

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032222\  
 Data File : BN019120.D  
 Acq On : 24 Mar 2022 10:31  
 Operator : CG/JU  
 Sample : N2074-20MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 N2074-19MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/24/2022  
 Supervised By : Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 14:32:20 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 13:18:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 3833     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 9976     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 5717     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.225 | 188  | 11529    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.413 | 240  | 8663     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.785 | 264  | 6928     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 807      | 0.094 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 452      | 0.050 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 1406     | 0.195 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.250 | 152  | 3909     | 0.236 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.984 | 330  | 465      | 0.169 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 5745     | 0.251 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.261 | 212  | 11798    | 0.345 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.860 | 244  | 7538     | 0.354 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.247  | 88   | 15500    | 3.272 | ng    | # 92     |
| 3) n-Nitrosodimethylamine     | 3.579  | 42   | 597      | 0.108 | ng    | # 86     |
| 6) bis(2-Chloroethyl)ether    | 7.269  | 93   | 2837     | 0.265 | ng    | 92       |
| 9) Naphthalene                | 10.701 | 128  | 7877     | 0.278 | ng    | 97       |
| 10) Hexachlorobutadiene       | 11.000 | 225  | 1714     | 0.247 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.321 | 142  | 4805     | 0.249 | ng    | 97       |
| 16) Acenaphthylene            | 14.206 | 152  | 6726     | 0.254 | ng    | 99       |
| 17) Acenaphthene              | 14.549 | 154  | 4845     | 0.260 | ng    | 98       |
| 18) Fluorene                  | 15.532 | 166  | 6000     | 0.256 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 248      | 0.224 | ng    | # 29     |
| 21) 4-Bromophenyl-phenylether | 16.425 | 248  | 1825     | 0.251 | ng    | # 93     |
| 22) Hexachlorobenzene         | 16.549 | 284  | 2730     | 0.291 | ng    | 99       |
| 23) Atrazine                  | 16.682 | 200  | 1515     | 0.279 | ng    | 97       |
| 24) Pentachlorophenol         | 16.887 | 266  | 651      | 0.226 | ng    | 100      |
| 25) Phenanthrene              | 17.267 | 178  | 10100    | 0.280 | ng    | 100      |
| 26) Anthracene                | 17.369 | 178  | 7461     | 0.245 | ng    | 99       |
| 28) Fluoranthene              | 19.291 | 202  | 14872    | 0.352 | ng    | 99       |
| 30) Pyrene                    | 19.653 | 202  | 15449    | 0.358 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.404 | 228  | 8918     | 0.334 | ng    | 99       |
| 33) Chrysene                  | 21.458 | 228  | 13304    | 0.369 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 6113     | 0.345 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.246 | 276  | 7672     | 0.307 | ng    | # 84     |
| 37) Benzo(b)fluoranthene      | 23.065 | 252  | 9474     | 0.375 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.112 | 252  | 13151m   | 0.380 | ng    |          |
| 39) Benzo(a)pyrene            | 23.685 | 252  | 9090     | 0.395 | ng    | # 89     |
| 40) Dibenzo(a,h)anthracene    | 26.267 | 278  | 7171m    | 0.368 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.983 | 276  | 9398     | 0.383 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

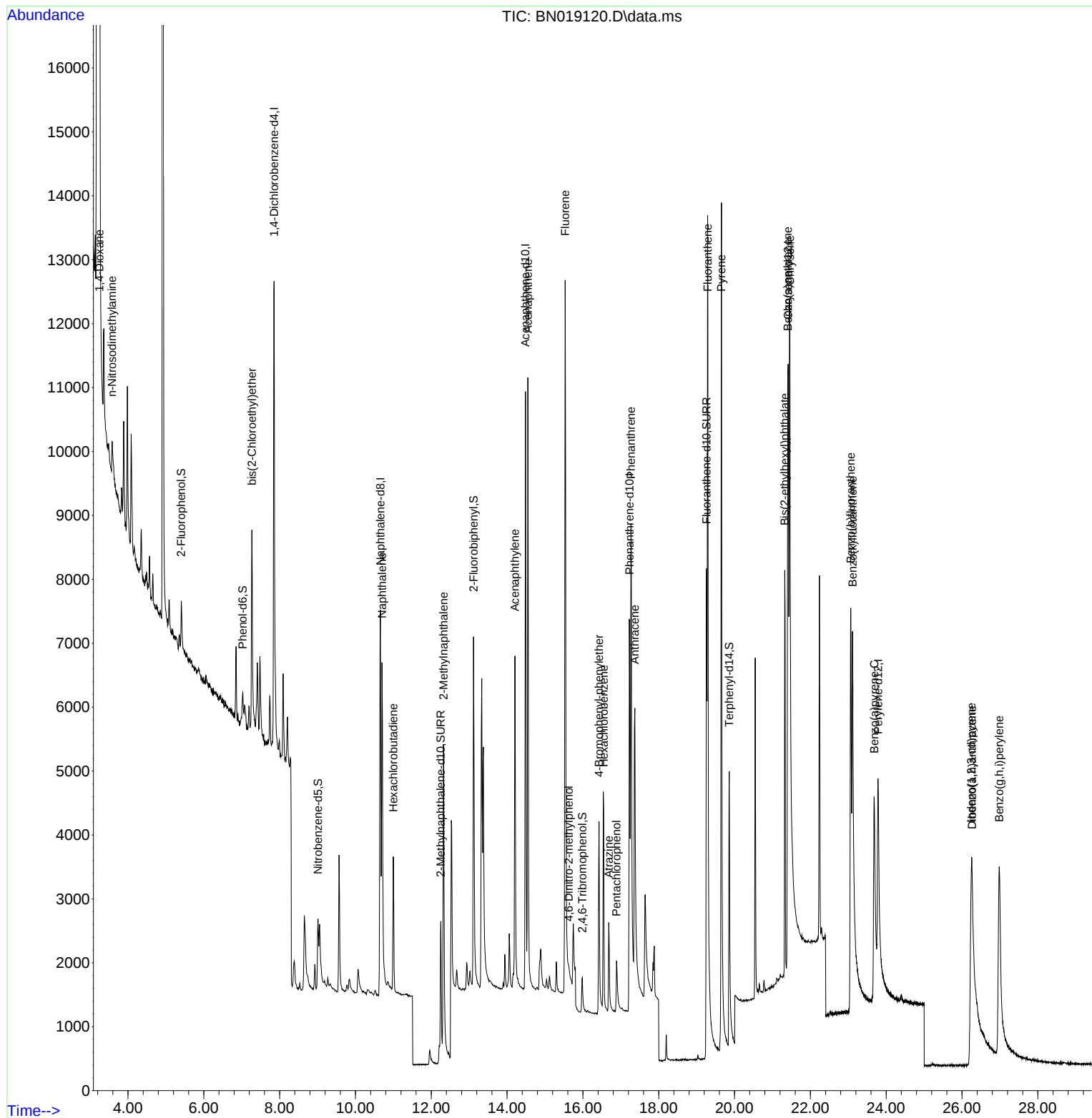
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032222\  
 Data File : BN019120.D  
 Acq On : 24 Mar 2022 10:31  
 Operator : CG/JU  
 Sample : N2074-20MS  
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 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/24/2022  
 Supervised By : Jagrut Upadhyay 03/24/2022

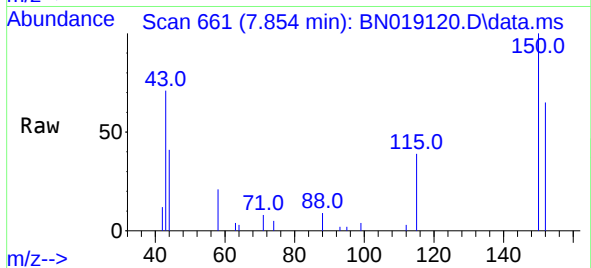
Quant Time: Mar 24 14:32:20 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 13:18:23 2022  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 661  
Delta R.T. 0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

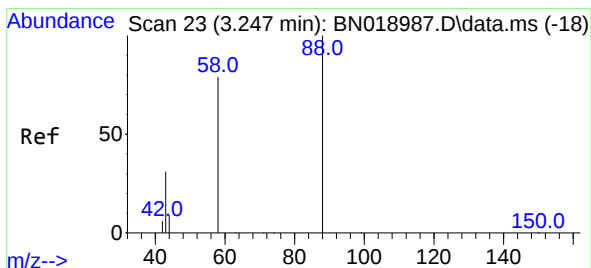
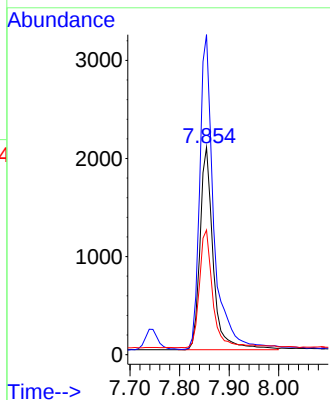
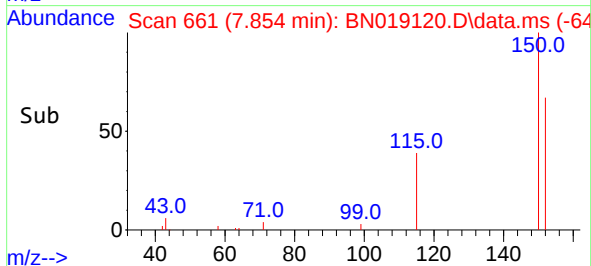
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



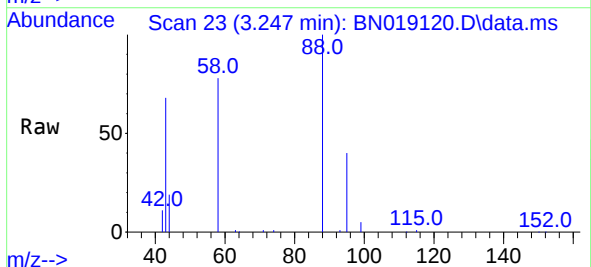
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Ion Ratio Lower Upper  
152 100  
150 154.4 123.9 185.9  
115 60.1 48.2 72.4

Manual Integrations  
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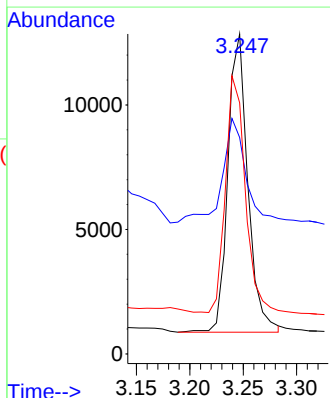
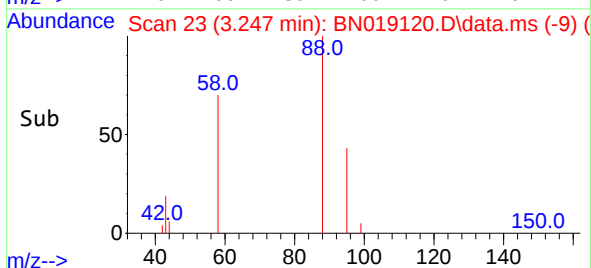
Reviewed By : Christian Giraldo 03/24/2022  
Supervised By : Jagrut Upadhyay 03/24/2022

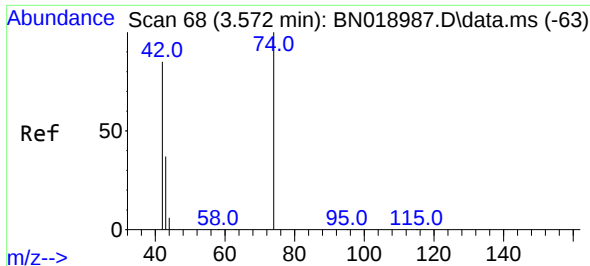


#2  
1,4-Dioxane  
Concen: 3.272 ng  
RT: 3.247 min Scan# 23  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



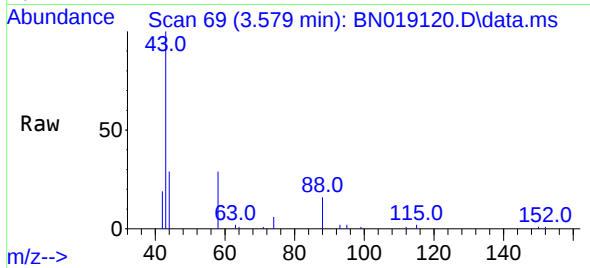
Tgt Ion: 88 Resp: 15500  
Ion Ratio Lower Upper  
88 100  
43 41.3 24.6 37.0  
58 78.3 65.4 98.2





#3  
n-Nitrosodimethylamine  
Concen: 0.108 ng  
RT: 3.579 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

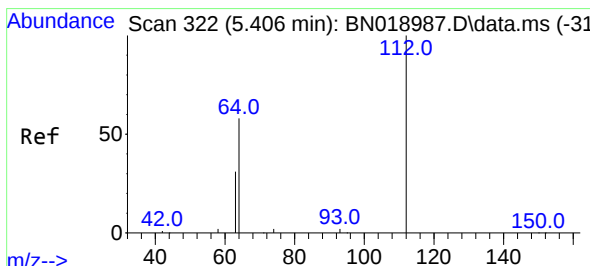
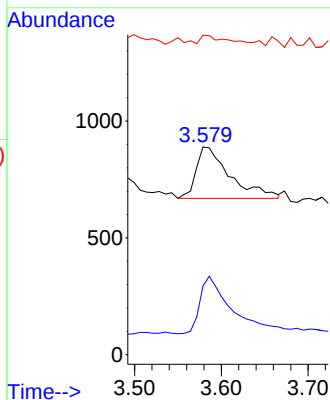
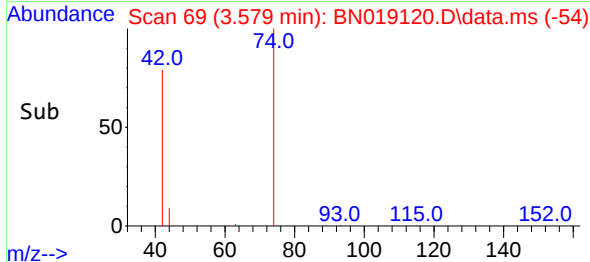
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



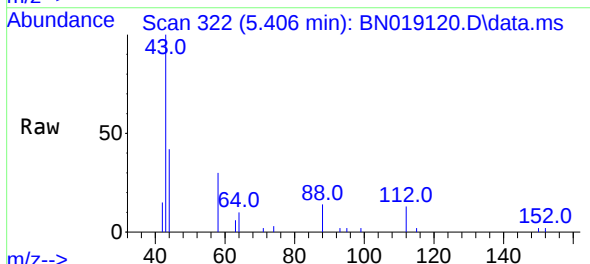
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Ion Ratio Lower Upper  
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74 106.0 96.9 145.3  
44 17.4 7.3 10.9

Manual Integrations  
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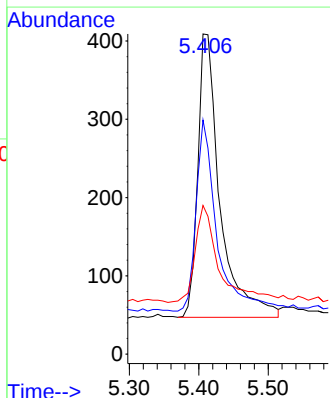
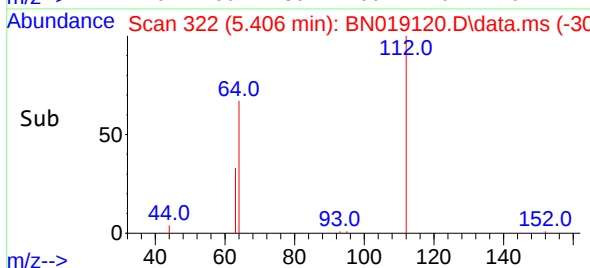
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

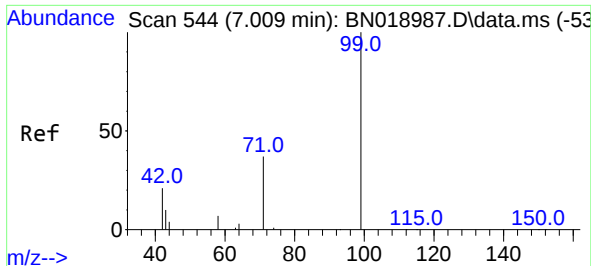


#4  
2-Fluorophenol  
Concen: 0.094 ng  
RT: 5.406 min Scan# 322  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



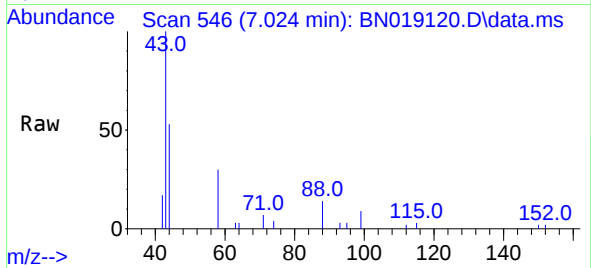
Tgt Ion:112 Resp: 807  
Ion Ratio Lower Upper  
112 100  
64 64.1 47.8 71.8  
63 37.9 25.7 38.5





#5  
Phenol-d6  
Concen: 0.050 ng  
RT: 7.024 min Scan# 544  
Delta R.T. 0.014 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

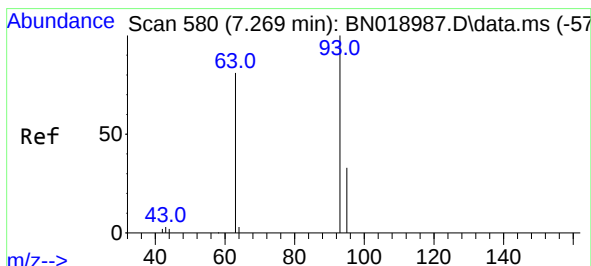
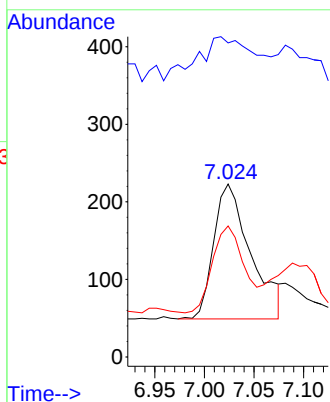
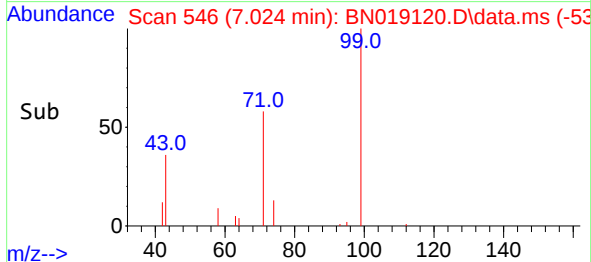
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



Tgt Ion: 99 Resp: 452  
Ion Ratio Lower Upper  
99 100  
42 50.9 16.2 24.4  
71 54.9 27.7 41.5

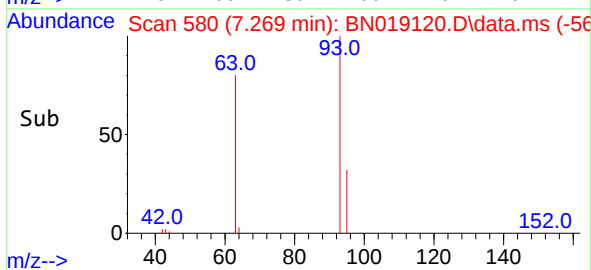
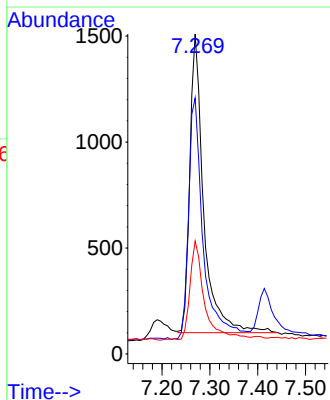
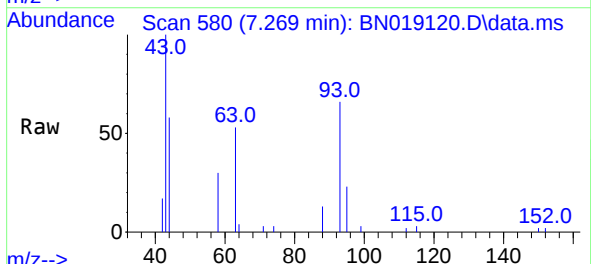
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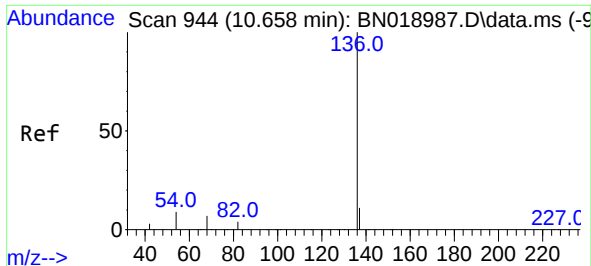
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.265 ng  
RT: 7.269 min Scan# 580  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

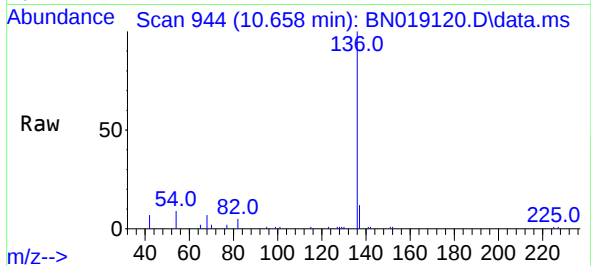
Tgt Ion: 93 Resp: 2837  
Ion Ratio Lower Upper  
93 100  
63 86.4 62.8 94.2  
95 35.7 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

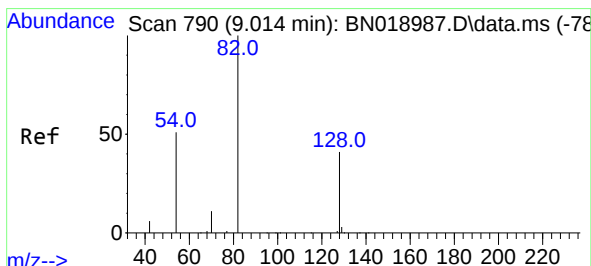
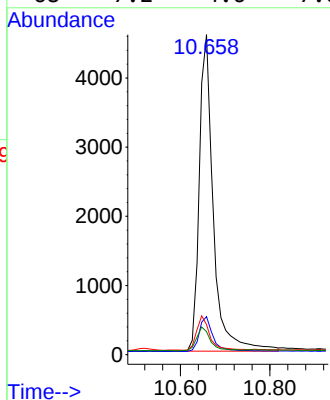
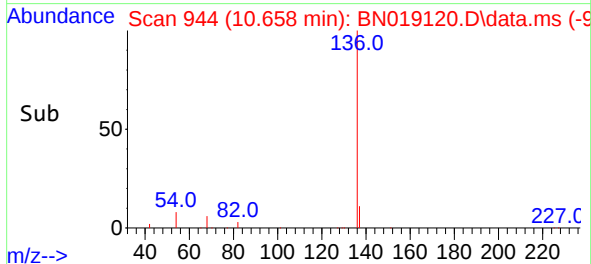
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



Tgt Ion:136 Resp: 9970  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.0 13.4  
54 9.4 5.8 8.6  
68 7.2 4.6 7.0#

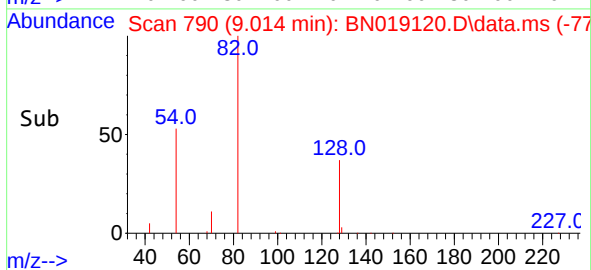
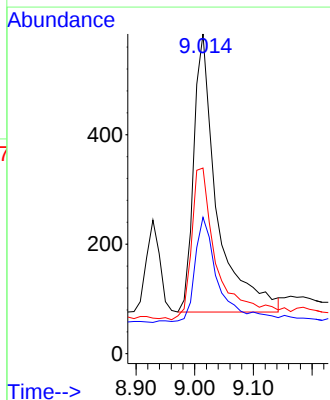
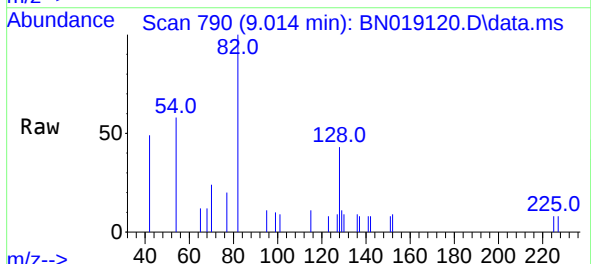
Manual Integrations  
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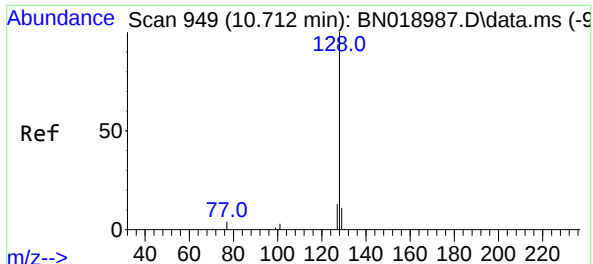
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#8  
Nitrobenzene-d5  
Concen: 0.195 ng  
RT: 9.014 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Tgt Ion: 82 Resp: 1406  
Ion Ratio Lower Upper  
82 100  
128 42.6 33.0 49.6  
54 58.0 42.5 63.7





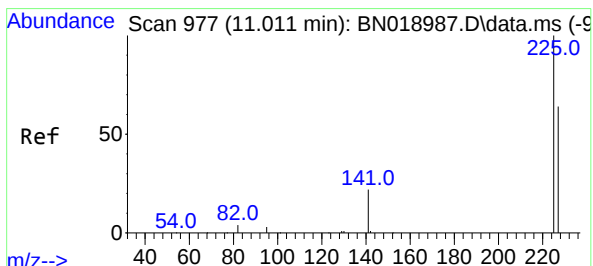
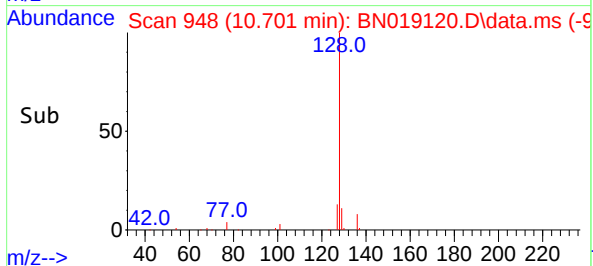
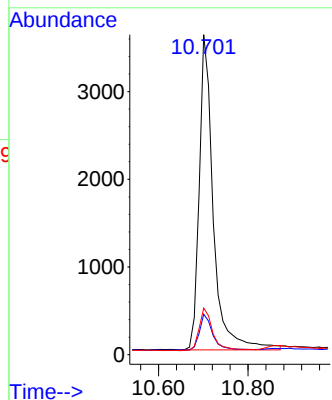
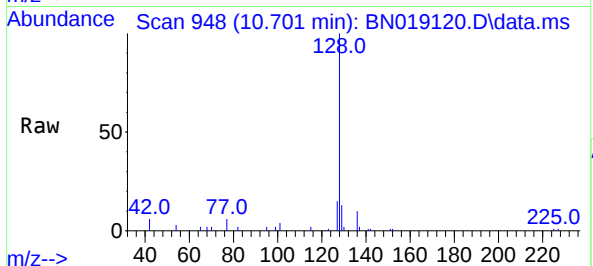
#9  
Naphthalene  
Concen: 0.278 ng  
RT: 10.701 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Instrument :  
BNA\_N  
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N2074-19MS

Tgt Ion:128 Resp: 787  
Ion Ratio Lower Upper  
128 100  
129 12.7 9.0 13.4  
127 14.6 10.7 16.1

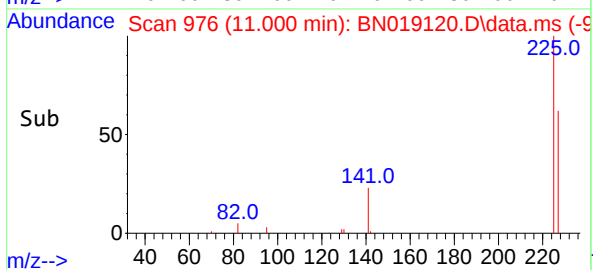
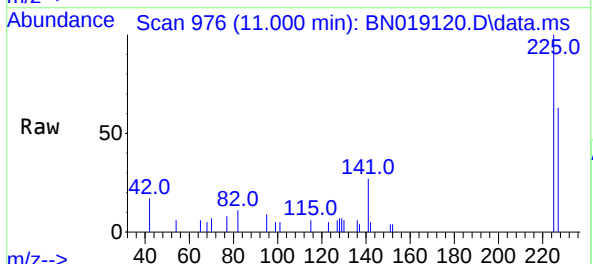
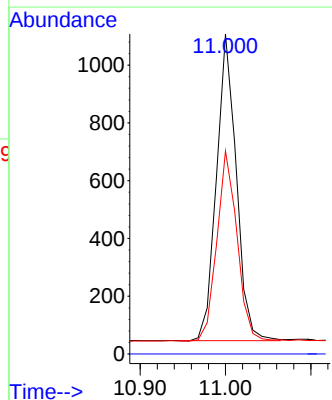
Manual Integrations  
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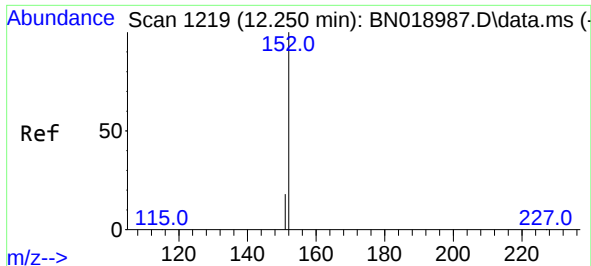
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#10  
Hexachlorobutadiene  
Concen: 0.247 ng  
RT: 11.000 min Scan# 976  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

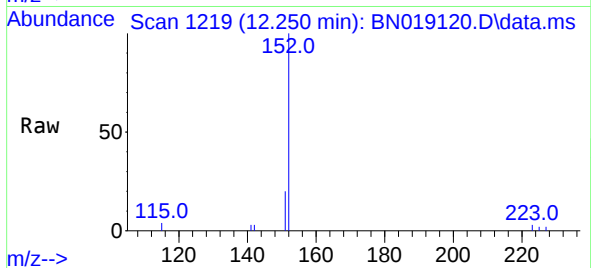
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.8 51.0 76.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.236 ng  
RT: 12.250 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

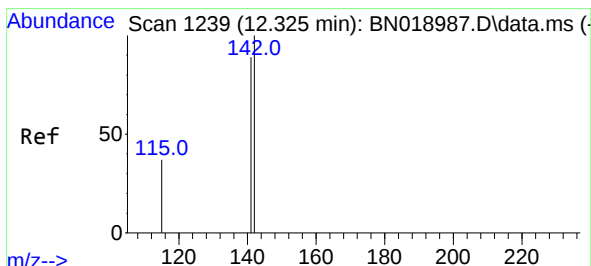
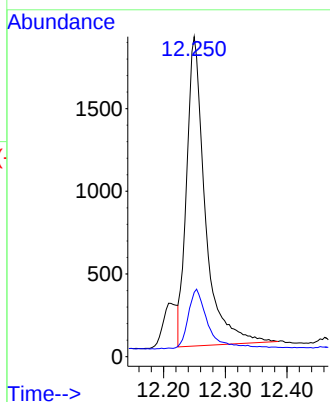
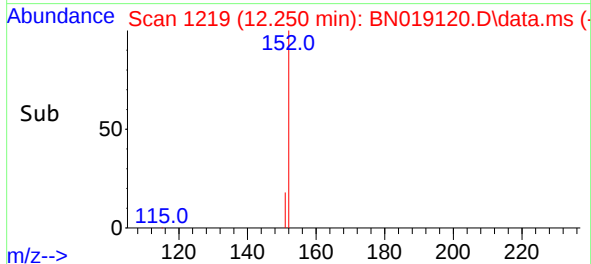
Instrument :  
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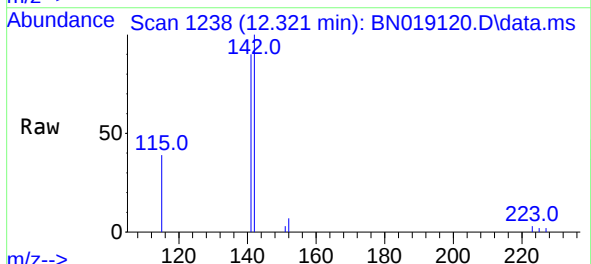
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Manual Integrations  
APPROVED

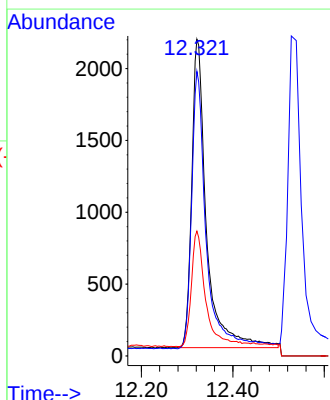
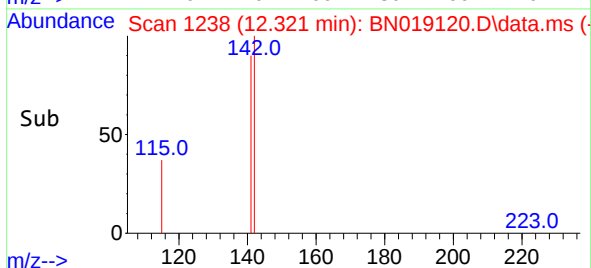
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

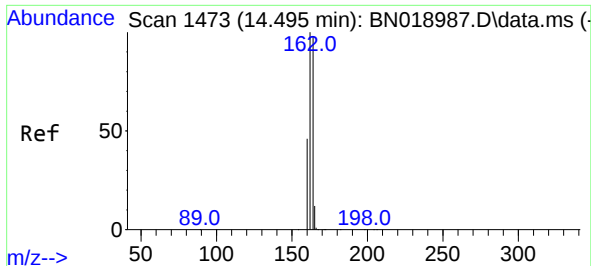


#12  
2-Methylnaphthalene  
Concen: 0.249 ng  
RT: 12.321 min Scan# 1238  
Delta R.T. -0.004 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



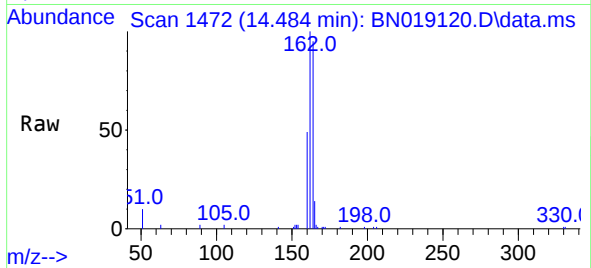
Tgt Ion:142 Resp: 4805  
Ion Ratio Lower Upper  
142 100  
141 89.8 70.0 105.0  
115 39.4 29.8 44.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1473  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

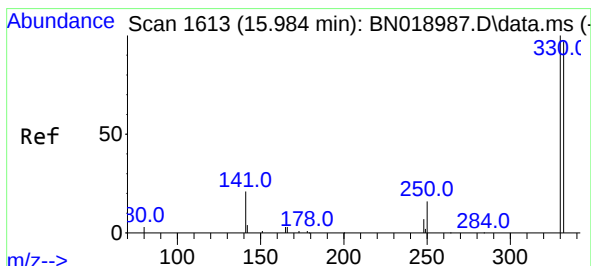
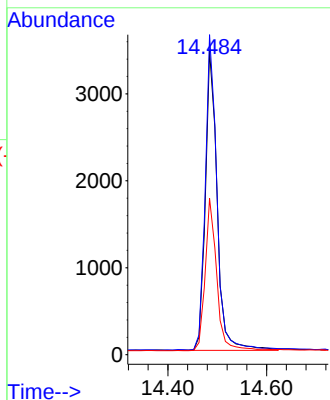
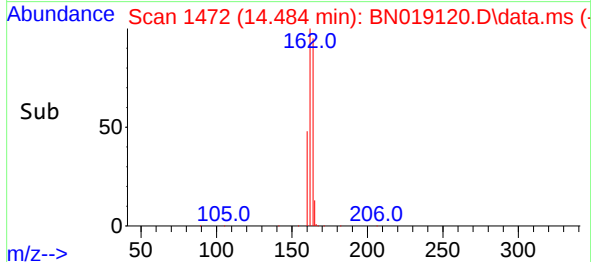
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



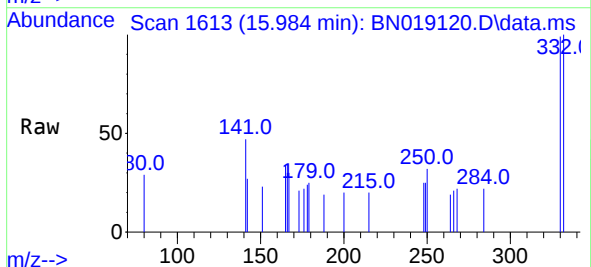
Tgt Ion:164 Resp: 571  
Ion Ratio Lower Upper  
164 100  
162 105.4 85.2 127.8  
160 51.5 41.5 62.3

Manual Integrations  
APPROVED

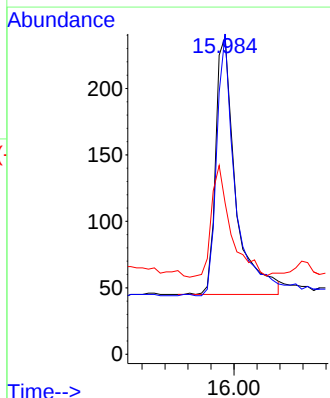
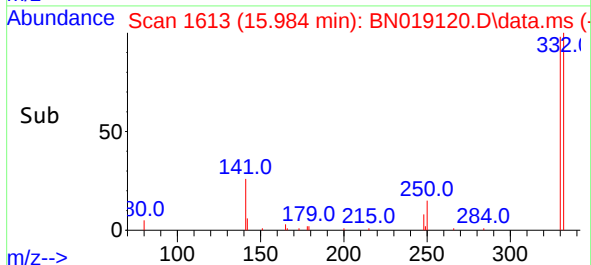
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

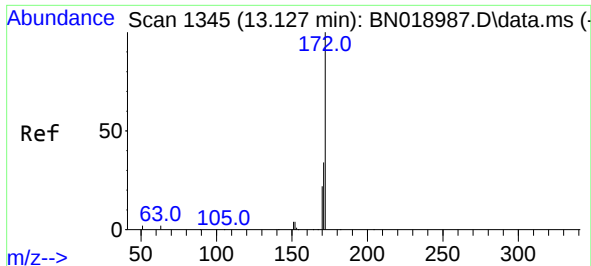


#14  
2,4,6-Tribromophenol  
Concen: 0.169 ng  
RT: 15.984 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



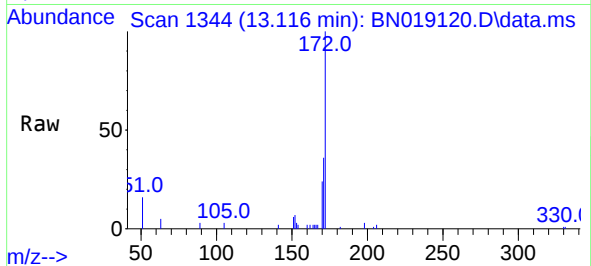
Tgt Ion:330 Resp: 465  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.8 115.2  
141 42.2 32.2 48.2





#15  
2-Fluorobiphenyl  
Concen: 0.251 ng  
RT: 13.116 min Scan# 1345  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

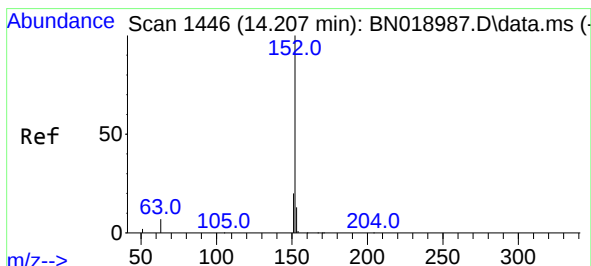
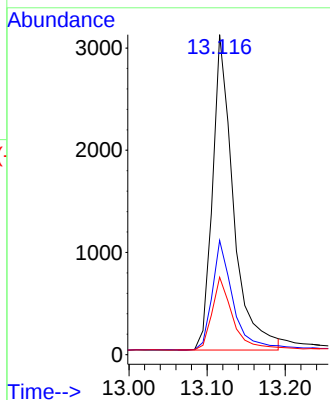
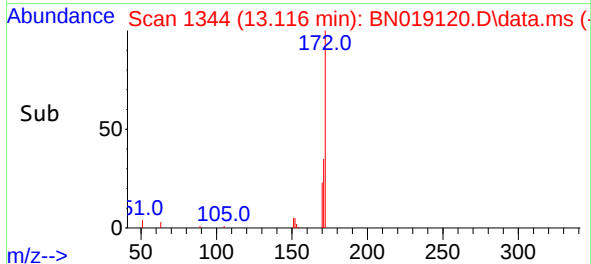
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



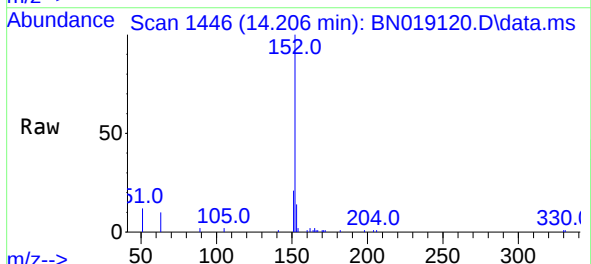
Tgt Ion:172 Resp: 5749  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.2 42.2  
170 24.2 18.7 28.1

Manual Integrations  
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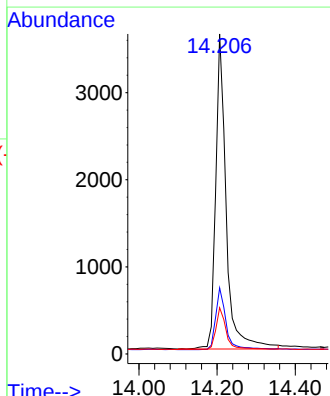
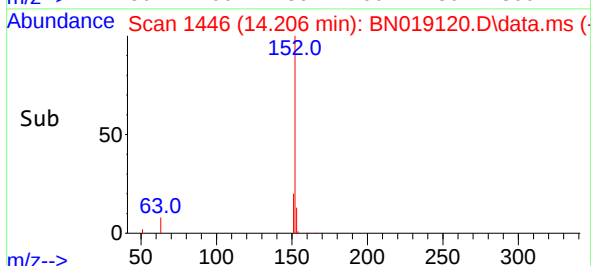
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

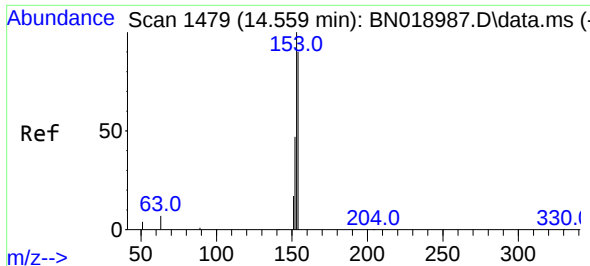


#16  
Acenaphthylene  
Concen: 0.254 ng  
RT: 14.206 min Scan# 1446  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



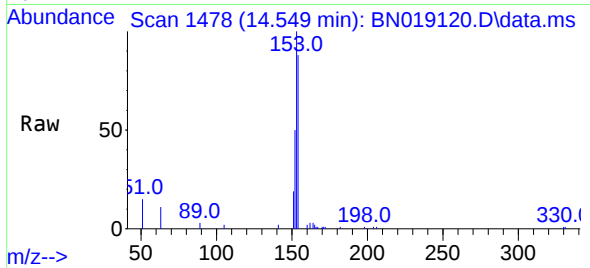
Tgt Ion:152 Resp: 6726  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.9 23.9  
153 13.1 10.6 15.8





#17  
Acenaphthene  
Concen: 0.260 ng  
RT: 14.549 min Scan# 1479  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

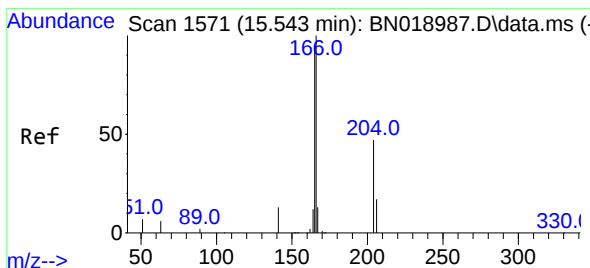
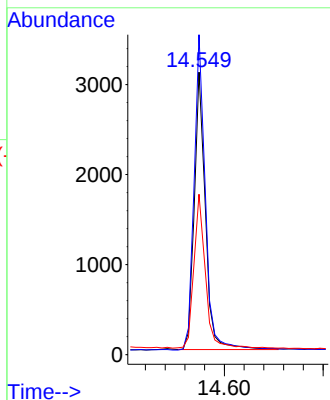
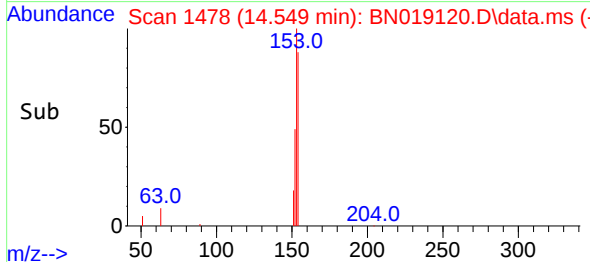
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



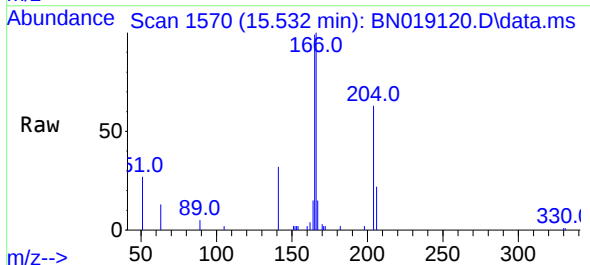
Tgt Ion:154 Resp: 484  
Ion Ratio Lower Upper  
154 100  
153 115.2 89.7 134.5  
152 56.8 44.7 67.1

Manual Integrations  
APPROVED

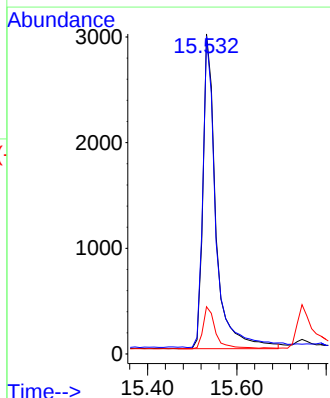
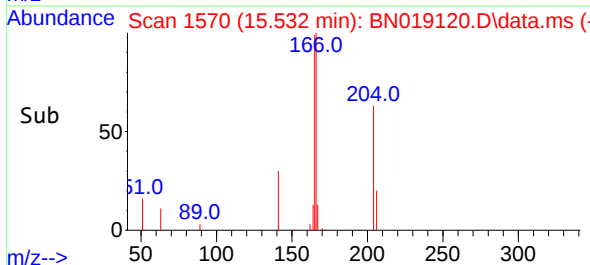
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

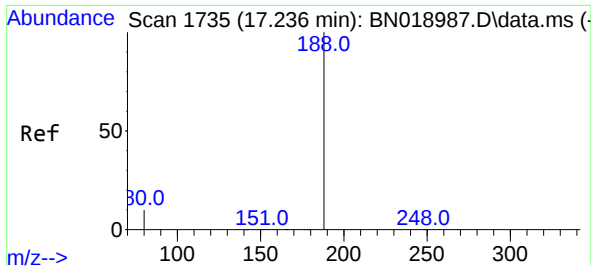


#18  
Fluorene  
Concen: 0.256 ng  
RT: 15.532 min Scan# 1570  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



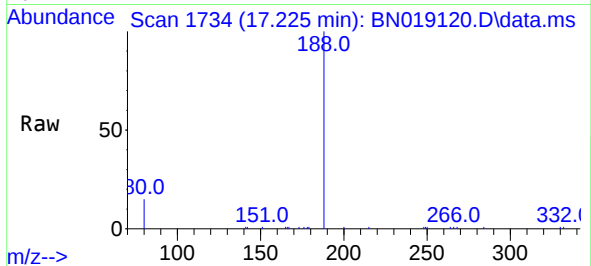
Tgt Ion:166 Resp: 6000  
Ion Ratio Lower Upper  
166 100  
165 98.0 79.2 118.8  
167 13.1 10.7 16.1





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.225 min Scan# 11529  
Delta R.T. -0.011 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

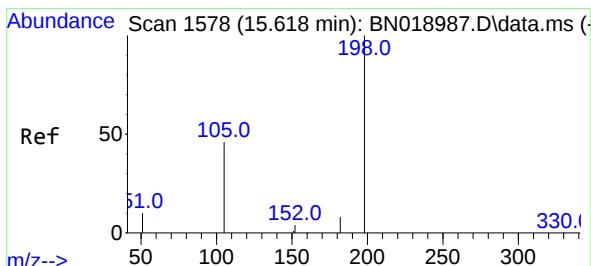
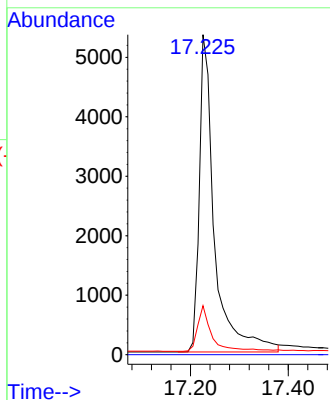
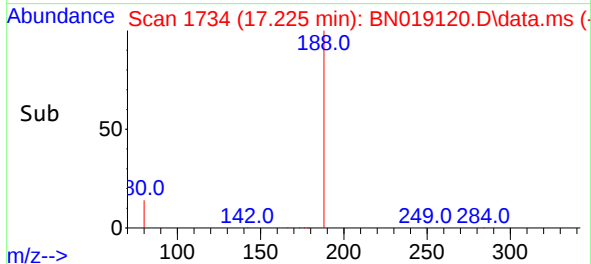
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



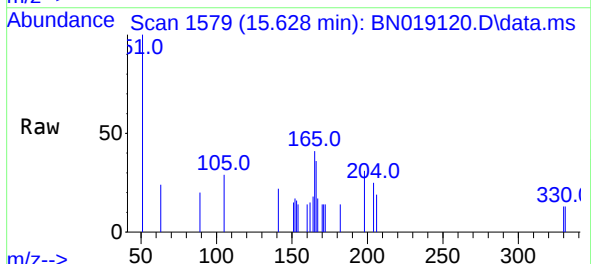
Tgt Ion:188 Resp: 11529  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.3 11.8 17.8

Manual Integrations  
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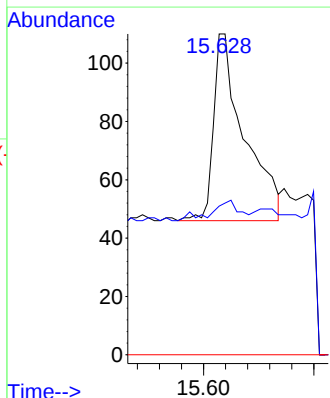
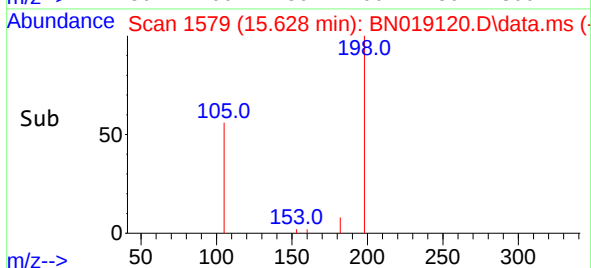
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

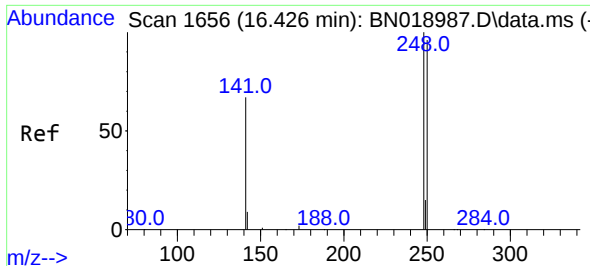


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.224 ng  
RT: 15.628 min Scan# 1579  
Delta R.T. 0.010 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



Tgt Ion:198 Resp: 248  
Ion Ratio Lower Upper  
198 100  
182 46.4 13.0 19.4#  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.251 ng  
RT: 16.425 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Instrument :

BNA\_N

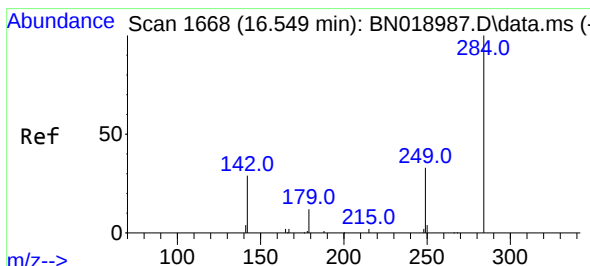
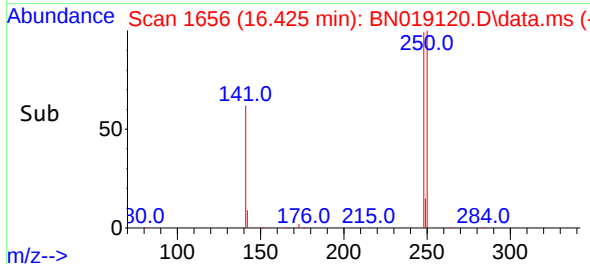
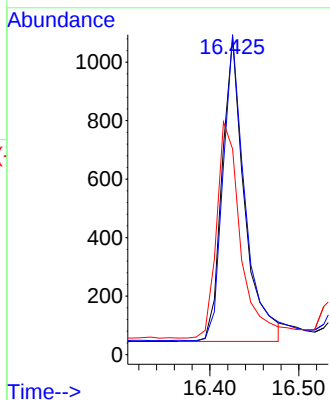
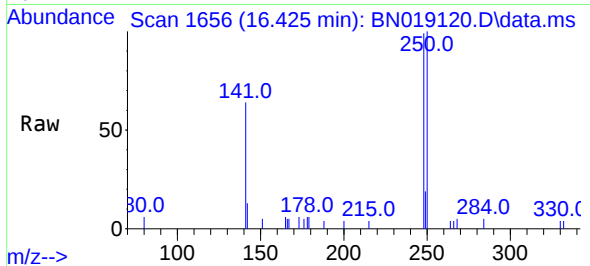
ClientSampleId :

N2074-19MS

Tgt Ion:248 Resp: 182  
Ion Ratio Lower Upper  
248 100  
250 100.9 80.7 121.1  
141 64.9 39.6 59.4

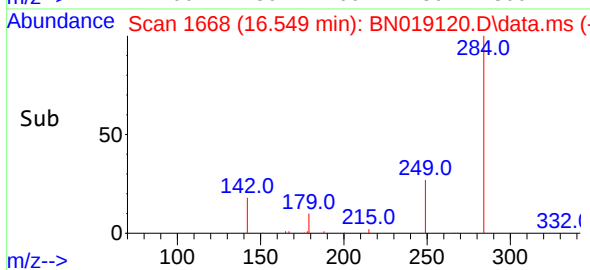
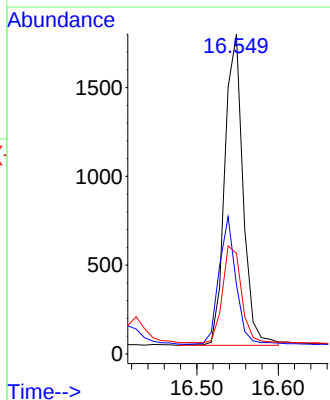
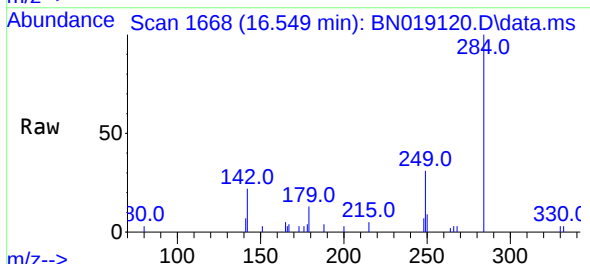
Manual Integrations  
APPROVED

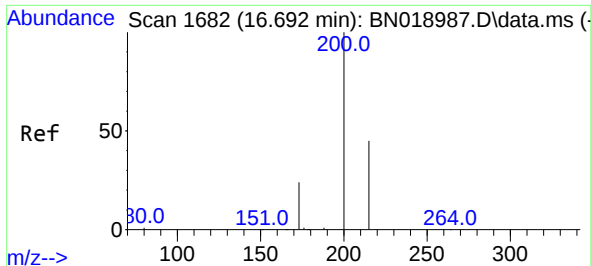
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#22  
Hexachlorobenzene  
Concen: 0.291 ng  
RT: 16.549 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Tgt Ion:284 Resp: 2730  
Ion Ratio Lower Upper  
284 100  
142 37.9 29.8 44.8  
249 31.9 26.2 39.2





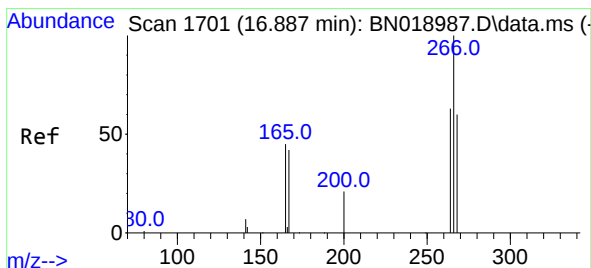
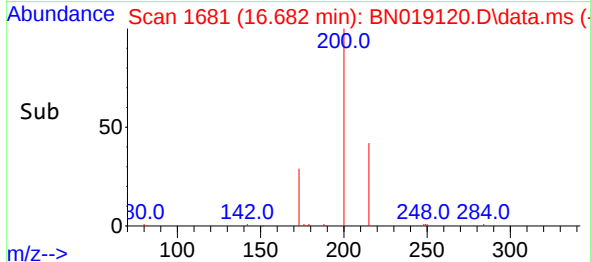
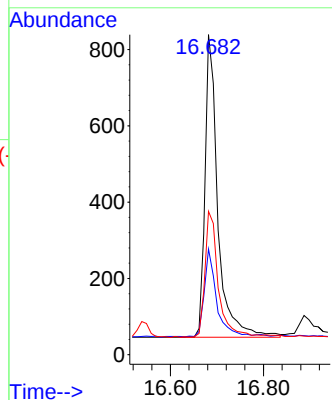
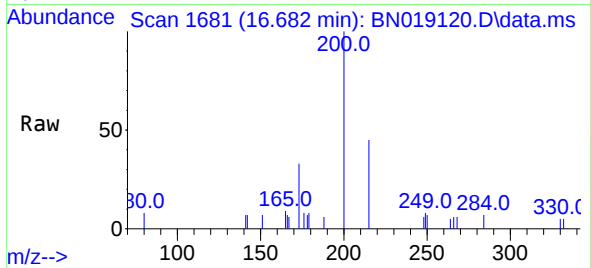
#23  
Atrazine  
Concen: 0.279 ng  
RT: 16.682 min Scan# 1681  
Delta R.T. -0.010 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS

Tgt Ion:200 Resp: 151  
Ion Ratio Lower Upper  
200 100  
173 33.0 23.9 35.9  
215 44.8 36.6 54.8

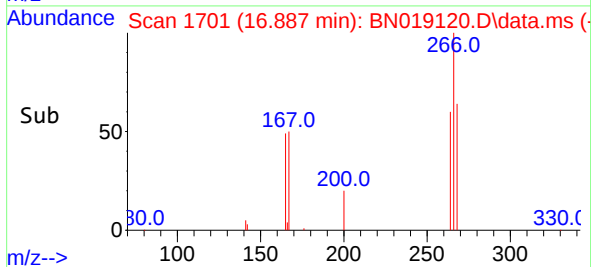
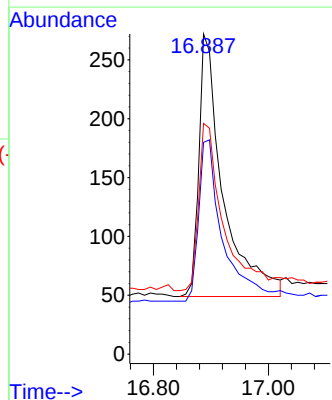
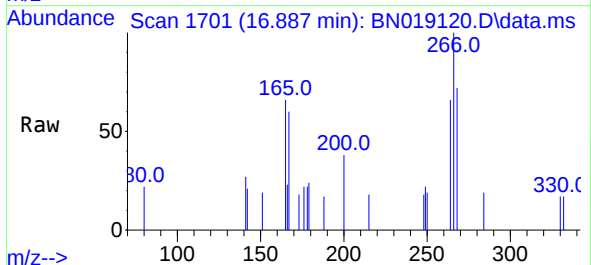
Manual Integrations  
APPROVED

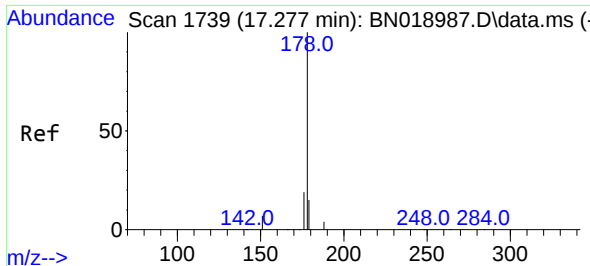
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#24  
Pentachlorophenol  
Concen: 0.226 ng  
RT: 16.887 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

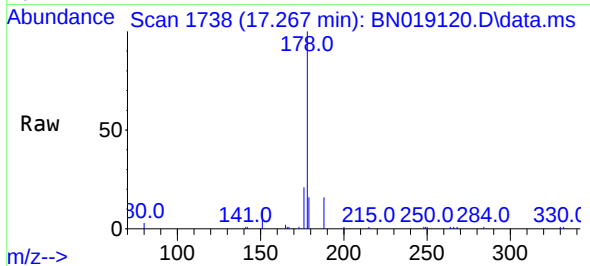
Tgt Ion:266 Resp: 651  
Ion Ratio Lower Upper  
266 100  
264 62.8 50.2 75.4  
268 65.3 51.9 77.9





#25  
Phenanthrene  
Concen: 0.280 ng  
RT: 17.267 min Scan# 1738  
Delta R.T. -0.010 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

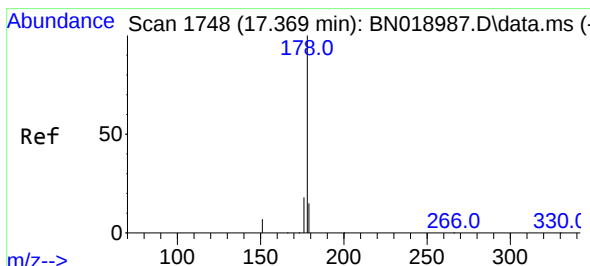
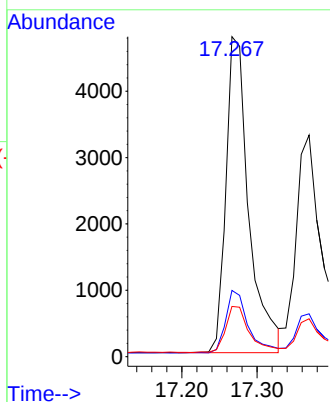
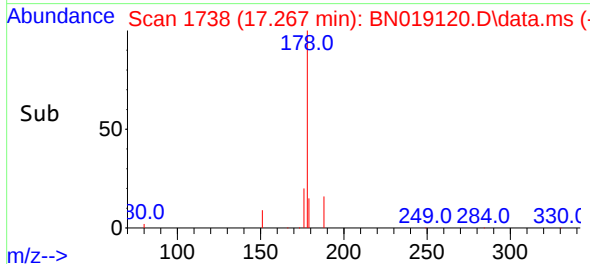
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



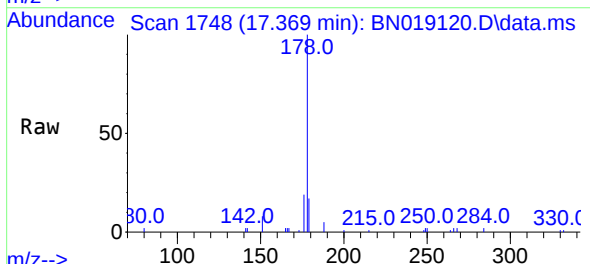
Tgt Ion:178 Resp: 10100  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.2 12.2 18.2

Manual Integrations  
APPROVED

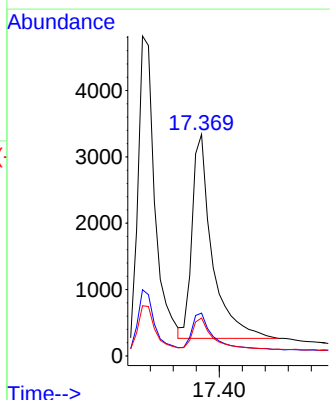
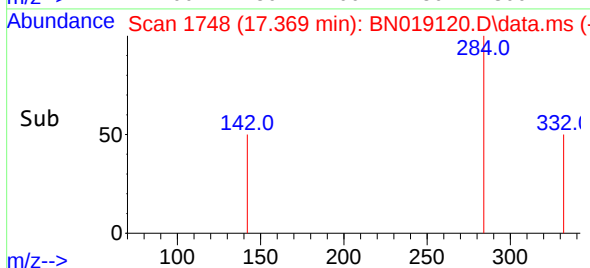
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

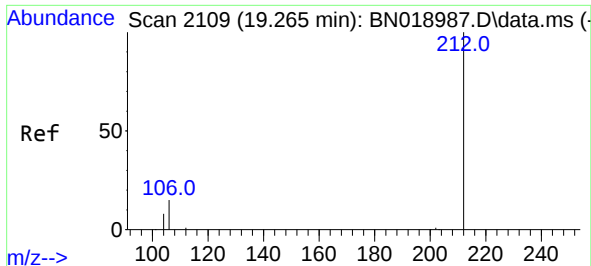


#26  
Anthracene  
Concen: 0.245 ng  
RT: 17.369 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



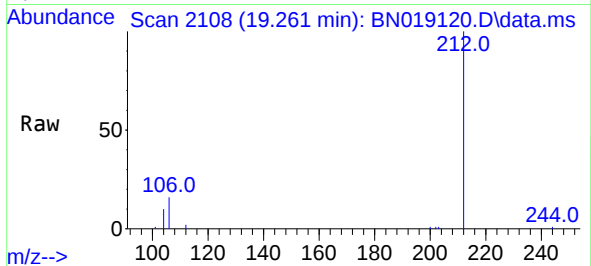
Tgt Ion:178 Resp: 7461  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.8 22.2  
179 15.6 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.345 ng  
RT: 19.261 min Scan# 2108  
Delta R.T. -0.004 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

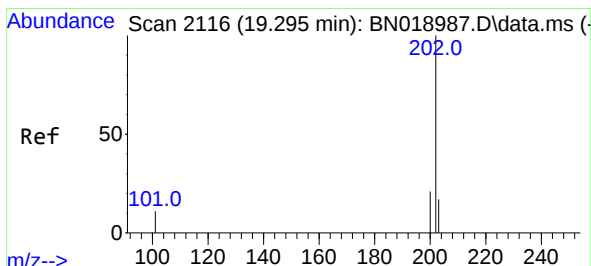
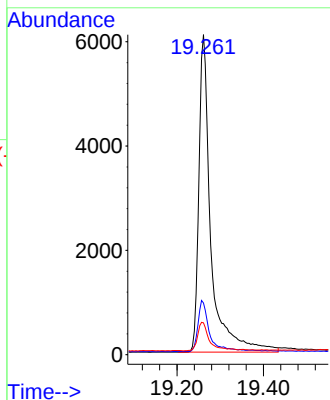
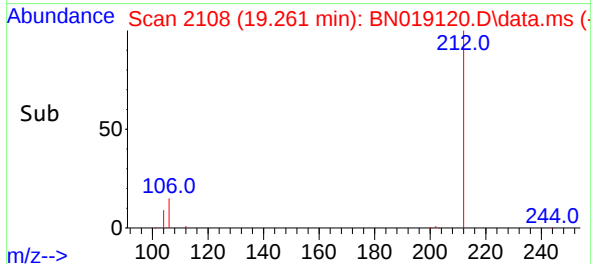
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



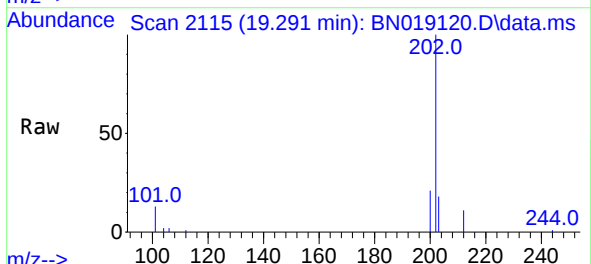
Tgt Ion:212 Resp: 11798  
Ion Ratio Lower Upper  
212 100  
106 15.2 12.7 19.1  
104 8.7 7.1 10.7

Manual Integrations  
APPROVED

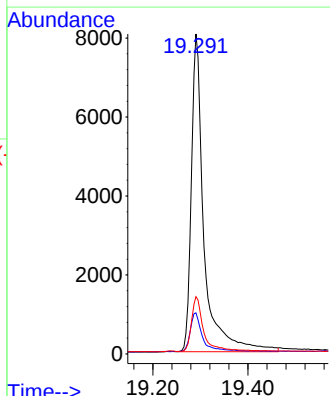
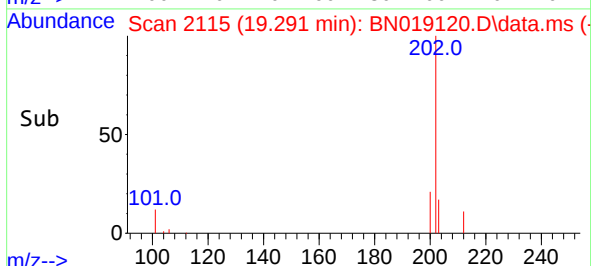
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

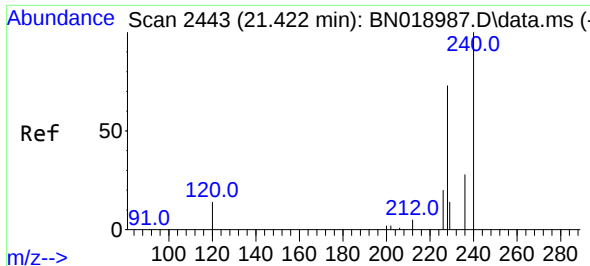


#28  
Fluoranthene  
Concen: 0.352 ng  
RT: 19.291 min Scan# 2115  
Delta R.T. -0.004 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



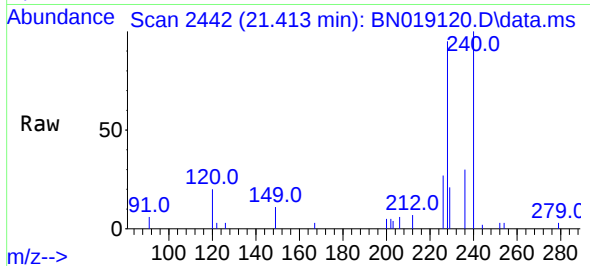
Tgt Ion:202 Resp: 14872  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.8 14.6  
203 16.6 13.7 20.5





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.413 min Scan# 2443  
Delta R.T. -0.009 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

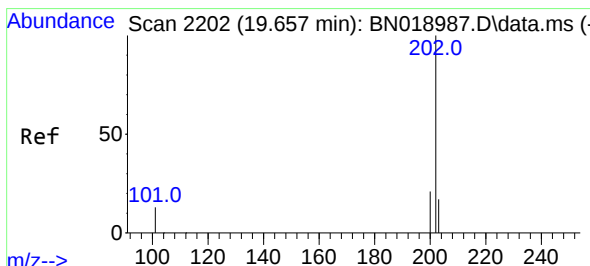
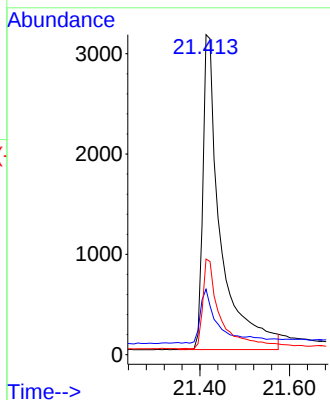
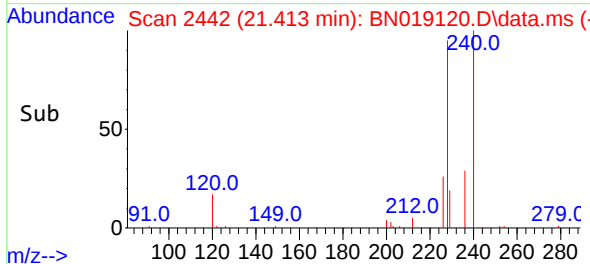
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



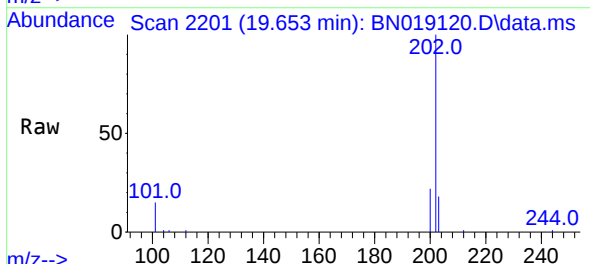
Tgt Ion:240 Resp: 866  
Ion Ratio Lower Upper  
240 100  
120 20.4 8.5 12.7  
236 29.9 22.4 33.6

Manual Integrations  
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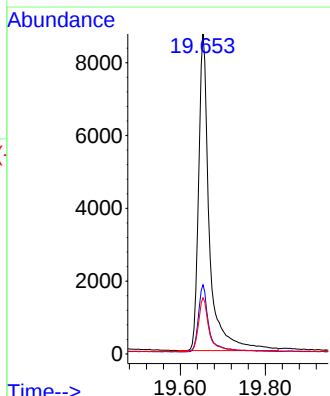
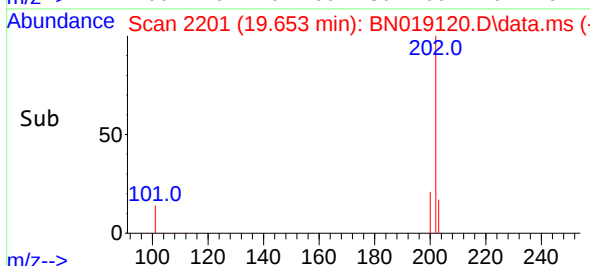
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022

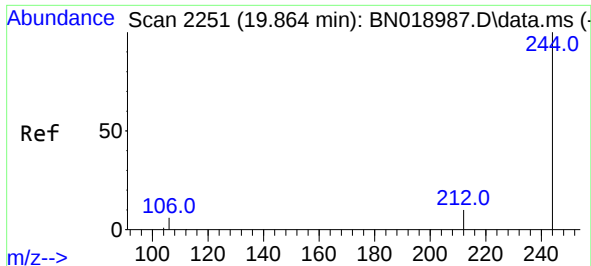


#30  
Pyrene  
Concen: 0.358 ng  
RT: 19.653 min Scan# 2201  
Delta R.T. -0.004 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



Tgt Ion:202 Resp: 15449  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.9 25.3  
203 17.0 14.2 21.2





#31  
 Terphenyl-d14  
 Concen: 0.354 ng  
 RT: 19.860 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN019120.D  
 Acq: 24 Mar 2022 10:31

Instrument :

BNA\_N

ClientSampleId :

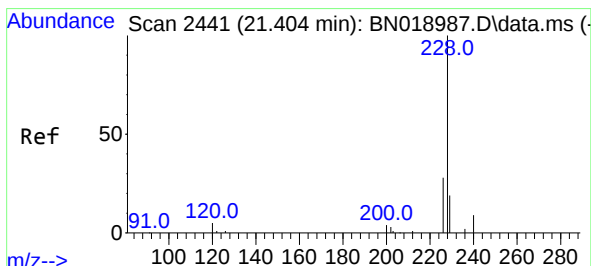
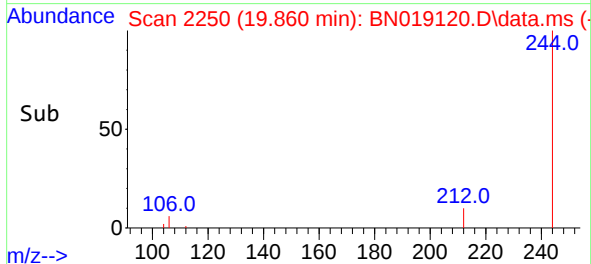
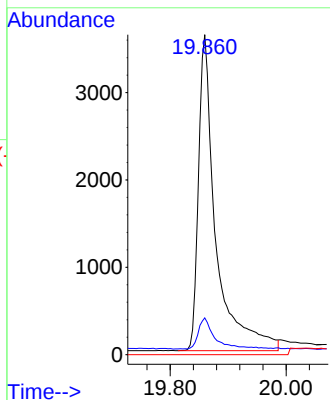
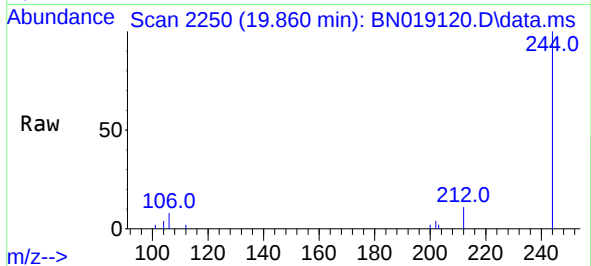
N2074-19MS

Tgt Ion:244 Resp: 7538  
 Ion Ratio Lower Upper  
 244 100  
 212 11.5 8.2 12.4  
 122 0.0 0.0 0.0

Manual Integrations

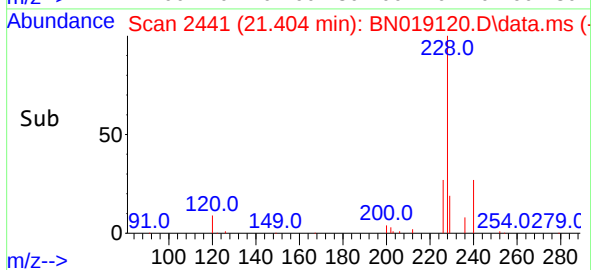
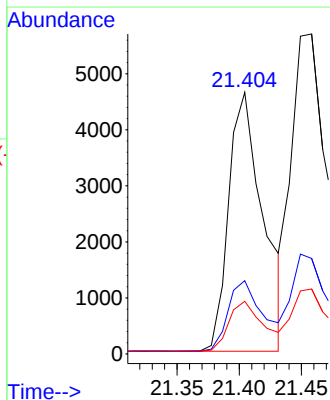
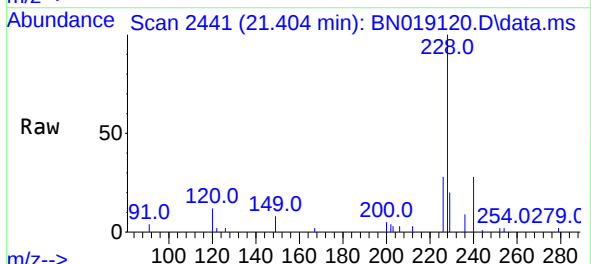
APPROVED

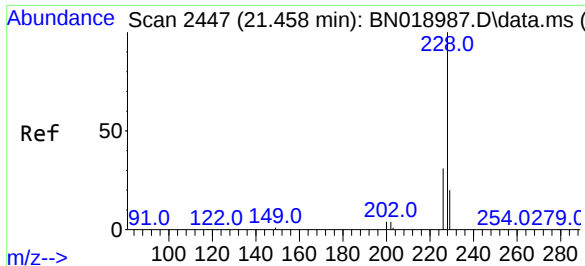
Reviewed By :Christian Giraldo 03/24/2022  
 Supervised By :Jagrut Upadhyay 03/24/2022



#32  
 Benzo(a)anthracene  
 Concen: 0.334 ng  
 RT: 21.404 min Scan# 2441  
 Delta R.T. 0.000 min  
 Lab File: BN019120.D  
 Acq: 24 Mar 2022 10:31

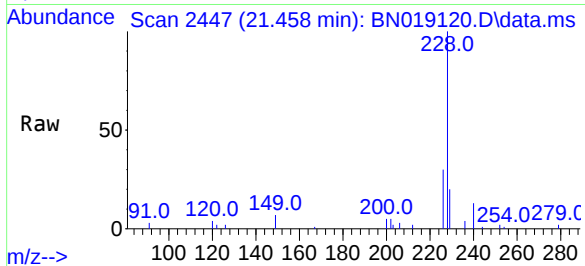
Tgt Ion:228 Resp: 8918  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 21.9 32.9  
 229 20.1 16.0 24.0





#33  
Chrysene  
Concen: 0.369 ng  
RT: 21.458 min Scan# 2447  
Delta R.T. 0.000 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

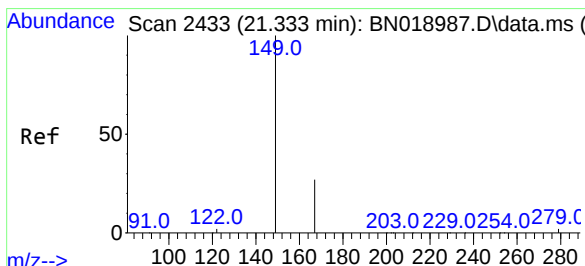
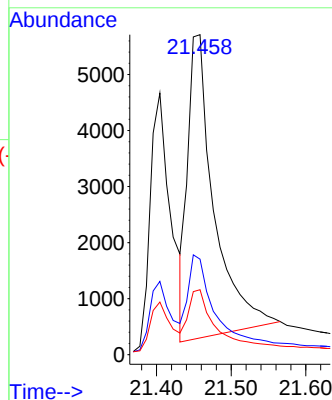
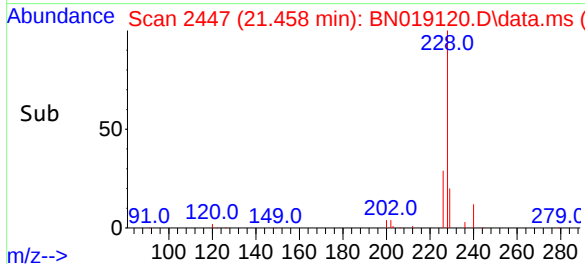
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



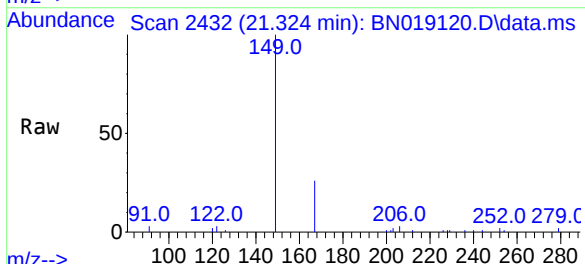
Tgt Ion: 228 Resp: 13304  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.0 36.0  
229 20.3 15.9 23.9

Manual Integrations  
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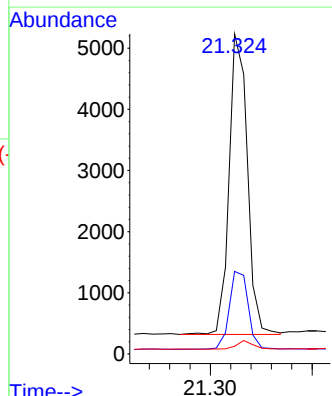
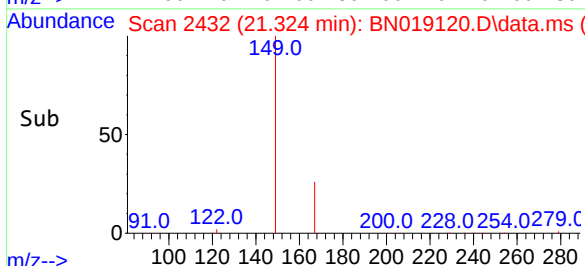
Reviewed By : Christian Giraldo 03/24/2022  
Supervised By : Jagrut Upadhyay 03/24/2022

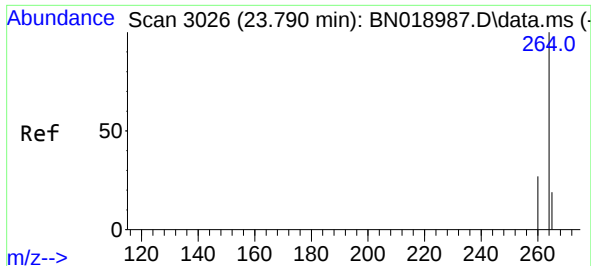


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.345 ng  
RT: 21.324 min Scan# 2432  
Delta R.T. -0.009 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31



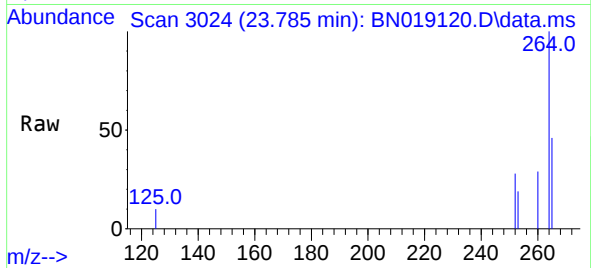
Tgt Ion: 149 Resp: 6113  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.8 32.8  
279 2.7 2.0 3.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.785 min Scan# 3026  
Delta R.T. -0.006 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

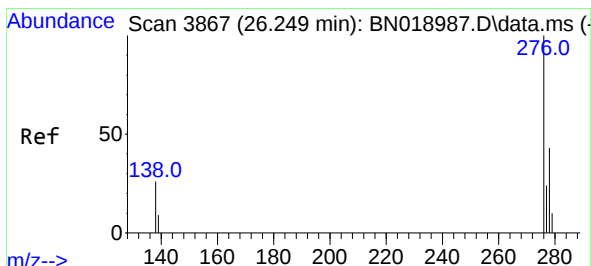
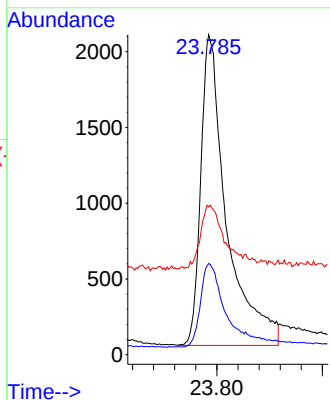
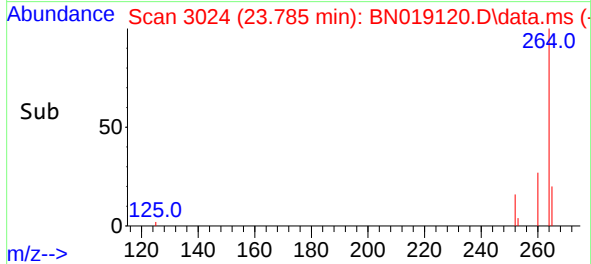
Instrument :  
BNA\_N  
ClientSampleId :  
N2074-19MS



Tgt Ion:264 Resp: 6928  
Ion Ratio Lower Upper  
264 100  
260 28.5 22.4 33.6  
265 46.2 25.3 37.9

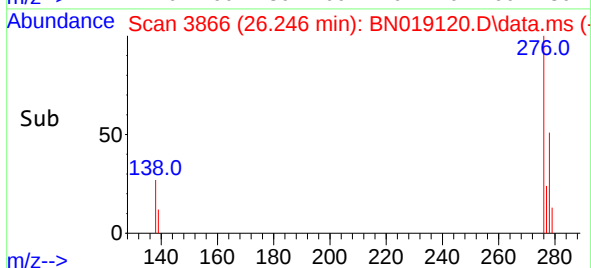
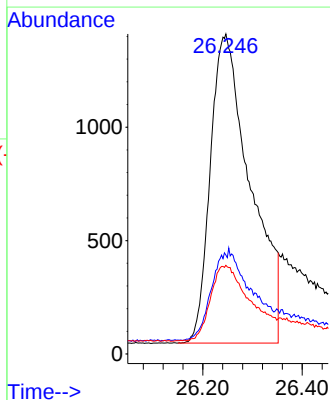
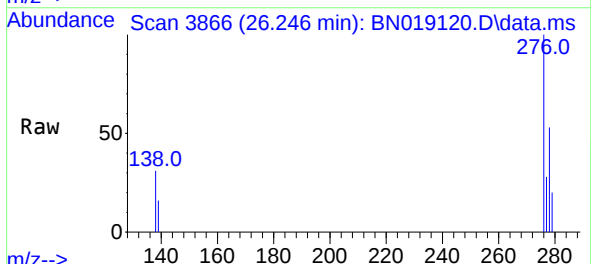
Manual Integrations  
APPROVED

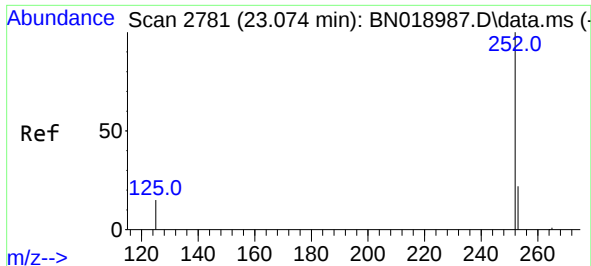
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.307 ng  
RT: 26.246 min Scan# 3866  
Delta R.T. -0.003 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Tgt Ion:276 Resp: 7672  
Ion Ratio Lower Upper  
276 100  
138 29.1 24.5 36.7  
277 8.6 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.375 ng

RT: 23.065 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN019120.D

Acq: 24 Mar 2022 10:31

Instrument :

BNA\_N

ClientSampleId :

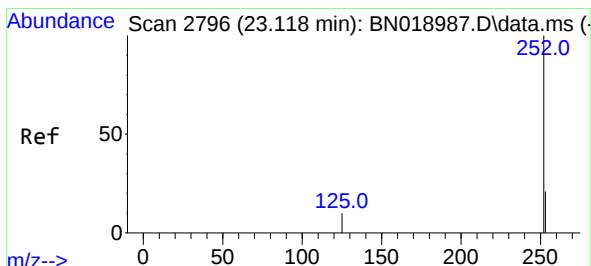
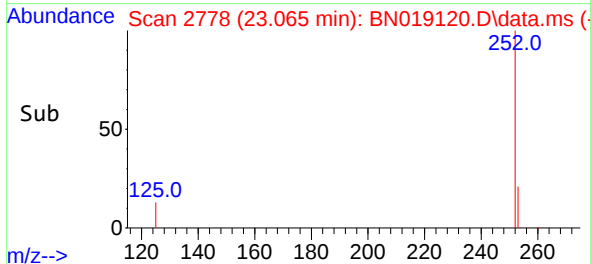
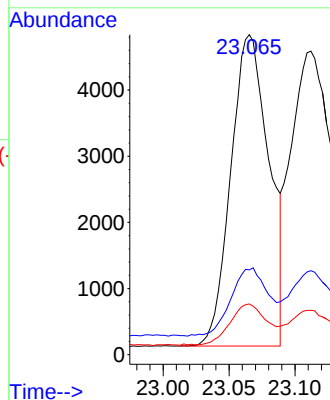
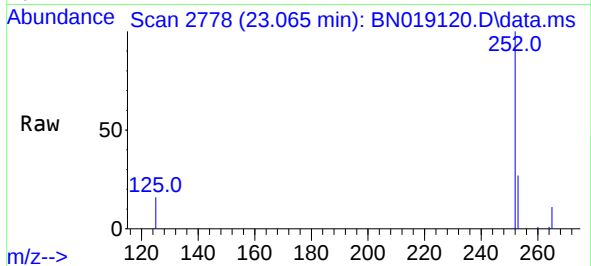
N2074-19MS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 9474 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 26.5  | 18.9  | 28.3 |
| 125       | 15.9  | 12.1  | 18.1 |

Manual Integrations

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Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#38

Benzo(k)fluoranthene

Concen: 0.380 ng m

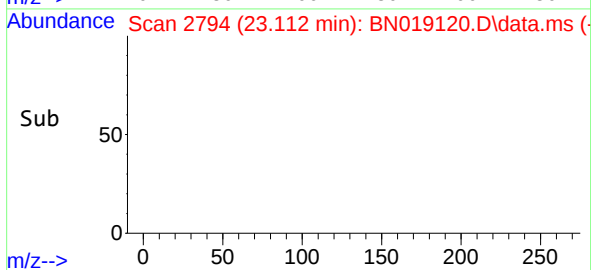
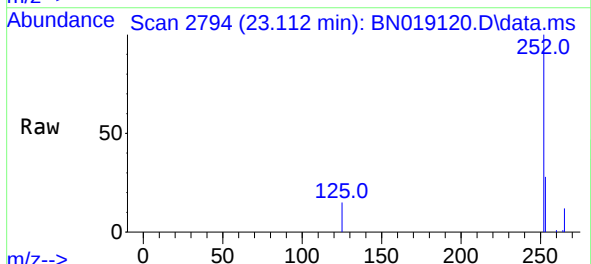
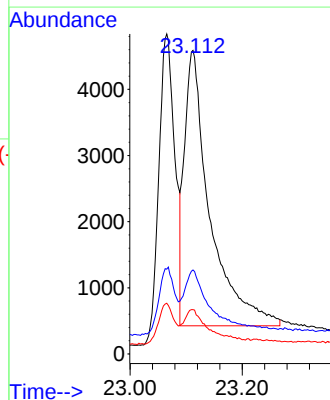
RT: 23.112 min Scan# 2794

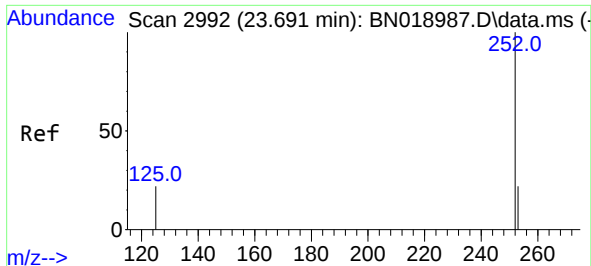
Delta R.T. -0.006 min

Lab File: BN019120.D

Acq: 24 Mar 2022 10:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 13151 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 27.7  | 18.9  | 28.3  |
| 125       | 14.6  | 10.3  | 15.5  |





#39  
Benzo(a)pyrene  
Concen: 0.395 ng  
RT: 23.685 min Scan# 2990  
Delta R.T. -0.006 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Instrument :

BNA\_N

ClientSampleId :

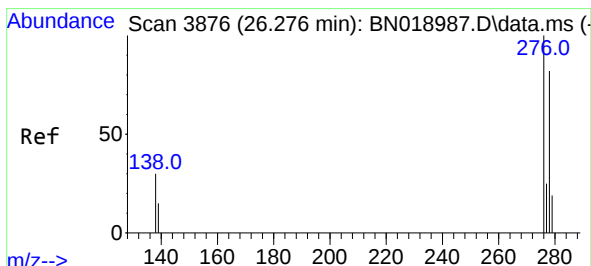
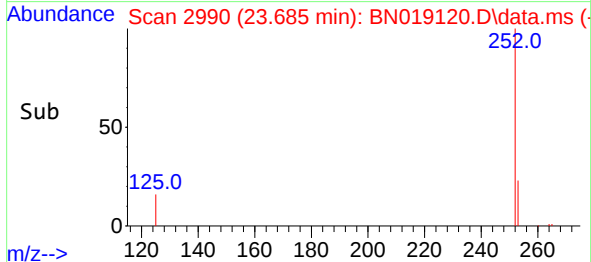
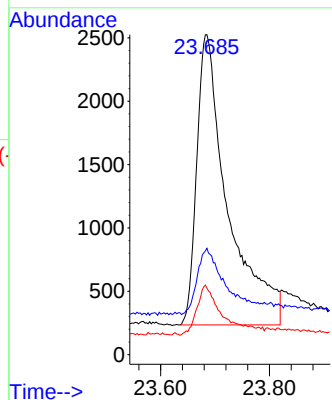
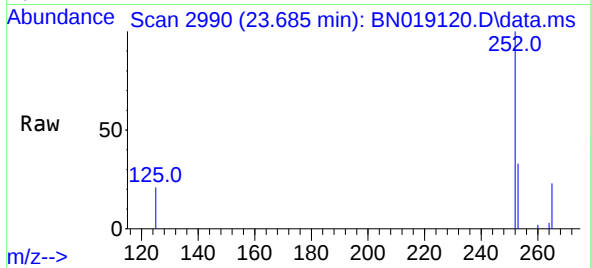
N2074-19MS

Tgt Ion:252 Resp: 9090  
Ion Ratio Lower Upper  
252 100  
253 33.2 20.1 30.1  
125 20.8 15.2 22.8

Manual Integrations

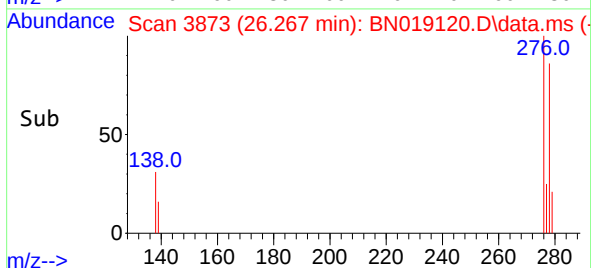
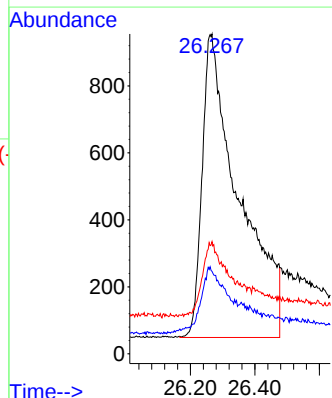
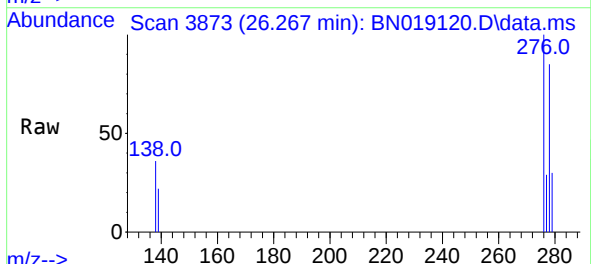
APPROVED

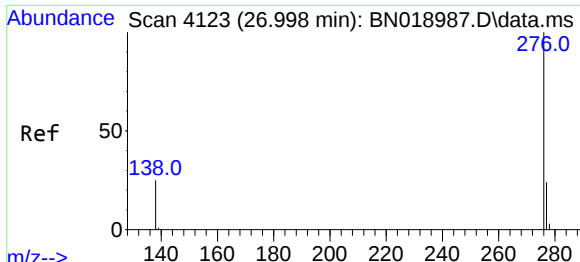
Reviewed By :Christian Giraldo 03/24/2022  
Supervised By :Jagrut Upadhyay 03/24/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.368 ng m  
RT: 26.267 min Scan# 3873  
Delta R.T. -0.009 min  
Lab File: BN019120.D  
Acq: 24 Mar 2022 10:31

Tgt Ion:278 Resp: 7171  
Ion Ratio Lower Upper  
278 100  
139 25.8 17.2 25.8  
279 35.1 19.9 29.9





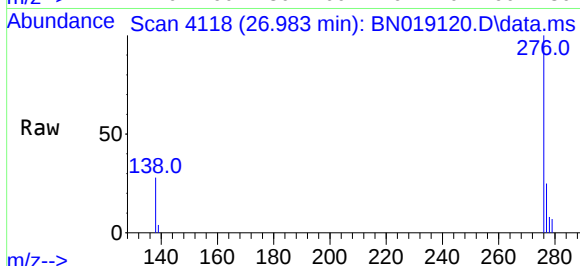
#41  
 Benzo(g,h,i)perylene  
 Concen: 0.383 ng  
 RT: 26.983 min Scan# 41  
 Delta R.T. -0.015 min  
 Lab File: BN019120.D  
 Acq: 24 Mar 2022 10:31

Instrument :

BNA\_N

ClientSampleId :

N2074-19MS



Tgt Ion: 276 Resp: 9398  
 Ion Ratio Lower Upper  
 276 100  
 277 25.5 19.4 29.0  
 138 28.1 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/24/2022  
 Supervised By :Jagrut Upadhyay 03/24/2022

