

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120922\  
 Data File : BN023110.D  
 Acq On : 09 Dec 2022 17:05  
 Operator : CG/JU  
 Sample : N4955-07  
 Misc : LOD-MDL-WATER 0.2ppm  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Dec 10 03:25:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 10 03:22:51 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022  
 Supervised By :Jagrut Upadhyay 12/13/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.020  | 152  | 7514     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.840 | 136  | 22090    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.666 | 164  | 11520    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.402 | 188  | 24926    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.598 | 240  | 20068    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.056 | 264  | 18643    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.558  | 112  | 4461     | 0.319 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.168  | 99   | 5489     | 0.309 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.185  | 82   | 3941     | 0.271 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.424 | 152  | 16686    | 0.445 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.148 | 330  | 1180     | 0.282 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.298 | 172  | 13363    | 0.290 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.439 | 212  | 26771    | 0.459 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.031 | 244  | 9776     | 0.300 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.398  | 88   | 1579     | 0.213 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.738  | 42   | 1482     | 0.203 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.435  | 93   | 4554     | 0.225 | ng    | 98       |
| 9) Naphthalene                | 10.893 | 128  | 11906    | 0.212 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.181 | 225  | 2343     | 0.218 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.117 | 142  | 1648     | 0.197 | ng    | # 91     |
| 16) Acenaphthylene            | 14.388 | 152  | 9143     | 0.197 | ng    | 100      |
| 17) Acenaphthene              | 14.730 | 154  | 6891     | 0.202 | ng    | 99       |
| 18) Fluorene                  | 15.703 | 166  | 7547     | 0.198 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198  | 490      | 0.138 | ng    | # 69     |
| 21) 4-Bromophenyl-phenylether | 16.595 | 248  | 2682     | 0.202 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.719 | 284  | 3656     | 0.210 | ng    | 98       |
| 23) Atrazine                  | 16.868 | 200  | 1753     | 0.187 | ng    | 98       |
| 24) Pentachlorophenol         | 17.054 | 266  | 989      | 0.163 | ng    | 98       |
| 25) Phenanthrene              | 17.452 | 178  | 14494    | 0.195 | ng    | 100      |
| 26) Anthracene                | 17.539 | 178  | 11552    | 0.195 | ng    | 100      |
| 28) Fluoranthene              | 19.469 | 202  | 15482    | 0.195 | ng    | 99       |
| 30) Pyrene                    | 19.831 | 202  | 15047    | 0.205 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.580 | 228  | 12269    | 0.190 | ng    | 100      |
| 33) Chrysene                  | 21.634 | 228  | 15145    | 0.208 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.500 | 149  | 5718     | 0.209 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.626 | 276  | 18420    | 0.220 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.305 | 252  | 16314m   | 0.211 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.352 | 252  | 14976    | 0.191 | ng    | 95       |
| 39) Benzo(a)pyrene            | 23.948 | 252  | 15033    | 0.259 | ng    | # 68     |
| 40) Dibenzo(a,h)anthracene    | 26.647 | 278  | 14537    | 0.217 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.418 | 276  | 13902    | 0.194 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

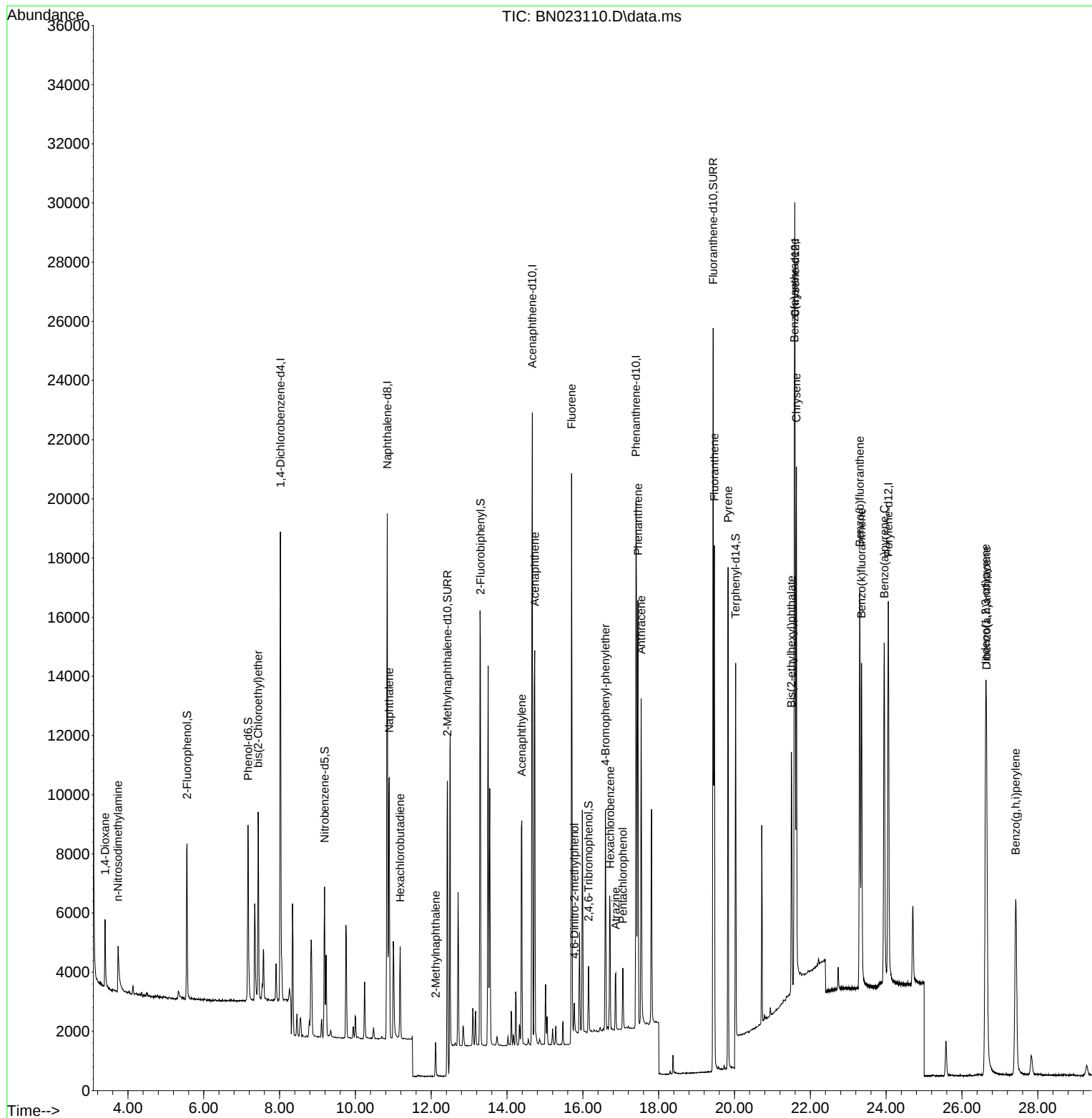
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120922\  
 Data File : BN023110.D  
 Acq On : 09 Dec 2022 17:05  
 Operator : CG/JU  
 Sample : N4955-07  
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Instrument :  
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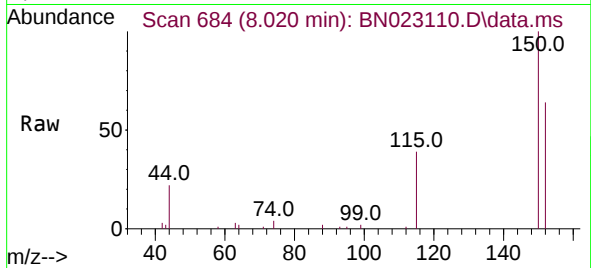
Reviewed By : Christian Giraldo 12/10/2022  
 Supervised By : Jagrut Upadhyay 12/13/2022





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.020 min Scan# 684  
 Delta R.T. 0.000 min  
 Lab File: BN023110.D  
 Acq: 09 Dec 2022 17:05

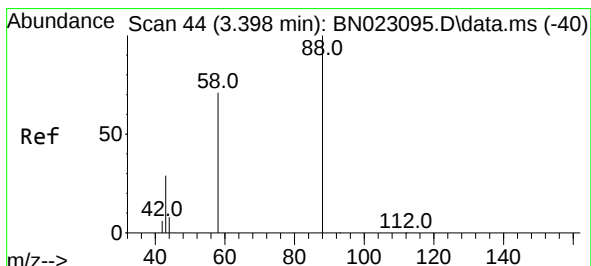
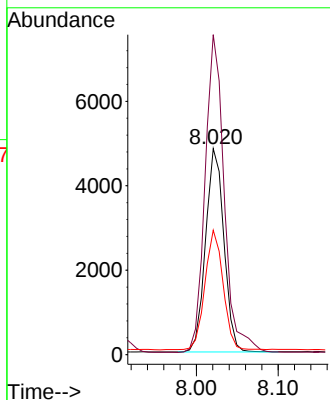
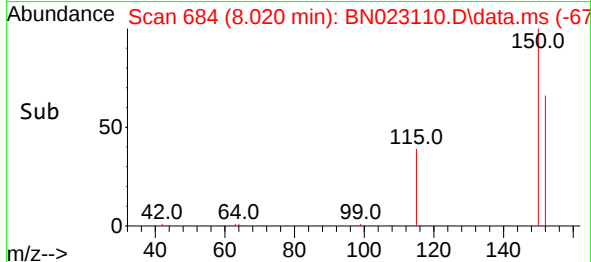
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022



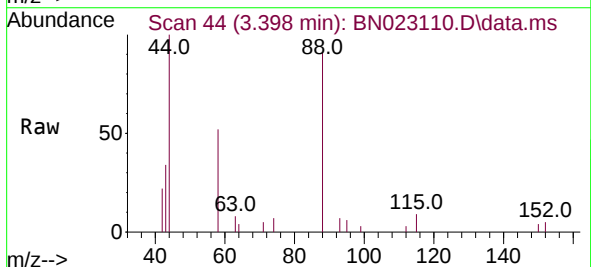
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 Ion Ratio Lower Upper  
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 150 155.3 125.6 188.4  
 115 60.4 49.0 73.4

Manual Integrations  
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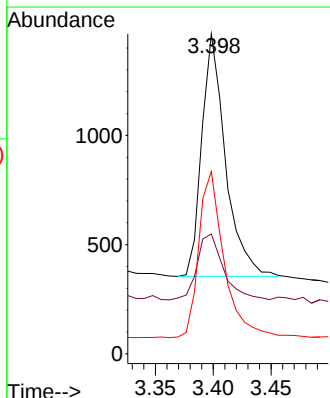
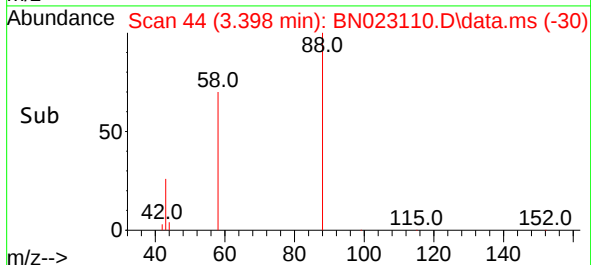
Reviewed By :Christian Giraldo 12/10/2022  
 Supervised By :Jagrut Upadhyay 12/13/2022



#2  
 1,4-Dioxane  
 Concen: 0.213 ng  
 RT: 3.398 min Scan# 44  
 Delta R.T. 0.000 min  
 Lab File: BN023110.D  
 Acq: 09 Dec 2022 17:05



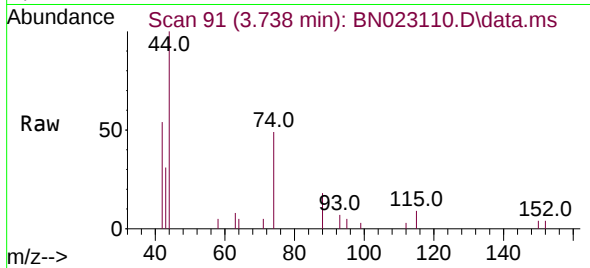
Tgt Ion: 88 Resp: 1579  
 Ion Ratio Lower Upper  
 88 100  
 43 30.3 23.3 34.9  
 58 73.2 58.0 87.0





#3  
n-Nitrosodimethylamine  
Concen: 0.203 ng  
RT: 3.738 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

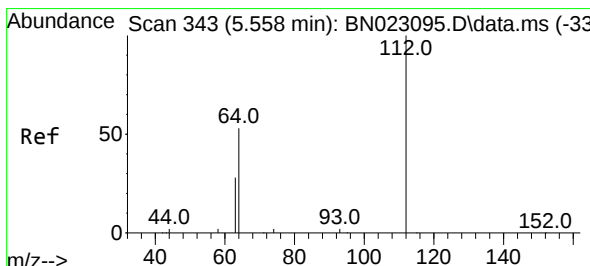
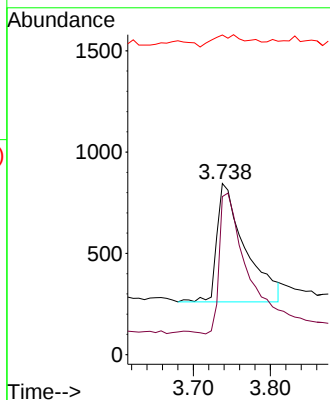
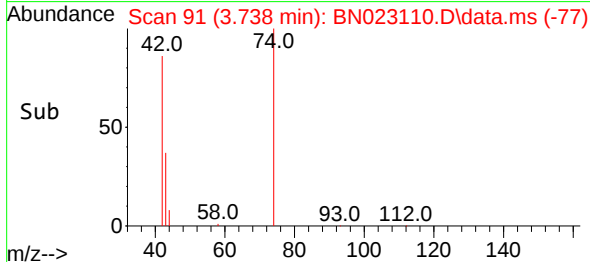
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



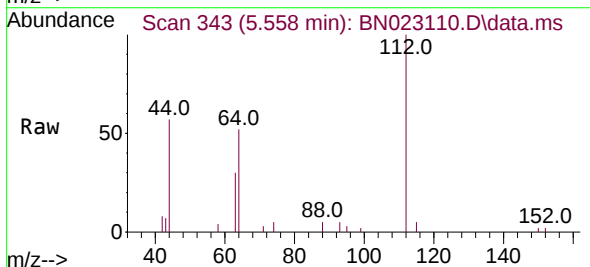
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Ion Ratio Lower Upper  
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44 12.5 8.4 12.6

Manual Integrations  
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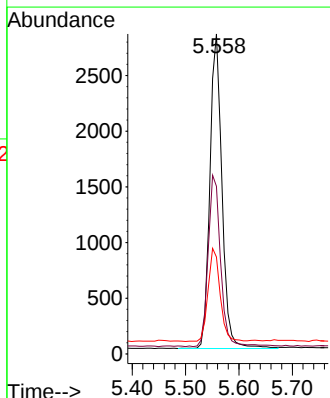
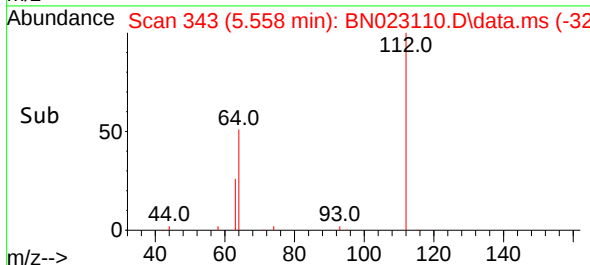
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

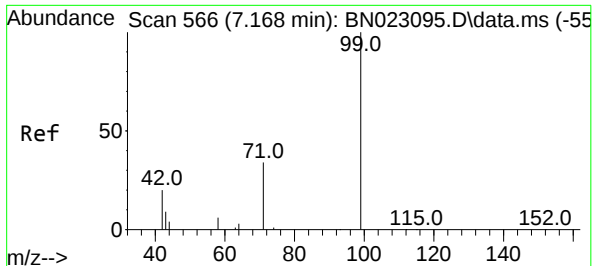


#4  
2-Fluorophenol  
Concen: 0.319 ng  
RT: 5.558 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



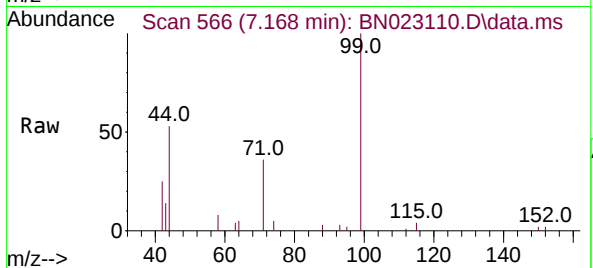
Tgt Ion: 112 Resp: 4461  
Ion Ratio Lower Upper  
112 100  
64 56.2 44.4 66.6  
63 29.5 23.7 35.5





#5  
Phenol-d6  
Concen: 0.309 ng  
RT: 7.168 min Scan# 566  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

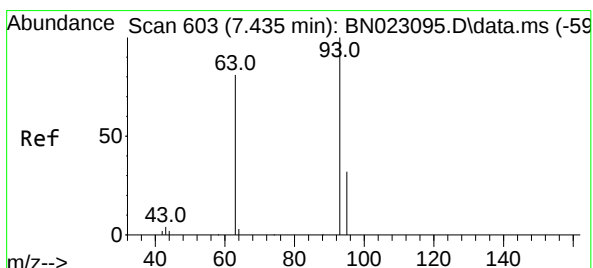
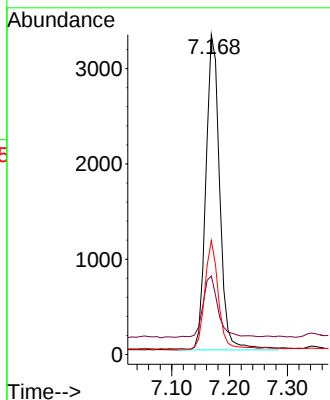
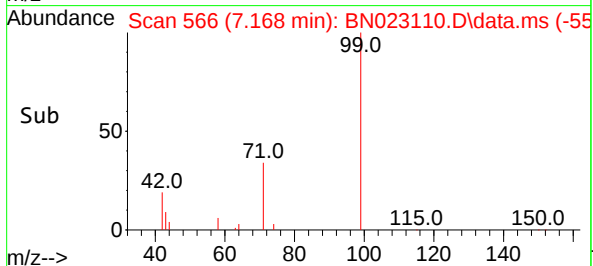
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 99 Resp: 5489  
Ion Ratio Lower Upper  
99 100  
42 21.1 16.3 24.5  
71 33.1 26.5 39.7

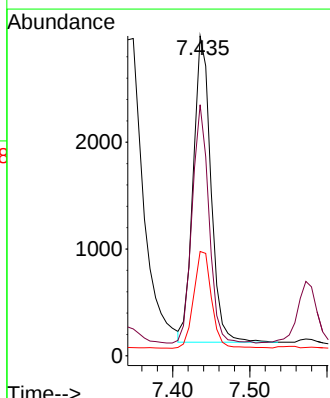
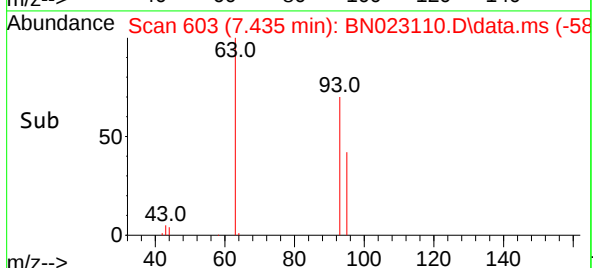
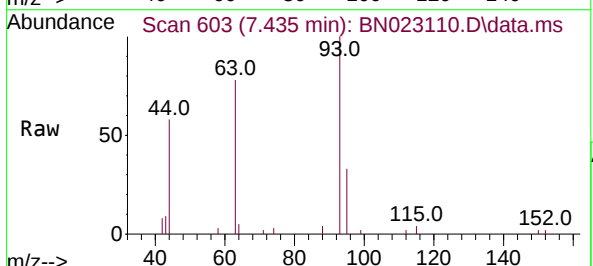
Manual Integrations  
APPROVED

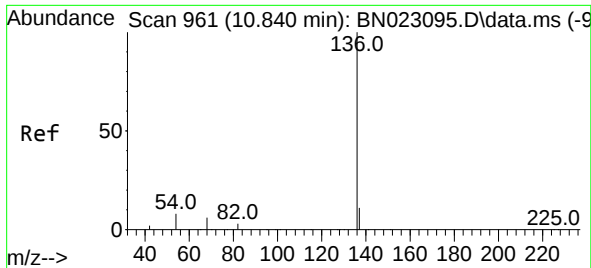
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.225 ng  
RT: 7.435 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

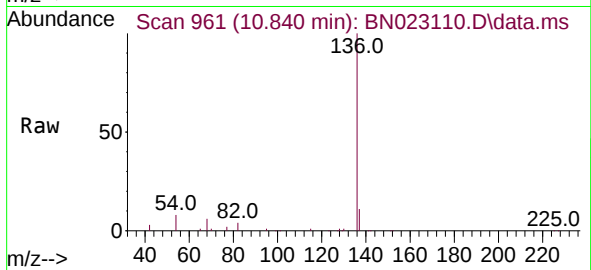
Tgt Ion: 93 Resp: 4554  
Ion Ratio Lower Upper  
93 100  
63 74.0 58.1 87.1  
95 32.2 25.2 37.8





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.840 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

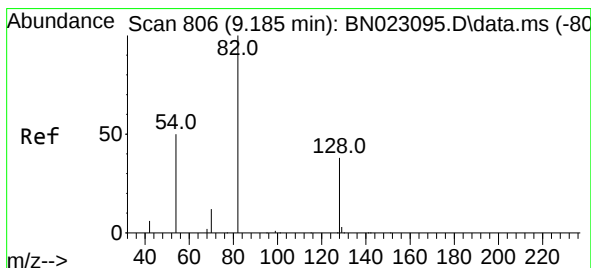
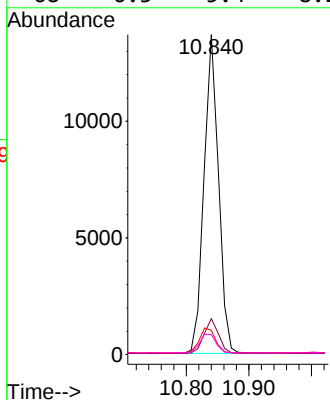
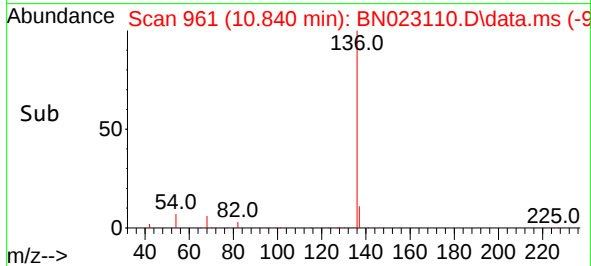
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.2  | 9.0   | 13.4  |
| 54      | 7.6   | 6.5   | 9.7   |
| 68      | 6.3   | 5.4   | 8.2   |

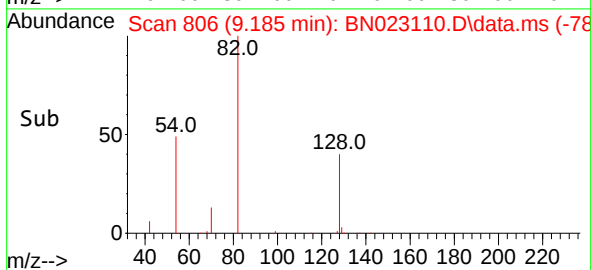
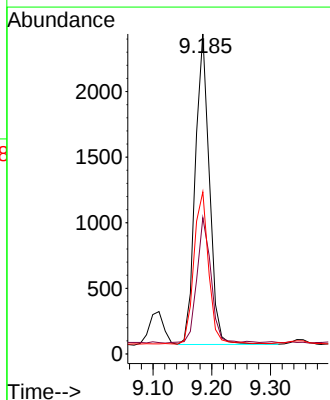
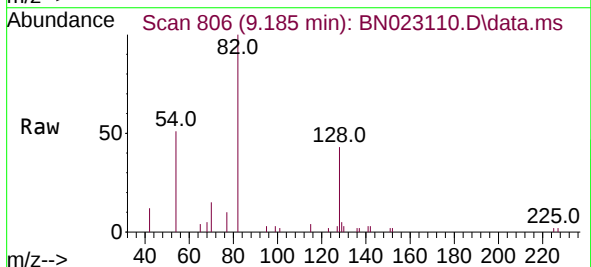
Manual Integrations  
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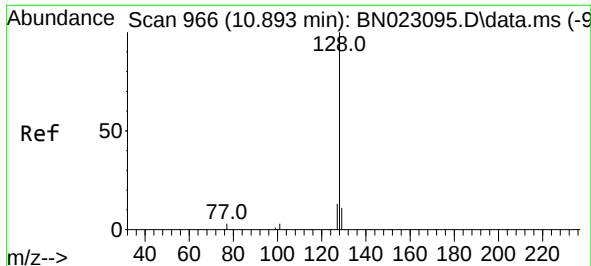
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#8  
Nitrobenzene-d5  
Concen: 0.271 ng  
RT: 9.185 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.6  | 31.4  | 47.2  |
| 54      | 50.6  | 41.0  | 61.4  |





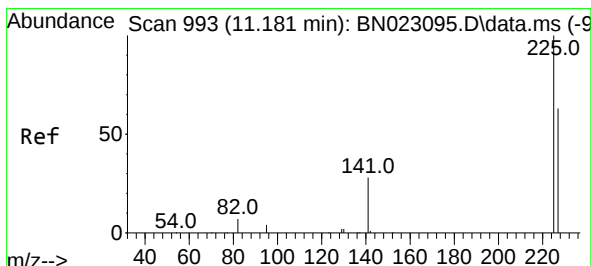
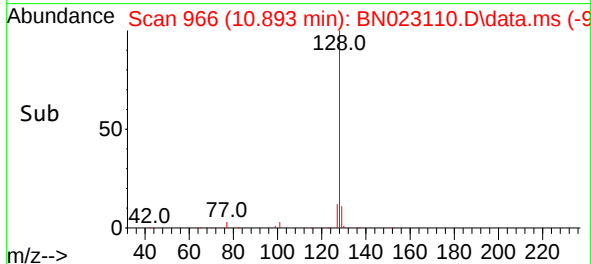
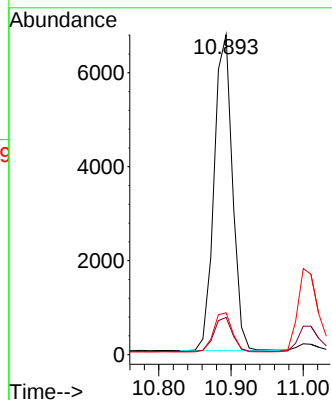
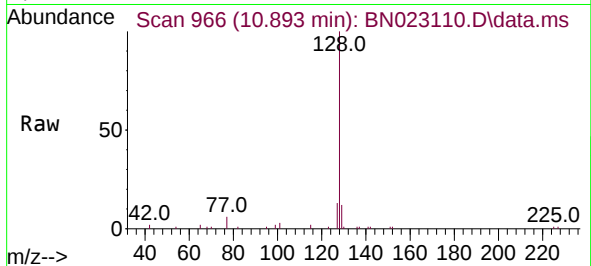
#9  
Naphthalene  
Concen: 0.212 ng  
RT: 10.893 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:128 Resp: 11906  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.0 13.6  
127 13.1 10.5 15.7

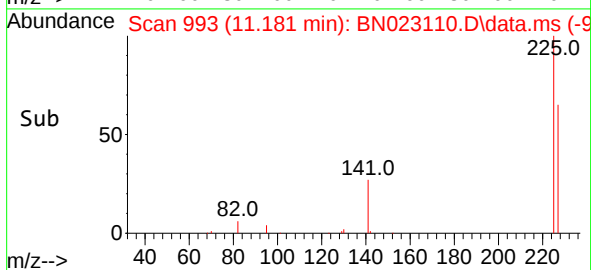
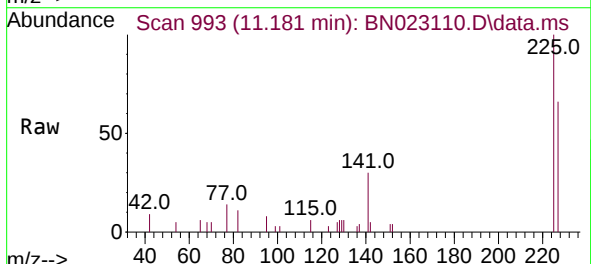
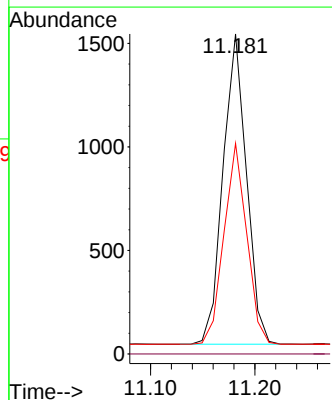
Manual Integrations  
APPROVED

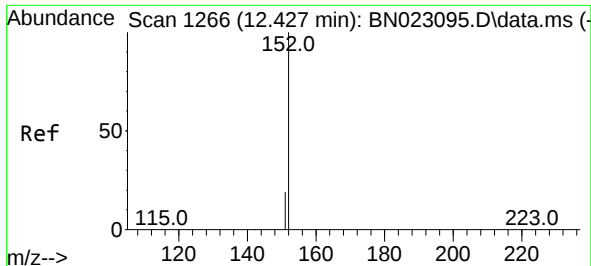
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#10  
Hexachlorobutadiene  
Concen: 0.218 ng  
RT: 11.181 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

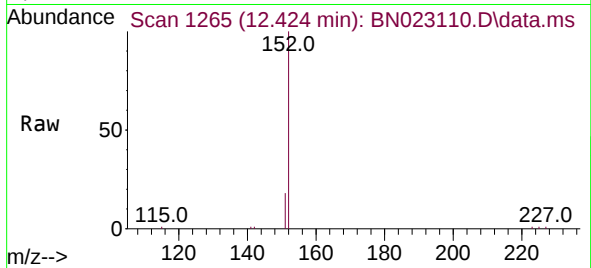
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Ion Ratio Lower Upper  
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223 0.0 0.0 0.0  
227 63.0 51.1 76.7





#11  
2-Methylnaphthalene-d10  
Concen: 0.445 ng  
RT: 12.424 min Scan# 1184  
Delta R.T. -0.004 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

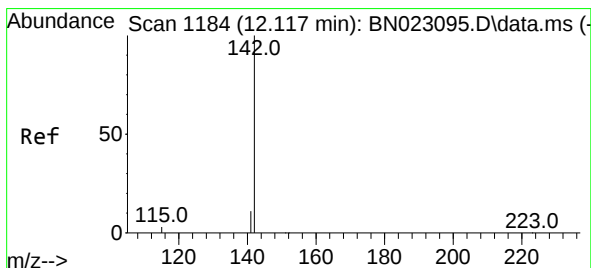
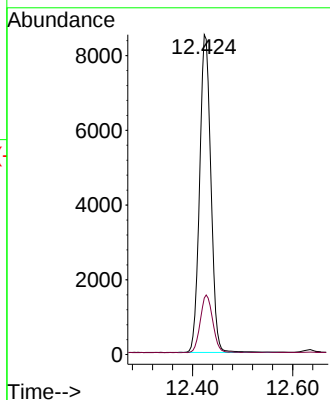
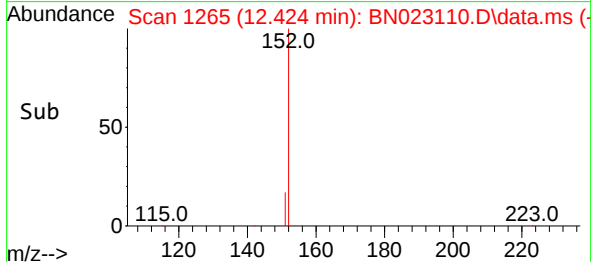
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LOD-MDL-WATER-01-QT4-2022



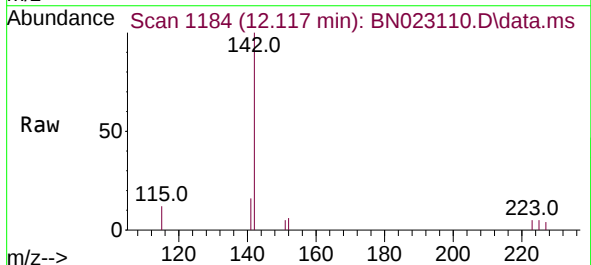
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

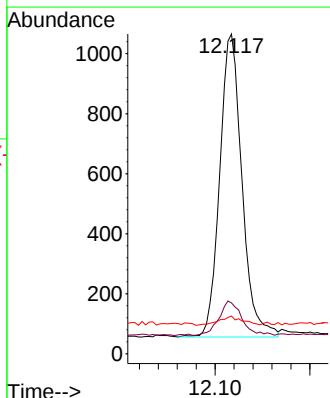
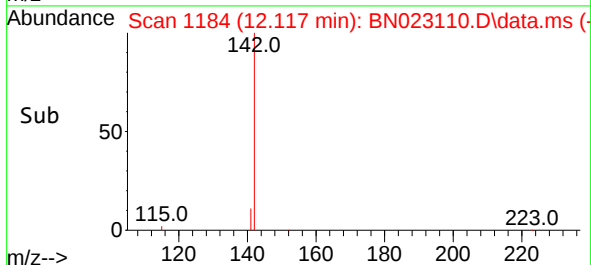
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

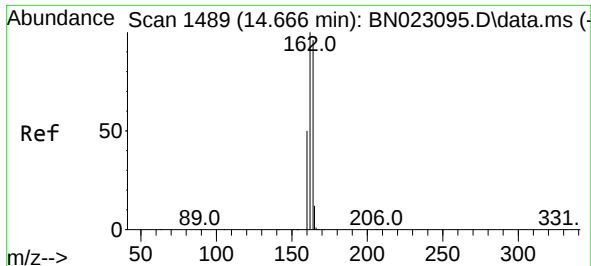


#12  
2-Methylnaphthalene  
Concen: 0.197 ng  
RT: 12.117 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



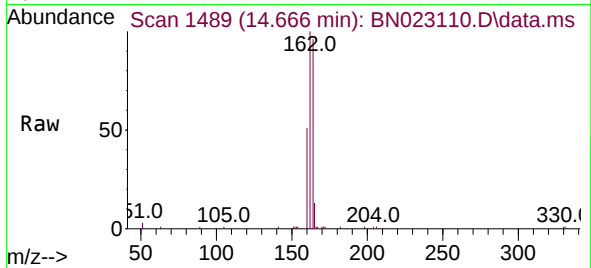
Tgt Ion:142 Resp: 1648  
Ion Ratio Lower Upper  
142 100  
141 15.9 10.9 16.3  
115 11.8 5.7 8.5#





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.666 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

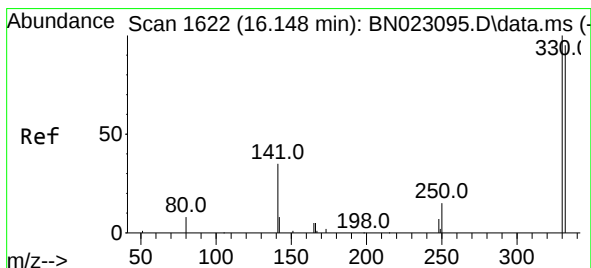
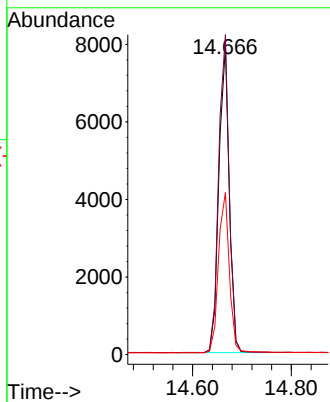
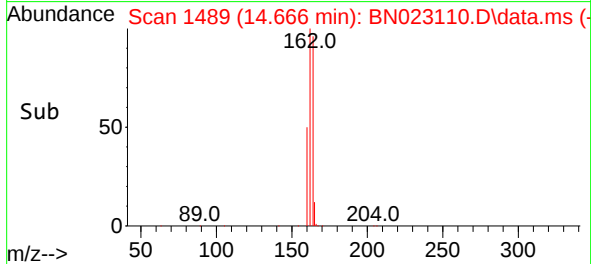
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



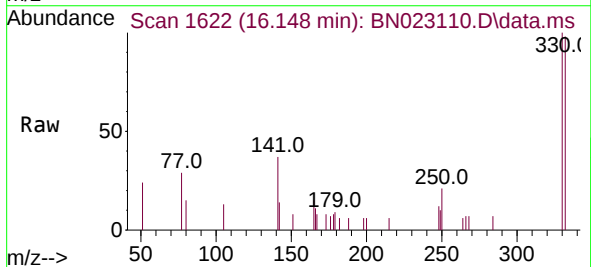
Tgt Ion:164 Resp: 11520  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.4 125.0  
160 52.6 41.8 62.8

Manual Integrations  
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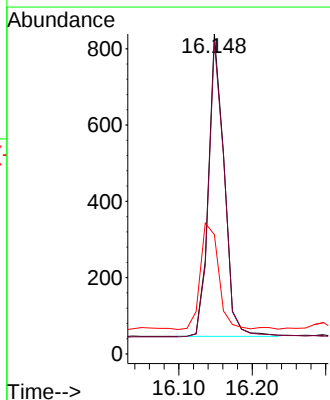
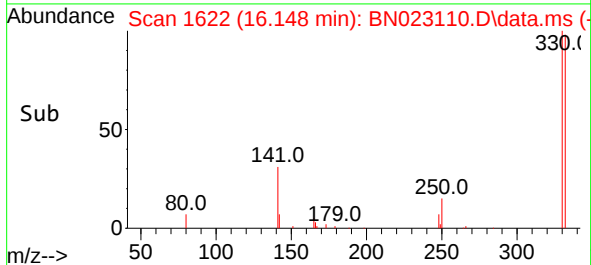
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

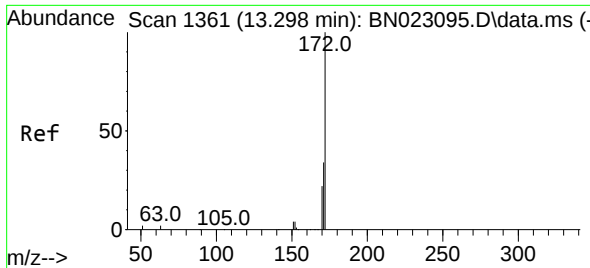


#14  
2,4,6-Tribromophenol  
Concen: 0.282 ng  
RT: 16.148 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



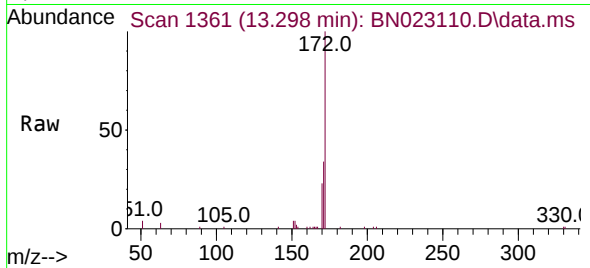
Tgt Ion:330 Resp: 1180  
Ion Ratio Lower Upper  
330 100  
332 98.6 77.3 115.9  
141 40.9 33.5 50.3





#15  
2-Fluorobiphenyl  
Concen: 0.290 ng  
RT: 13.298 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

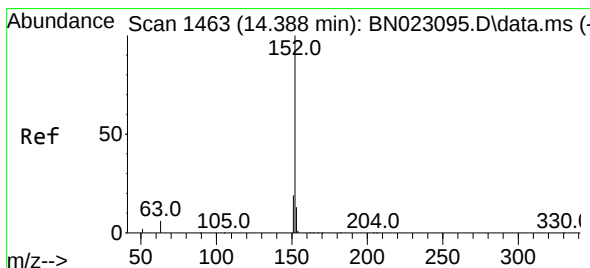
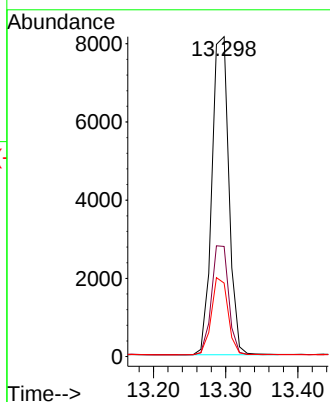
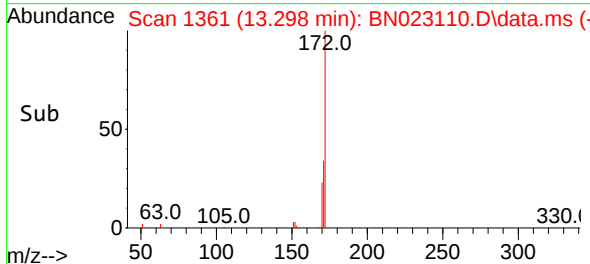
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



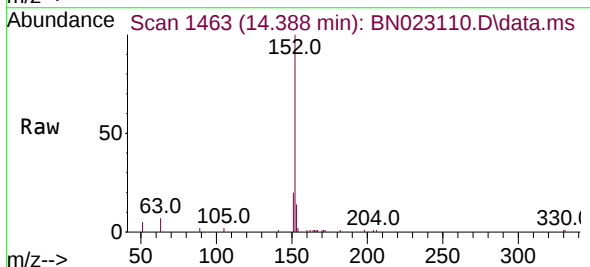
Tgt Ion:172 Resp: 13363  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.4 41.0  
170 23.0 17.9 26.9

Manual Integrations  
APPROVED

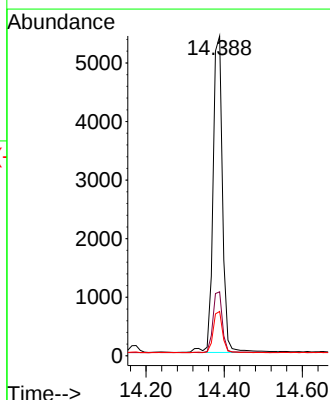
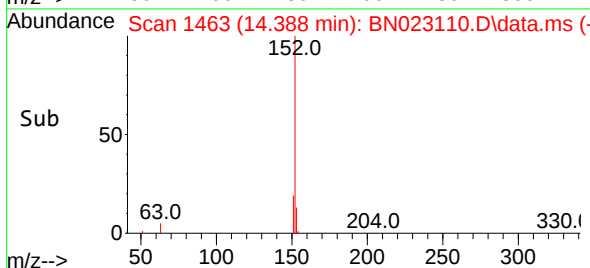
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

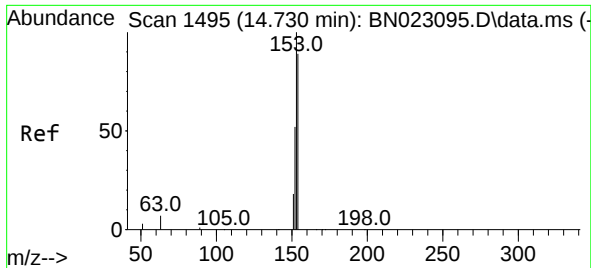


#16  
Acenaphthylene  
Concen: 0.197 ng  
RT: 14.388 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



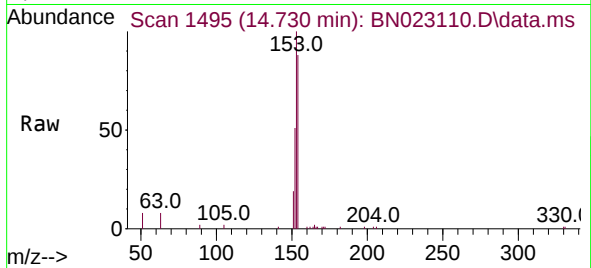
Tgt Ion:152 Resp: 9143  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.4 23.2  
153 12.9 10.3 15.5





#17  
Acenaphthene  
Concen: 0.202 ng  
RT: 14.730 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

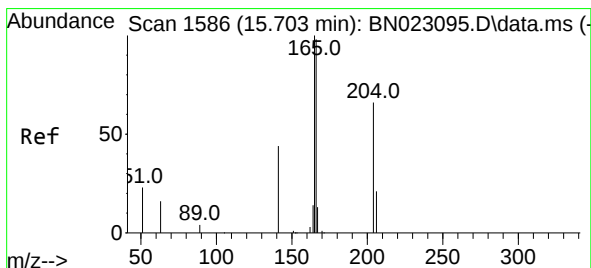
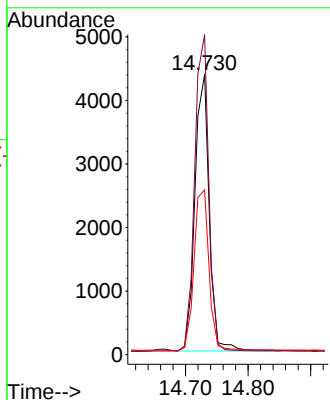
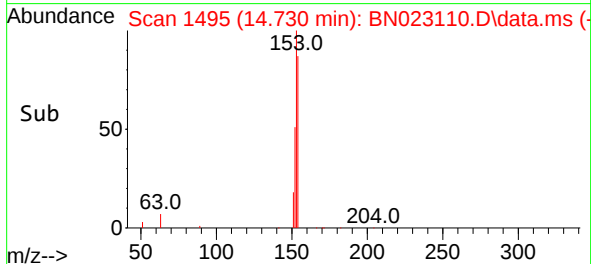
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



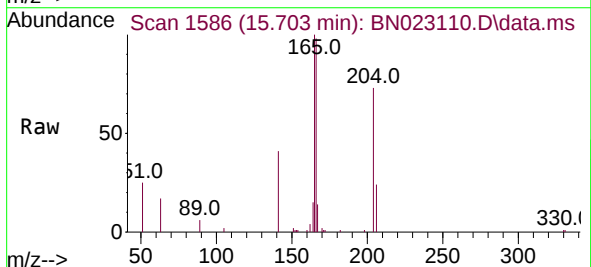
Tgt Ion:154 Resp: 6891  
Ion Ratio Lower Upper  
154 100  
153 112.6 88.6 132.8  
152 60.6 48.1 72.1

Manual Integrations  
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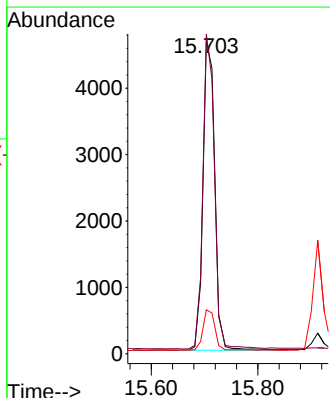
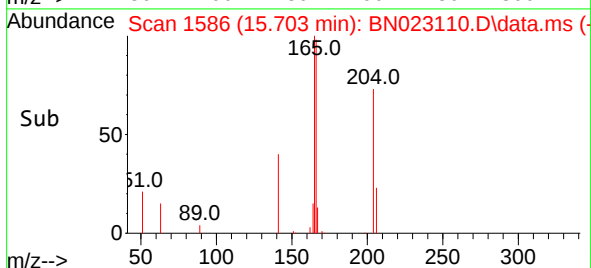
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

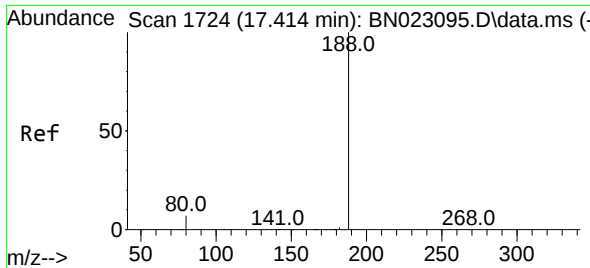


#18  
Fluorene  
Concen: 0.198 ng  
RT: 15.703 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



Tgt Ion:166 Resp: 7547  
Ion Ratio Lower Upper  
166 100  
165 99.2 79.8 119.6  
167 13.4 10.6 16.0





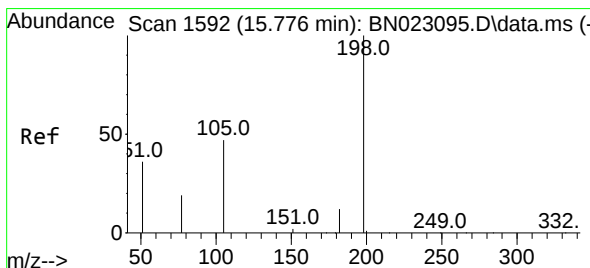
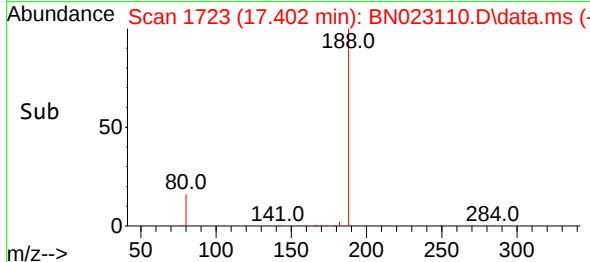
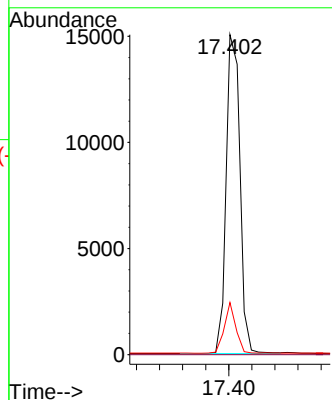
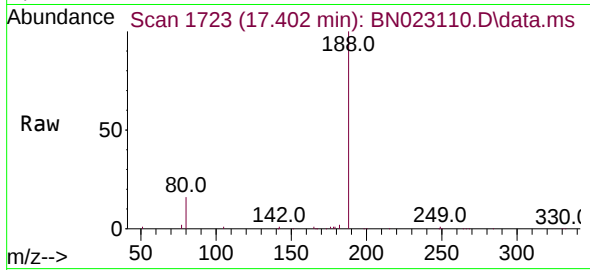
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.402 min Scan# 1723  
Delta R.T. -0.012 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:188 Resp: 24926  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.3 6.1 9.1

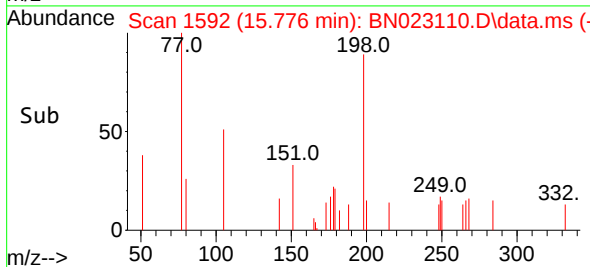
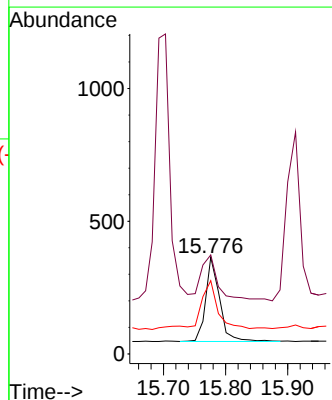
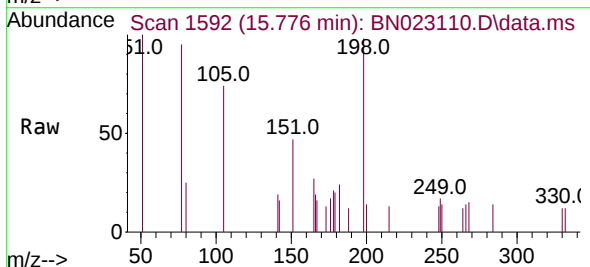
Manual Integrations  
APPROVED

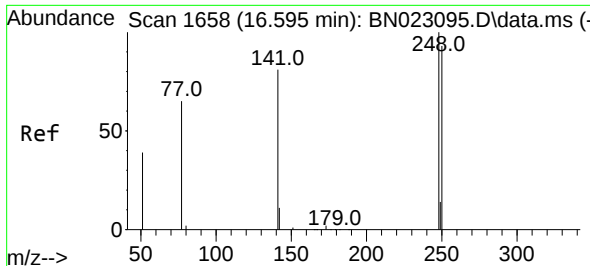
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.138 ng  
RT: 15.776 min Scan# 1592  
Delta R.T. -0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Tgt Ion:198 Resp: 490  
Ion Ratio Lower Upper  
198 100  
51 102.5 57.0 85.4#  
105 75.8 47.2 70.8#





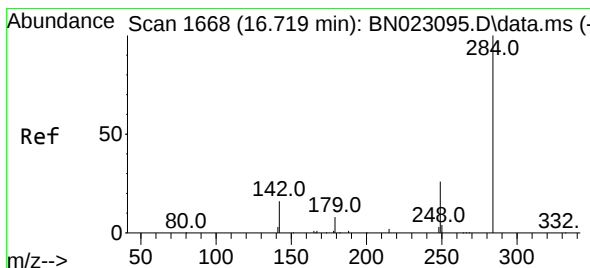
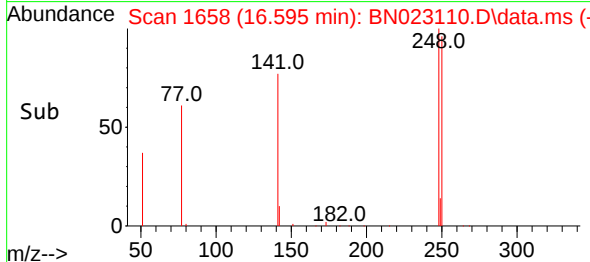
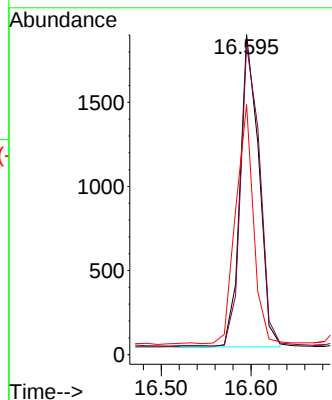
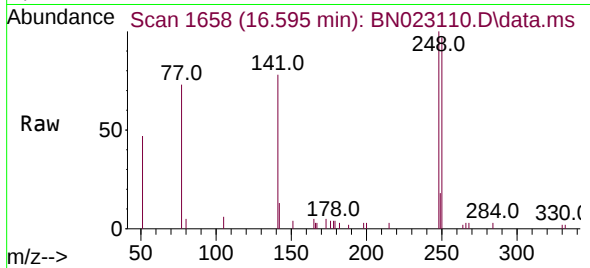
#21  
4-Bromophenyl-phenylether  
Concen: 0.202 ng  
RT: 16.595 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:248 Resp: 2682  
Ion Ratio Lower Upper  
248 100  
250 96.8 74.3 111.5  
141 78.1 65.0 97.6

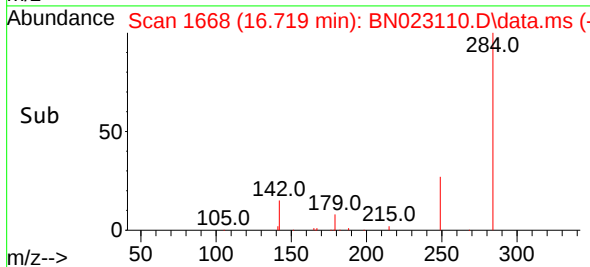
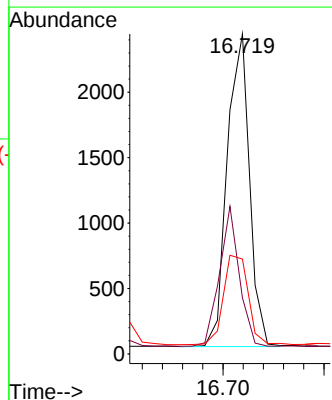
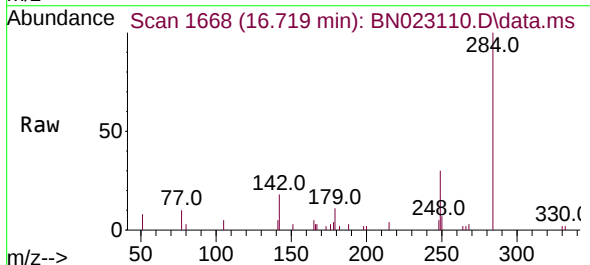
Manual Integrations  
APPROVED

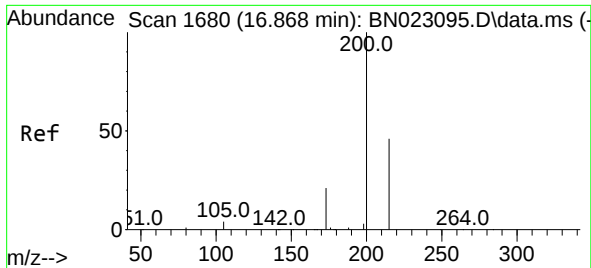
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#22  
Hexachlorobenzene  
Concen: 0.210 ng  
RT: 16.719 min Scan# 1668  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Tgt Ion:284 Resp: 3656  
Ion Ratio Lower Upper  
284 100  
142 39.7 31.0 46.4  
249 31.5 24.4 36.6





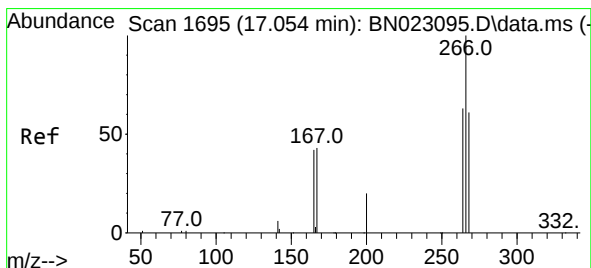
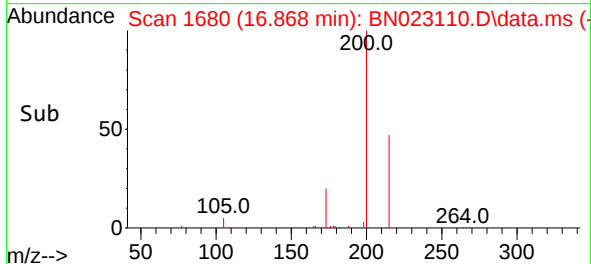
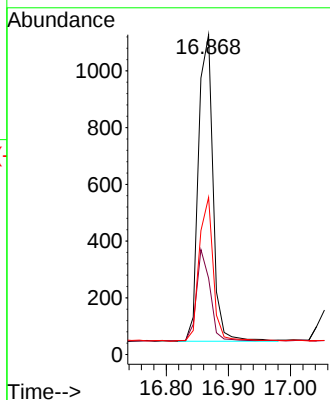
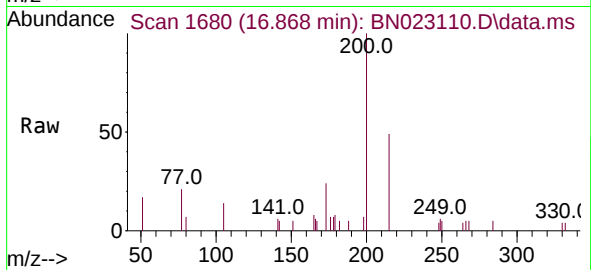
#23  
Atrazine  
Concen: 0.187 ng  
RT: 16.868 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:200 Resp: 1753  
Ion Ratio Lower Upper  
200 100  
173 23.8 18.2 27.4  
215 49.1 38.0 57.0

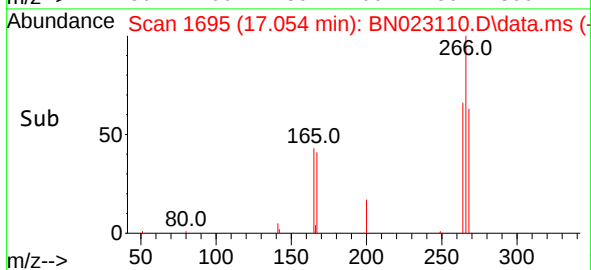
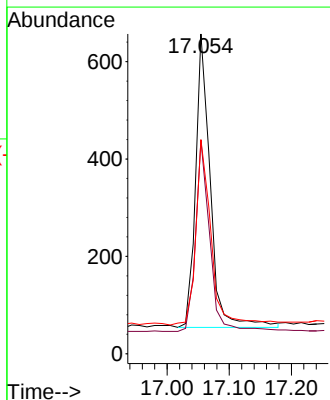
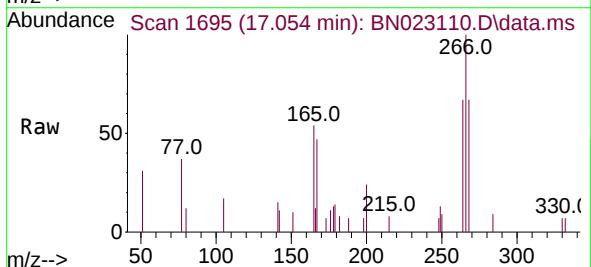
Manual Integrations  
APPROVED

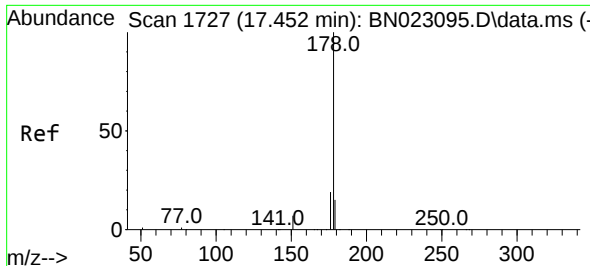
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#24  
Pentachlorophenol  
Concen: 0.163 ng  
RT: 17.054 min Scan# 1695  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

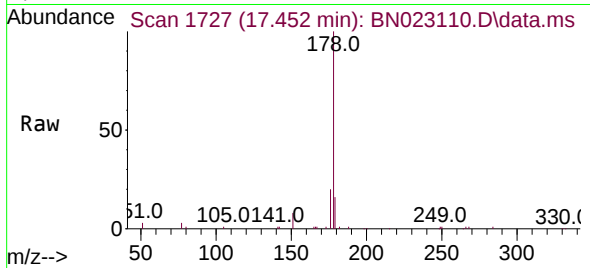
Tgt Ion:266 Resp: 989  
Ion Ratio Lower Upper  
266 100  
264 62.4 50.1 75.1  
268 65.3 49.7 74.5





#25  
Phenanthrene  
Concen: 0.195 ng  
RT: 17.452 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

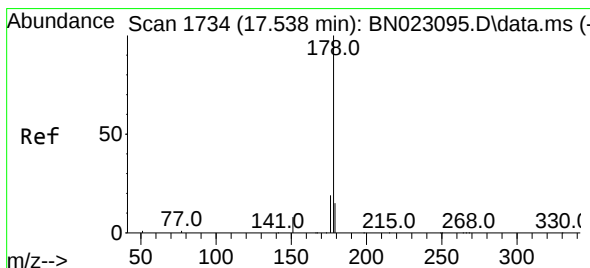
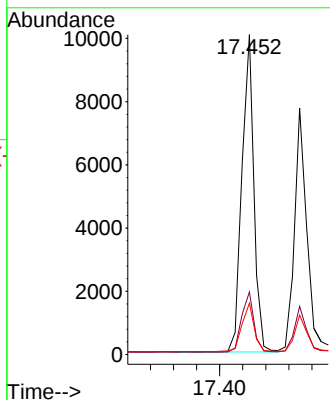
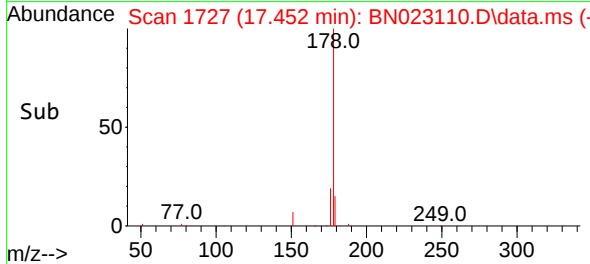
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



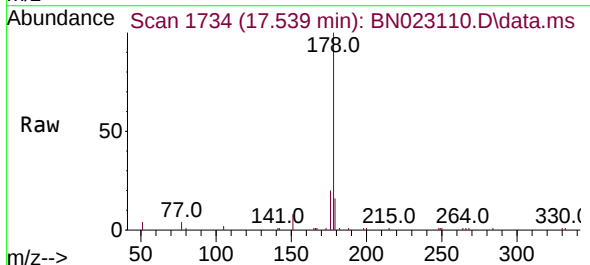
Tgt Ion:178 Resp: 14494  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.5 12.2 18.2

Manual Integrations  
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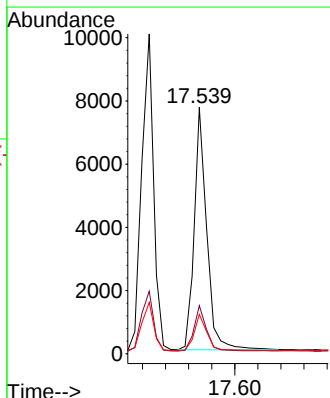
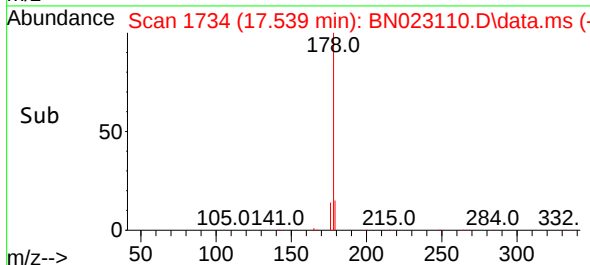
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

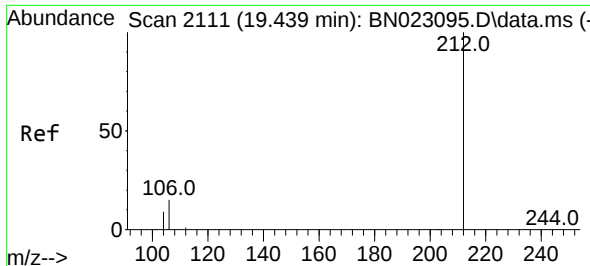


#26  
Anthracene  
Concen: 0.195 ng  
RT: 17.539 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



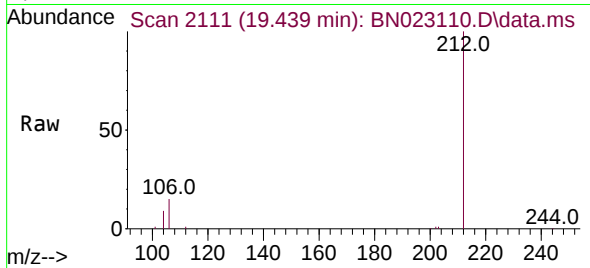
Tgt Ion:178 Resp: 11552  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 15.3 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.459 ng  
RT: 19.439 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

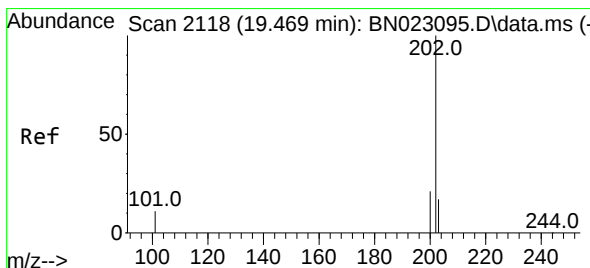
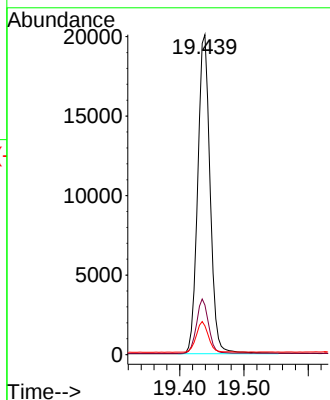
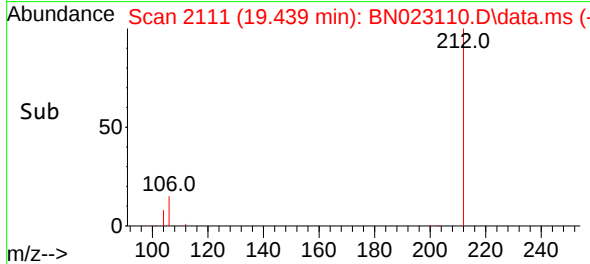
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:212 Resp: 2677  
Ion Ratio Lower Upper  
212 100  
106 16.7 13.0 19.4  
104 9.3 7.5 11.3

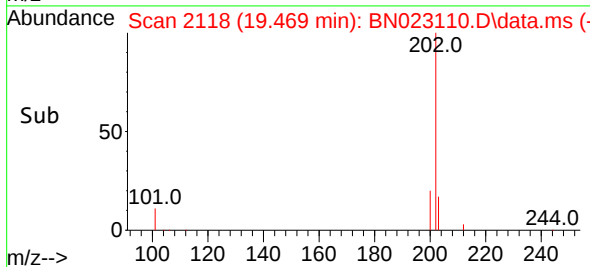
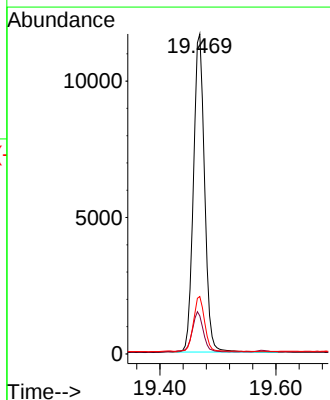
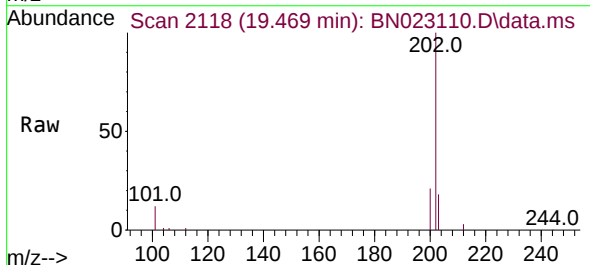
Manual Integrations  
APPROVED

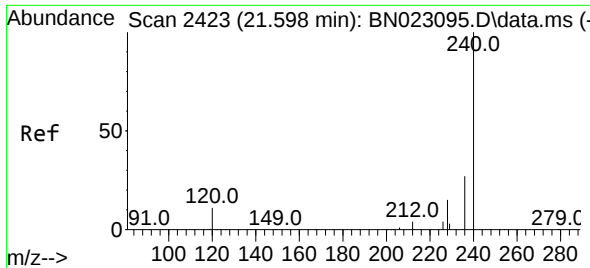
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#28  
Fluoranthene  
Concen: 0.195 ng  
RT: 19.469 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

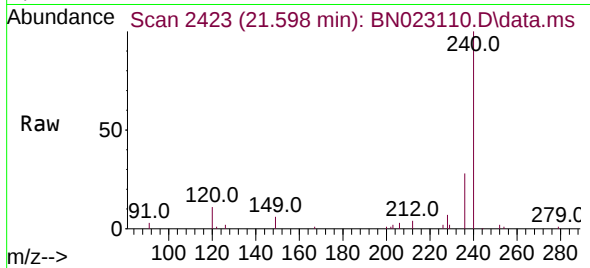
Tgt Ion:202 Resp: 15482  
Ion Ratio Lower Upper  
202 100  
101 13.0 9.7 14.5  
203 17.2 13.8 20.6





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.598 min Scan# 2423  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

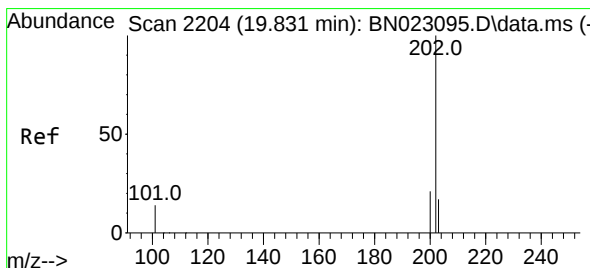
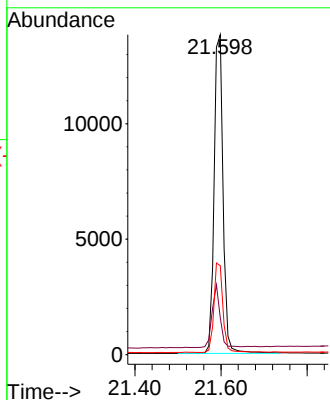
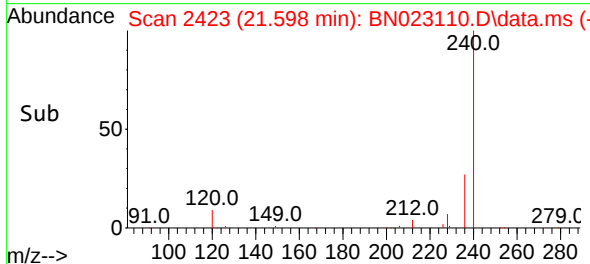
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



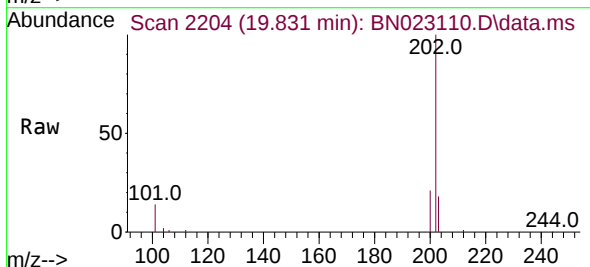
Tgt Ion:240 Resp: 20068  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.1 15.1  
236 27.8 22.2 33.4

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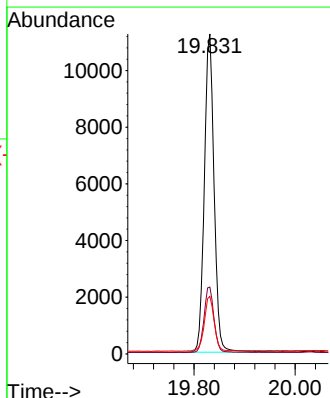
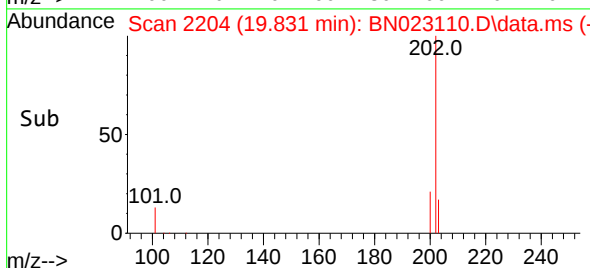
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022

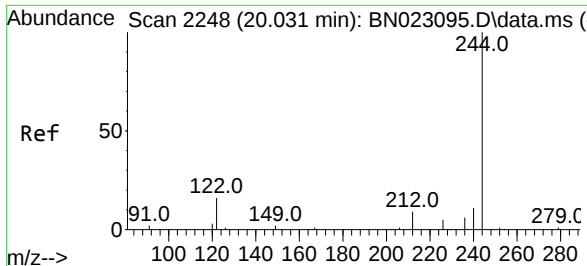


#30  
Pyrene  
Concen: 0.205 ng  
RT: 19.831 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05



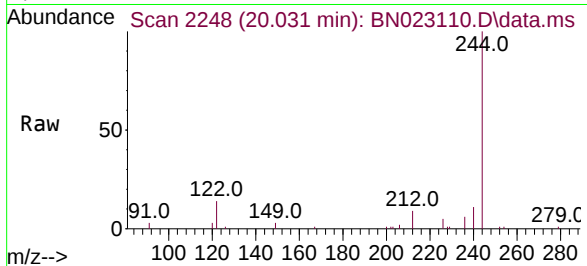
Tgt Ion:202 Resp: 15047  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.9 25.3  
203 17.6 14.2 21.4





#31  
 Terphenyl-d14  
 Concen: 0.300 ng  
 RT: 20.031 min Scan# 2110  
 Delta R.T. 0.000 min  
 Lab File: BN023110.D  
 Acq: 09 Dec 2022 17:05

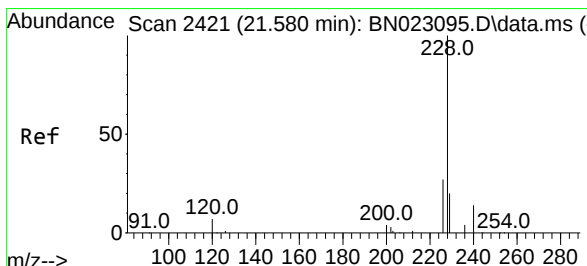
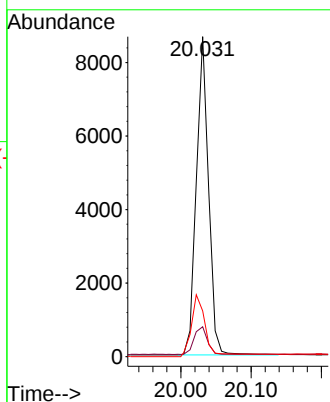
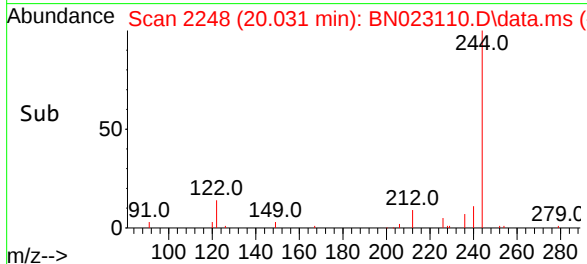
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022



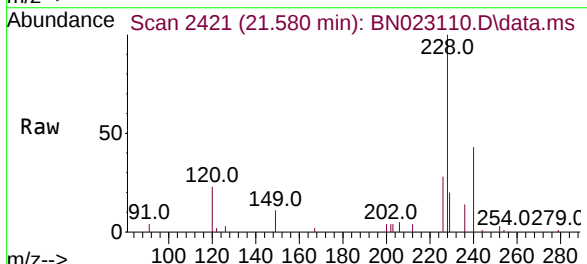
Tgt Ion:244 Resp: 9776  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.6 11.4  
 122 14.3 12.6 18.8

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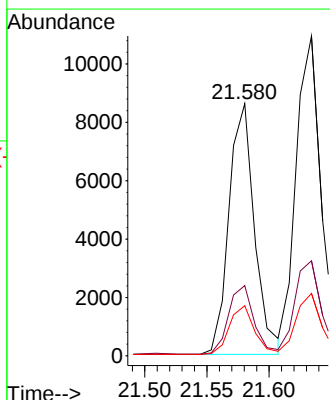
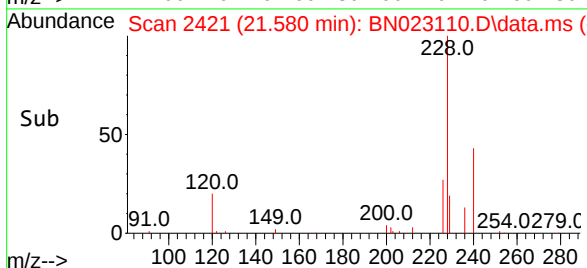
Reviewed By :Christian Giraldo 12/10/2022  
 Supervised By :Jagrut Upadhyay 12/13/2022

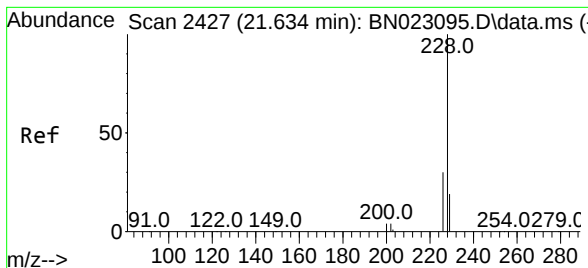


#32  
 Benzo(a)anthracene  
 Concen: 0.190 ng  
 RT: 21.580 min Scan# 2421  
 Delta R.T. 0.000 min  
 Lab File: BN023110.D  
 Acq: 09 Dec 2022 17:05



Tgt Ion:228 Resp: 12269  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 22.0 33.0  
 229 19.9 15.8 23.8





#33

Chrysene

Concen: 0.208 ng

RT: 21.634 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BN023110.D

Acq: 09 Dec 2022 17:05

Instrument :

BNA\_N

ClientSampleId :

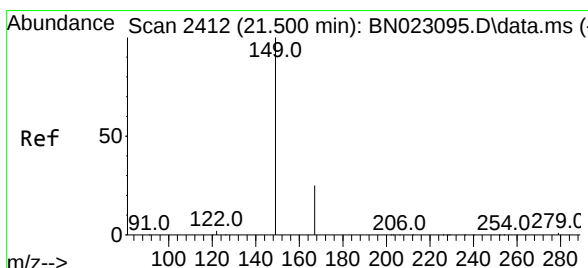
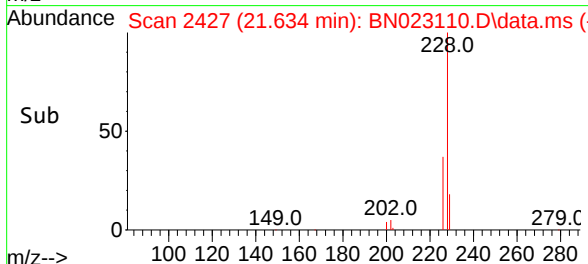
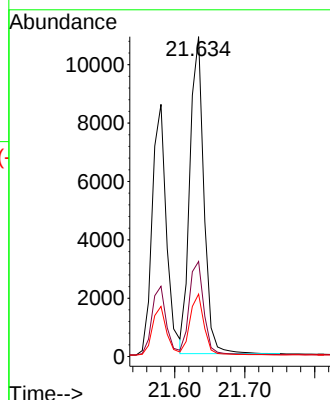
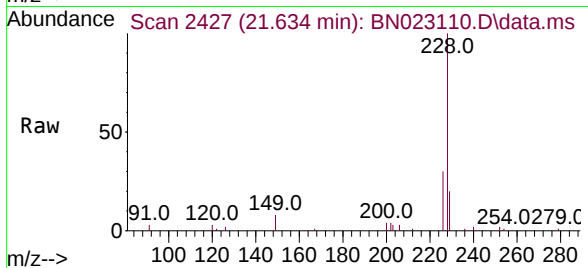
LOD-MDL-WATER-01-QT4-2022

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 1514 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.7  | 24.4  | 36.6 |
| 229       | 19.5  | 15.6  | 23.4 |

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.209 ng

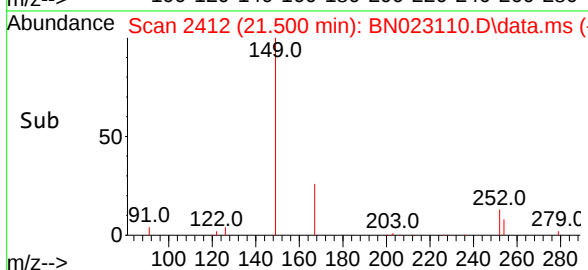
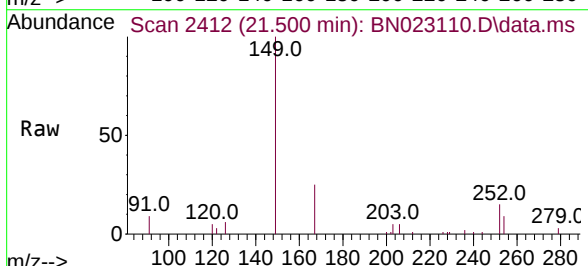
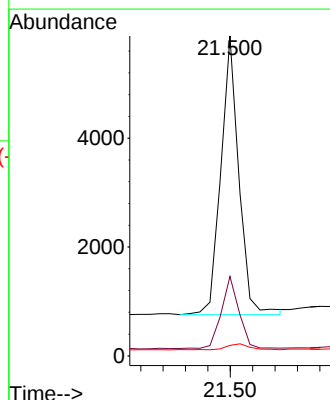
RT: 21.500 min Scan# 2412

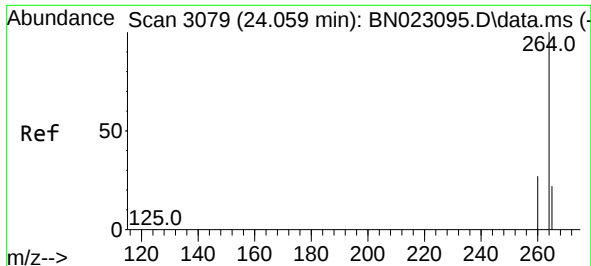
Delta R.T. 0.000 min

Lab File: BN023110.D

Acq: 09 Dec 2022 17:05

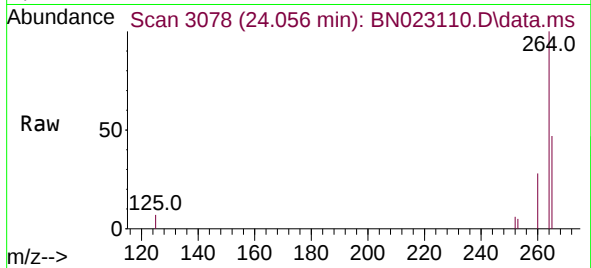
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 5718 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.0  | 20.2  | 30.2 |
| 279       | 2.6   | 2.3   | 3.5  |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.056 min Scan# 3079  
 Delta R.T. -0.003 min  
 Lab File: BN023110.D  
 Acq: 09 Dec 2022 17:05

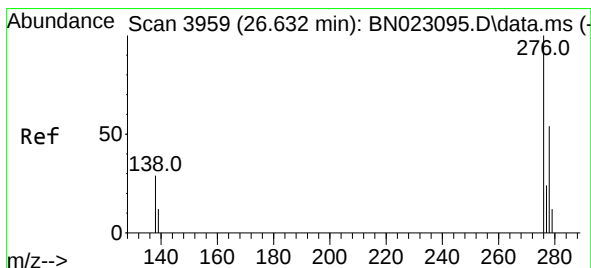
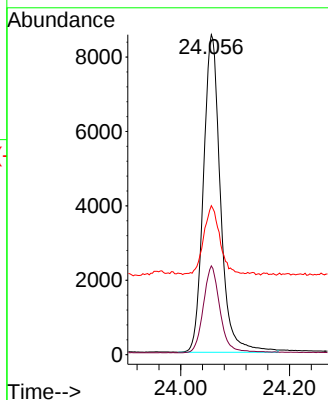
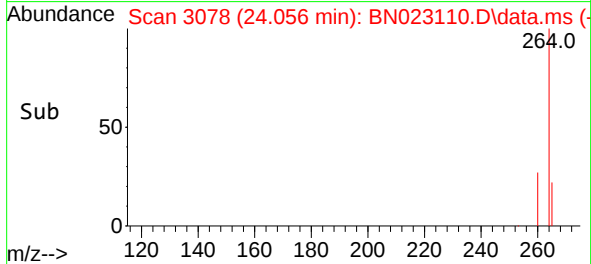
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion:264 Resp: 18643  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 21.7 32.5  
 265 46.5 43.2 64.8

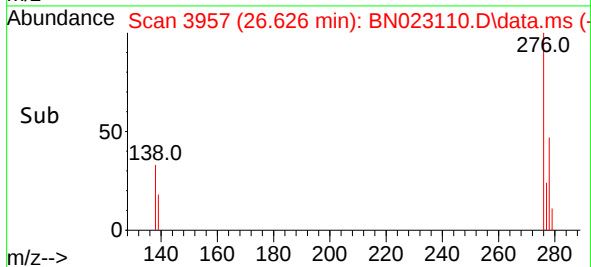
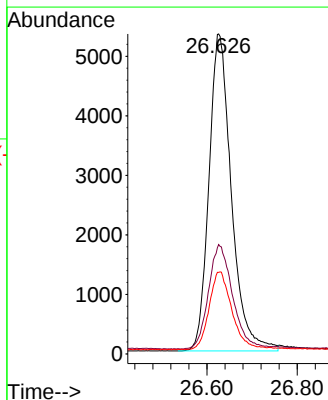
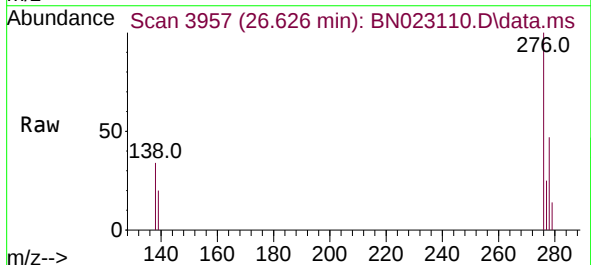
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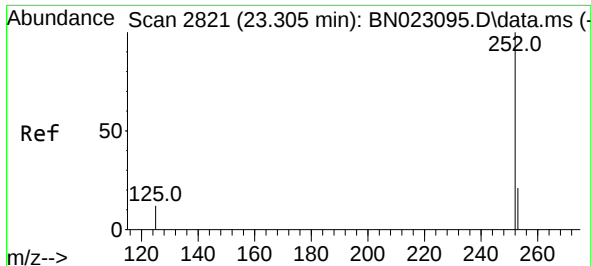
Reviewed By :Christian Giraldo 12/10/2022  
 Supervised By :Jagrut Upadhyay 12/13/2022



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.220 ng  
 RT: 26.626 min Scan# 3957  
 Delta R.T. -0.006 min  
 Lab File: BN023110.D  
 Acq: 09 Dec 2022 17:05

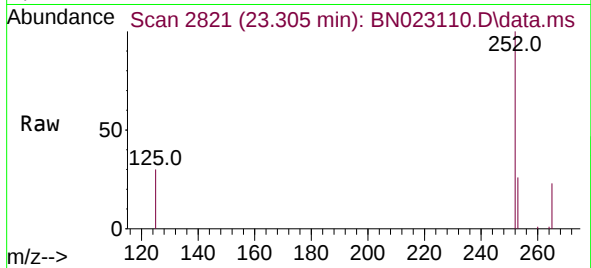
Tgt Ion:276 Resp: 18420  
 Ion Ratio Lower Upper  
 276 100  
 138 35.5 25.0 37.6  
 277 24.8 19.8 29.8





#37  
Benzo(b)fluoranthene  
Concen: 0.211 ng m  
RT: 23.305 min Scan# 2821  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

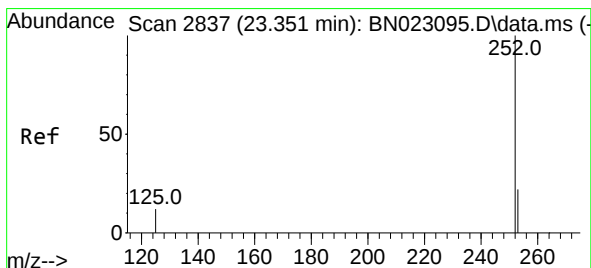
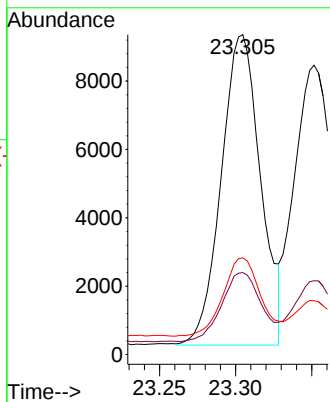
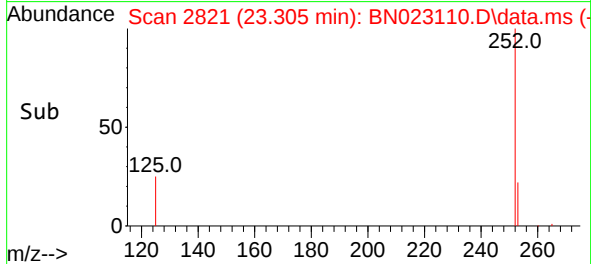
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:252 Resp: 16314  
Ion Ratio Lower Upper  
252 100  
253 25.6 19.0 28.4  
125 30.2 12.8 19.2

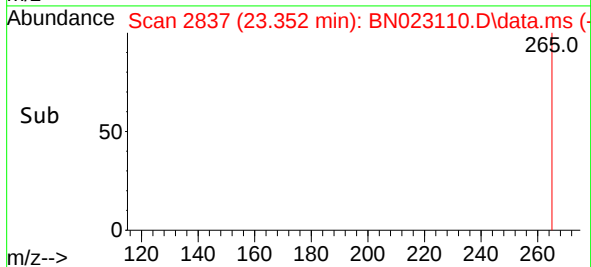
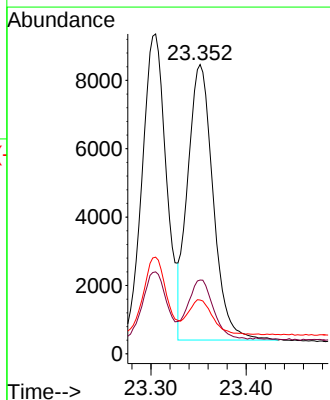
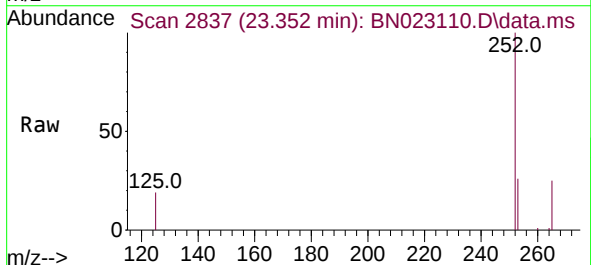
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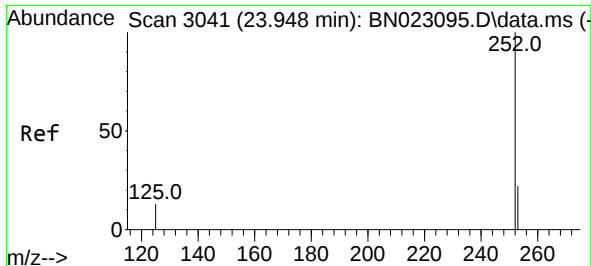
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#38  
Benzo(k)fluoranthene  
Concen: 0.191 ng  
RT: 23.352 min Scan# 2837  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

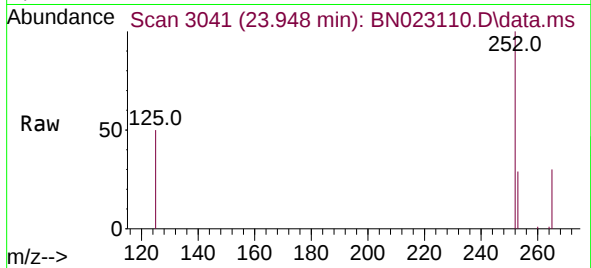
Tgt Ion:252 Resp: 14976  
Ion Ratio Lower Upper  
252 100  
253 25.5 19.1 28.7  
125 18.6 12.5 18.7





#39  
Benzo(a)pyrene  
Concen: 0.259 ng  
RT: 23.948 min Scan# 3041  
Delta R.T. 0.000 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

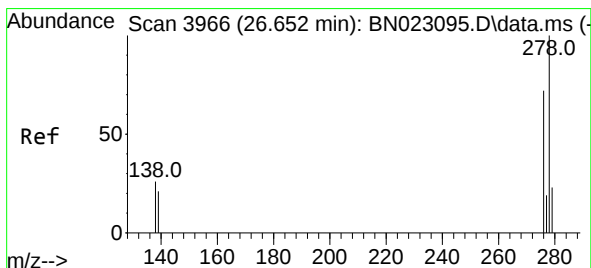
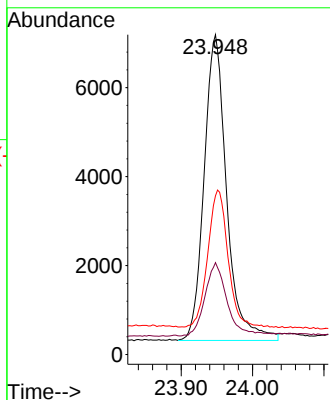
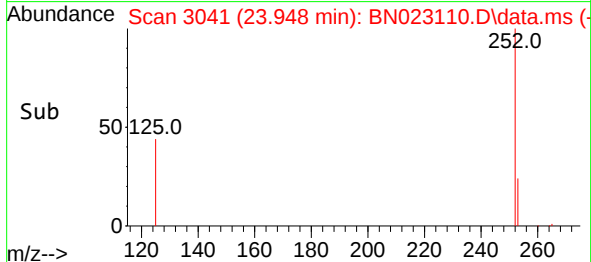
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:252 Resp: 15033  
Ion Ratio Lower Upper  
252 100  
253 28.7 20.6 30.8  
125 49.6 15.8 23.8

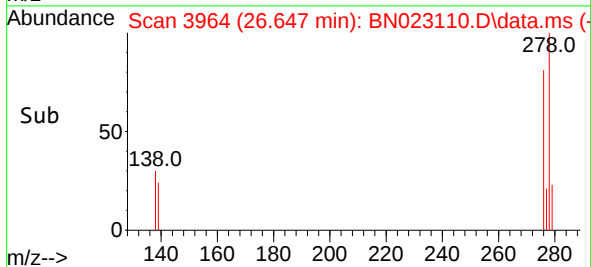
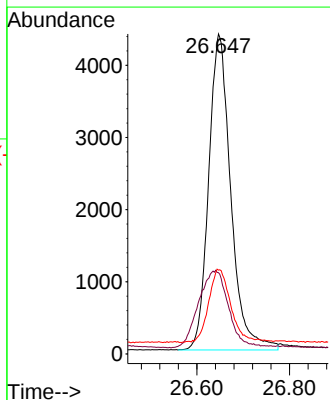
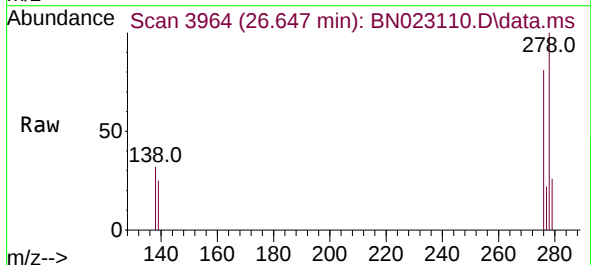
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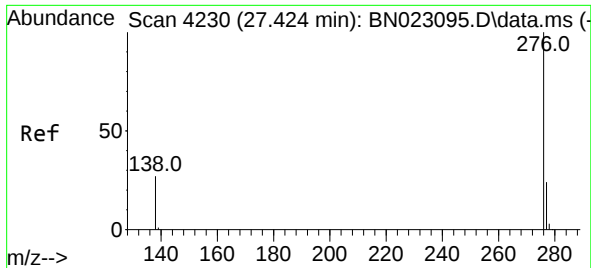
Reviewed By :Christian Giraldo 12/10/2022  
Supervised By :Jagrut Upadhyay 12/13/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.217 ng  
RT: 26.647 min Scan# 3964  
Delta R.T. -0.006 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

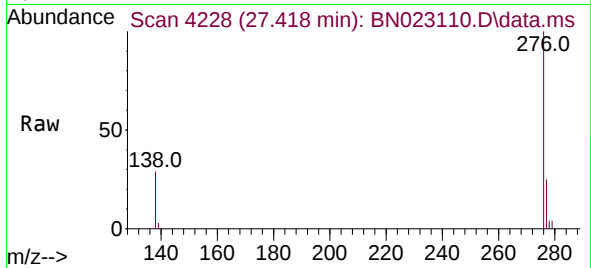
Tgt Ion:278 Resp: 14537  
Ion Ratio Lower Upper  
278 100  
139 25.4 17.5 26.3  
279 26.2 20.5 30.7





#41  
Benzo(g,h,i)perylene  
Concen: 0.194 ng  
RT: 27.418 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BN023110.D  
Acq: 09 Dec 2022 17:05

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 276 Resp: 13902  
Ion Ratio Lower Upper  
276 100  
277 25.5 19.9 29.9  
138 28.7 22.2 33.2

Manual Integrations  
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Reviewed By : Christian Giraldo 12/10/2022  
Supervised By : Jagrut Upadhyay 12/13/2022

