

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032746.D
 Acq On : 16 Jul 2024 18:17
 Operator : MA/JU
 Sample : P3035-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 23:54:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	5252	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	12513	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.198	164	7732	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	14599	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	13803	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	15890m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3602	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	788	0.042	ng/ul	-0.03
18) Fluoranthene-d10	18.994	212	1840	0.041	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.915	152	6339	0.203	ng/ul	97
11) Acenaphthene	14.258	153	1014	0.039	ng/ul	97
12) Fluorene	15.257	166	2069	0.070	ng/ul#	97
15) Phenanthrene	16.995	178	42479	1.068	ng/ul	99
16) Anthracene	17.092	178	8241	0.254	ng/ul#	95
19) Fluoranthene	19.027	202	89278	1.591	ng/ul	98
20) Pyrene	19.394	202	71956	1.239	ng/ul	97
21) Benzo(a)anthracene	21.156	228	44856	1.021	ng/ul	96
22) Chrysene	21.209	228	43556	0.685	ng/ul	96
24) Benzo(b)fluoranthene	22.711	252	65871m	1.175	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	23310m	0.341	ng/ul	
26) Benzo(a)pyrene	23.272	252	25574	0.527	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.576	276	26664	0.406	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.572	278	8329	0.164	ng/ul#	65
29) Benzo(g,h,i)perylene	26.260	276	3786	0.069	ng/ul#	55

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

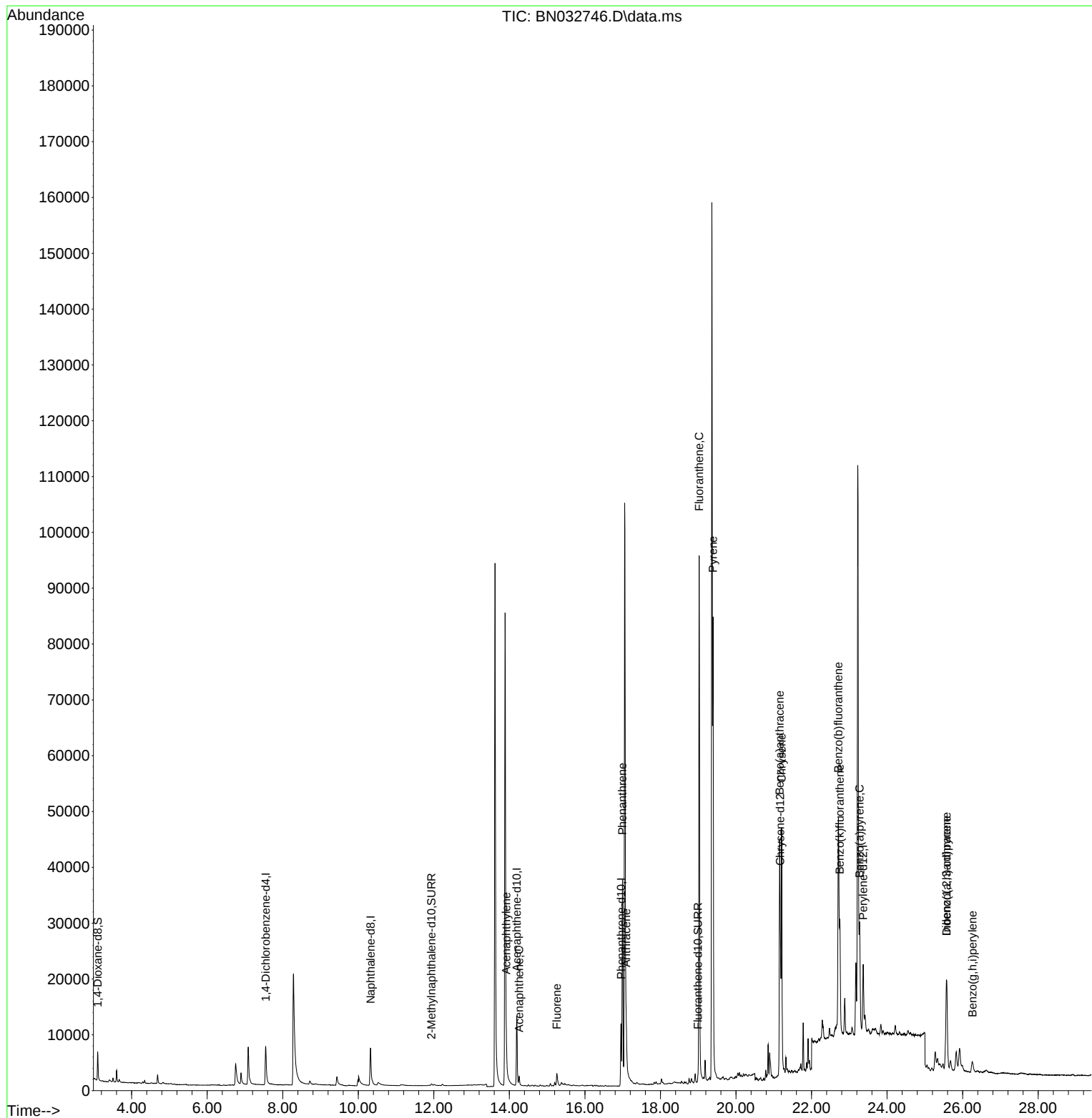
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032746.D
Acq On : 16 Jul 2024 18:17
Operator : MA/JU
Sample : P3035-07DL 5X
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ALS Vial : 16 Sample Multiplier: 1

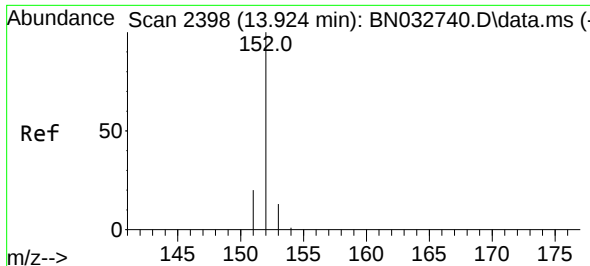
Instrument :
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ClientSampleId :
A4CX3DL

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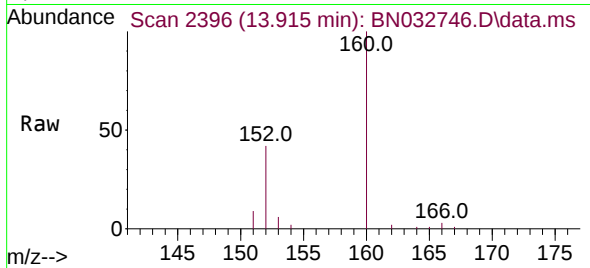
Quant Time: Jul 16 23:54:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.203 ng/u1
RT: 13.915 min Scan# 21
Delta R.T. -0.028 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

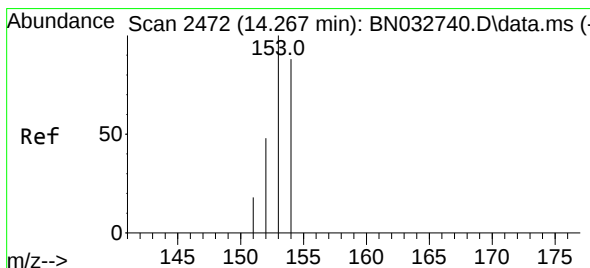
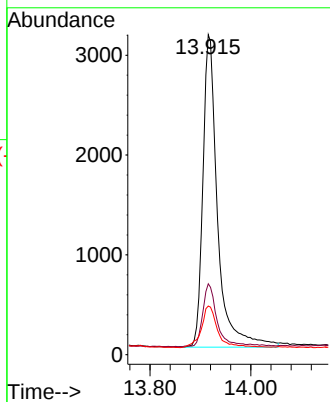
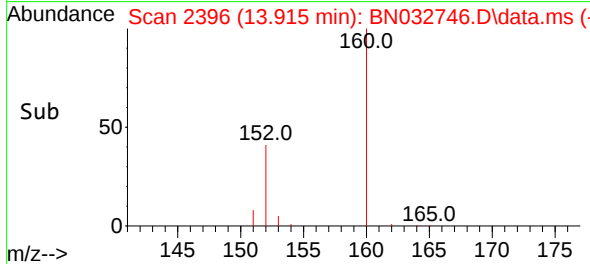
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:152 Resp: 6339
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 15.2 11.3 16.9

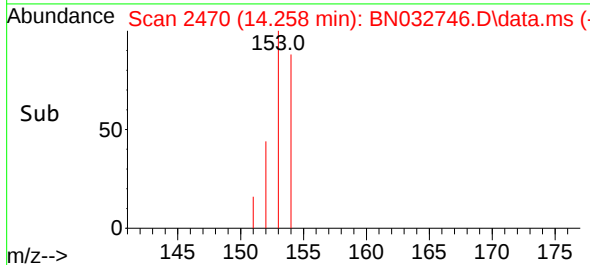
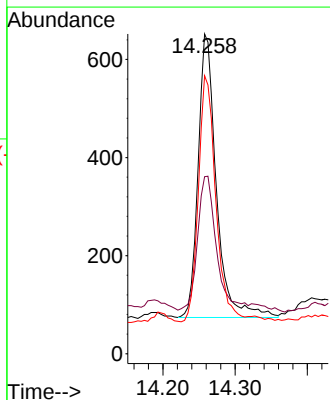
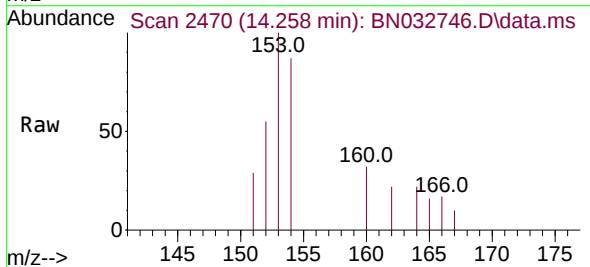
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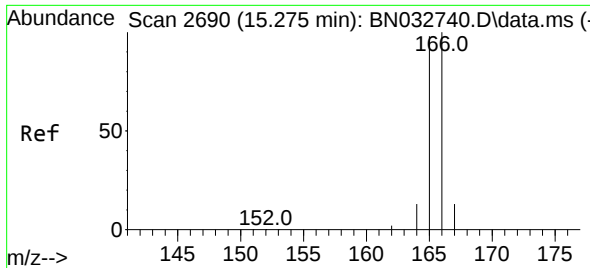
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

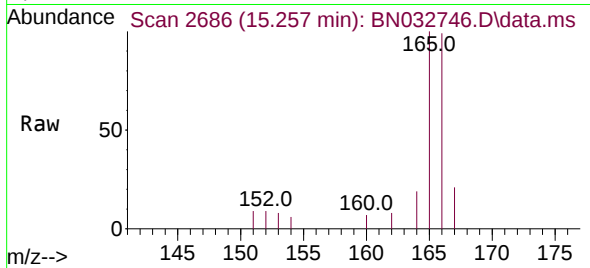
Tgt Ion:153 Resp: 1014
Ion Ratio Lower Upper
153 100
152 55.4 40.0 60.0
154 87.0 70.2 105.4





#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. -0.032 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

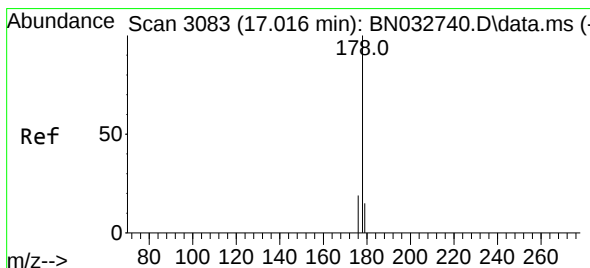
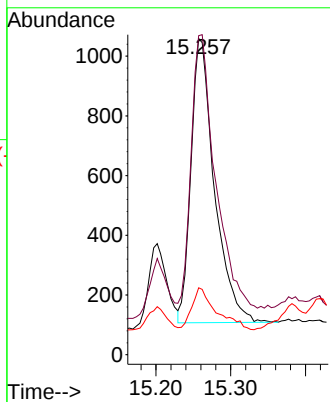
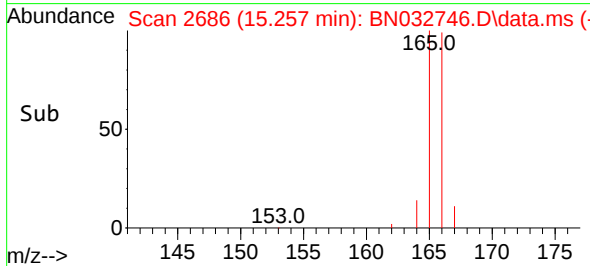
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:166 Resp: 2069
Ion Ratio Lower Upper
166 100
165 100.9 79.7 119.5
167 21.2 11.4 17.2

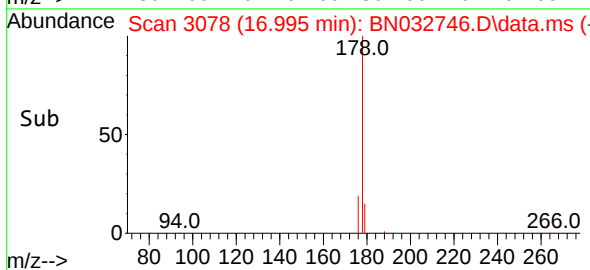
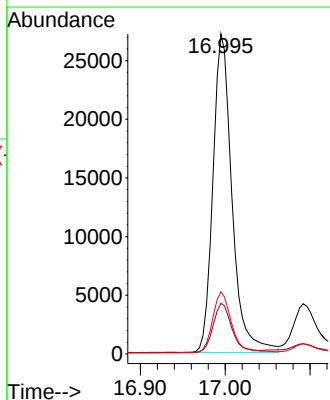
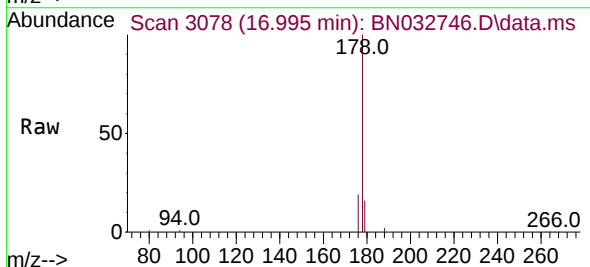
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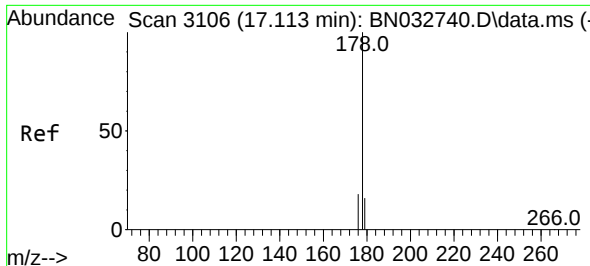
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 1.068 ng/ul
RT: 16.995 min Scan# 3078
Delta R.T. -0.034 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

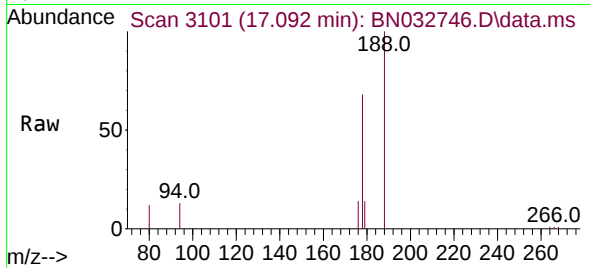
Tgt Ion:178 Resp: 42479
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 0.254 ng/ul
 RT: 17.092 min Scan# 3106
 Delta R.T. -0.046 min
 Lab File: BN032746.D
 Acq: 16 Jul 2024 18:17

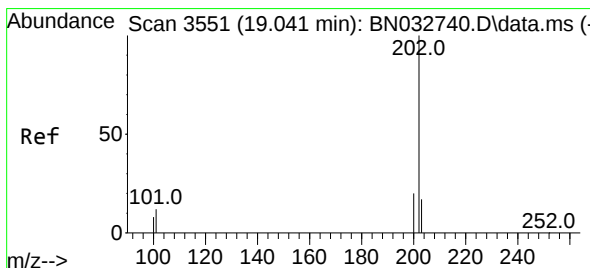
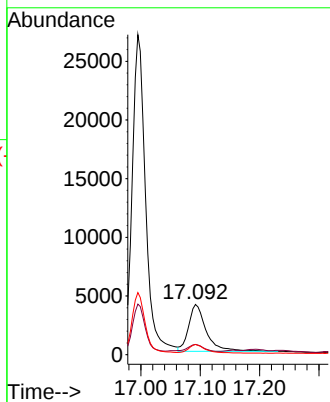
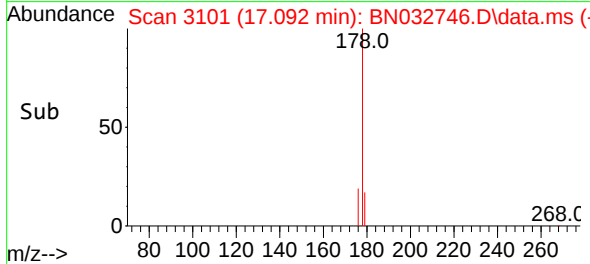
Instrument :
 BNA_N
 ClientSampleId :
 A4CX3DL



Tgt Ion:178 Resp: 824
 Ion Ratio Lower Upper
 178 100
 179 20.3 13.4 20.2
 176 20.5 15.4 23.0

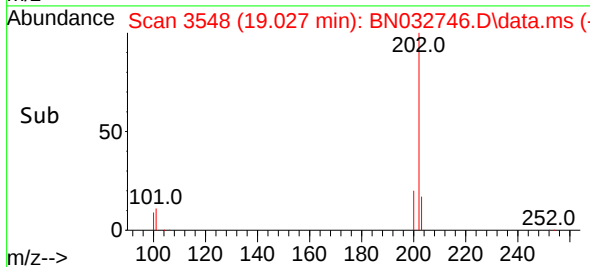
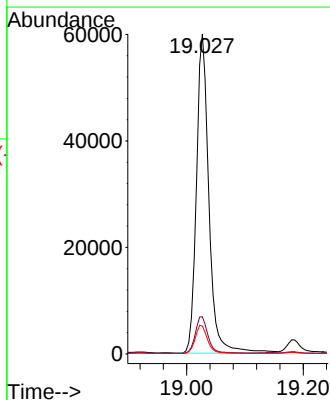
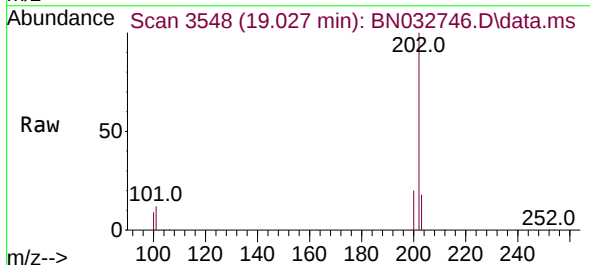
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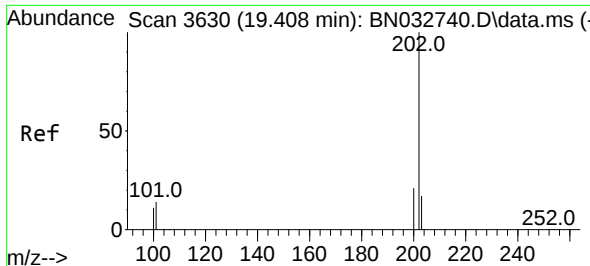
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 1.591 ng/ul
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.028 min
 Lab File: BN032746.D
 Acq: 16 Jul 2024 18:17

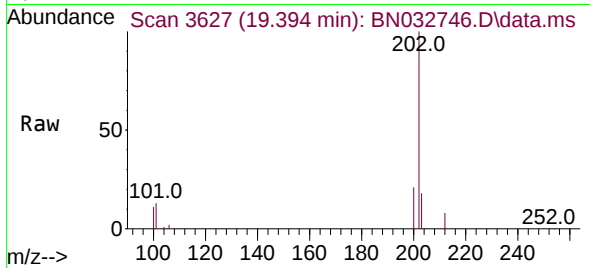
Tgt Ion:202 Resp: 89278
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.8 14.8
 100 8.7 7.9 11.9





#20
Pyrene
Concen: 1.239 ng/u1
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

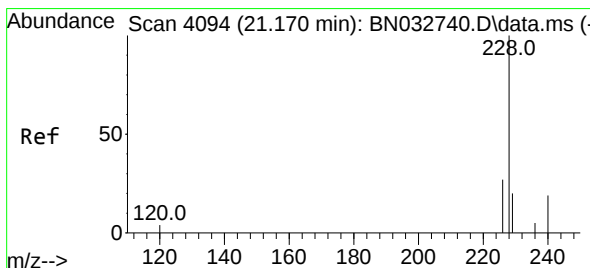
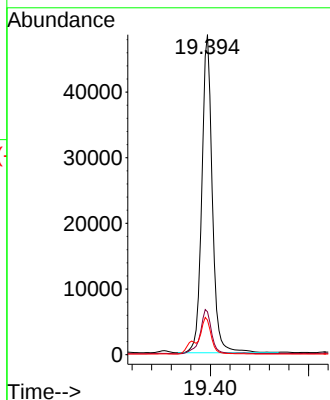
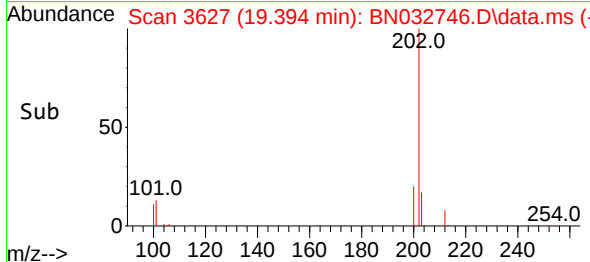
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:202 Resp: 71956
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.8 9.6 14.4

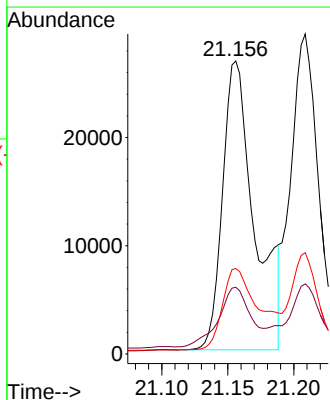
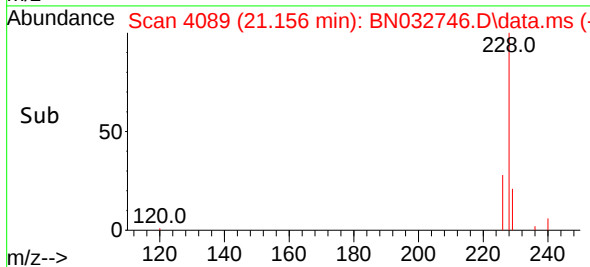
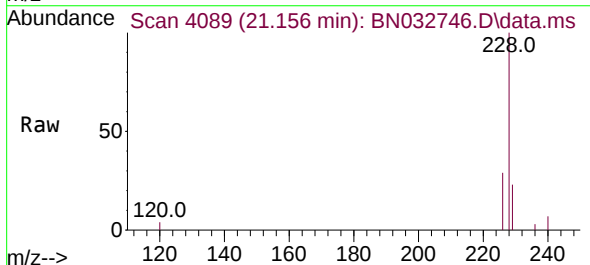
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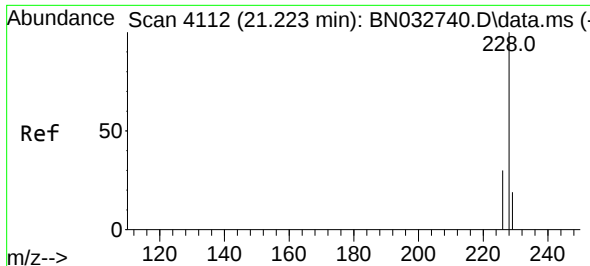
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 1.021 ng/u1
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

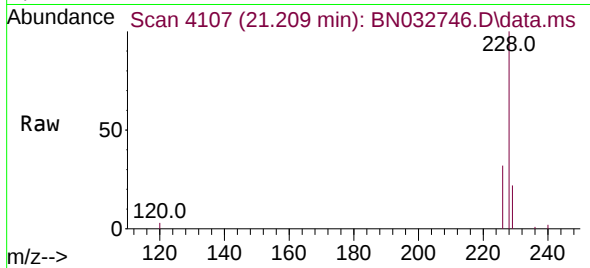
Tgt Ion:228 Resp: 44856
Ion Ratio Lower Upper
228 100
229 22.8 16.1 24.1
226 29.2 21.9 32.9





#22
Chrysene
Concen: 0.685 ng/ul
RT: 21.209 min Scan# 4112
Delta R.T. -0.023 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

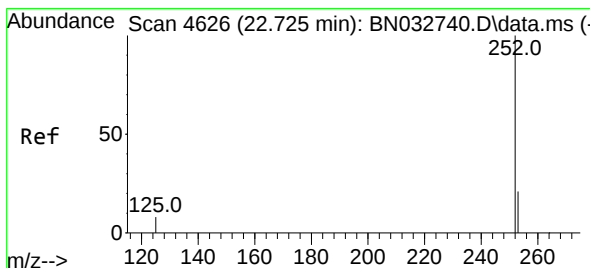
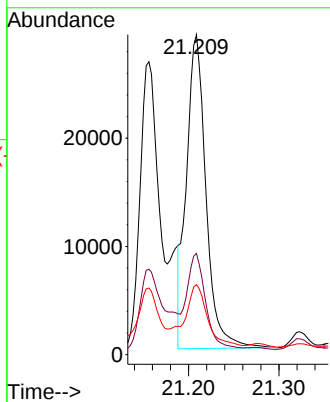
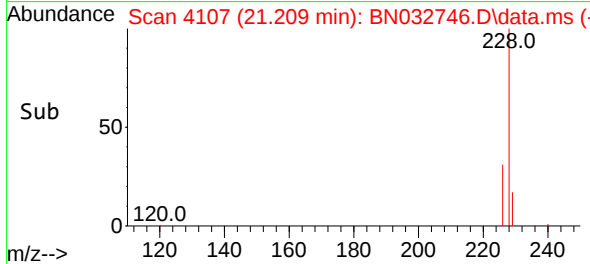
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:228 Resp: 43550
Ion Ratio Lower Upper
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226 31.6 24.0 36.0
229 21.9 15.8 23.6

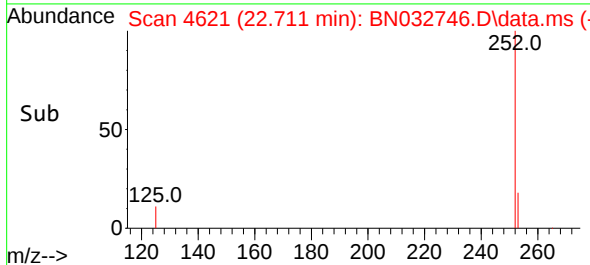
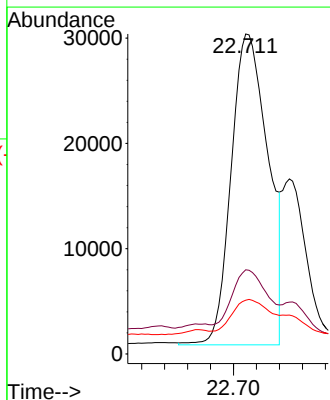
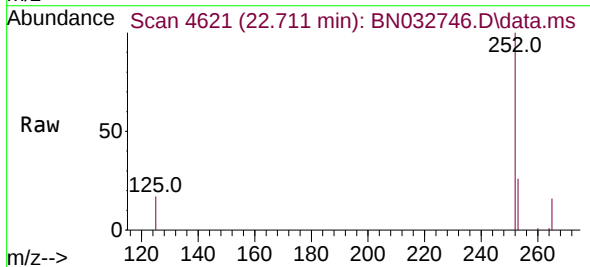
Manual Integrations
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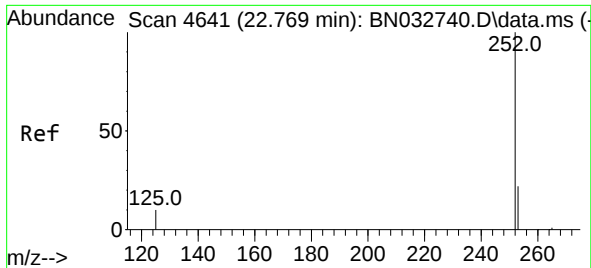
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#24
Benzo(b)fluoranthene
Concen: 1.175 ng/ul m
RT: 22.711 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

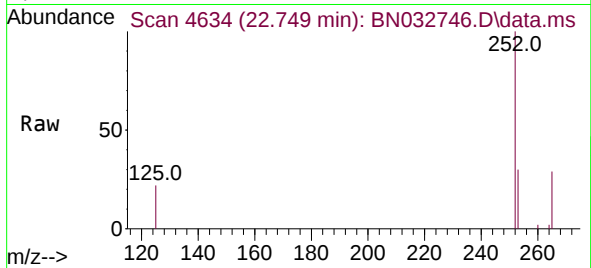
Tgt Ion:252 Resp: 65871
Ion Ratio Lower Upper
252 100
253 26.3 0.0 54.0
125 16.8 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul m
RT: 22.749 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

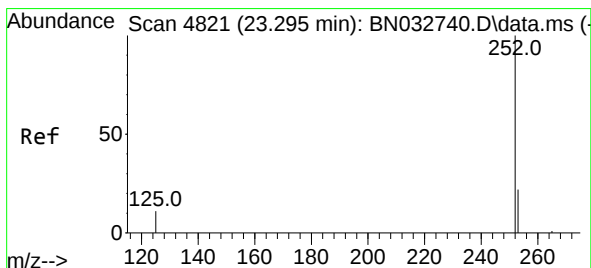
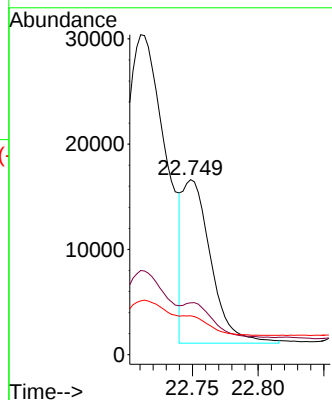
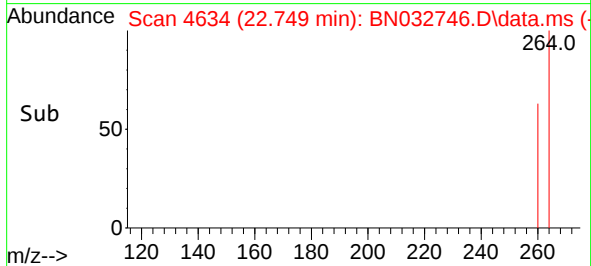
Instrument :
BNA_N
ClientSampleId :
A4CX3DL



Tgt Ion:252 Resp: 23310
Ion Ratio Lower Upper
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253 29.6 21.2 31.8
125 22.2 14.8 22.2

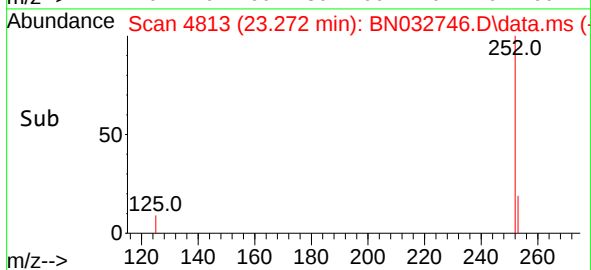
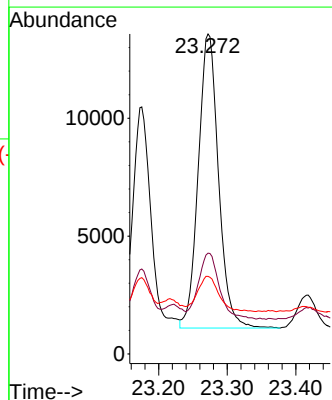
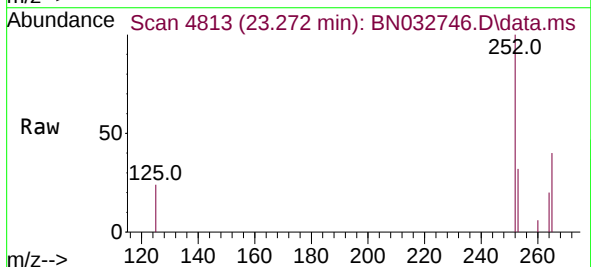
Manual Integrations
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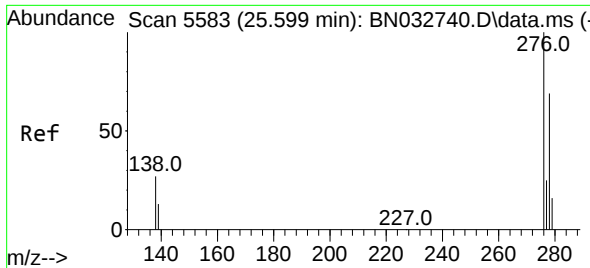
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 0.527 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032746.D
Acq: 16 Jul 2024 18:17

Tgt Ion:252 Resp: 25574
Ion Ratio Lower Upper
252 100
253 31.5 25.4 38.0
125 24.3 20.6 30.8





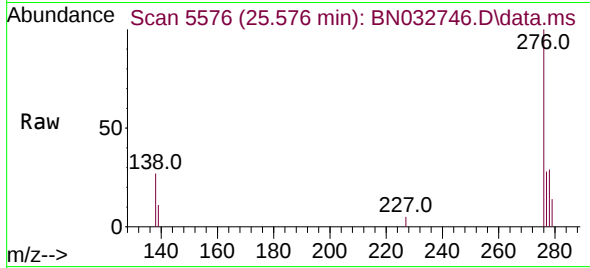
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.050 min
 Lab File: BN032746.D
 Acq: 16 Jul 2024 18:17

Instrument :

BNA_N

ClientSampleId :

A4CX3DL



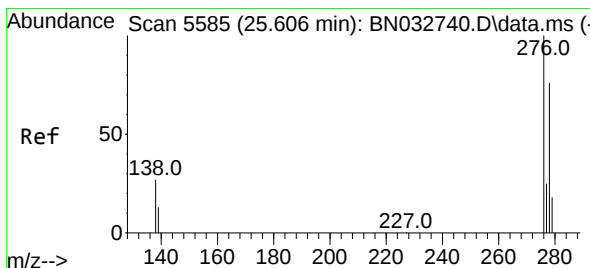
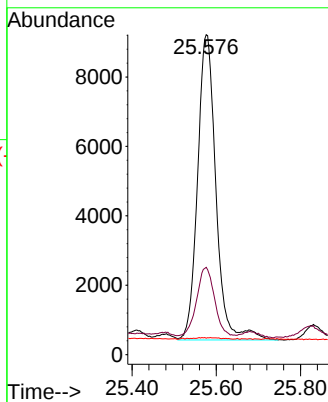
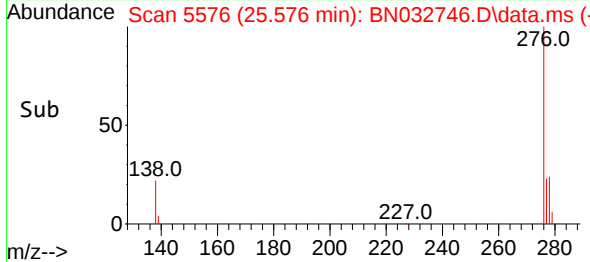
Tgt Ion:276 Resp: 26664
 Ion Ratio Lower Upper
 276 100
 138 22.2 21.6 32.4
 227 0.5 0.0 0.0

Manual Integrations

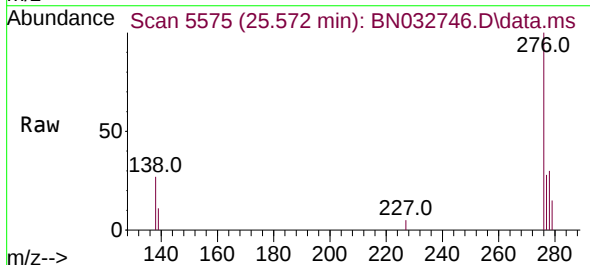
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Reviewed By :Yogesh Patel 07/18/2024

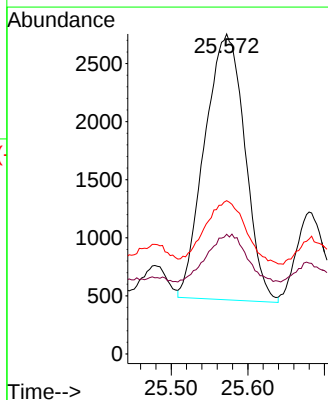
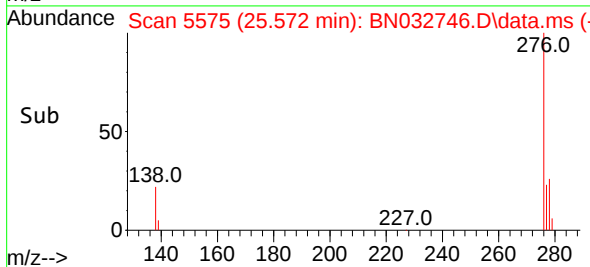
Supervised By :mohammad ahmed 07/19/2024

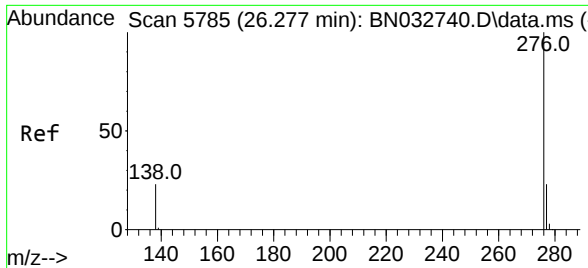


#28
 Dibenzo(a,h)anthracene
 Concen: 0.164 ng/ul
 RT: 25.572 min Scan# 5575
 Delta R.T. -0.067 min
 Lab File: BN032746.D
 Acq: 16 Jul 2024 18:17



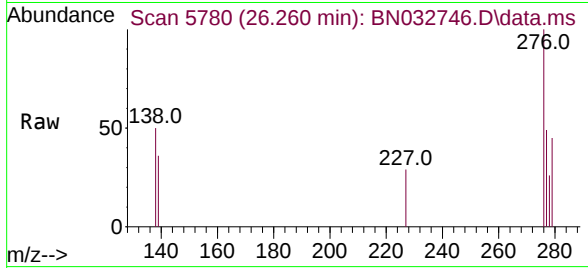
Tgt Ion:278 Resp: 8329
 Ion Ratio Lower Upper
 278 100
 139 37.4 16.6 24.8#
 279 47.9 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.069 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BN032746.D
 Acq: 16 Jul 2024 18:17

Instrument :
 BNA_N
 ClientSampleId :
 A4CX3DL



Tgt Ion:276 Resp: 3780
 Ion Ratio Lower Upper
 276 100
 138 49.5 21.0 31.4
 277 48.6 20.6 31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

