

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070722\  
 Data File : BN020682.D  
 Acq On : 07 Jul 2022 18:08  
 Operator : CG/JU  
 Sample : N3616-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-49-57-070622MS

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 07/08/2022  
 Supervised By :Jagrut Upadhyay 07/08/2022

Quant Time: Jul 08 01:31:31 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 4552     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 13362    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7301     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 13285    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.431 | 240  | 8686     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.785 | 264  | 6312     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.420  | 112  | 1077     | 0.085 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.031  | 99   | 805      | 0.053 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 2248     | 0.208 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.223 | 152  | 6259     | 0.273 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 506      | 0.184 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 7232     | 0.240 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.265 | 212  | 10904    | 0.276 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 9244     | 0.445 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.261  | 88   | 582      | 0.098 | ng    | # 82     |
| 3) n-Nitrosodimethylamine     | 3.615  | 42   | 516      | 0.095 | ng    | 92       |
| 6) bis(2-Chloroethyl)ether    | 7.255  | 93   | 3524     | 0.271 | ng    | 98       |
| 9) Naphthalene                | 10.669 | 128  | 11307    | 0.283 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.968 | 225  | 1850     | 0.254 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.295 | 142  | 7055     | 0.266 | ng    | 99       |
| 16) Acenaphthylene            | 14.196 | 152  | 9116     | 0.260 | ng    | 99       |
| 17) Acenaphthene              | 14.538 | 154  | 6429     | 0.269 | ng    | 95       |
| 18) Fluorene                  | 15.521 | 166  | 7996     | 0.257 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 374      | 0.369 | ng    | # 62     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 2326     | 0.301 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.538 | 284  | 2601     | 0.304 | ng    | 97       |
| 23) Atrazine                  | 16.692 | 200  | 1537     | 0.252 | ng    | 98       |
| 24) Pentachlorophenol         | 16.887 | 266  | 1318     | 0.664 | ng    | 97       |
| 25) Phenanthrene              | 17.267 | 178  | 13026    | 0.291 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 10519    | 0.272 | ng    | 100      |
| 28) Fluoranthene              | 19.295 | 202  | 14707    | 0.301 | ng    | 99       |
| 30) Pyrene                    | 19.657 | 202  | 15017    | 0.408 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.413 | 228  | 9332     | 0.301 | ng    | 98       |
| 33) Chrysene                  | 21.467 | 228  | 11506    | 0.335 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 4042     | 0.231 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.226 | 276  | 4048     | 0.144 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.071 | 252  | 7032     | 0.289 | ng    | 93       |
| 38) Benzo(k)fluoranthene      | 23.118 | 252  | 7630m    | 0.295 | ng    |          |
| 39) Benzo(a)pyrene            | 23.682 | 252  | 5174     | 0.245 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.246 | 278  | 3478     | 0.154 | ng    | # 86     |
| 41) Benzo(g,h,i)perylene      | 26.971 | 276  | 4015     | 0.163 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

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

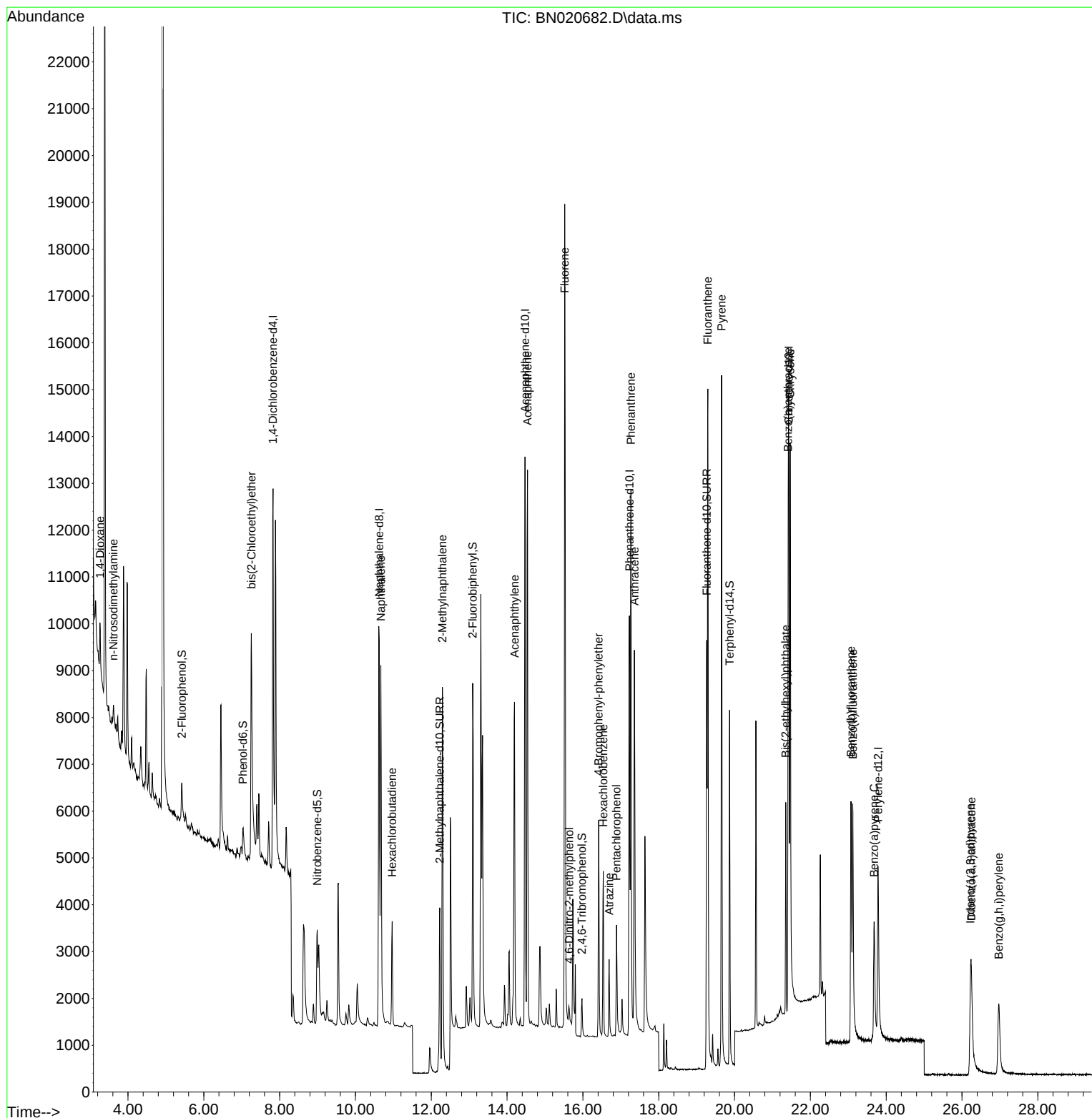
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070722\  
 Data File : BN020682.D  
 Acq On : 07 Jul 2022 18:08  
 Operator : CG/JU  
 Sample : N3616-02MS  
 Misc :  
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Instrument :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

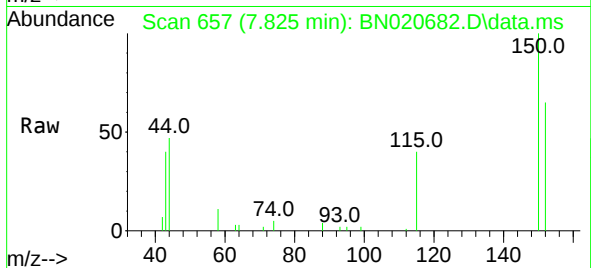
Reviewed By : Christian Giraldo 07/08/2022  
 Supervised By : Jagrut Upadhyay 07/08/2022





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.825 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08

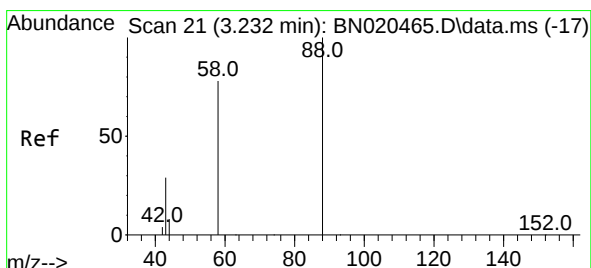
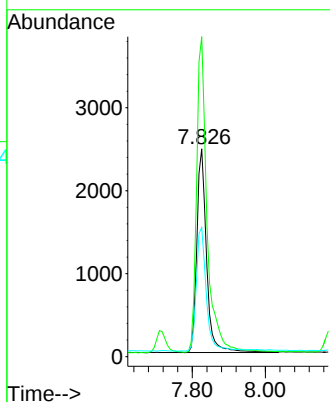
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-49-57-070622MS



Tgt Ion: 152 Resp: 4552  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 127.9 191.9  
 115 62.1 51.4 77.2

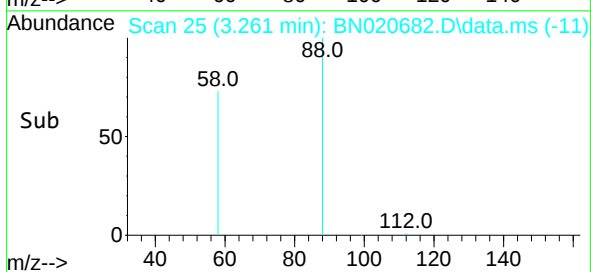
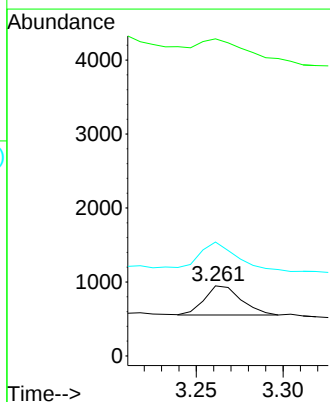
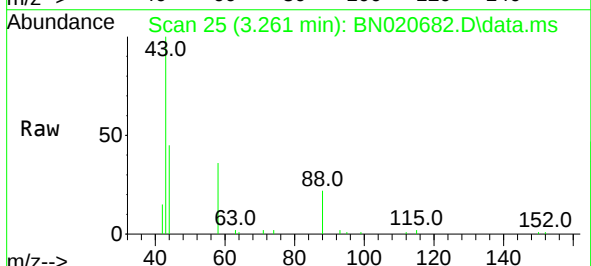
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 Supervised By :Jagrut Upadhyay 07/08/2022



#2  
 1,4-Dioxane  
 Concen: 0.098 ng  
 RT: 3.261 min Scan# 25  
 Delta R.T. 0.000 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08

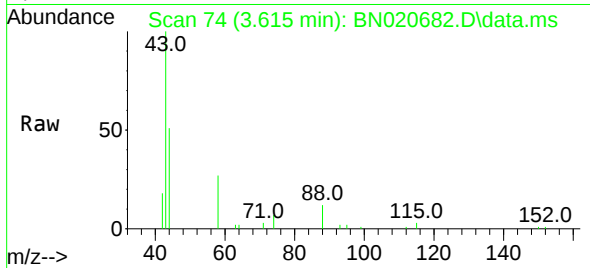
Tgt Ion: 88 Resp: 582  
 Ion Ratio Lower Upper  
 88 100  
 43 70.4 30.2 45.2#  
 58 88.1 73.0 109.6





#3  
n-Nitrosodimethylamine  
Concen: 0.095 ng  
RT: 3.615 min Scan# 74  
Delta R.T. 0.007 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

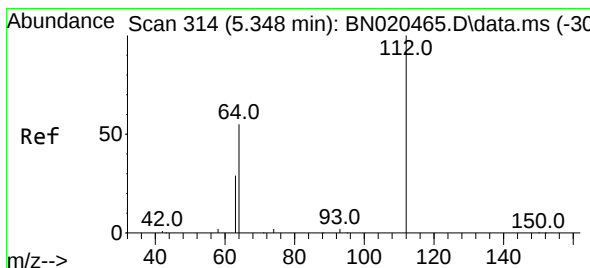
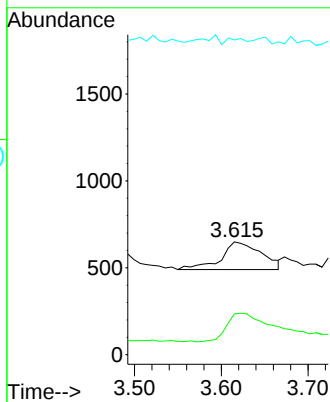
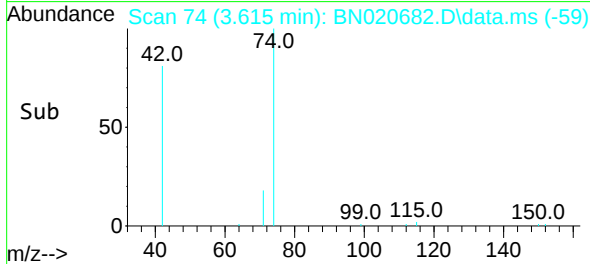
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion: 42 Resp: 510  
Ion Ratio Lower Upper  
42 100  
74 113.8 84.0 126.0  
44 10.3 9.8 14.8

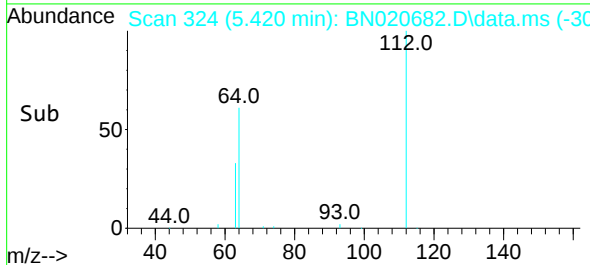
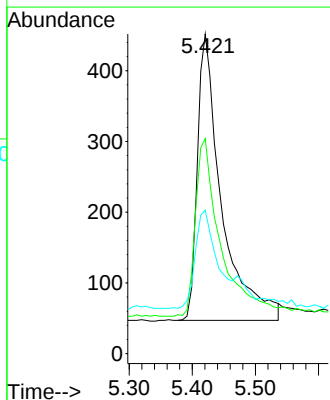
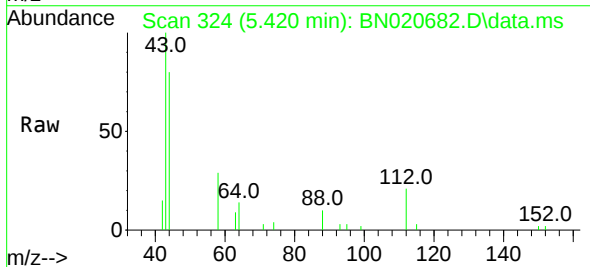
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Supervised By :Jagrut Upadhyay 07/08/2022



#4  
2-Fluorophenol  
Concen: 0.085 ng  
RT: 5.420 min Scan# 324  
Delta R.T. 0.007 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

Tgt Ion:112 Resp: 1077  
Ion Ratio Lower Upper  
112 100  
64 64.6 49.1 73.7  
63 39.8 26.3 39.5#





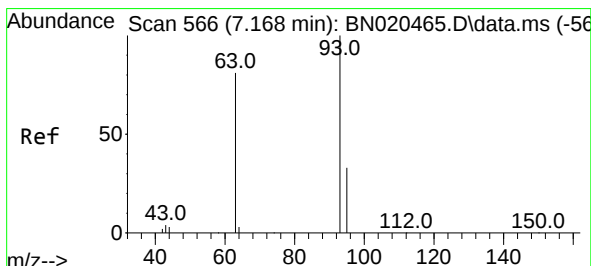
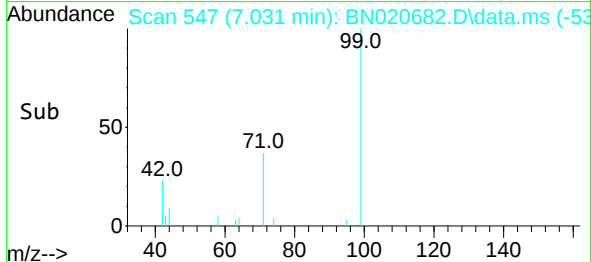
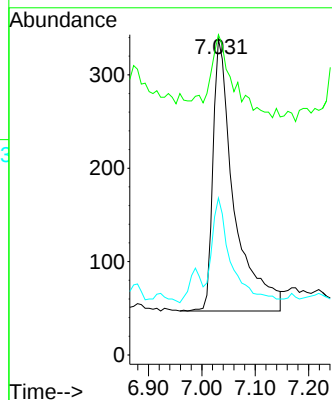
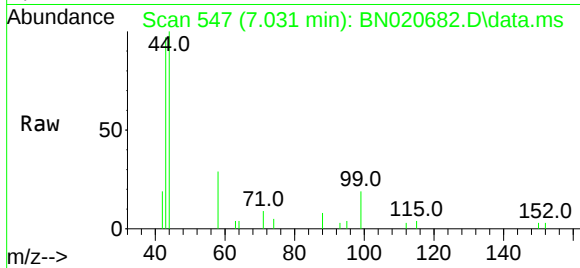
#5  
Phenol-d6  
Concen: 0.053 ng  
RT: 7.031 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS

Tgt Ion: 99 Resp: 809  
Ion Ratio Lower Upper  
99 100  
42 30.8 19.3 28.9  
71 32.5 27.5 41.3

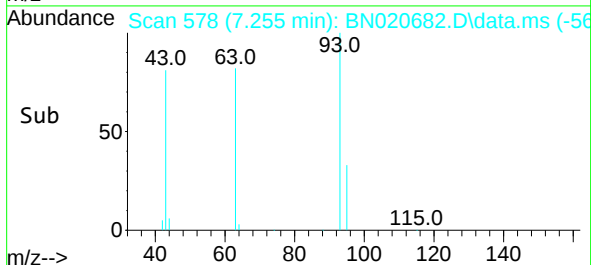
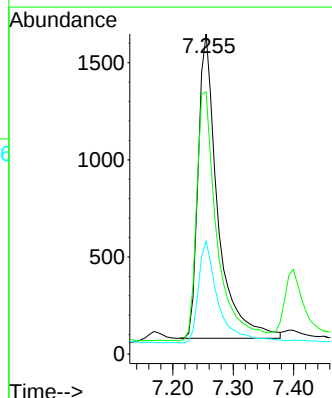
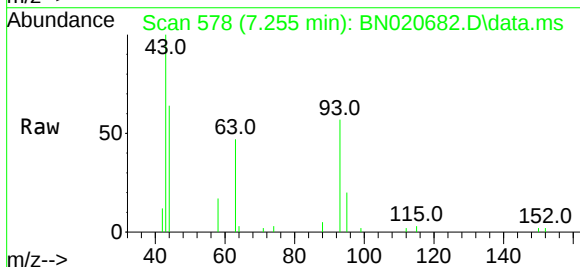
Manual Integrations  
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Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.271 ng  
RT: 7.255 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

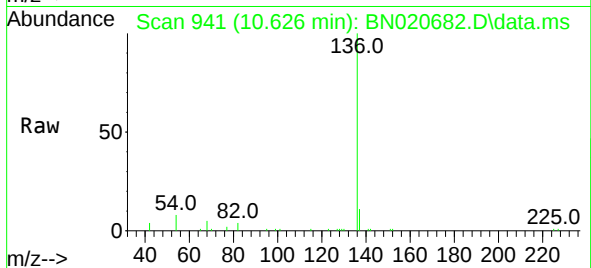
Tgt Ion: 93 Resp: 3524  
Ion Ratio Lower Upper  
93 100  
63 85.6 67.4 101.0  
95 34.4 26.5 39.7





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

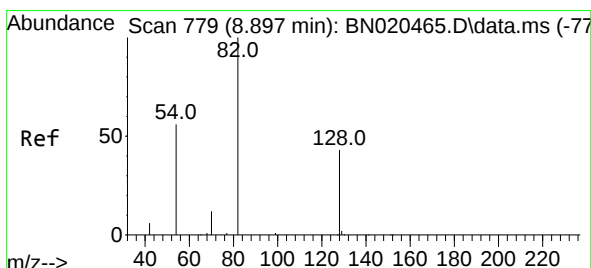
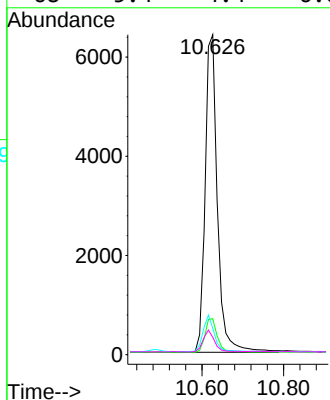
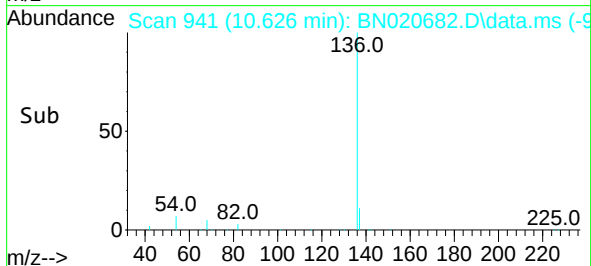
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion:136 Resp: 1336  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.6  
54 8.3 6.2 9.2  
68 5.4 4.4 6.6

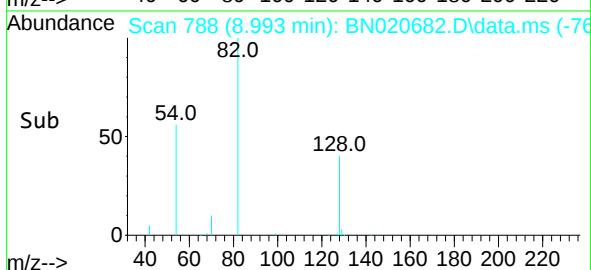
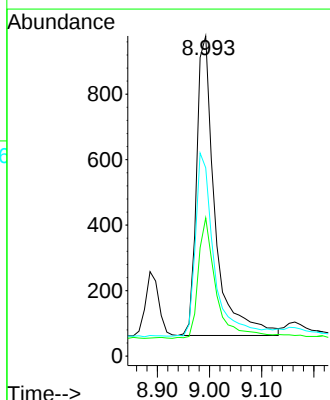
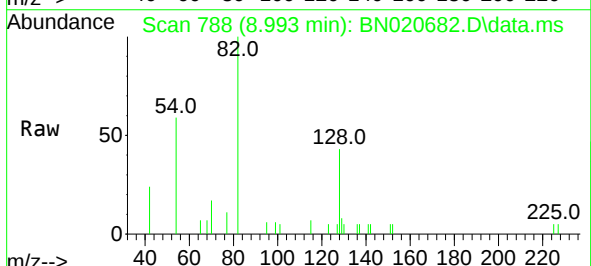
Manual Integrations  
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Supervised By :Jagrut Upadhyay 07/08/2022



#8  
Nitrobenzene-d5  
Concen: 0.208 ng  
RT: 8.993 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

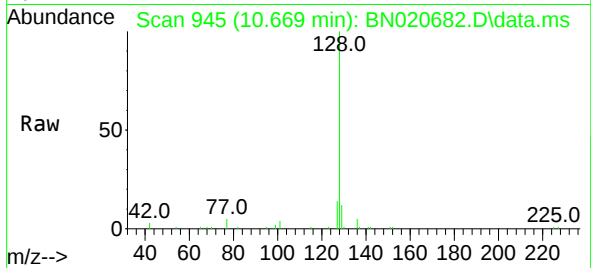
Tgt Ion: 82 Resp: 2248  
Ion Ratio Lower Upper  
82 100  
128 43.1 35.0 52.6  
54 58.8 46.2 69.4





#9  
Naphthalene  
Concen: 0.283 ng  
RT: 10.669 min Scan# 945  
Delta R.T. -0.011 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

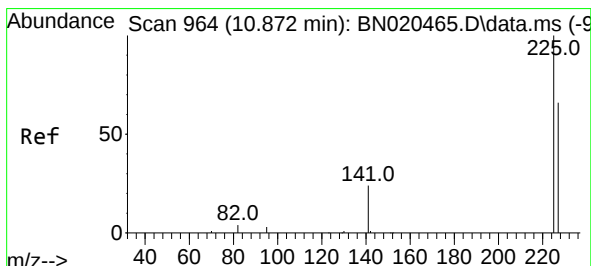
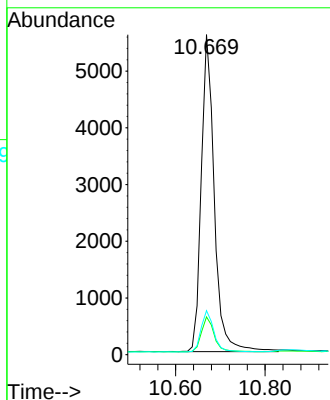
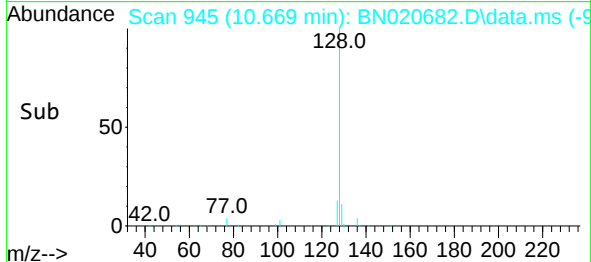
Instrument :  
BNA\_N  
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OW-03B-49-57-070622MS



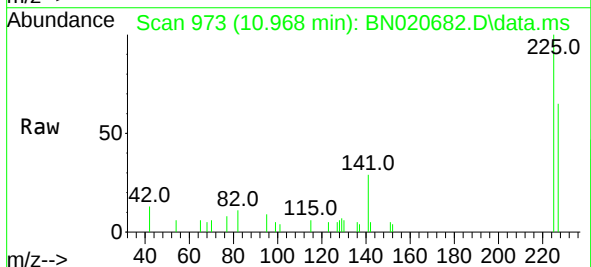
Tgt Ion:128 Resp: 1130  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.9 13.3  
127 13.7 10.8 16.2

Manual Integrations  
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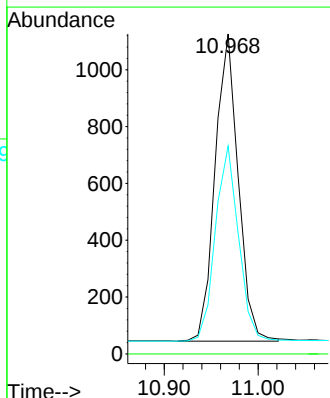
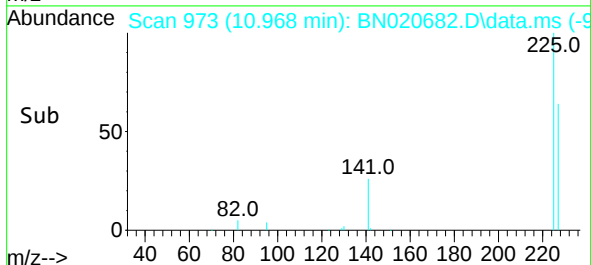
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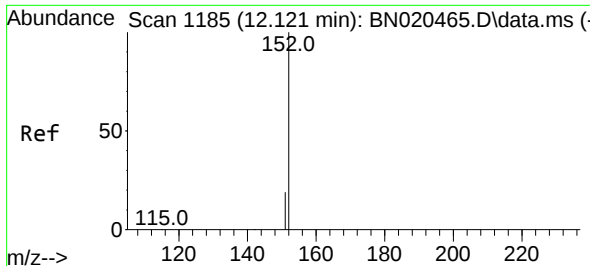


#10  
Hexachlorobutadiene  
Concen: 0.254 ng  
RT: 10.968 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08



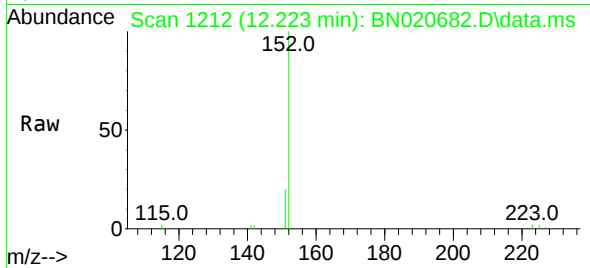
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 50.9 76.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.273 ng  
RT: 12.223 min Scan# 1185  
Delta R.T. -0.004 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

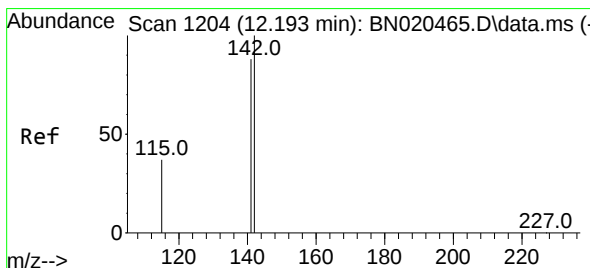
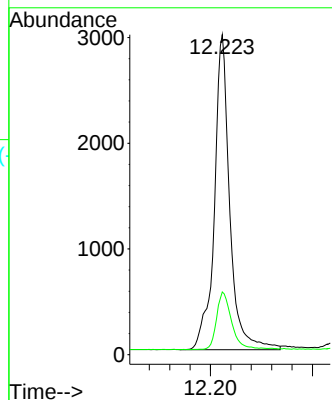
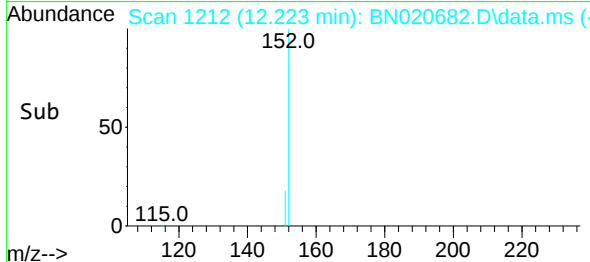
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



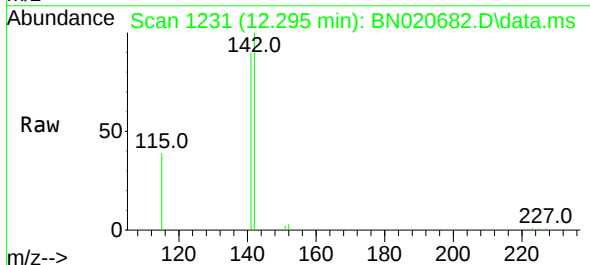
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Ion Ratio Lower Upper  
152 100  
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Manual Integrations  
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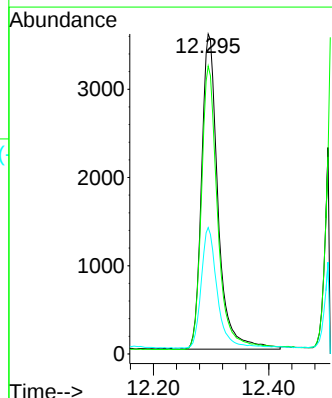
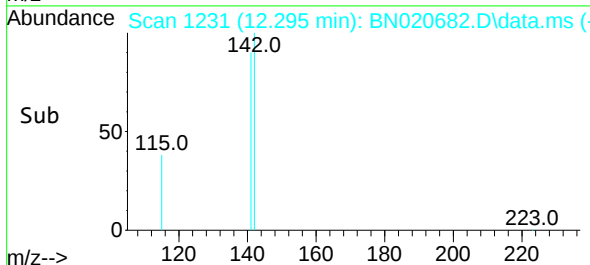
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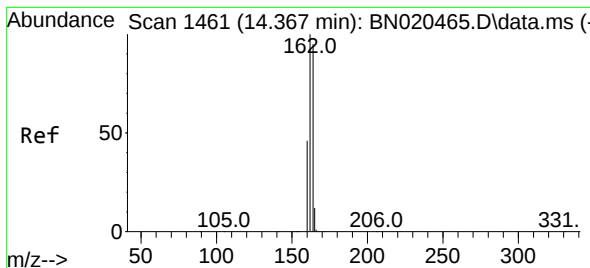


#12  
2-Methylnaphthalene  
Concen: 0.266 ng  
RT: 12.295 min Scan# 1231  
Delta R.T. -0.004 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08



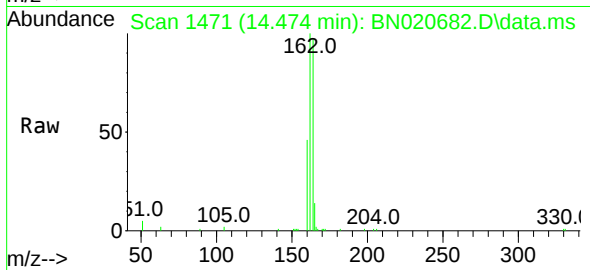
Tgt Ion:142 Resp: 7055  
Ion Ratio Lower Upper  
142 100  
141 90.0 71.6 107.4  
115 39.5 29.8 44.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

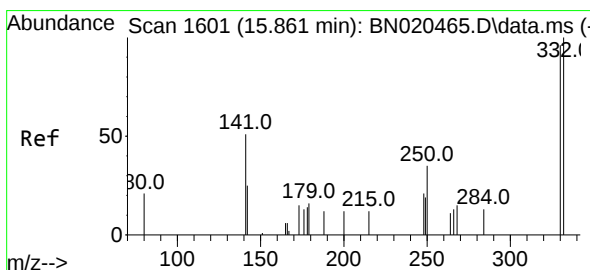
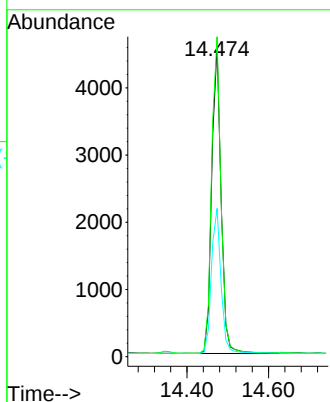
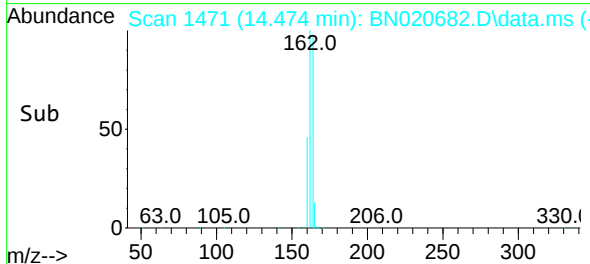
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



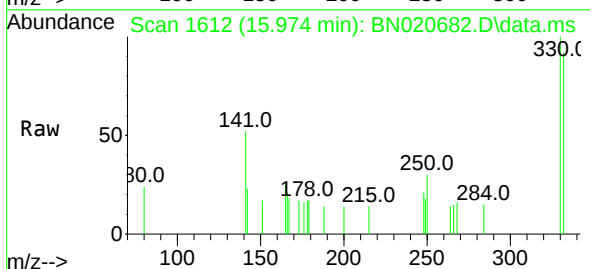
Tgt Ion:164 Resp: 730  
Ion Ratio Lower Upper  
164 100  
162 103.0 82.1 123.1  
160 47.7 38.6 58.0

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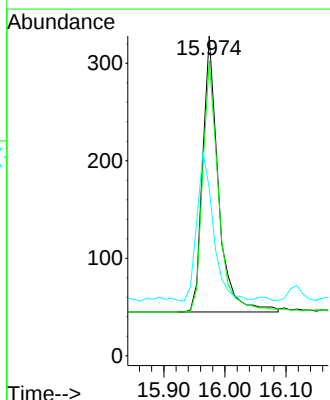
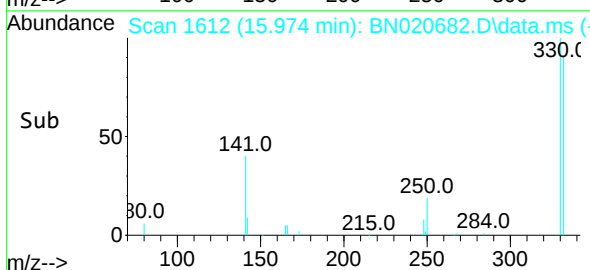
Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#14  
2,4,6-Tribromophenol  
Concen: 0.184 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08



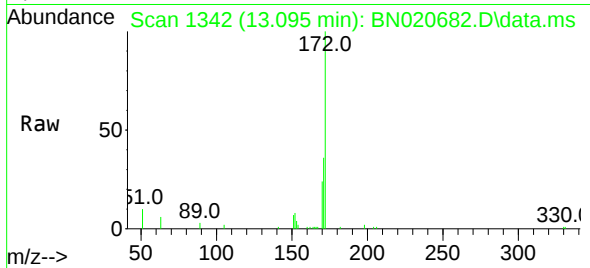
Tgt Ion:330 Resp: 506  
Ion Ratio Lower Upper  
330 100  
332 91.7 77.6 116.4  
141 55.3 41.0 61.4





#15  
2-Fluorobiphenyl  
Concen: 0.240 ng  
RT: 13.095 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

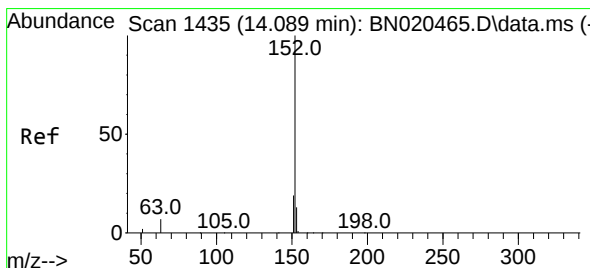
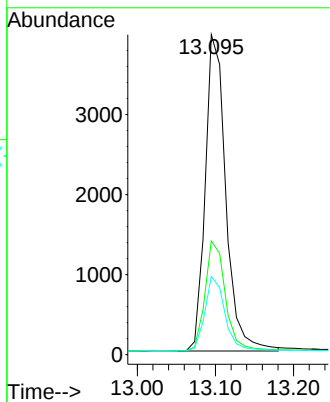
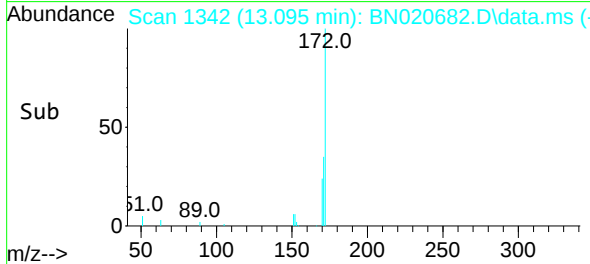
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion:172 Resp: 723  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.2 40.8  
170 24.5 18.2 27.4

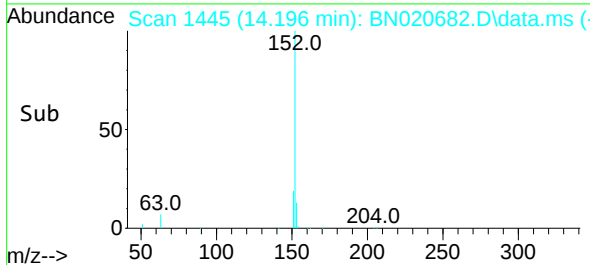
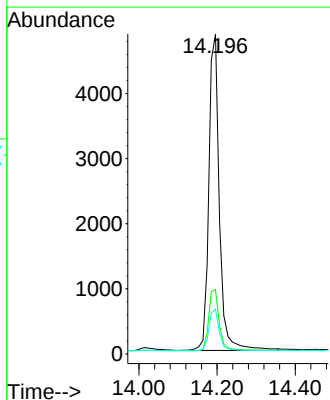
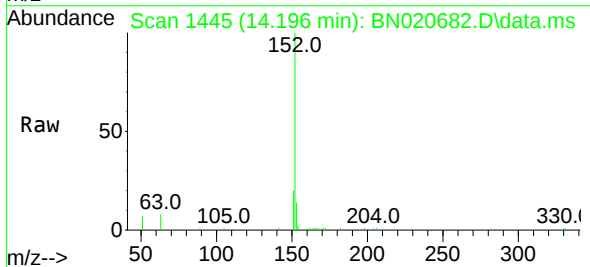
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Supervised By :Jagrut Upadhyay 07/08/2022



#16  
Acenaphthylene  
Concen: 0.260 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

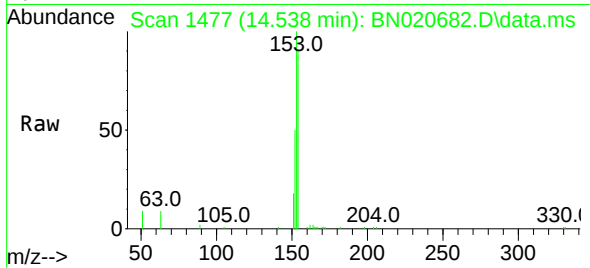
Tgt Ion:152 Resp: 9116  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.2 24.4  
153 13.1 10.7 16.1





#17  
Acenaphthene  
Concen: 0.269 ng  
RT: 14.538 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

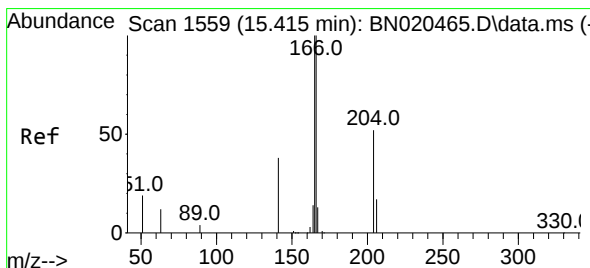
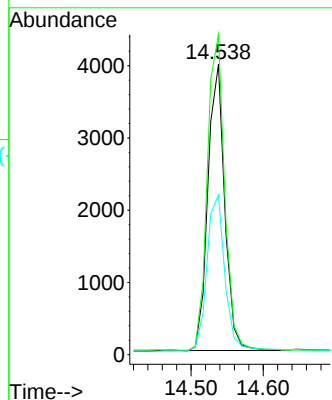
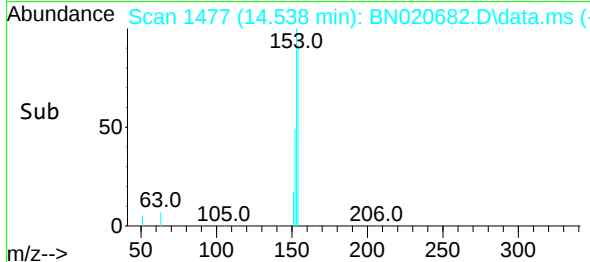
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



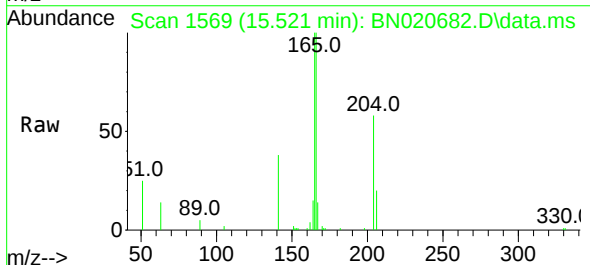
Tgt Ion:154 Resp: 6429  
Ion Ratio Lower Upper  
154 100  
153 115.3 87.5 131.3  
152 57.5 43.8 65.6

Manual Integrations  
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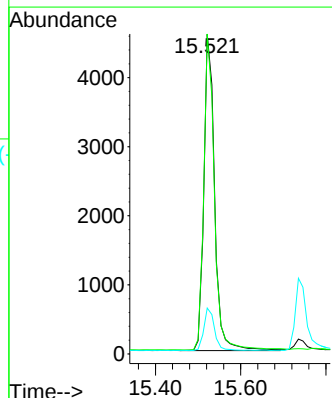
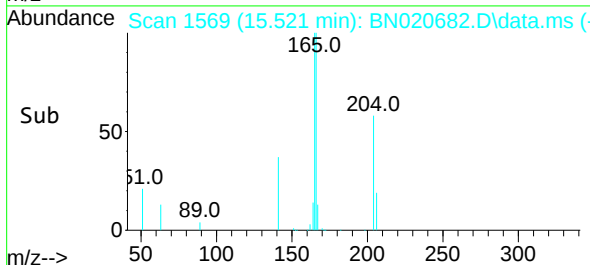
Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#18  
Fluorene  
Concen: 0.257 ng  
RT: 15.521 min Scan# 1569  
Delta R.T. -0.011 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08



Tgt Ion:166 Resp: 7996  
Ion Ratio Lower Upper  
166 100  
165 98.2 78.6 118.0  
167 13.4 10.8 16.2





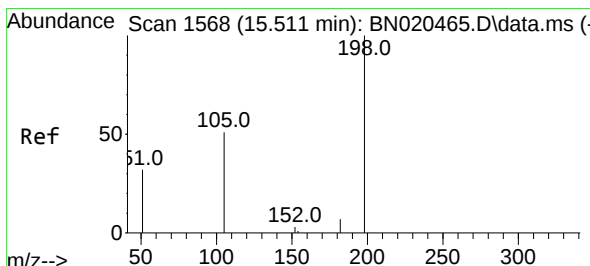
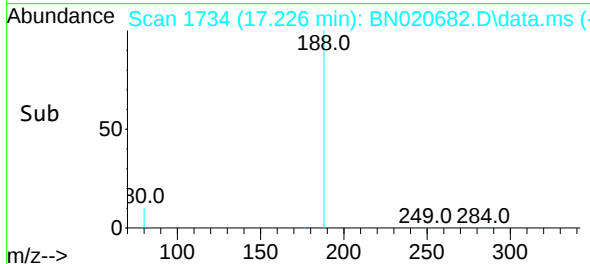
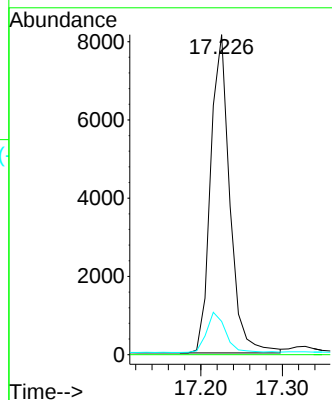
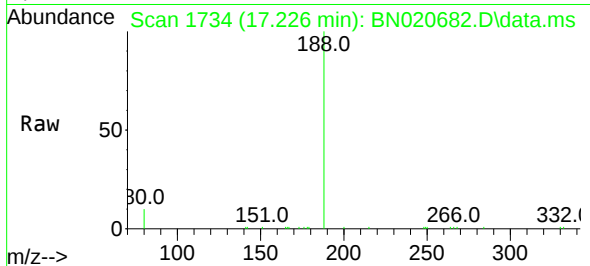
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS

Tgt Ion:188 Resp: 1328  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.4 7.4 11.2

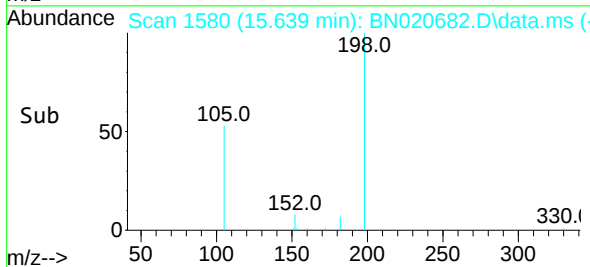
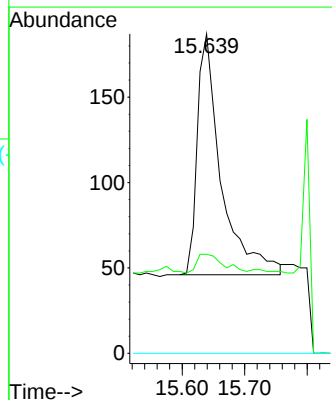
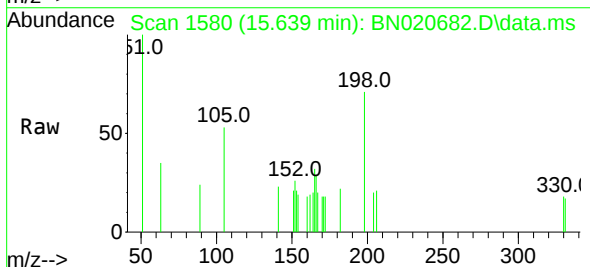
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Supervised By :Jagrut Upadhyay 07/08/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.369 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

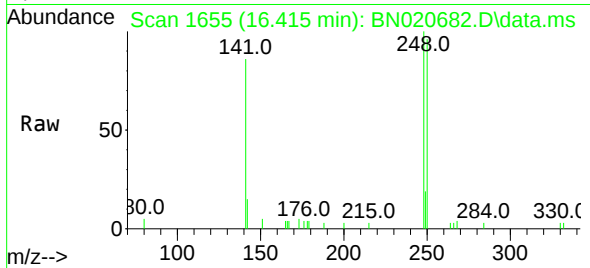
Tgt Ion:198 Resp: 374  
Ion Ratio Lower Upper  
198 100  
182 31.0 12.1 18.1#  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.301 ng  
RT: 16.415 min Scan# 1665  
Delta R.T. -0.010 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

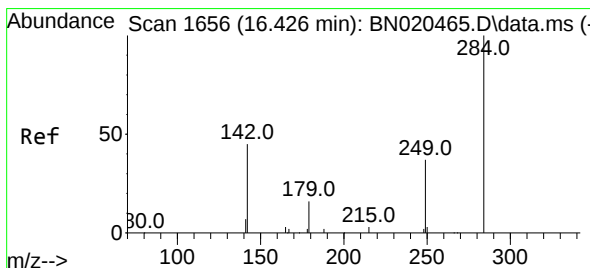
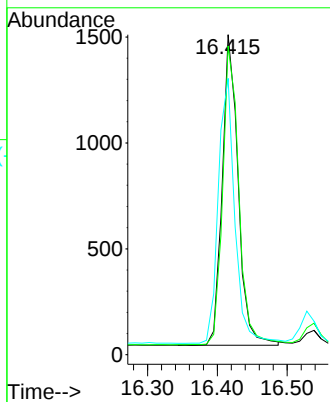
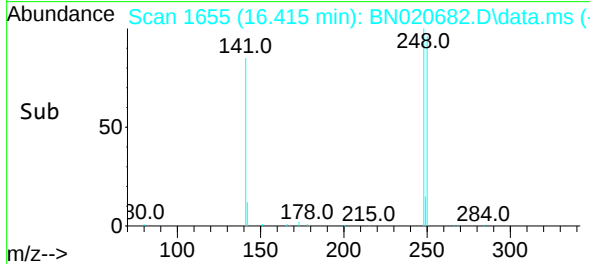
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



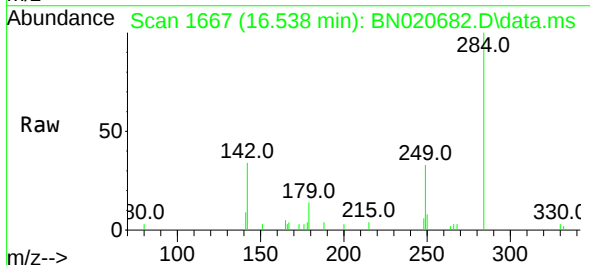
Tgt Ion:248 Resp: 2320  
Ion Ratio Lower Upper  
248 100  
250 96.5 75.3 112.9  
141 86.4 67.3 100.9

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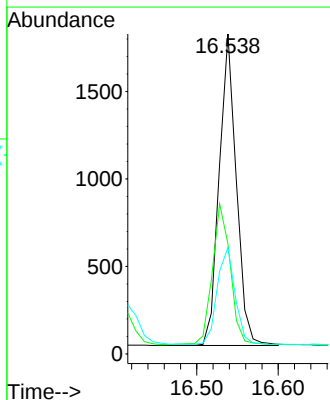
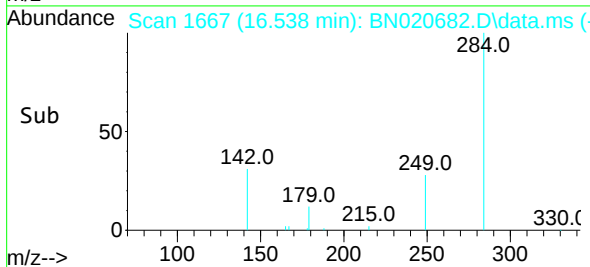
Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#22  
Hexachlorobenzene  
Concen: 0.304 ng  
RT: 16.538 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08



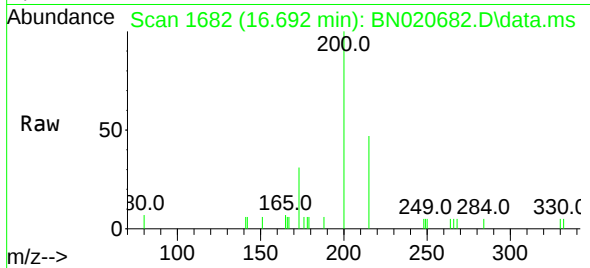
Tgt Ion:284 Resp: 2601  
Ion Ratio Lower Upper  
284 100  
142 46.8 35.2 52.8  
249 32.4 26.6 40.0





#23  
Atrazine  
Concen: 0.252 ng  
RT: 16.692 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

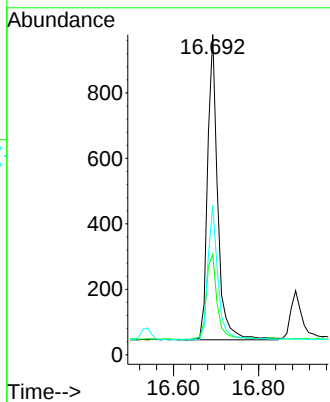
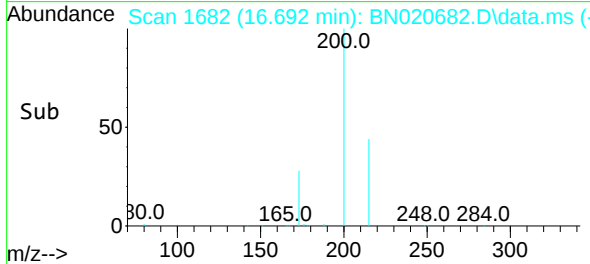
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion:200 Resp: 153  
Ion Ratio Lower Upper  
200 100  
173 31.4 23.6 35.4  
215 46.6 36.6 54.8

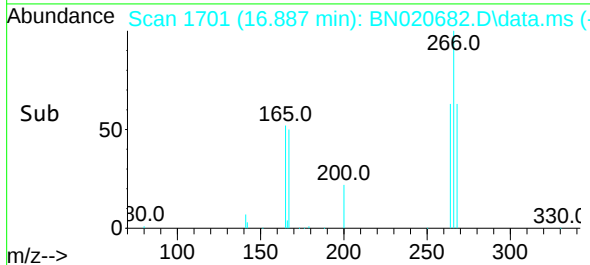
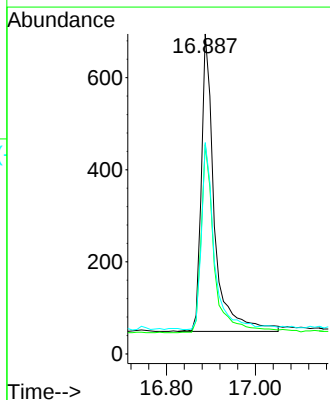
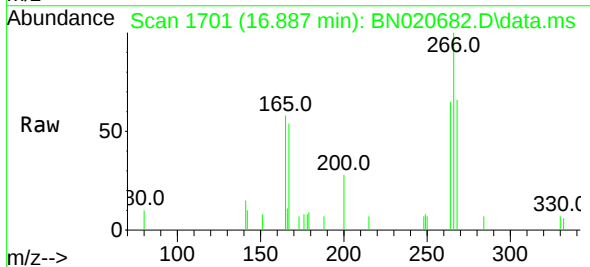
Manual Integrations  
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Supervised By :Jagrut Upadhyay 07/08/2022



#24  
Pentachlorophenol  
Concen: 0.664 ng  
RT: 16.887 min Scan# 1701  
Delta R.T. -0.010 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

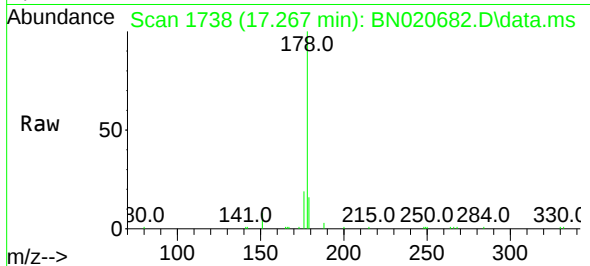
Tgt Ion:266 Resp: 1318  
Ion Ratio Lower Upper  
266 100  
264 63.7 51.3 76.9  
268 61.2 52.6 79.0





#25  
Phenanthrene  
Concen: 0.291 ng  
RT: 17.267 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

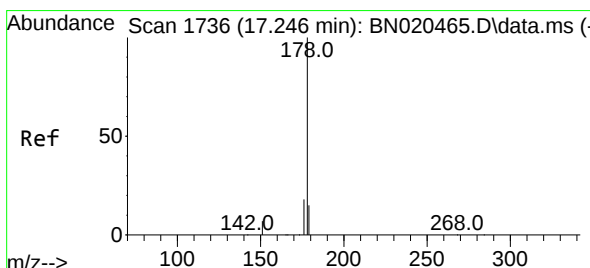
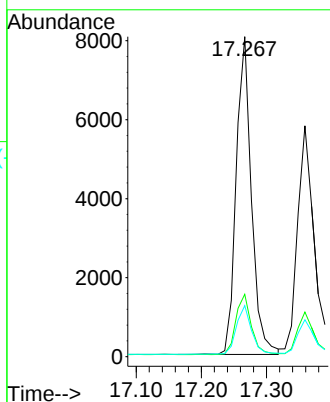
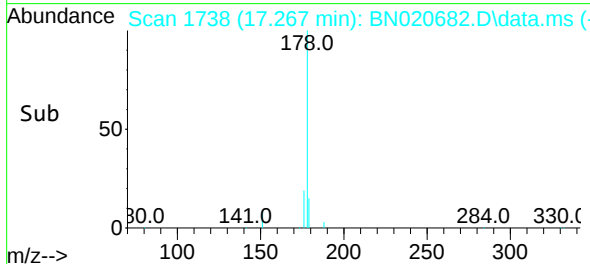
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



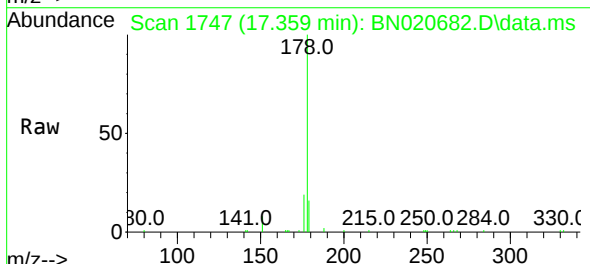
Tgt Ion:178 Resp: 13020  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.5 12.2 18.4

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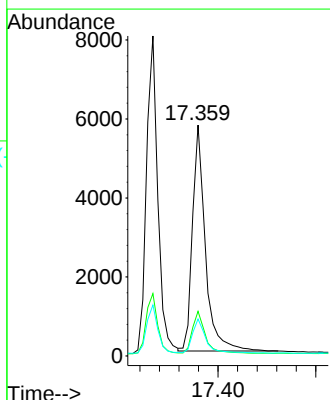
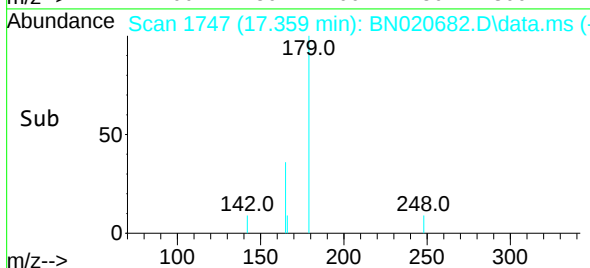
Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#26  
Anthracene  
Concen: 0.272 ng  
RT: 17.359 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08



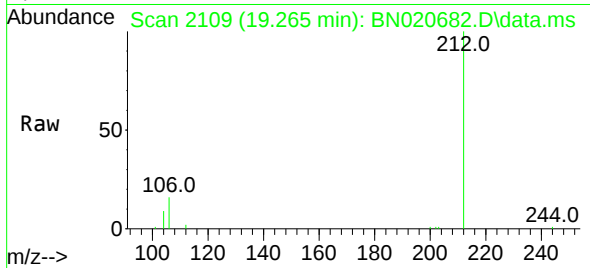
Tgt Ion:178 Resp: 10519  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.4 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.276 ng  
RT: 19.265 min Scan# 2110  
Delta R.T. -0.004 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

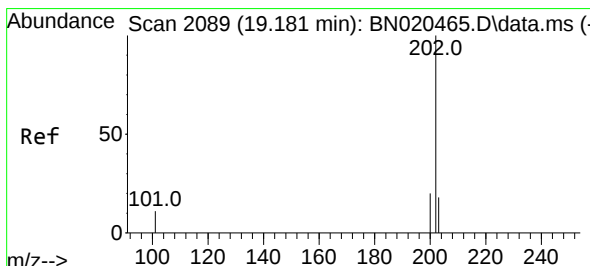
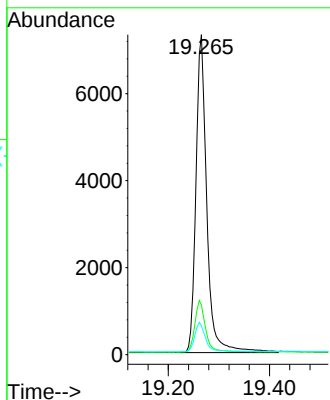
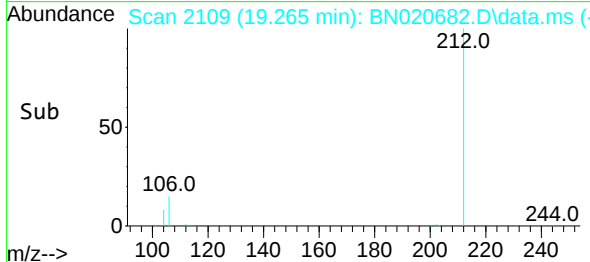
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion:212 Resp: 10904  
Ion Ratio Lower Upper  
212 100  
106 16.0 12.6 19.0  
104 9.1 7.2 10.8

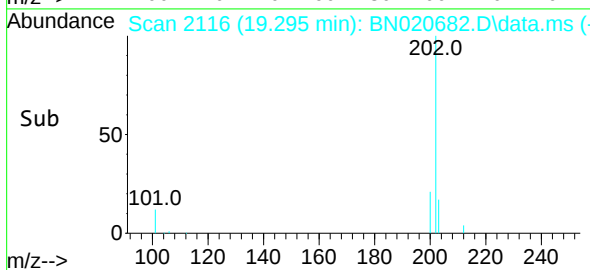
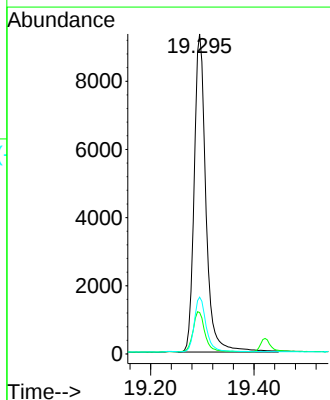
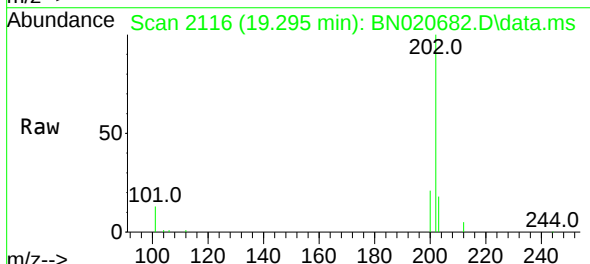
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Supervised By :Jagrut Upadhyay 07/08/2022



#28  
Fluoranthene  
Concen: 0.301 ng  
RT: 19.295 min Scan# 2116  
Delta R.T. -0.004 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

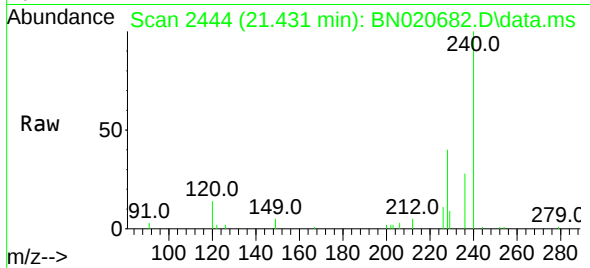
Tgt Ion:202 Resp: 14707  
Ion Ratio Lower Upper  
202 100  
101 12.7 9.6 14.4  
203 17.3 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.431 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

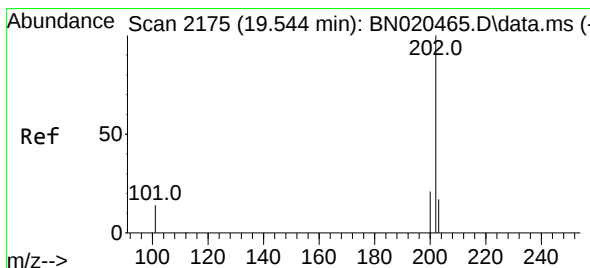
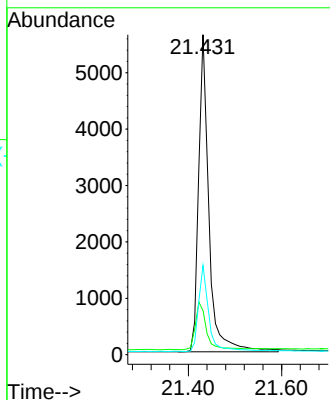
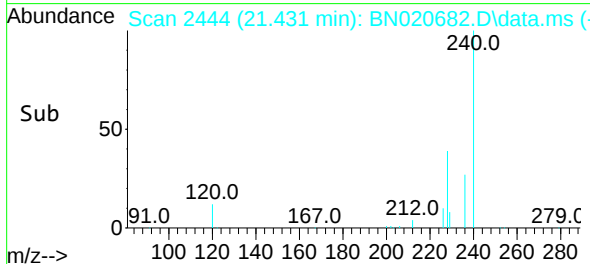
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion:240 Resp: 8680  
Ion Ratio Lower Upper  
240 100  
120 13.9 14.6 21.8  
236 27.9 22.6 33.8

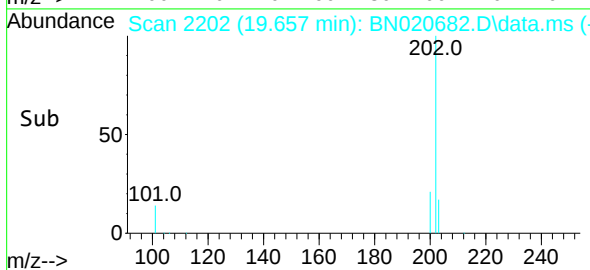
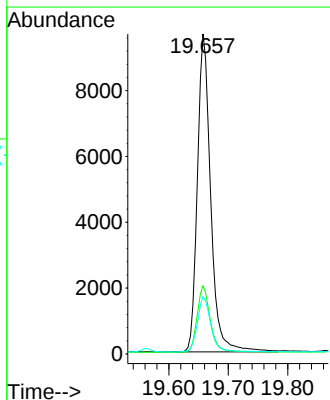
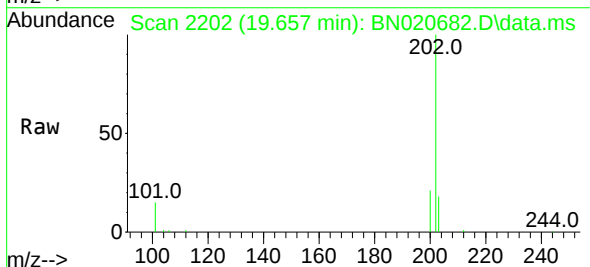
Manual Integrations  
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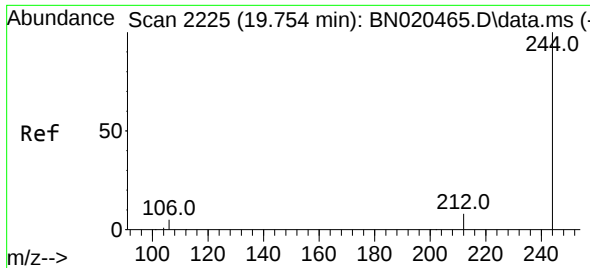
Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#30  
Pyrene  
Concen: 0.408 ng  
RT: 19.657 min Scan# 2202  
Delta R.T. -0.004 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

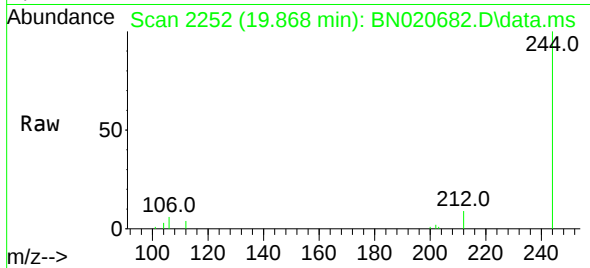
Tgt Ion:202 Resp: 15017  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.6 25.0  
203 17.7 14.2 21.2





#31  
 Terphenyl-d14  
 Concen: 0.445 ng  
 RT: 19.868 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08

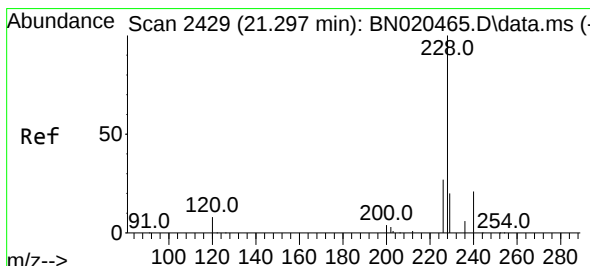
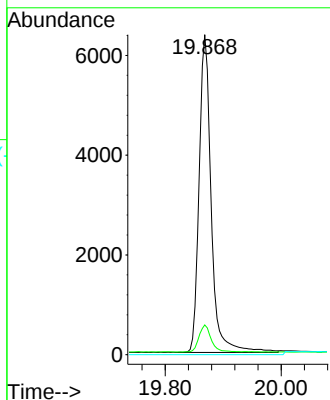
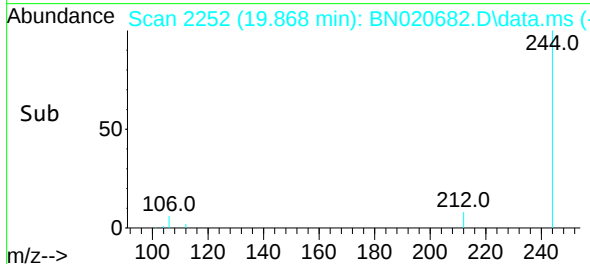
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-49-57-070622MS



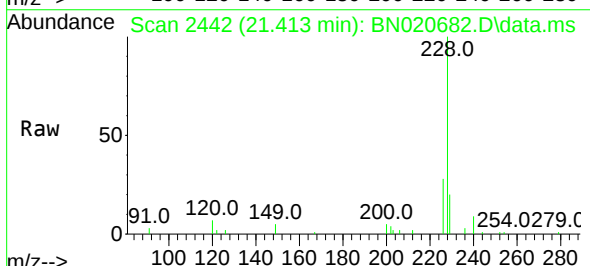
Tgt Ion:244 Resp: 9244  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.1 10.7  
 122 0.0 0.0 0.0

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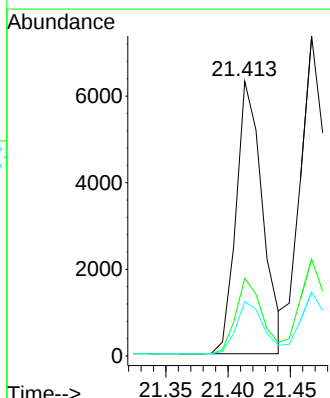
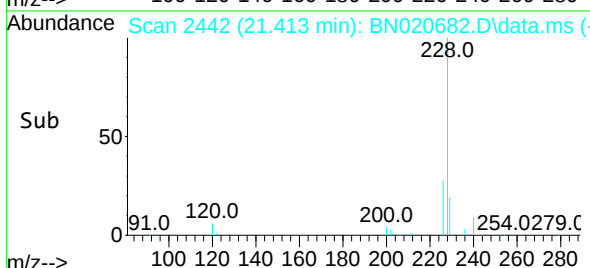
Reviewed By :Christian Giraldo 07/08/2022  
 Supervised By :Jagrut Upadhyay 07/08/2022



#32  
 Benzo(a)anthracene  
 Concen: 0.301 ng  
 RT: 21.413 min Scan# 2442  
 Delta R.T. -0.009 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08



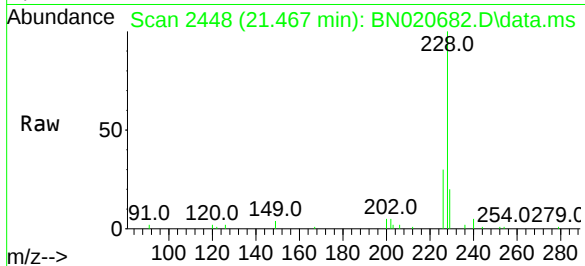
Tgt Ion:228 Resp: 9332  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 21.2 31.8  
 229 19.9 15.6 23.4





#33  
Chrysene  
Concen: 0.335 ng  
RT: 21.467 min Scan# 2448  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

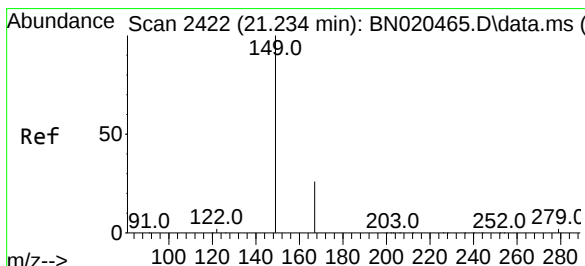
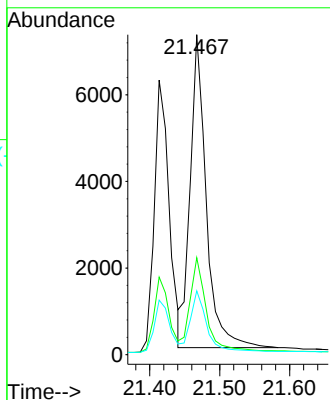
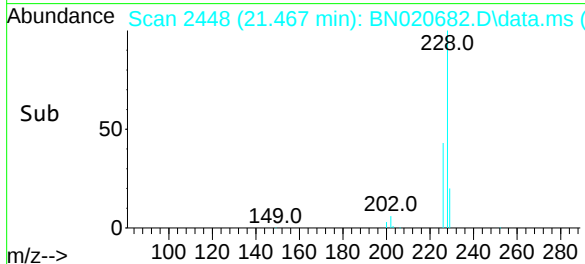
Instrument :  
BNA\_N  
ClientSampleId :  
OW-03B-49-57-070622MS



Tgt Ion: 228 Resp: 11500  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.4 35.0  
229 19.9 15.7 23.5

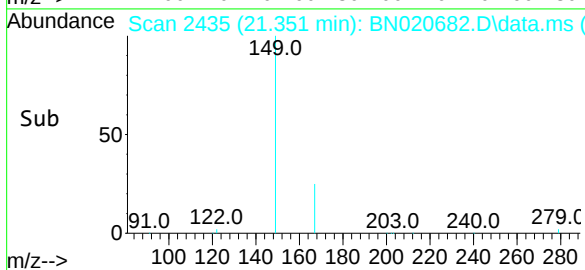
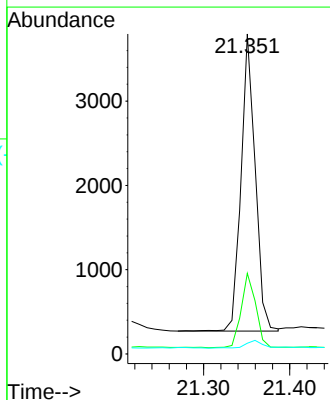
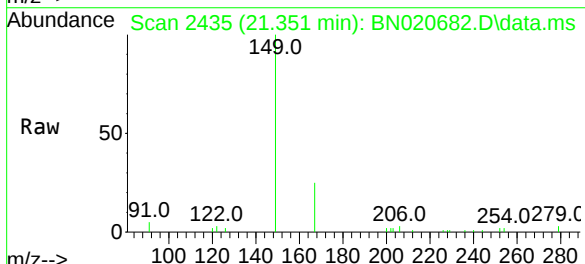
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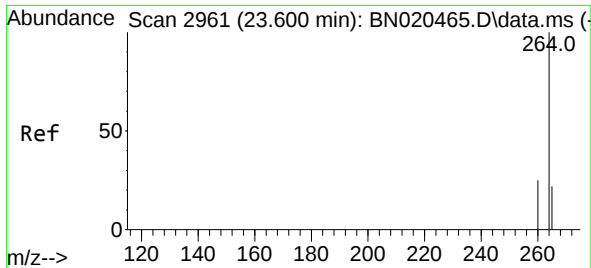
Reviewed By : Christian Giraldo 07/08/2022  
Supervised By : Jagrut Upadhyay 07/08/2022



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.231 ng  
RT: 21.351 min Scan# 2435  
Delta R.T. 0.000 min  
Lab File: BN020682.D  
Acq: 07 Jul 2022 18:08

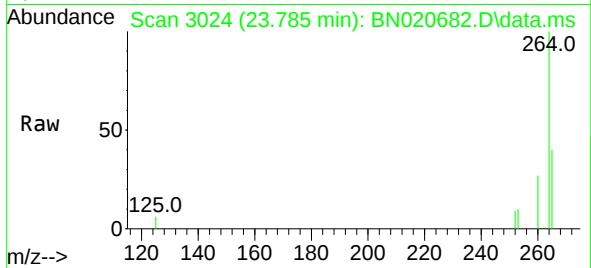
Tgt Ion: 149 Resp: 4042  
Ion Ratio Lower Upper  
149 100  
167 25.9 21.7 32.5  
279 3.1 2.2 3.2





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.785 min Scan# 3024  
 Delta R.T. -0.006 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08

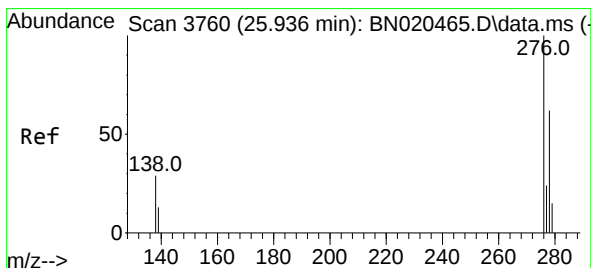
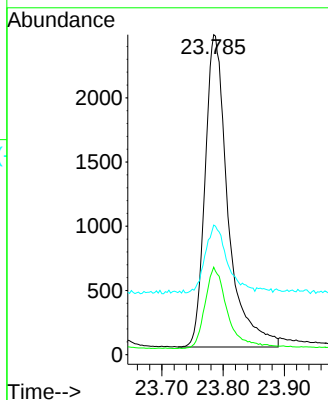
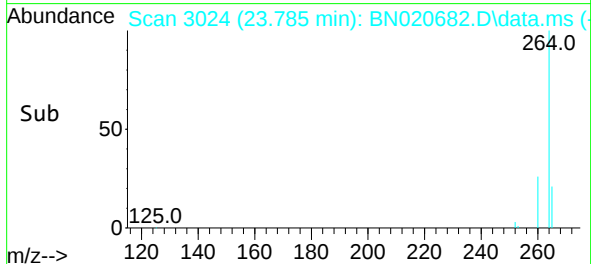
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-49-57-070622MS



Tgt Ion:264 Resp: 6312  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 20.9 31.3  
 265 40.5 28.0 42.0

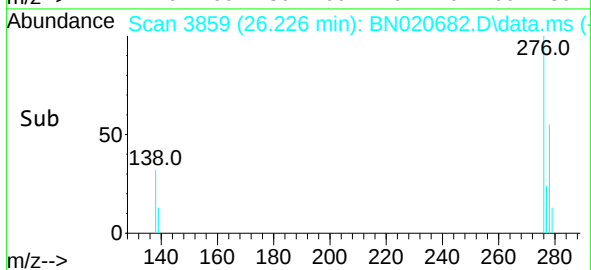
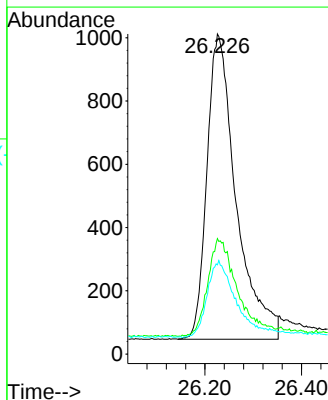
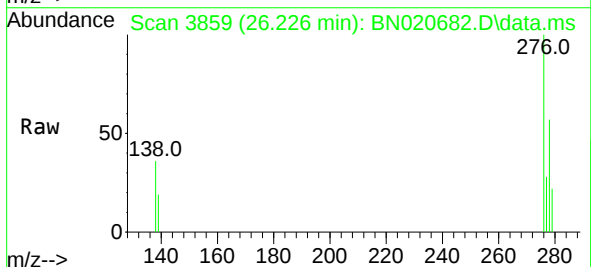
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Reviewed By :Christian Giraldo 07/08/2022  
 Supervised By :Jagrut Upadhyay 07/08/2022



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.144 ng  
 RT: 26.226 min Scan# 3859  
 Delta R.T. 0.003 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08

Tgt Ion:276 Resp: 4048  
 Ion Ratio Lower Upper  
 276 100  
 138 32.8 25.9 38.9  
 277 24.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.289 ng

RT: 23.071 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN020682.D

Acq: 07 Jul 2022 18:08

Instrument :

BNA\_N

ClientSampleId :

OW-03B-49-57-070622MS

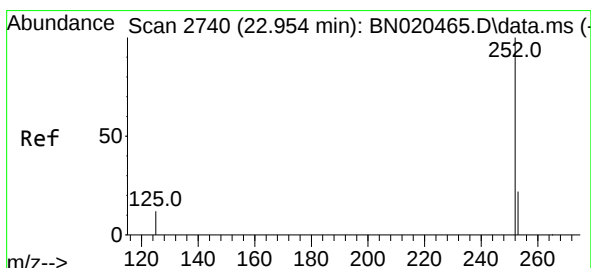
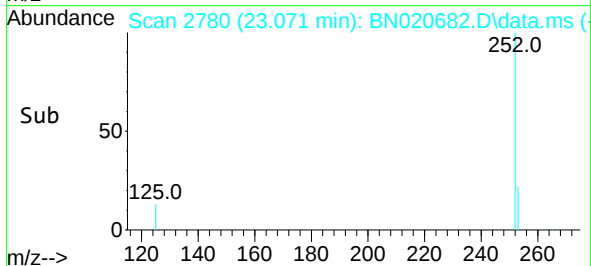
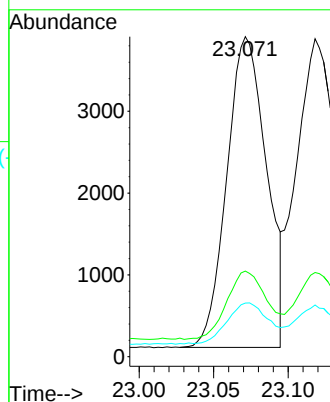
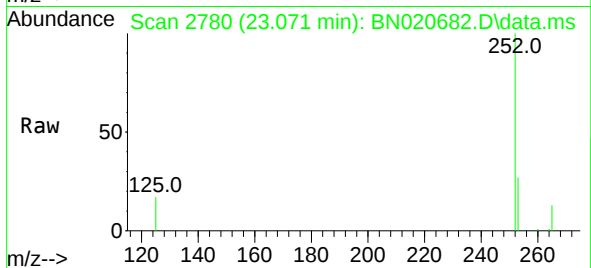
Tgt Ion:252 Resp: 7032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 26.7  | 18.5  | 27.7  |
| 125 | 16.7  | 11.4  | 17.0  |

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022  
Supervised By :Jagrut Upadhyay 07/08/2022



#38

Benzo(k)fluoranthene

Concen: 0.295 ng m

RT: 23.118 min Scan# 2796

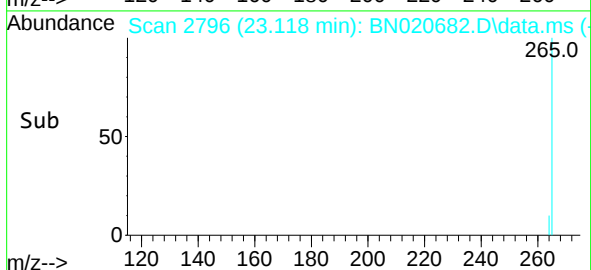
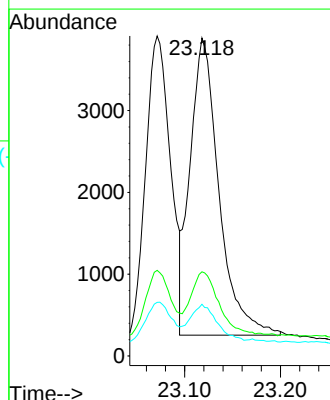
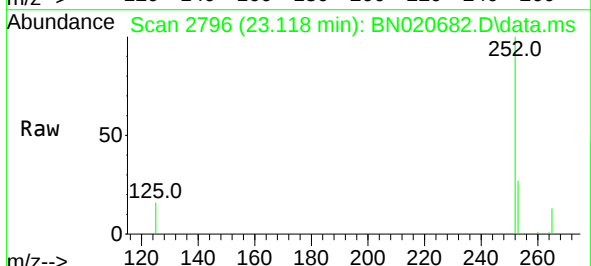
Delta R.T. -0.003 min

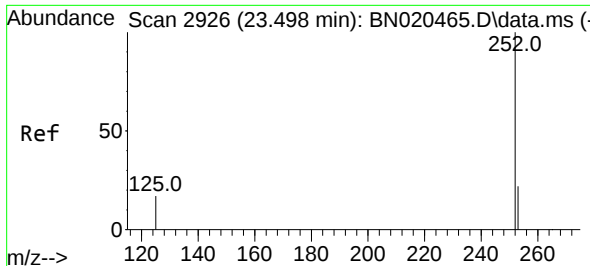
Lab File: BN020682.D

Acq: 07 Jul 2022 18:08

Tgt Ion:252 Resp: 7630

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 26.5  | 18.0  | 27.0  |
| 125 | 16.3  | 11.0  | 16.4  |





#39

Benzo(a)pyrene

Concen: 0.245 ng

RT: 23.682 min Scan# 2926

Delta R.T. -0.003 min

Lab File: BN020682.D

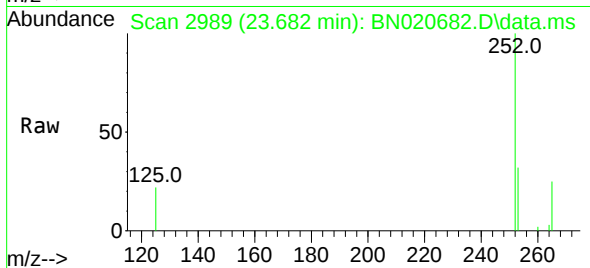
Acq: 07 Jul 2022 18:08

Instrument :

BNA\_N

ClientSampleId :

OW-03B-49-57-070622MS



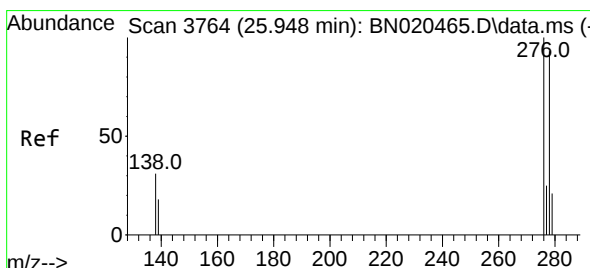
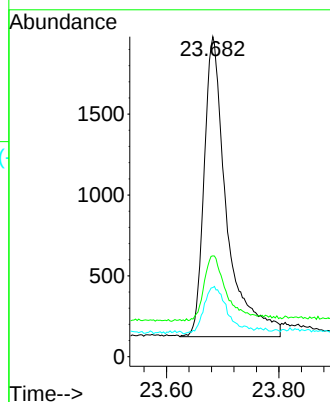
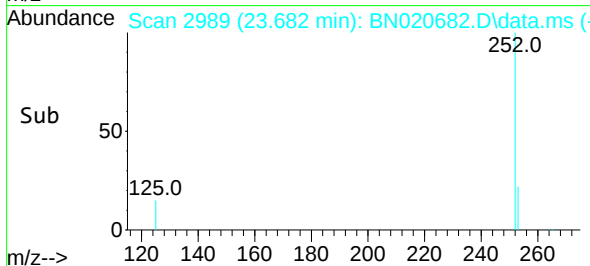
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 5174 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 31.5  | 19.0  | 28.4 |
| 125       | 21.6  | 13.8  | 20.8 |

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/08/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.154 ng

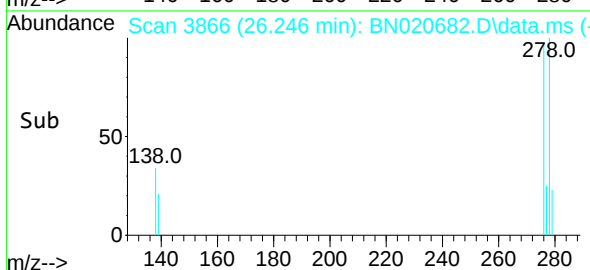
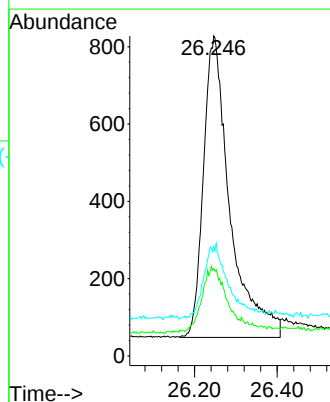
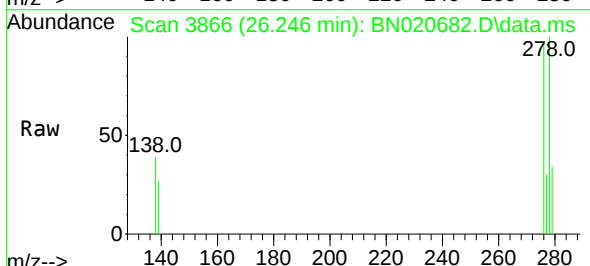
RT: 26.246 min Scan# 3866

Delta R.T. 0.000 min

Lab File: BN020682.D

Acq: 07 Jul 2022 18:08

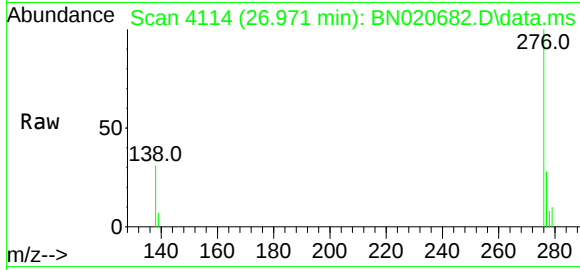
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 3478 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 27.3  | 18.6  | 28.0 |
| 279       | 34.2  | 19.7  | 29.5 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.163 ng  
 RT: 26.971 min Scan# 41  
 Delta R.T. 0.003 min  
 Lab File: BN020682.D  
 Acq: 07 Jul 2022 18:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-03B-49-57-070622MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 27.8  | 19.5  | 29.3  |
| 138     | 30.7  | 22.6  | 34.0  |

Manual Integrations  
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Reviewed By :Christian Giraldo 07/08/2022  
 Supervised By :Jagrut Upadhyay 07/08/2022

