

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034917.D
 Acq On : 04 May 2022 07:29
 Operator : CG/JU
 Sample : N2623-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFJ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 04 08:05:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5319	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	14932	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	8639	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	15559	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	10269	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	10431	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	26403	4.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6640	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	11004	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	924	0.022	ng/ul#	91
8) 1-Methylnaphthalene	12.607	142	587	0.021	ng/ul	99
12) Fluorene	15.602	166	1106	0.031	ng/ul#	97
15) Phenanthrene	17.339	178	12733	0.248	ng/ul	95
16) Anthracene	17.427	178	1574	0.034	ng/ul#	90
19) Fluoranthene	19.350	202	14922	0.303	ng/ul	99
20) Pyrene	19.712	202	17928m	0.362	ng/ul	
21) Benzo(a)anthracene	21.456	228	5643	0.141	ng/ul	93
22) Chrysene	21.509	228	7958	0.187	ng/ul	97
24) Benzo(b)fluoranthene	23.134	252	8306	0.174	ng/ul#	75
25) Benzo(k)fluoranthene	23.174	252	2639m	0.055	ng/ul	
26) Benzo(a)pyrene	23.750	252	5534	0.142	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.323	276	3871	0.071	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.336	278	1118	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.084	276	3593	0.076	ng/ul#	83

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

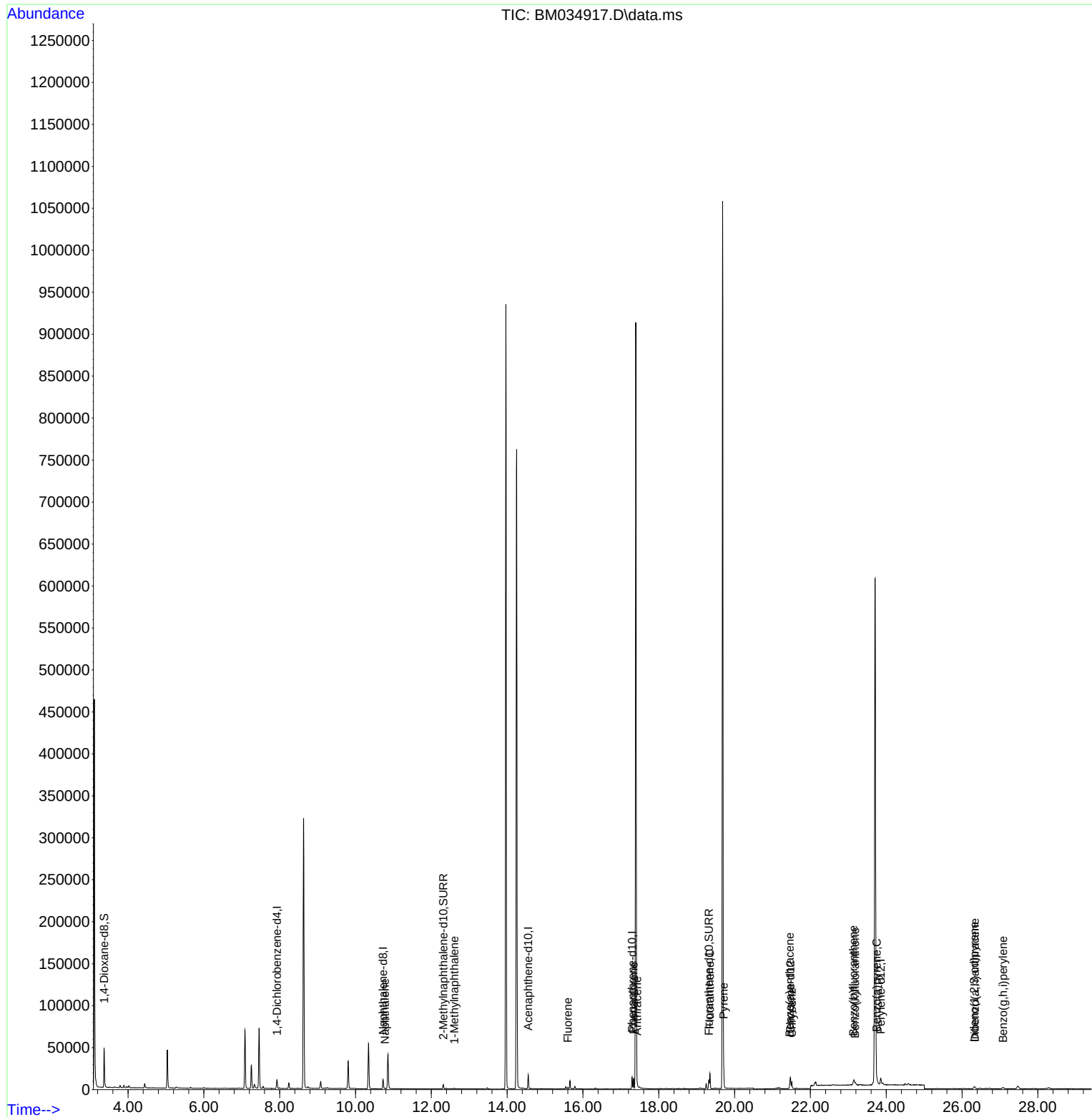
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034917.D
Acq On : 04 May 2022 07:29
Operator : CG/JU
Sample : N2623-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

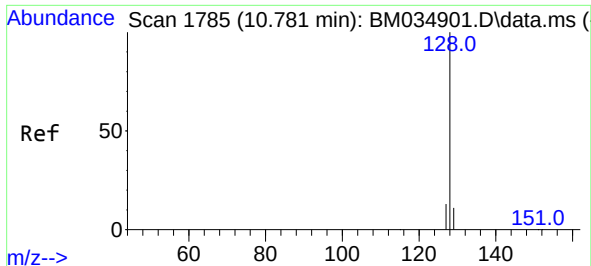
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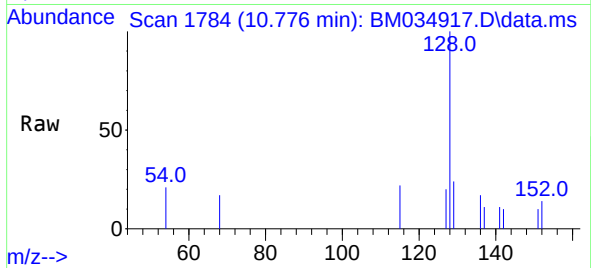
Quant Time: May 04 08:05:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

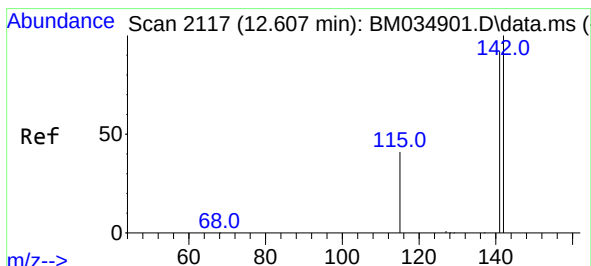
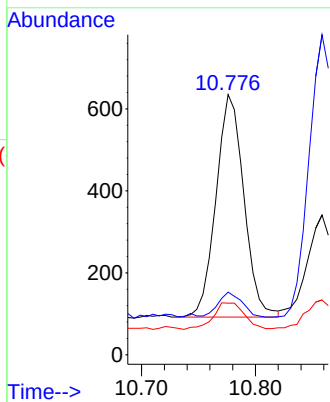
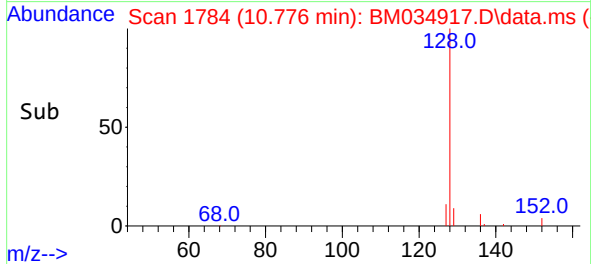
Instrument :
BNA_M
ClientSampleId :
BFFJ4



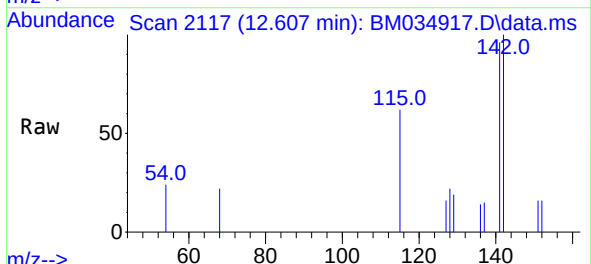
Tgt Ion:128 Resp: 924
Ion Ratio Lower Upper
128 100
129 24.1 13.4 20.2
127 19.8 15.2 22.8

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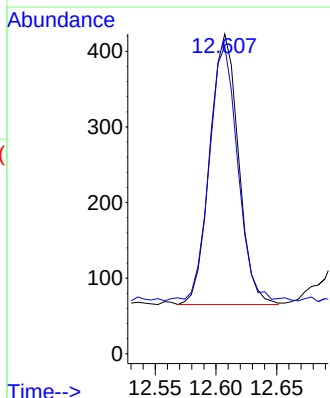
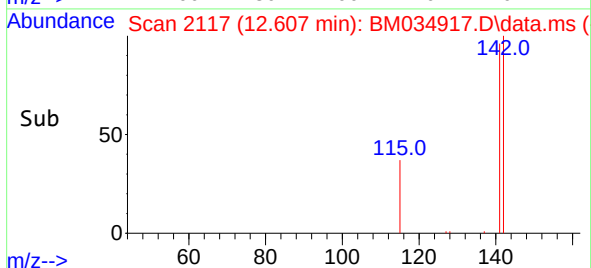
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

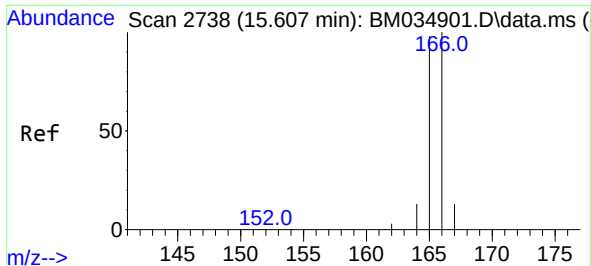


#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29



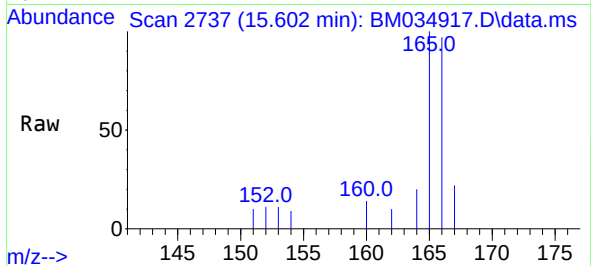
Tgt Ion:142 Resp: 587
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4





#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

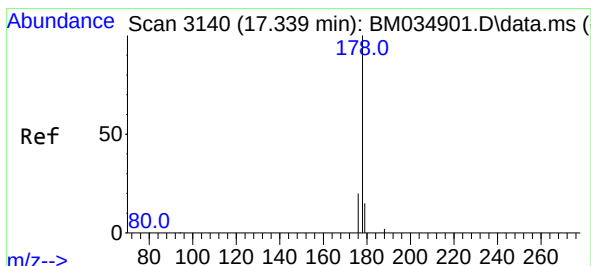
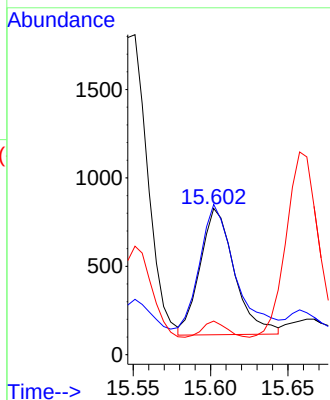
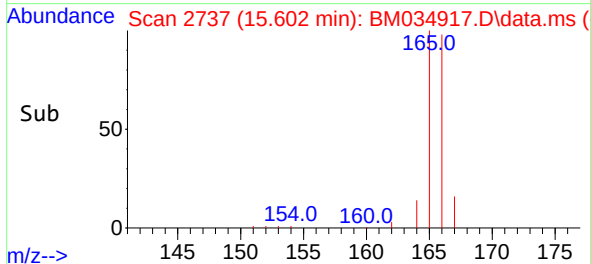
Instrument :
BNA_M
ClientSampleId :
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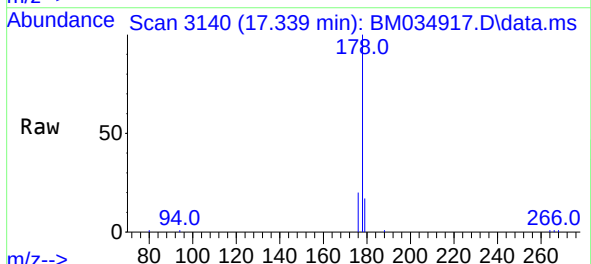
Tgt Ion:166 Resp: 1100
Ion Ratio Lower Upper
166 100
165 102.8 81.1 121.7
167 23.0 14.9 22.3

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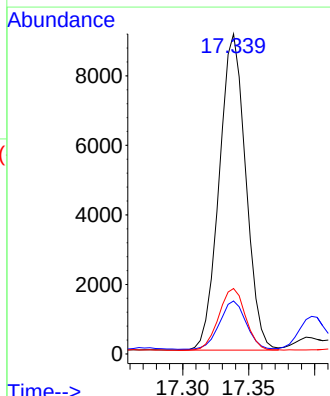
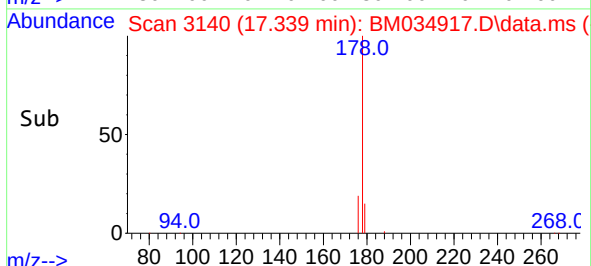
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

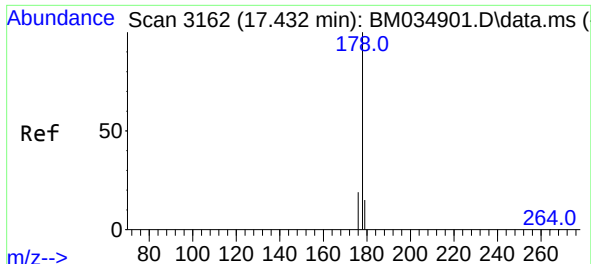


#15
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29



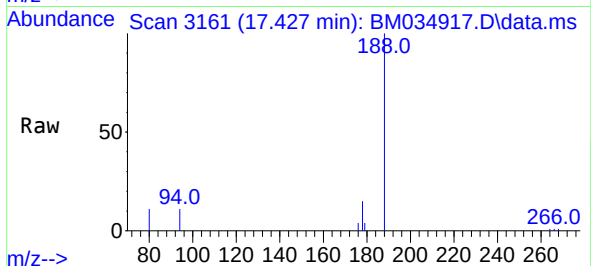
Tgt Ion:178 Resp: 12733
Ion Ratio Lower Upper
178 100
179 16.6 15.0 22.6
176 20.4 17.9 26.9





#16
 Anthracene
 Concen: 0.034 ng/u1
 RT: 17.427 min Scan# 3162
 Delta R.T. -0.005 min
 Lab File: BM034917.D
 Acq: 04 May 2022 07:29

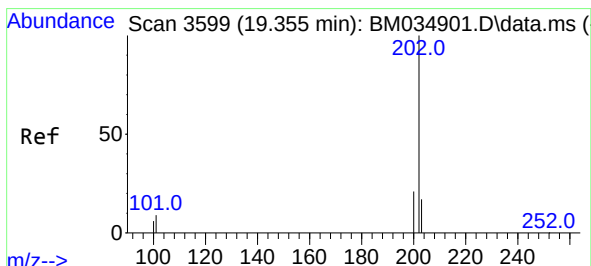
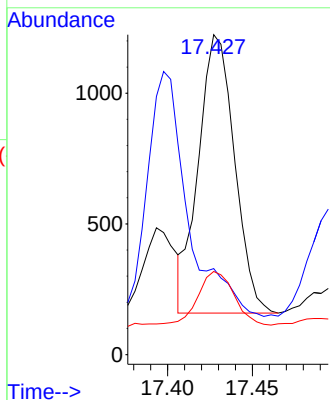
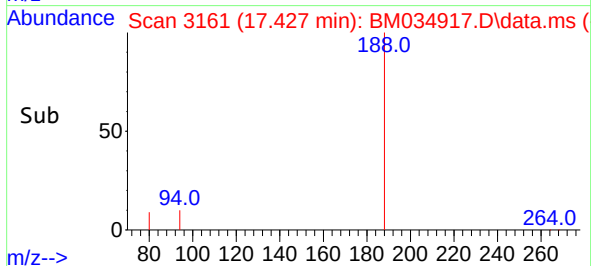
Instrument :
 BNA_M
 ClientSampleId :
 BFFJ4



Tgt Ion:178 Resp: 1574
 Ion Ratio Lower Upper
 178 100
 179 26.9 16.5 24.7
 176 26.0 18.3 27.5

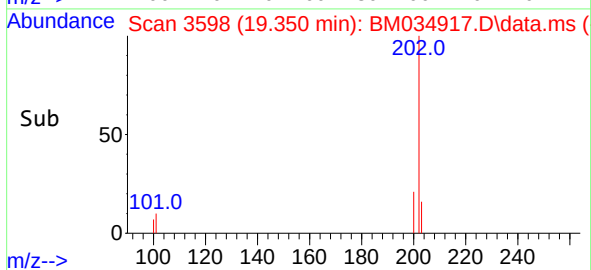
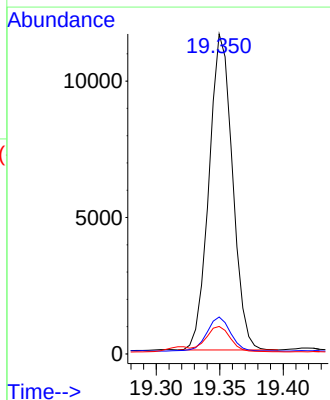
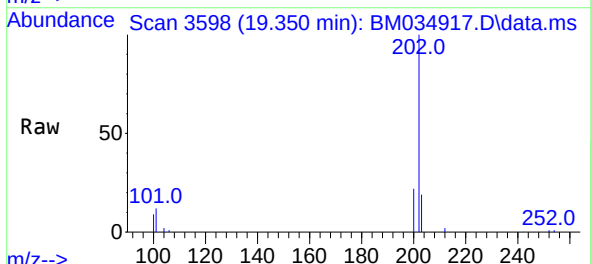
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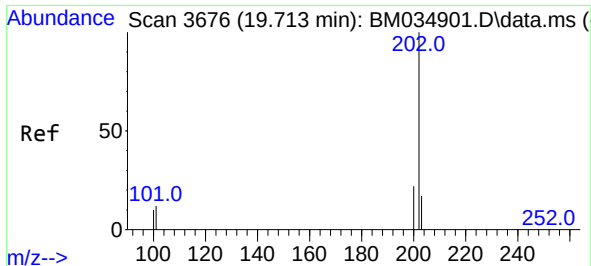
Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022



#19
 Fluoranthene
 Concen: 0.303 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. -0.006 min
 Lab File: BM034917.D
 Acq: 04 May 2022 07:29

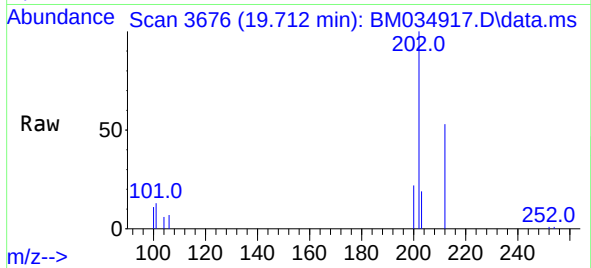
Tgt Ion:202 Resp: 14922
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.2 13.8
 100 8.6 7.2 10.8





#20
Pyrene
Concen: 0.362 ng/ul m
RT: 19.712 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

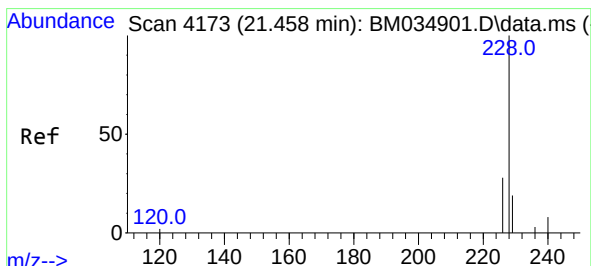
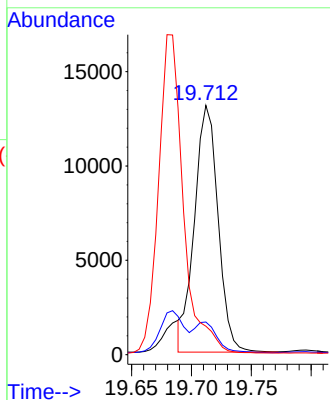
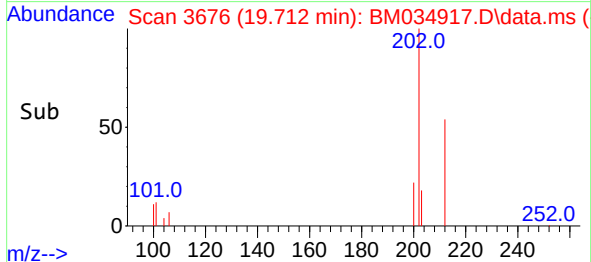
Instrument :
BNA_M
ClientSampleId :
BFFJ4



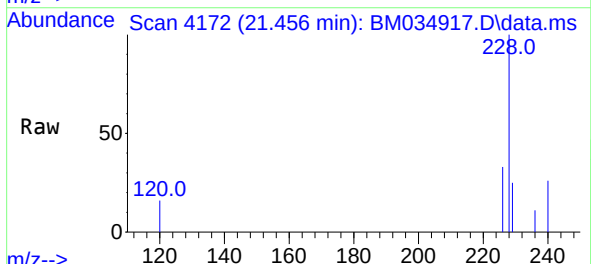
Tgt Ion:202 Resp: 17928
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 11.5 7.8 11.6

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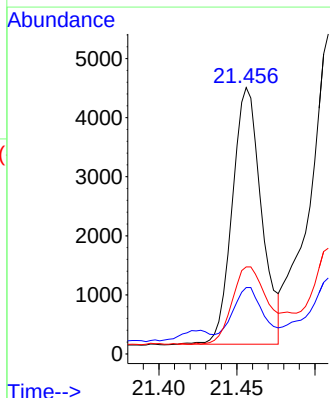
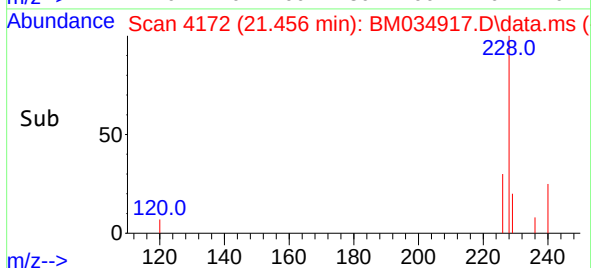
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

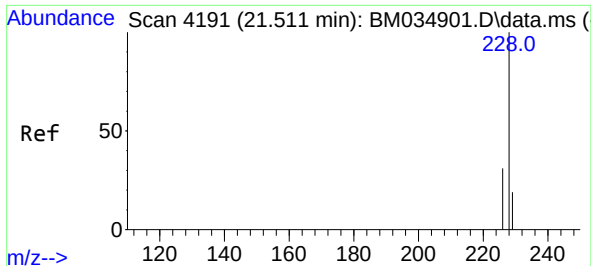


#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29



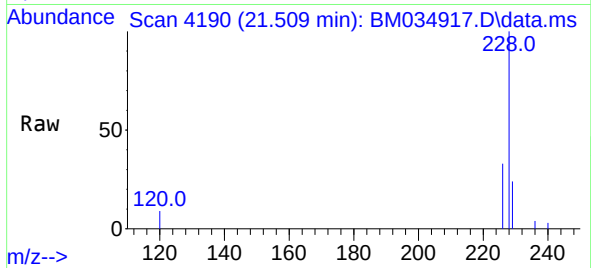
Tgt Ion:228 Resp: 5643
Ion Ratio Lower Upper
228 100
229 24.9 17.3 25.9
226 32.7 23.2 34.8





#22
Chrysene
Concen: 0.187 ng/ul
RT: 21.509 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

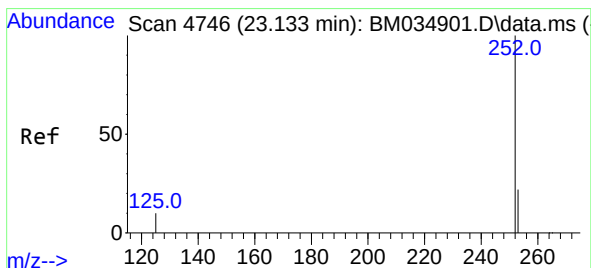
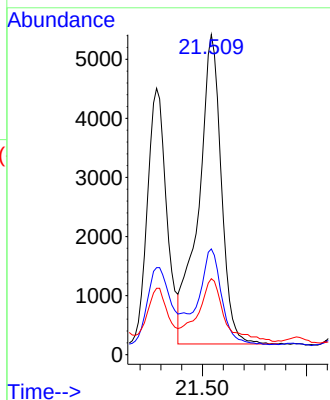
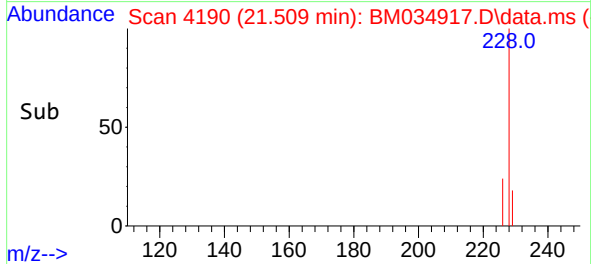
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 7958
Ion Ratio Lower Upper
228 100
226 33.1 25.8 38.8
229 23.8 16.7 25.1

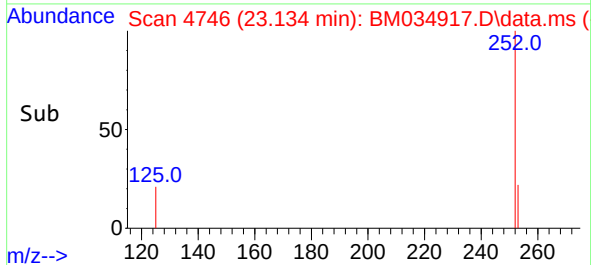
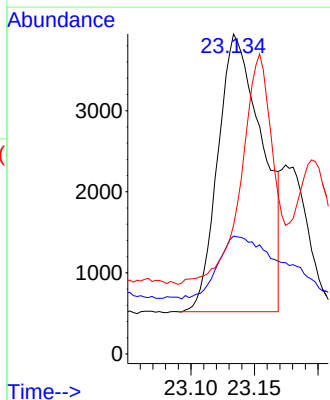
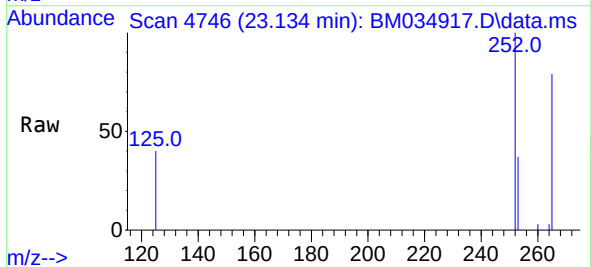
Manual Integrations
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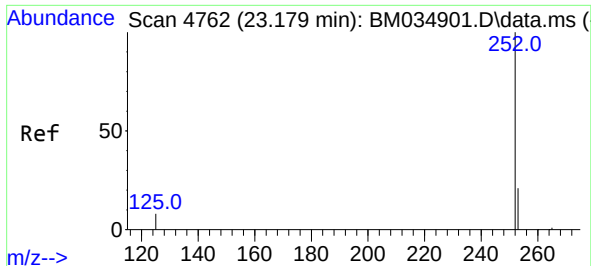
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#24
Benzo(b)fluoranthene
Concen: 0.174 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

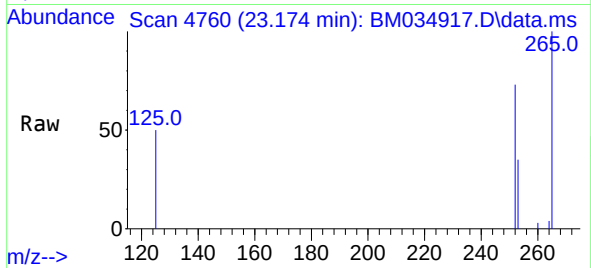
Tgt Ion:252 Resp: 8306
Ion Ratio Lower Upper
252 100
253 36.8 0.0 64.2
125 40.2 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. -0.008 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

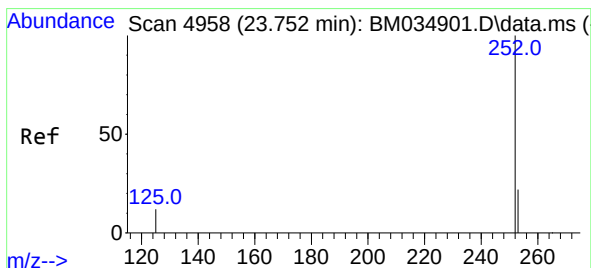
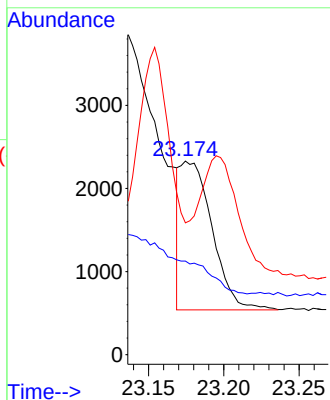
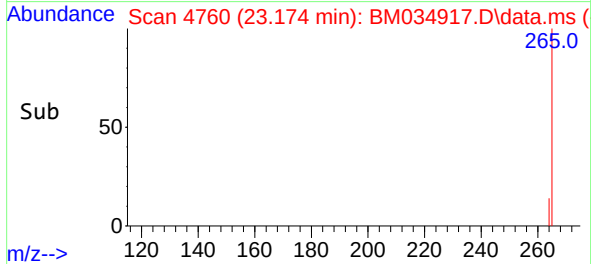
Instrument :
BNA_M
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BFFJ4



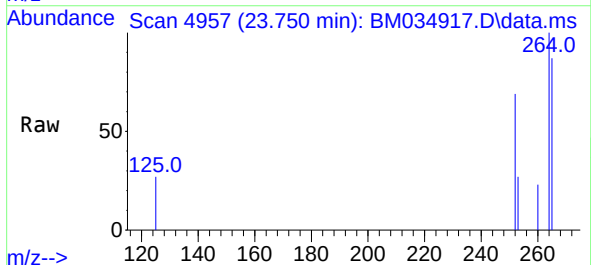
Tgt Ion:252 Resp: 2639
Ion Ratio Lower Upper
252 100
253 48.3 26.8 40.2
125 68.1 12.0 18.0

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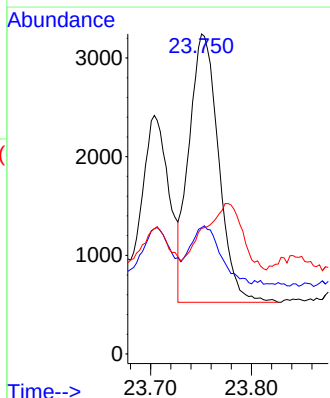
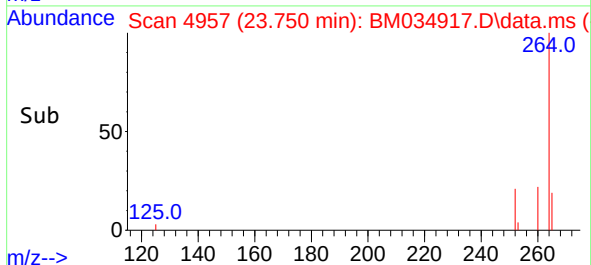
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Supervised By :Yogesh Patel 05/05/2022

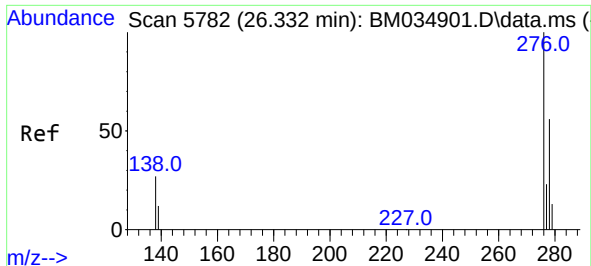


#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.005 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29



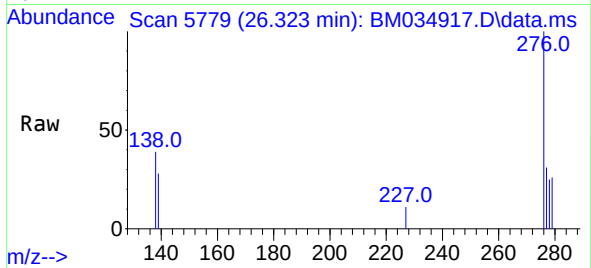
Tgt Ion:252 Resp: 5534
Ion Ratio Lower Upper
252 100
253 39.5 32.0 48.0
125 39.2 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.013 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

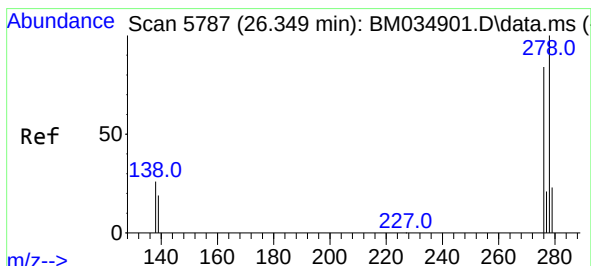
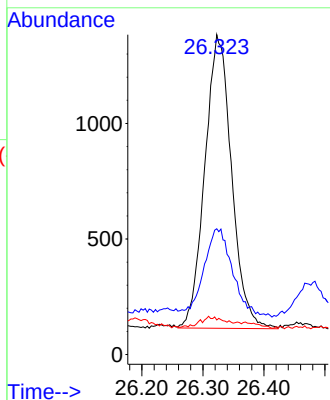
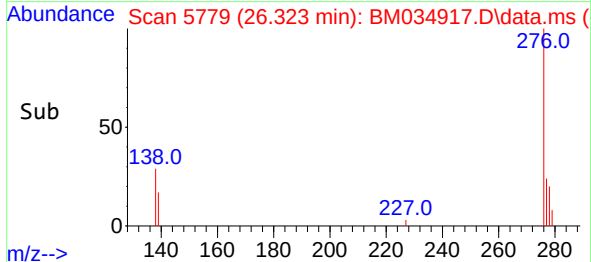
Instrument :
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ClientSampleId :
BFFJ4



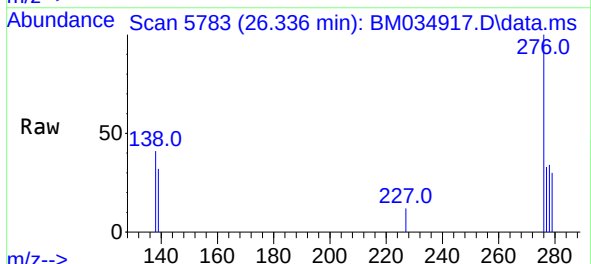
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Ion Ratio Lower Upper
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138 32.5 15.8 23.6
227 4.6 0.0 0.0

Manual Integrations
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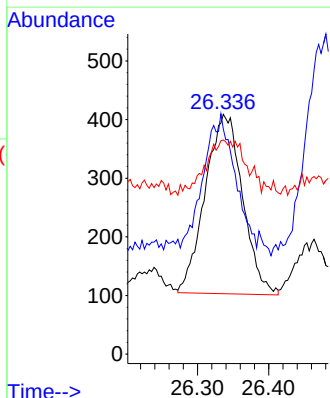
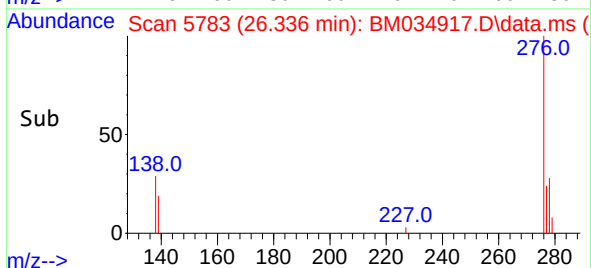
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

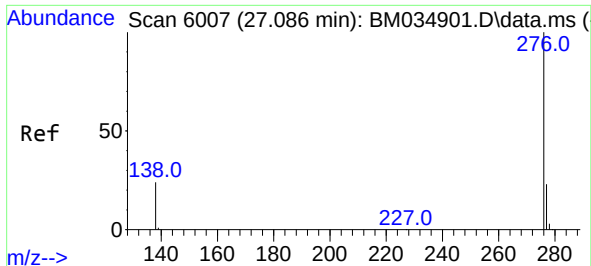


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. -0.016 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29



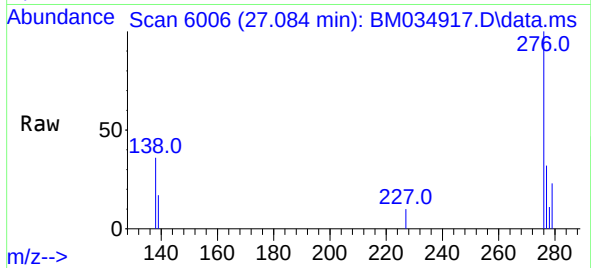
Tgt Ion:278 Resp: 1118
Ion Ratio Lower Upper
278 100
139 93.9 18.0 27.0#
279 89.2 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.076 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM034917.D
Acq: 04 May 2022 07:29

Instrument :
BNA_M
ClientSampleId :
BFFJ4



Tgt Ion: 276 Resp: 359
Ion Ratio Lower Upper
276 100
138 36.2 17.4 26.0
277 31.7 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

