

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027820.D
 Acq On : 22 Sep 2023 11:46
 Operator : MA/JU
 Sample : 04332-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 12:26:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	18772	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11612	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26185	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22200	0.400	ng/ul	0.00
23) Perylene-d12	24.067	264	19178	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16532	2.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4416	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	11088	0.164	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.872	128	2184	0.041	ng/ul#	85
7) 2-Methylnaphthalene	12.473	142	1679	0.049	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	1488	0.042	ng/ul	98
10) Acenaphthylene	14.370	152	1414	0.028	ng/ul#	74
15) Phenanthrene	17.434	178	12603	0.153	ng/ul	98
16) Anthracene	17.527	178	1679	0.024	ng/ul#	74
19) Fluoranthene	19.445	202	32853	0.366	ng/ul	100
20) Pyrene	19.812	202	28277m	0.306	ng/ul	
21) Benzo(a)anthracene	21.553	228	12657	0.147	ng/ul	94
22) Chrysene	21.609	228	15341	0.173	ng/ul#	93
24) Benzo(b)fluoranthene	23.295	252	21429m	0.251	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	7583m	0.092	ng/ul	
26) Benzo(a)pyrene	23.950	252	12175	0.177	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.683	276	8660	0.098	ng/ul#	88
29) Benzo(g,h,i)perylene	27.518	276	8151	0.109	ng/ul#	62

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

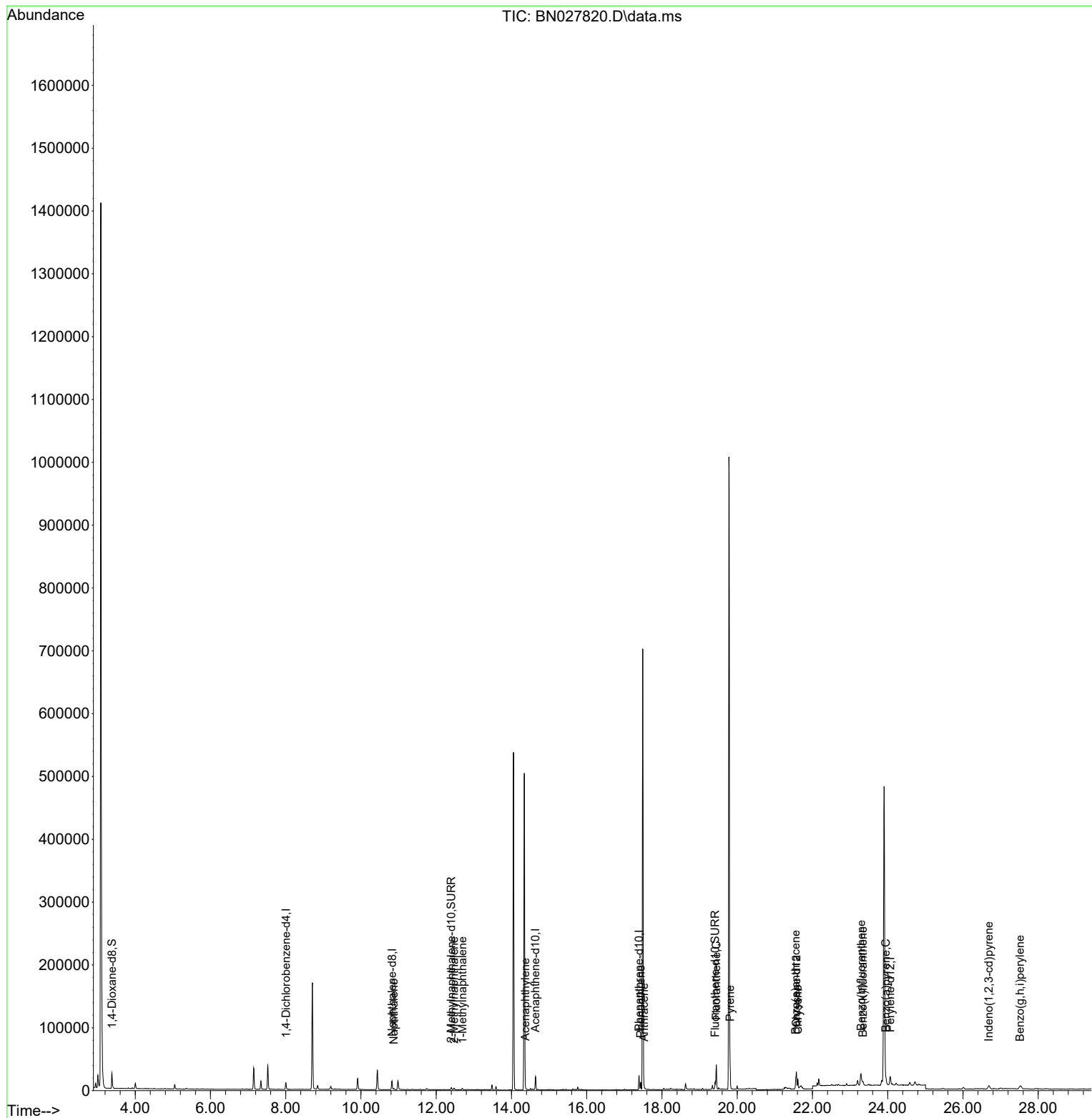
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027820.D
Acq On : 22 Sep 2023 11:46
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Sample : 04332-19
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ALS Vial : 39 Sample Multiplier: 1

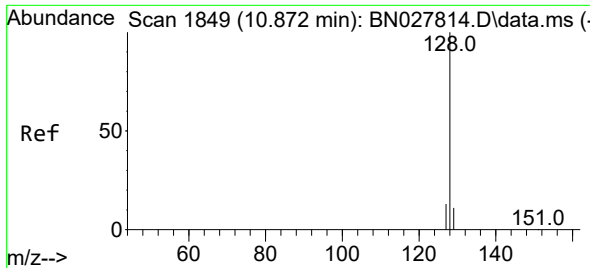
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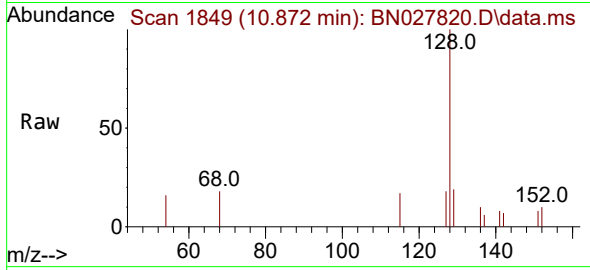
Quant Time: Sep 22 12:26:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

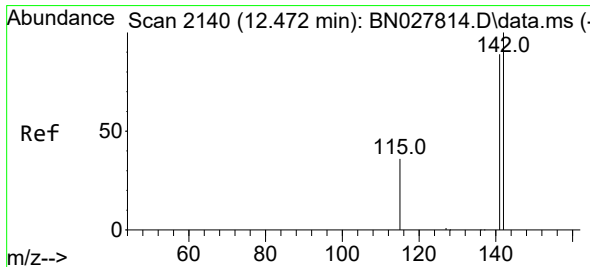
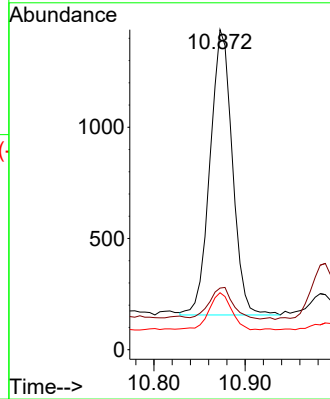
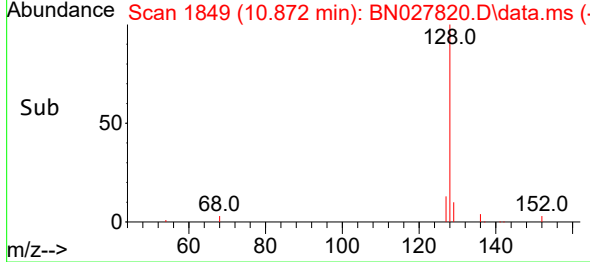
Instrument :
BNA_N
ClientSampleId :
C0AE6



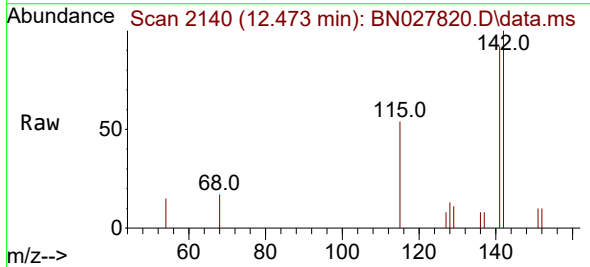
Tgt Ion:128 Resp: 2184
Ion Ratio Lower Upper
128 100
129 19.2 9.3 13.9
127 17.8 10.7 16.1

Manual Integrations
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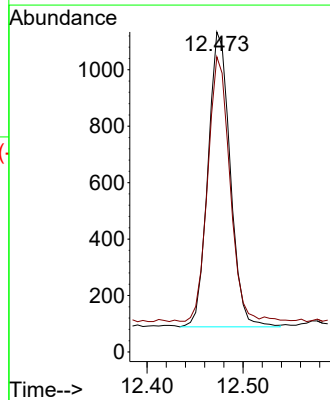
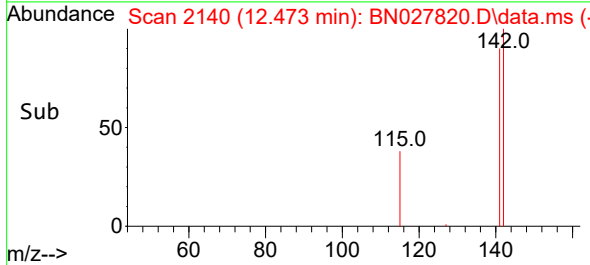
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

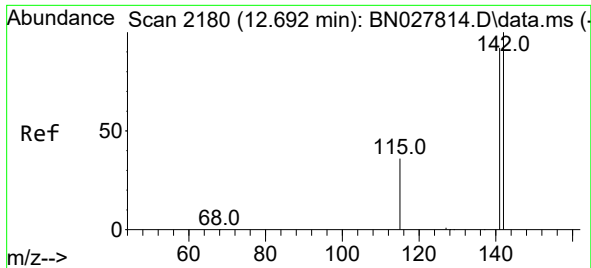


#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46



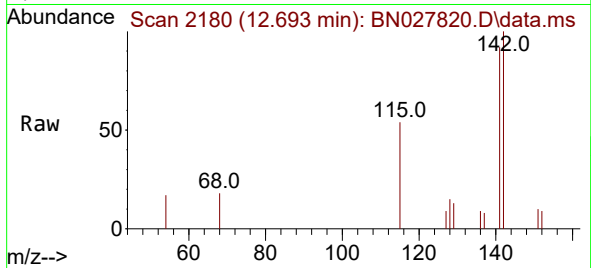
Tgt Ion:142 Resp: 1679
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

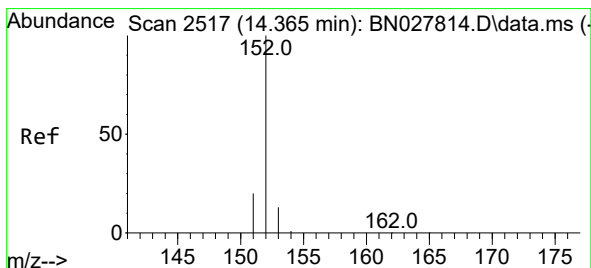
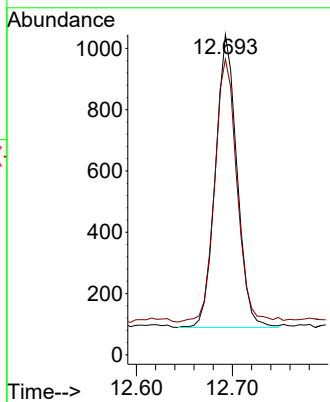
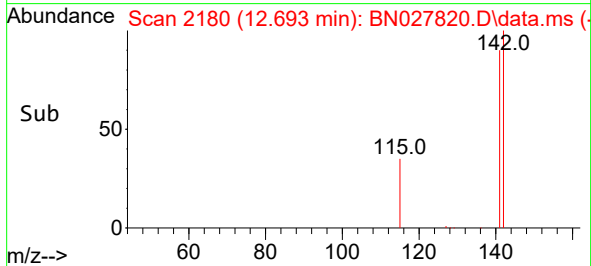
Instrument :
BNA_N
ClientSampleId :
C0AE6



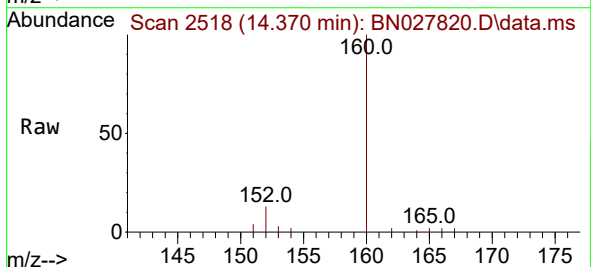
Tgt Ion:142 Resp: 1488
Ion Ratio Lower Upper
142 100
141 93.0 72.8 109.2

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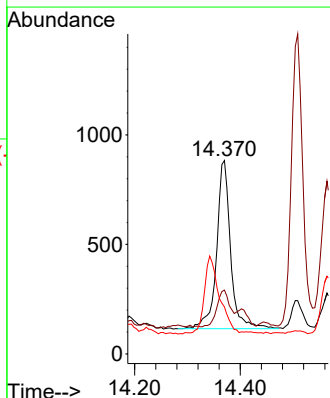
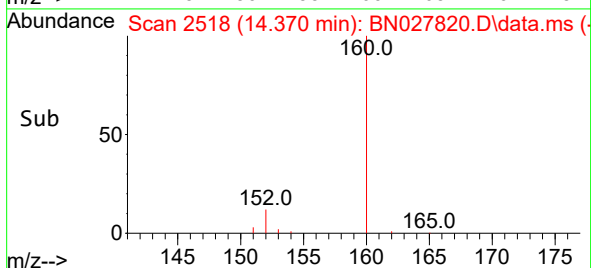
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

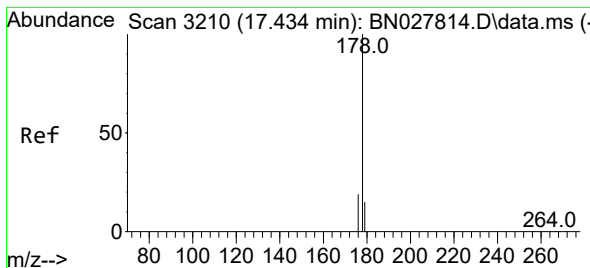


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46



Tgt Ion:152 Resp: 1414
Ion Ratio Lower Upper
152 100
151 33.0 16.6 25.0#
153 24.3 11.0 16.6#





#15

Phenanthrene

Concen: 0.153 ng/ul

RT: 17.434 min Scan# 3210

Delta R.T. -0.000 min

Lab File: BN027820.D

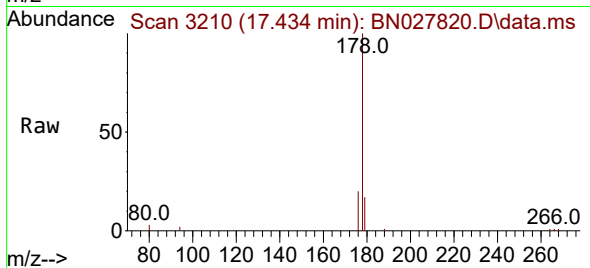
Acq: 22 Sep 2023 11:46

Instrument :

BNA_N

ClientSampleId :

C0AE6



Tgt Ion:178 Resp: 1260

Ion Ratio Lower Upper

178 100

179 17.2 12.4 18.6

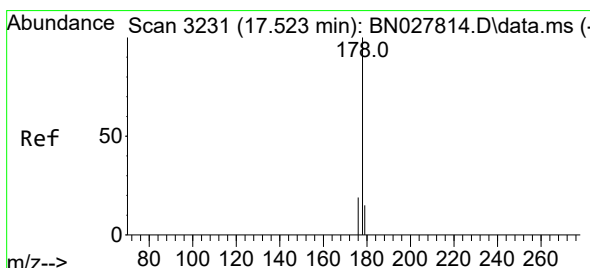
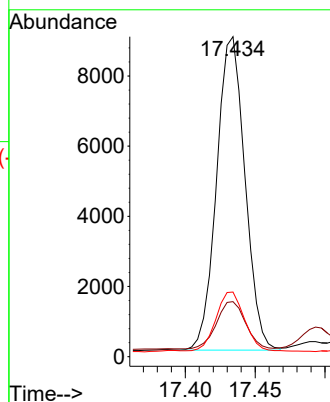
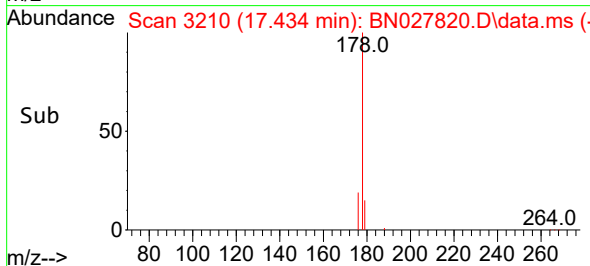
176 20.2 16.0 24.0

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#16

Anthracene

Concen: 0.024 ng/ul

RT: 17.527 min Scan# 3232

Delta R.T. -0.000 min

Lab File: BN027820.D

Acq: 22 Sep 2023 11:46

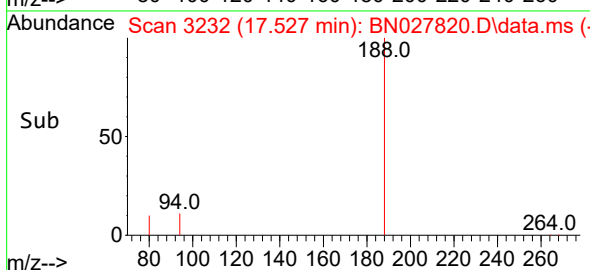
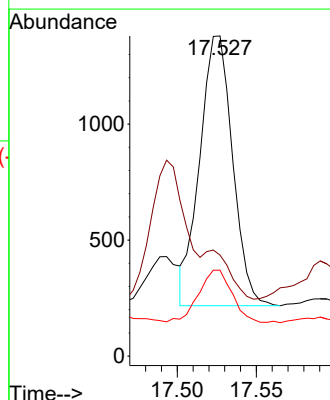
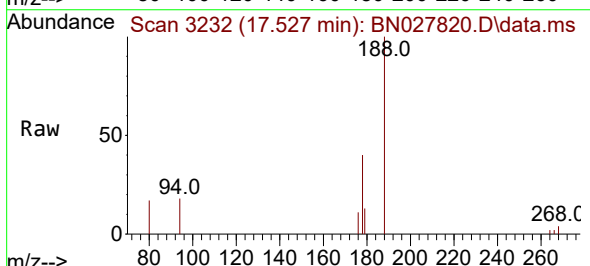
Tgt Ion:178 Resp: 1679

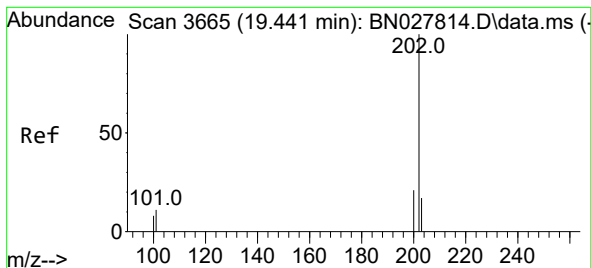
Ion Ratio Lower Upper

178 100

179 31.5 12.6 19.0#

176 26.8 15.5 23.3#





#19

Fluoranthene

Concen: 0.366 ng/ul

RT: 19.445 min Scan# 3666

Delta R.T. -0.000 min

Lab File: BN027820.D

Acq: 22 Sep 2023 11:46

Instrument :

BNA_N

ClientSampleId :

C0AE6

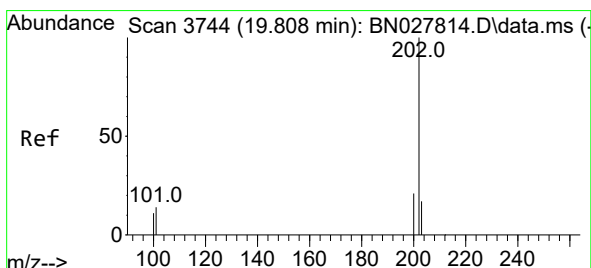
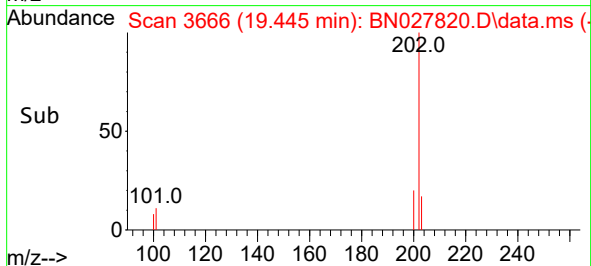
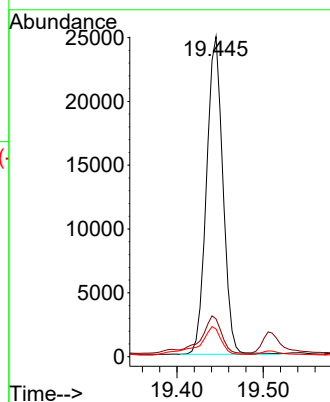
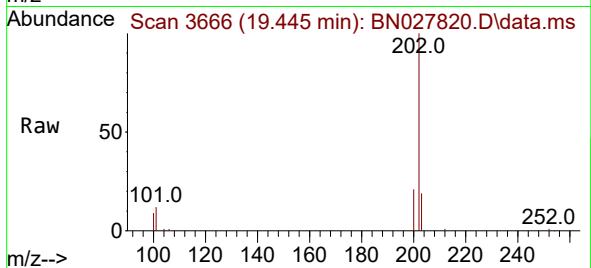
Tgt Ion:202	Resp:	3285
Ion Ratio	Lower	Upper
202	100	
101	11.8	9.3 13.9
100	8.6	7.0 10.4

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#20

Pyrene

Concen: 0.306 ng/ul m

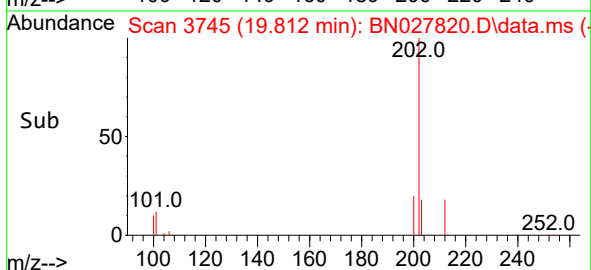
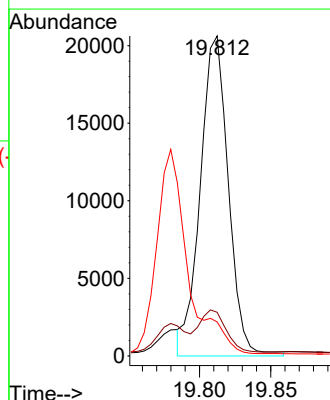
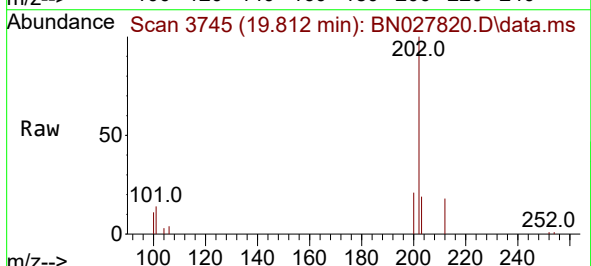
RT: 19.812 min Scan# 3745

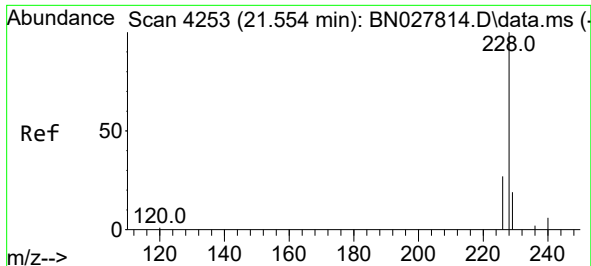
Delta R.T. -0.000 min

Lab File: BN027820.D

Acq: 22 Sep 2023 11:46

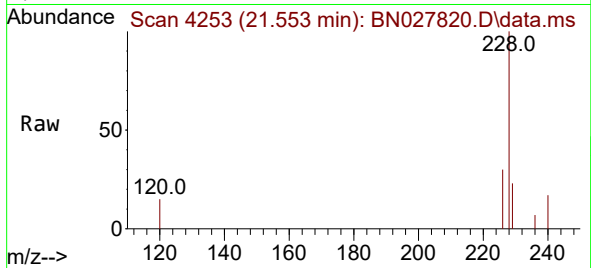
Tgt Ion:202	Resp:	28277
Ion Ratio	Lower	Upper
202	100	
101	13.7	11.4 17.0
100	10.7	9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.147 ng/ul
RT: 21.553 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

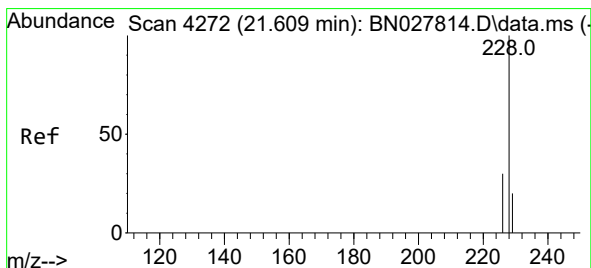
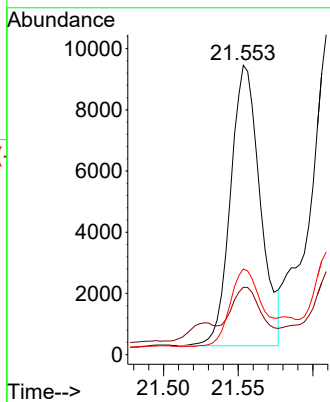
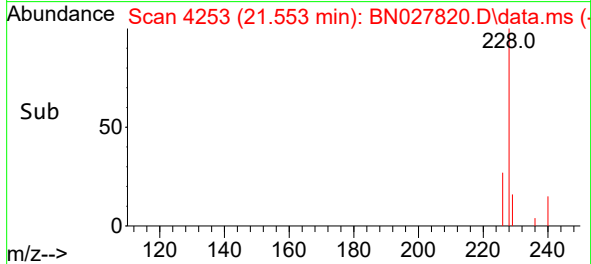
Instrument :
BNA_N
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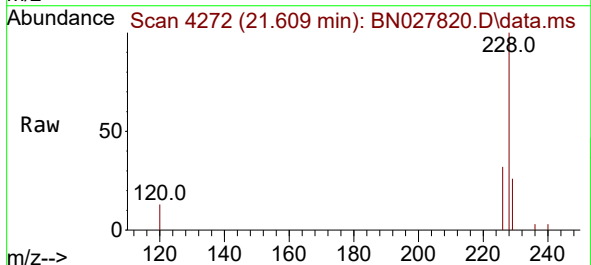
Tgt Ion:228 Resp: 1265
Ion Ratio Lower Upper
228 100
229 23.3 15.8 23.8
226 29.6 22.0 33.0

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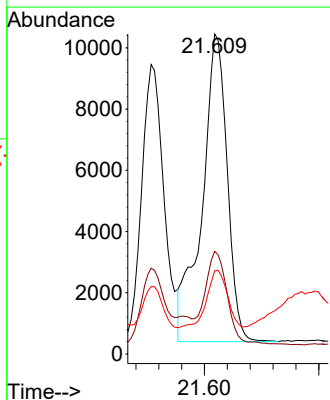
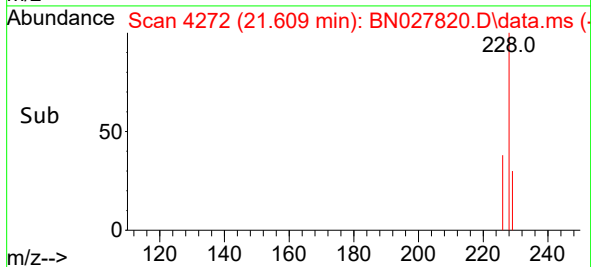
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

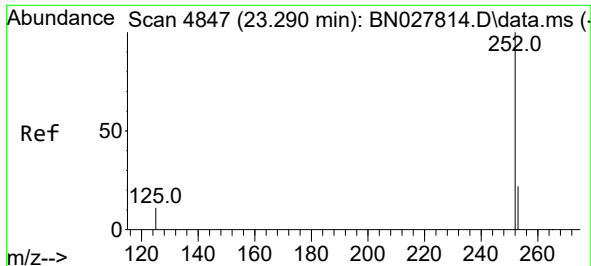


#22
Chrysene
Concen: 0.173 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46



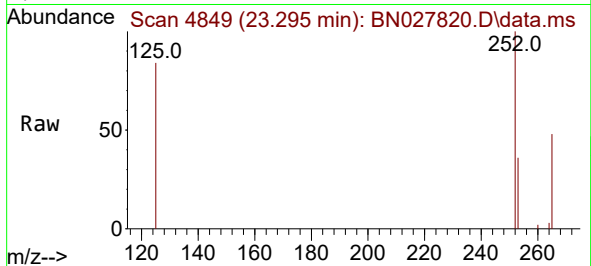
Tgt Ion:228 Resp: 15341
Ion Ratio Lower Upper
228 100
226 32.0 24.5 36.7
229 26.0 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.251 ng/ul m
RT: 23.295 min Scan# 4847
Delta R.T. 0.006 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

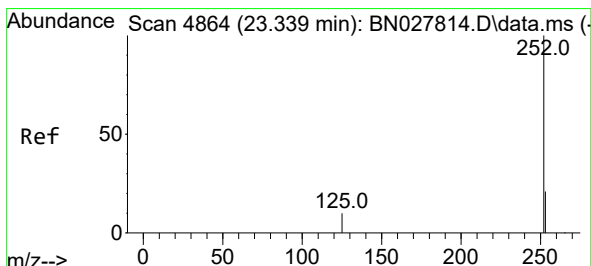
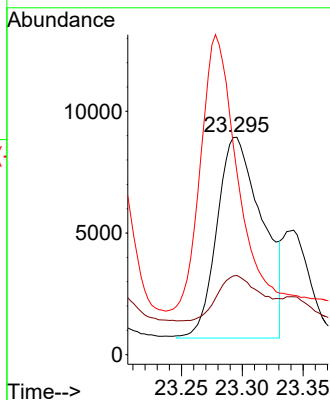
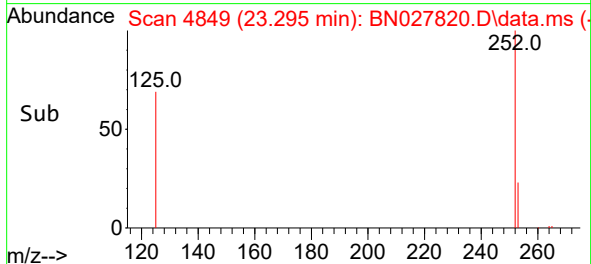
Instrument :
BNA_N
ClientSampleId :
C0AE6



Tgt Ion:252 Resp: 21429
Ion Ratio Lower Upper
252 100
253 36.4 0.0 50.2
125 83.9 0.0 31.4

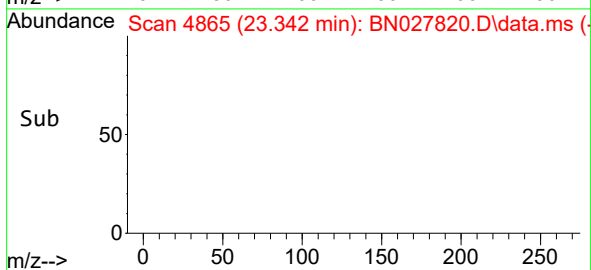
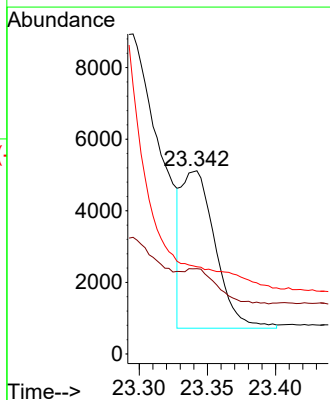
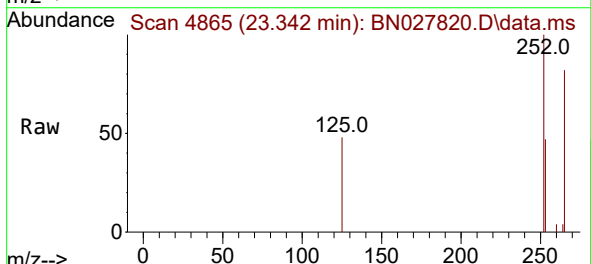
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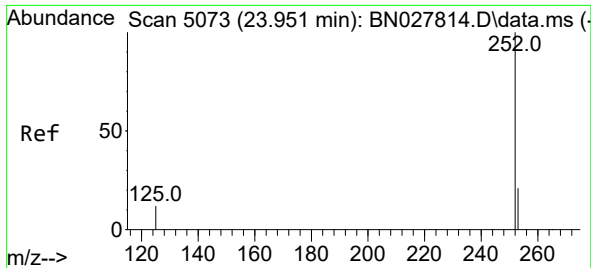
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

Tgt Ion:252 Resp: 7583
Ion Ratio Lower Upper
252 100
253 46.5 19.9 29.9#
125 47.6 12.6 19.0#





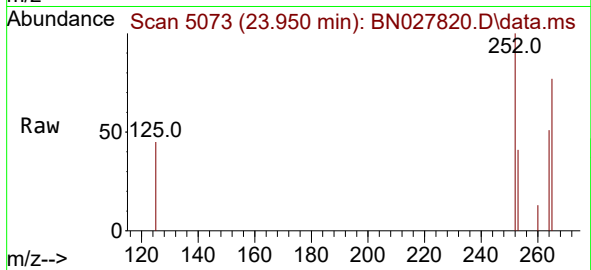
#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.950 min Scan# 5073
Delta R.T. -0.000 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

Instrument :

BNA_N

ClientSampleId :

C0AE6



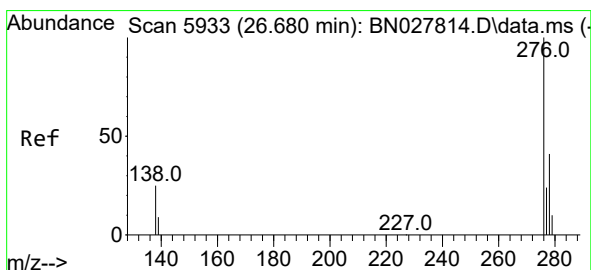
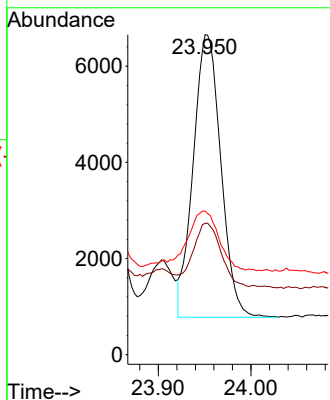
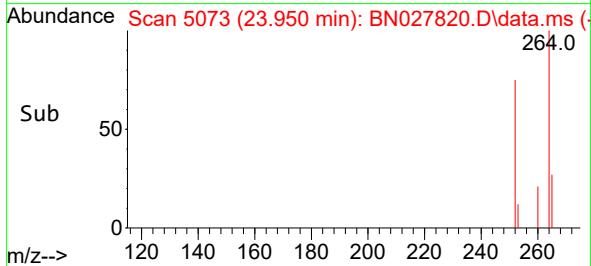
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Ion Ratio Lower Upper
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253 41.1 21.9 32.9#
125 44.8 15.5 23.3#

Manual Integrations

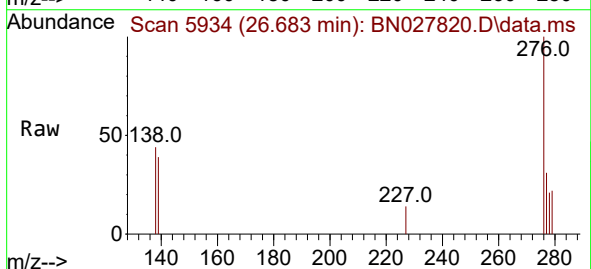
APPROVED

Reviewed By :Yogesh Patel 09/25/2023

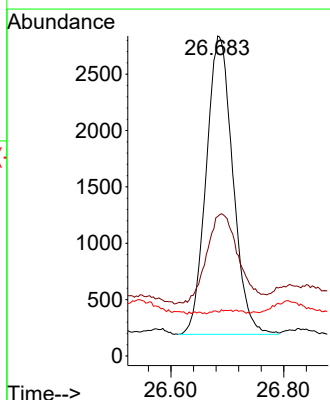
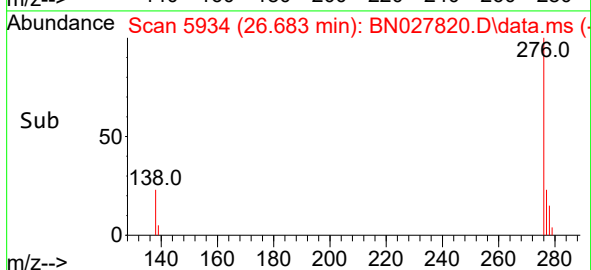
Supervised By :mohammad ahmed 09/25/2023

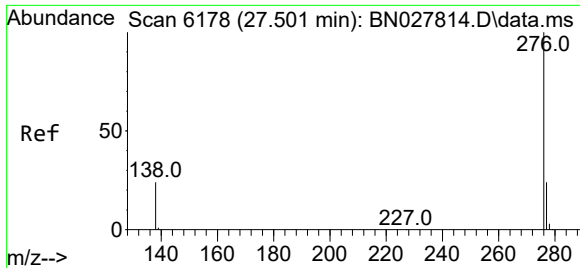


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. -0.000 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46



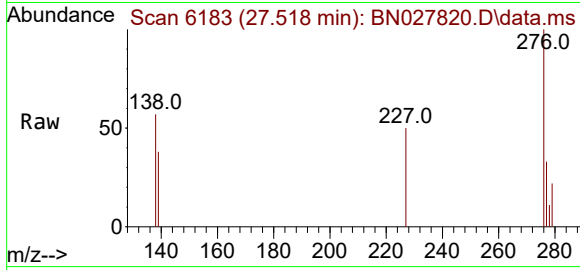
Tgt Ion:276 Resp: 8660
Ion Ratio Lower Upper
276 100
138 36.9 24.3 36.5#
227 0.8 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 27.518 min Scan# 61
Delta R.T. 0.013 min
Lab File: BN027820.D
Acq: 22 Sep 2023 11:46

Instrument :
BNA_N
ClientSampleId :
C0AE6



Tgt Ion:276 Resp: 815
Ion Ratio Lower Upper
276 100
138 57.3 21.7 32.5
277 33.3 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

