

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
 Data File : BN025310.D  
 Acq On : 06 May 2023 11:47  
 Operator : CG/JU  
 Sample : 02588-08  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ZONE-A-3-6-05022023

Quant Time: May 08 03:58:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 08 02:37:05 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023  
 Supervised By :Jagrut Upadhyay 05/08/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.911  | 152  | 6158     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.718 | 136  | 20980    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.555 | 164  | 13490    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.299 | 188  | 31642    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.500 | 240  | 28988    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.919 | 264  | 26466    | 0.400 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.470  | 112  | 5198     | 0.347 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.081  | 99   | 6862     | 0.365 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.084  | 82   | 5050     | 0.293 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.309 | 152  | 10488    | 0.366 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.045 | 330  | 2276     | 0.330 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 13.176 | 172  | 15762    | 0.341 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.334 | 212  | 24799    | 0.317 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.924 | 244  | 18562    | 0.318 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.333  | 93   | 370      | 0.022 | ng    | # 80     |
| 9) Naphthalene                | 10.771 | 128  | 21776    | 0.405 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.381 | 142  | 8873     | 0.233 | ng    | 99       |
| 16) Acenaphthylene            | 14.277 | 152  | 22993    | 0.381 | ng    | 99       |
| 17) Acenaphthene              | 14.609 | 154  | 6763     | 0.180 | ng    | 97       |
| 18) Fluorene                  | 15.603 | 166  | 11044    | 0.215 | ng    | # 95     |
| 25) Phenanthrene              | 17.336 | 178  | 201343   | 2.300 | ng    | 100      |
| 26) Anthracene                | 17.435 | 178  | 41915    | 0.511 | ng    | 99       |
| 28) Fluoranthene              | 19.363 | 202  | 495669   | 4.531 | ng    | 99       |
| 30) Pyrene                    | 19.726 | 202  | 447997   | 4.521 | ng    | 96       |
| 32) Benzo(a)anthracene        | 21.482 | 228  | 234358   | 2.392 | ng    | 99       |
| 33) Chrysene                  | 21.536 | 228  | 257564   | 2.641 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.392 | 149  | 25493    | 0.332 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.433 | 276  | 120493   | 1.136 | ng    | 95       |
| 37) Benzo(b)fluoranthene      | 23.185 | 252  | 320145   | 3.816 | ng    | 94       |
| 38) Benzo(k)fluoranthene      | 23.226 | 252  | 106610m  | 1.214 | ng    |          |
| 39) Benzo(a)pyrene            | 23.811 | 252  | 217205m  | 2.527 | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 26.442 | 278  | 30027    | 0.358 | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 27.211 | 276  | 114598   | 1.245 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

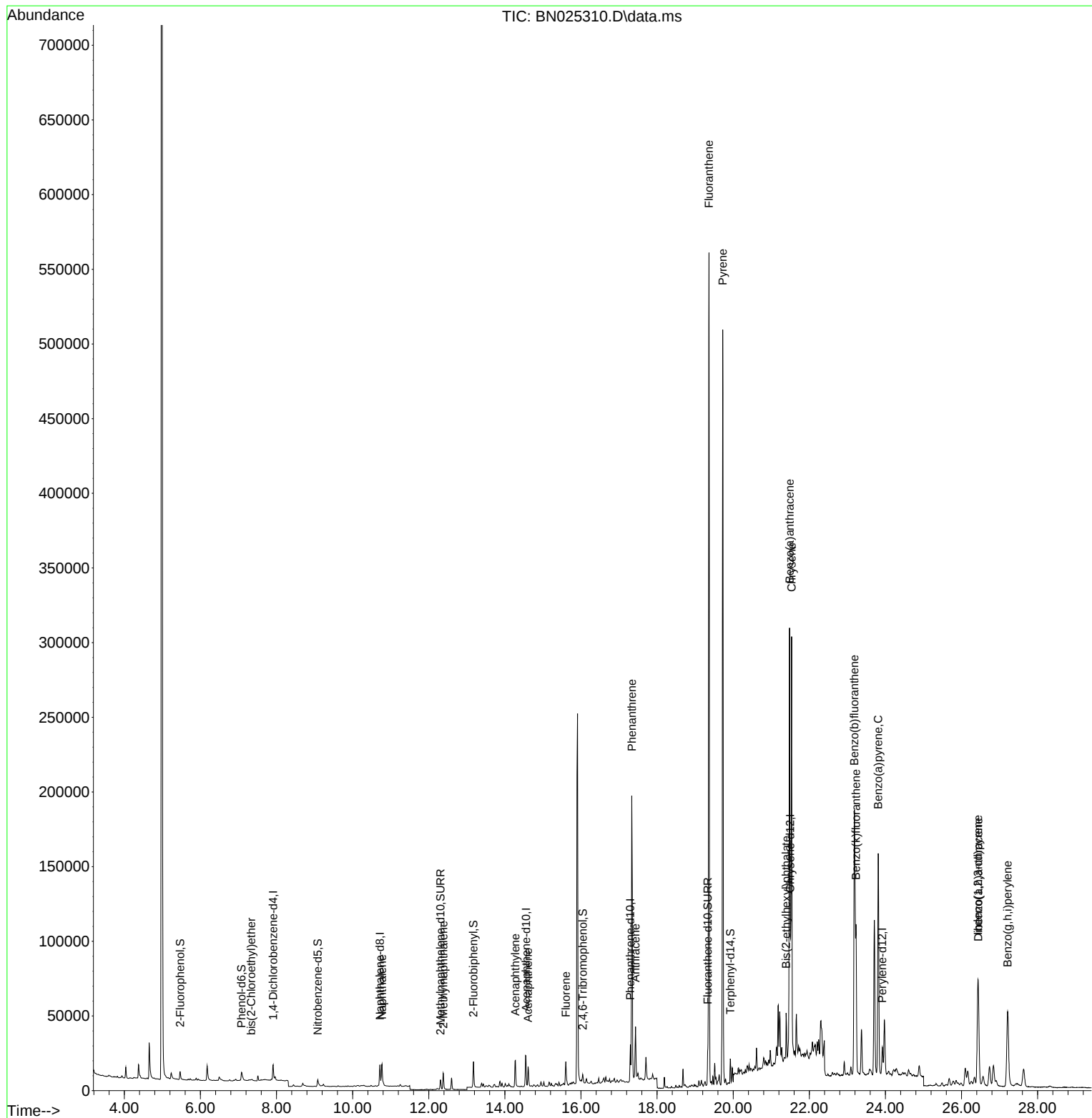
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
Data File : BN025310.D  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Manual Integrations  
APPROVED

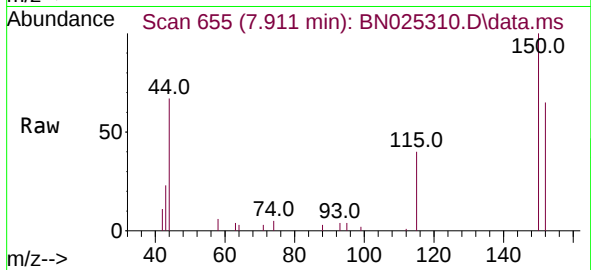
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.911 min Scan# 615  
Delta R.T. 0.000 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

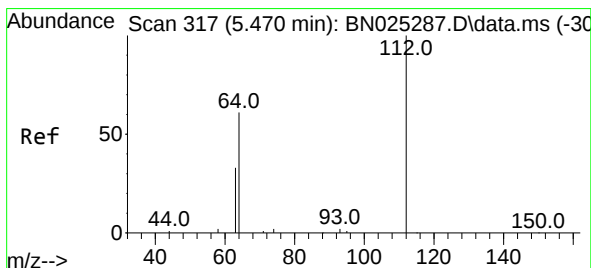
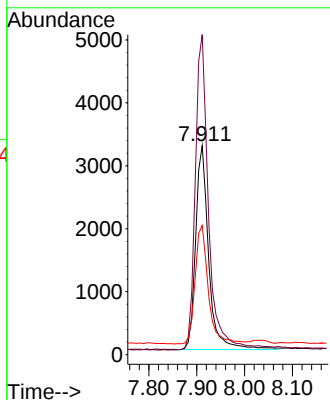
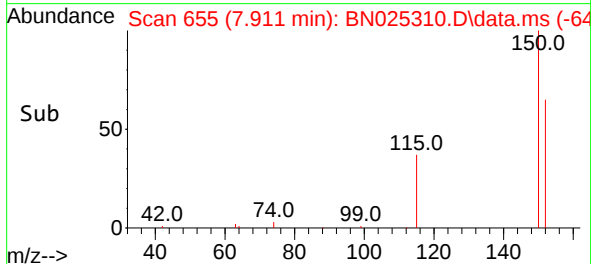
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:152 Resp: 615  
Ion Ratio Lower Upper  
152 100  
150 153.1 123.8 185.8  
115 61.7 52.9 79.3

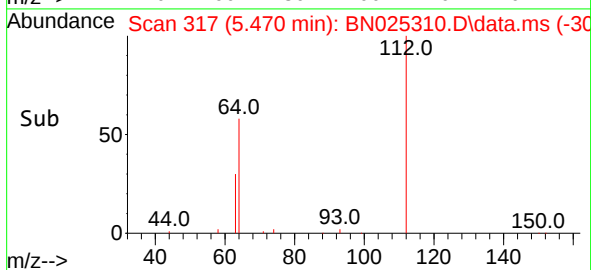
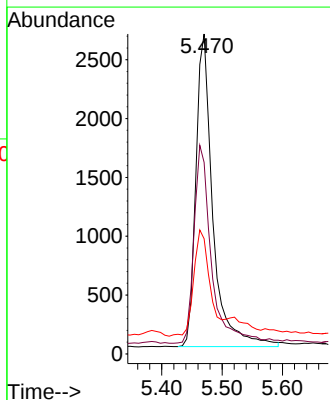
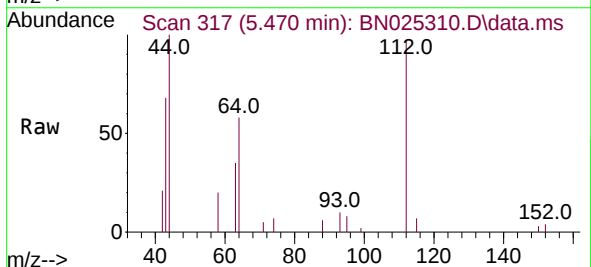
Manual Integrations  
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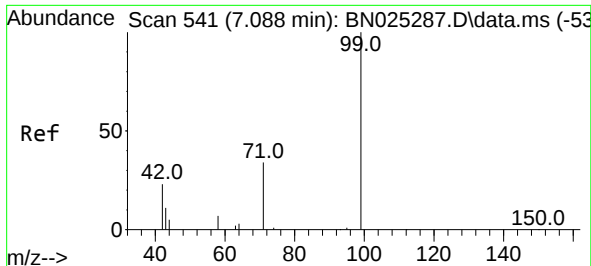
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#4  
2-Fluorophenol  
Concen: 0.347 ng  
RT: 5.470 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

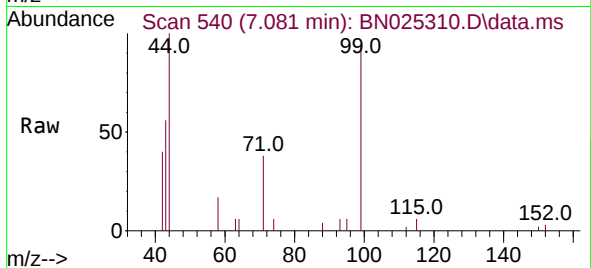
Tgt Ion:112 Resp: 5198  
Ion Ratio Lower Upper  
112 100  
64 64.4 51.5 77.3  
63 32.2 27.8 41.6





#5  
Phenol-d6  
Concen: 0.365 ng  
RT: 7.081 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

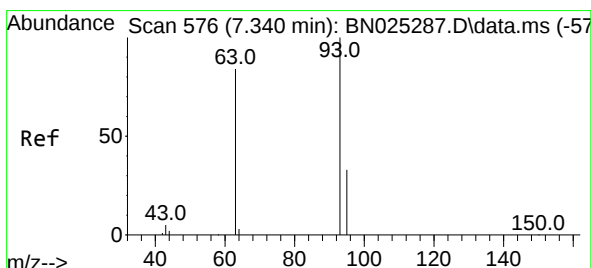
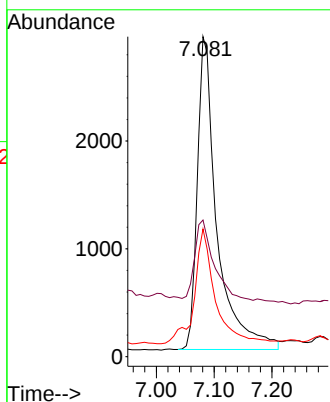
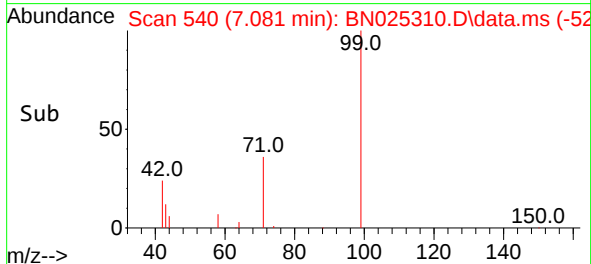
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion: 99 Resp: 686  
Ion Ratio Lower Upper  
99 100  
42 25.0 22.0 33.0  
71 39.0 28.7 43.1

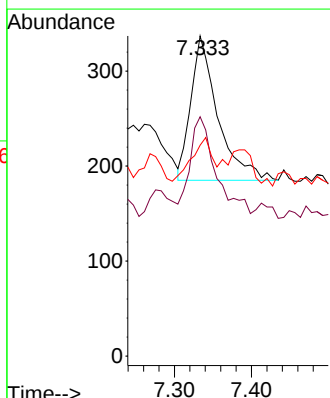
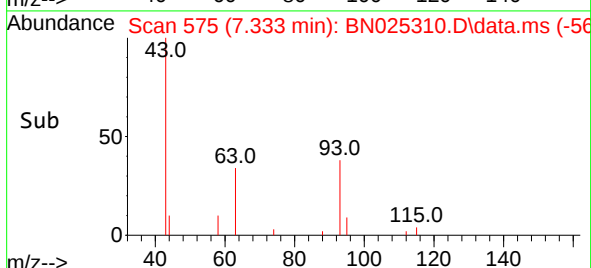
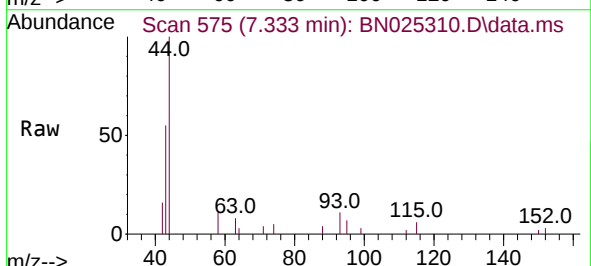
Manual Integrations  
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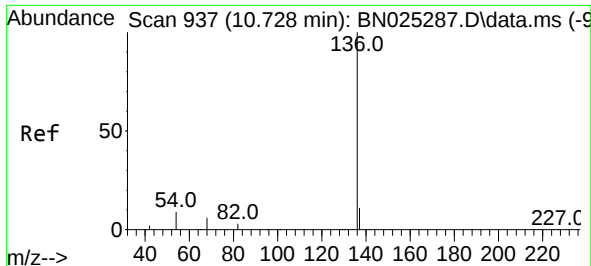
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#6  
bis(2-Chloroethyl)ether  
Concen: 0.022 ng  
RT: 7.333 min Scan# 575  
Delta R.T. -0.007 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

Tgt Ion: 93 Resp: 370  
Ion Ratio Lower Upper  
93 100  
63 65.9 67.8 101.6#  
95 23.5 26.7 40.1#





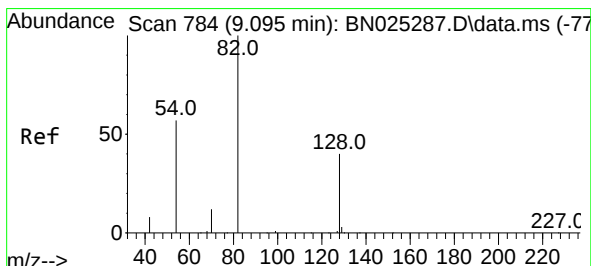
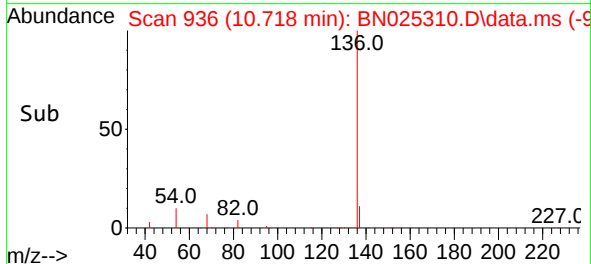
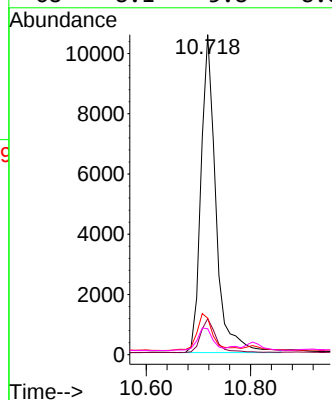
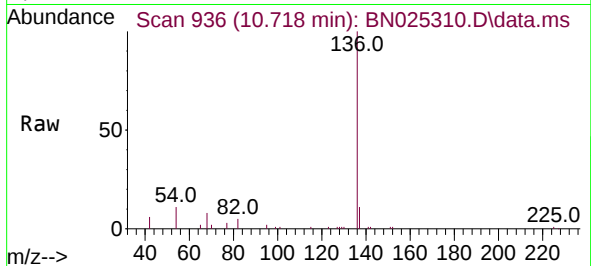
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.718 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

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BNA\_N  
ClientSampleId :  
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|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 20980    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 9.4 14.2 |
| 54          | 11.4  | 8.5 12.7 |
| 68          | 8.1   | 5.8 8.8  |

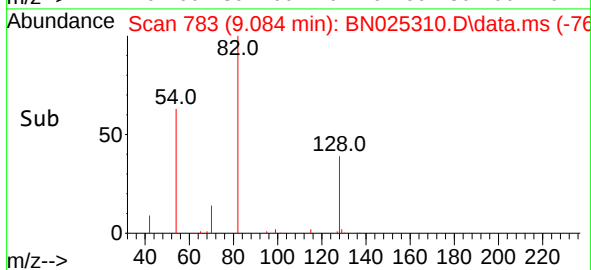
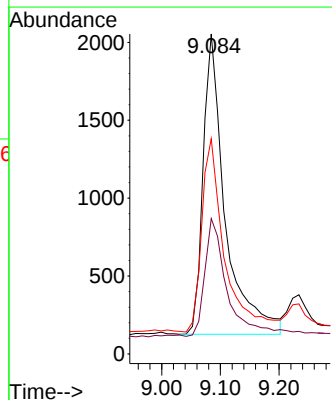
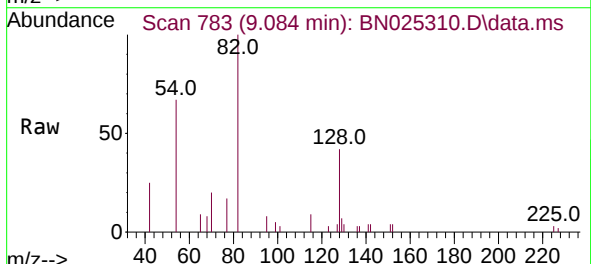
Manual Integrations  
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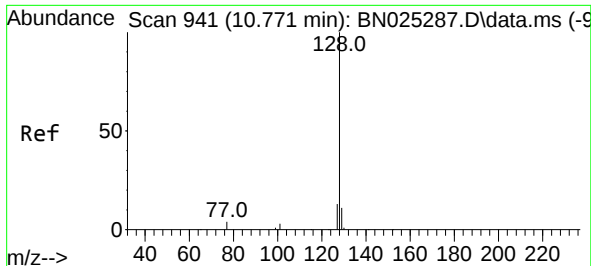
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#8  
Nitrobenzene-d5  
Concen: 0.293 ng  
RT: 9.084 min Scan# 783  
Delta R.T. -0.011 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 5050      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 42.3  | 35.3 52.9 |
| 54          | 67.2  | 48.7 73.1 |





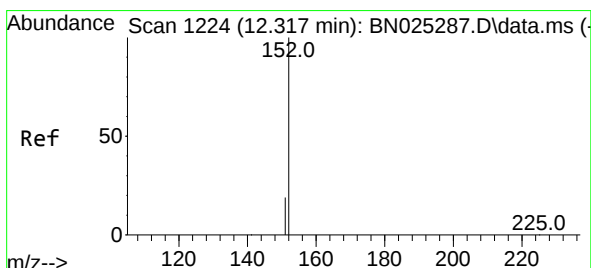
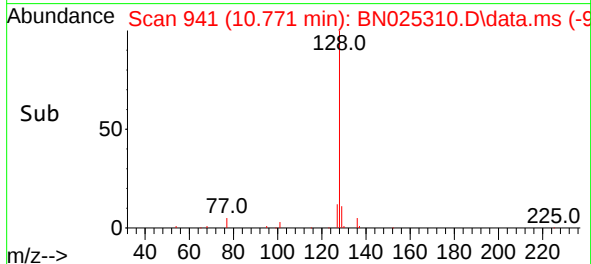
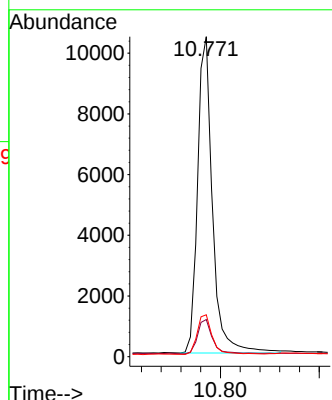
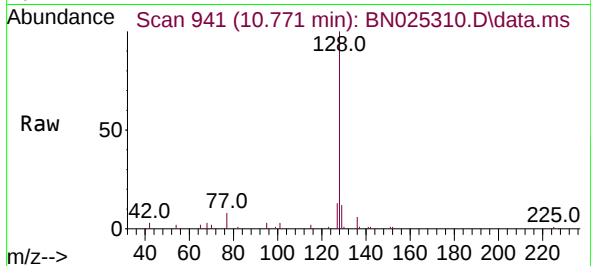
#9  
Naphthalene  
Concen: 0.405 ng  
RT: 10.771 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023

Tgt Ion:128 Resp: 21770  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.4 14.2  
127 13.1 11.0 16.6

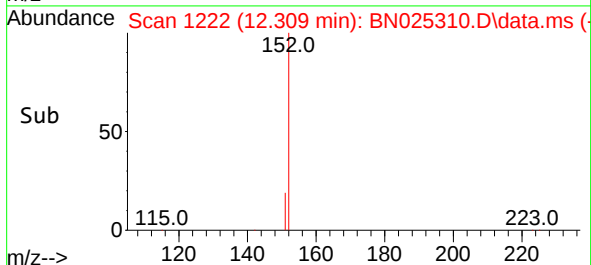
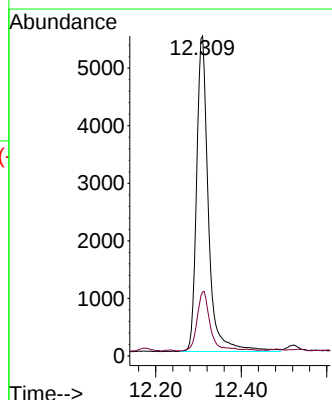
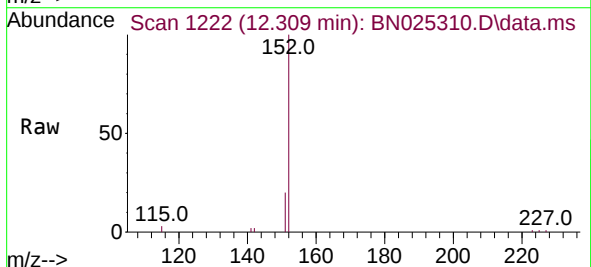
Manual Integrations  
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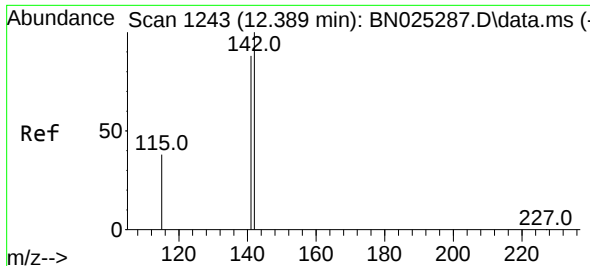
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#11  
2-Methylnaphthalene-d10  
Concen: 0.366 ng  
RT: 12.309 min Scan# 1222  
Delta R.T. -0.007 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

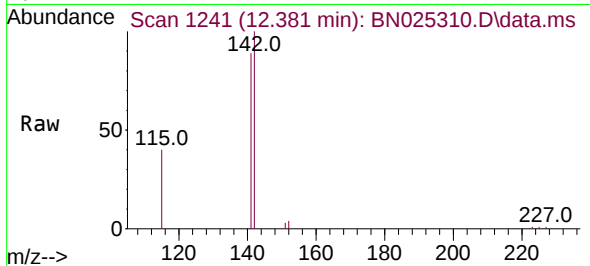
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Ion Ratio Lower Upper  
152 100  
151 21.0 16.4 24.6





#12  
2-Methylnaphthalene  
Concen: 0.233 ng  
RT: 12.381 min Scan# 1241  
Delta R.T. -0.007 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

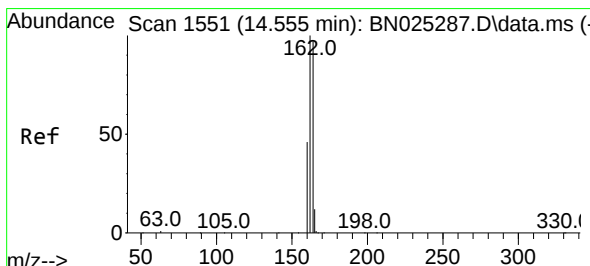
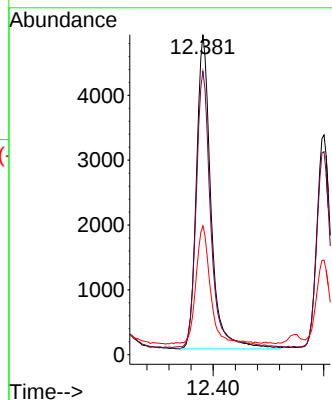
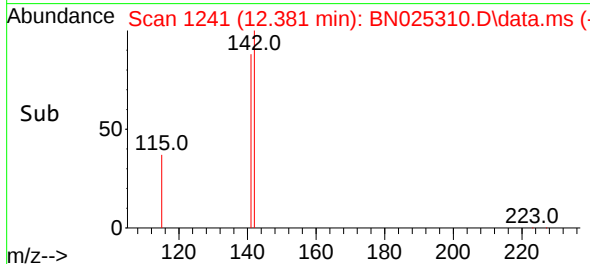
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:142 Resp: 887  
Ion Ratio Lower Upper  
142 100  
141 88.6 70.5 105.7  
115 40.3 31.6 47.4

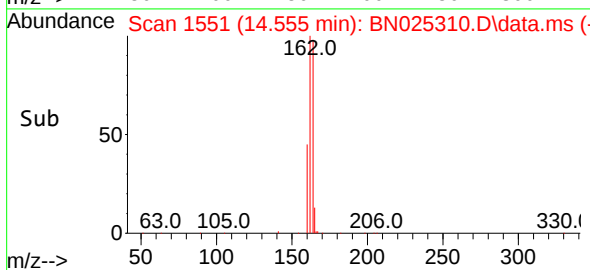
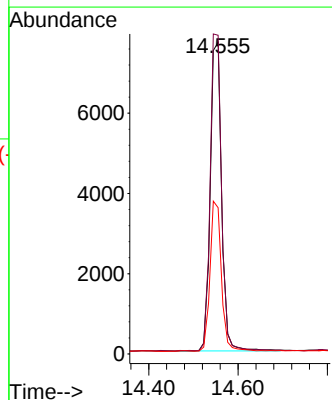
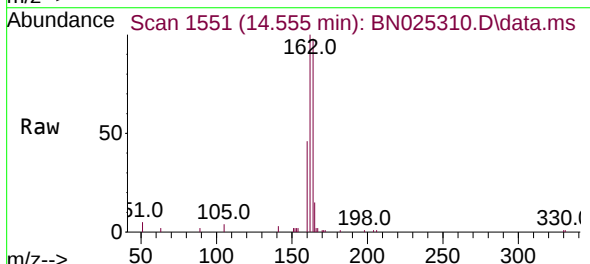
Manual Integrations  
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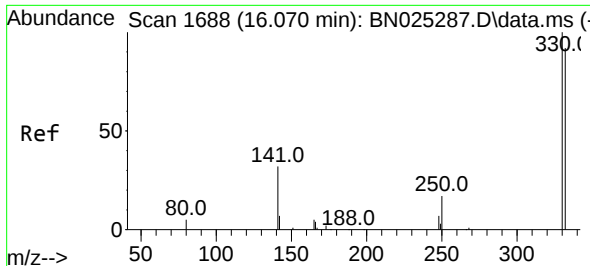
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.555 min Scan# 1551  
Delta R.T. 0.000 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

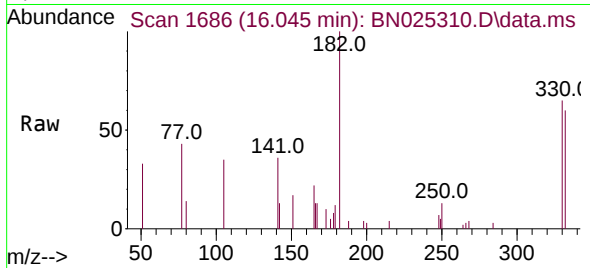
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Ion Ratio Lower Upper  
164 100  
162 102.3 82.1 123.1  
160 47.0 38.3 57.5





#14  
2,4,6-Tribromophenol  
Concen: 0.330 ng  
RT: 16.045 min Scan# 1688  
Delta R.T. -0.025 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

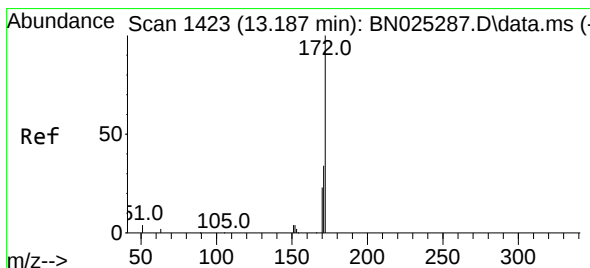
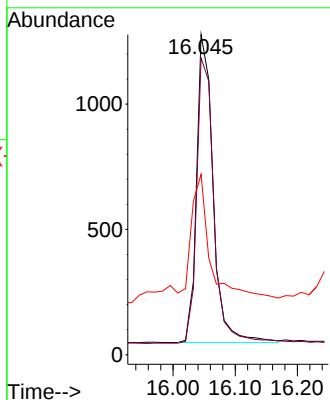
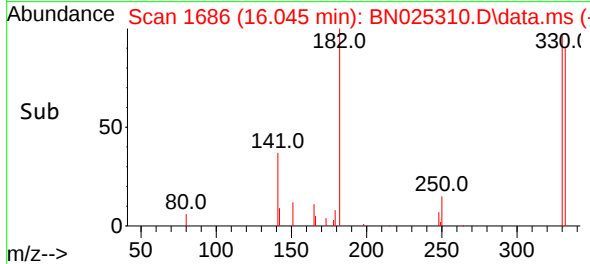
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:330 Resp: 2270  
Ion Ratio Lower Upper  
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332 96.2 77.4 116.0  
141 43.5 28.9 43.3

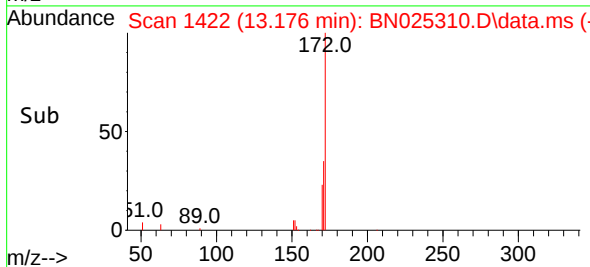
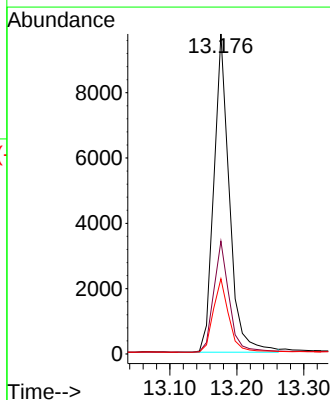
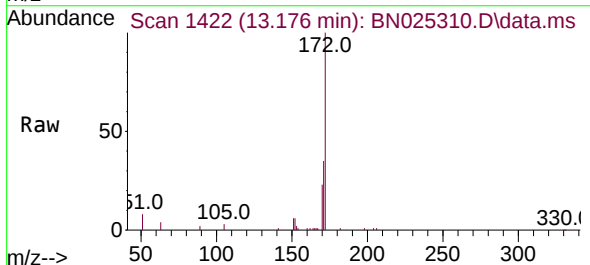
Manual Integrations  
APPROVED

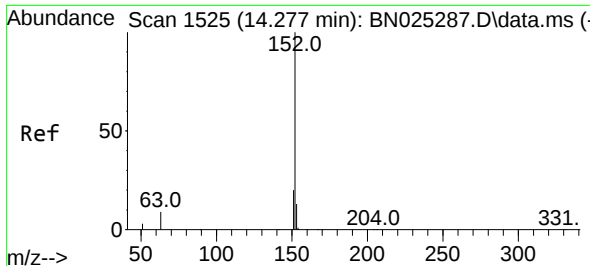
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#15  
2-Fluorobiphenyl  
Concen: 0.341 ng  
RT: 13.176 min Scan# 1422  
Delta R.T. -0.011 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

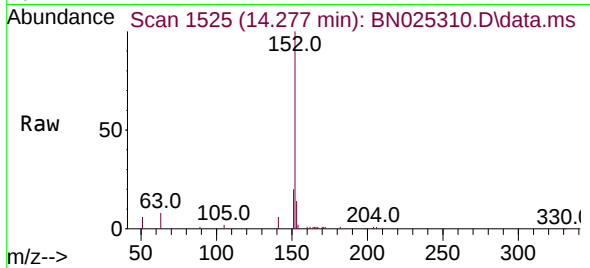
Tgt Ion:172 Resp: 15762  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 23.5 19.0 28.4





#16  
Acenaphthylene  
Concen: 0.381 ng  
RT: 14.277 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

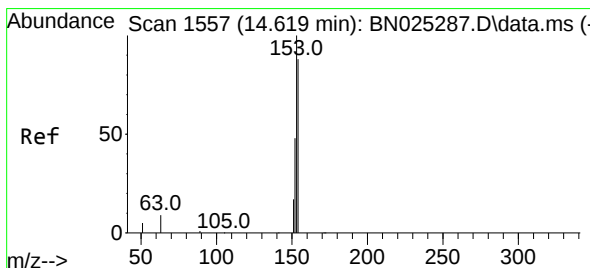
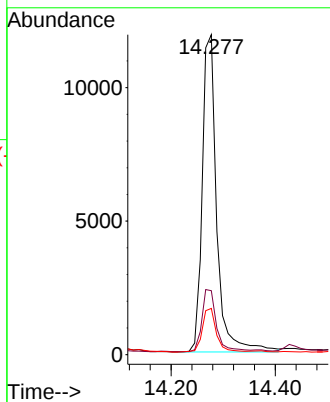
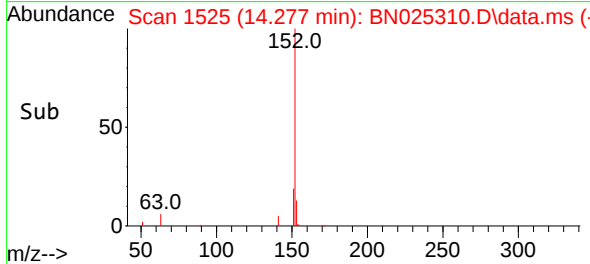
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



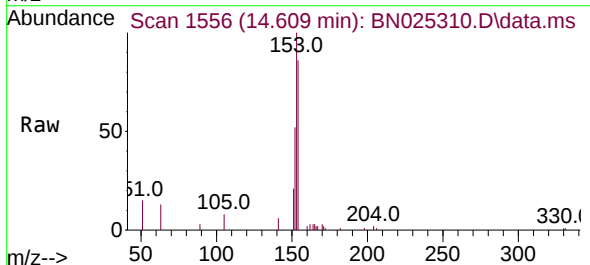
Tgt Ion:152 Resp: 2299  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1  
153 13.4 10.3 15.5

Manual Integrations  
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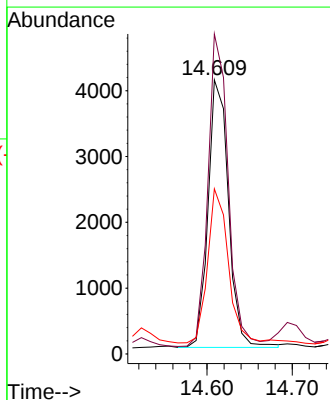
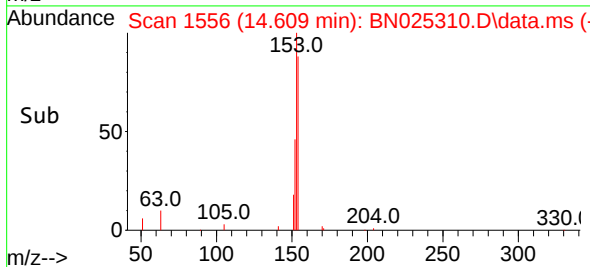
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

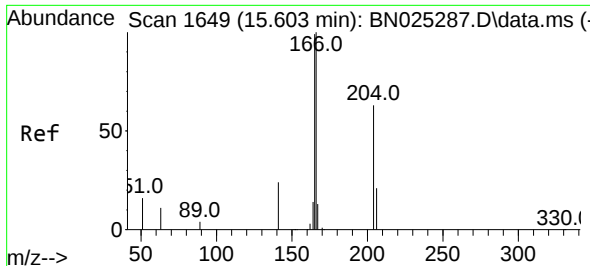


#17  
Acenaphthene  
Concen: 0.180 ng  
RT: 14.609 min Scan# 1556  
Delta R.T. -0.011 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47



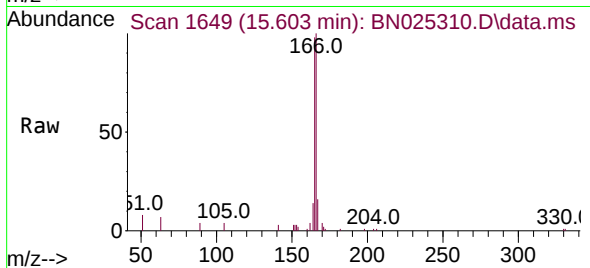
Tgt Ion:154 Resp: 6763  
Ion Ratio Lower Upper  
154 100  
153 115.7 91.3 136.9  
152 60.8 44.7 67.1





#18  
Fluorene  
Concen: 0.215 ng  
RT: 15.603 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

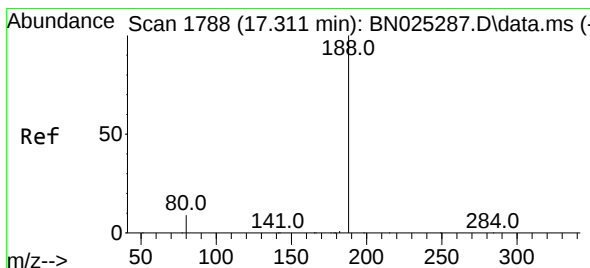
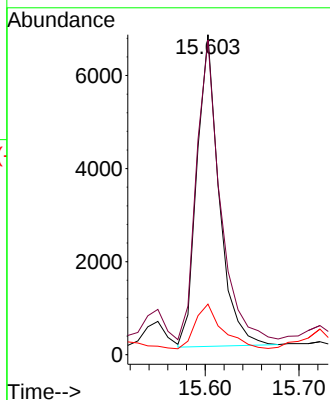
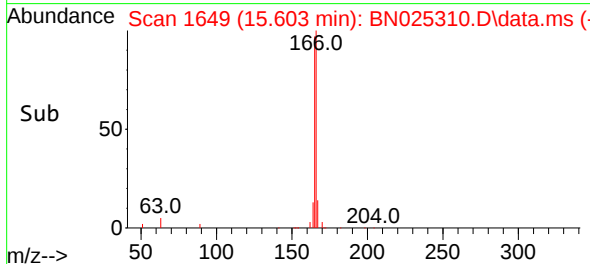
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:166 Resp: 11044  
Ion Ratio Lower Upper  
166 100  
165 102.5 79.0 118.4  
167 17.6 10.3 15.5

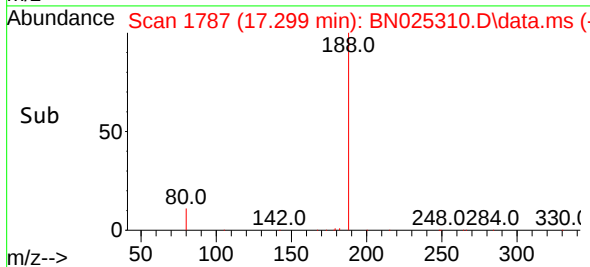
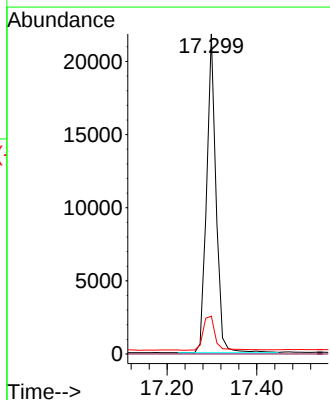
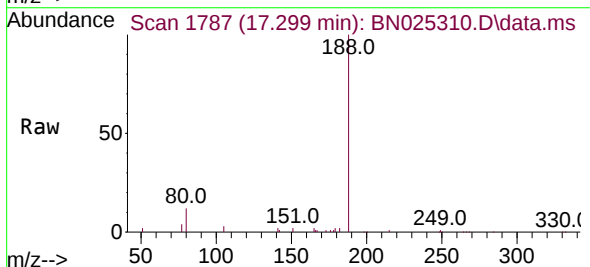
Manual Integrations  
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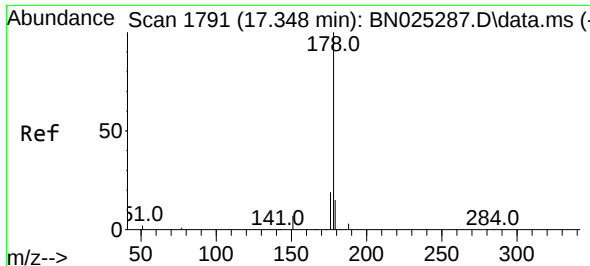
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.299 min Scan# 1787  
Delta R.T. -0.012 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

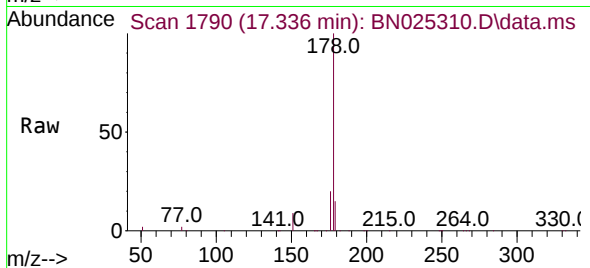
Tgt Ion:188 Resp: 31642  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.8 8.0 12.0





#25  
Phenanthrene  
Concen: 2.300 ng  
RT: 17.336 min Scan# 1790  
Delta R.T. -0.012 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

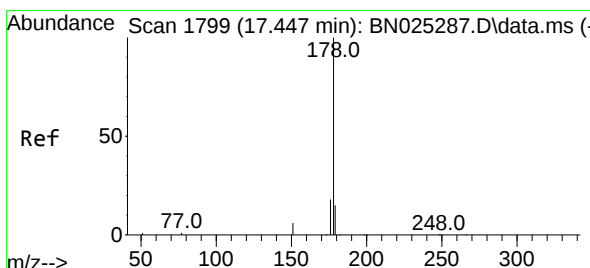
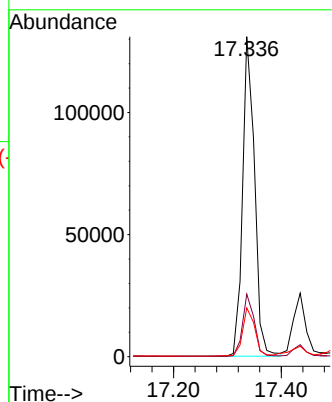
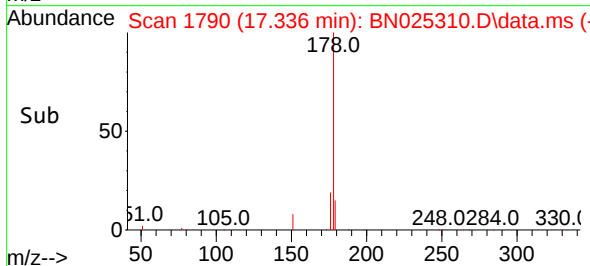
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



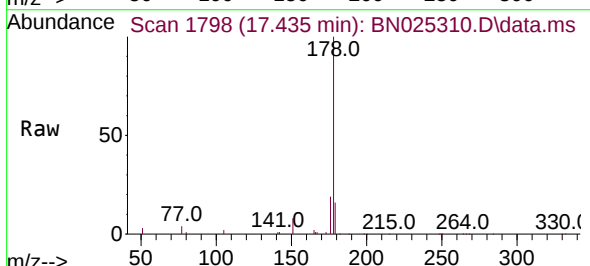
Tgt Ion:178 Resp: 20134  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.5 23.3  
179 15.4 12.4 18.6

Manual Integrations  
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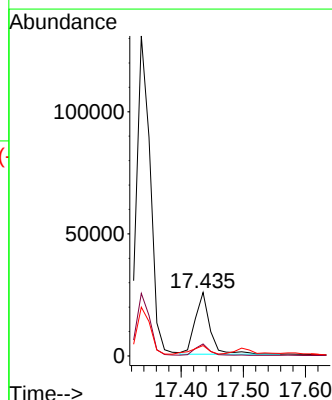
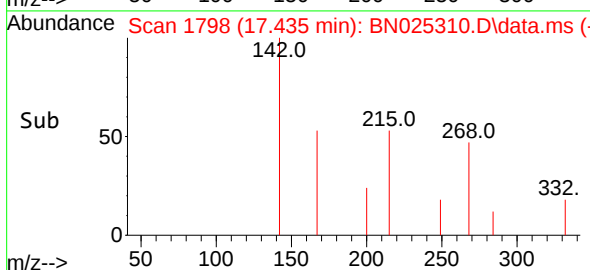
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

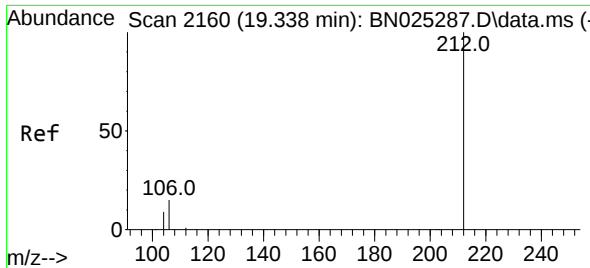


#26  
Anthracene  
Concen: 0.511 ng  
RT: 17.435 min Scan# 1798  
Delta R.T. -0.012 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47



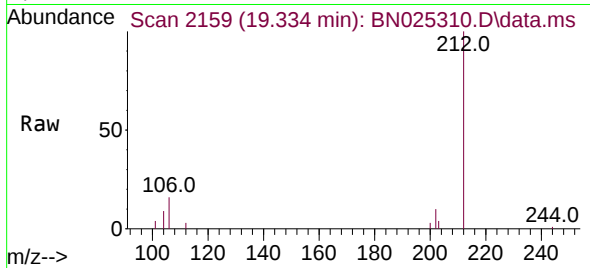
Tgt Ion:178 Resp: 41915  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.9 22.3  
179 15.2 12.0 18.0





#27  
Fluoranthene-d10  
Concen: 0.317 ng  
RT: 19.334 min Scan# 2159  
Delta R.T. -0.004 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

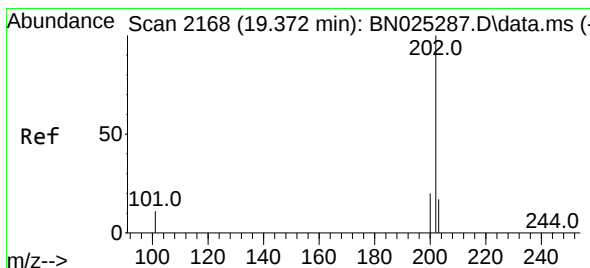
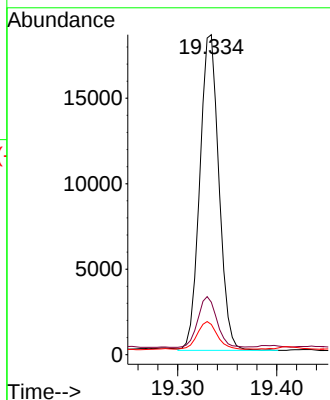
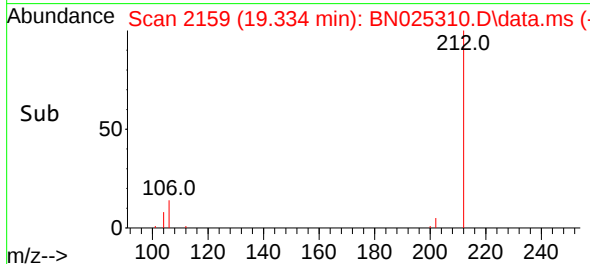
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:212 Resp: 24799  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.6 19.0  
104 9.3 7.0 10.6

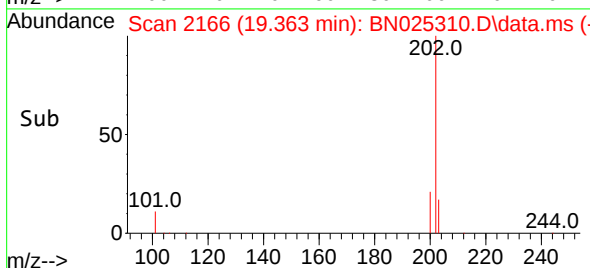
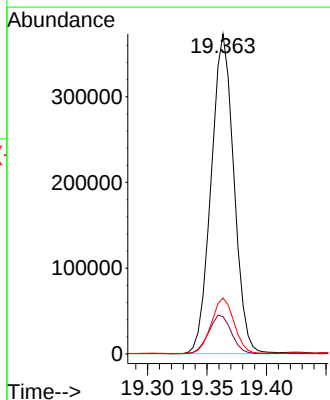
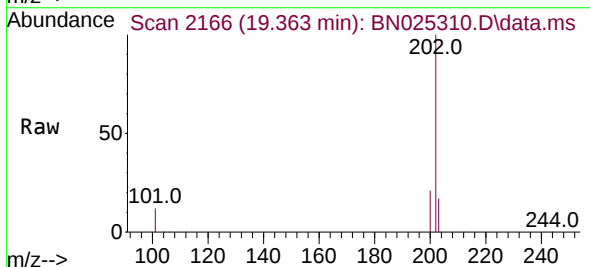
Manual Integrations  
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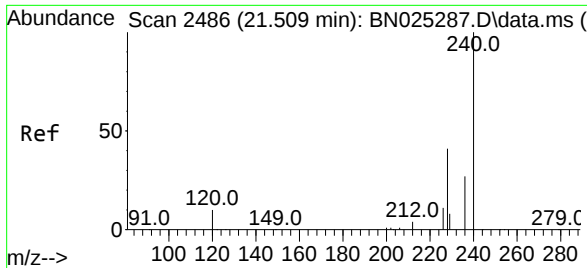
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#28  
Fluoranthene  
Concen: 4.531 ng  
RT: 19.363 min Scan# 2166  
Delta R.T. -0.008 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

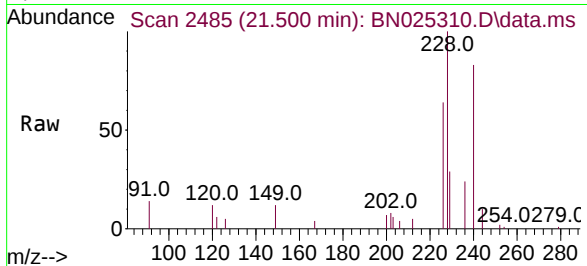
Tgt Ion:202 Resp: 495669  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.8 14.8  
203 17.4 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.500 min Scan# 2486  
Delta R.T. -0.009 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

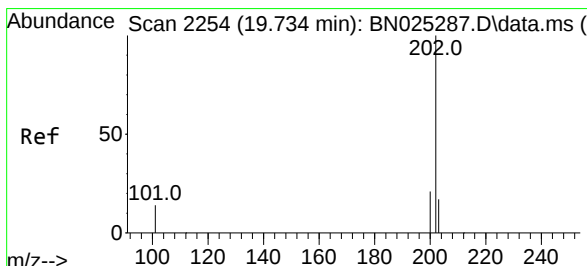
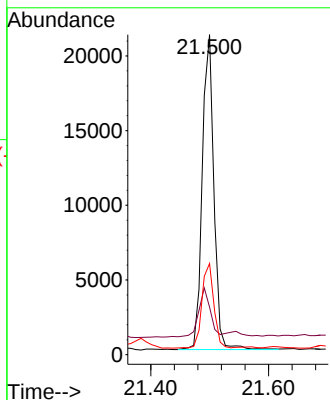
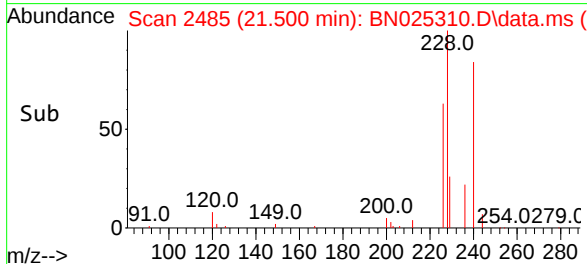
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:240 Resp: 2898  
Ion Ratio Lower Upper  
240 100  
120 14.8 10.3 15.5  
236 28.5 22.3 33.5

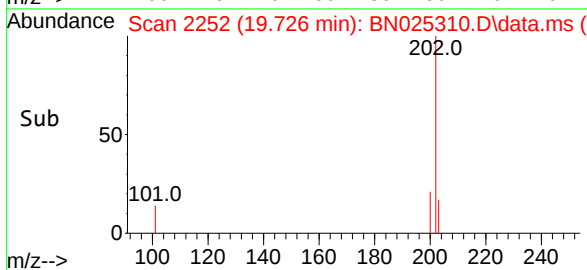
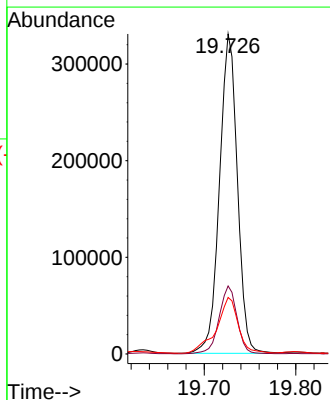
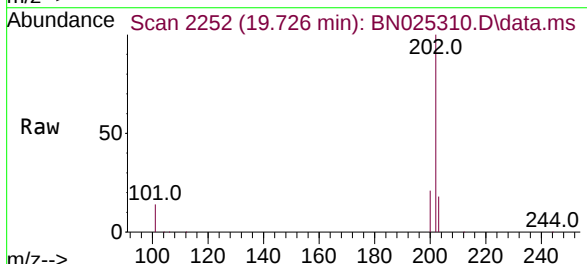
Manual Integrations  
APPROVED

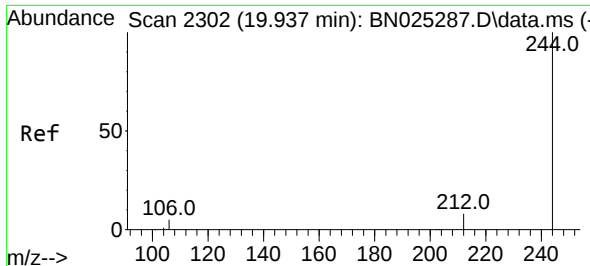
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#30  
Pyrene  
Concen: 4.521 ng  
RT: 19.726 min Scan# 2252  
Delta R.T. -0.008 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

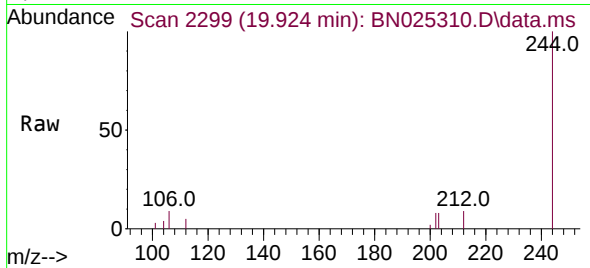
Tgt Ion:202 Resp: 447997  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 21.2 14.4 21.6





#31  
Terphenyl-d14  
Concen: 0.318 ng  
RT: 19.924 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

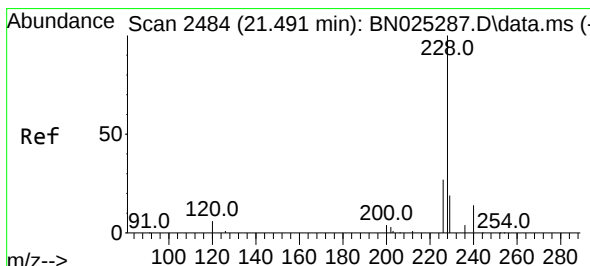
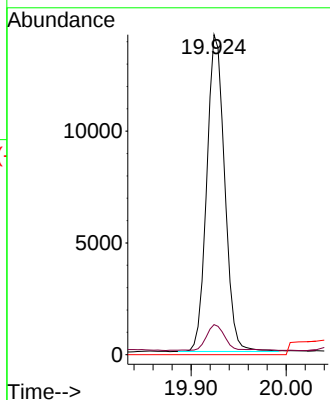
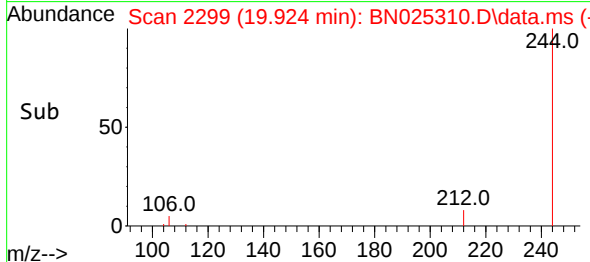
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:244 Resp: 1856  
Ion Ratio Lower Upper  
244 100  
212 9.4 7.1 10.7  
122 0.0 0.0 0.0

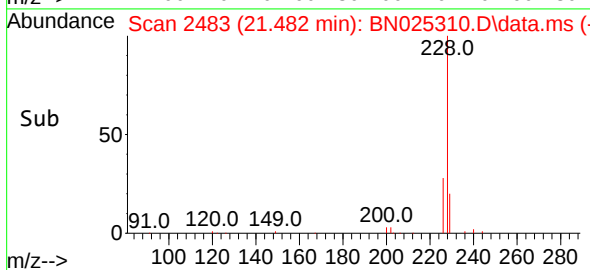
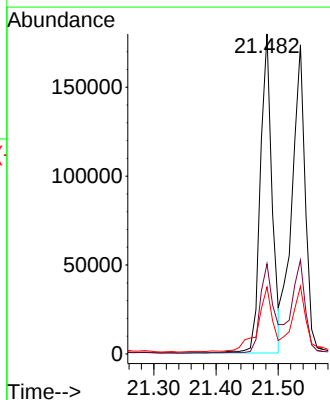
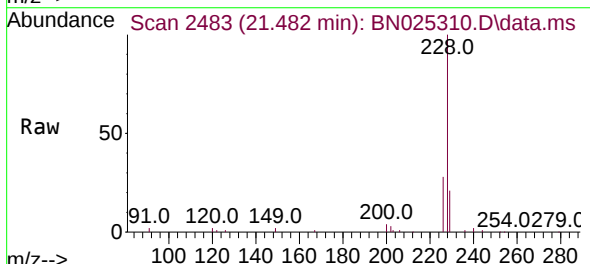
Manual Integrations  
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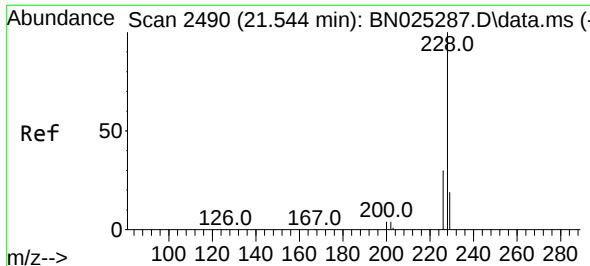
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#32  
Benzo(a)anthracene  
Concen: 2.392 ng  
RT: 21.482 min Scan# 2483  
Delta R.T. -0.009 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

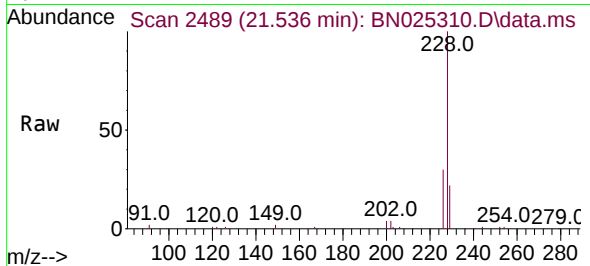
Tgt Ion:228 Resp: 234358  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.5 33.7  
229 21.0 16.2 24.2





#33  
Chrysene  
Concen: 2.641 ng  
RT: 21.536 min Scan# 2489  
Delta R.T. -0.009 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

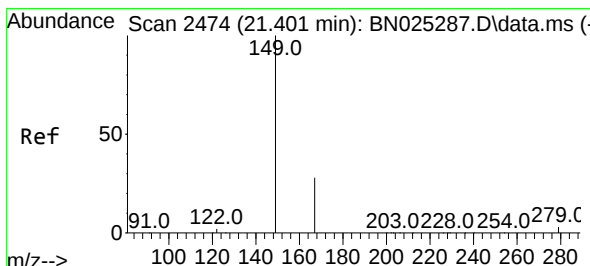
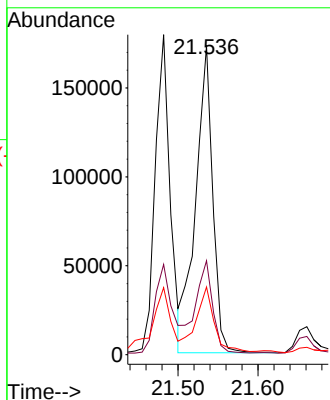
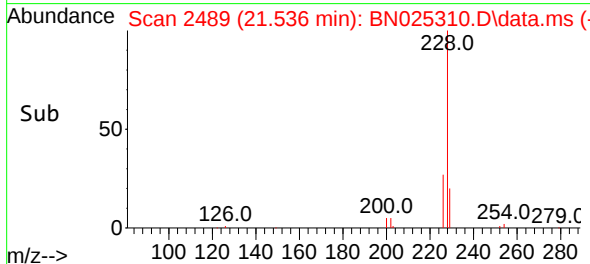
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



Tgt Ion:228 Resp: 257564  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.6 36.8  
229 21.9 16.2 24.4

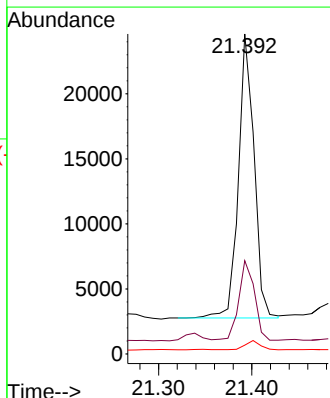
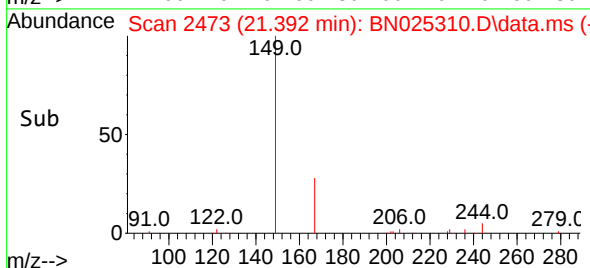
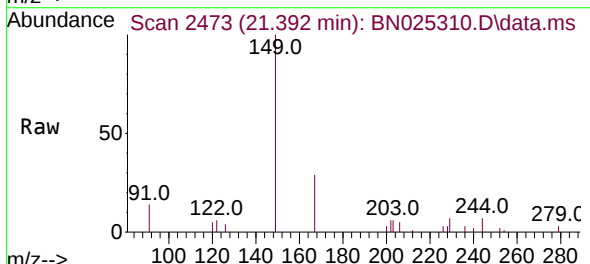
Manual Integrations  
APPROVED

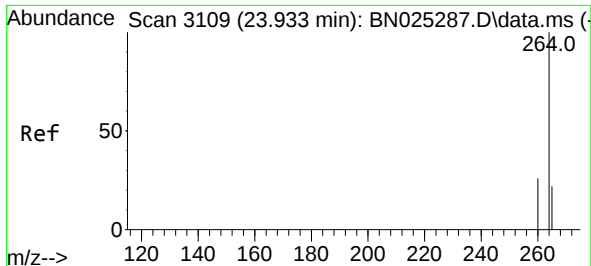
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.332 ng  
RT: 21.392 min Scan# 2473  
Delta R.T. -0.009 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

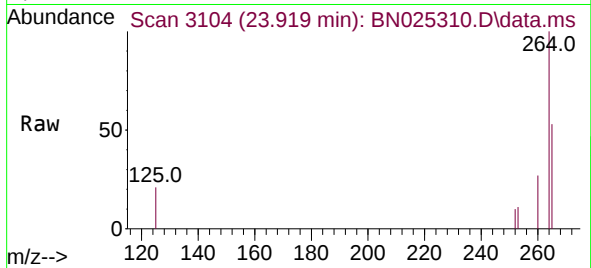
Tgt Ion:149 Resp: 25493  
Ion Ratio Lower Upper  
149 100  
167 28.2 22.2 33.4  
279 3.0 2.6 4.0





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.919 min Scan# 3104  
 Delta R.T. -0.014 min  
 Lab File: BN025310.D  
 Acq: 06 May 2023 11:47

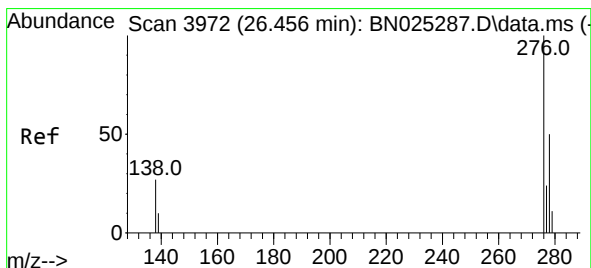
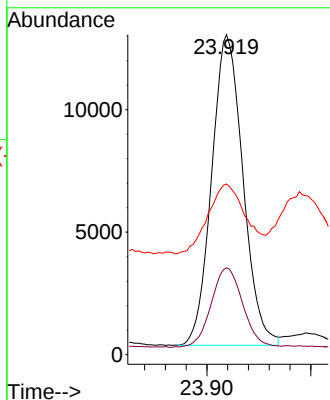
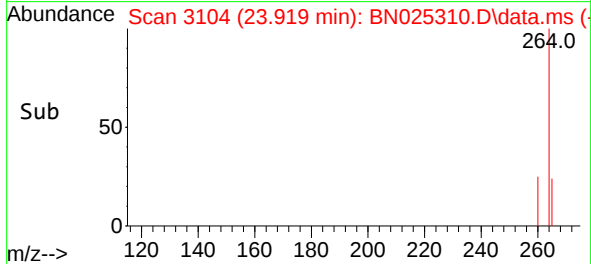
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ZONE-A-3-6-05022023



Tgt Ion:264 Resp: 26460  
 Ion Ratio Lower Upper  
 264 100  
 260 27.2 21.5 32.3  
 265 53.4 46.2 69.4

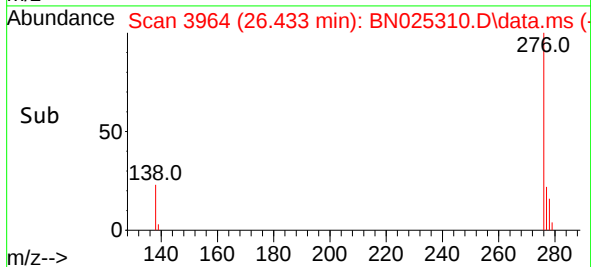
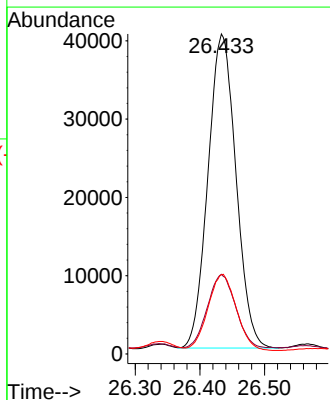
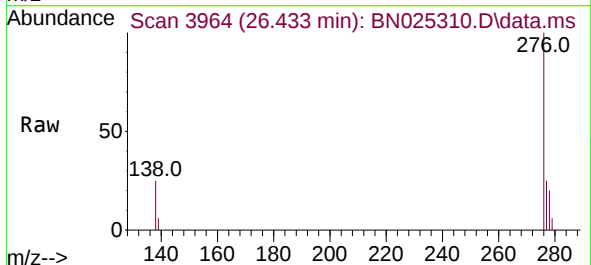
Manual Integrations  
 APPROVED

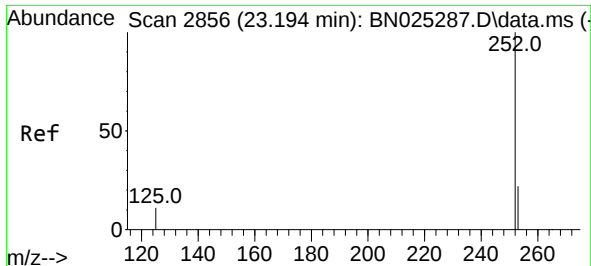
Reviewed By :Christian Giraldo 05/08/2023  
 Supervised By :Jagrut Upadhyay 05/08/2023



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.136 ng  
 RT: 26.433 min Scan# 3964  
 Delta R.T. -0.023 min  
 Lab File: BN025310.D  
 Acq: 06 May 2023 11:47

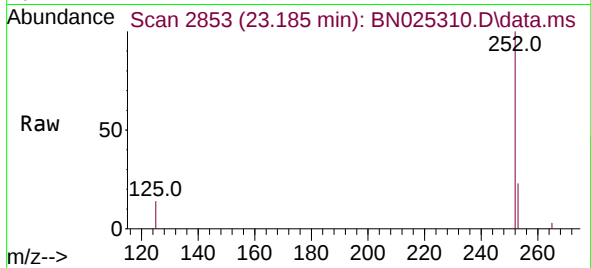
Tgt Ion:276 Resp: 120493  
 Ion Ratio Lower Upper  
 276 100  
 138 23.4 22.5 33.7  
 277 24.6 19.8 29.6





#37  
Benzo(b)fluoranthene  
Concen: 3.816 ng  
RT: 23.185 min Scan# 2853  
Delta R.T. -0.009 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47

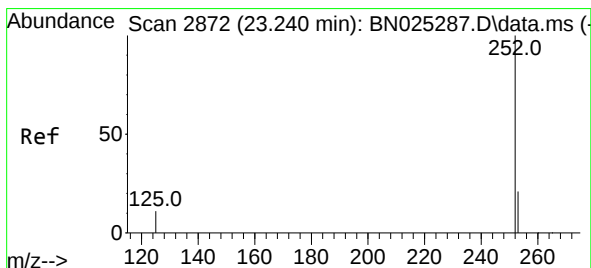
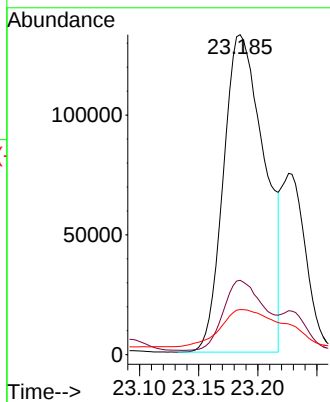
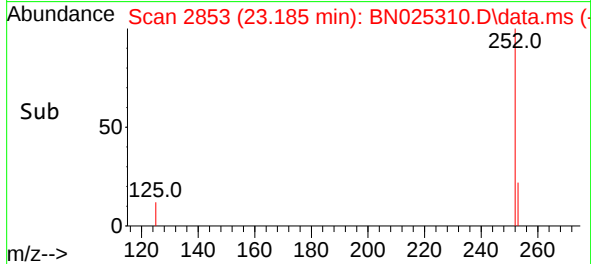
Instrument :  
BNA\_N  
ClientSampleId :  
ZONE-A-3-6-05022023



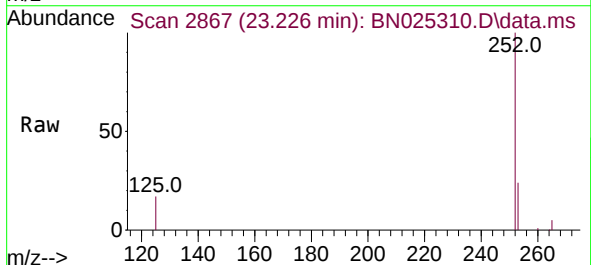
Tgt Ion:252 Resp: 320145  
Ion Ratio Lower Upper  
252 100  
253 23.2 20.8 31.2  
125 14.1 13.4 20.2

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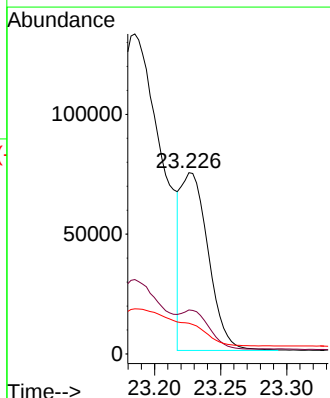
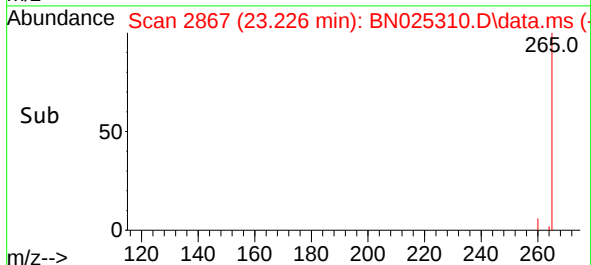
Reviewed By :Christian Giraldo 05/08/2023  
Supervised By :Jagrut Upadhyay 05/08/2023

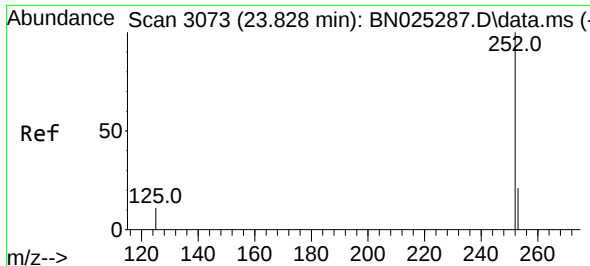


#38  
Benzo(k)fluoranthene  
Concen: 1.214 ng m  
RT: 23.226 min Scan# 2867  
Delta R.T. -0.014 min  
Lab File: BN025310.D  
Acq: 06 May 2023 11:47



Tgt Ion:252 Resp: 106610  
Ion Ratio Lower Upper  
252 100  
253 24.3 20.6 30.8  
125 17.0 13.1 19.7





#39

Benzo(a)pyrene

Concen: 2.527 ng m

RT: 23.811 min Scan# 3073

Delta R.T. -0.017 min

Lab File: BN025310.D

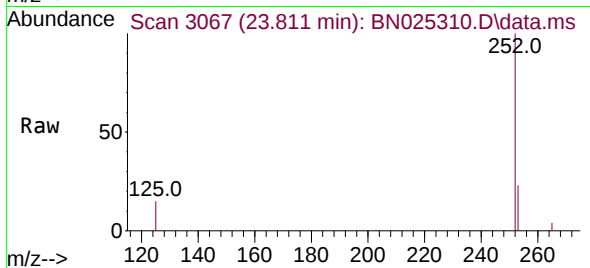
Acq: 06 May 2023 11:47

Instrument :

BNA\_N

ClientSampleId :

ZONE-A-3-6-05022023



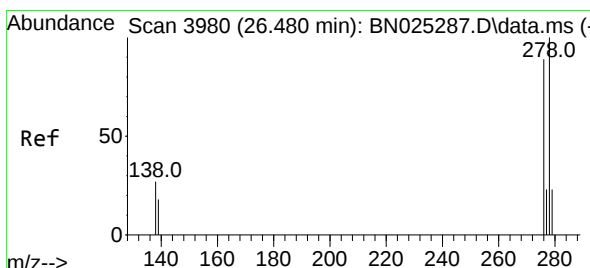
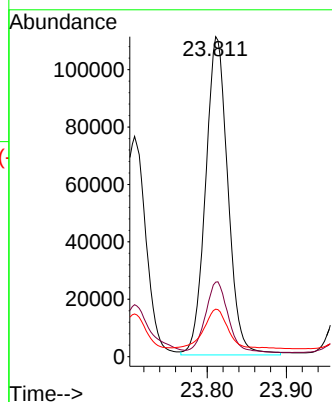
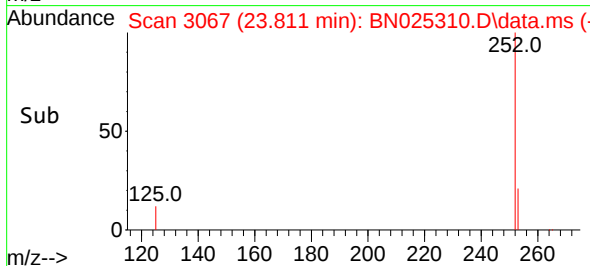
|             |       |       |      |
|-------------|-------|-------|------|
| Tgt Ion:252 | Resp: | 21720 |      |
| Ion Ratio   | Lower | Upper |      |
| 252         | 100   |       |      |
| 253         | 23.3  | 21.4  | 32.0 |
| 125         | 14.9  | 15.4  | 23.2 |

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Supervised By :Jagrut Upadhyay 05/08/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.358 ng

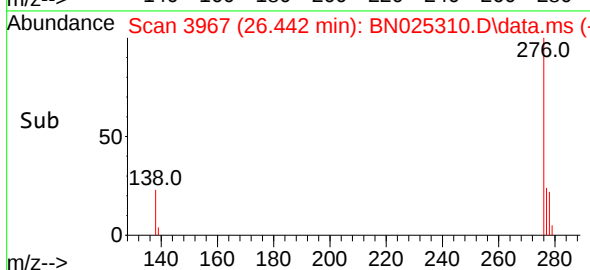
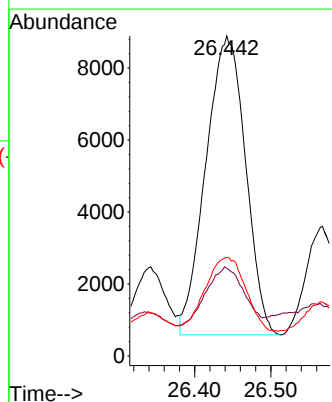
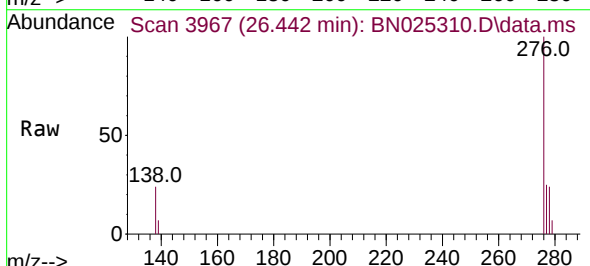
RT: 26.442 min Scan# 3967

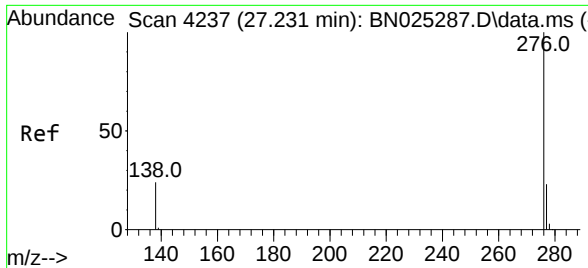
Delta R.T. -0.038 min

Lab File: BN025310.D

Acq: 06 May 2023 11:47

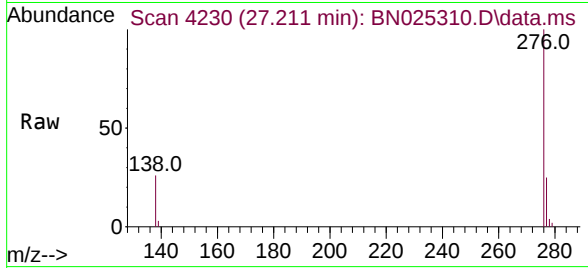
|             |       |       |      |
|-------------|-------|-------|------|
| Tgt Ion:278 | Resp: | 30027 |      |
| Ion Ratio   | Lower | Upper |      |
| 278         | 100   |       |      |
| 139         | 27.5  | 17.6  | 26.4 |
| 279         | 30.8  | 21.6  | 32.4 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 1.245 ng  
 RT: 27.211 min Scan# 41  
 Delta R.T. -0.020 min  
 Lab File: BN025310.D  
 Acq: 06 May 2023 11:47

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ZONE-A-3-6-05022023



Tgt Ion:276 Resp: 114598  
 Ion Ratio Lower Upper  
 276 100  
 277 24.7 20.1 30.1  
 138 25.6 21.0 31.6

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023  
 Supervised By :Jagrut Upadhyay 05/08/2023

