

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026607.D
 Acq On : 21 Jul 2023 01:05
 Operator : MA/JU
 Sample : 03501-09RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X4RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 03:38:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2048	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	7125	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.472	164	4431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	10536	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	10498	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	9506	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	5046	1.871	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	3144	0.325	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	9814	0.270	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.685	128	526	0.027	ng/ul#	56
10) Acenaphthylene	14.189	152	1064	0.049	ng/ul#	74
11) Acenaphthene	14.536	153	726	0.044	ng/ul	95
12) Fluorene	15.517	166	859	0.050	ng/ul#	95
15) Phenanthrene	17.257	178	16245	0.484	ng/ul	99
16) Anthracene	17.350	178	2422	0.083	ng/ul#	88
19) Fluoranthene	19.278	202	45994	0.935	ng/ul	98
20) Pyrene	19.641	202	17869	0.334	ng/ul#	95
21) Benzo(a)anthracene	21.396	228	19444	0.504	ng/ul	98
22) Chrysene	21.449	228	20937	0.477	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	26873m	0.726	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	12808m	0.330	ng/ul	
26) Benzo(a)pyrene	23.676	252	2715	0.082	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	26.237	276	4429	0.102	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.237	278	2799	0.084	ng/ul#	46

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

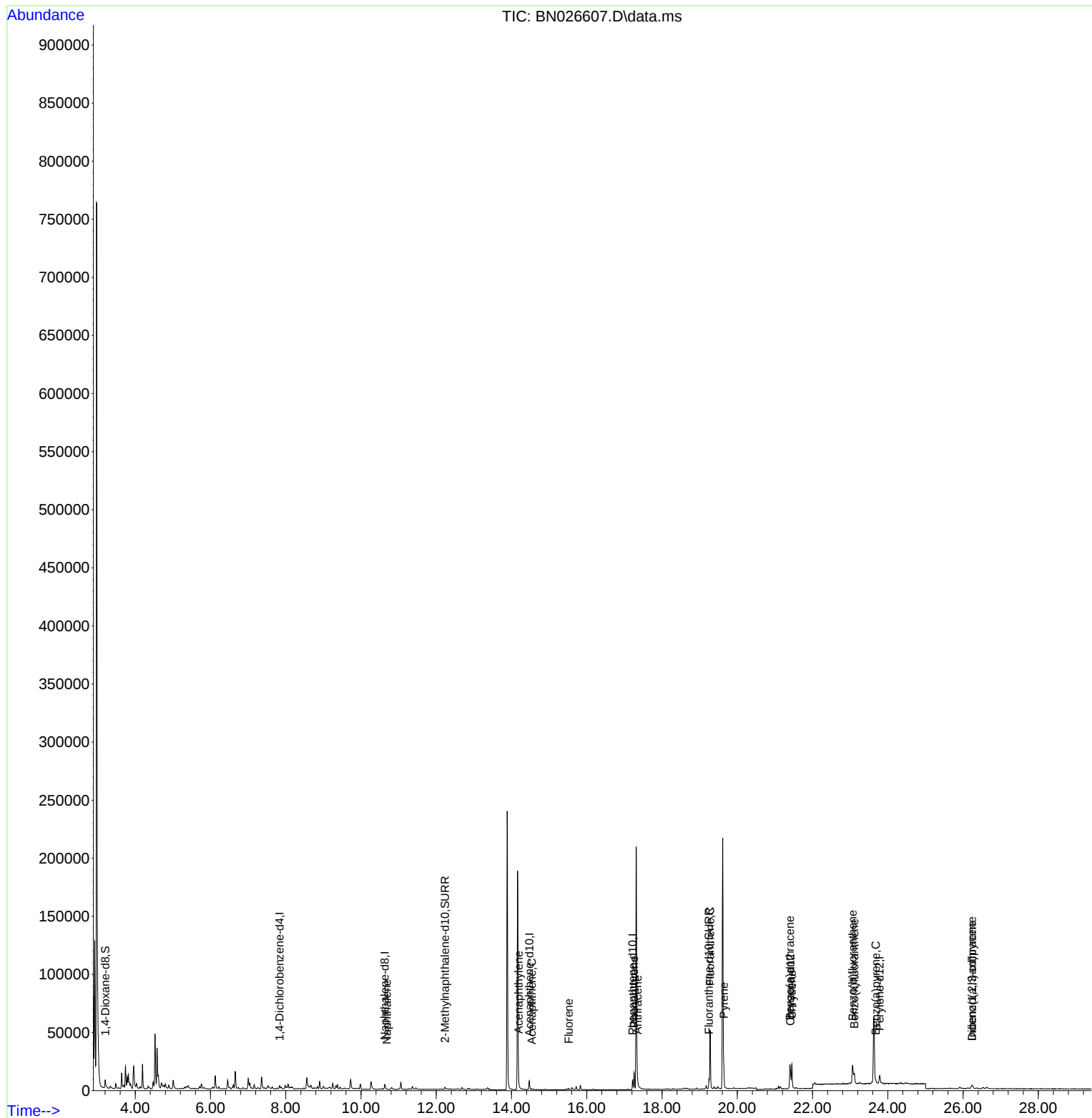
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026607.D
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Sample : 03501-09RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

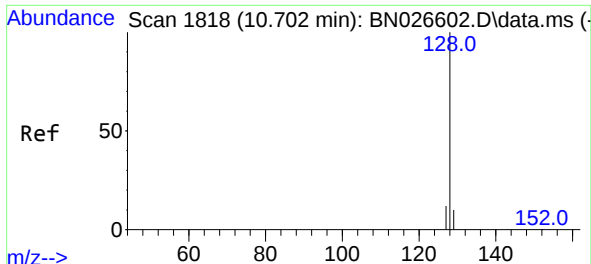
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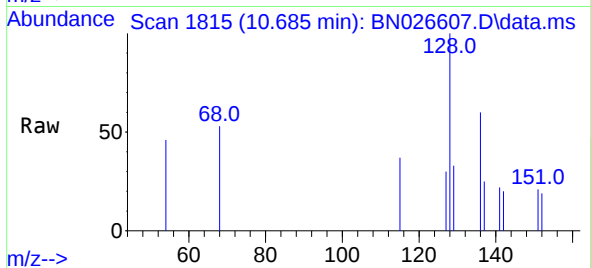
Quant Time: Jul 21 03:38:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

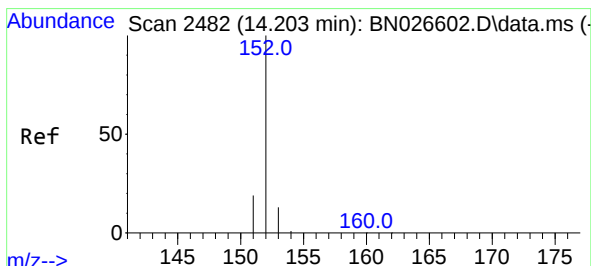
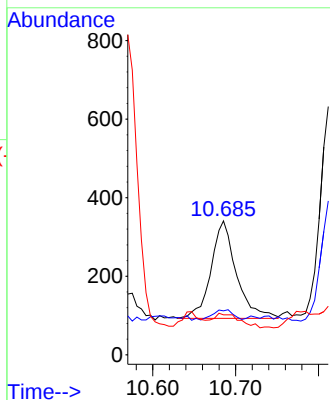
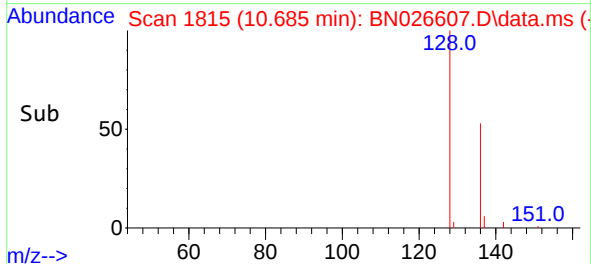
Instrument :
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ClientSampleId :
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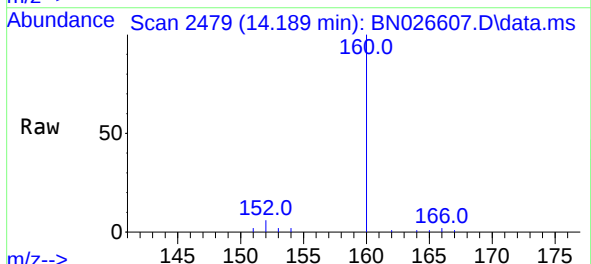
Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
129 32.8 10.2 15.2#
127 29.9 11.4 17.0#

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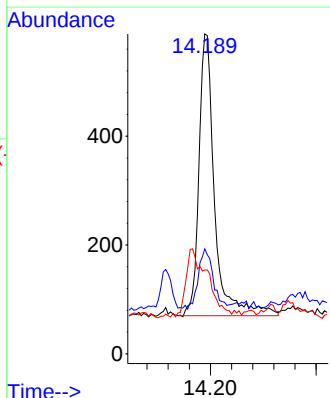
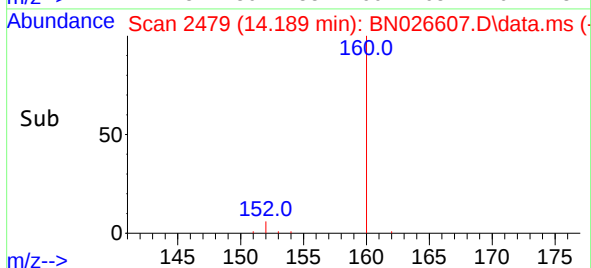
Reviewed By :Yogesh Patel 07/21/2023
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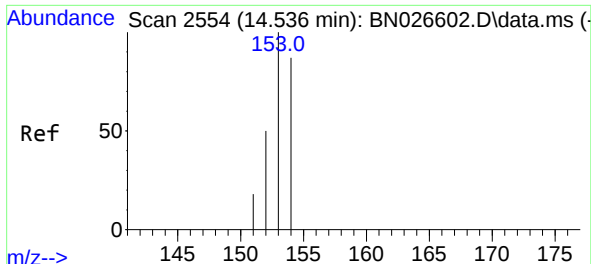


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05



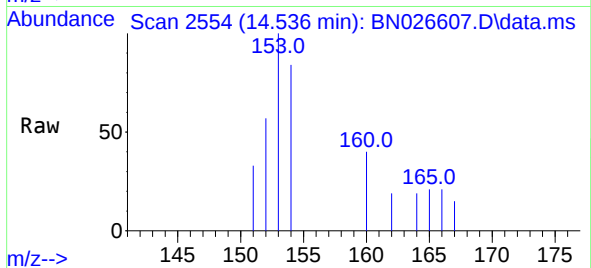
Tgt Ion:152 Resp: 1064
Ion Ratio Lower Upper
152 100
151 32.8 17.0 25.6#
153 26.2 11.4 17.2#





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

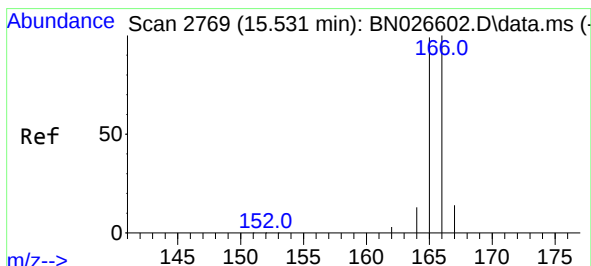
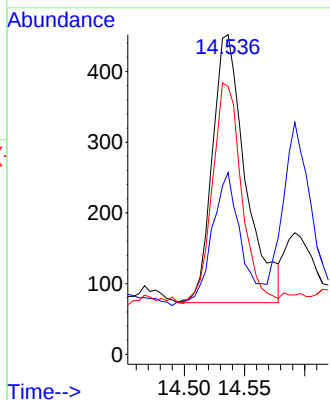
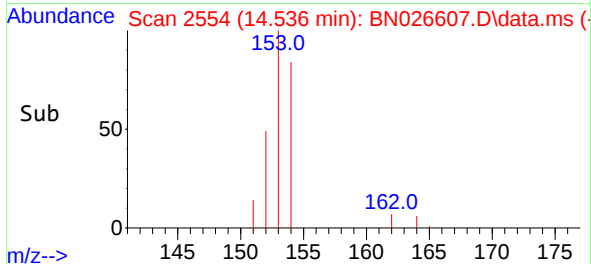
Instrument :
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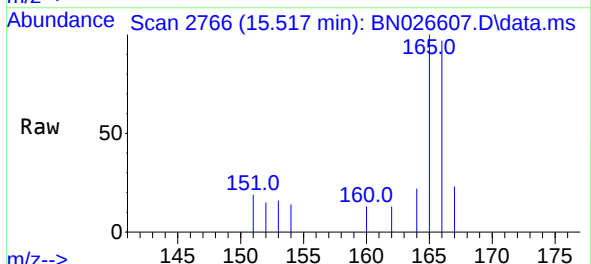
Tgt Ion:153 Resp: 720
Ion Ratio Lower Upper
153 100
152 56.9 40.2 60.4
154 83.8 69.3 103.9

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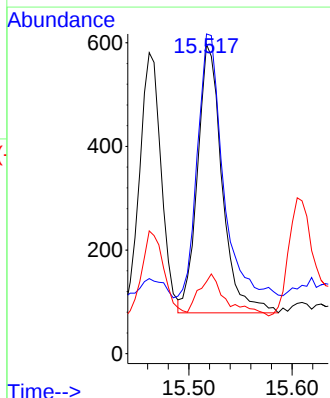
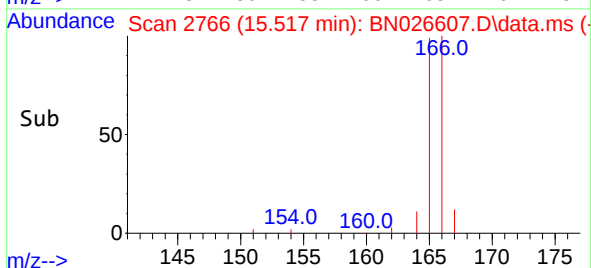
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

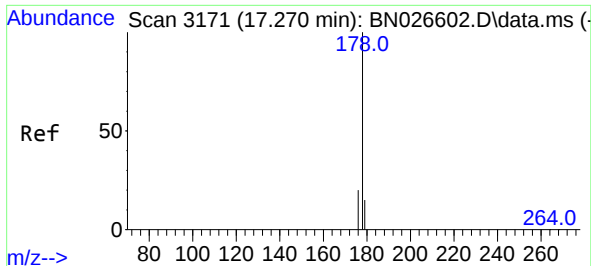


#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.014 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05



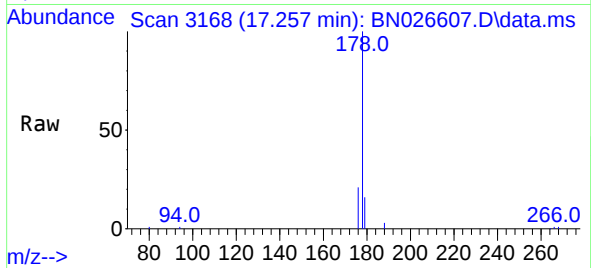
Tgt Ion:166 Resp: 859
Ion Ratio Lower Upper
166 100
165 103.4 80.6 120.8
167 23.3 12.0 18.0#





#15
Phenanthrene
Concen: 0.484 ng/u1
RT: 17.257 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

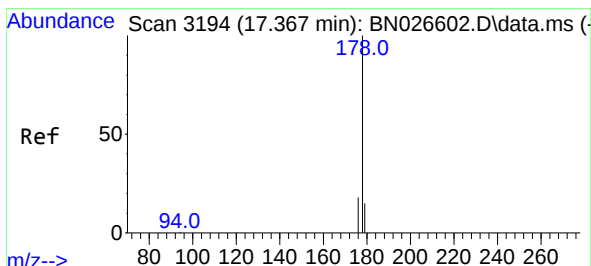
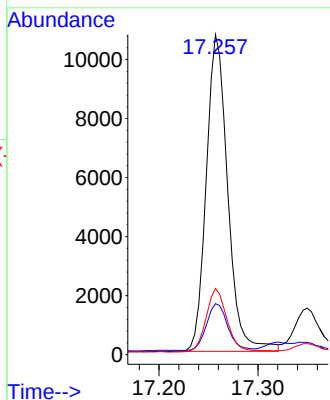
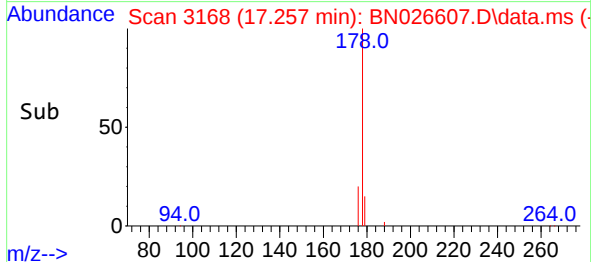
Instrument :
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ClientSampleId :
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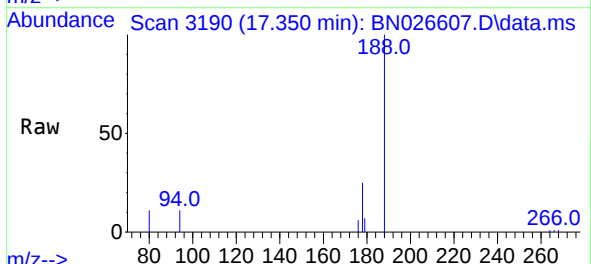
Tgt Ion:178 Resp: 16245
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 20.7 16.5 24.7

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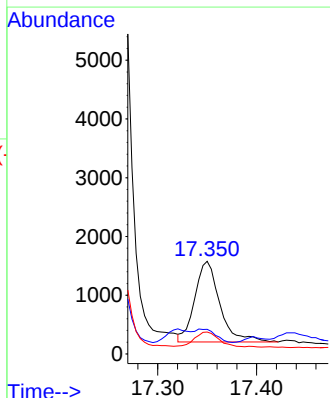
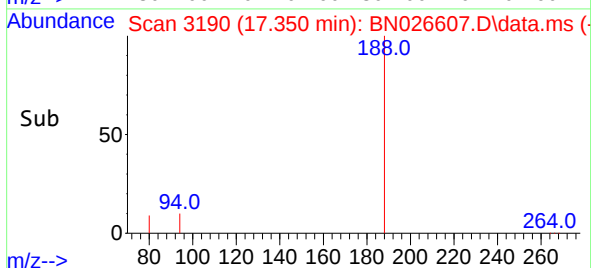
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

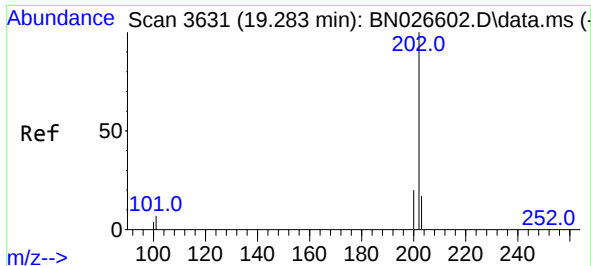


#16
Anthracene
Concen: 0.083 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05



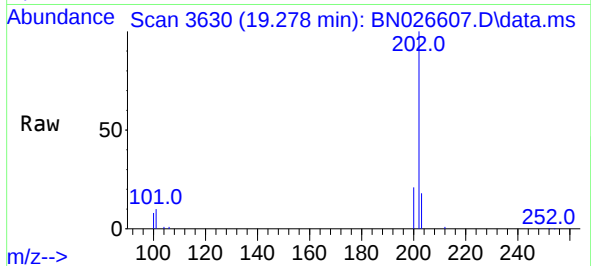
Tgt Ion:178 Resp: 2422
Ion Ratio Lower Upper
178 100
179 26.6 14.8 22.2#
176 23.7 16.6 25.0





#19
Fluoranthene
Concen: 0.935 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

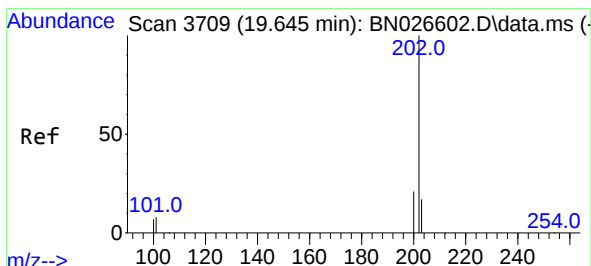
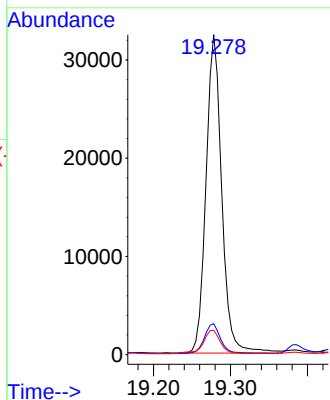
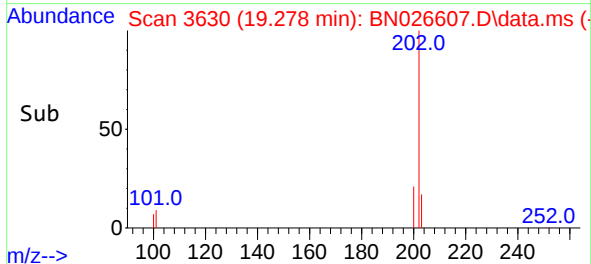
Instrument :
BNA_N
ClientSampleId :
A46X4RE



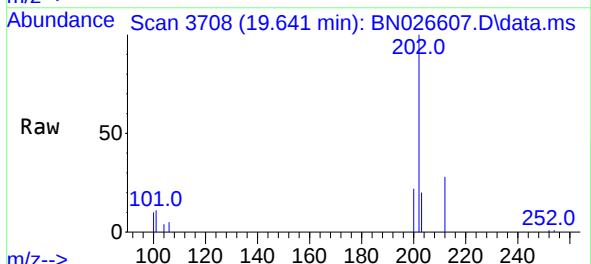
Tgt Ion:202 Resp: 45994
Ion Ratio Lower Upper
202 100
101 9.7 7.0 10.4
100 7.6 6.0 9.0

Manual Integrations
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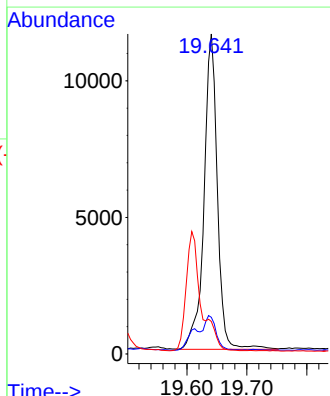
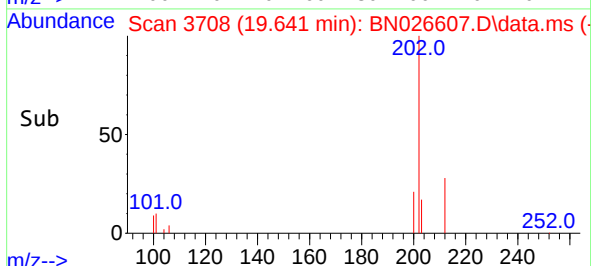
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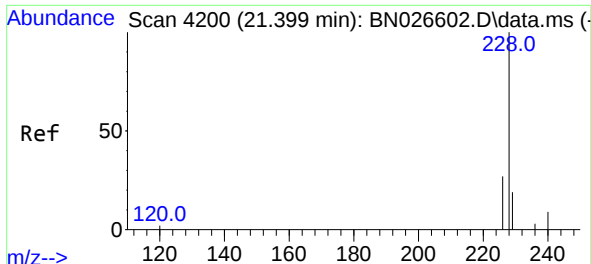


#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05



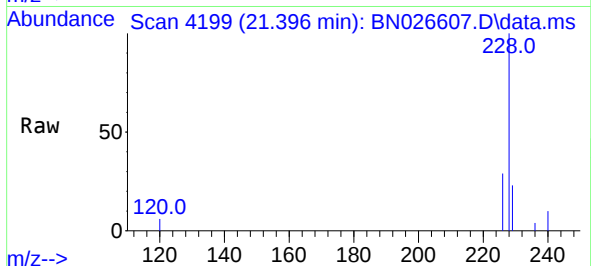
Tgt Ion:202 Resp: 17869
Ion Ratio Lower Upper
202 100
101 11.5 8.0 12.0
100 10.1 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

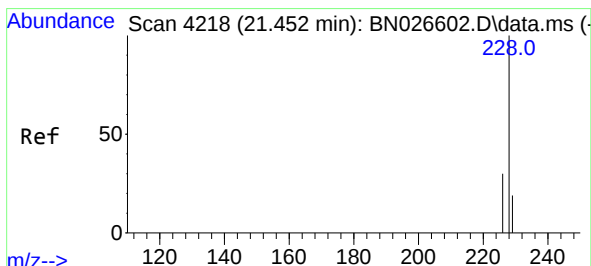
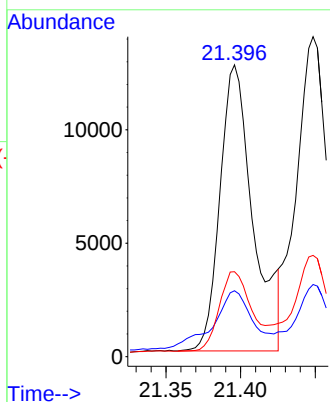
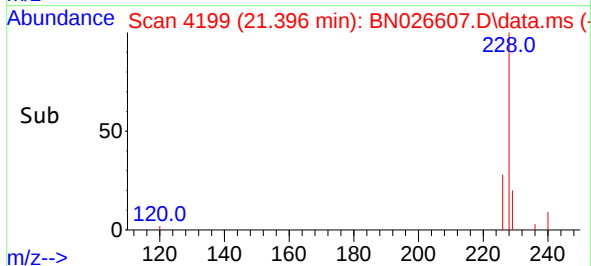
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 19444
Ion Ratio Lower Upper
228 100
229 22.6 16.7 25.1
226 29.1 23.5 35.3

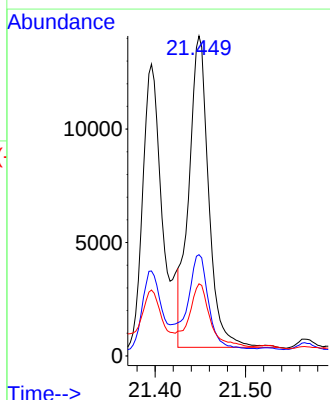
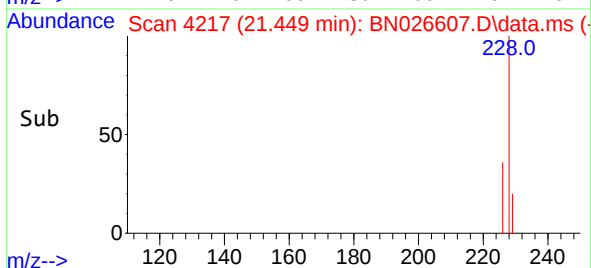
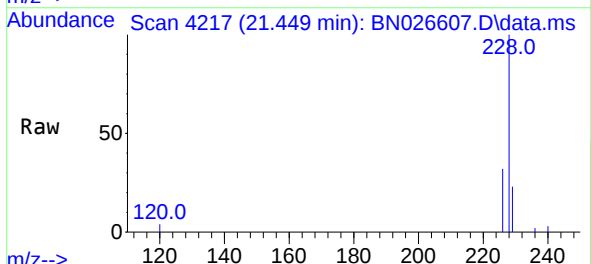
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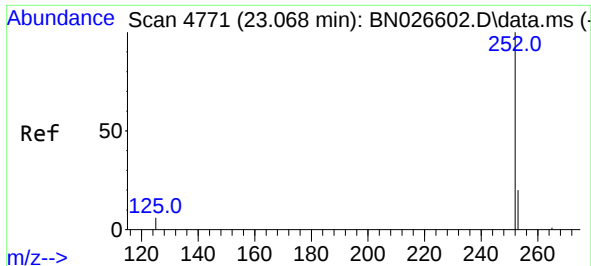
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 0.477 ng/ul
RT: 21.449 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

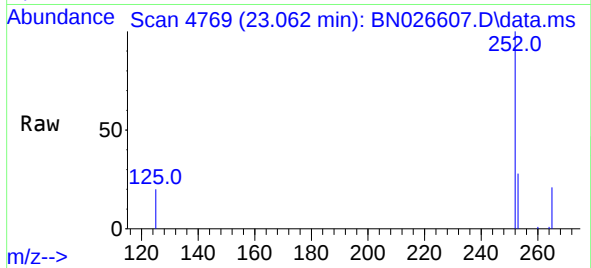
Tgt Ion:228 Resp: 20937
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 22.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.726 ng/ul m
RT: 23.062 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

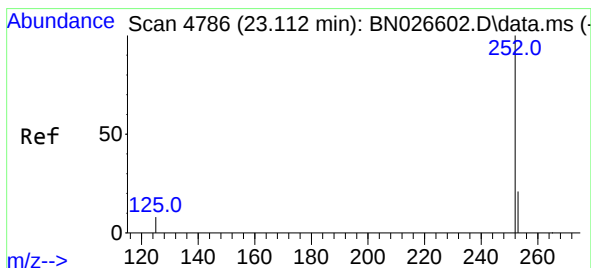
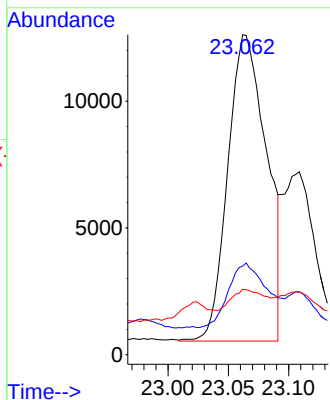
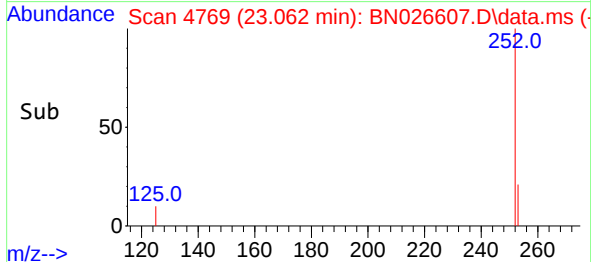
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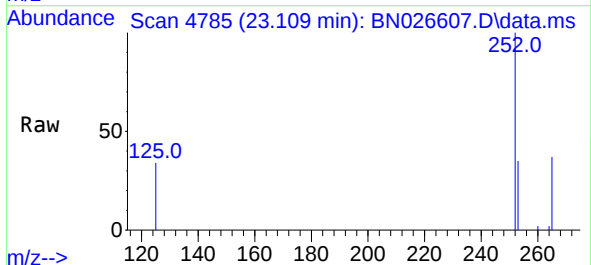
Tgt Ion:252 Resp: 2687
Ion Ratio Lower Upper
252 100
253 27.7 0.0 68.6
125 20.4 0.0 34.0

Manual Integrations
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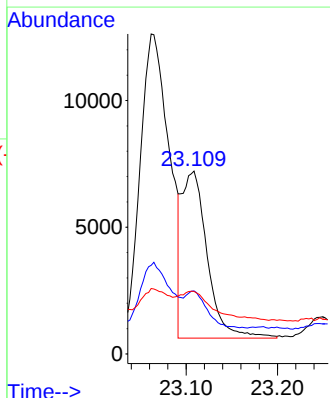
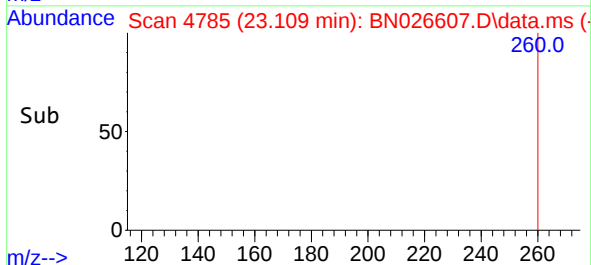
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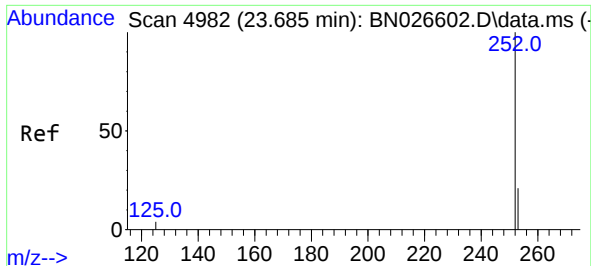


#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.003 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05



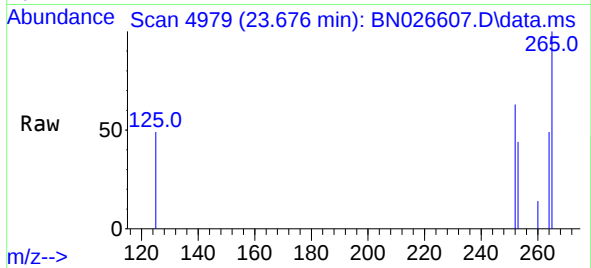
Tgt Ion:252 Resp: 12808
Ion Ratio Lower Upper
252 100
253 34.5 27.2 40.8
125 34.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.676 min Scan# 4982
Delta R.T. -0.009 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

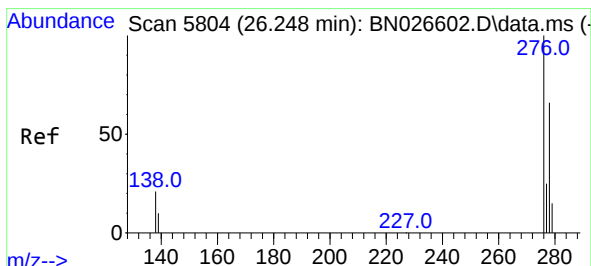
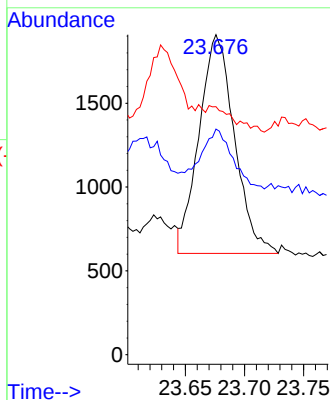
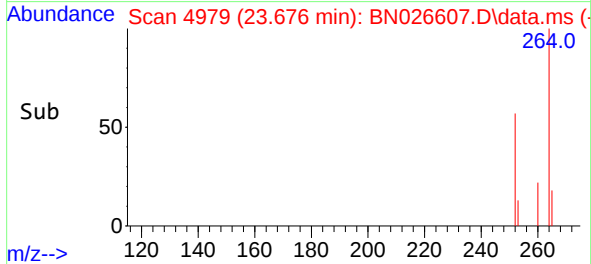
Instrument :
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Tgt Ion:252 Resp: 2715
Ion Ratio Lower Upper
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253 70.5 32.6 49.0
125 77.5 19.3 28.9

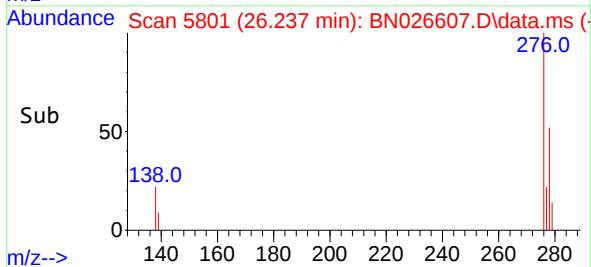
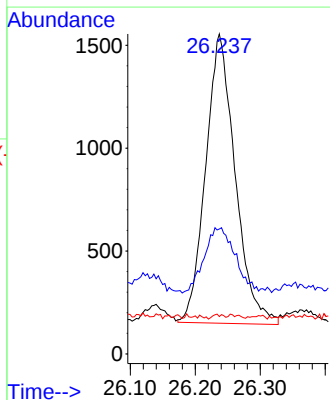
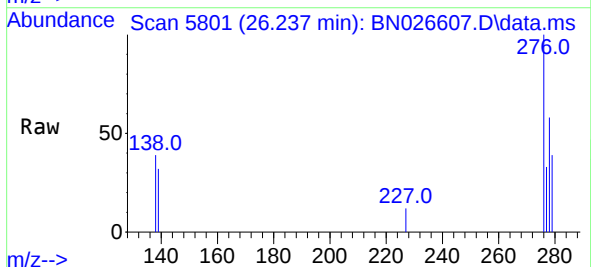
Manual Integrations
APPROVED

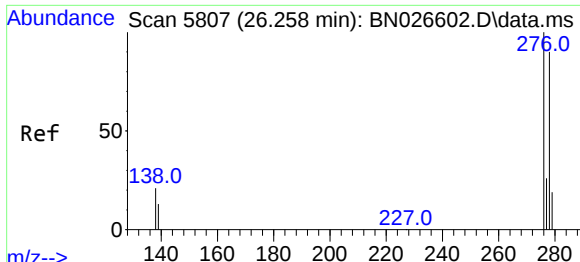
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.011 min
Lab File: BN026607.D
Acq: 21 Jul 2023 01:05

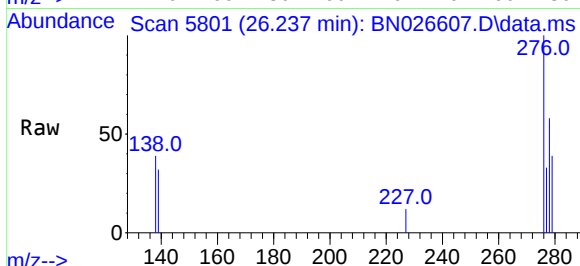
Tgt Ion:276 Resp: 4429
Ion Ratio Lower Upper
276 100
138 24.1 22.2 33.4
227 0.6 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.084 ng/ul
 RT: 26.237 min Scan# 5801
 Delta R.T. -0.021 min
 Lab File: BN026607.D
 Acq: 21 Jul 2023 01:05

Instrument :
 BNA_N
 ClientSampleId :
 A46X4RE



Tgt Ion: 278 Resp: 279

Ion	Ratio	Lower	Upper
278	100		
139	55.1	18.9	28.3
279	68.3	31.3	46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

