

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031722\  
 Data File : BN019003.D  
 Acq On : 17 Mar 2022 20:19  
 Operator : CG/JU  
 Sample : N1645-07  
 Misc : LOD-MDL-WATER 0.1ng  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 18 02:00:38 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 01:58:41 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022  
 Supervised By :Jagrut Upadhyay 03/18/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 5052     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 13286    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.495 | 164  | 8531     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.236 | 188  | 17311    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.422 | 240  | 10882    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.793 | 264  | 7463     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 4268     | 0.377 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.017  | 99   | 3892     | 0.328 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 2884     | 0.301 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.253 | 152  | 7476     | 0.339 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.985 | 330  | 1119     | 0.272 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.127 | 172  | 11593    | 0.339 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.265 | 212  | 17732    | 0.345 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.860 | 244  | 10623    | 0.397 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.247  | 88   | 588      | 0.094 | ng    | # 95     |
| 3) n-Nitrosodimethylamine     | 3.579  | 42   | 676      | 0.093 | ng    | 92       |
| 6) bis(2-Chloroethyl)ether    | 7.269  | 93   | 1263     | 0.089 | ng    | 100      |
| 9) Naphthalene                | 10.712 | 128  | 3695     | 0.098 | ng    | # 94     |
| 10) Hexachlorobutadiene       | 11.011 | 225  | 887      | 0.096 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.325 | 142  | 2386     | 0.093 | ng    | 95       |
| 16) Acenaphthylene            | 14.217 | 152  | 3208     | 0.081 | ng    | 99       |
| 17) Acenaphthene              | 14.559 | 154  | 2495     | 0.090 | ng    | 99       |
| 18) Fluorene                  | 15.543 | 166  | 3009     | 0.086 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 83       | 0.039 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.426 | 248  | 815      | 0.075 | ng    | # 82     |
| 22) Hexachlorobenzene         | 16.549 | 284  | 1370     | 0.097 | ng    | 97       |
| 23) Atrazine                  | 16.692 | 200  | 662      | 0.081 | ng    | 90       |
| 24) Pentachlorophenol         | 16.897 | 266  | 199      | 0.046 | ng    | 95       |
| 25) Phenanthrene              | 17.277 | 178  | 4542     | 0.084 | ng    | 99       |
| 26) Anthracene                | 17.369 | 178  | 3294     | 0.072 | ng    | 100      |
| 28) Fluoranthene              | 19.295 | 202  | 5695     | 0.090 | ng    | 99       |
| 30) Pyrene                    | 19.657 | 202  | 5657     | 0.104 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.404 | 228  | 2415     | 0.072 | ng    | 95       |
| 33) Chrysene                  | 21.458 | 228  | 4408     | 0.097 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 2092     | 0.094 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.264 | 276  | 2415m    | 0.090 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.074 | 252  | 2441     | 0.090 | ng    | # 62     |
| 38) Benzo(k)fluoranthene      | 23.118 | 252  | 2956m    | 0.079 | ng    |          |
| 39) Benzo(a)pyrene            | 23.694 | 252  | 2778m    | 0.112 | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 26.290 | 278  | 1849m    | 0.088 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.998 | 276  | 2609m    | 0.099 | ng    |          |
| -----                         |        |      |          |       |       |          |

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

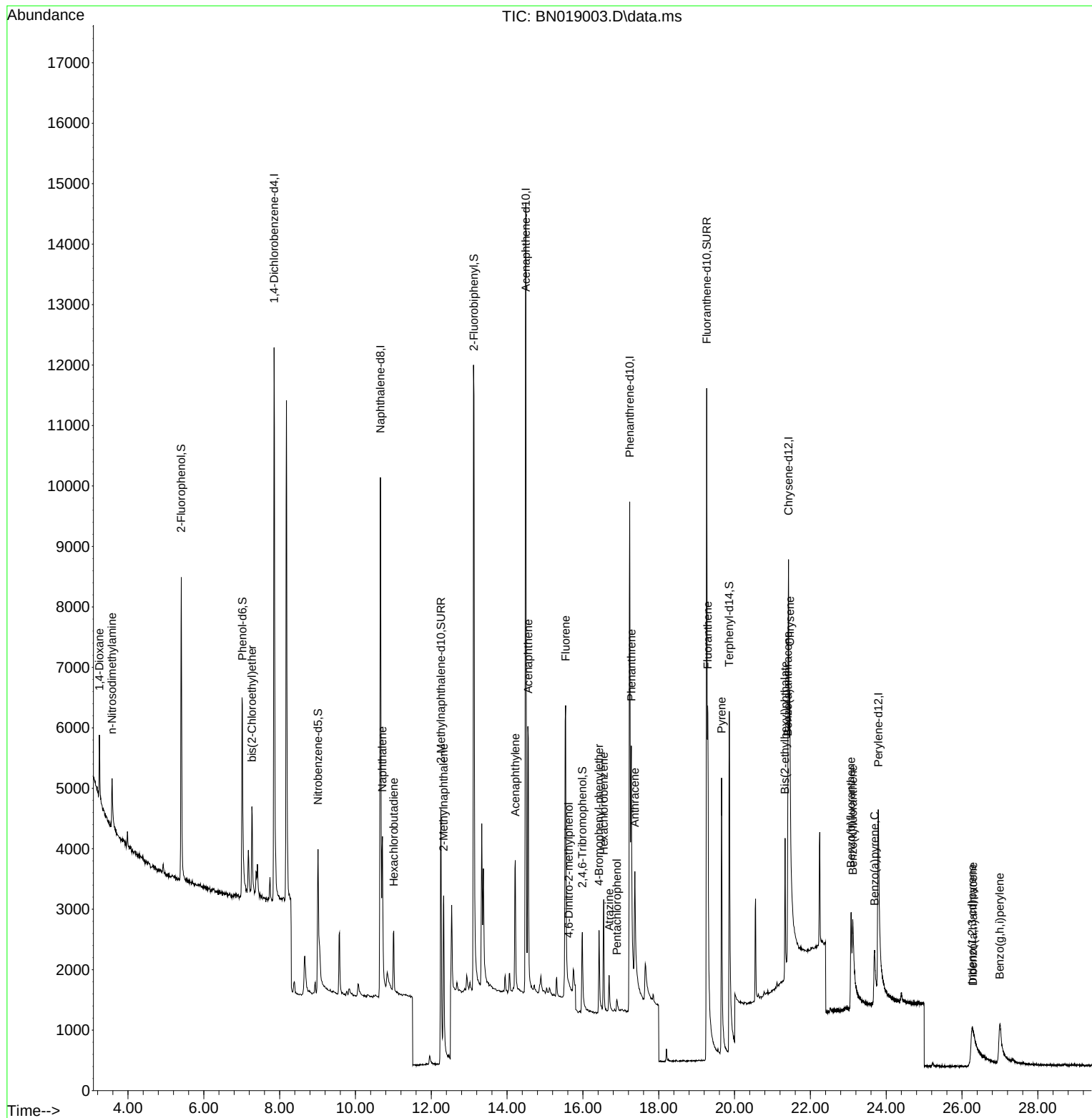
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 Data File : BN019003.D  
 Acq On : 17 Mar 2022 20:19  
 Operator : CG/JU  
 Sample : N1645-07  
 Misc : LOD-MDL-WATER 0.1ng  
 ALS Vial : 10 Sample Multiplier: 1

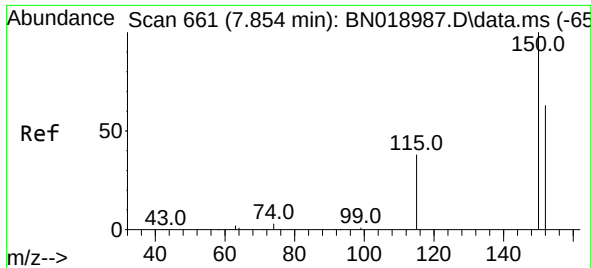
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 18 02:00:38 2022  
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 QLast Update : Fri Mar 18 01:58:41 2022  
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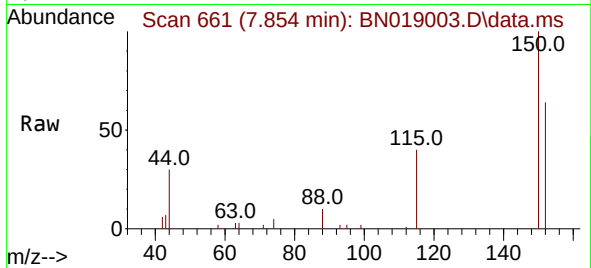
Reviewed By :Christian Giraldo 03/18/2022  
 Supervised By :Jagrut Upadhyay 03/18/2022





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 661  
 Delta R.T. 0.000 min  
 Lab File: BN019003.D  
 Acq: 17 Mar 2022 20:19

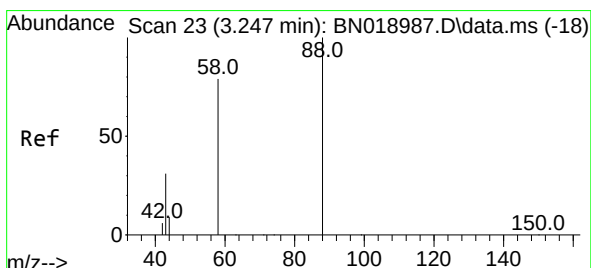
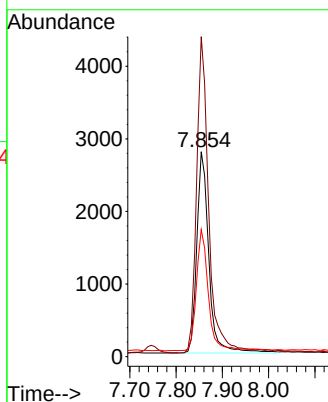
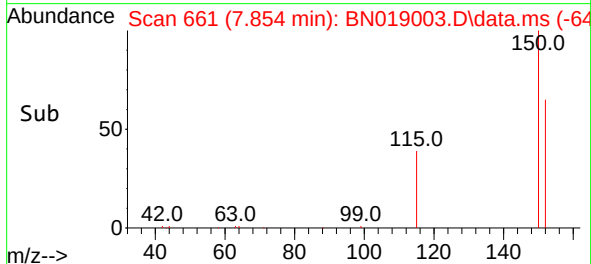
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022



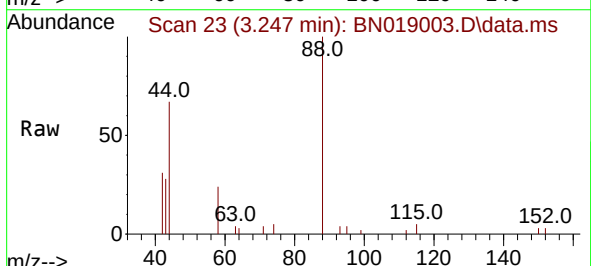
Tgt Ion: 152 Resp: 5052  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 123.9 185.9  
 115 62.0 48.2 72.4

Manual Integrations  
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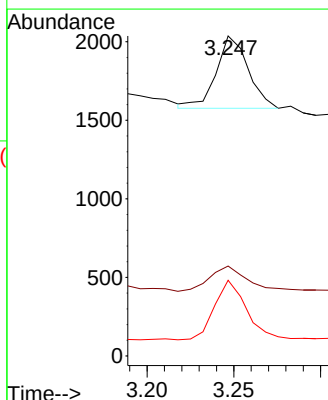
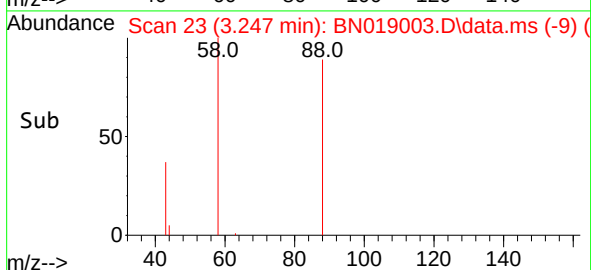
Reviewed By : Christian Giraldo 03/18/2022  
 Supervised By : Jagrut Upadhyay 03/18/2022

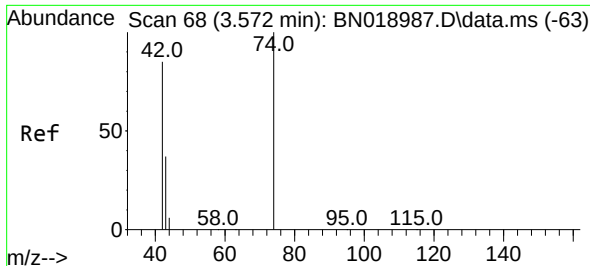


#2  
 1,4-Dioxane  
 Concen: 0.094 ng  
 RT: 3.247 min Scan# 23  
 Delta R.T. 0.000 min  
 Lab File: BN019003.D  
 Acq: 17 Mar 2022 20:19



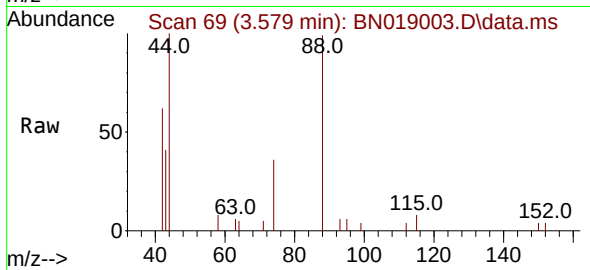
Tgt Ion: 88 Resp: 588  
 Ion Ratio Lower Upper  
 88 100  
 43 40.6 24.6 37.0#  
 58 81.5 65.4 98.2





#3  
n-Nitrosodimethylamine  
Concen: 0.093 ng  
RT: 3.579 min Scan# 68  
Delta R.T. 0.007 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

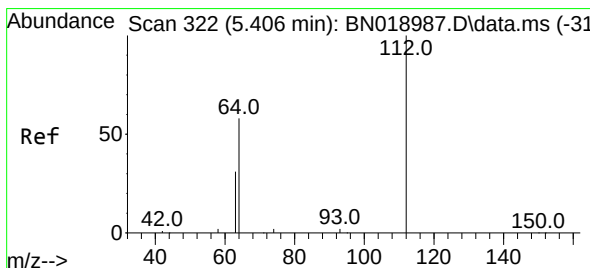
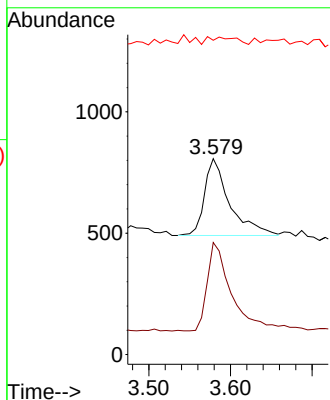
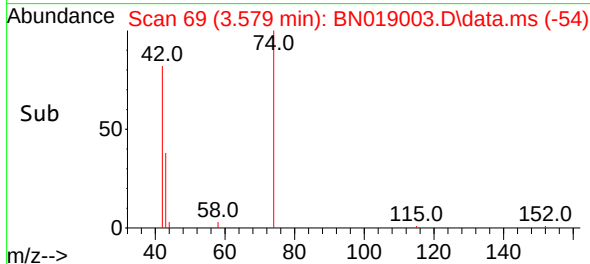
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 42 Resp: 670  
Ion Ratio Lower Upper  
42 100  
74 112.0 96.9 145.3  
44 10.7 7.3 10.9

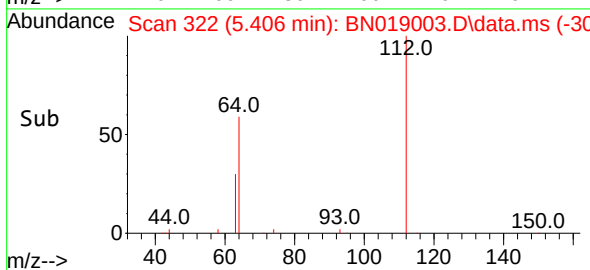
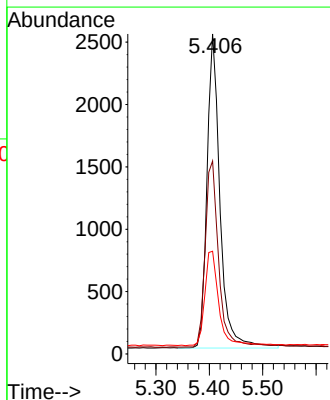
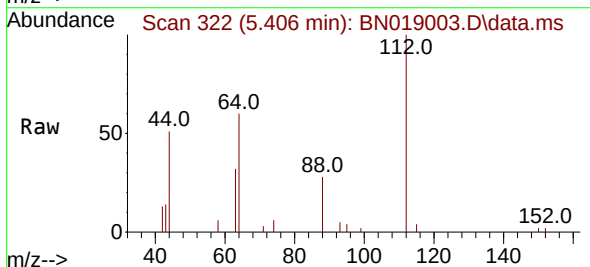
Manual Integrations  
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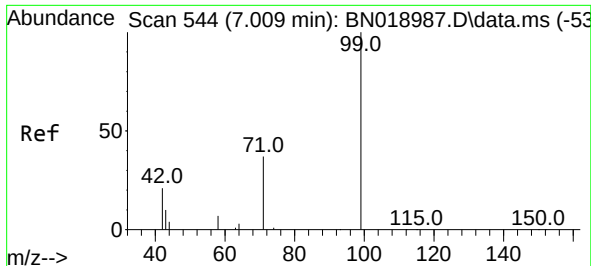
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#4  
2-Fluorophenol  
Concen: 0.377 ng  
RT: 5.406 min Scan# 322  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

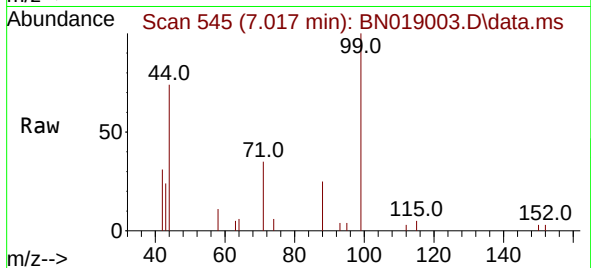
Tgt Ion:112 Resp: 4268  
Ion Ratio Lower Upper  
112 100  
64 61.6 47.8 71.8  
63 32.4 25.7 38.5





#5  
Phenol-d6  
Concen: 0.328 ng  
RT: 7.017 min Scan# 544  
Delta R.T. 0.007 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

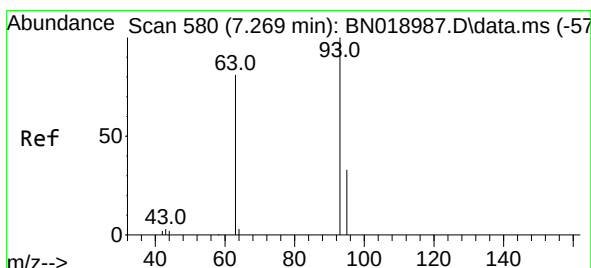
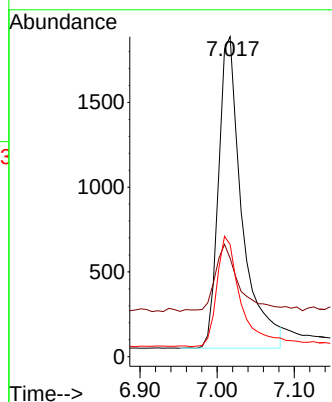
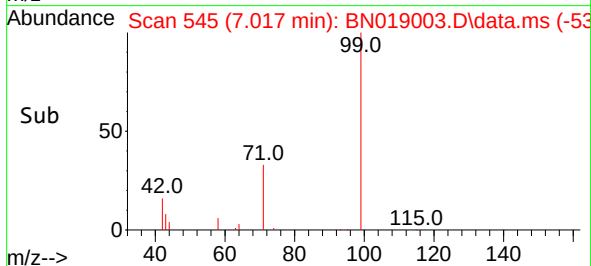
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 99 Resp: 389  
Ion Ratio Lower Upper  
99 100  
42 21.5 16.2 24.4  
71 35.8 27.7 41.5

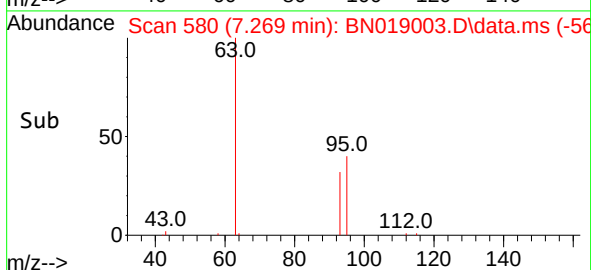
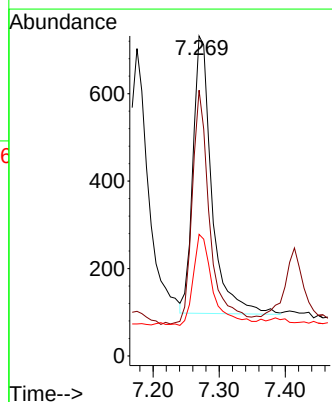
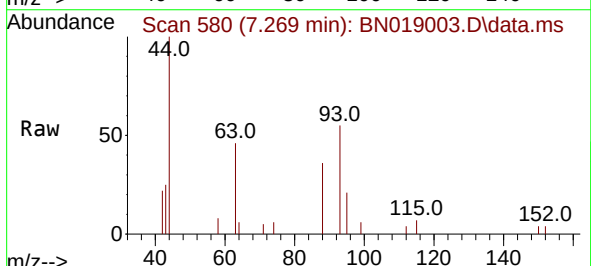
Manual Integrations  
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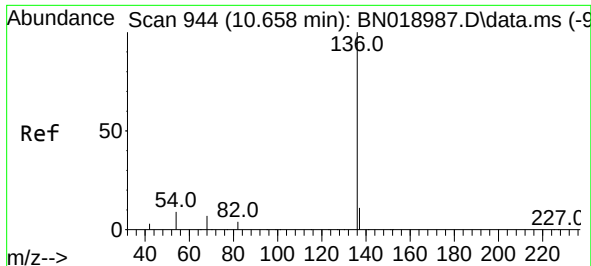
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.089 ng  
RT: 7.269 min Scan# 580  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

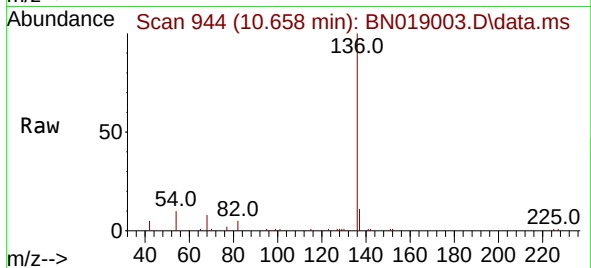
Tgt Ion: 93 Resp: 1263  
Ion Ratio Lower Upper  
93 100  
63 78.5 62.8 94.2  
95 32.9 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

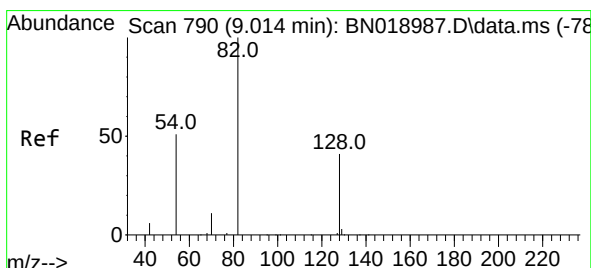
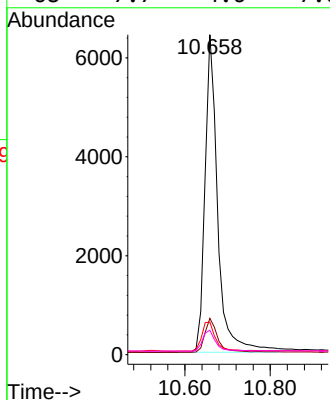
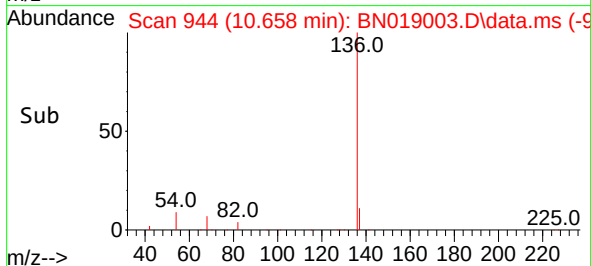
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:136 Resp: 13280  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.0 13.4  
54 10.2 5.8 8.6  
68 7.7 4.6 7.0#

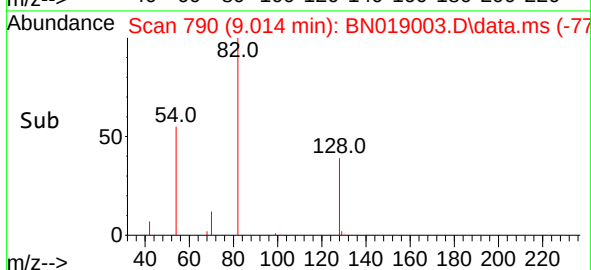
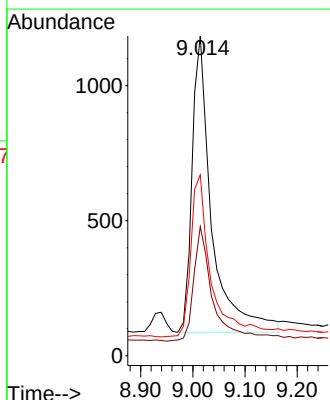
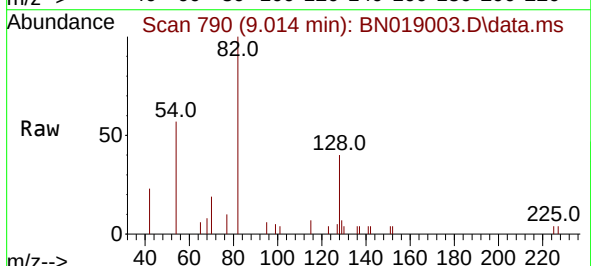
Manual Integrations  
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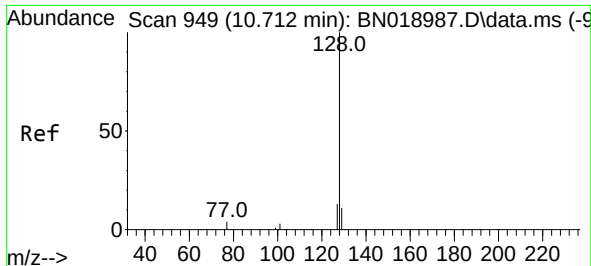
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#8  
Nitrobenzene-d5  
Concen: 0.301 ng  
RT: 9.014 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion: 82 Resp: 2884  
Ion Ratio Lower Upper  
82 100  
128 40.4 33.0 49.6  
54 56.6 42.5 63.7





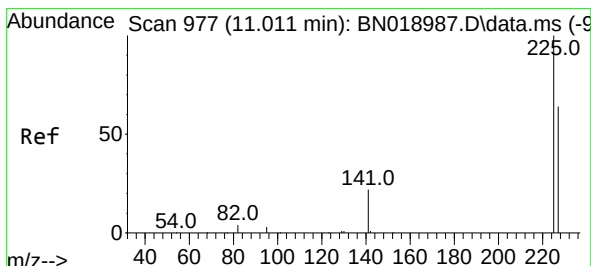
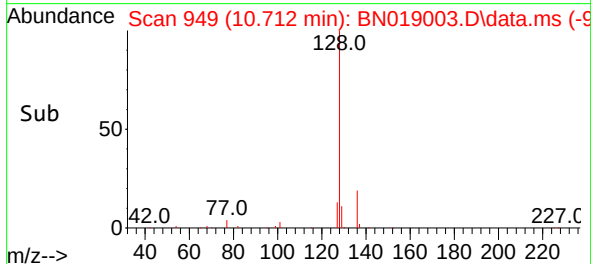
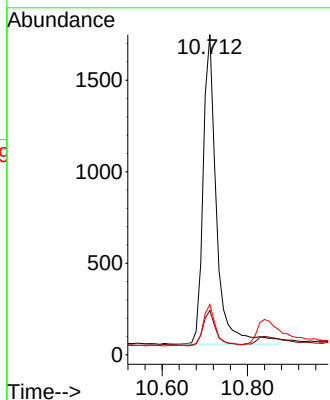
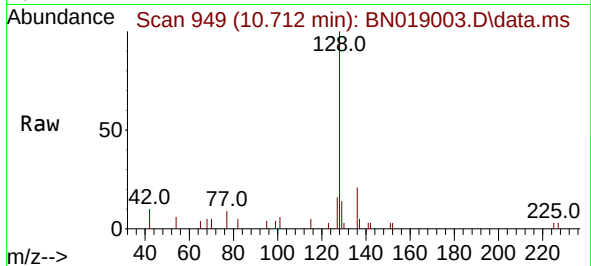
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Naphthalene  
Concen: 0.098 ng  
RT: 10.712 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:128 Resp: 369  
Ion Ratio Lower Upper  
128 100  
129 13.9 9.0 13.4  
127 15.7 10.7 16.1

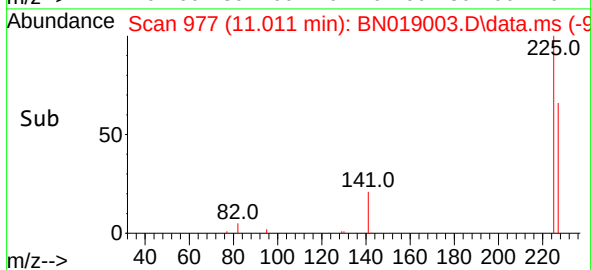
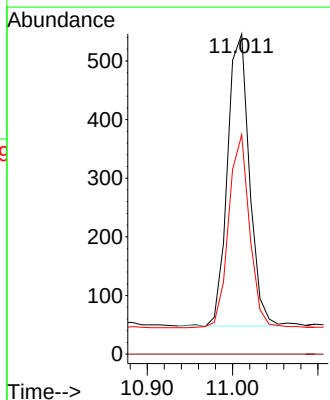
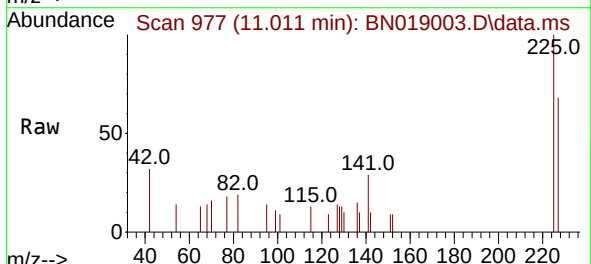
Manual Integrations  
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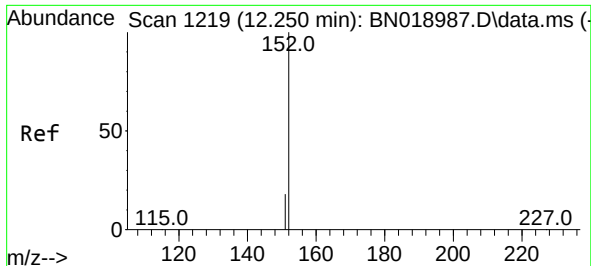
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#10  
Hexachlorobutadiene  
Concen: 0.096 ng  
RT: 11.011 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:225 Resp: 887  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.4 51.0 76.6





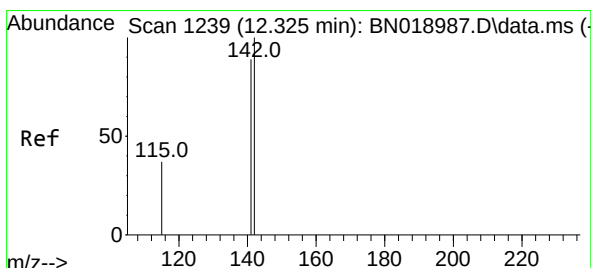
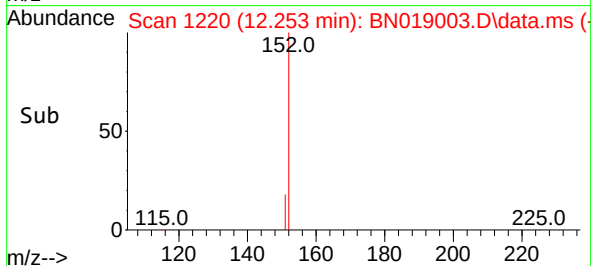
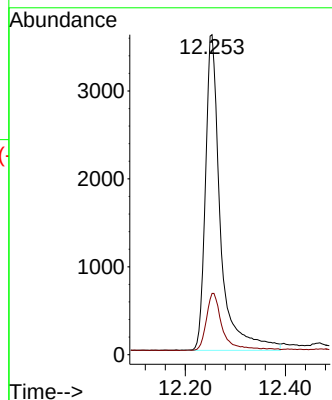
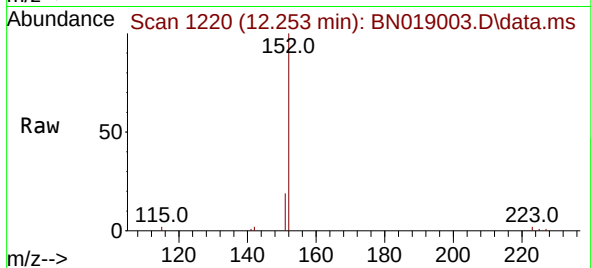
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2-Methylnaphthalene-d10  
Concen: 0.339 ng  
RT: 12.253 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:152 Resp: 7470  
Ion Ratio Lower Upper  
152 100  
151 18.9 16.5 24.7

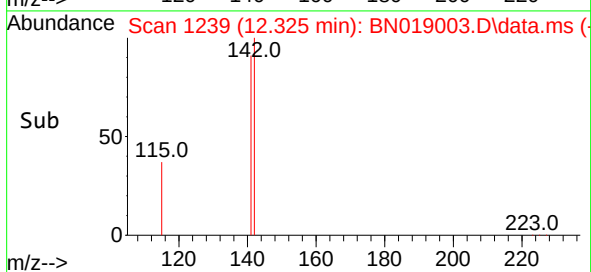
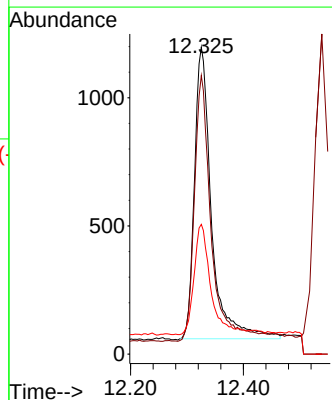
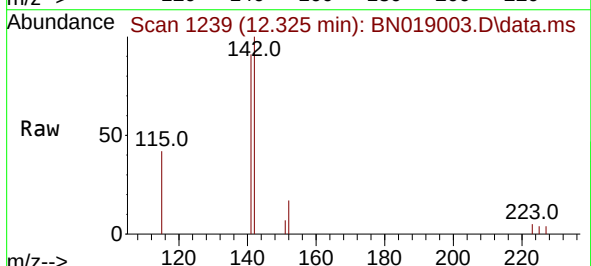
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022

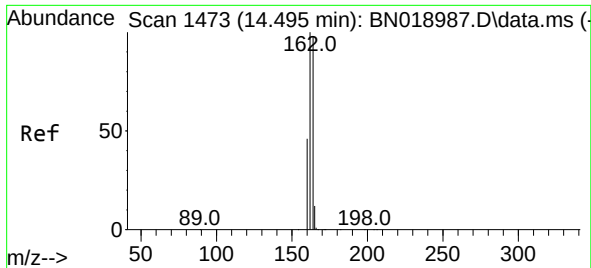


#12  
2-Methylnaphthalene  
Concen: 0.093 ng  
RT: 12.325 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:142 Resp: 2386  
Ion Ratio Lower Upper  
142 100  
141 90.7 70.0 105.0  
115 42.2 29.8 44.8

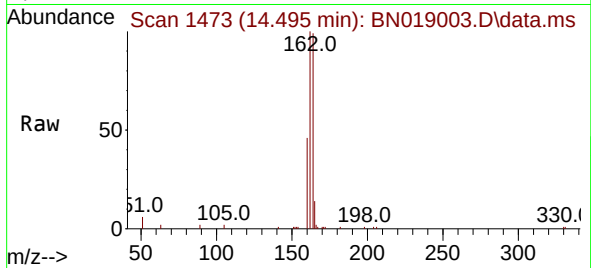






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.495 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

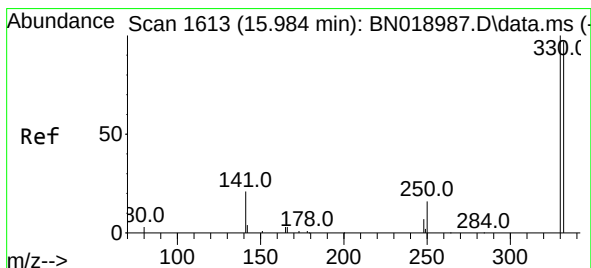
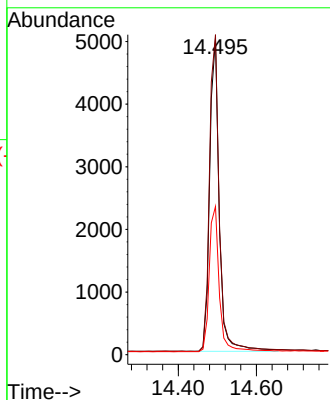
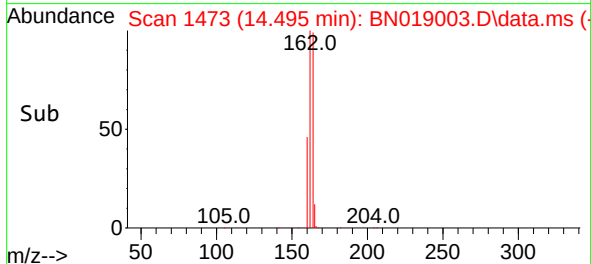
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



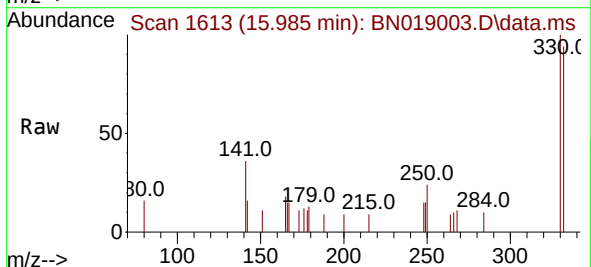
Tgt Ion:164 Resp: 853  
Ion Ratio Lower Upper  
164 100  
162 101.2 85.2 127.8  
160 46.8 41.5 62.3

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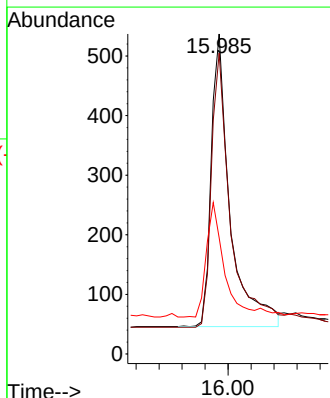
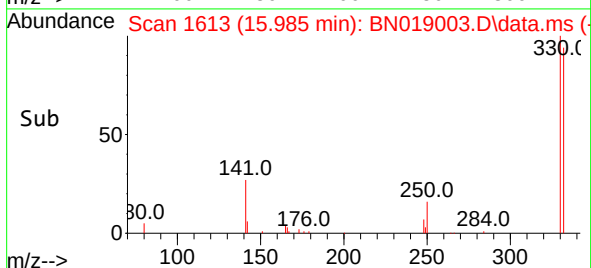
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022

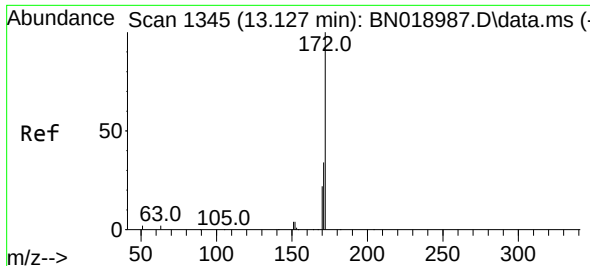


#14  
2,4,6-Tribromophenol  
Concen: 0.272 ng  
RT: 15.985 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19



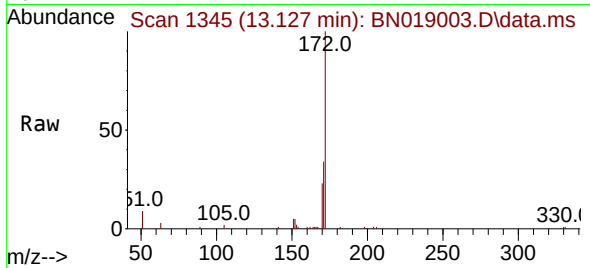
Tgt Ion:330 Resp: 1119  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.8 115.2  
141 38.7 32.2 48.2





#15  
2-Fluorobiphenyl  
Concen: 0.339 ng  
RT: 13.127 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

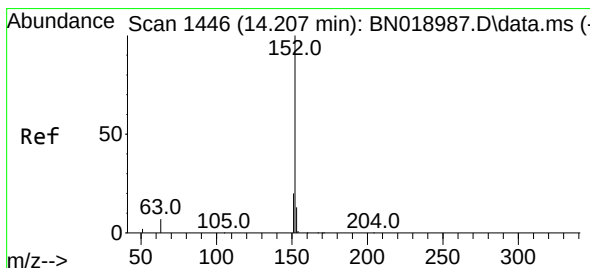
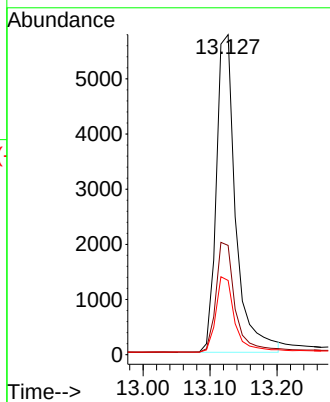
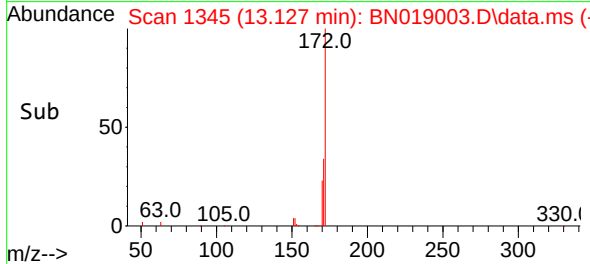
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



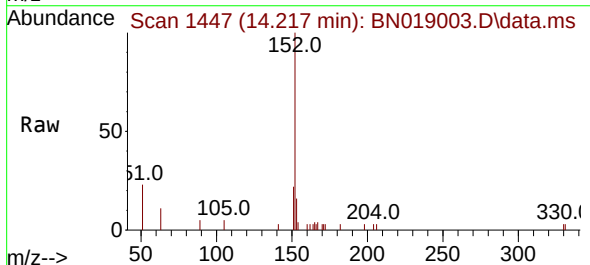
Tgt Ion:172 Resp: 1159  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.2 42.2  
170 23.2 18.7 28.1

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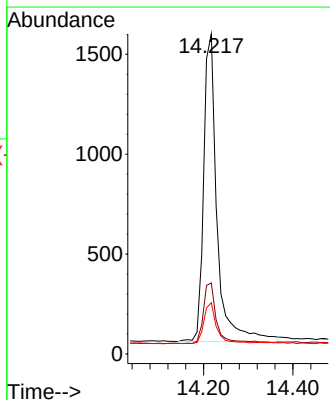
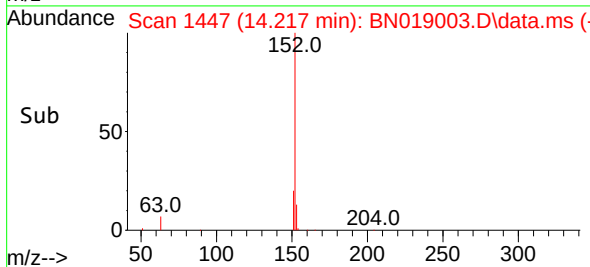
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022

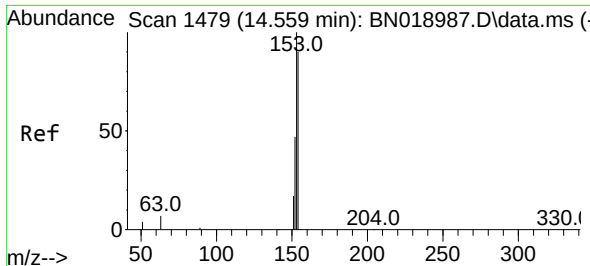


#16  
Acenaphthylene  
Concen: 0.081 ng  
RT: 14.217 min Scan# 1447  
Delta R.T. 0.011 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19



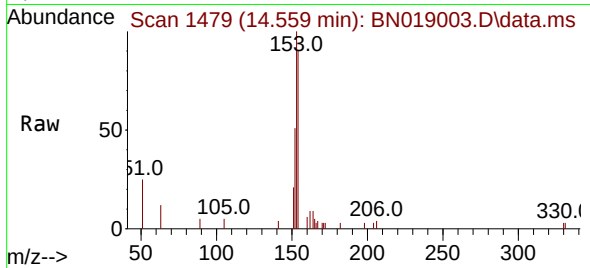
Tgt Ion:152 Resp: 3208  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 12.5 10.6 15.8





#17  
Acenaphthene  
Concen: 0.090 ng  
RT: 14.559 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

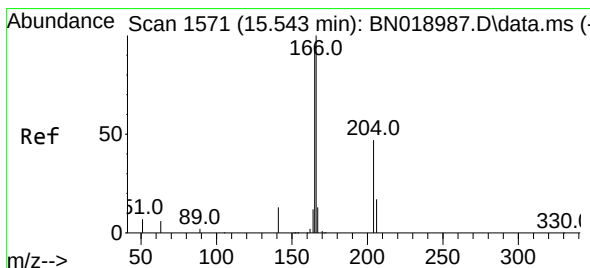
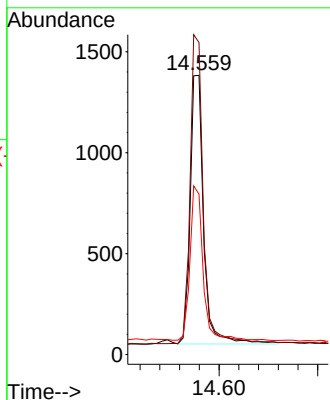
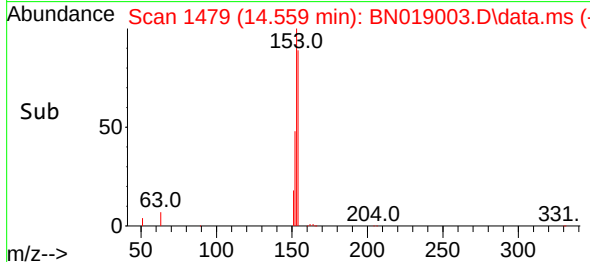
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:154 Resp: 249  
Ion Ratio Lower Upper  
154 100  
153 113.8 89.7 134.5  
152 56.2 44.7 67.1

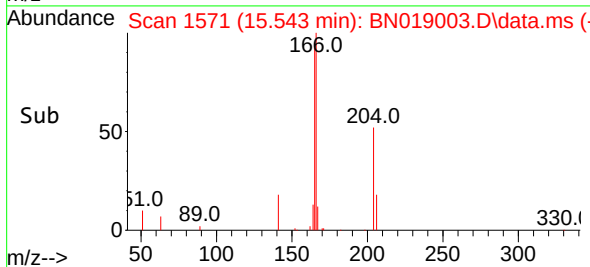
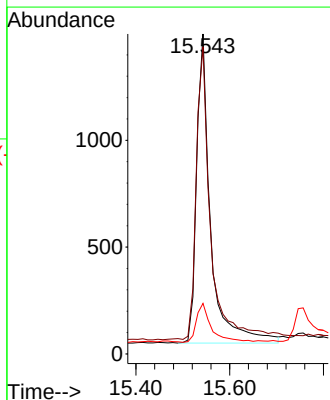
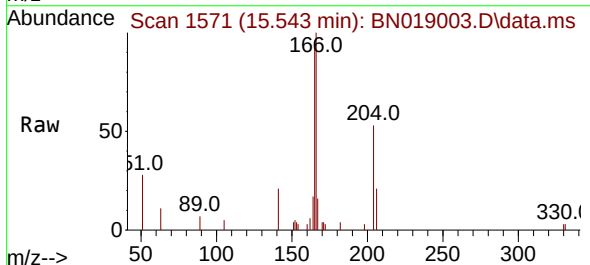
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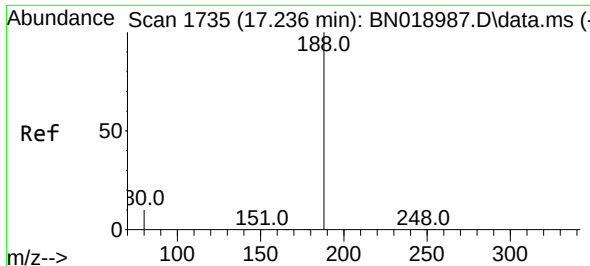
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#18  
Fluorene  
Concen: 0.086 ng  
RT: 15.543 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:166 Resp: 3009  
Ion Ratio Lower Upper  
166 100  
165 97.9 79.2 118.8  
167 13.4 10.7 16.1





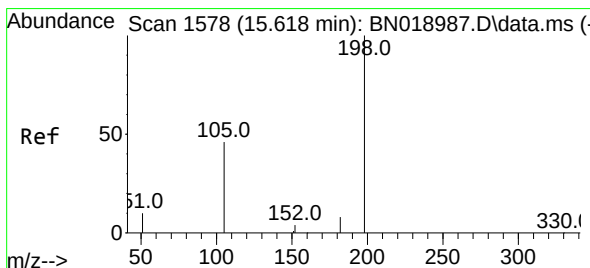
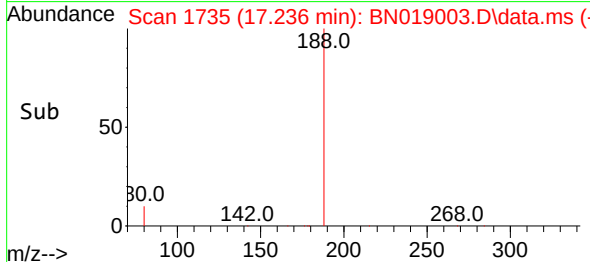
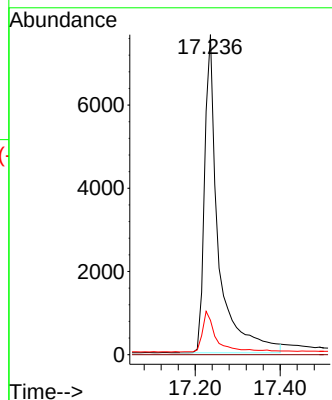
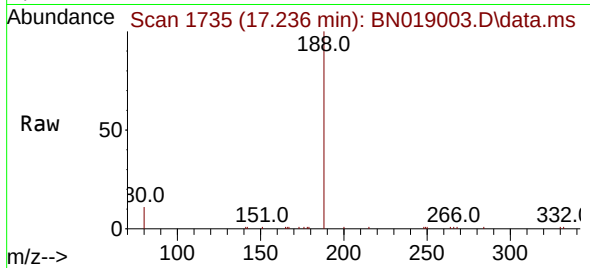
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.236 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:188 Resp: 1731  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 11.8 17.8

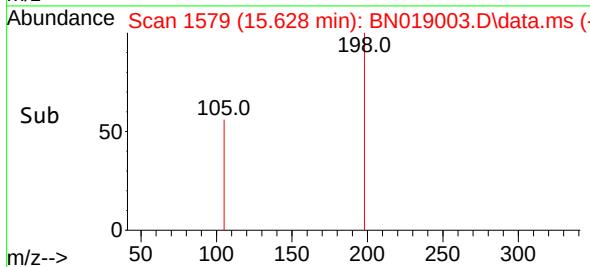
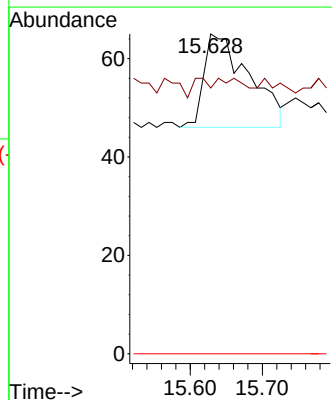
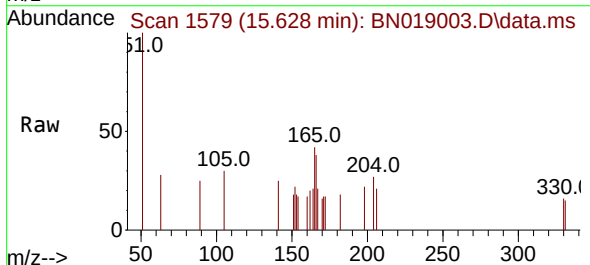
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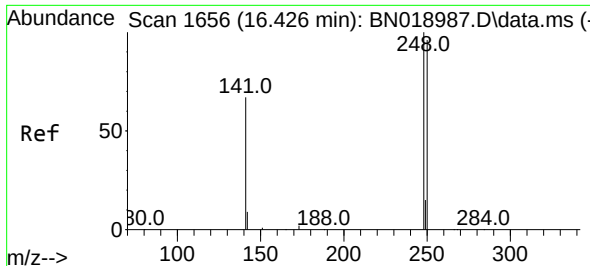
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.039 ng  
RT: 15.628 min Scan# 1579  
Delta R.T. 0.010 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:198 Resp: 83  
Ion Ratio Lower Upper  
198 100  
182 83.1 13.0 19.4#  
77 0.0 0.0 0.0





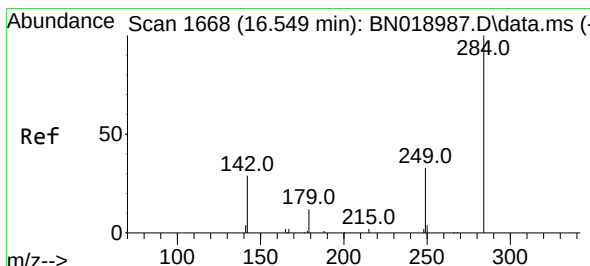
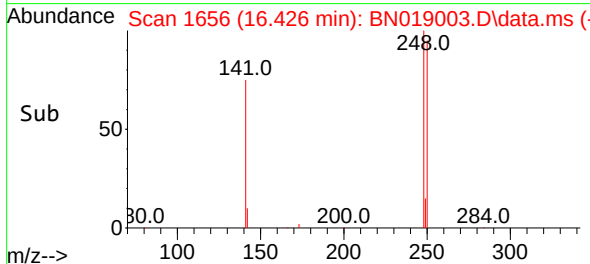
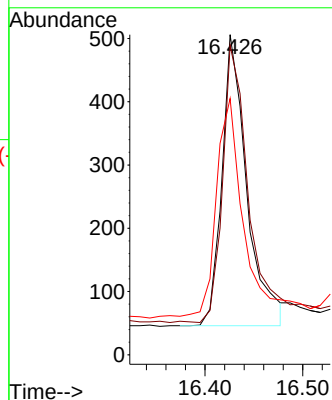
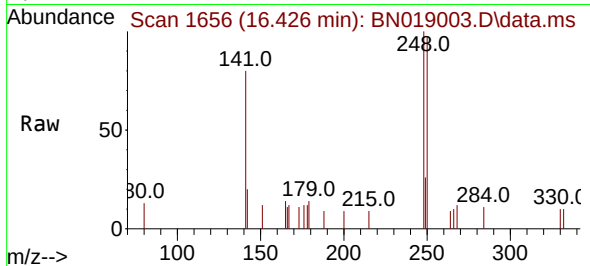
#21  
4-Bromophenyl-phenylether  
Concen: 0.075 ng  
RT: 16.426 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:248 Resp: 811  
Ion Ratio Lower Upper  
248 100  
250 96.6 80.7 121.1  
141 80.0 39.6 59.4

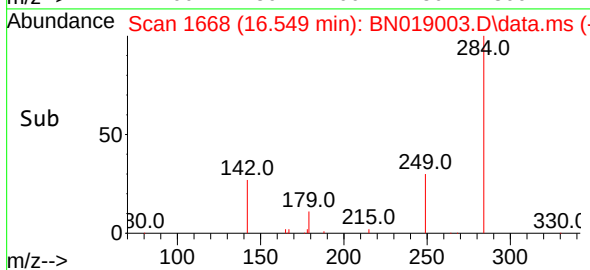
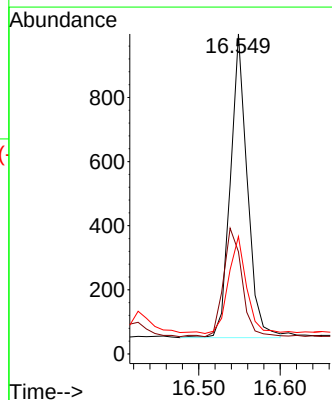
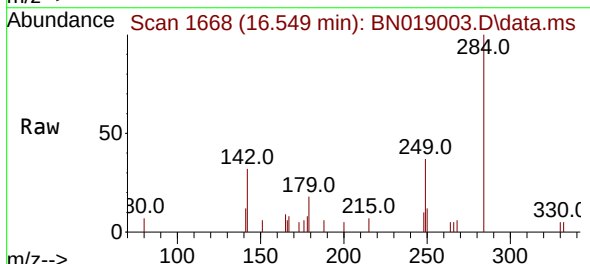
Manual Integrations  
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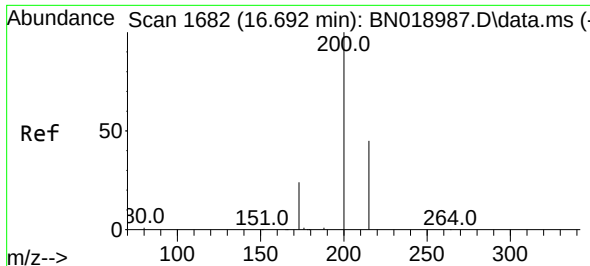
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#22  
Hexachlorobenzene  
Concen: 0.097 ng  
RT: 16.549 min Scan# 1668  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:284 Resp: 1370  
Ion Ratio Lower Upper  
284 100  
142 39.3 29.8 44.8  
249 34.0 26.2 39.2





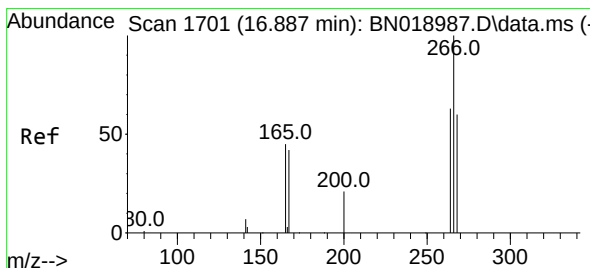
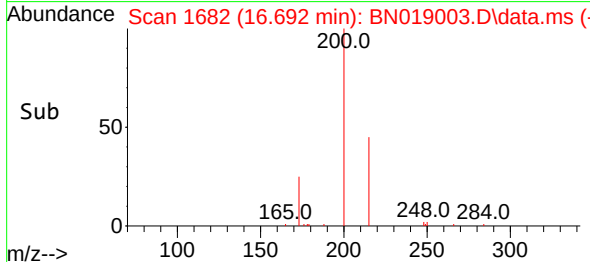
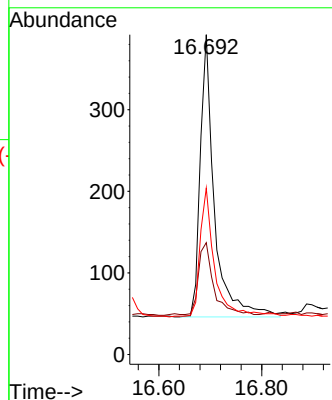
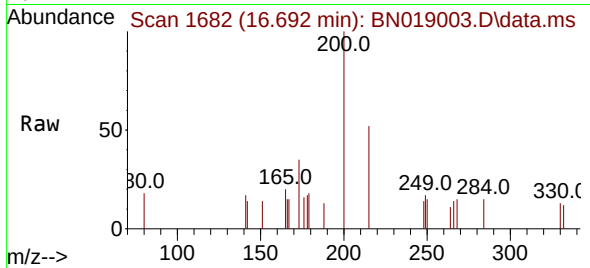
#23  
Atrazine  
Concen: 0.081 ng  
RT: 16.692 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:200 Resp: 66  
Ion Ratio Lower Upper  
200 100  
173 34.9 23.9 35.9  
215 52.0 36.6 54.8

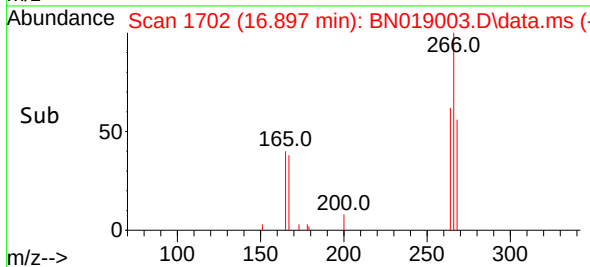
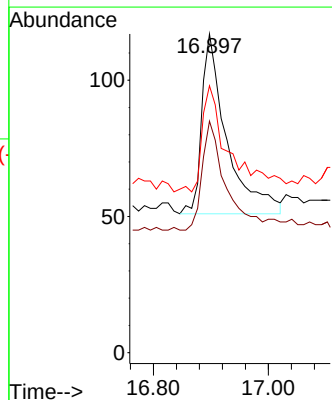
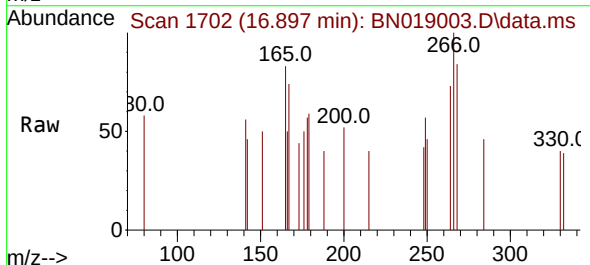
Manual Integrations  
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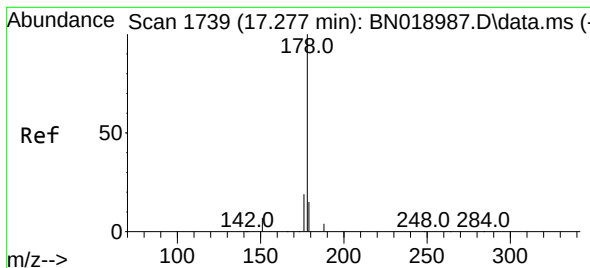
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#24  
Pentachlorophenol  
Concen: 0.046 ng  
RT: 16.897 min Scan# 1702  
Delta R.T. 0.010 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:266 Resp: 199  
Ion Ratio Lower Upper  
266 100  
264 60.8 50.2 75.4  
268 59.3 51.9 77.9





#25

Phenanthrene

Concen: 0.084 ng

RT: 17.277 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN019003.D

Acq: 17 Mar 2022 20:19

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion:178 Resp: 454

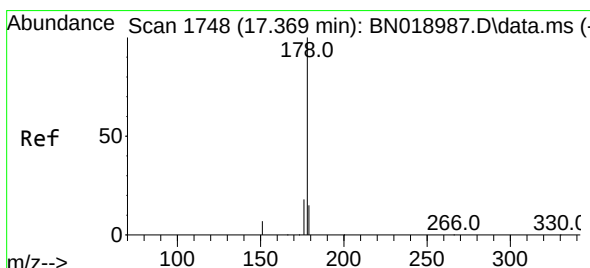
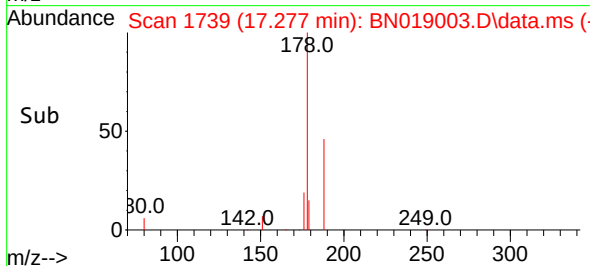
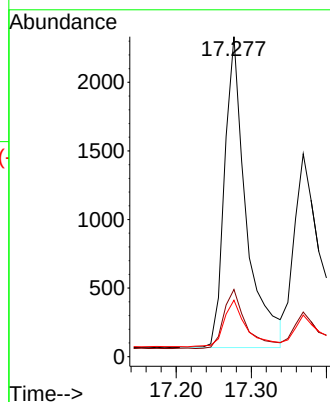
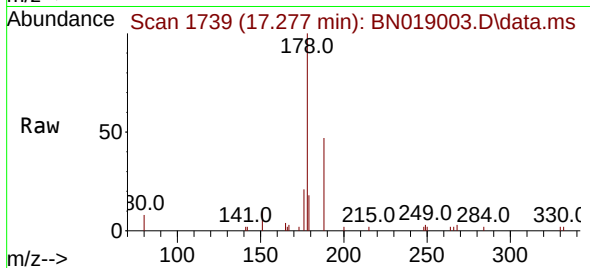
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 15.4  | 23.0  |
| 179 | 15.5  | 12.2  | 18.2  |

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Supervised By :Jagrut Upadhyay 03/18/2022



#26

Anthracene

Concen: 0.072 ng

RT: 17.369 min Scan# 1748

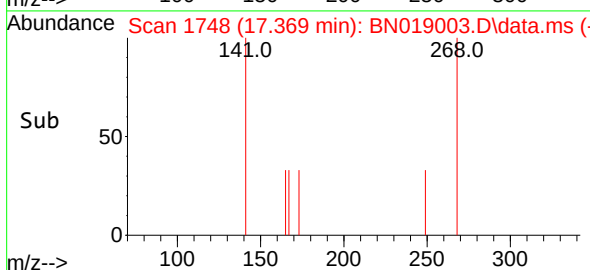
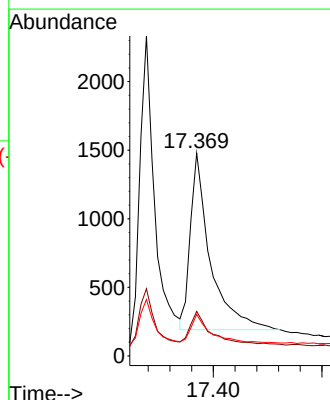
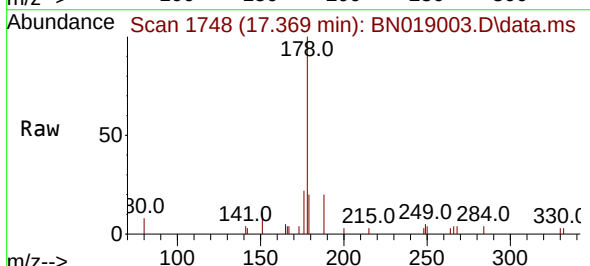
Delta R.T. 0.000 min

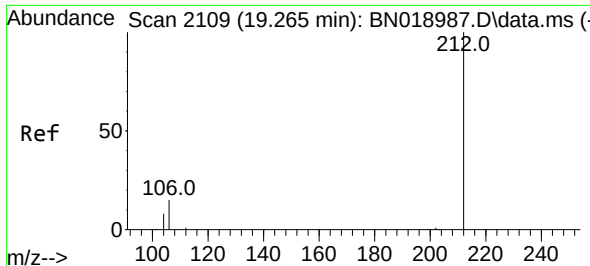
Lab File: BN019003.D

Acq: 17 Mar 2022 20:19

Tgt Ion:178 Resp: 3294

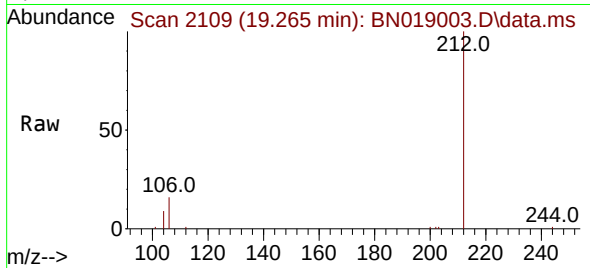
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.4  | 14.8  | 22.2  |
| 179 | 15.4  | 12.2  | 18.4  |





#27  
Fluoranthene-d10  
Concen: 0.345 ng  
RT: 19.265 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

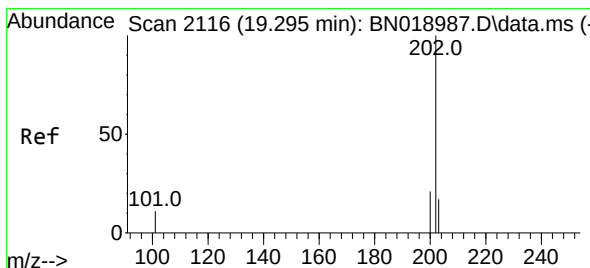
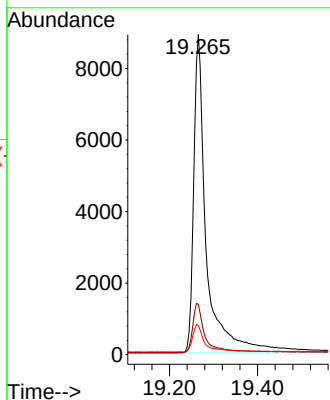
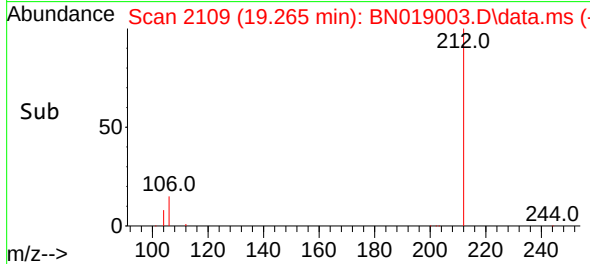
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:212 Resp: 1773  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.7 19.1  
104 8.1 7.1 10.7

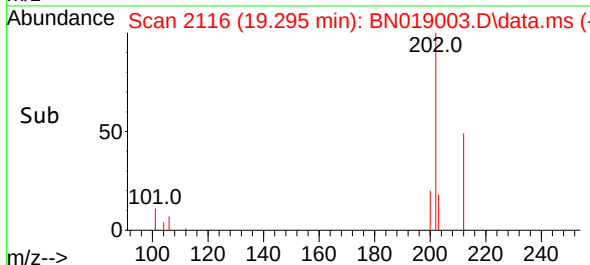
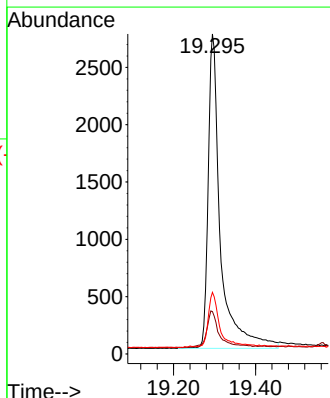
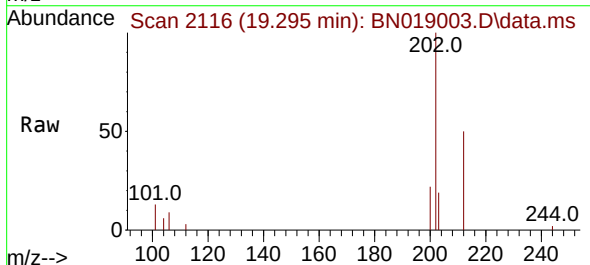
Manual Integrations  
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Supervised By :Jagrut Upadhyay 03/18/2022

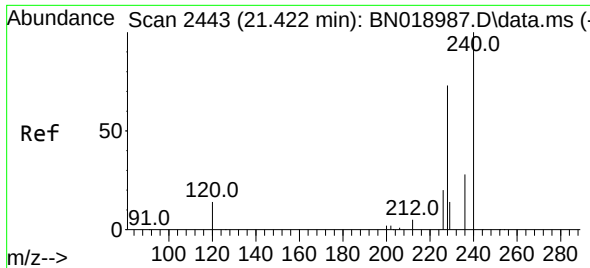


#28  
Fluoranthene  
Concen: 0.090 ng  
RT: 19.295 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:202 Resp: 5695  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.8 14.6  
203 16.3 13.7 20.5

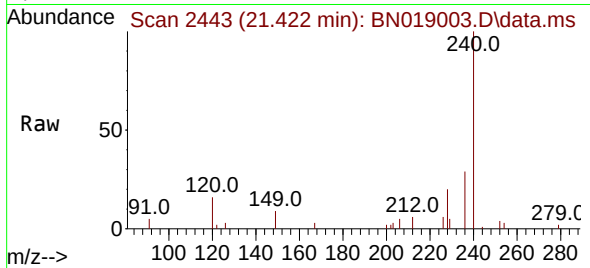






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.422 min Scan# 2443  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

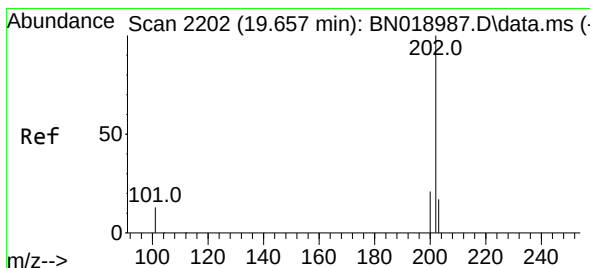
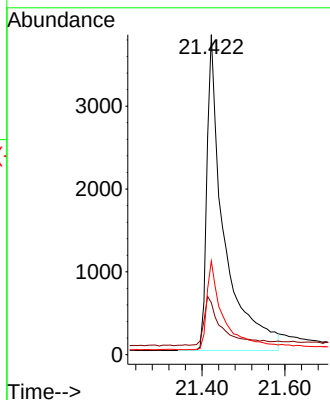
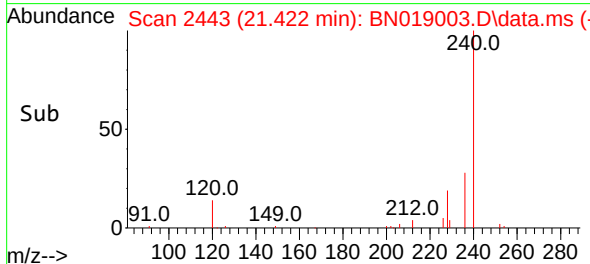
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:240 Resp: 1088  
Ion Ratio Lower Upper  
240 100  
120 16.3 8.5 12.7  
236 29.2 22.4 33.6

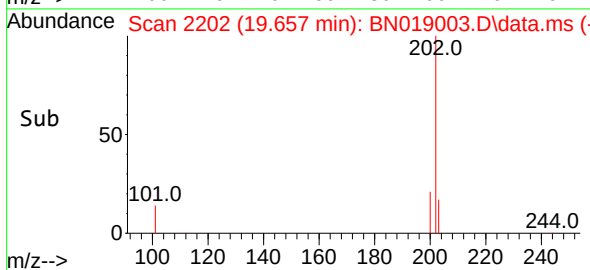
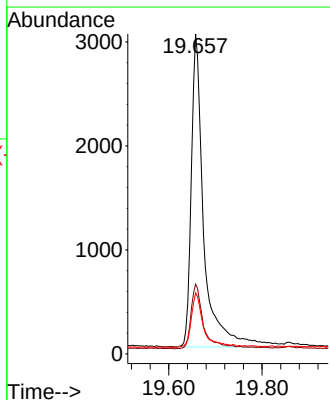
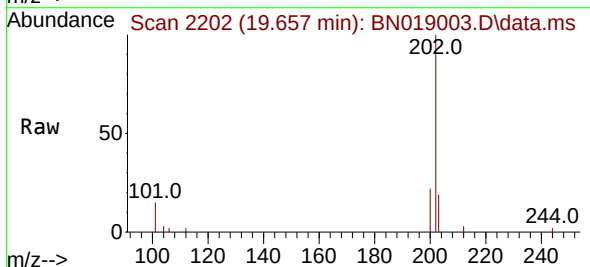
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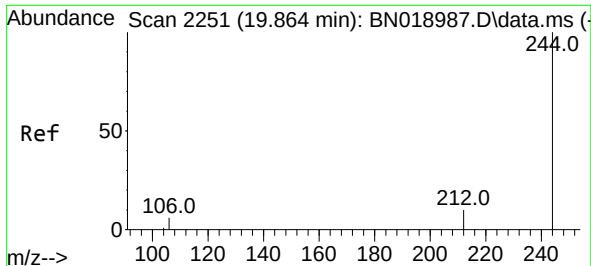
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#30  
Pyrene  
Concen: 0.104 ng  
RT: 19.657 min Scan# 2202  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Tgt Ion:202 Resp: 5657  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.9 25.3  
203 17.1 14.2 21.2





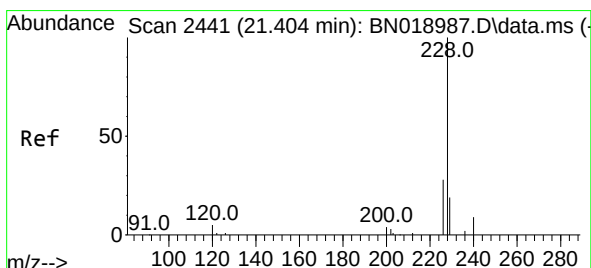
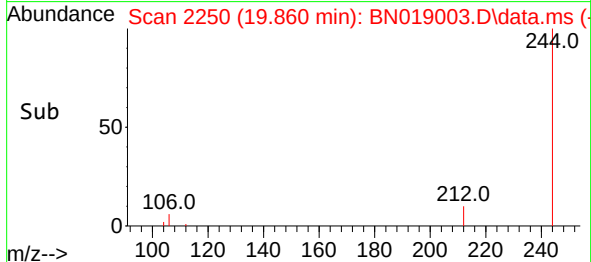
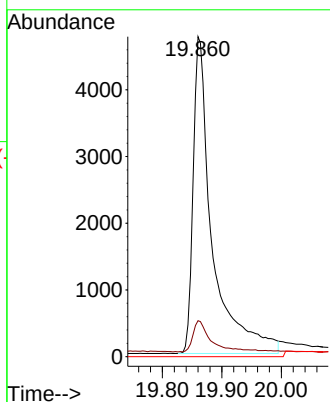
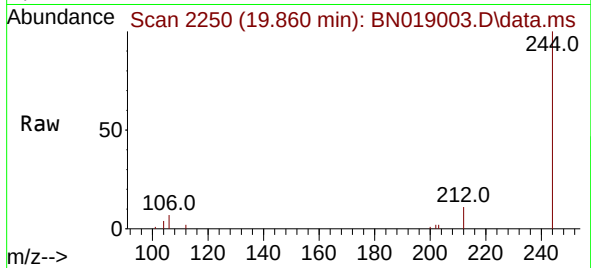
#31  
Terphenyl-d14  
Concen: 0.397 ng  
RT: 19.860 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:244 Resp: 1062  
Ion Ratio Lower Upper  
244 100  
212 11.3 8.2 12.4  
122 0.0 0.0 0.0

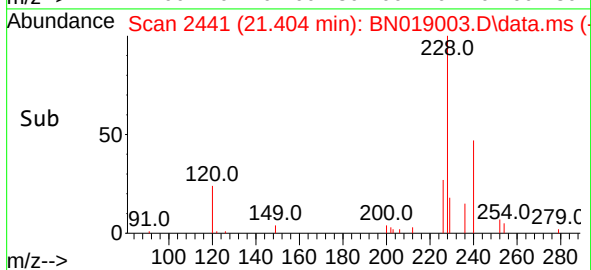
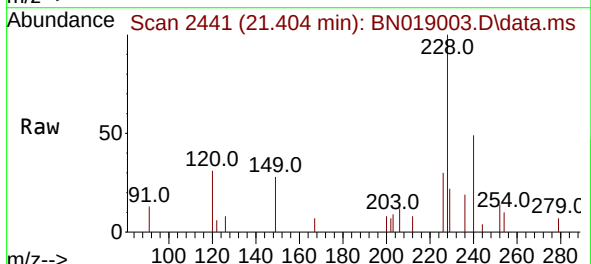
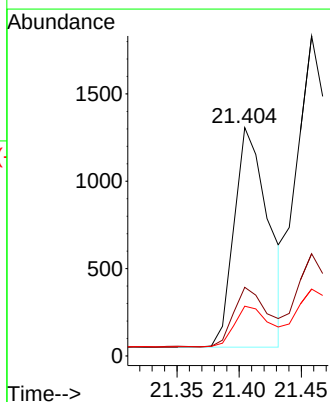
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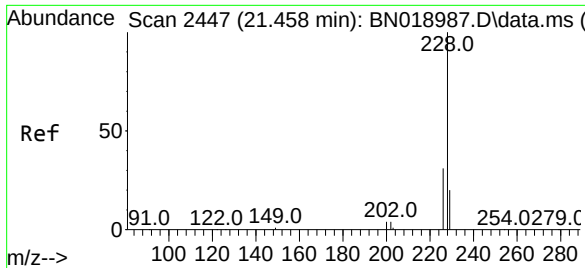
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022



#32  
Benzo(a)anthracene  
Concen: 0.072 ng  
RT: 21.404 min Scan# 2441  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

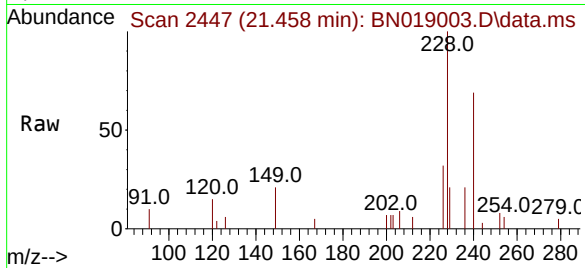
Tgt Ion:228 Resp: 2415  
Ion Ratio Lower Upper  
228 100  
226 30.1 21.9 32.9  
229 21.8 16.0 24.0





#33  
Chrysene  
Concen: 0.097 ng  
RT: 21.458 min Scan# 2447  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

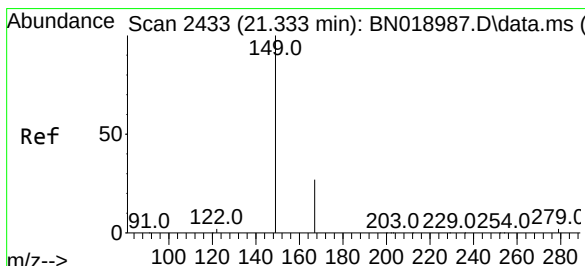
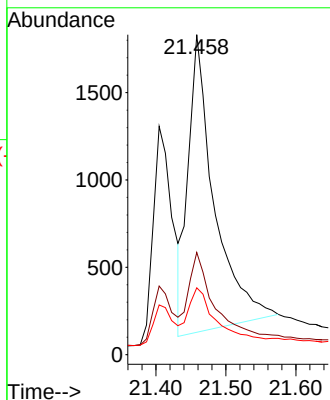
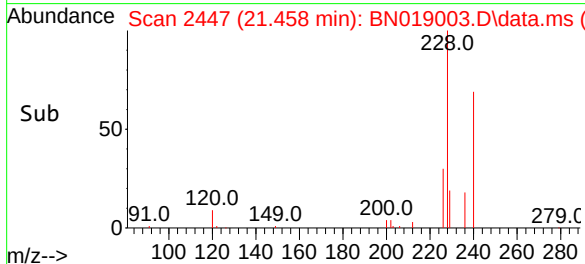
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



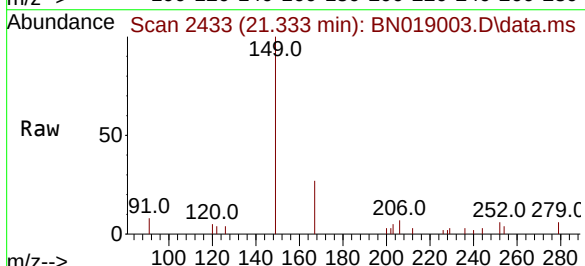
Tgt Ion: 228 Resp: 4408  
Ion Ratio Lower Upper  
228 100  
226 31.9 24.0 36.0  
229 20.9 15.9 23.9

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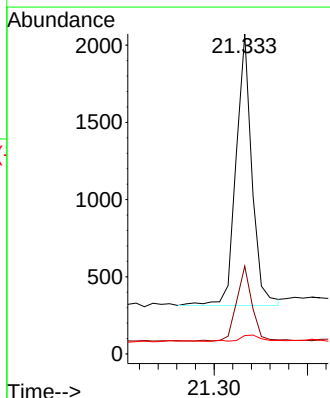
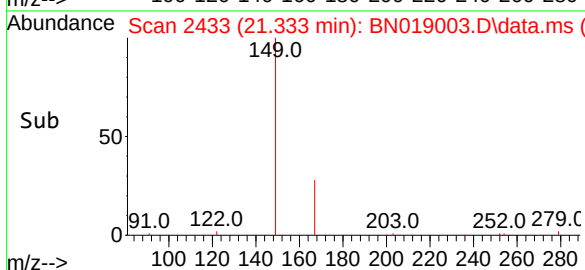
Reviewed By : Christian Giraldo 03/18/2022  
Supervised By : Jagrut Upadhyay 03/18/2022

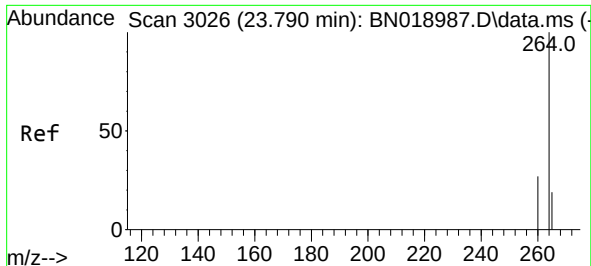


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.094 ng  
RT: 21.333 min Scan# 2433  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19



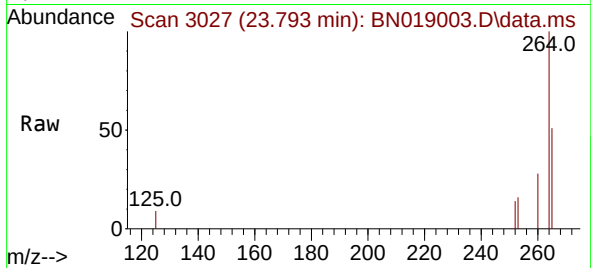
Tgt Ion: 149 Resp: 2092  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.8 32.8  
279 3.2 2.0 3.0





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.793 min Scan# 3026  
 Delta R.T. 0.003 min  
 Lab File: BN019003.D  
 Acq: 17 Mar 2022 20:19

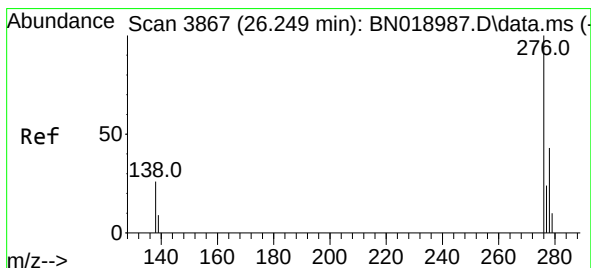
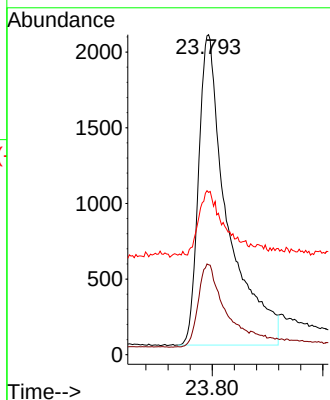
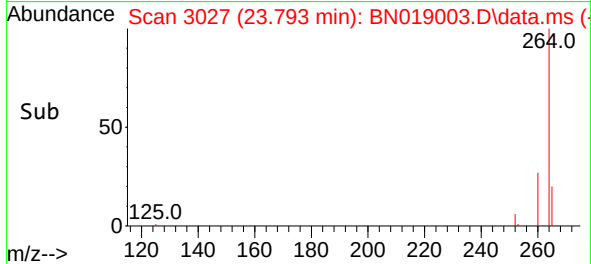
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2022



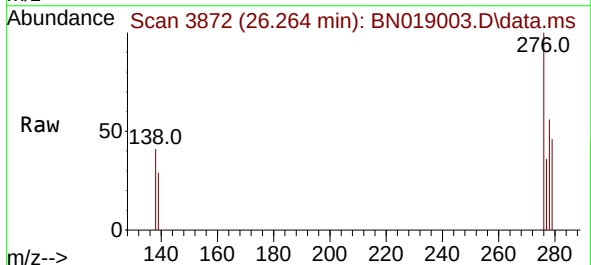
Tgt Ion:264 Resp: 746  
 Ion Ratio Lower Upper  
 264 100  
 260 28.1 22.4 33.6  
 265 50.7 25.3 37.9

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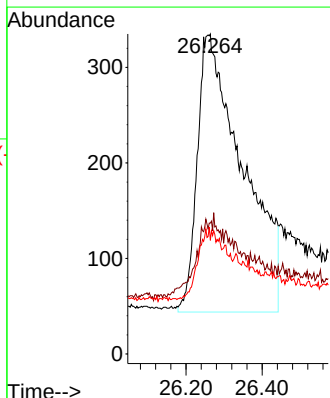
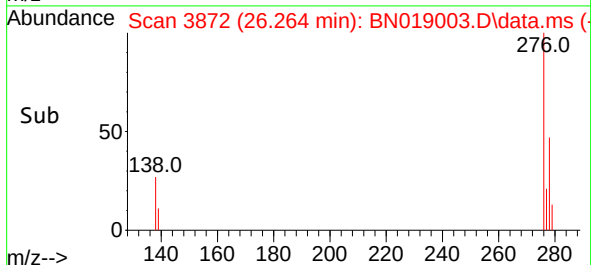
Reviewed By :Christian Giraldo 03/18/2022  
 Supervised By :Jagrut Upadhyay 03/18/2022

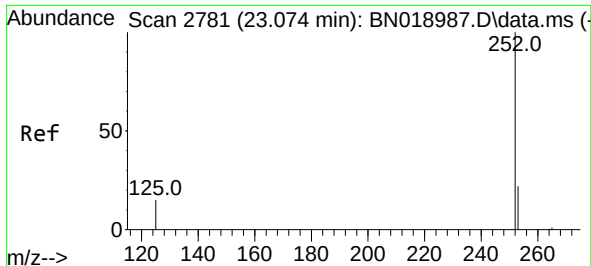


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.090 ng m  
 RT: 26.264 min Scan# 3872  
 Delta R.T. 0.015 min  
 Lab File: BN019003.D  
 Acq: 17 Mar 2022 20:19



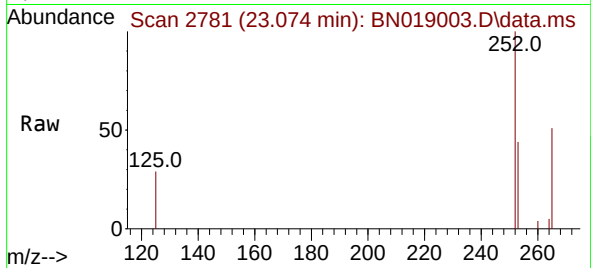
Tgt Ion:276 Resp: 2415  
 Ion Ratio Lower Upper  
 276 100  
 138 7.2 24.5 36.7#  
 277 5.4 19.8 29.8#





#37  
Benzo(b)fluoranthene  
Concen: 0.090 ng  
RT: 23.074 min Scan# 2781  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

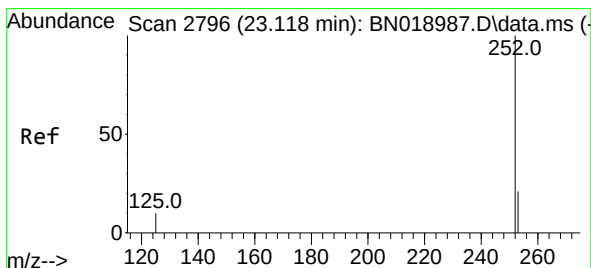
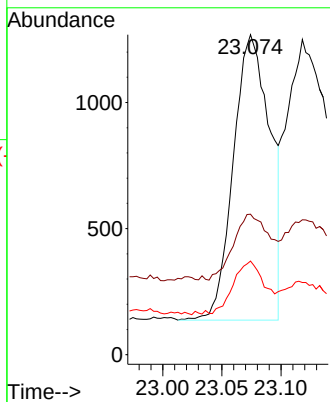
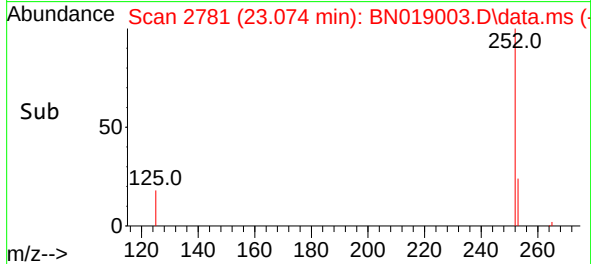
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



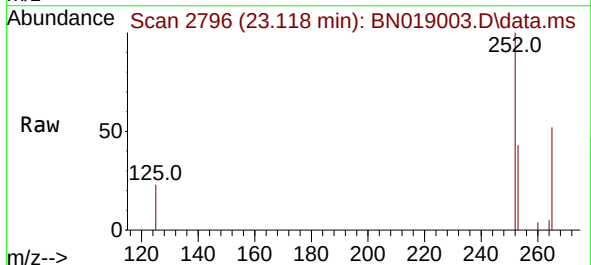
Tgt Ion:252 Resp: 244  
Ion Ratio Lower Upper  
252 100  
253 43.9 18.9 28.3#  
125 29.2 12.1 18.1#

Manual Integrations  
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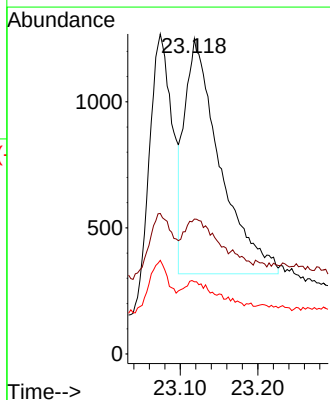
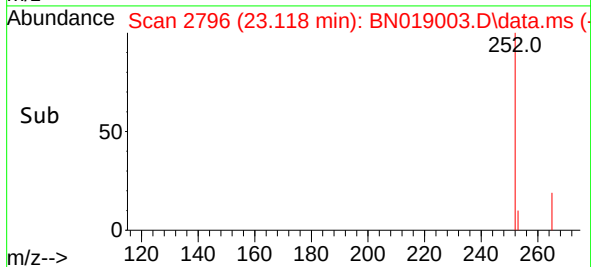
Reviewed By :Christian Giraldo 03/18/2022  
Supervised By :Jagrut Upadhyay 03/18/2022

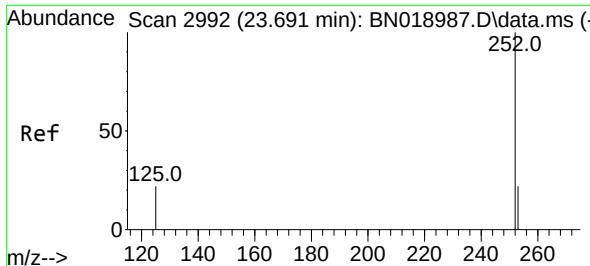


#38  
Benzo(k)fluoranthene  
Concen: 0.079 ng m  
RT: 23.118 min Scan# 2796  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19



Tgt Ion:252 Resp: 2956  
Ion Ratio Lower Upper  
252 100  
253 42.8 18.9 28.3#  
125 22.9 10.3 15.5#





#39

Benzo(a)pyrene

Concen: 0.112 ng m

RT: 23.694 min Scan# 2992

Delta R.T. 0.003 min

Lab File: BN019003.D

Acq: 17 Mar 2022 20:19

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

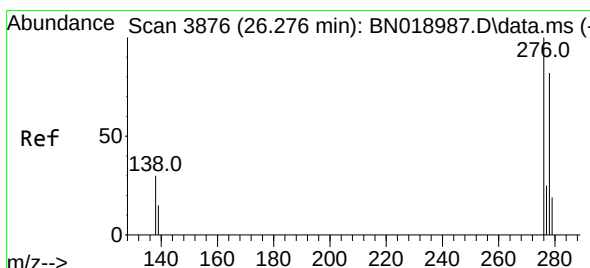
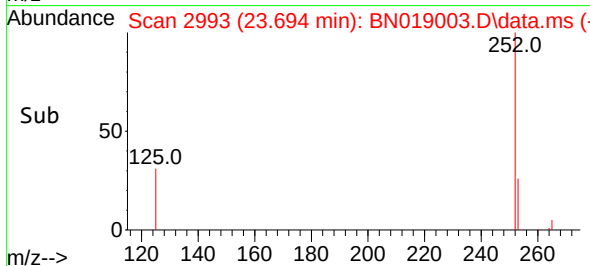
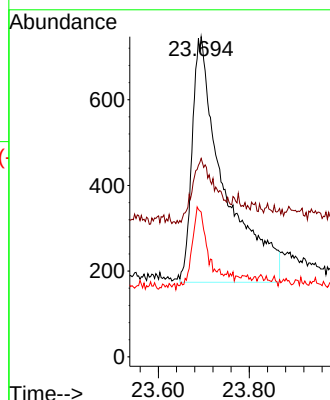
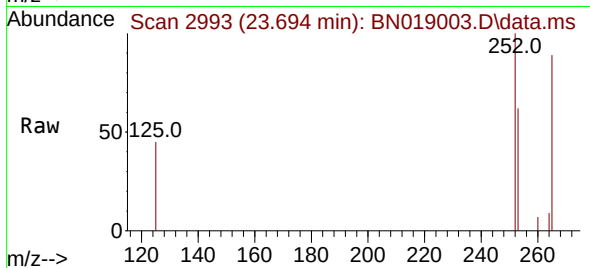
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 2778      |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 62.0  | 20.1 30.1 |
| 125         | 45.2  | 15.2 22.8 |

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/18/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.088 ng m

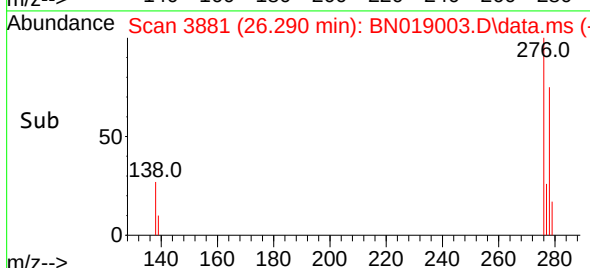
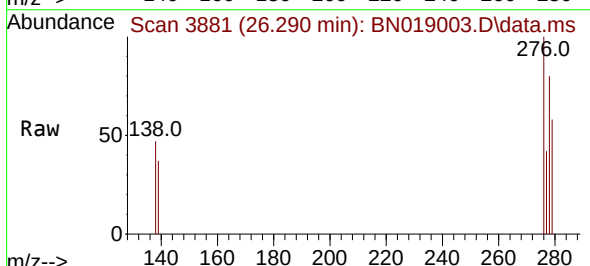
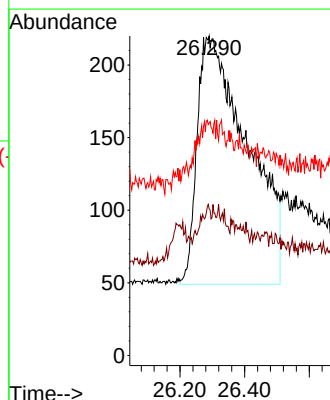
RT: 26.290 min Scan# 3881

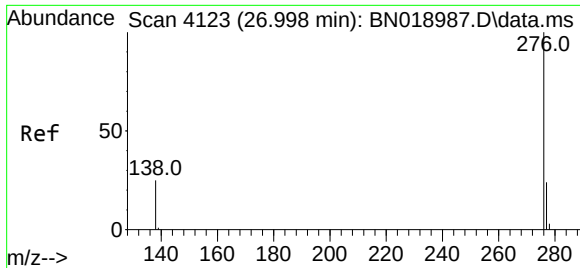
Delta R.T. 0.015 min

Lab File: BN019003.D

Acq: 17 Mar 2022 20:19

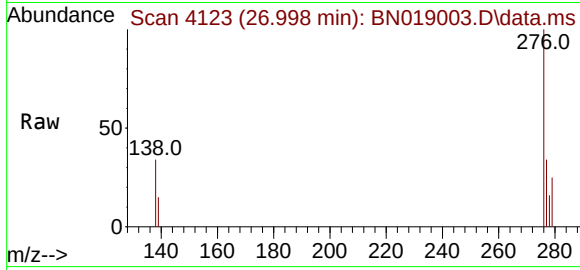
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 1849      |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 45.9  | 17.2 25.8 |
| 279         | 72.7  | 19.9 29.9 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.099 ng m  
RT: 26.998 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BN019003.D  
Acq: 17 Mar 2022 20:19

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:276 Resp: 2609  
Ion Ratio Lower Upper  
276 100  
277 34.1 19.4 29.0  
138 34.1 21.0 31.6

Manual Integrations  
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Supervised By :Jagrut Upadhyay 03/18/2022

