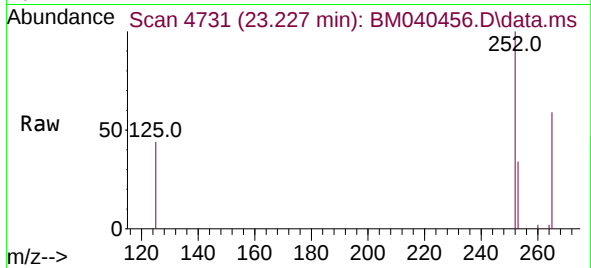
Tgt Ion:252 Resp: 26956
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.8
125 27.0 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 23.227 min Scan# 4735
Delta R.T. -0.015 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

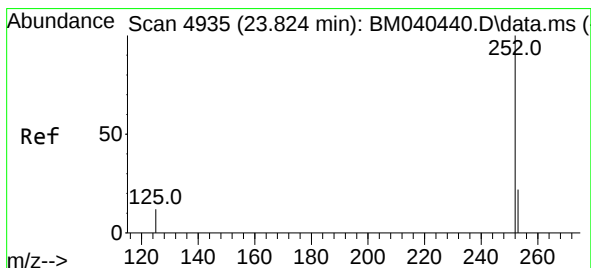
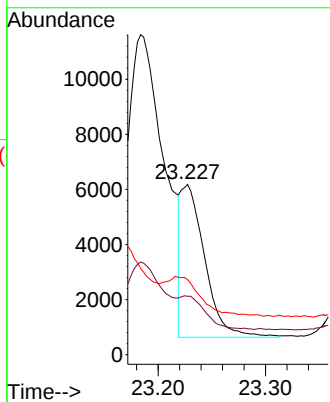
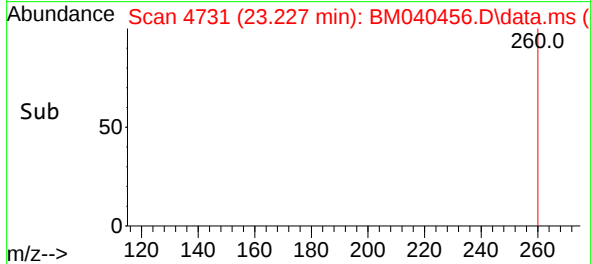
Instrument :
BNA_M
ClientSampleId :
DCFU2DL



Tgt Ion:252 Resp: 8578
Ion Ratio Lower Upper
252 100
253 34.3 21.2 31.8
125 44.1 16.4 24.6

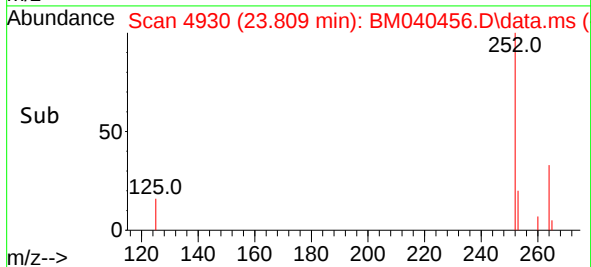
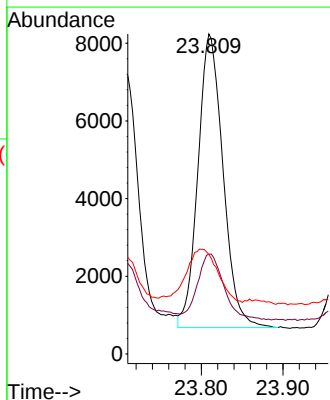
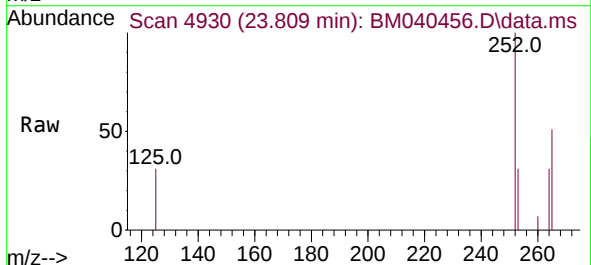
Manual Integrations
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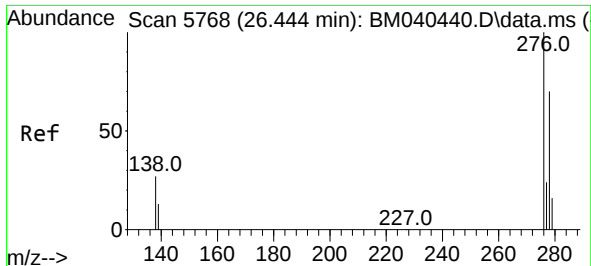
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.015 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

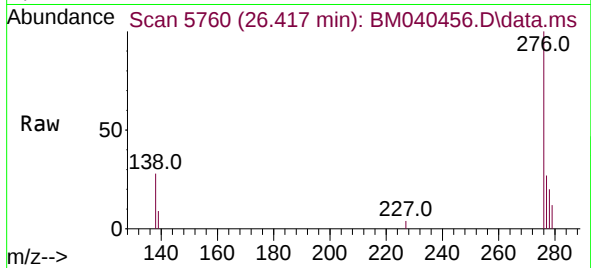
Tgt Ion:252 Resp: 16114
Ion Ratio Lower Upper
252 100
253 31.2 22.9 34.3
125 31.0 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.250 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.017 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

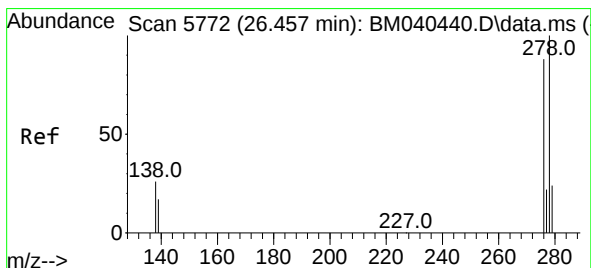
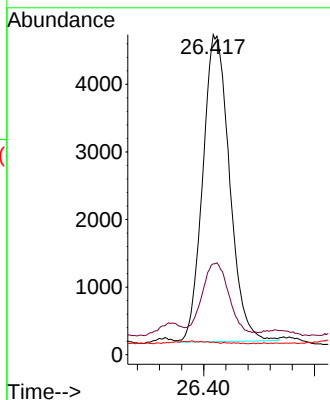
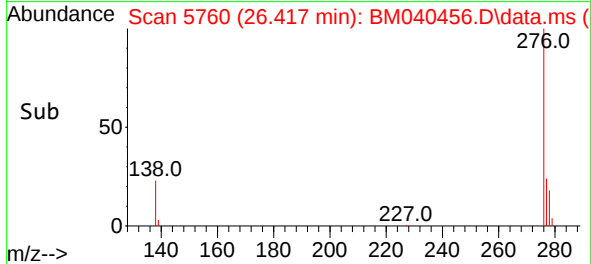
Instrument :
BNA_M
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DCFU2DL



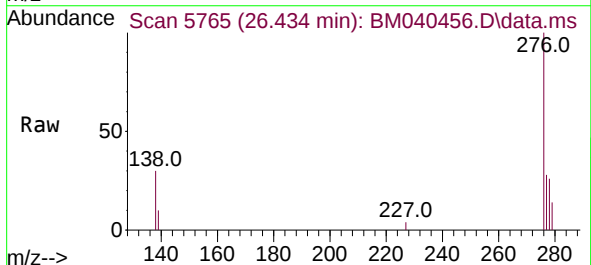
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Ion Ratio Lower Upper
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138 24.5 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
APPROVED

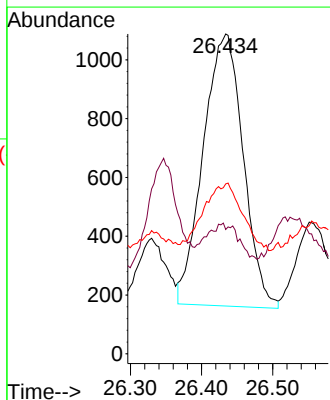
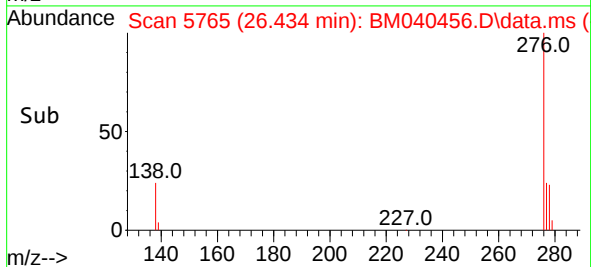
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

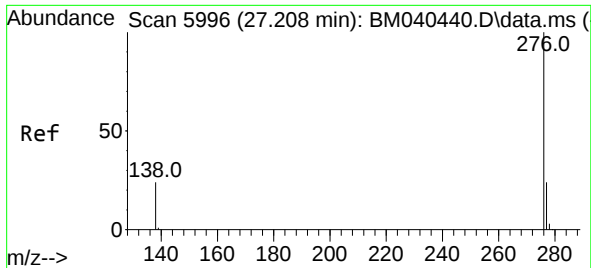


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.020 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39



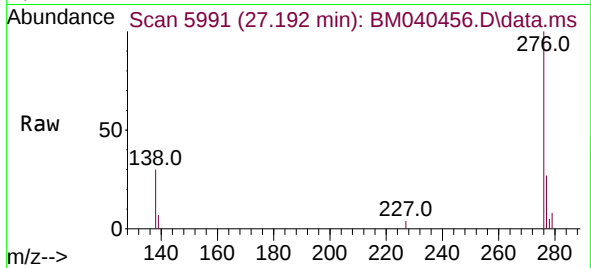
Tgt Ion:278 Resp: 3607
Ion Ratio Lower Upper
278 100
139 38.9 17.9 26.9#
279 53.1 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. -0.013 min
Lab File: BM040456.D
Acq: 30 Jun 2023 02:39

Instrument :
BNA_M
ClientSampleId :
DCFU2DL



Tgt Ion:276 Resp: 1590
Ion Ratio Lower Upper
276 100
138 30.0 23.0 34.6
277 26.8 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

