

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017794.D
 Acq On : 08 Dec 2021 10:57
 Operator : CG/JU
 Sample : M4918-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-44

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 00:04:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	18412	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	74509	0.400	ng	0.00
13) Acenaphthene-d10	14.348	164	51734	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	106174	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	102415	0.400	ng	0.01
35) Perylene-d12	23.589	264	98569	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7357	0.165	ng	0.00
5) Phenol-d6	6.913	99	4319	0.103	ng	0.00
8) Nitrobenzene-d5	8.859	82	19107	0.385	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	48478	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	14779	0.546	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	88086	0.465	ng	0.00
27) Fluoranthene-d10	19.130	212	125443	0.353	ng	0.00
31) Terphenyl-d14	19.735	244	129645	0.589	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.280	88	763m	0.113	ng	
9) Naphthalene	10.545	128	190104	0.974	ng	100
12) 2-Methylnaphthalene	12.161	142	10666	0.076	ng	# 94
17) Acenaphthene	14.411	154	244161	1.803	ng	98
18) Fluorene	15.388	166	150232	0.869	ng	98
24) Pentachlorophenol	16.752	266	334	0.291	ng	# 80
25) Phenanthrene	17.129	178	254195m	0.911	ng	
26) Anthracene	17.227	178	47578	0.194	ng	# 90
28) Fluoranthene	19.159	202	250160	0.737	ng	99
30) Pyrene	19.522	202	147192	0.453	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.219	149	36694	0.257	ng	# 99

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

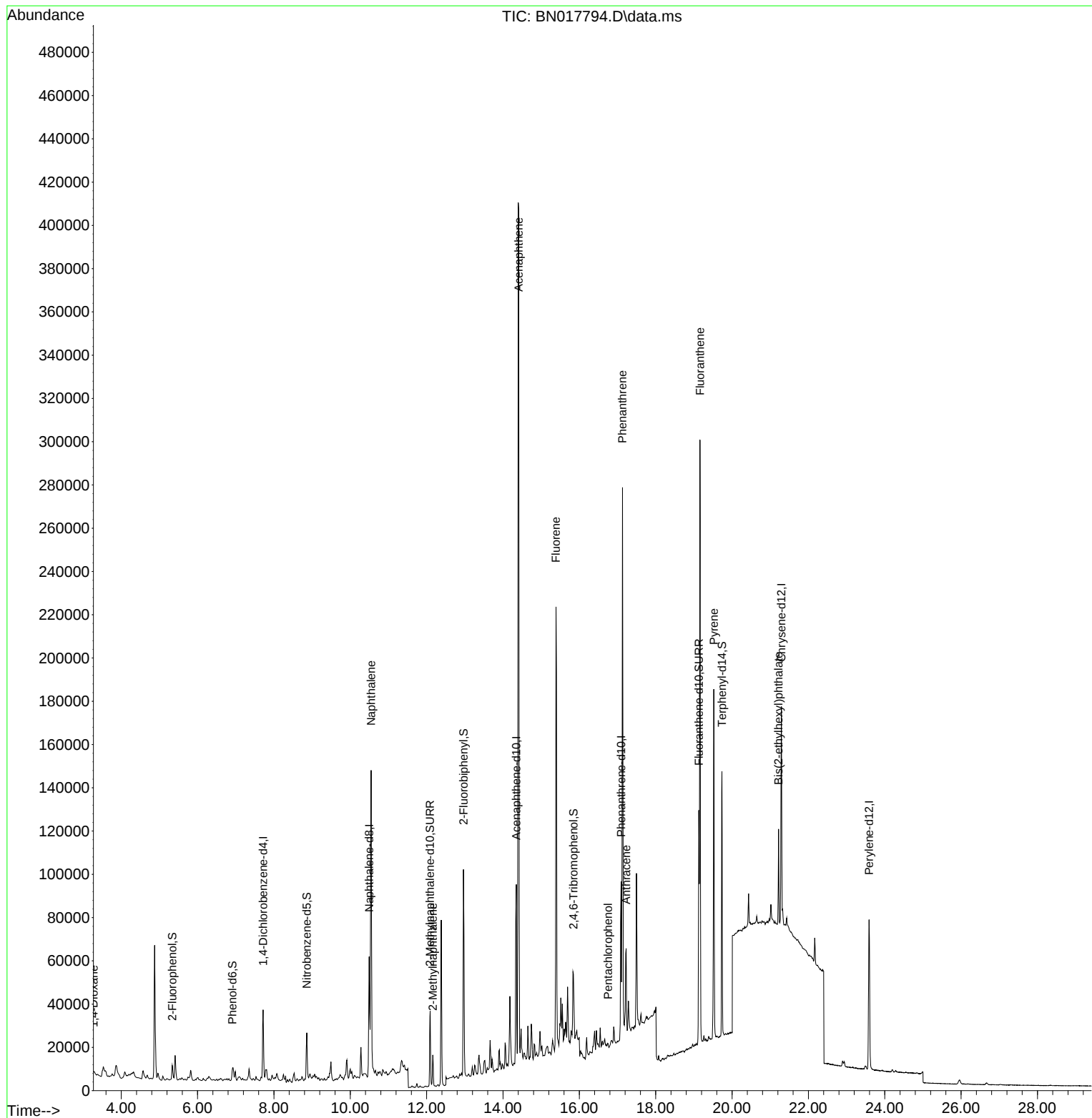
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017794.D
Acq On : 08 Dec 2021 10:57
Operator : CG/JU
Sample : M4918-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

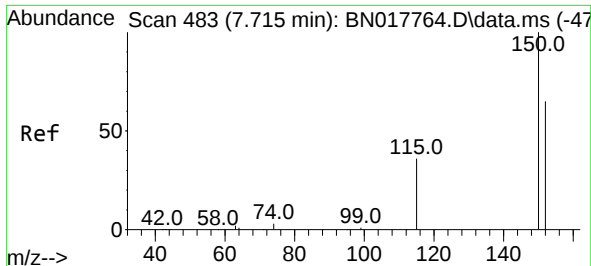
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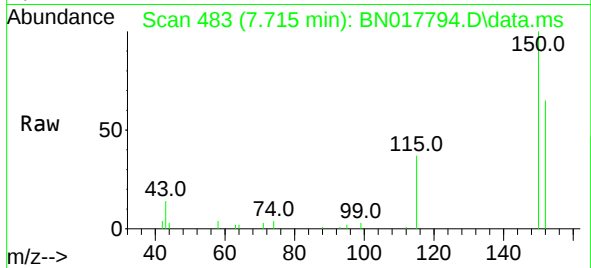
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

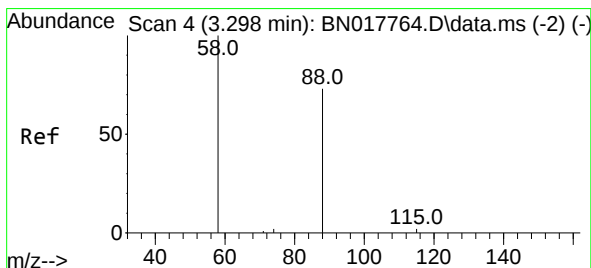
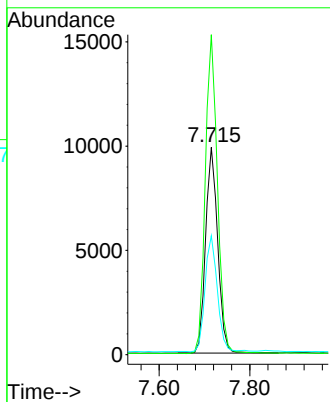
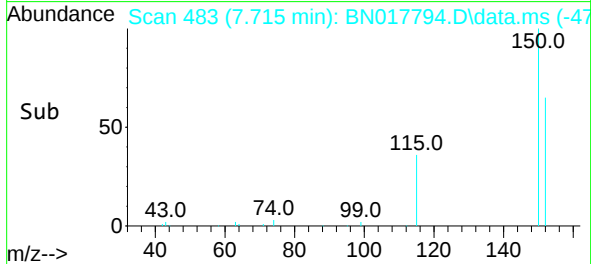
Instrument :
 BNA_N
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 MW-44



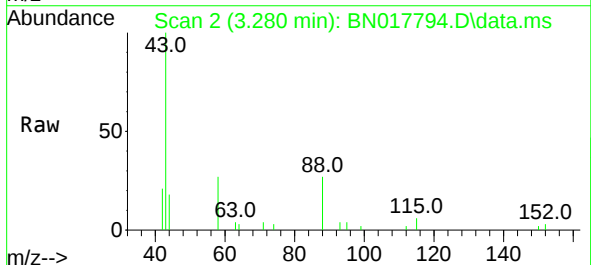
Tgt Ion: 152 Resp: 1841
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.0 184.4
 115 57.3 45.3 67.9

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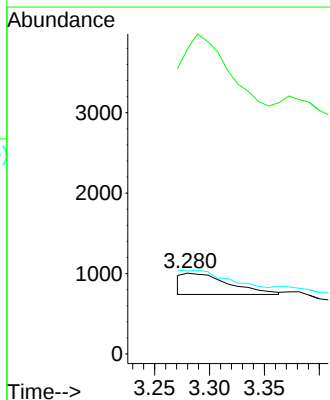
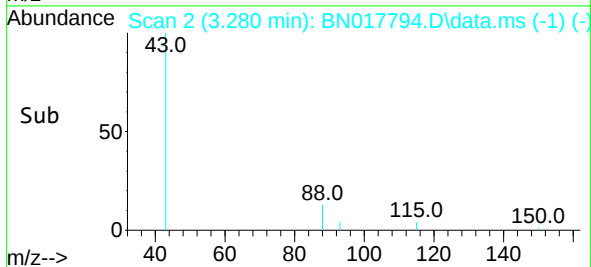
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 Supervised By :mohammad ahmed 12/15/2021

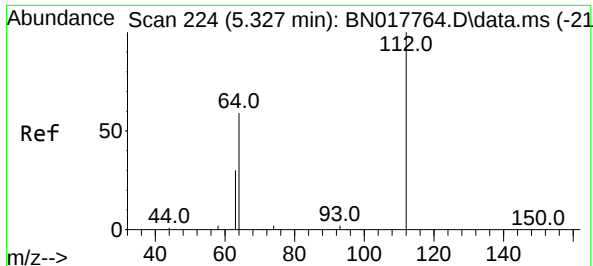


#2
 1,4-Dioxane
 Concen: 0.113 ng m
 RT: 3.280 min Scan# 2
 Delta R.T. -0.018 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57



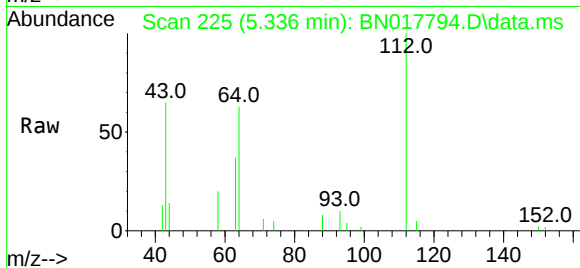
Tgt Ion: 88 Resp: 763
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 0.0 0.0 0.0





#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

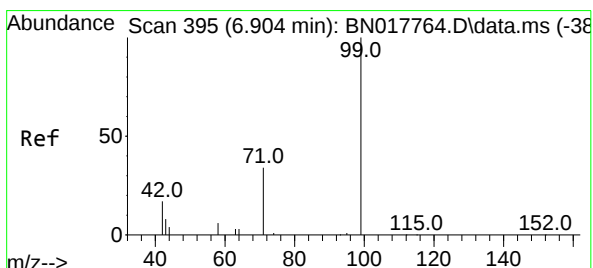
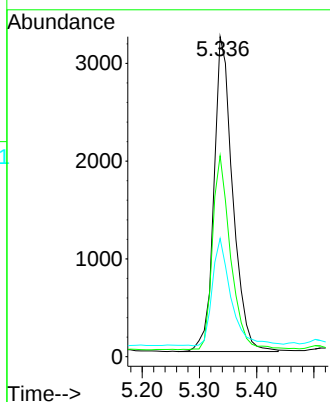
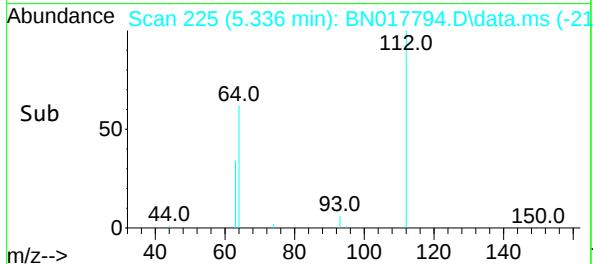
Instrument :
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Tgt Ion:112 Resp: 735
Ion Ratio Lower Upper
112 100
64 58.7 49.3 73.9
63 33.8 25.8 38.8

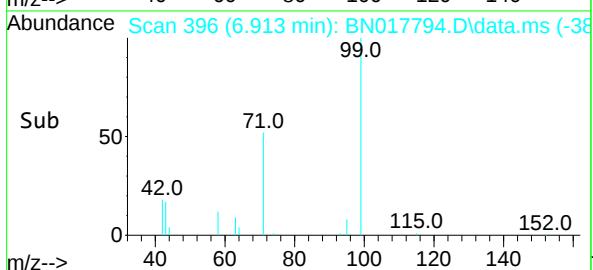
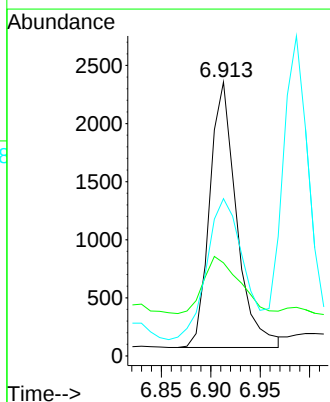
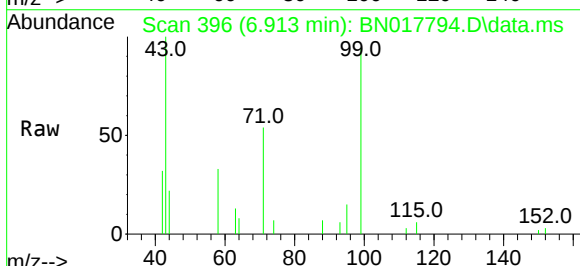
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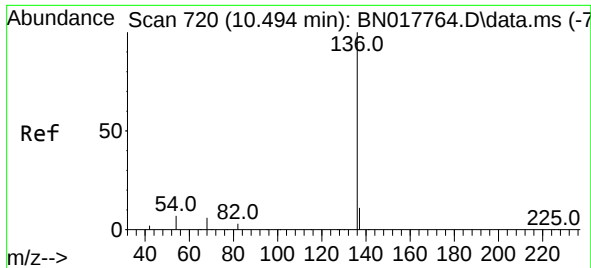
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.913 min Scan# 396
Delta R.T. 0.009 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

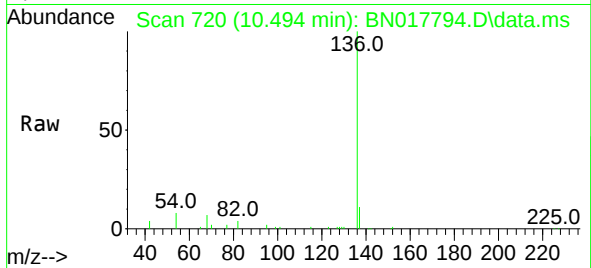
Tgt Ion: 99 Resp: 4319
Ion Ratio Lower Upper
99 100
42 28.6 16.6 25.0#
71 72.1 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

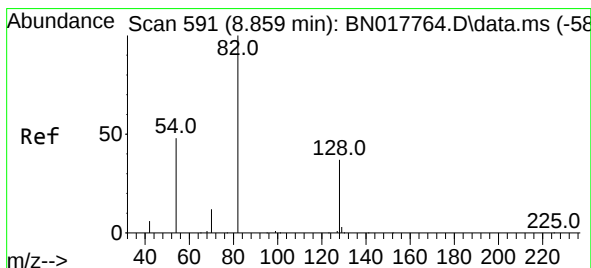
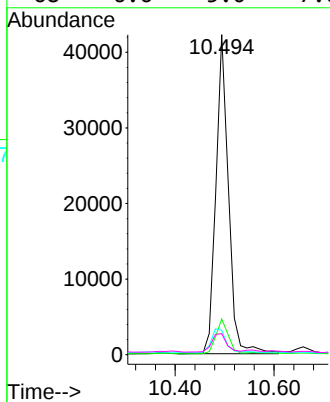
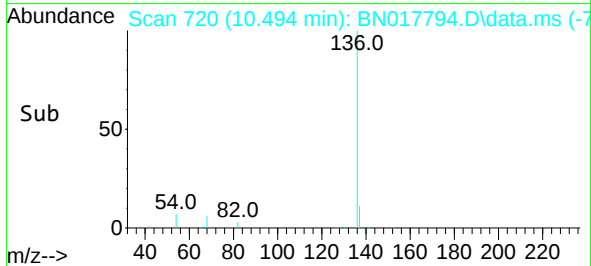
Instrument :
BNA_N
ClientSampleId :
MW-44



Tgt Ion:	136	Resp:	74509
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	7.6	5.9	8.9
68	6.6	5.0	7.6

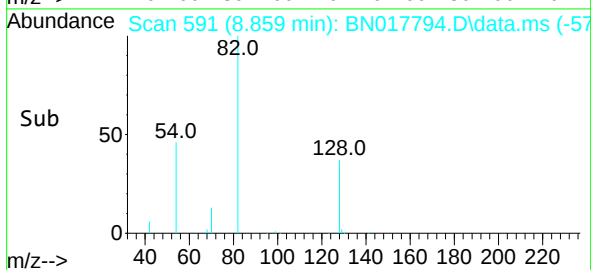
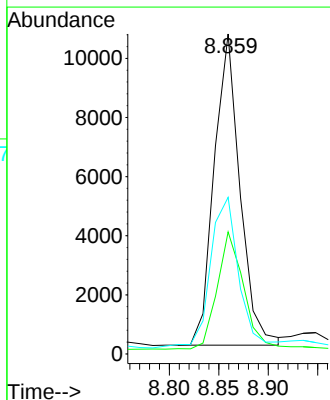
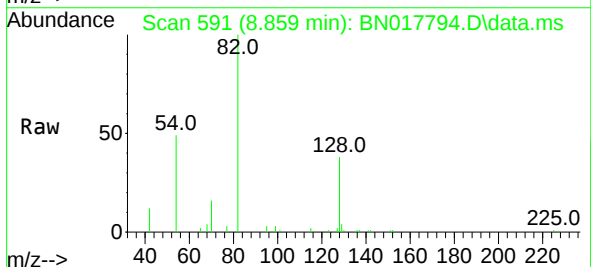
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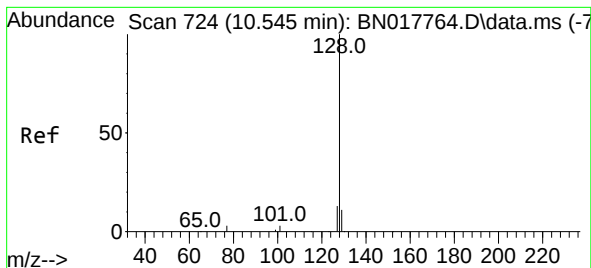
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

Tgt Ion:	82	Resp:	19107
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.2	45.2
54	49.0	39.0	58.6





#9

Naphthalene

Concen: 0.974 ng

RT: 10.545 min Scan# 724

Delta R.T. -0.000 min

Lab File: BN017794.D

Acq: 08 Dec 2021 10:57

Instrument :

BNA_N

ClientSampleId :

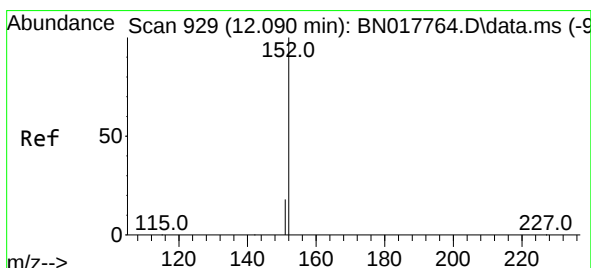
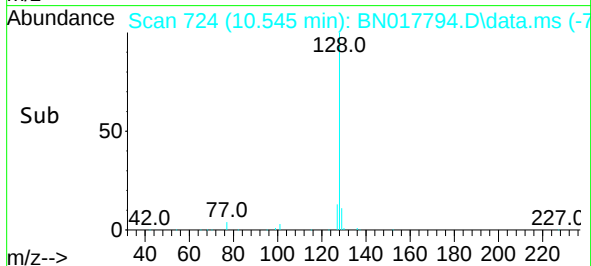
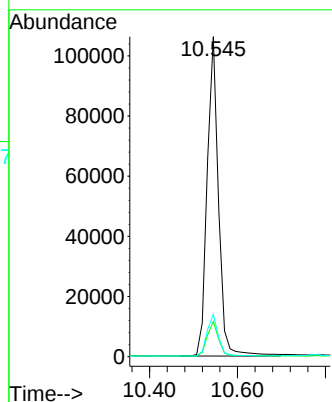
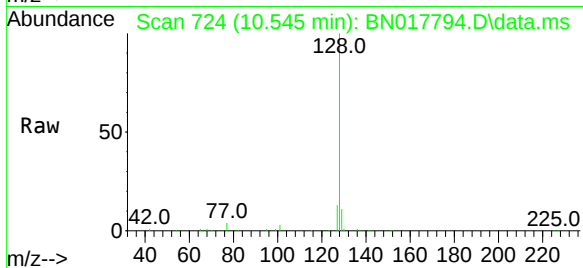
MW-44

Tgt Ion:128 Resp: 190104
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.2 10.6 15.8

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#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

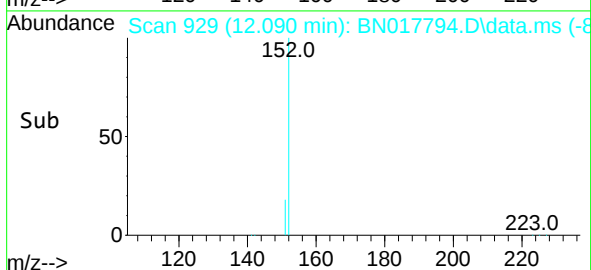
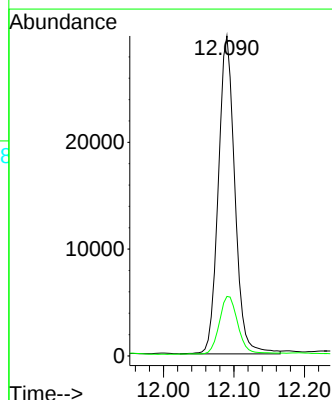
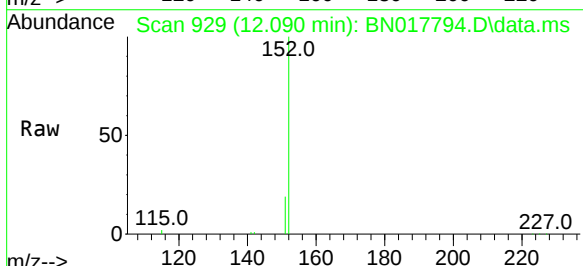
RT: 12.090 min Scan# 929

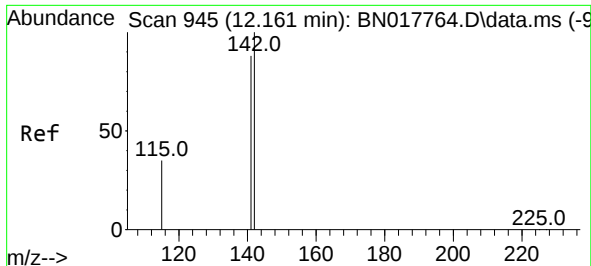
Delta R.T. -0.000 min

Lab File: BN017794.D

Acq: 08 Dec 2021 10:57

Tgt Ion:152 Resp: 48478
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.076 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017794.D

Acq: 08 Dec 2021 10:57

Instrument :

BNA_N

ClientSampleId :

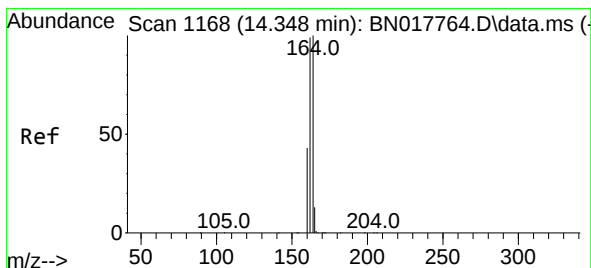
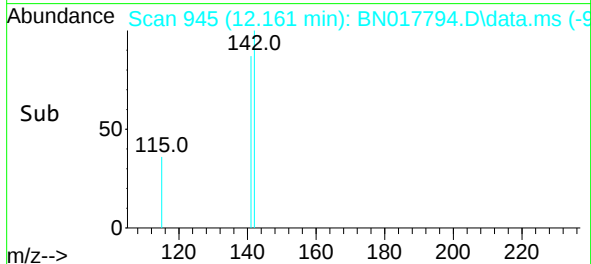
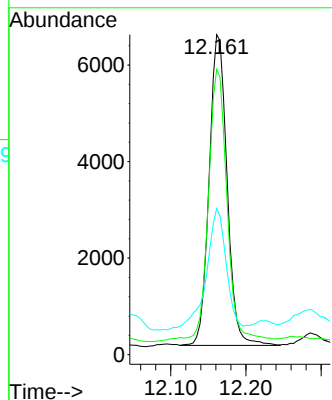
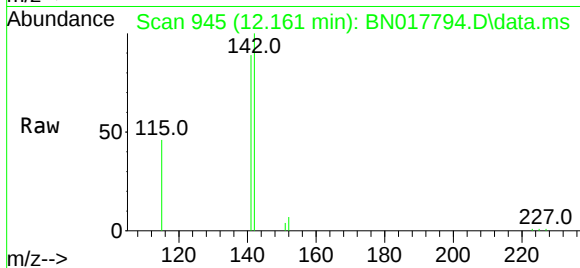
MW-44

Tgt Ion:	142	Resp:	1066
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.5	105.7
115	45.7	28.0	42.0

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#13

Acenaphthene-d10

Concen: 0.400 ng

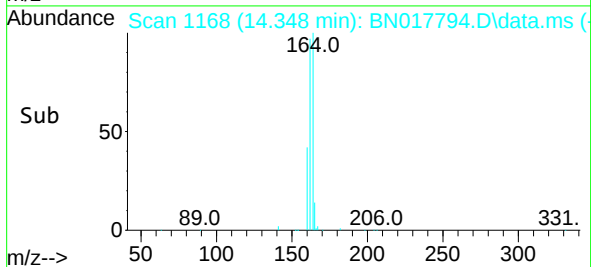
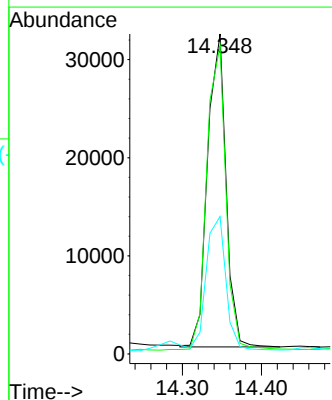
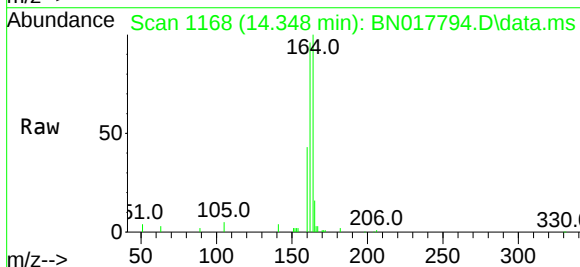
RT: 14.348 min Scan# 1168

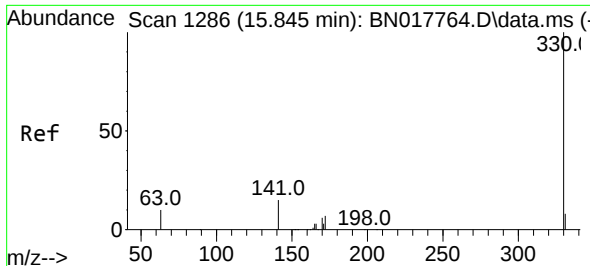
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Lab File: BN017794.D

Acq: 08 Dec 2021 10:57

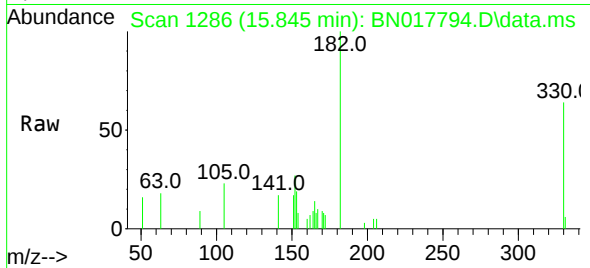
Tgt Ion:	164	Resp:	51734
Ion Ratio	Lower	Upper	
164	100		
162	96.3	79.0	118.6
160	43.0	34.6	52.0





#14
2,4,6-Tribromophenol
Concen: 0.546 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

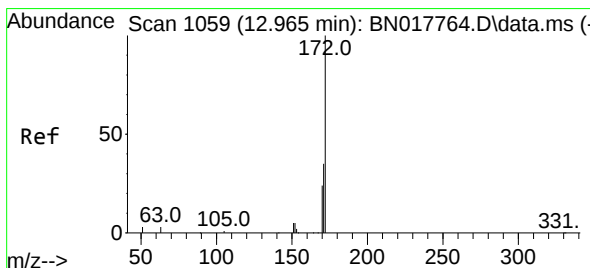
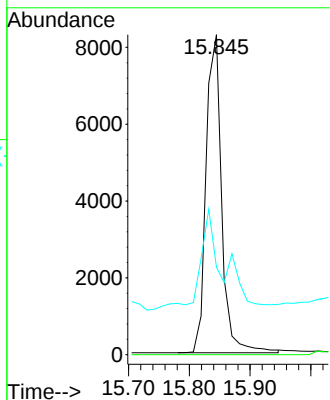
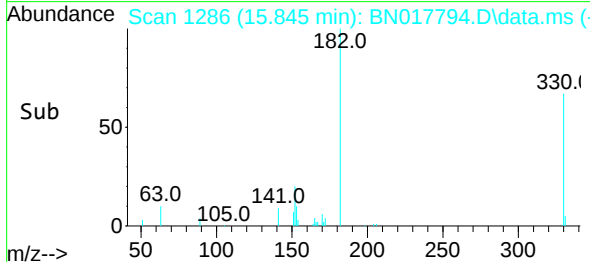
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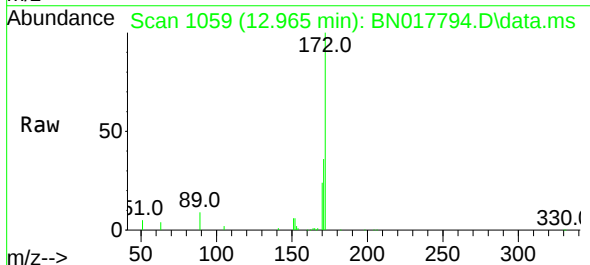
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Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.8 21.5 32.3

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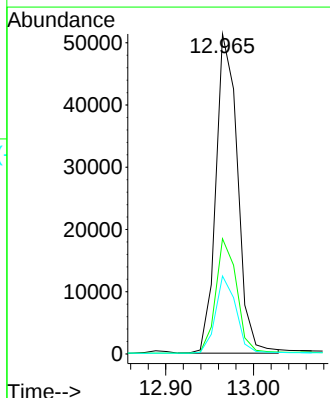
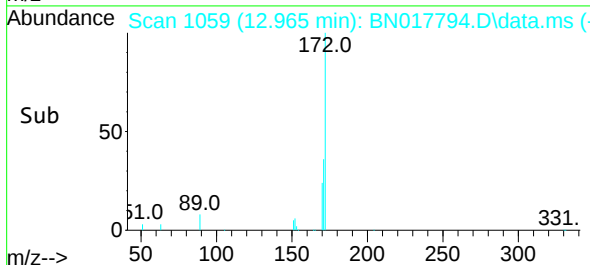
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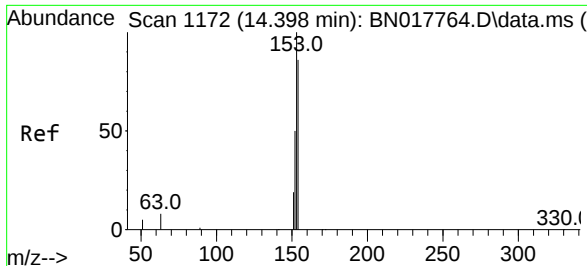


#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57



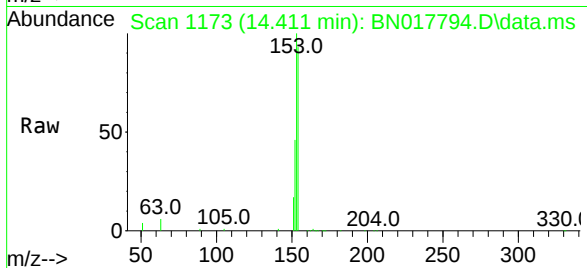
Tgt Ion: 172 Resp: 88086
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.4 18.9 28.3





#17
Acenaphthene
Concen: 1.803 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

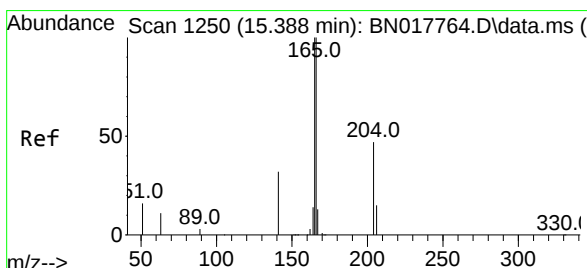
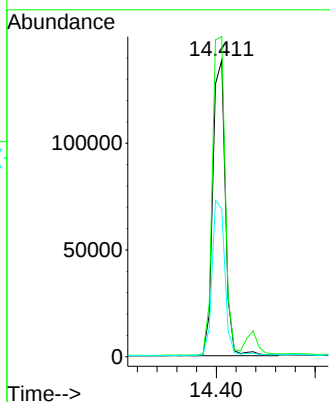
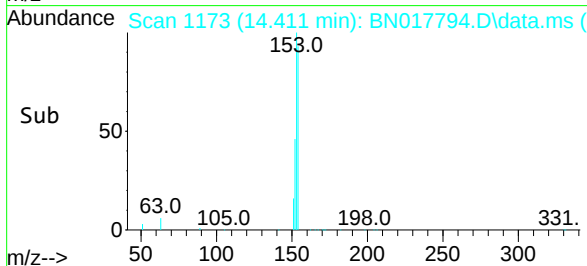
Instrument :
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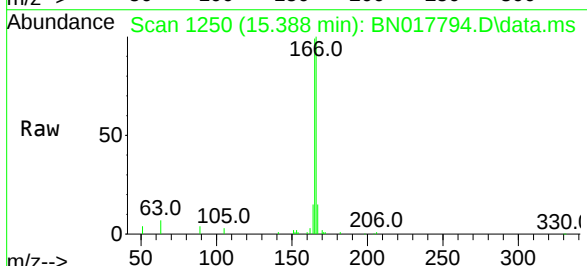
Tgt Ion:154 Resp: 24416
Ion Ratio Lower Upper
154 100
153 110.1 90.1 135.1
152 53.3 43.7 65.5

Manual Integrations
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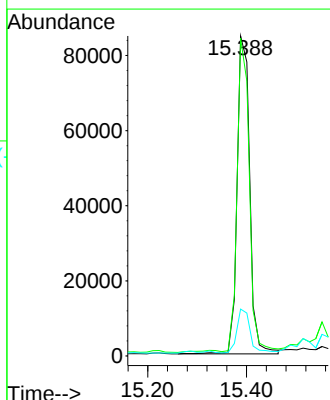
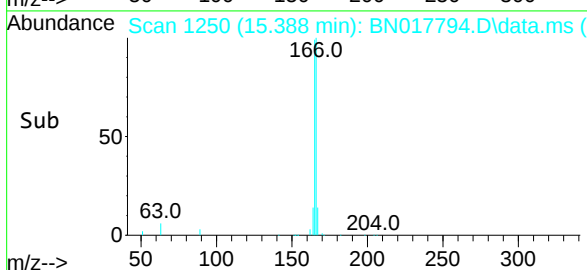
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

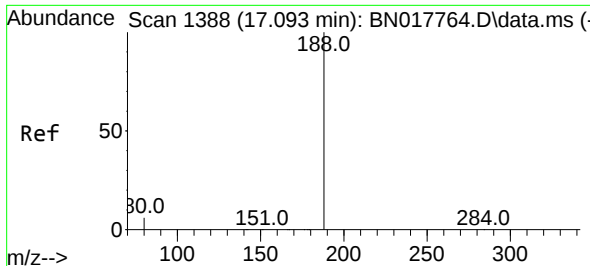


#18
Fluorene
Concen: 0.869 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57



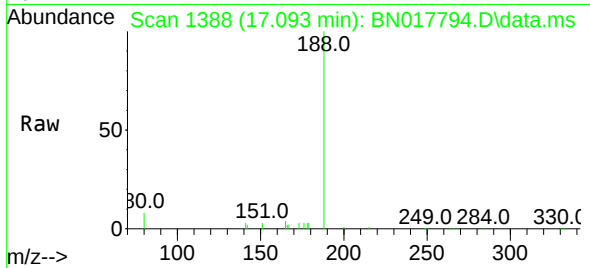
Tgt Ion:166 Resp: 150232
Ion Ratio Lower Upper
166 100
165 94.8 77.8 116.8
167 14.4 11.0 16.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

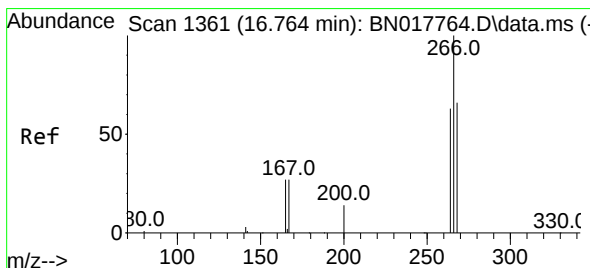
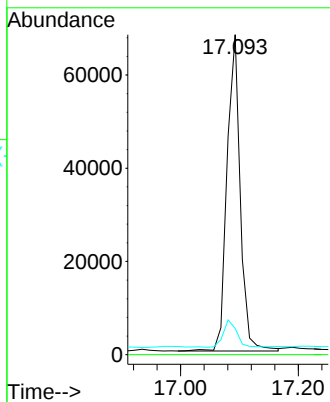
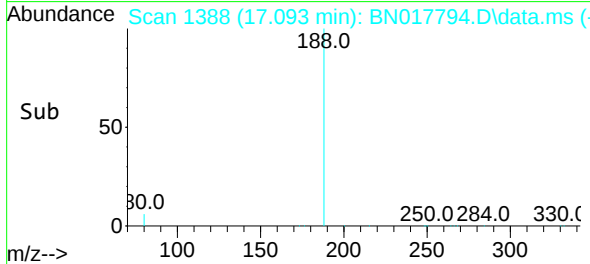
Instrument :
BNA_N
ClientSampleId :
MW-44



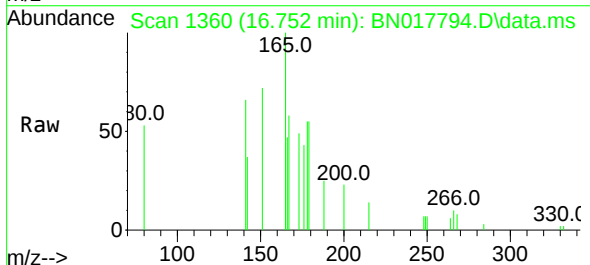
Tgt Ion:188 Resp: 106174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 5.1 7.7

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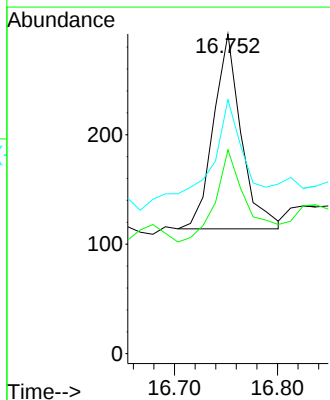
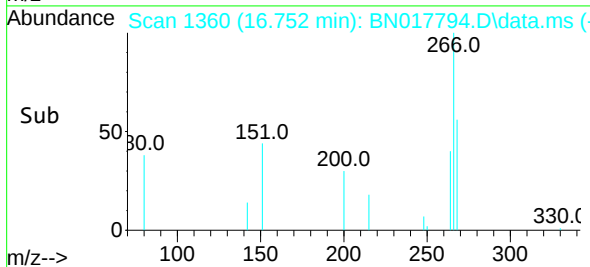
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

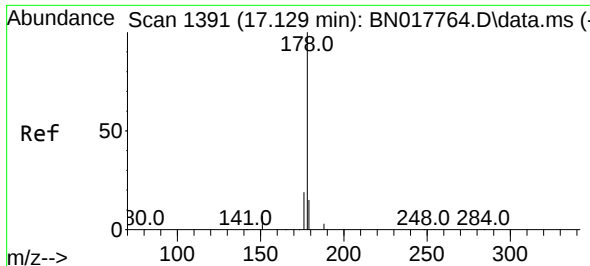


#24
Pentachlorophenol
Concen: 0.291 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57



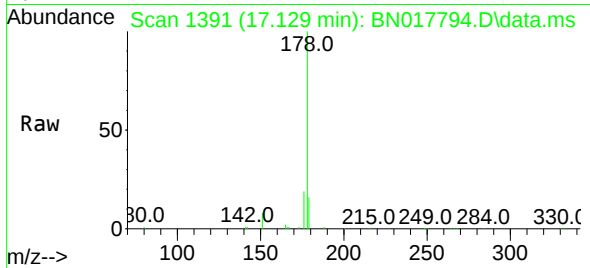
Tgt Ion:266 Resp: 334
Ion Ratio Lower Upper
266 100
264 53.9 50.8 76.2
268 42.5 51.8 77.6





#25
Phenanthrene
Concen: 0.911 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

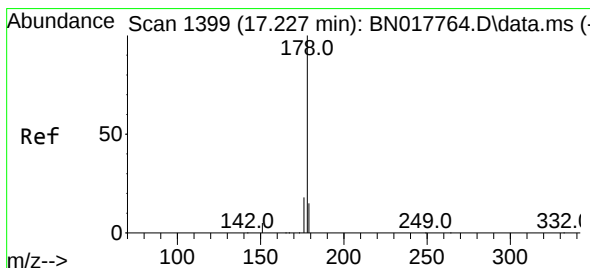
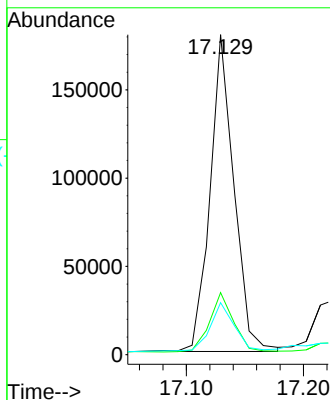
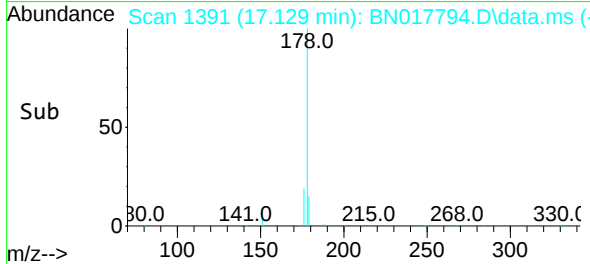
Instrument :
BNA_N
ClientSampleId :
MW-44



Tgt Ion:178 Resp: 25419
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.4 12.5 18.7

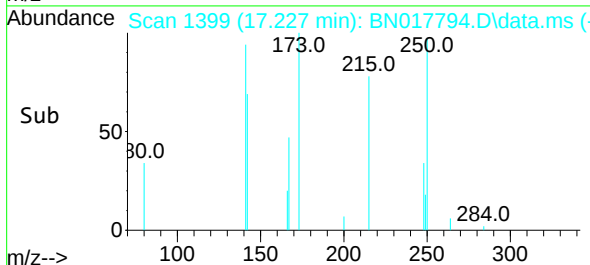
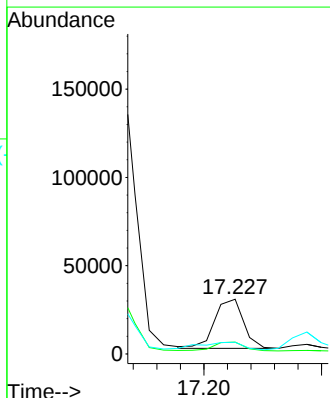
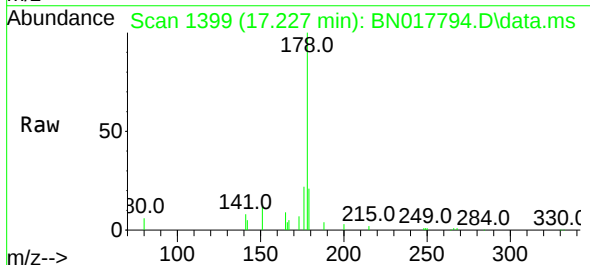
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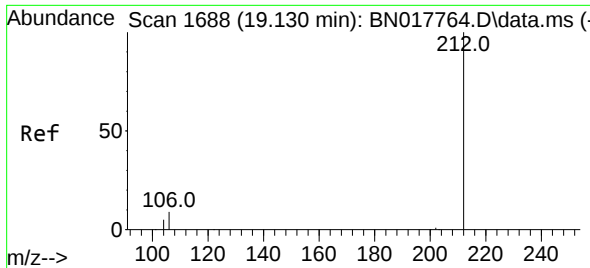
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#26
Anthracene
Concen: 0.194 ng
RT: 17.227 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

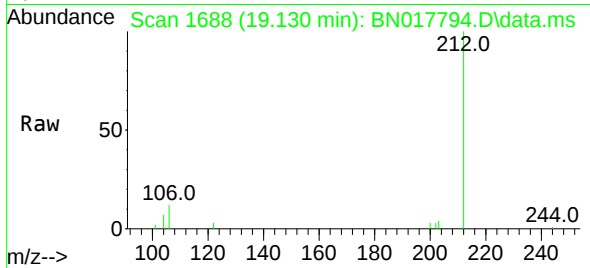
Tgt Ion:178 Resp: 47578
Ion Ratio Lower Upper
178 100
176 19.0 14.5 21.7
179 23.8 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.130 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

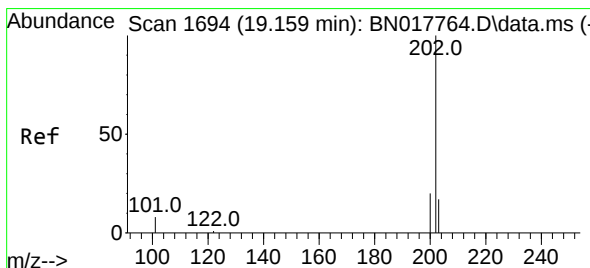
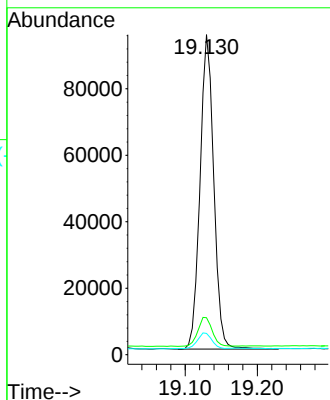
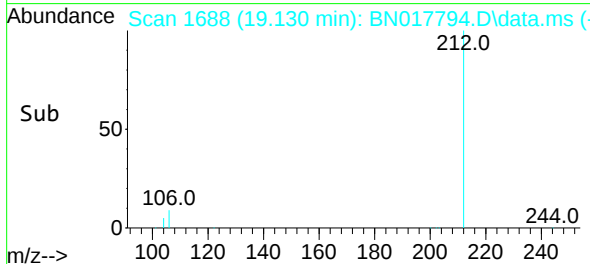
Instrument :
BNA_N
ClientSampleId :
MW-44



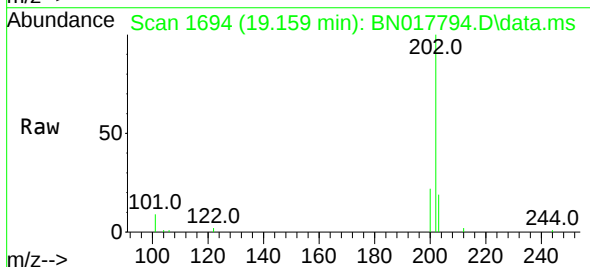
Tgt Ion:212 Resp: 12544
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.5 4.6 6.8

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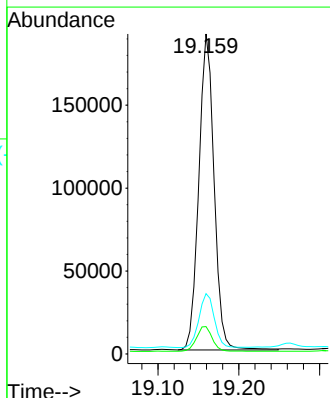
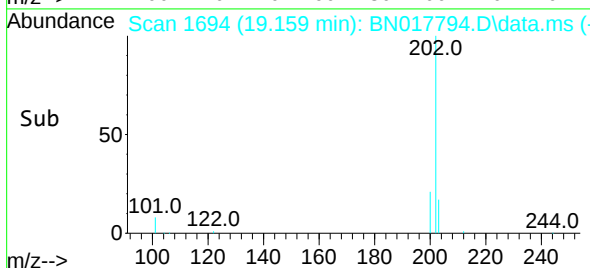
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

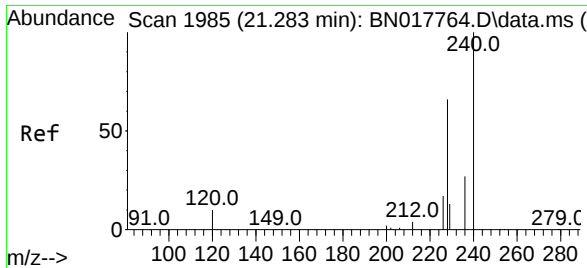


#28
Fluoranthene
Concen: 0.737 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57



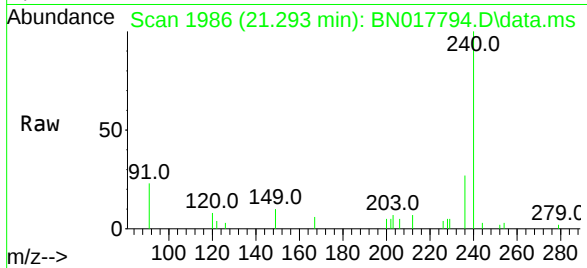
Tgt Ion:202 Resp: 250160
Ion Ratio Lower Upper
202 100
101 8.0 7.2 10.8
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.011 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57

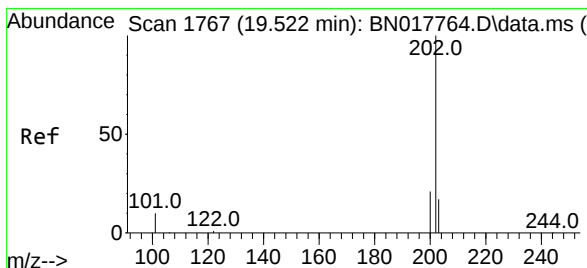
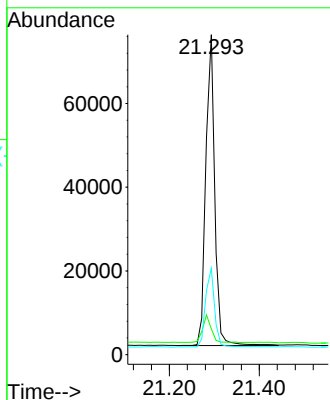
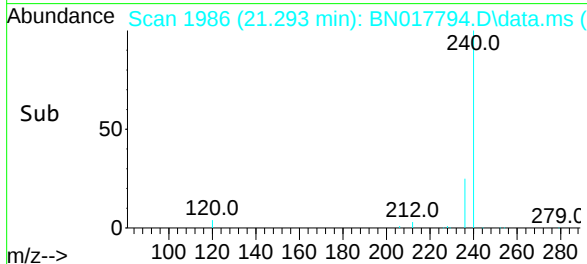
Instrument :
BNA_N
ClientSampleId :
MW-44



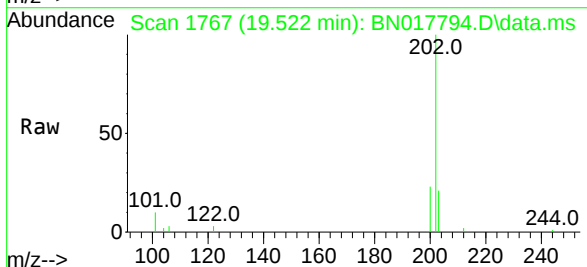
Tgt Ion:240 Resp: 102415
Ion Ratio Lower Upper
240 100
120 8.0 7.9 11.9
236 27.0 21.4 32.2

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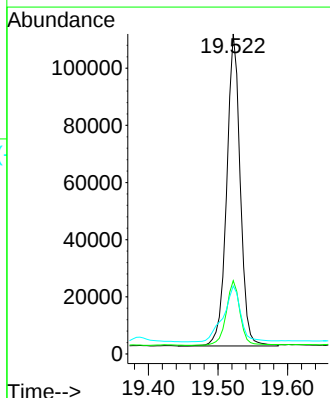
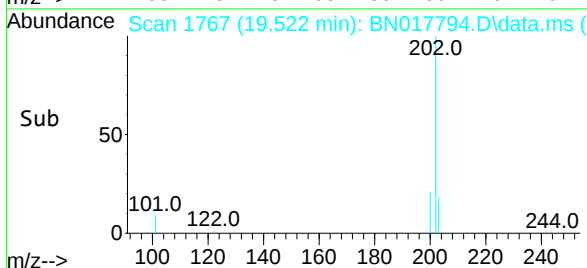
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

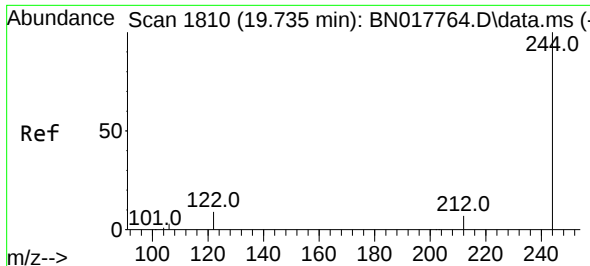


#30
Pyrene
Concen: 0.453 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017794.D
Acq: 08 Dec 2021 10:57



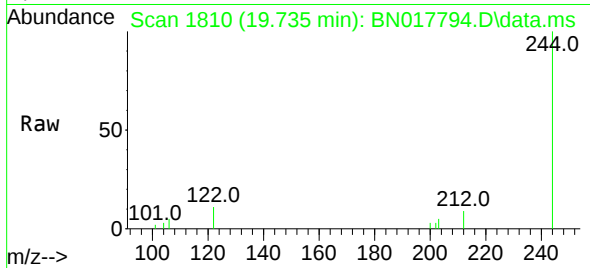
Tgt Ion:202 Resp: 147192
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 23.0 14.0 21.0#





#31
 Terphenyl-d14
 Concen: 0.589 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

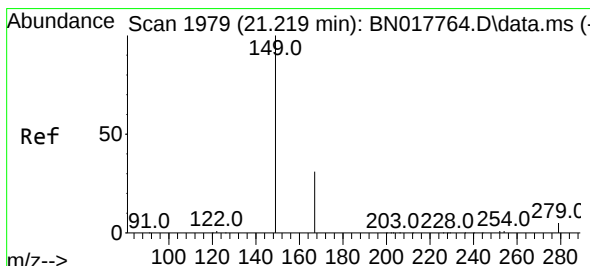
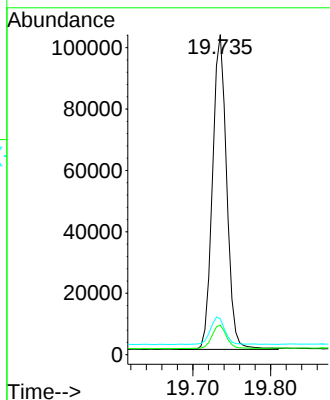
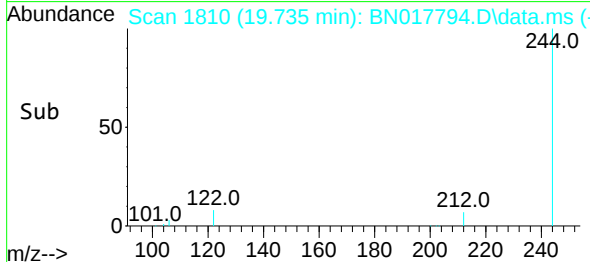
Instrument :
 BNA_N
 ClientSampleId :
 MW-44



Tgt Ion:244 Resp: 129645
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8
 122 11.2 7.1 10.7

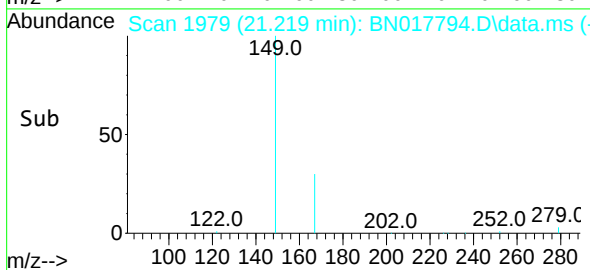
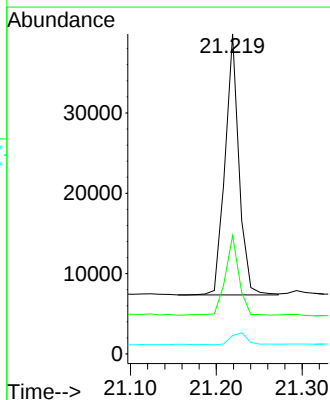
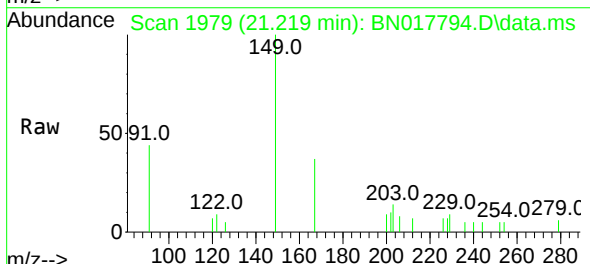
Manual Integrations
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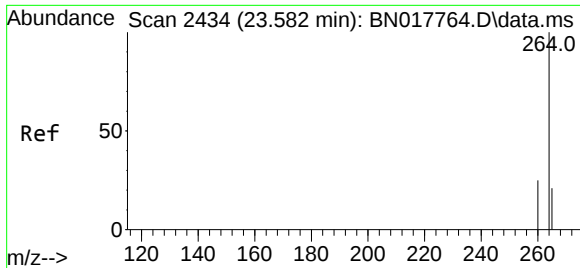
Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.257 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017794.D
 Acq: 08 Dec 2021 10:57

Tgt Ion:149 Resp: 36694
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.5 35.3
 279 5.7 3.8 5.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.589 min Scan# 24

Delta R.T. 0.007 min

Lab File: BN017794.D

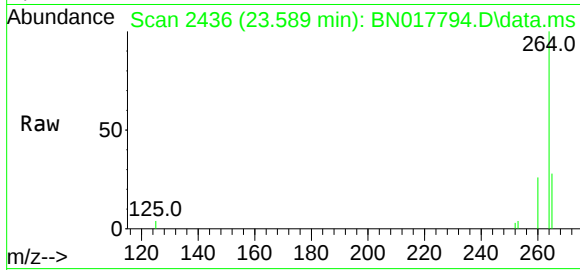
Acq: 08 Dec 2021 10:57

Instrument :

BNA_N

ClientSampleId :

MW-44



Tgt Ion:264 Resp: 98569

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 28.1 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/09/2021

Supervised By :mohammad ahmed 12/15/2021

