

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
 Data File : BN020654.D  
 Acq On : 03 Jul 2022 08:07  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022  
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 04 02:41:26 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.826  | 152  | 4321     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.616 | 136  | 13137    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7352     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 15428    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.431 | 240  | 11730    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.779 | 264  | 8811     | 0.400 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 3691     | 0.308 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.017  | 99   | 4643     | 0.324 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 3676     | 0.345 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.219 | 152  | 8386     | 0.372 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 803      | 0.290 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 12269    | 0.404 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.261 | 212  | 16261    | 0.355 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 11487    | 0.410 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.261  | 88   | 2037     | 0.360 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.608  | 42   | 1650     | 0.320 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.248  | 93   | 4287     | 0.348 | ng    | 96       |
| 9) Naphthalene                | 10.669 | 128  | 15233    | 0.388 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.968 | 225  | 2769     | 0.387 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.295 | 142  | 9908     | 0.380 | ng    | 99       |
| 16) Acenaphthylene            | 14.185 | 152  | 12673    | 0.359 | ng    | 98       |
| 17) Acenaphthene              | 14.527 | 154  | 9133     | 0.380 | ng    | 94       |
| 18) Fluorene                  | 15.522 | 166  | 11731    | 0.374 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 465      | 0.379 | ng    | # 67     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 3489     | 0.389 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.538 | 284  | 3922     | 0.395 | ng    | 98       |
| 23) Atrazine                  | 16.692 | 200  | 2123     | 0.300 | ng    | 98       |
| 24) Pentachlorophenol         | 16.897 | 266  | 687      | 0.400 | ng    | 95       |
| 25) Phenanthrene              | 17.267 | 178  | 19163    | 0.368 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 15169    | 0.338 | ng    | 99       |
| 28) Fluoranthene              | 19.295 | 202  | 20680    | 0.364 | ng    | 100      |
| 30) Pyrene                    | 19.657 | 202  | 20649    | 0.416 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.413 | 228  | 14128    | 0.337 | ng    | 99       |
| 33) Chrysene                  | 21.467 | 228  | 18079    | 0.390 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 8090     | 0.343 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.211 | 276  | 13298    | 0.339 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.065 | 252  | 13786    | 0.406 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.112 | 252  | 14692m   | 0.407 | ng    |          |
| 39) Benzo(a)pyrene            | 23.679 | 252  | 11043    | 0.375 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 26.229 | 278  | 10642    | 0.338 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.951 | 276  | 11766    | 0.342 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

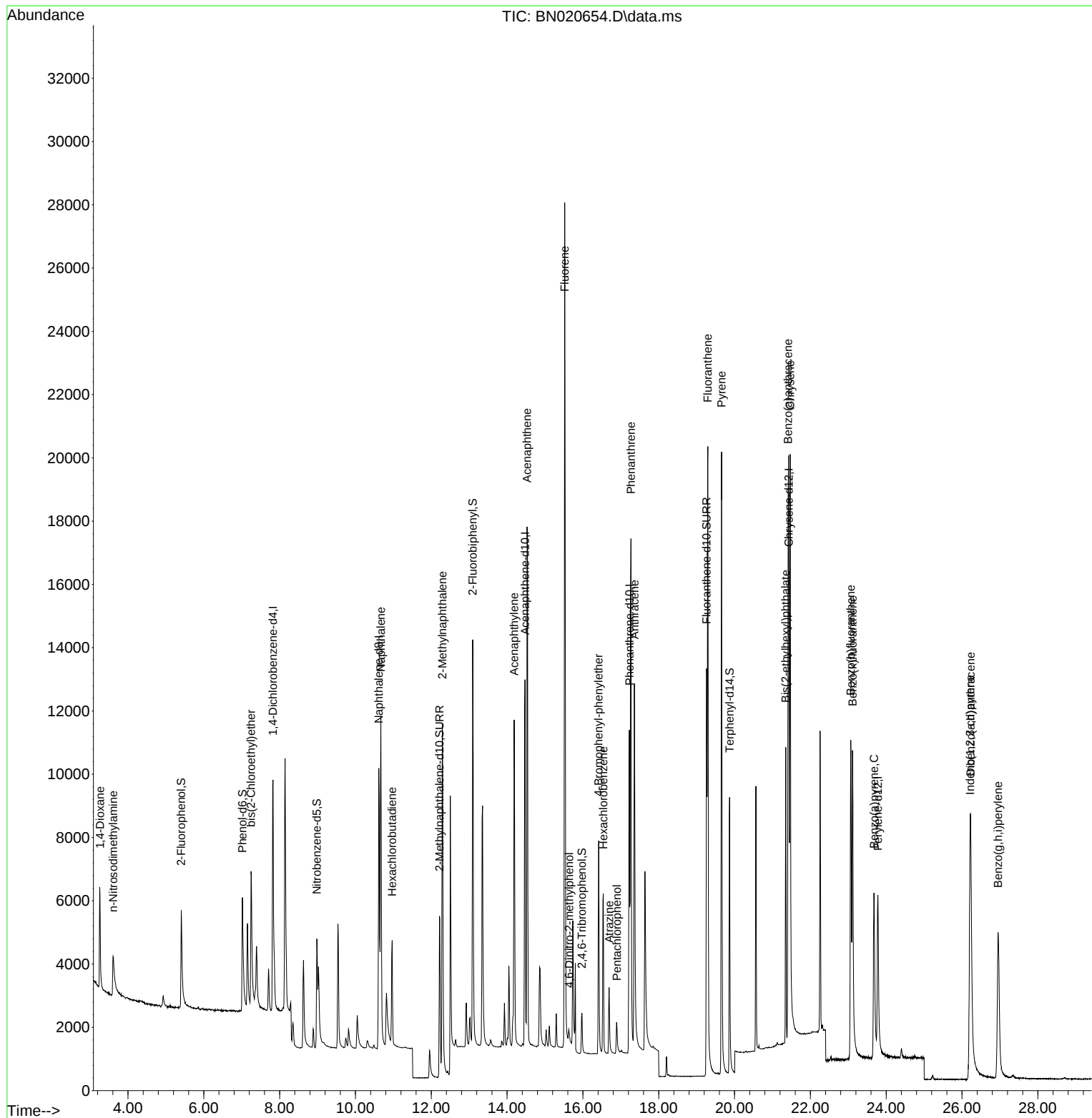
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
Data File : BN020654.D  
Acq On : 03 Jul 2022 08:07  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 07/05/2022  
Supervised By : Jagrut Upadhyay 07/05/2022

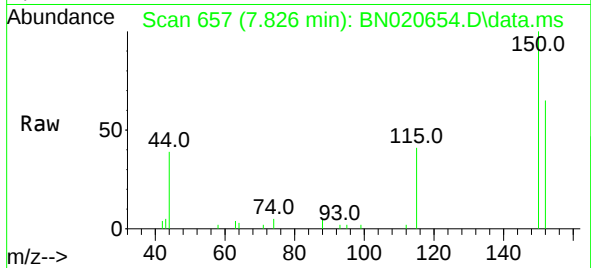
Quant Time: Jul 04 02:41:26 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 02 03:10:12 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.826 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

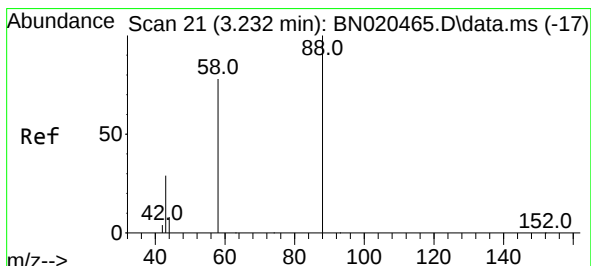
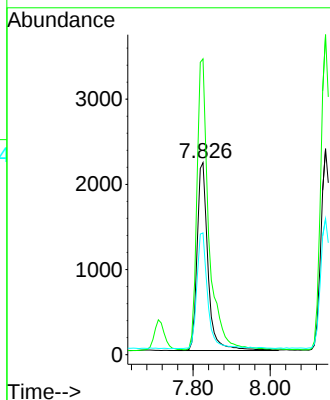
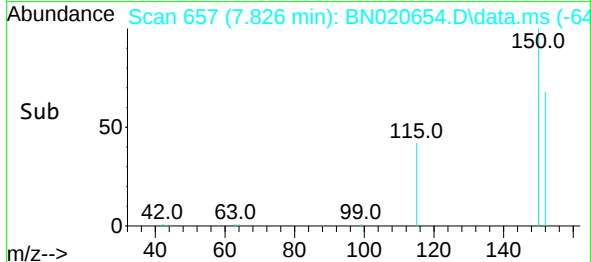
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



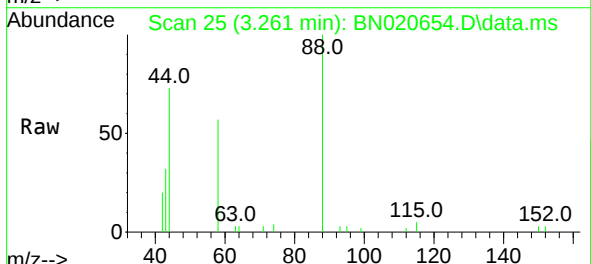
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Ion Ratio Lower Upper  
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150 154.2 127.9 191.9  
115 63.4 51.4 77.2

Manual Integrations  
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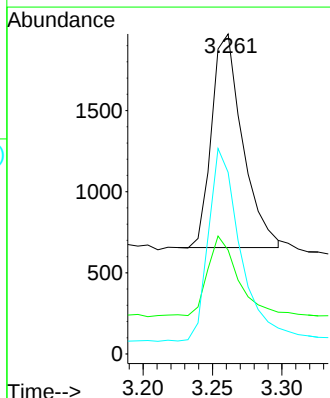
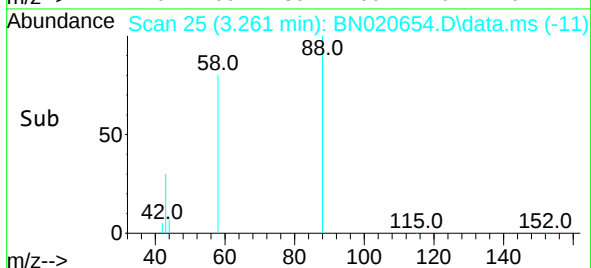
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#2  
1,4-Dioxane  
Concen: 0.360 ng  
RT: 3.261 min Scan# 25  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



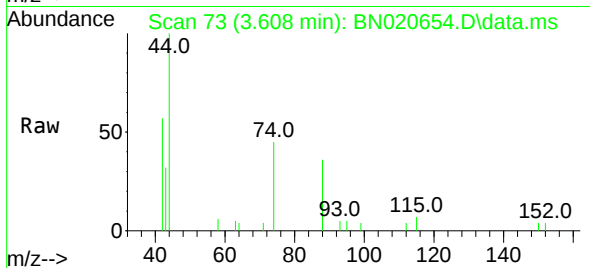
Tgt Ion: 88 Resp: 2037  
Ion Ratio Lower Upper  
88 100  
43 38.2 30.2 45.2  
58 92.6 73.0 109.6





#3  
n-Nitrosodimethylamine  
Concen: 0.320 ng  
RT: 3.608 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

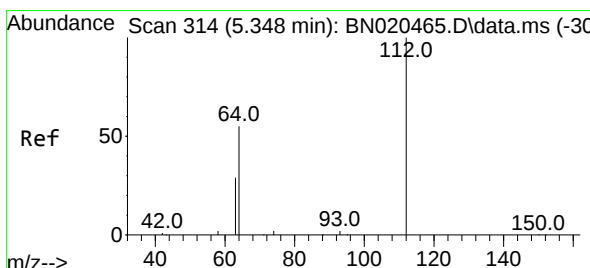
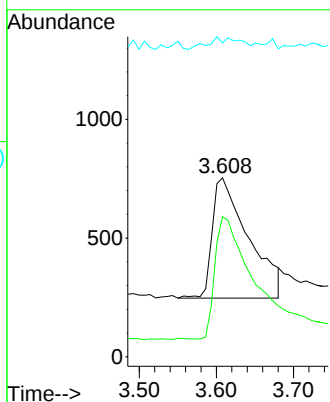
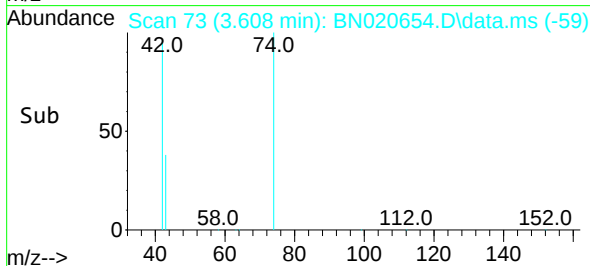
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



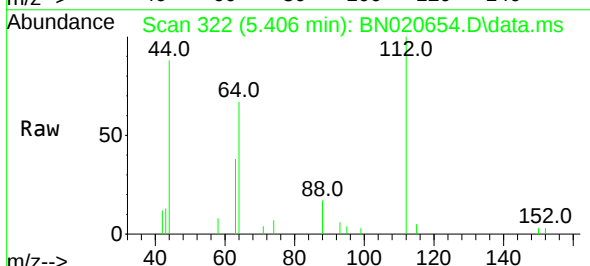
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Ion Ratio Lower Upper  
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44 4.1 9.8 14.8

Manual Integrations  
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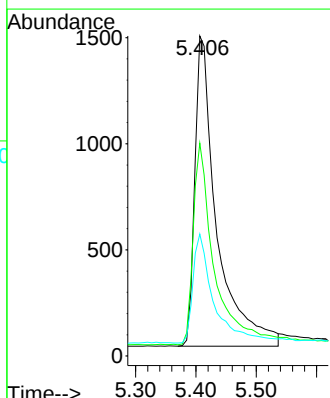
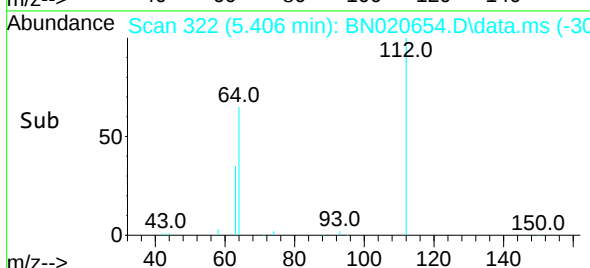
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#4  
2-Fluorophenol  
Concen: 0.308 ng  
RT: 5.406 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



Tgt Ion: 112 Resp: 3691  
Ion Ratio Lower Upper  
112 100  
64 62.4 49.1 73.7  
63 33.9 26.3 39.5





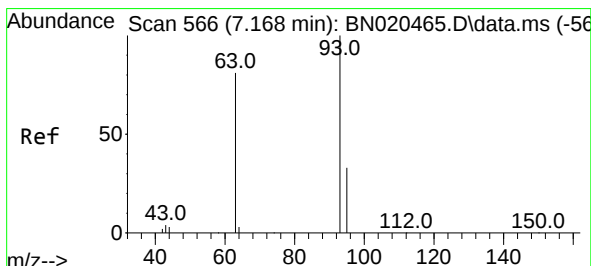
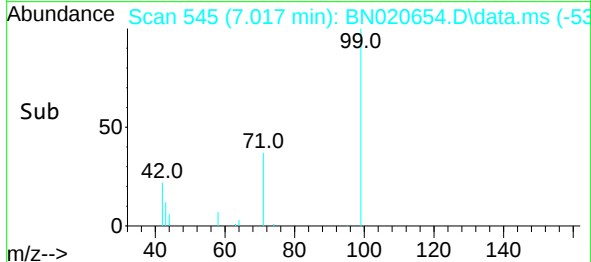
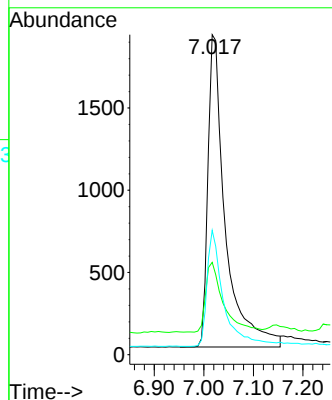
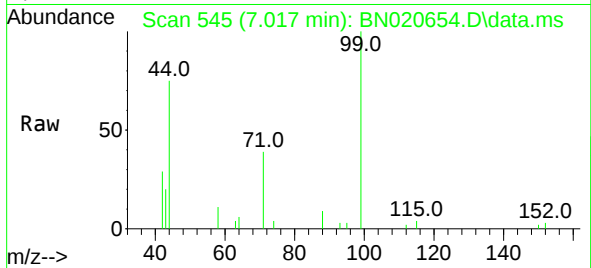
#5  
Phenol-d6  
Concen: 0.324 ng  
RT: 7.017 min Scan# 541  
Delta R.T. -0.014 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 464  
Ion Ratio Lower Upper  
99 100  
42 22.3 19.3 28.9  
71 35.3 27.5 41.3

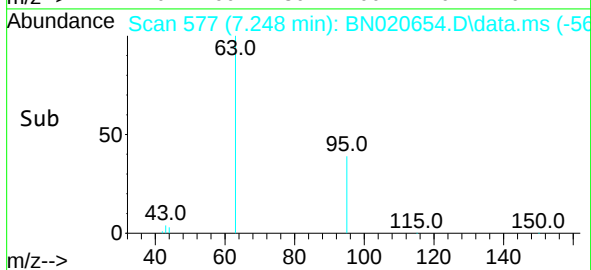
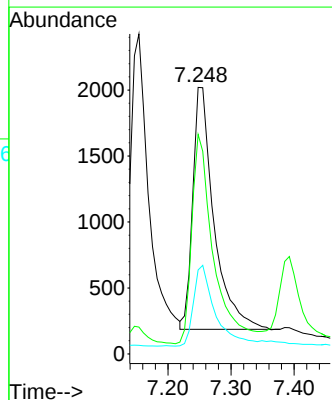
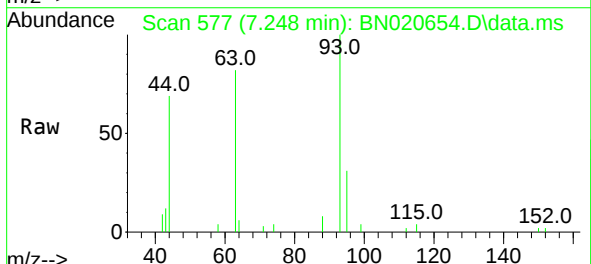
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#6  
bis(2-Chloroethyl)ether  
Concen: 0.348 ng  
RT: 7.248 min Scan# 577  
Delta R.T. -0.007 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

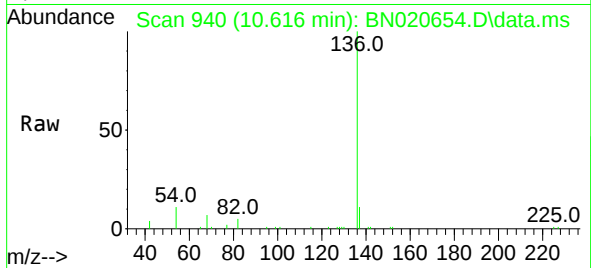
Tgt Ion: 93 Resp: 4287  
Ion Ratio Lower Upper  
93 100  
63 88.3 67.4 101.0  
95 34.1 26.5 39.7





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.616 min Scan# 940  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

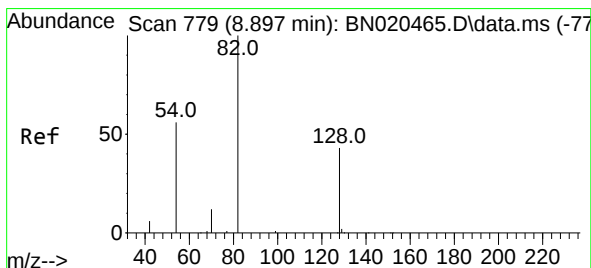
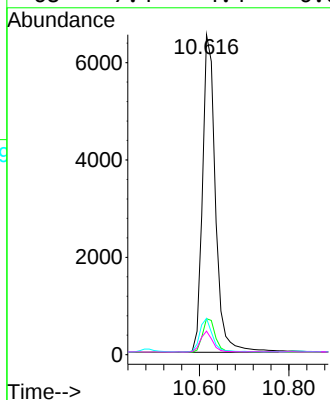
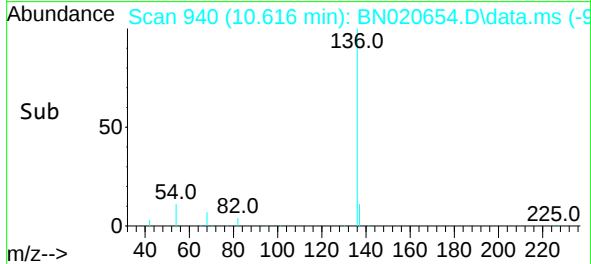
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.3  | 9.0   | 13.6  |
| 54      | 11.3  | 6.2   | 9.2   |
| 68      | 7.4   | 4.4   | 6.6   |

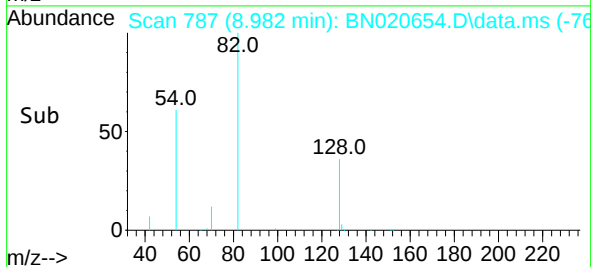
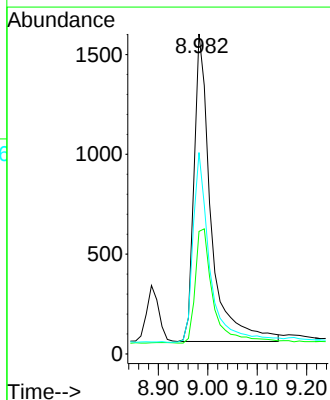
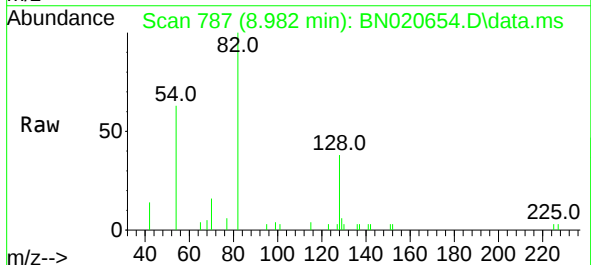
Manual Integrations  
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Supervised By :Jagrut Upadhyay 07/05/2022



#8  
Nitrobenzene-d5  
Concen: 0.345 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

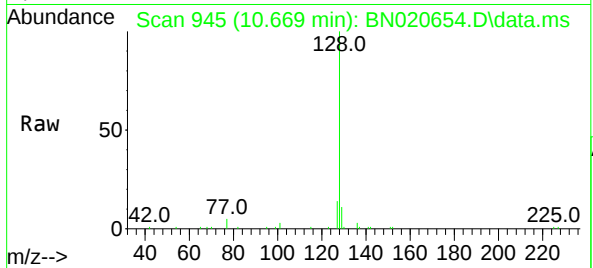
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.3  | 35.0  | 52.6  |
| 54      | 62.9  | 46.2  | 69.4  |





#9  
Naphthalene  
Concen: 0.388 ng  
RT: 10.669 min Scan# 945  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

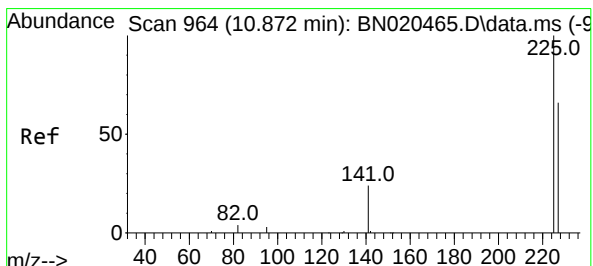
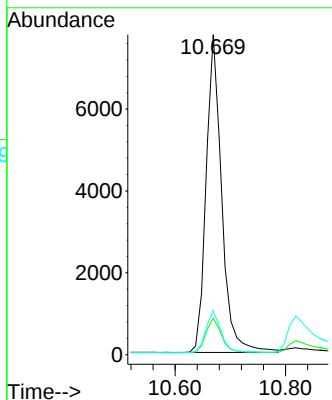
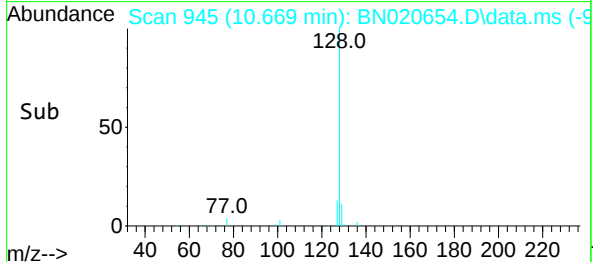
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:128 Resp: 1523  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.7 10.8 16.2

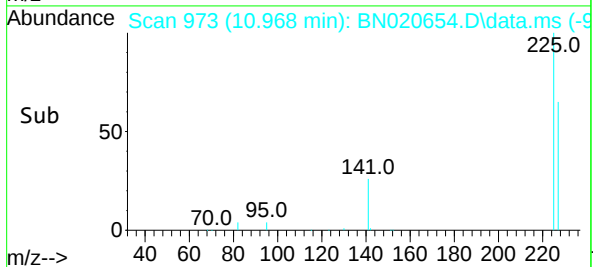
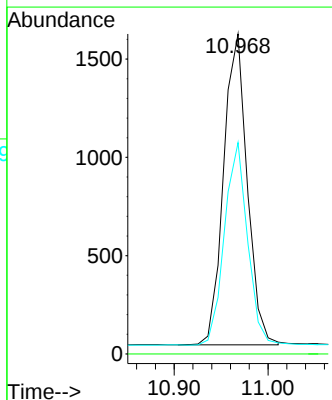
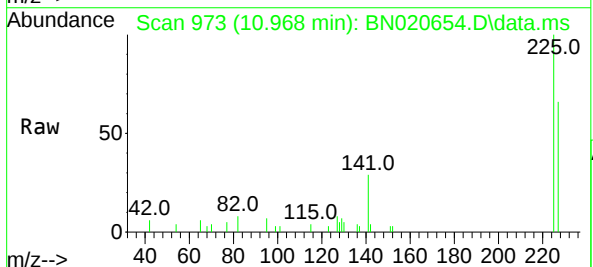
Manual Integrations  
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Supervised By :Jagrut Upadhyay 07/05/2022



#10  
Hexachlorobutadiene  
Concen: 0.387 ng  
RT: 10.968 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

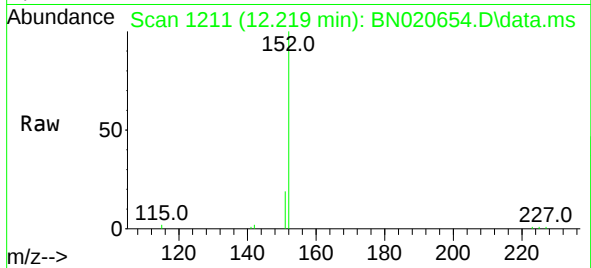
Tgt Ion:225 Resp: 2769  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 50.9 76.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.372 ng  
RT: 12.219 min Scan# 1185  
Delta R.T. -0.007 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

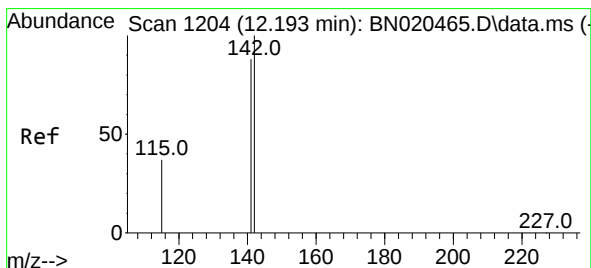
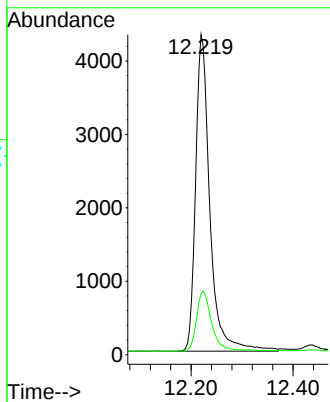
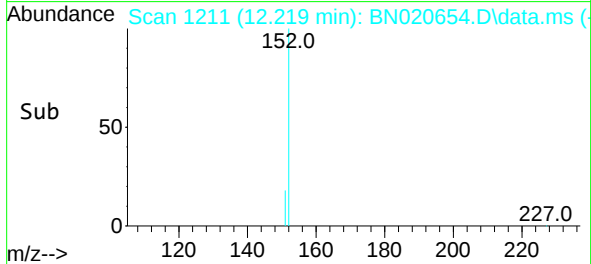
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



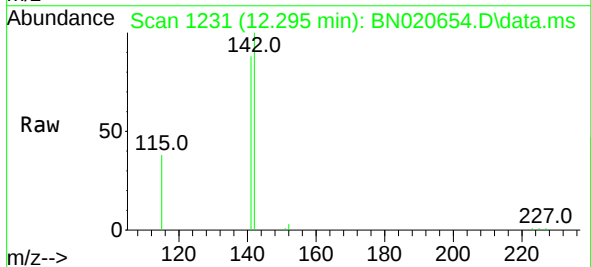
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

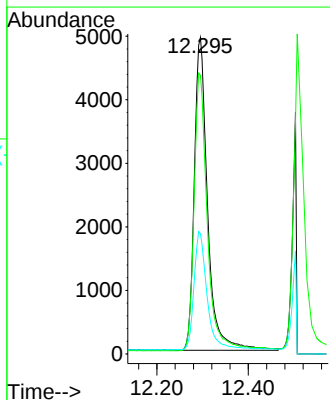
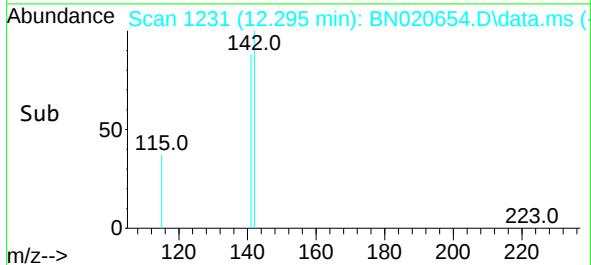
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#12  
2-Methylnaphthalene  
Concen: 0.380 ng  
RT: 12.295 min Scan# 1231  
Delta R.T. -0.004 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



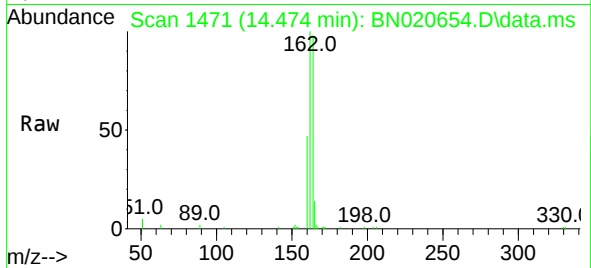
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115 38.0 29.8 44.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

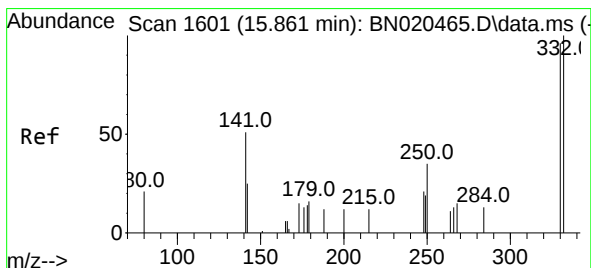
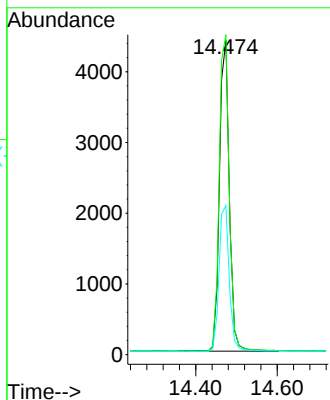
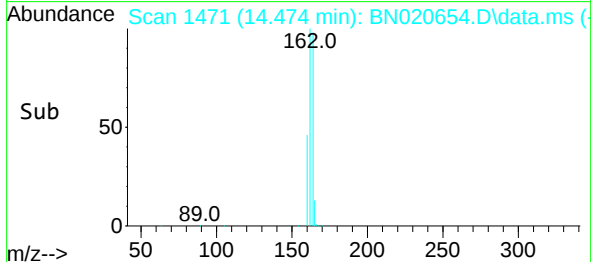
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



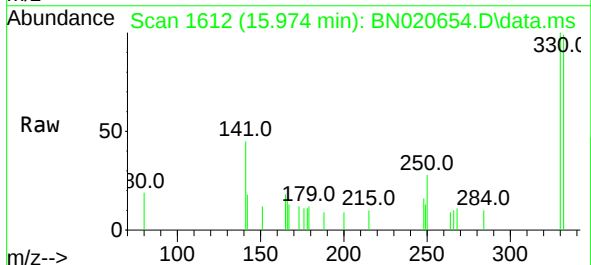
Tgt Ion:164 Resp: 7352  
Ion Ratio Lower Upper  
164 100  
162 101.8 82.1 123.1  
160 47.4 38.6 58.0

Manual Integrations  
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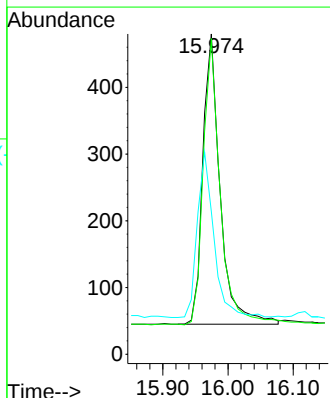
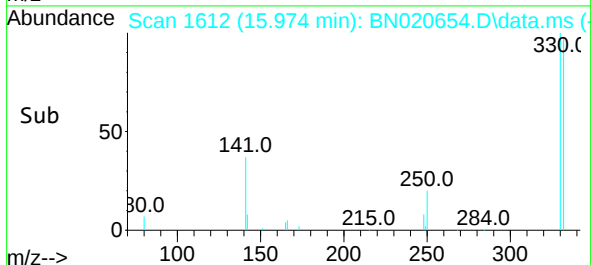
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#14  
2,4,6-Tribromophenol  
Concen: 0.290 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



Tgt Ion:330 Resp: 803  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.6 116.4  
141 54.9 41.0 61.4





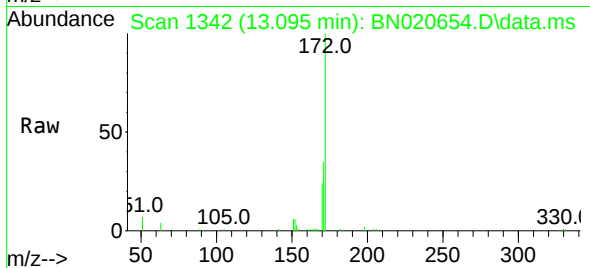
#15  
2-Fluorobiphenyl  
Concen: 0.404 ng  
RT: 13.095 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

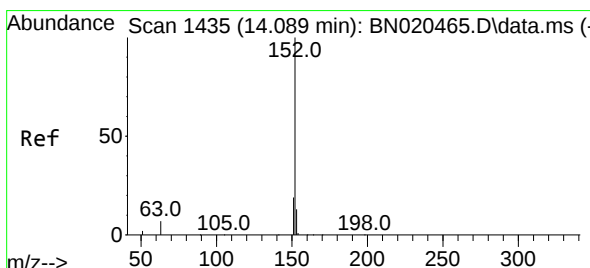
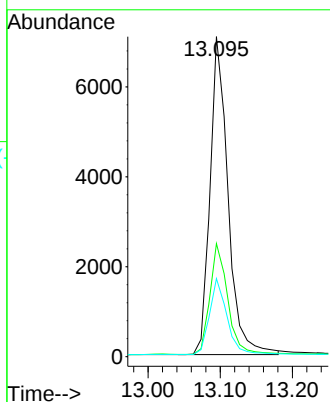
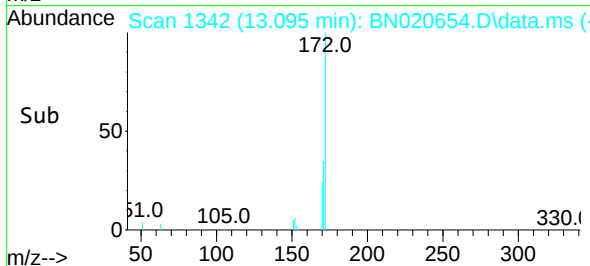


Tgt Ion:172 Resp: 12269  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.2 40.8  
170 24.4 18.2 27.4

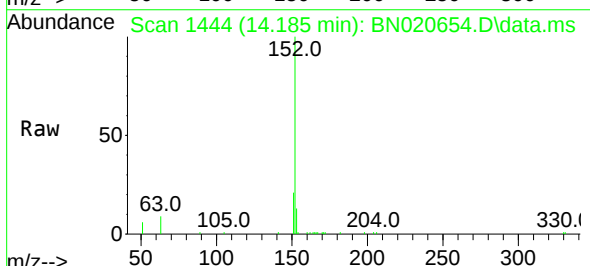
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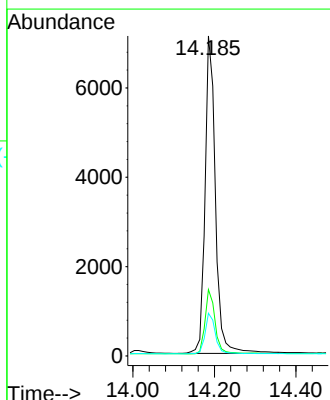
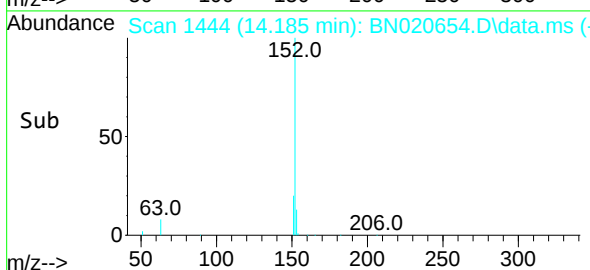
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022

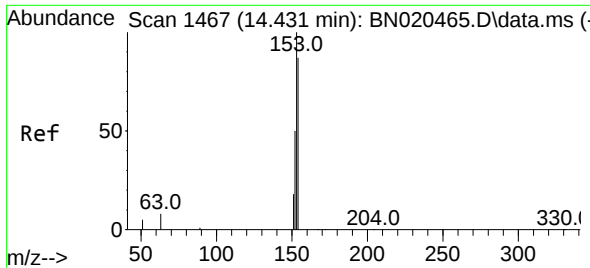


#16  
Acenaphthylene  
Concen: 0.359 ng  
RT: 14.185 min Scan# 1444  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



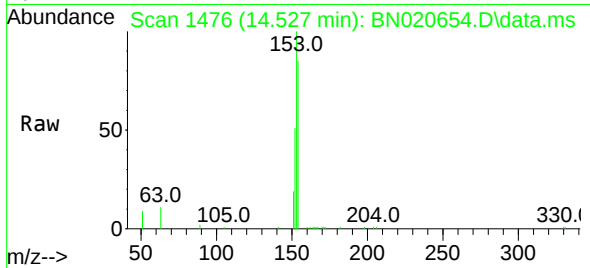
Tgt Ion:152 Resp: 12673  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.4  
153 12.9 10.7 16.1





#17  
Acenaphthene  
Concen: 0.380 ng  
RT: 14.527 min Scan# 1467  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

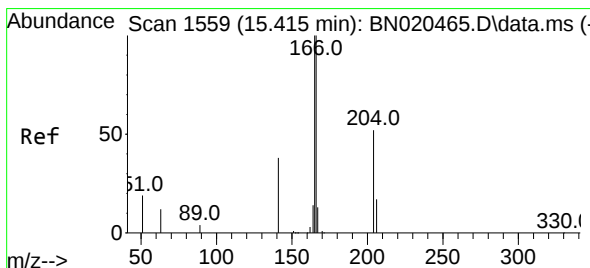
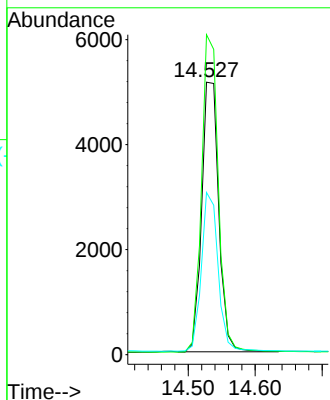
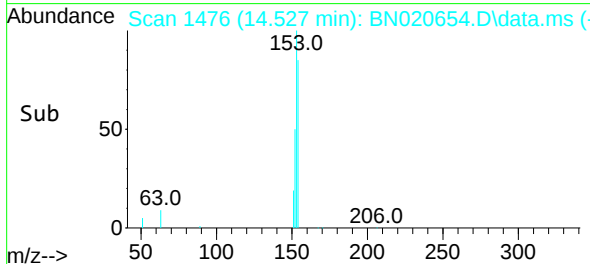
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



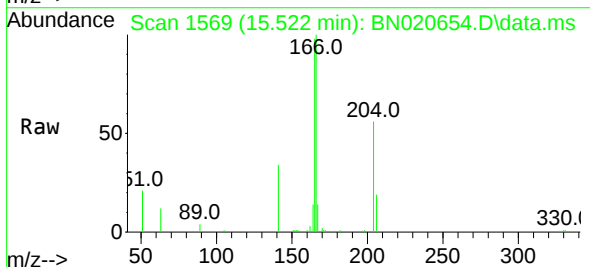
Tgt Ion:154 Resp: 913  
Ion Ratio Lower Upper  
154 100  
153 116.3 87.5 131.3  
152 57.6 43.8 65.6

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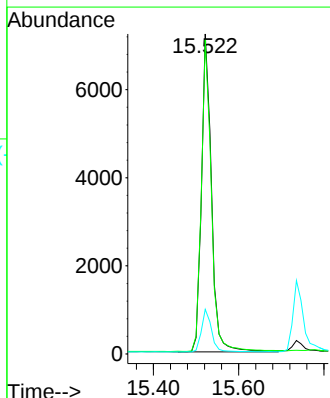
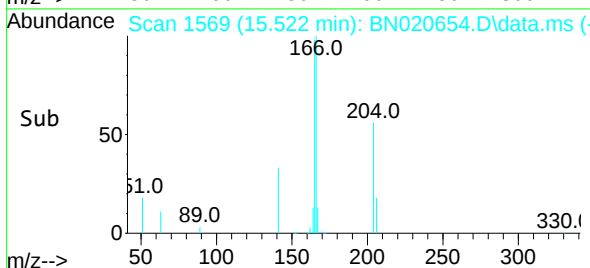
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#18  
Fluorene  
Concen: 0.374 ng  
RT: 15.522 min Scan# 1569  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



Tgt Ion:166 Resp: 11731  
Ion Ratio Lower Upper  
166 100  
165 98.2 78.6 118.0  
167 13.5 10.8 16.2





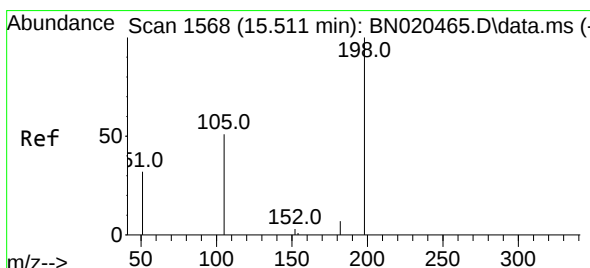
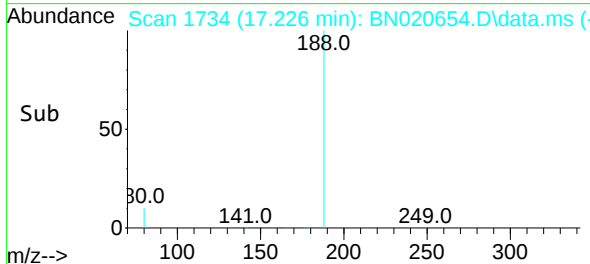
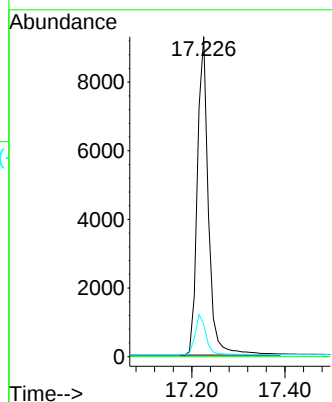
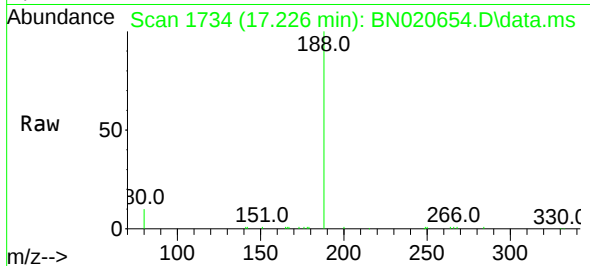
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15428  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 7.4 11.2

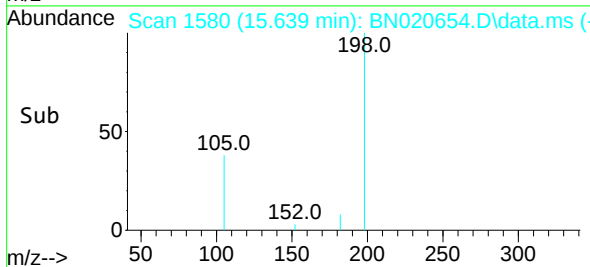
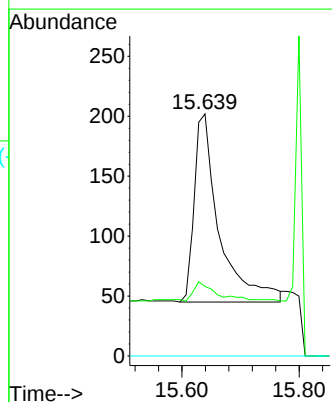
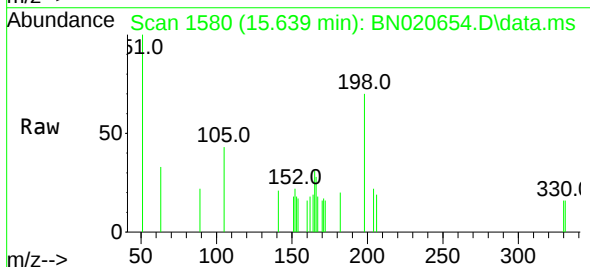
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Supervised By :Jagrut Upadhyay 07/05/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.379 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

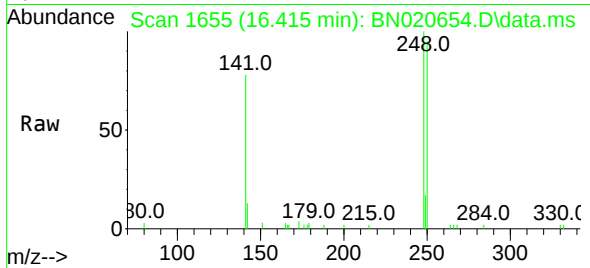
Tgt Ion:198 Resp: 465  
Ion Ratio Lower Upper  
198 100  
182 28.7 12.1 18.1#  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.389 ng  
RT: 16.415 min Scan# 1665  
Delta R.T. -0.010 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

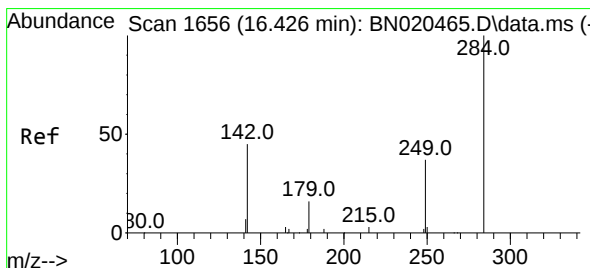
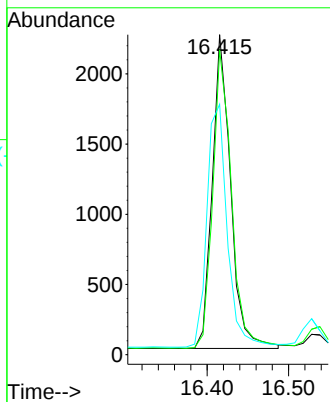
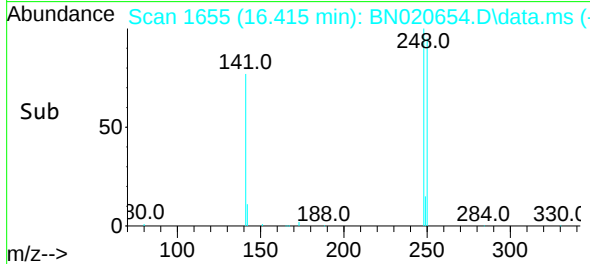
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:248 Resp: 3489  
Ion Ratio Lower Upper  
248 100  
250 95.3 75.3 112.9  
141 78.2 67.3 100.9

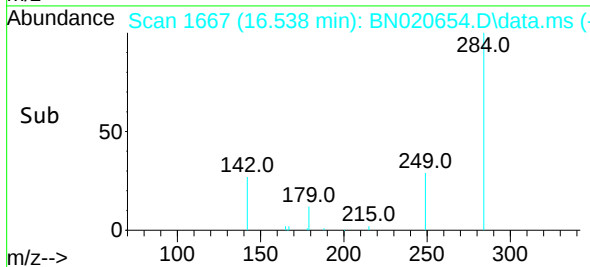
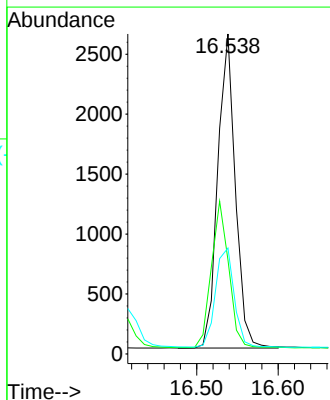
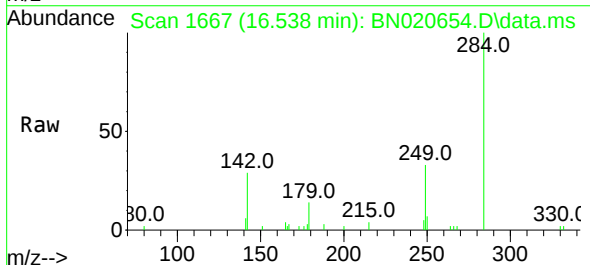
Manual Integrations  
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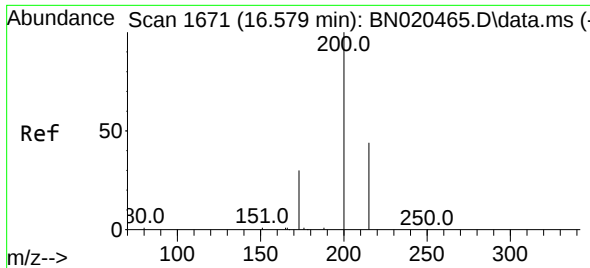
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#22  
Hexachlorobenzene  
Concen: 0.395 ng  
RT: 16.538 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

Tgt Ion:284 Resp: 3922  
Ion Ratio Lower Upper  
284 100  
142 45.8 35.2 52.8  
249 33.3 26.6 40.0





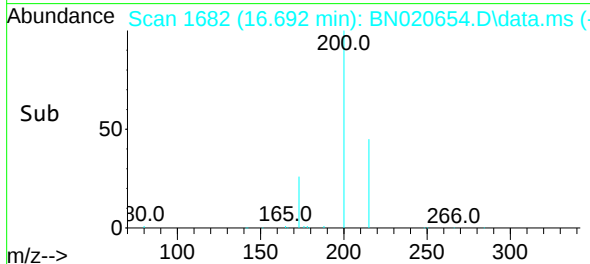
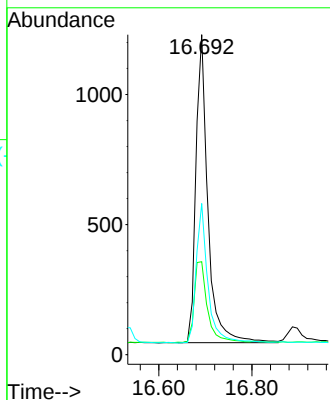
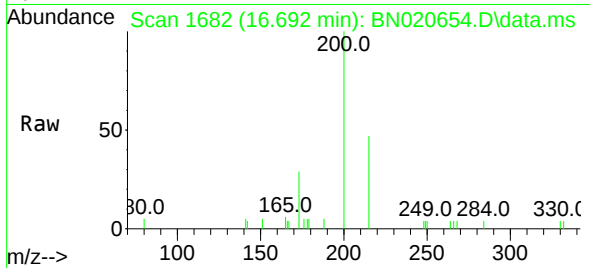
#23  
Atrazine  
Concen: 0.300 ng  
RT: 16.692 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:200 Resp: 212  
Ion Ratio Lower Upper  
200 100  
173 29.0 23.6 35.4  
215 47.2 36.6 54.8

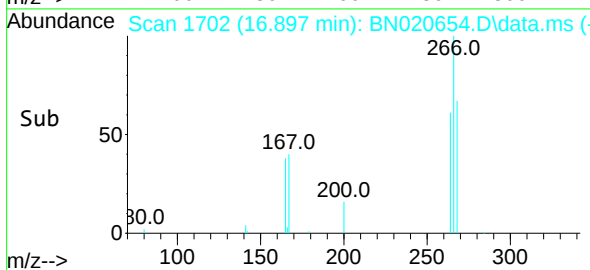
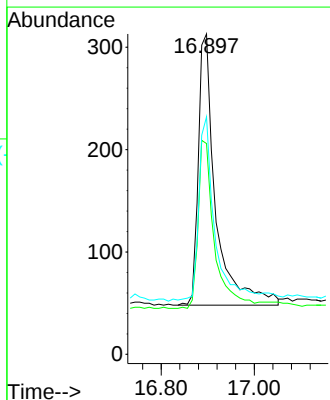
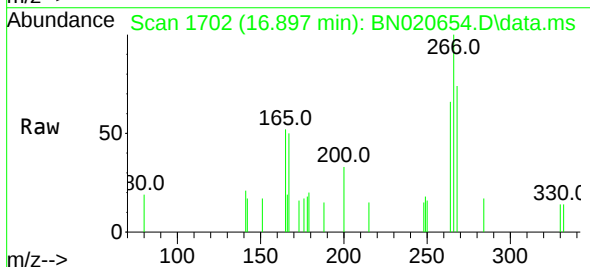
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Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#24  
Pentachlorophenol  
Concen: 0.400 ng  
RT: 16.897 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

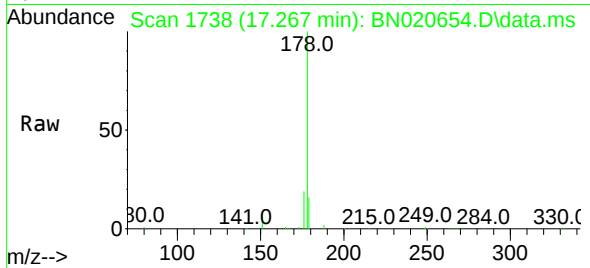
Tgt Ion:266 Resp: 687  
Ion Ratio Lower Upper  
266 100  
264 58.5 51.3 76.9  
268 62.9 52.6 79.0





#25  
Phenanthrene  
Concen: 0.368 ng  
RT: 17.267 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

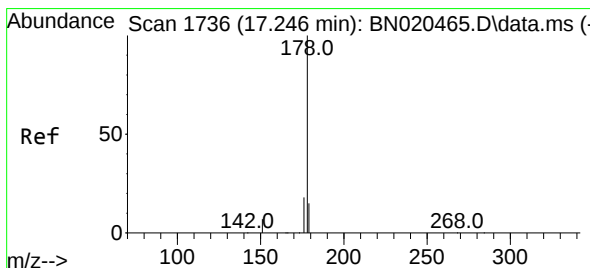
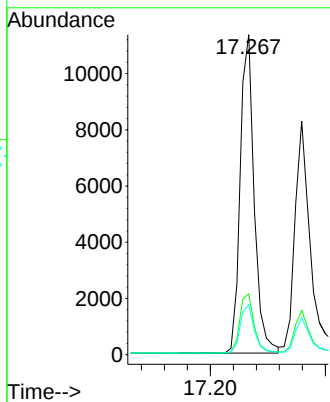
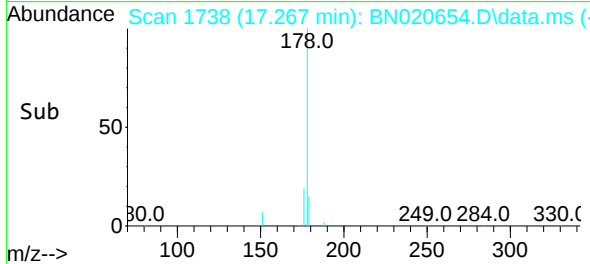
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



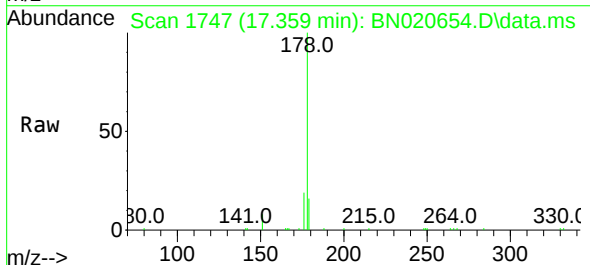
Tgt Ion:178 Resp: 1916  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.3 12.2 18.4

Manual Integrations  
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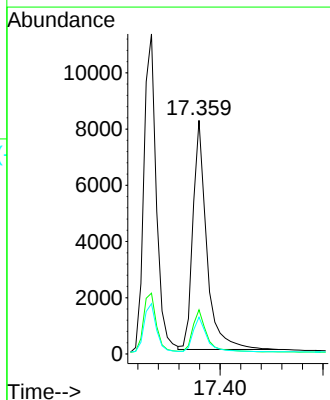
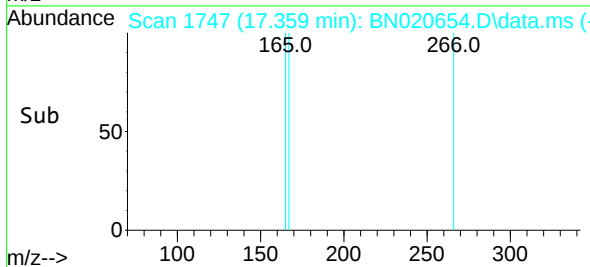
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#26  
Anthracene  
Concen: 0.338 ng  
RT: 17.359 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



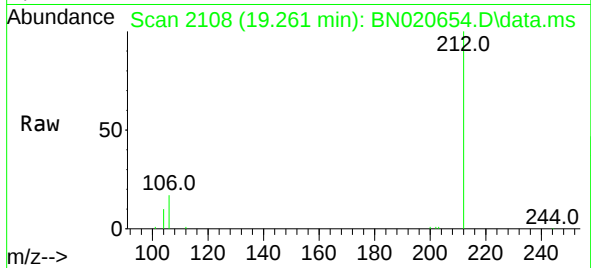
Tgt Ion:178 Resp: 15169  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.9 22.3  
179 15.0 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.355 ng  
RT: 19.261 min Scan# 2116  
Delta R.T. -0.008 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

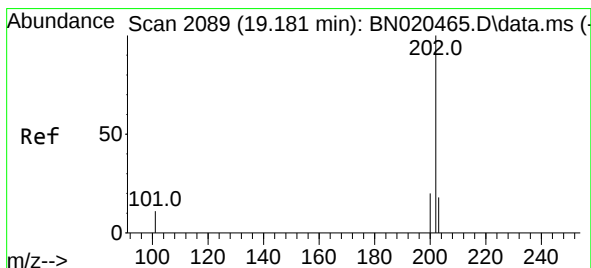
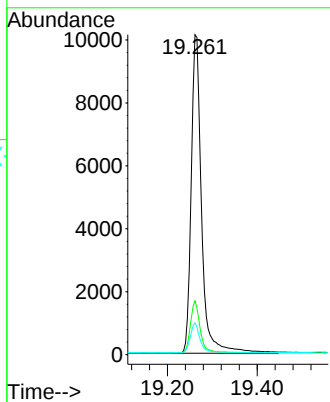
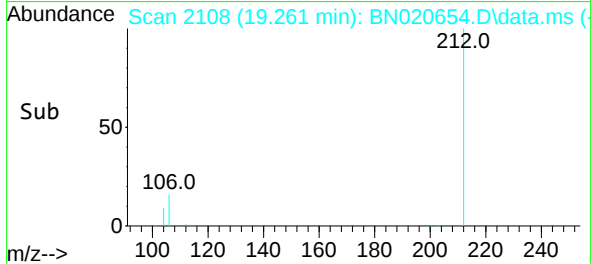
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:212 Resp: 1626  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 8.7 7.2 10.8

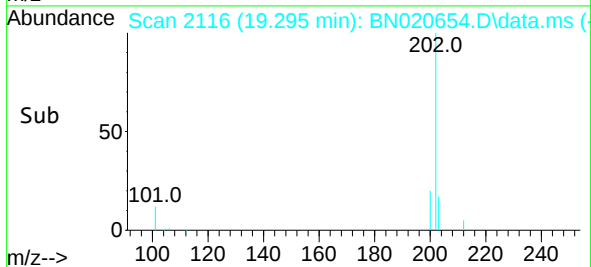
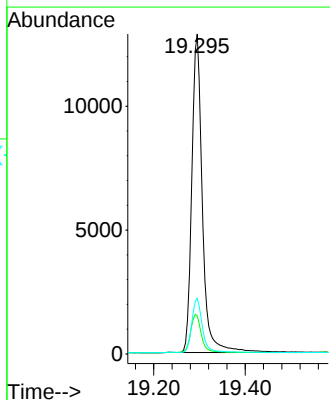
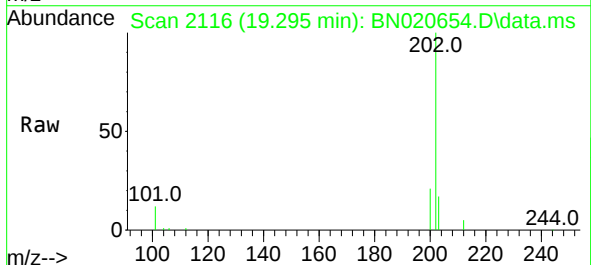
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Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#28  
Fluoranthene  
Concen: 0.364 ng  
RT: 19.295 min Scan# 2116  
Delta R.T. -0.004 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

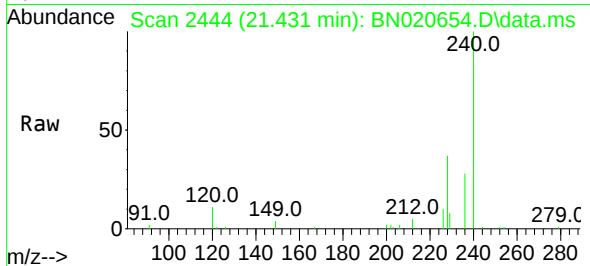
Tgt Ion:202 Resp: 20680  
Ion Ratio Lower Upper  
202 100  
101 12.4 9.6 14.4  
203 16.9 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.431 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

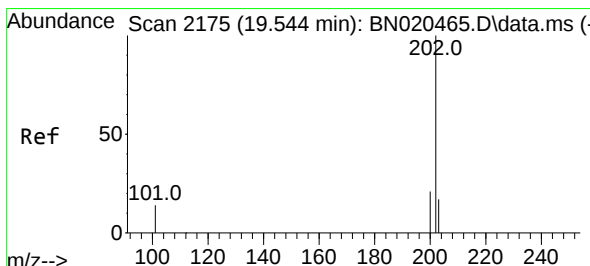
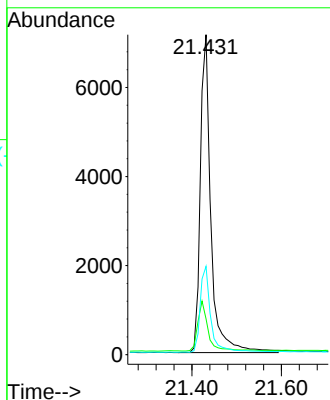
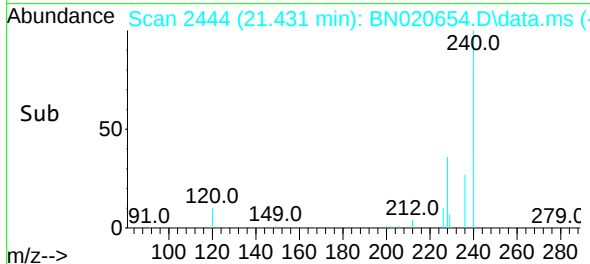
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



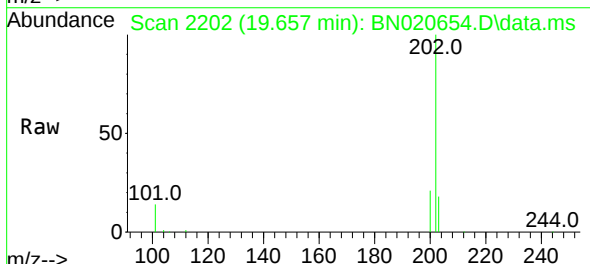
Tgt Ion:240 Resp: 11730  
Ion Ratio Lower Upper  
240 100  
120 11.2 14.6 21.8  
236 27.6 22.6 33.8

Manual Integrations  
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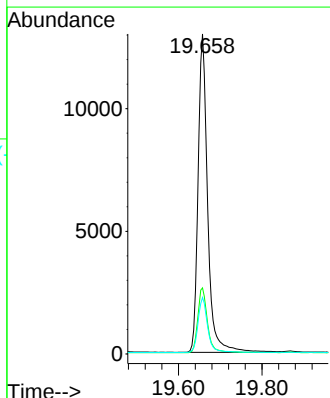
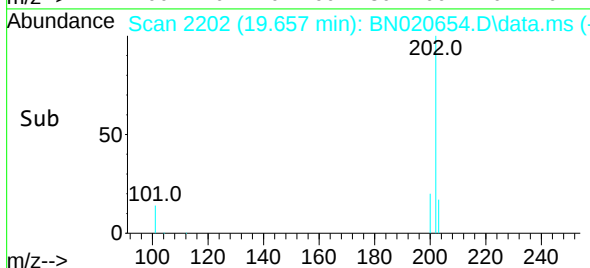
Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022

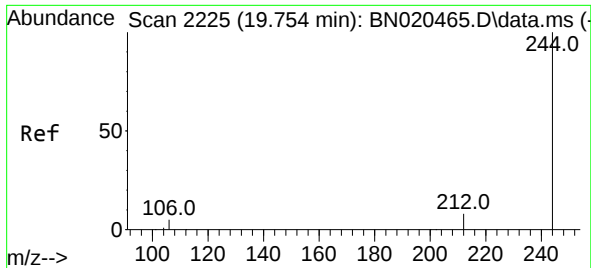


#30  
Pyrene  
Concen: 0.416 ng  
RT: 19.657 min Scan# 2202  
Delta R.T. -0.004 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



Tgt Ion:202 Resp: 20649  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 25.0  
203 17.5 14.2 21.2





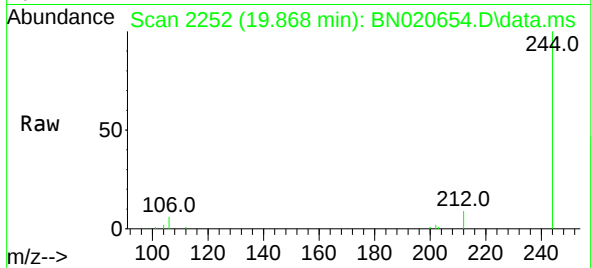
#31  
 Terphenyl-d14  
 Concen: 0.410 ng  
 RT: 19.868 min Scan# 2118  
 Delta R.T. -0.004 min  
 Lab File: BN020654.D  
 Acq: 03 Jul 2022 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

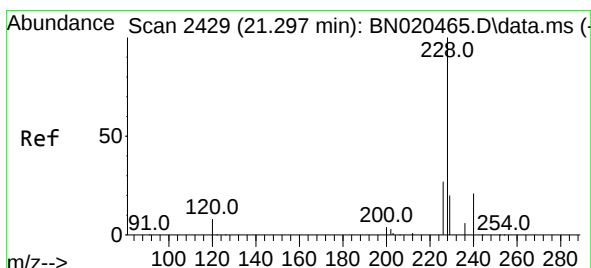
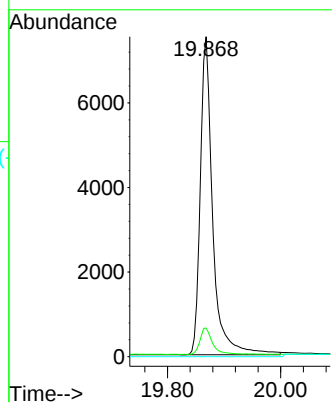


Tgt Ion:244 Resp: 1148  
 Ion Ratio Lower Upper  
 244 100  
 212 9.0 7.1 10.7  
 122 0.0 0.0 0.0

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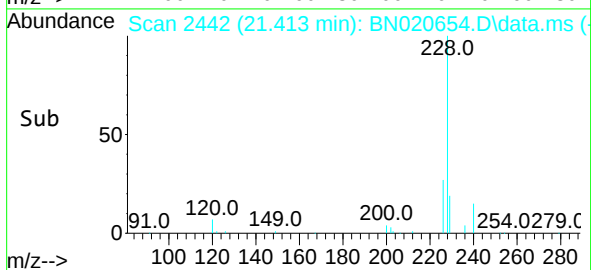
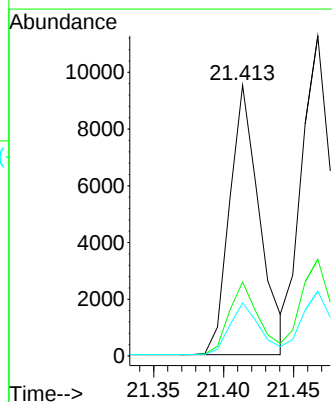
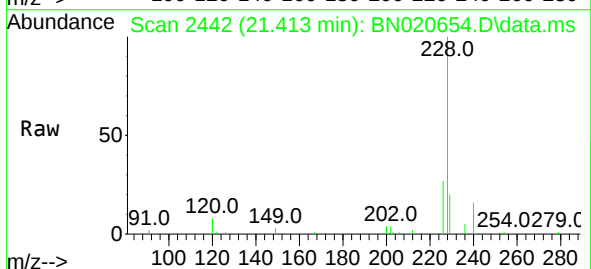
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Reviewed By :Christian Giraldo 07/05/2022  
 Supervised By :Jagrut Upadhyay 07/05/2022



#32  
 Benzo(a)anthracene  
 Concen: 0.337 ng  
 RT: 21.413 min Scan# 2442  
 Delta R.T. -0.009 min  
 Lab File: BN020654.D  
 Acq: 03 Jul 2022 08:07

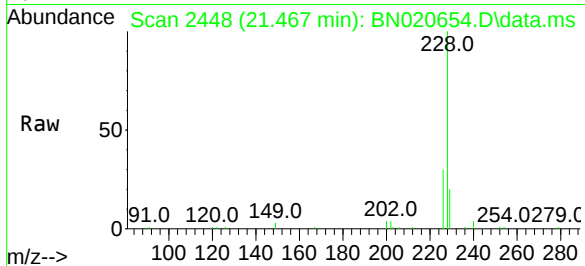
Tgt Ion:228 Resp: 14128  
 Ion Ratio Lower Upper  
 228 100  
 226 27.3 21.2 31.8  
 229 19.6 15.6 23.4





#33  
Chrysene  
Concen: 0.390 ng  
RT: 21.467 min Scan# 2434  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

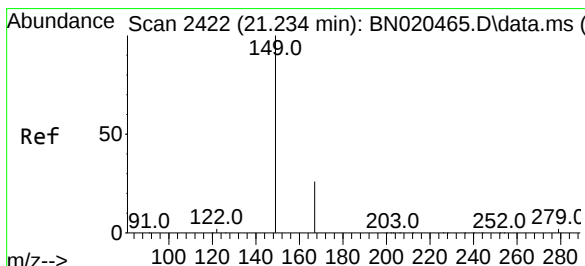
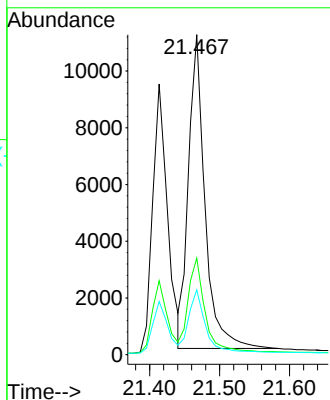
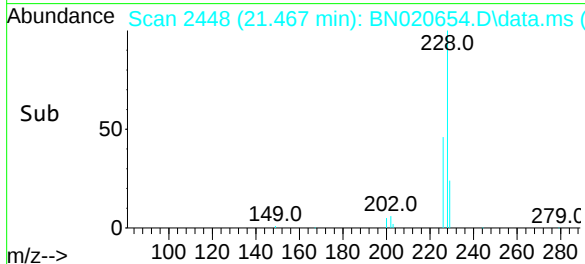
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



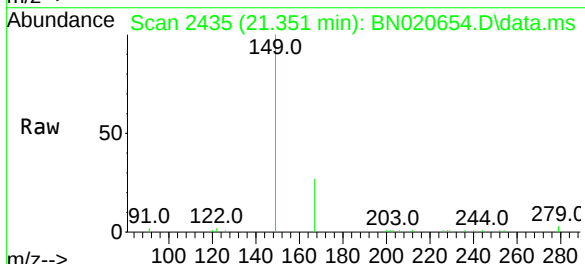
Tgt Ion: 228 Resp: 18079  
Ion Ratio Lower Upper  
228 100  
226 30.2 23.4 35.0  
229 20.3 15.7 23.5

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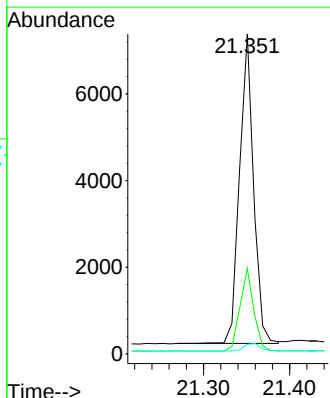
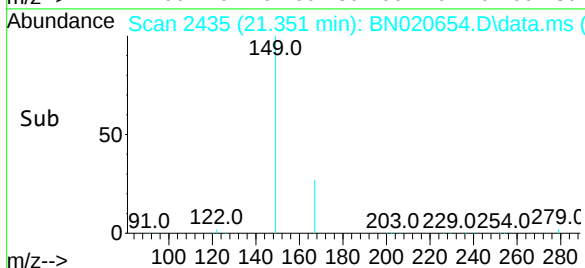
Reviewed By : Christian Giraldo 07/05/2022  
Supervised By : Jagrut Upadhyay 07/05/2022

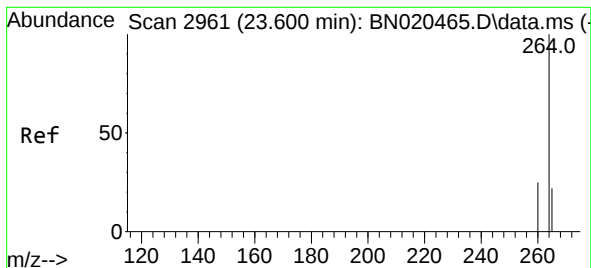


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.343 ng  
RT: 21.351 min Scan# 2435  
Delta R.T. 0.000 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07



Tgt Ion: 149 Resp: 8090  
Ion Ratio Lower Upper  
149 100  
167 26.3 21.7 32.5  
279 2.8 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.779 min Scan# 3022

Delta R.T. -0.011 min

Lab File: BN020654.D

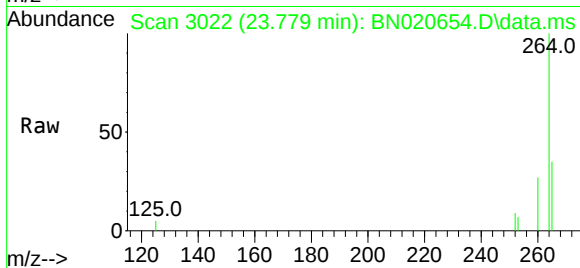
Acq: 03 Jul 2022 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:264 Resp: 881

Ion Ratio Lower Upper

264 100

260 26.6 20.9 31.3

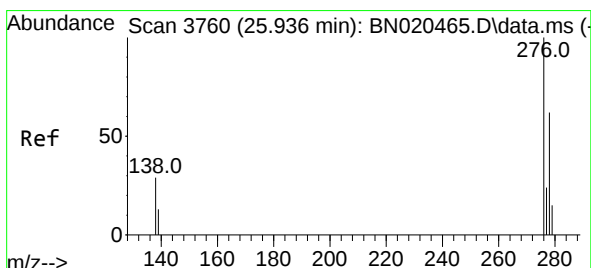
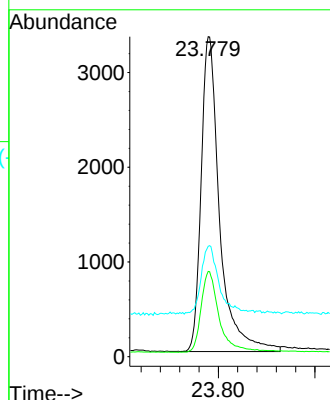
265 34.5 28.0 42.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng

RT: 26.211 min Scan# 3854

Delta R.T. -0.011 min

Lab File: BN020654.D

Acq: 03 Jul 2022 08:07

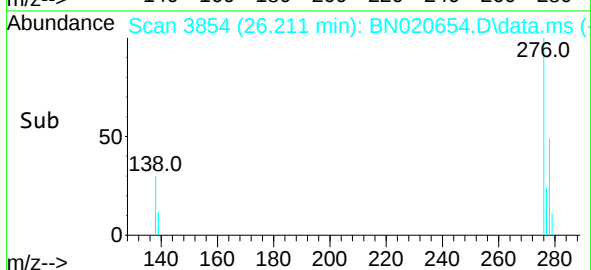
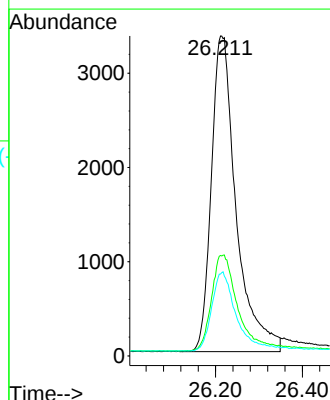
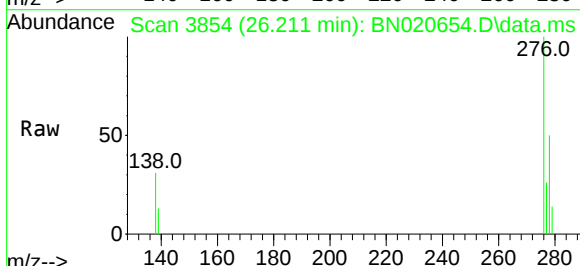
Tgt Ion:276 Resp: 13298

Ion Ratio Lower Upper

276 100

138 32.0 25.9 38.9

277 24.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 23.065 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN020654.D

Acq: 03 Jul 2022 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

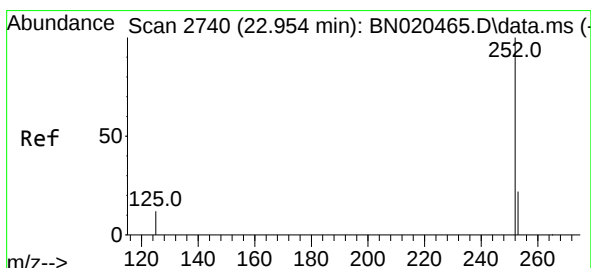
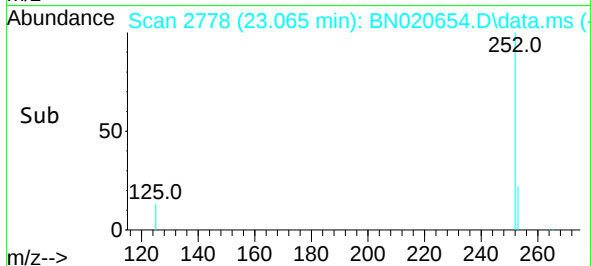
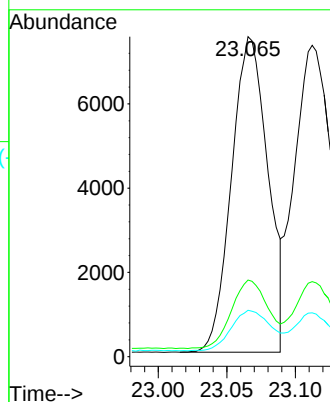
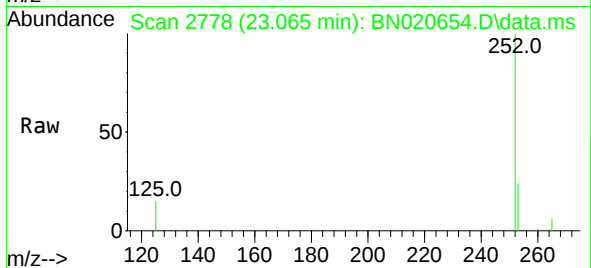
Tgt Ion:252 Resp: 13780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.9  | 18.5  | 27.7  |
| 125 | 14.5  | 11.4  | 17.0  |

Manual Integrations

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Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022



#38

Benzo(k)fluoranthene

Concen: 0.407 ng m

RT: 23.112 min Scan# 2794

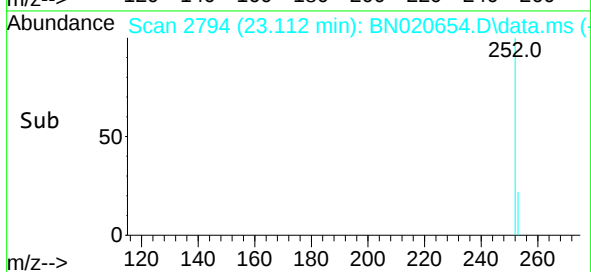
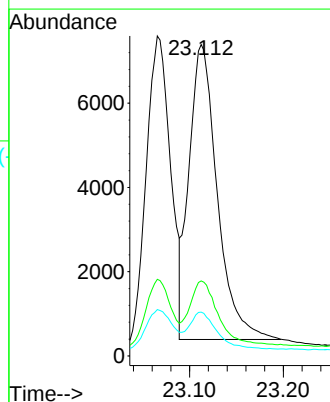
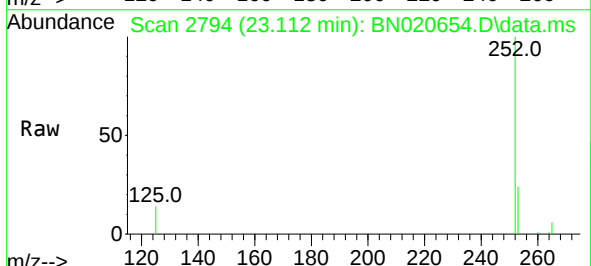
Delta R.T. -0.009 min

Lab File: BN020654.D

Acq: 03 Jul 2022 08:07

Tgt Ion:252 Resp: 14692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.1  | 18.0  | 27.0  |
| 125 | 14.1  | 11.0  | 16.4  |





#39

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.679 min Scan# 2926

Delta R.T. -0.006 min

Lab File: BN020654.D

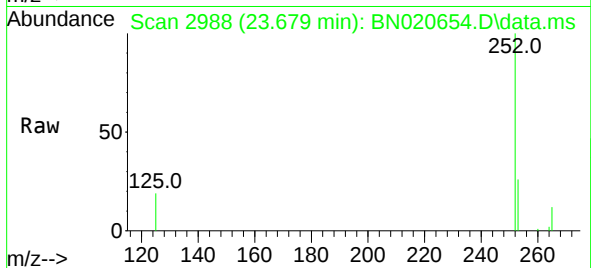
Acq: 03 Jul 2022 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

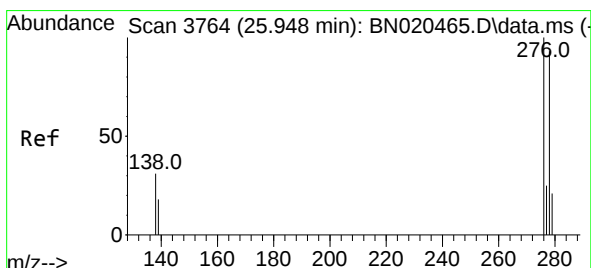
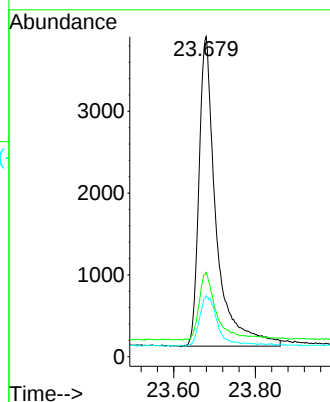
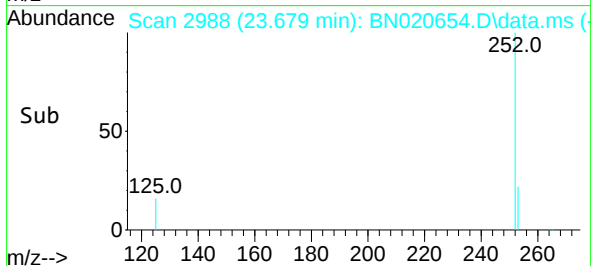


|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 1104 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 26.4  | 19.0  | 28.4 |
| 125       | 19.0  | 13.8  | 20.8 |

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/05/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.338 ng

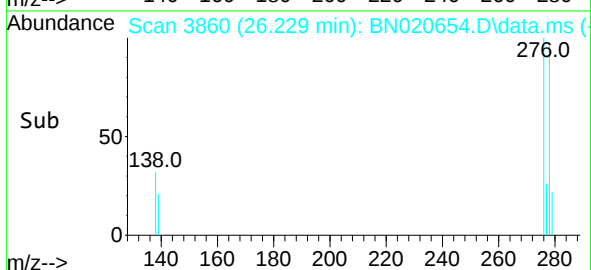
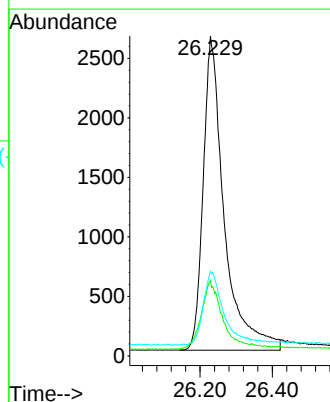
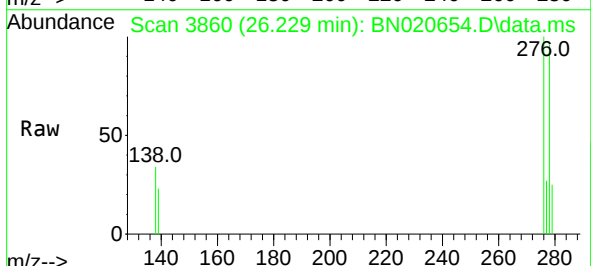
RT: 26.229 min Scan# 3860

Delta R.T. -0.017 min

Lab File: BN020654.D

Acq: 03 Jul 2022 08:07

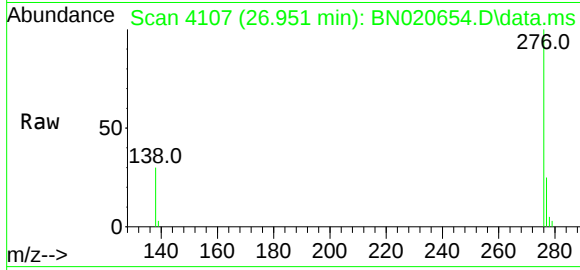
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 10642 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 23.5  | 18.6  | 28.0  |
| 279       | 26.4  | 19.7  | 29.5  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.342 ng  
RT: 26.951 min Scan# 41  
Delta R.T. -0.017 min  
Lab File: BN020654.D  
Acq: 03 Jul 2022 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 11760  
Ion Ratio Lower Upper  
276 100  
277 25.2 19.5 29.3  
138 30.3 22.6 34.0

Manual Integrations  
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Reviewed By :Christian Giraldo 07/05/2022  
Supervised By :Jagrut Upadhyay 07/05/2022

