

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030823\  
 Data File : BN024148.D  
 Acq On : 07 Mar 2023 16:53  
 Operator : CG/JU  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 03/08/2023  
 Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 02:19:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 08 02:17:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 7941     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.883 | 136  | 22360    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.688 | 164  | 11129    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.439 | 188  | 22595    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.634 | 240  | 15477    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.147 | 264  | 11997    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.594  | 112  | 3150     | 0.190 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.205  | 99   | 4134     | 0.191 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 1875     | 0.183 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.458 | 152  | 5338     | 0.150 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.173 | 330  | 760      | 0.165 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.319 | 172  | 8545     | 0.194 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.465 | 212  | 8236     | 0.180 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 5361     | 0.196 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.449  | 88   | 1579     | 0.199 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.774  | 42   | 2106     | 0.193 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.472  | 93   | 4260     | 0.197 | ng    | 100      |
| 9) Naphthalene                | 10.925 | 128  | 10919    | 0.194 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.224 | 225  | 2210     | 0.198 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.503 | 142  | 76       | 0.278 | ng    | # 91     |
| 16) Acenaphthylene            | 14.410 | 152  | 9006     | 0.180 | ng    | 99       |
| 17) Acenaphthene              | 14.752 | 154  | 6001     | 0.185 | ng    | 99       |
| 18) Fluorene                  | 15.739 | 166  | 7059     | 0.181 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198  | 284      | 0.246 | ng    | # 67     |
| 21) 4-Bromophenyl-phenylether | 16.633 | 248  | 2261     | 0.186 | ng    | 99       |
| 22) Hexachlorobenzene         | 16.744 | 284  | 3400     | 0.193 | ng    | 98       |
| 23) Atrazine                  | 16.881 | 200  | 1082     | 0.225 | ng    | # 90     |
| 24) Pentachlorophenol         | 17.079 | 266  | 864      | 0.254 | ng    | 98       |
| 25) Phenanthrene              | 17.477 | 178  | 12520    | 0.187 | ng    | 99       |
| 26) Anthracene                | 17.563 | 178  | 10199    | 0.174 | ng    | 99       |
| 28) Fluoranthene              | 19.494 | 202  | 12658    | 0.178 | ng    | 100      |
| 30) Pyrene                    | 19.857 | 202  | 12813    | 0.191 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.616 | 228  | 8990     | 0.188 | ng    | 98       |
| 33) Chrysene                  | 21.679 | 228  | 10491    | 0.193 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.545 | 149  | 3559     | 0.188 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.767 | 276  | 6516     | 0.169 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.378 | 252  | 7875m    | 0.179 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.428 | 252  | 8314     | 0.174 | ng    | 95       |
| 39) Benzo(a)pyrene            | 24.033 | 252  | 6924     | 0.170 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 26.793 | 278  | 4600     | 0.162 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 27.576 | 276  | 6594     | 0.180 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

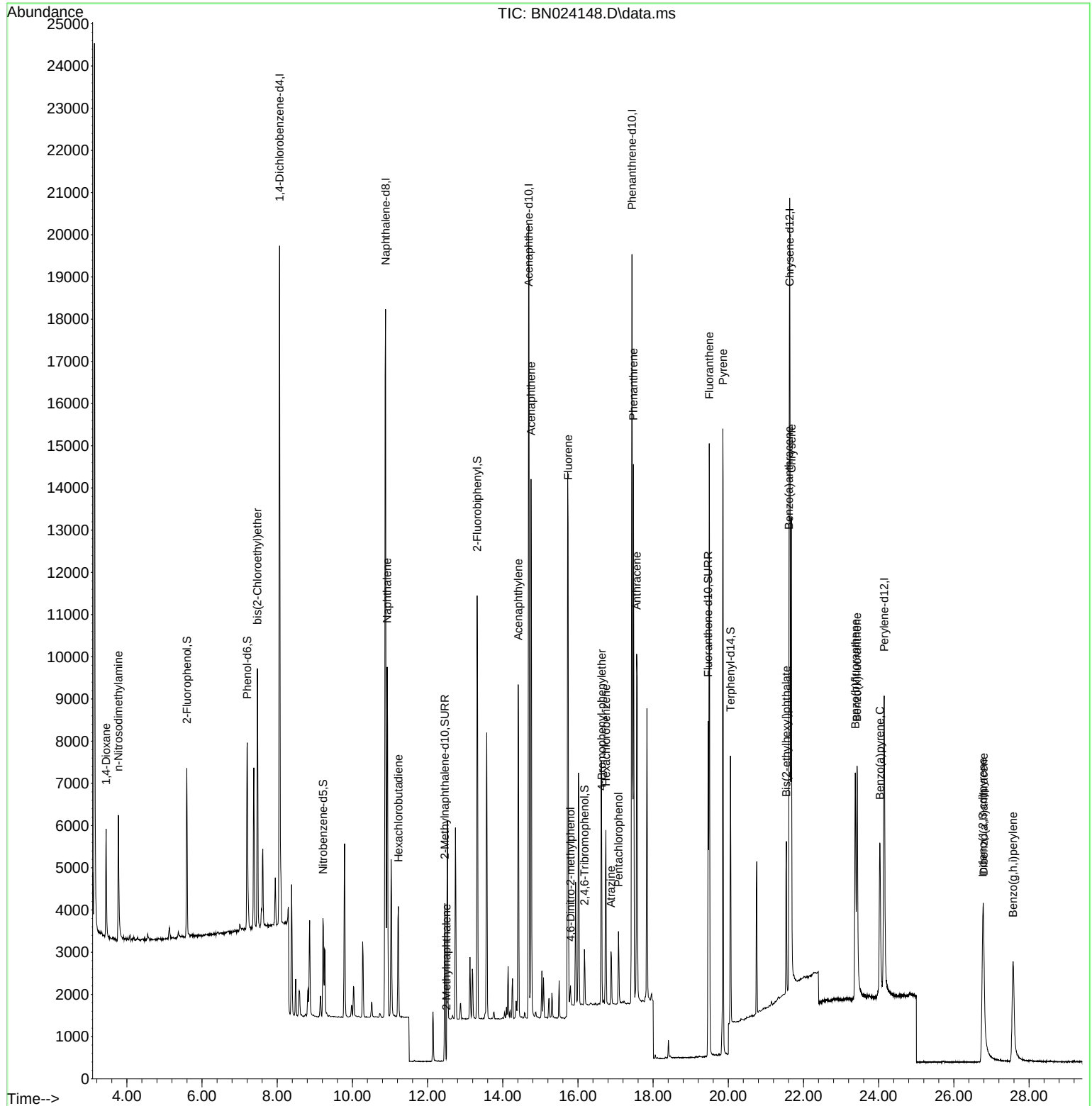
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030823\  
Data File : BN024148.D  
Acq On : 07 Mar 2023 16:53  
Operator : CG/JU  
Sample : SSTDICC0.2  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

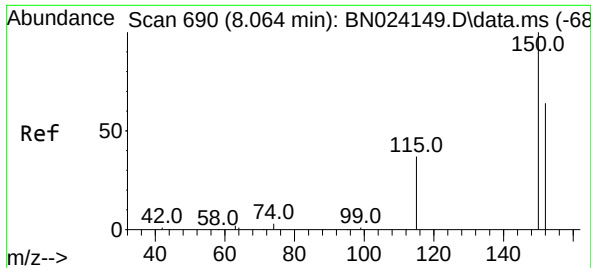
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

Quant Time: Mar 08 02:19:57 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN030823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 08 02:17:11 2023  
Response via : Initial Calibration

Manual Integrations  
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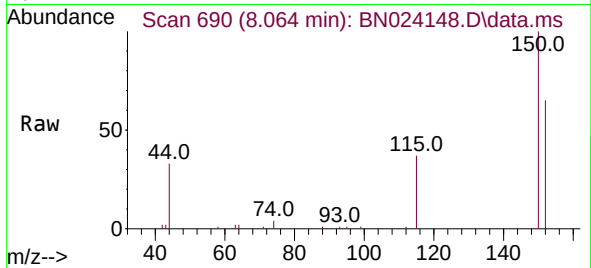
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.064 min Scan# 690  
 Delta R.T. -0.000 min  
 Lab File: BN024148.D  
 Acq: 07 Mar 2023 16:53

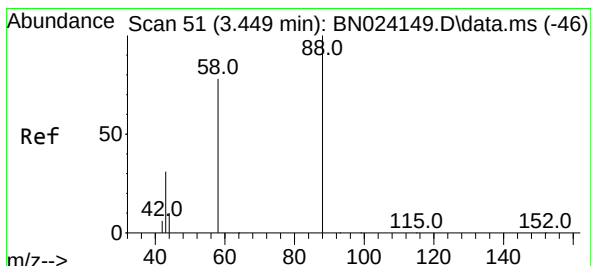
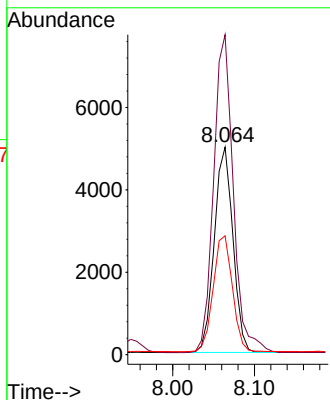
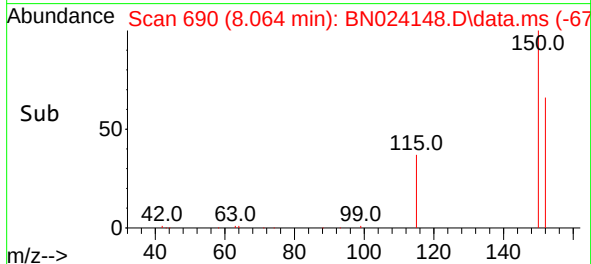
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2



Tgt Ion: 152 Resp: 794  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 123.8 185.6  
 115 57.3 46.4 69.6

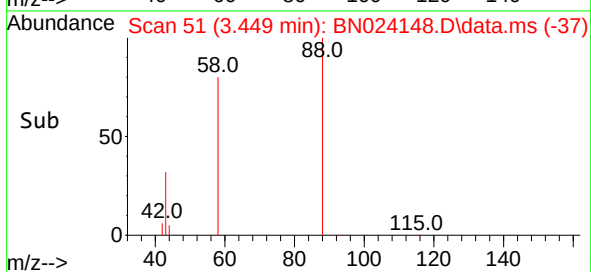
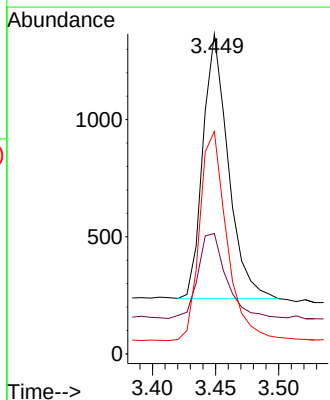
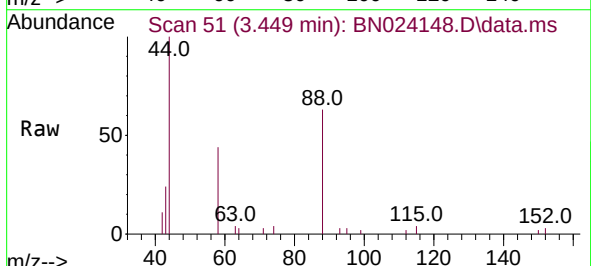
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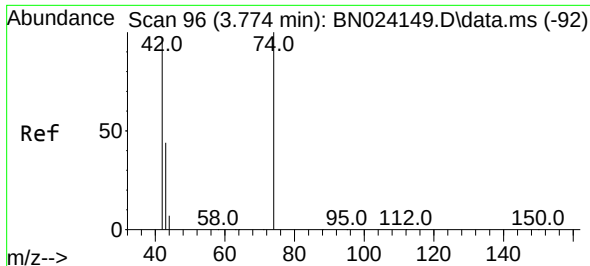
Reviewed By :Christian Giraldo 03/08/2023  
 Supervised By :Jagrut Upadhyay 03/08/2023



#2  
 1,4-Dioxane  
 Concen: 0.199 ng  
 RT: 3.449 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: BN024148.D  
 Acq: 07 Mar 2023 16:53

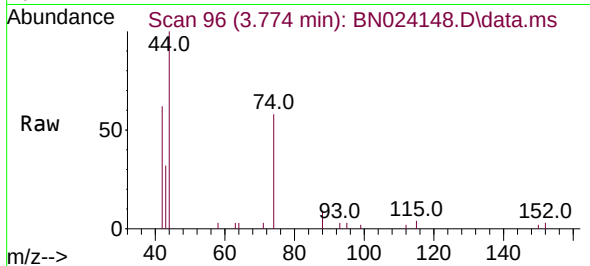
Tgt Ion: 88 Resp: 1579  
 Ion Ratio Lower Upper  
 88 100  
 43 36.4 27.8 41.8  
 58 84.9 65.8 98.6





#3  
n-Nitrosodimethylamine  
Concen: 0.193 ng  
RT: 3.774 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

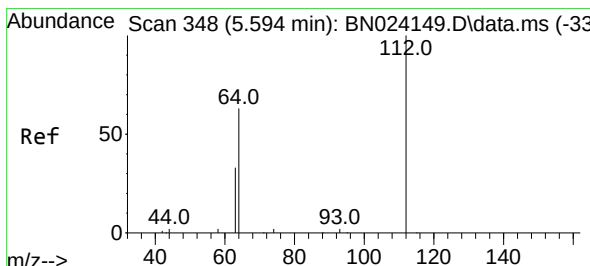
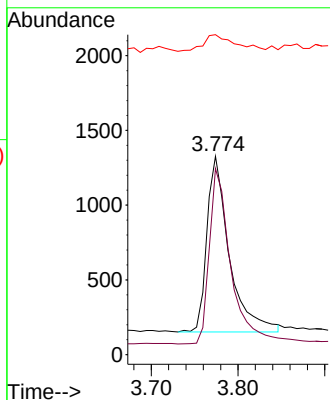
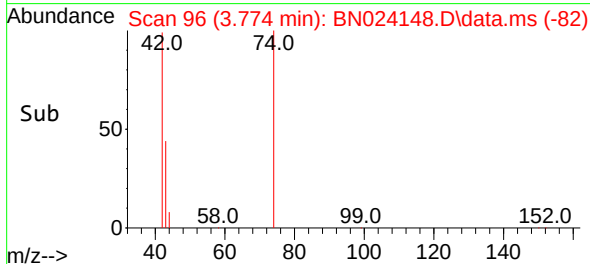
Instrument :  
BNA\_N  
Client Sample Id :  
SSTDICC0.2



Tgt Ion: 42 Resp: 2100  
Ion Ratio Lower Upper  
42 100  
74 95.9 78.0 117.0  
44 13.7 10.3 15.5

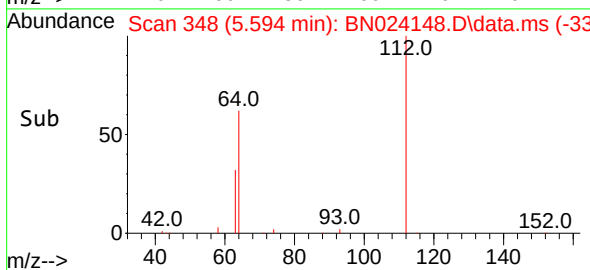
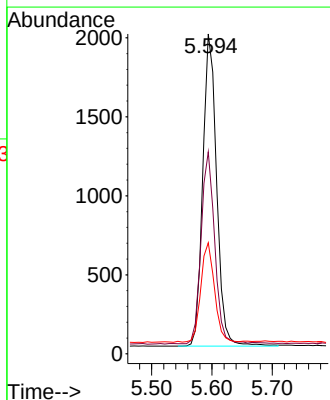
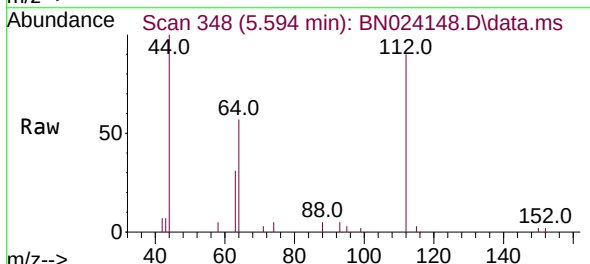
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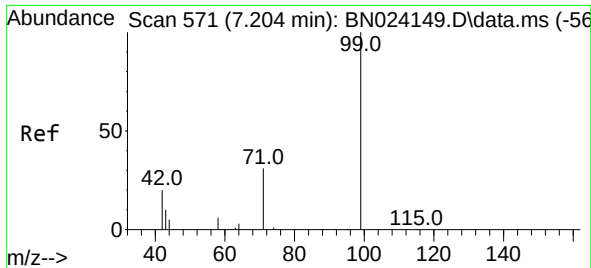
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023



#4  
2-Fluorophenol  
Concen: 0.190 ng  
RT: 5.594 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

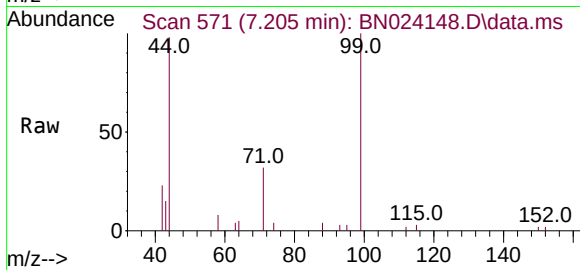
Tgt Ion: 112 Resp: 3150  
Ion Ratio Lower Upper  
112 100  
64 60.2 48.2 72.2  
63 31.7 25.4 38.2





#5  
Phenol-d6  
Concen: 0.191 ng  
RT: 7.205 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

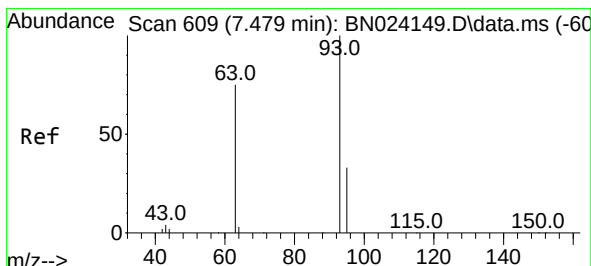
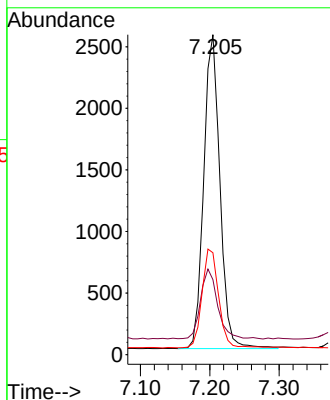
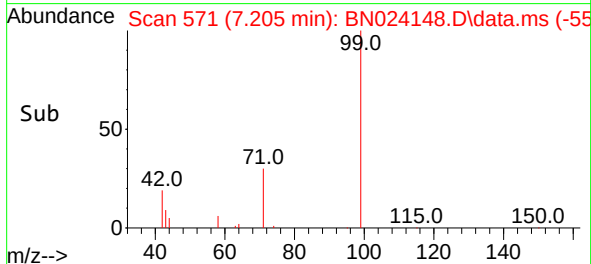
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



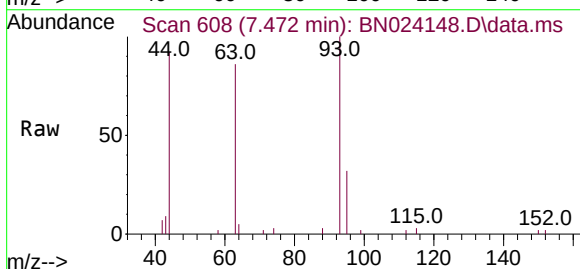
Tgt Ion: 99 Resp: 4134  
Ion Ratio Lower Upper  
99 100  
42 23.6 19.2 28.8  
71 32.1 25.8 38.6

Manual Integrations  
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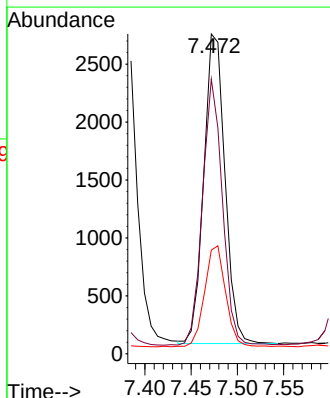
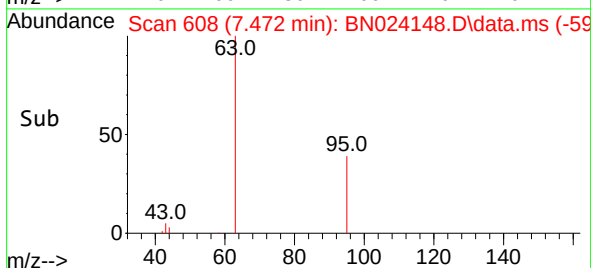
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

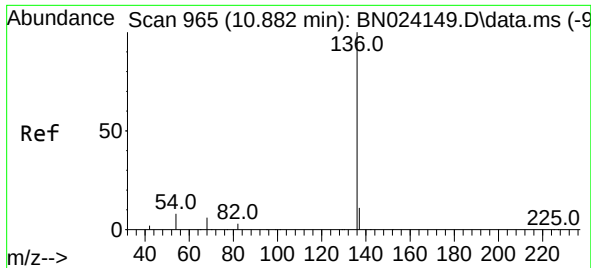


#6  
bis(2-Chloroethyl)ether  
Concen: 0.197 ng  
RT: 7.472 min Scan# 608  
Delta R.T. -0.007 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



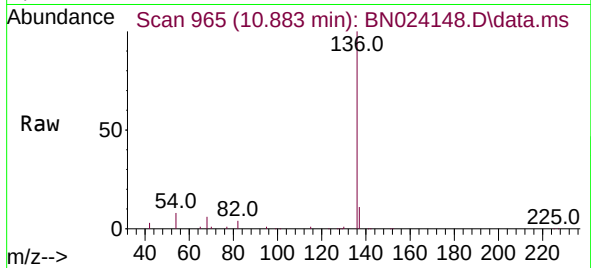
Tgt Ion: 93 Resp: 4260  
Ion Ratio Lower Upper  
93 100  
63 81.0 64.9 97.3  
95 32.6 25.8 38.8





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.883 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

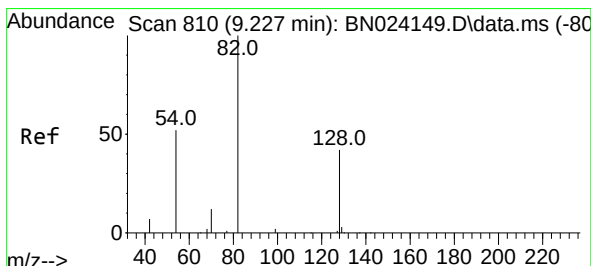
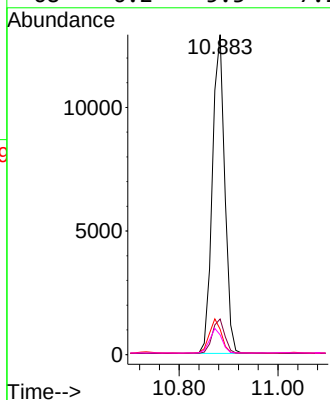
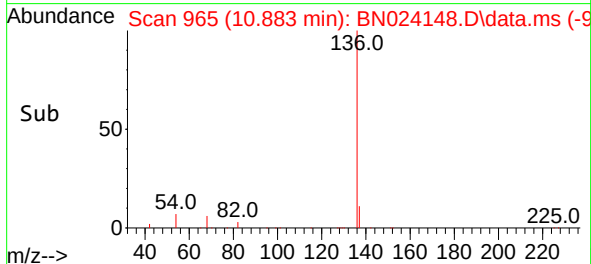
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 22360 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 8.8   | 13.2  |
| 54        | 7.9   | 6.8   | 10.2  |
| 68        | 6.2   | 5.3   | 7.9   |

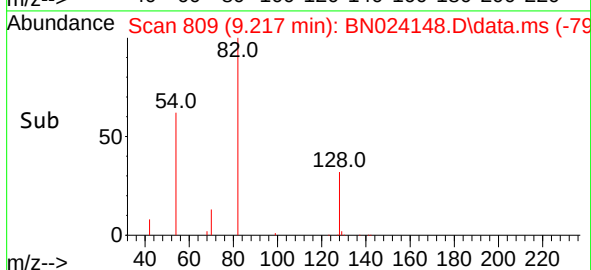
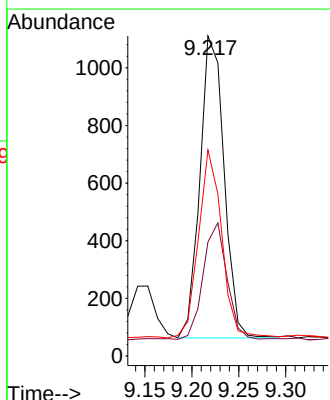
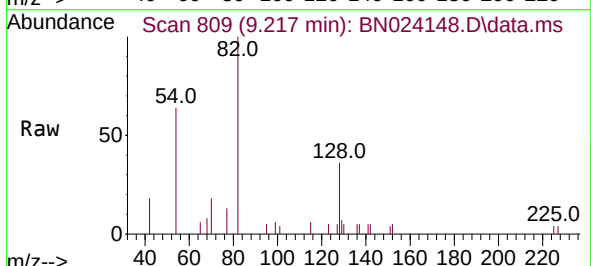
Manual Integrations  
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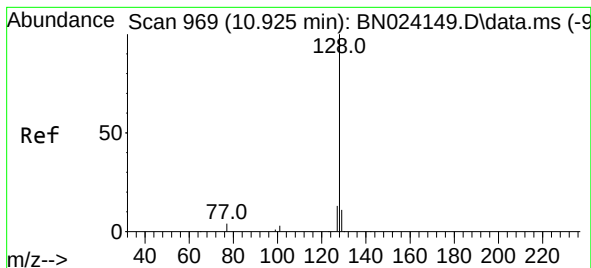
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023



#8  
Nitrobenzene-d5  
Concen: 0.183 ng  
RT: 9.217 min Scan# 809  
Delta R.T. -0.010 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1875 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 35.6  | 34.5  | 51.7 |
| 54        | 64.4  | 42.8  | 64.2 |





#9

Naphthalene

Concen: 0.194 ng

RT: 10.925 min Scan# 969

Delta R.T. 0.000 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

Instrument :

BNA\_N

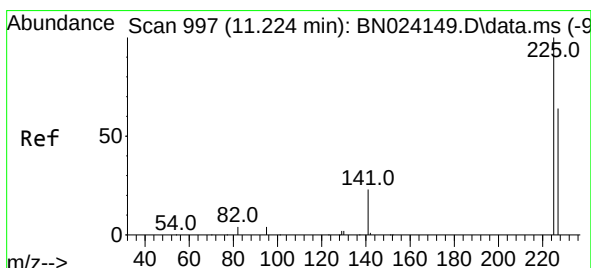
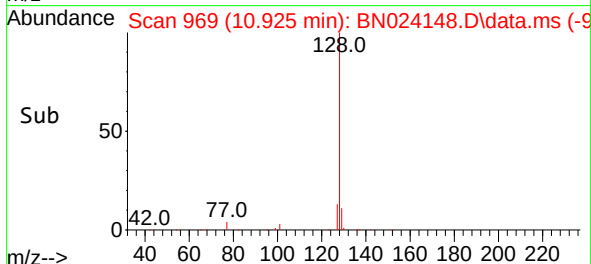
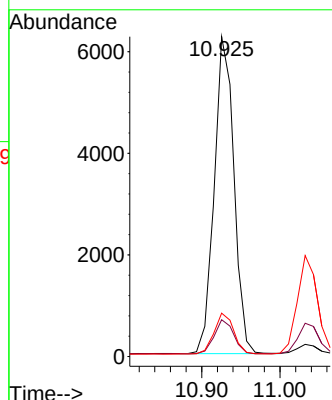
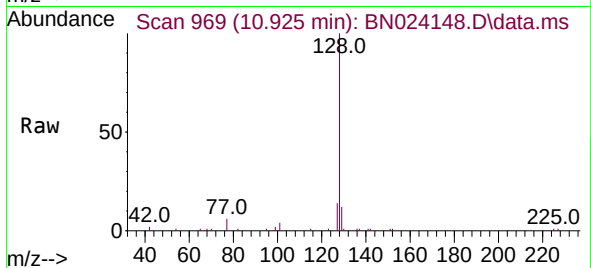
ClientSampleId :

SSTDICC0.2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 10919 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.5  | 9.0   | 13.6  |
| 127       | 13.6  | 10.9  | 16.3  |

Manual Integrations  
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Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023



#10

Hexachlorobutadiene

Concen: 0.198 ng

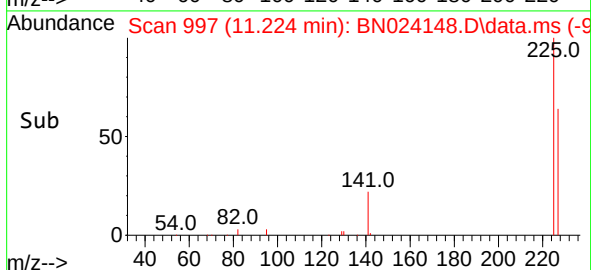
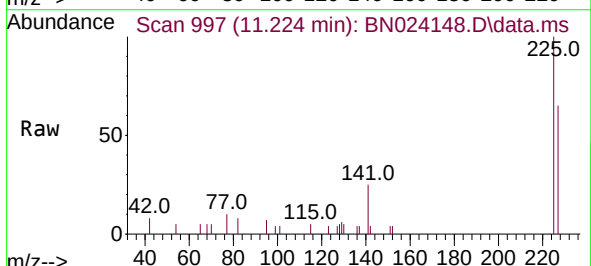
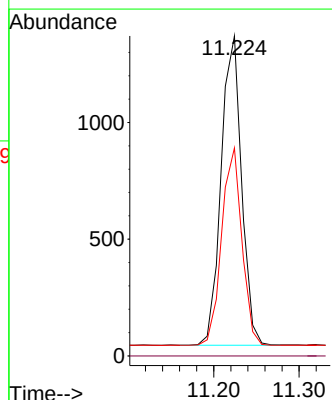
RT: 11.224 min Scan# 997

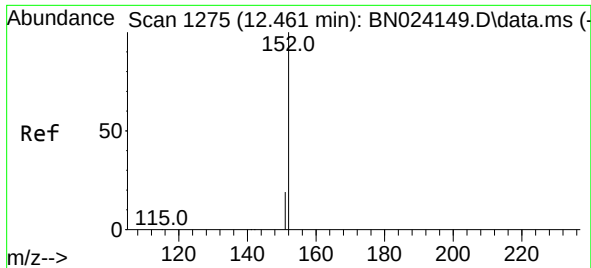
Delta R.T. 0.000 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2210 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 62.9  | 50.8  | 76.2 |





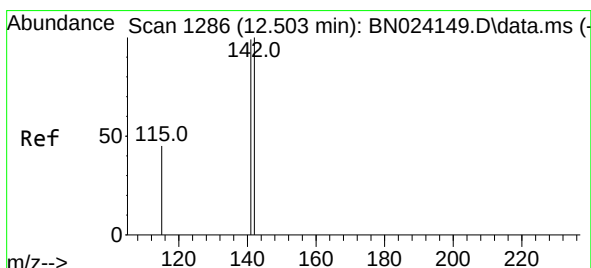
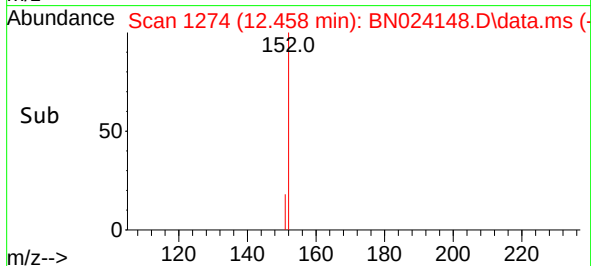
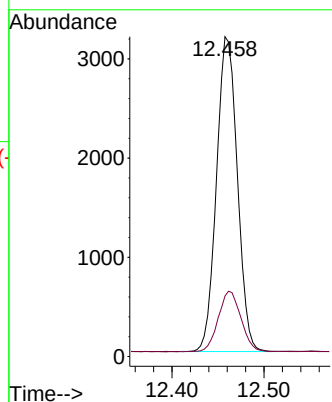
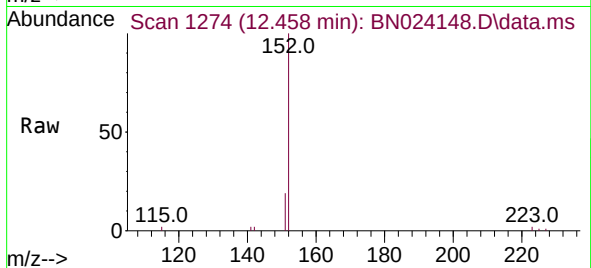
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2-Methylnaphthalene-d10  
Concen: 0.150 ng  
RT: 12.458 min Scan# 1274  
Delta R.T. -0.003 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

Tgt Ion:152 Resp: 5338  
Ion Ratio Lower Upper  
152 100  
151 23.4 17.8 26.6

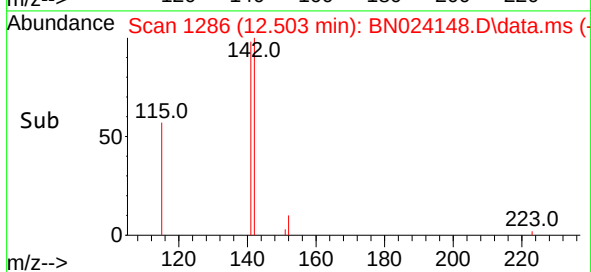
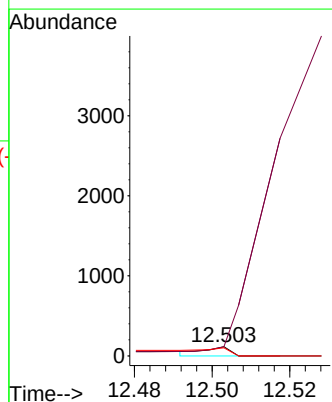
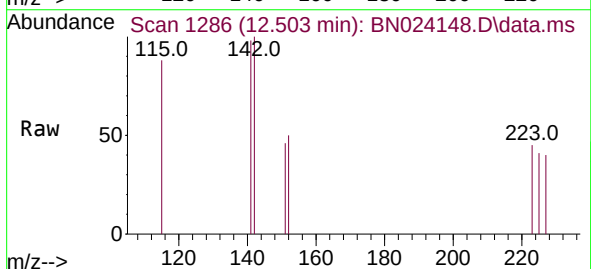
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

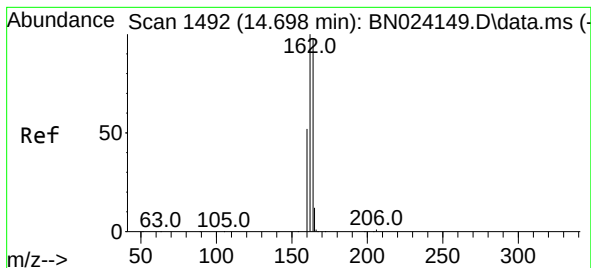


#12  
2-Methylnaphthalene  
Concen: 0.278 ng  
RT: 12.503 min Scan# 1286  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Tgt Ion:142 Resp: 76  
Ion Ratio Lower Upper  
142 100  
141 98.2 76.9 115.3  
115 87.7 57.8 86.8#

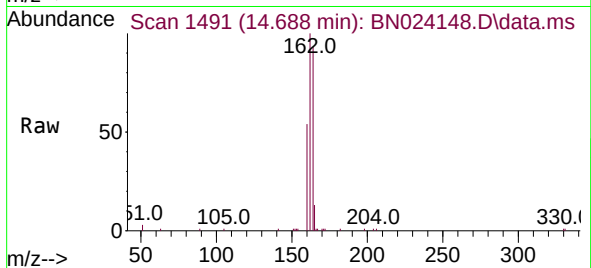






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.688 min Scan# 1492  
Delta R.T. -0.010 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

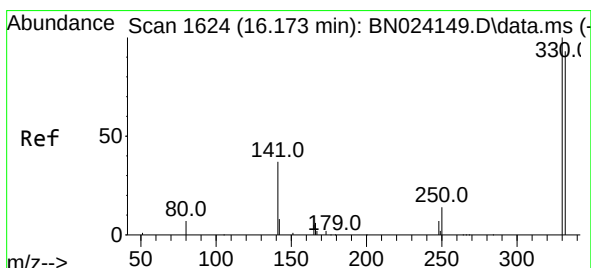
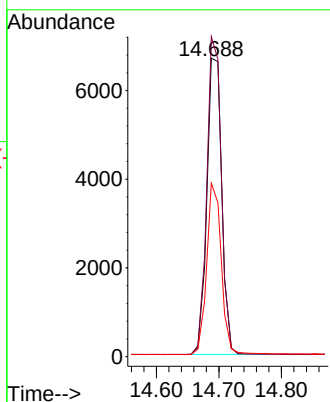
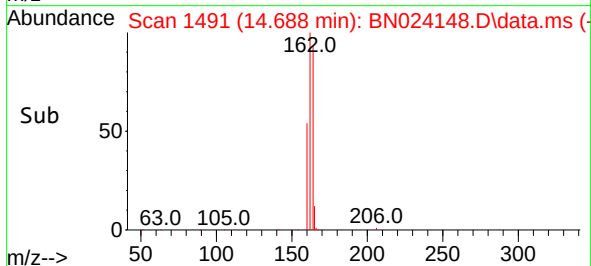
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



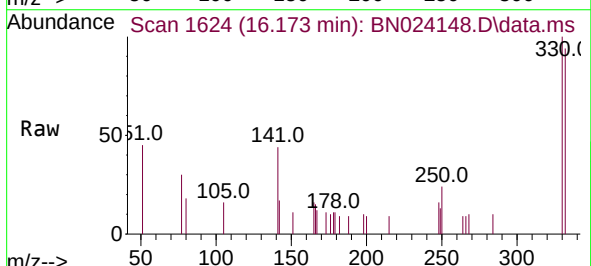
Tgt Ion:164 Resp: 11129  
Ion Ratio Lower Upper  
164 100  
162 107.2 81.6 122.4  
160 58.1 43.0 64.6

Manual Integrations  
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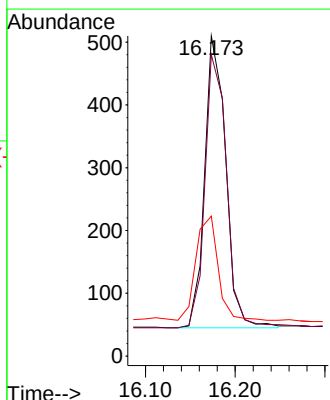
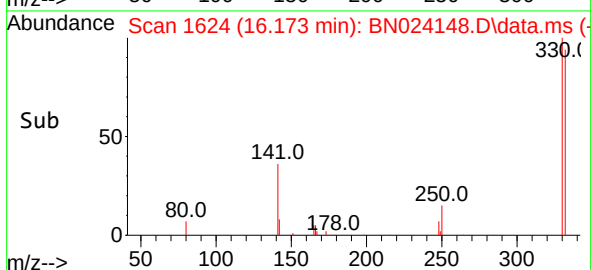
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

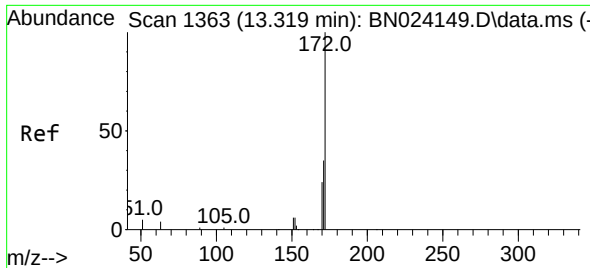


#14  
2,4,6-Tribromophenol  
Concen: 0.165 ng  
RT: 16.173 min Scan# 1624  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



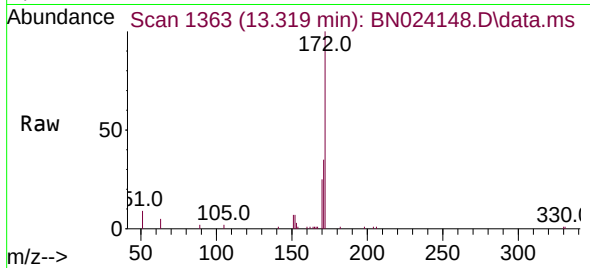
Tgt Ion:330 Resp: 760  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.2 114.2  
141 37.9 28.9 43.3





#15  
2-Fluorobiphenyl  
Concen: 0.194 ng  
RT: 13.319 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

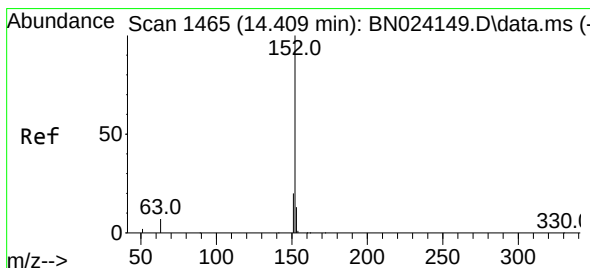
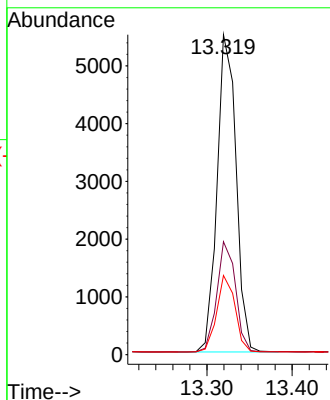
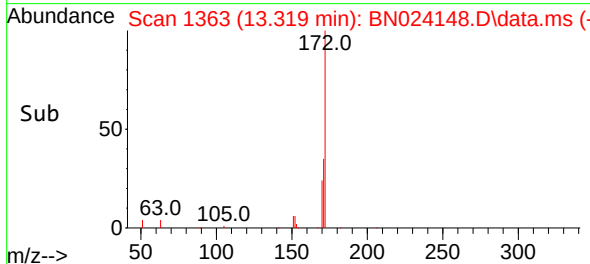
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



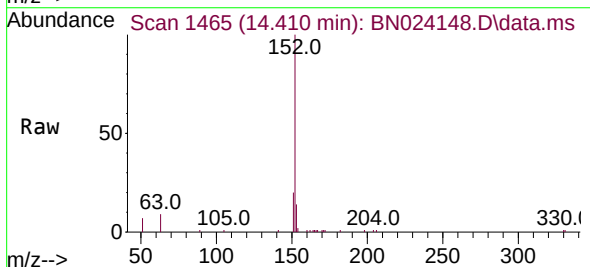
Tgt Ion:172 Resp: 8545  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 24.8 19.7 29.5

Manual Integrations  
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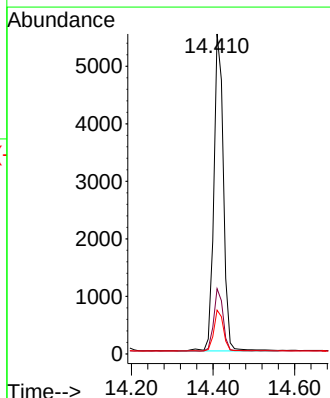
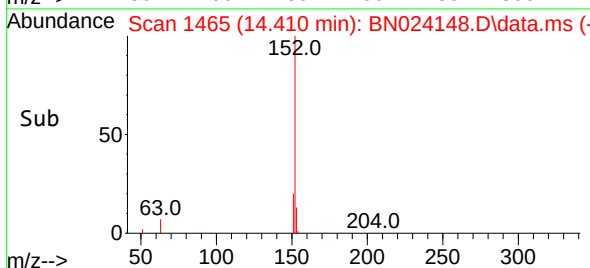
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

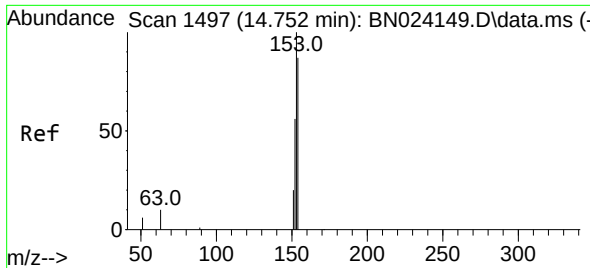


#16  
Acenaphthylene  
Concen: 0.180 ng  
RT: 14.410 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



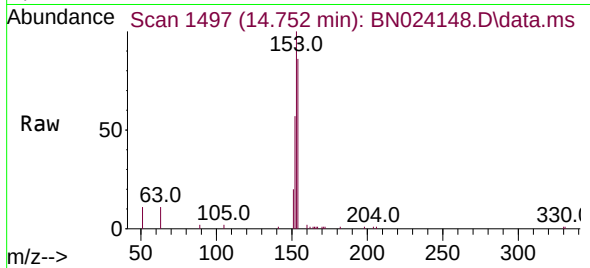
Tgt Ion:152 Resp: 9006  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.2 22.8  
153 12.7 10.4 15.6





#17  
Acenaphthene  
Concen: 0.185 ng  
RT: 14.752 min Scan# 1497  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

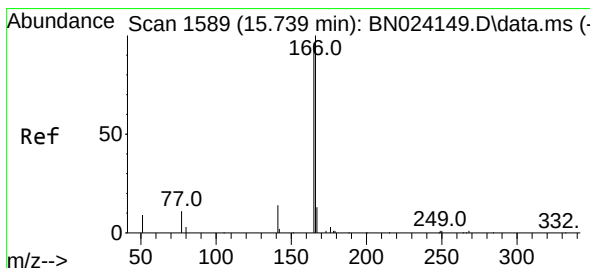
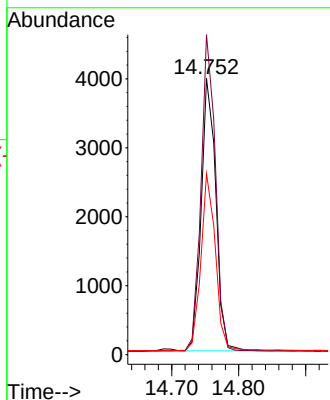
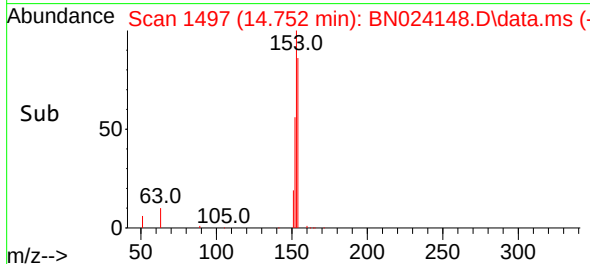
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



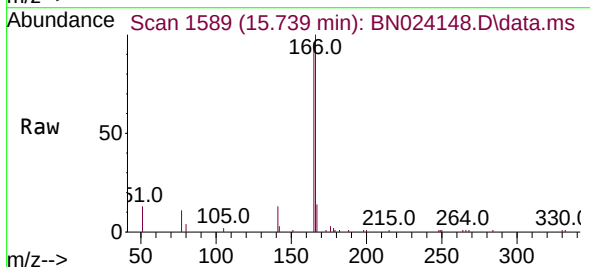
Tgt Ion:154 Resp: 6001  
Ion Ratio Lower Upper  
154 100  
153 114.6 90.4 135.6  
152 64.9 51.0 76.6

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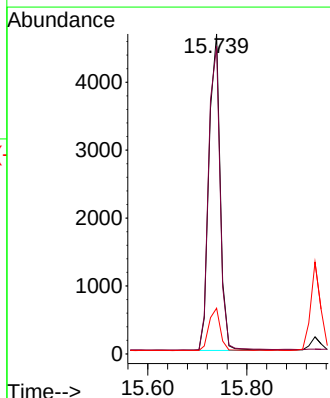
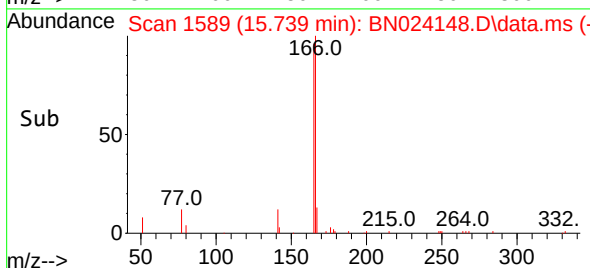
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

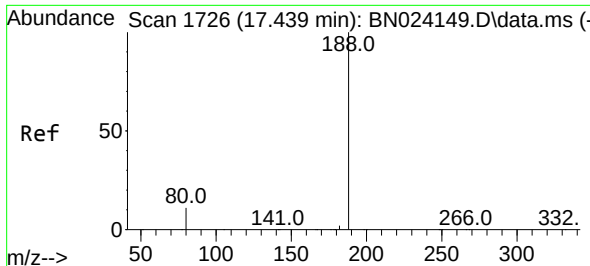


#18  
Fluorene  
Concen: 0.181 ng  
RT: 15.739 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



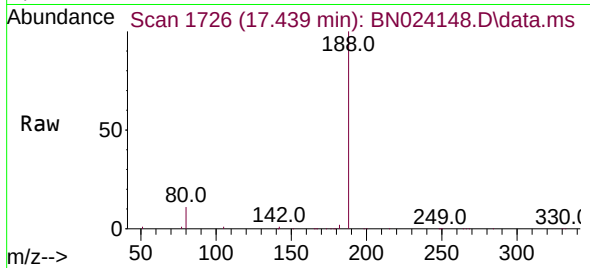
Tgt Ion:166 Resp: 7059  
Ion Ratio Lower Upper  
166 100  
165 98.7 80.1 120.1  
167 13.5 10.8 16.2





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 1726  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

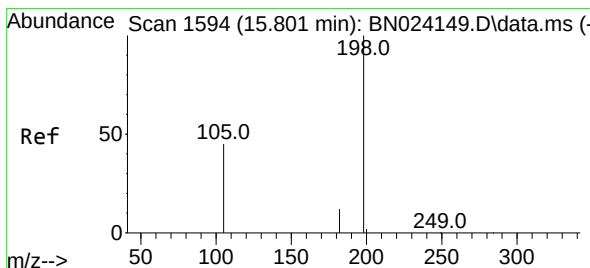
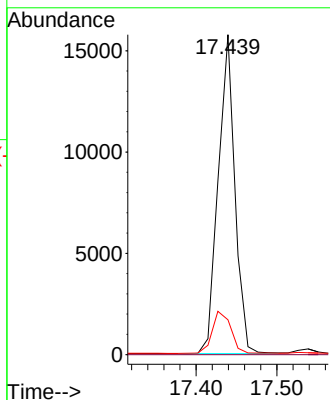
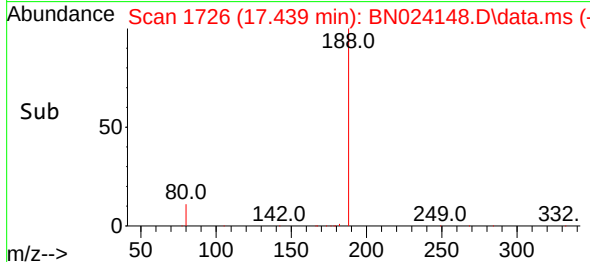
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



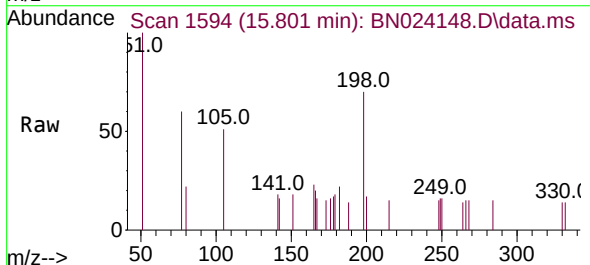
Tgt Ion:188 Resp: 22595  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 9.4 14.0

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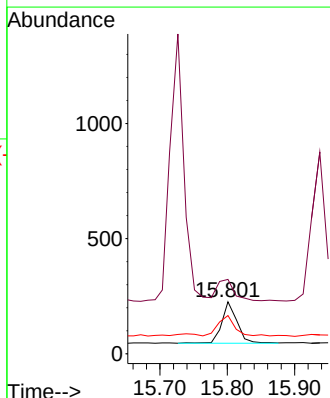
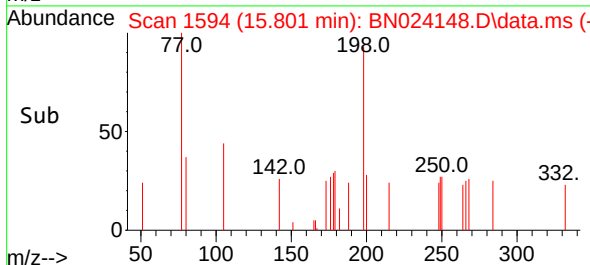
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

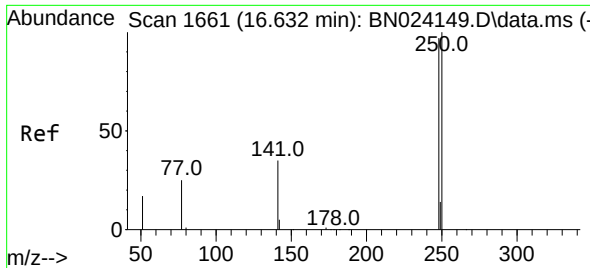


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.246 ng  
RT: 15.801 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



Tgt Ion:198 Resp: 284  
Ion Ratio Lower Upper  
198 100  
51 142.9 79.8 119.8#  
105 73.5 48.8 73.2#





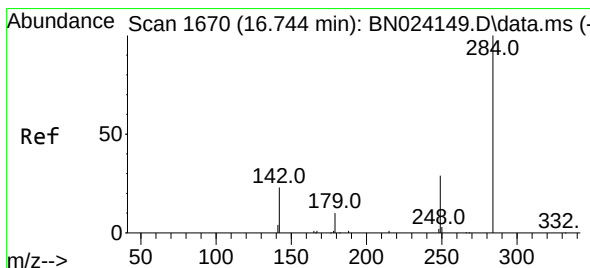
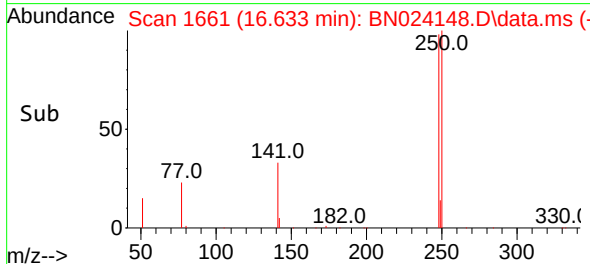
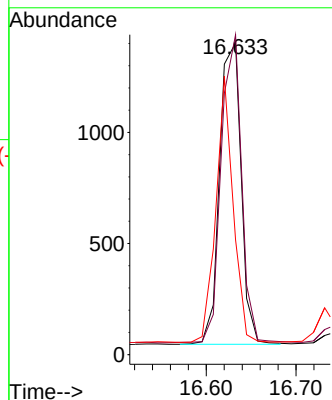
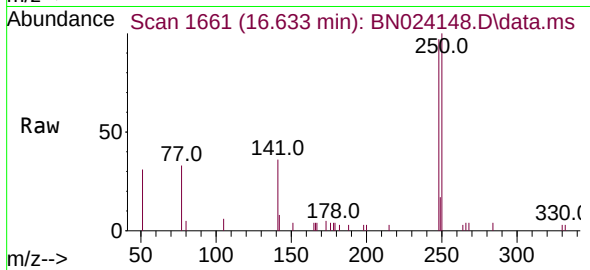
#21  
4-Bromophenyl-phenylether  
Concen: 0.186 ng  
RT: 16.633 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

Tgt Ion:248 Resp: 226  
Ion Ratio Lower Upper  
248 100  
250 102.6 82.5 123.7  
141 36.8 30.1 45.1

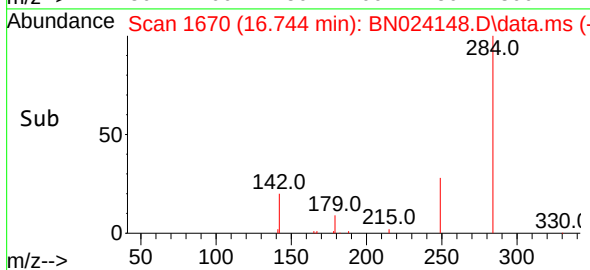
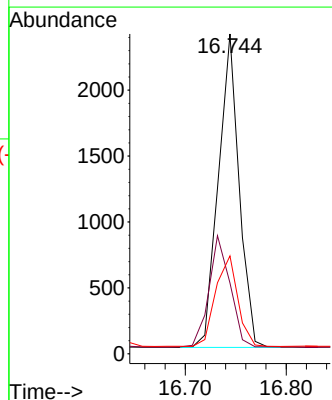
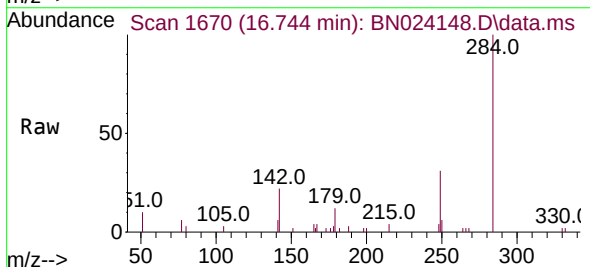
Manual Integrations  
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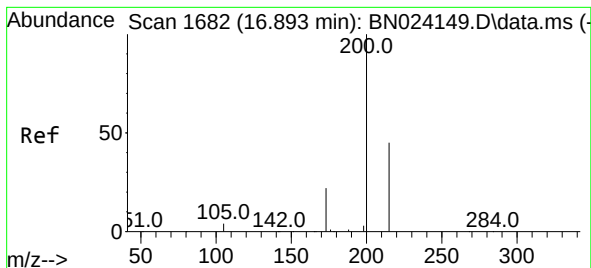
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023



#22  
Hexachlorobenzene  
Concen: 0.193 ng  
RT: 16.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Tgt Ion:284 Resp: 3400  
Ion Ratio Lower Upper  
284 100  
142 36.3 28.3 42.5  
249 31.0 23.9 35.9





#23

Atrazine

Concen: 0.225 ng

RT: 16.881 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

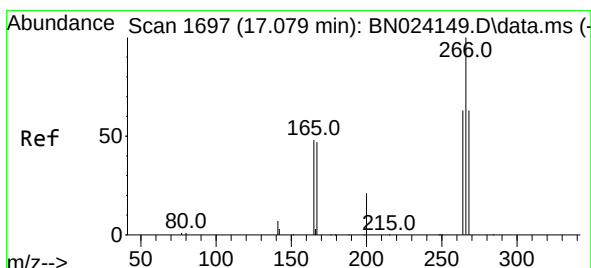
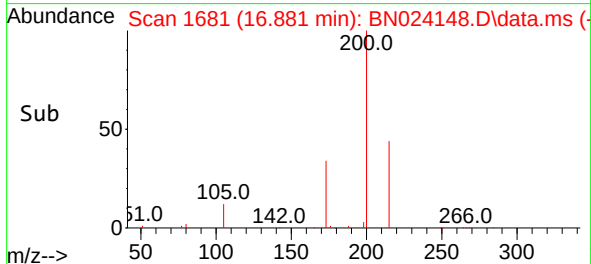
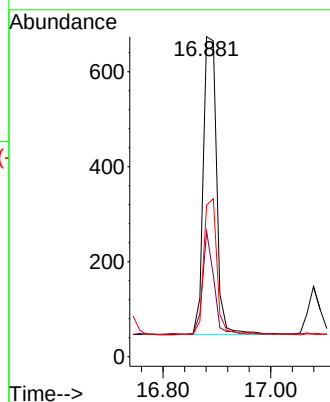
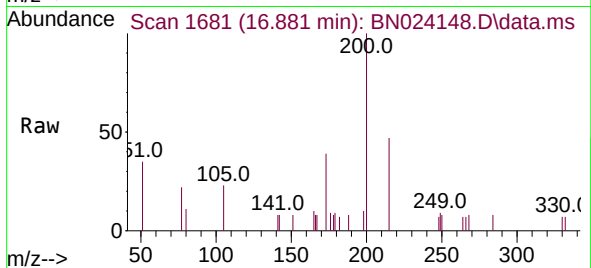
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1082 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 39.2  | 19.8  | 29.6 |
| 215       | 47.3  | 37.7  | 56.5 |

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#24

Pentachlorophenol

Concen: 0.254 ng

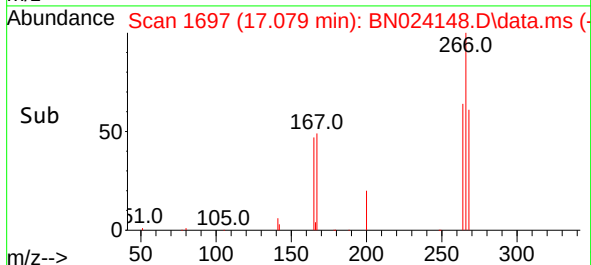
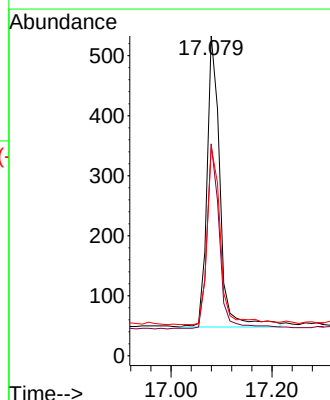
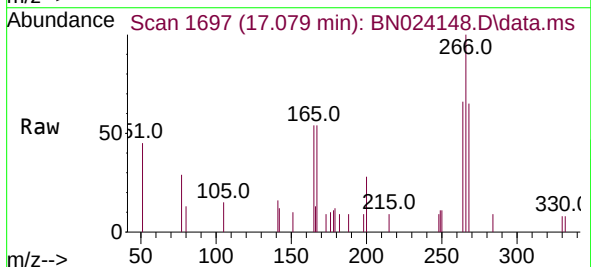
RT: 17.079 min Scan# 1697

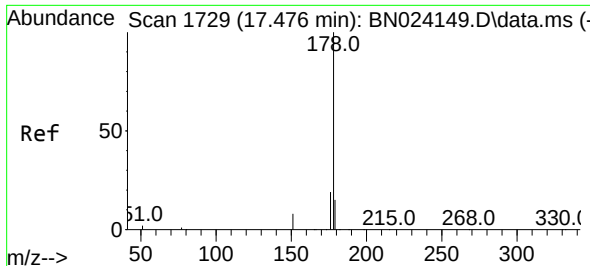
Delta R.T. 0.000 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

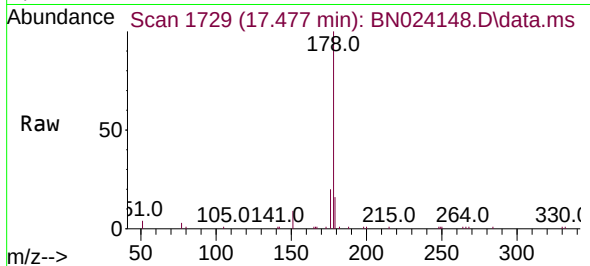
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 864  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 59.6  | 49.4  | 74.0 |
| 268       | 62.8  | 51.4  | 77.0 |





#25  
Phenanthrene  
Concen: 0.187 ng  
RT: 17.477 min Scan# 1729  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

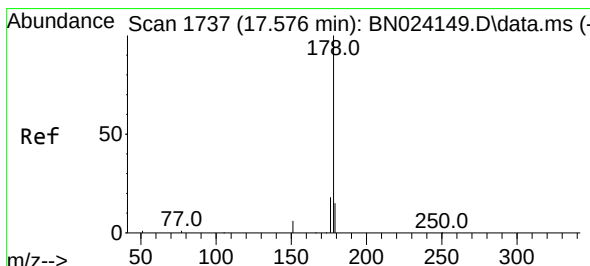
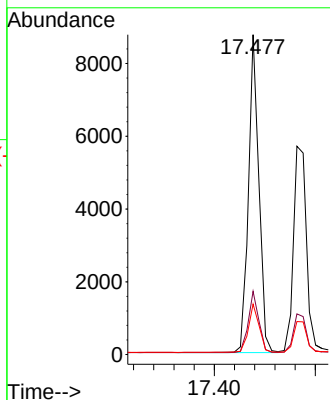
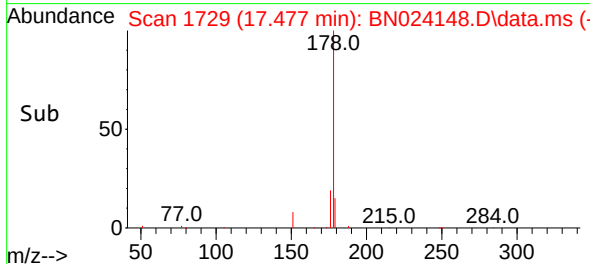
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



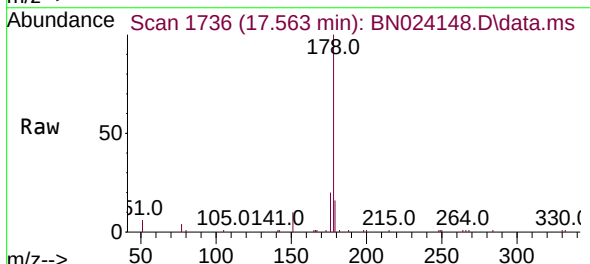
Tgt Ion:178 Resp: 12520  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.6 12.2 18.2

Manual Integrations  
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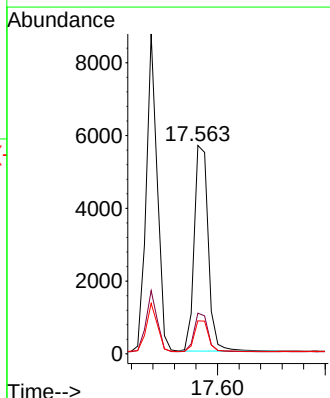
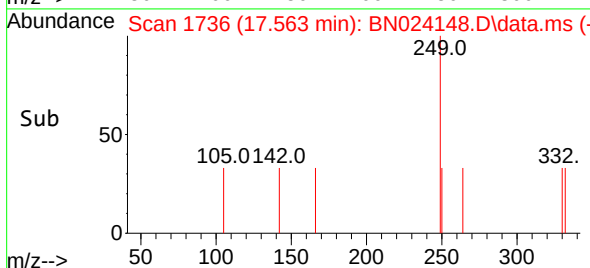
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

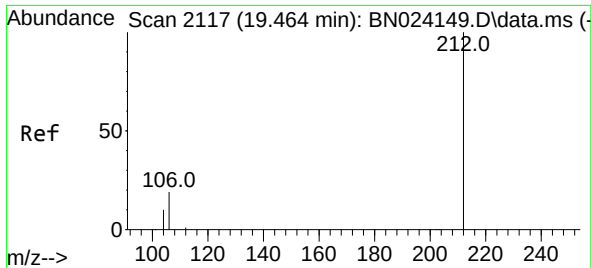


#26  
Anthracene  
Concen: 0.174 ng  
RT: 17.563 min Scan# 1736  
Delta R.T. -0.012 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



Tgt Ion:178 Resp: 10199  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.1 22.7  
179 15.0 12.1 18.1





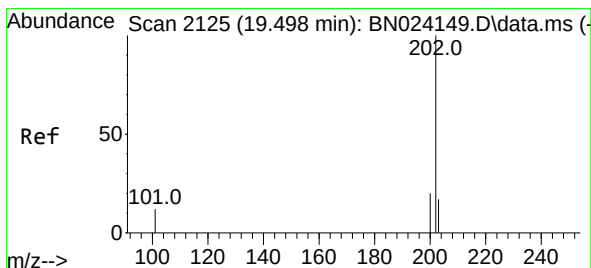
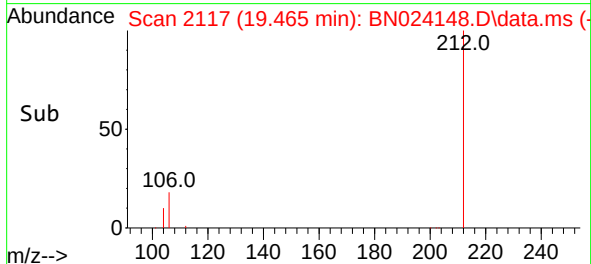
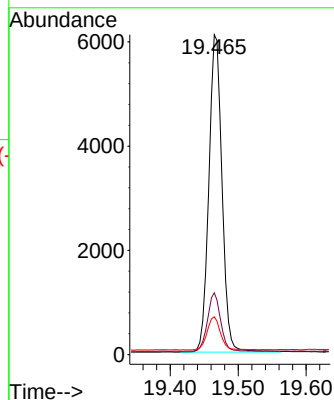
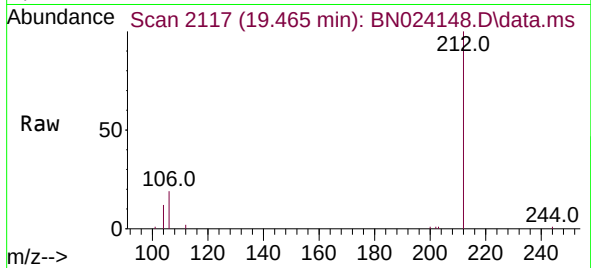
#27  
Fluoranthene-d10  
Concen: 0.180 ng  
RT: 19.465 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

Tgt Ion:212 Resp: 8236  
Ion Ratio Lower Upper  
212 100  
106 18.3 14.9 22.3  
104 10.5 8.4 12.6

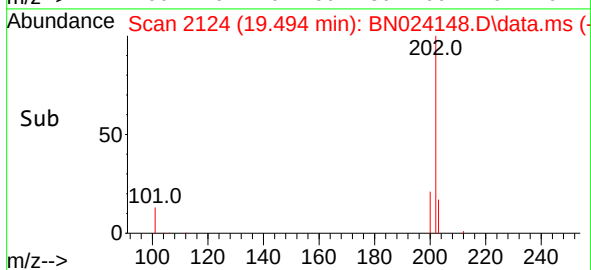
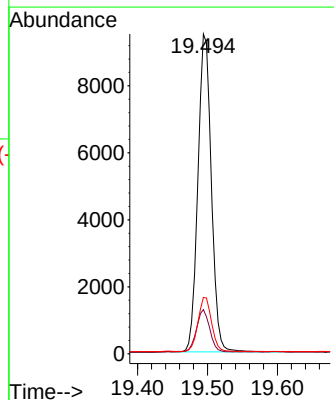
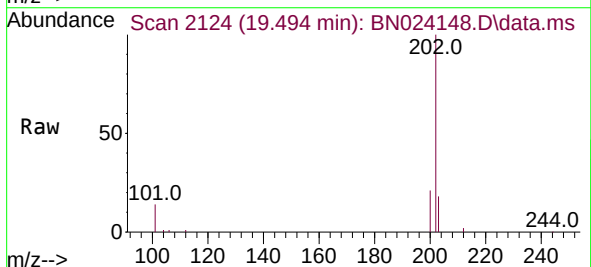
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Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

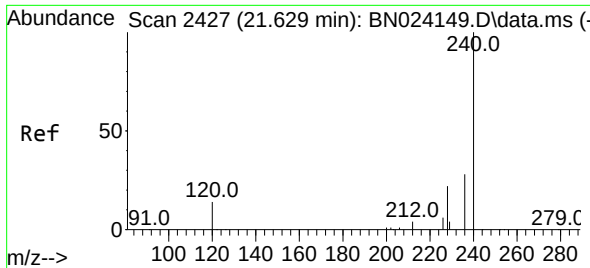


#28  
Fluoranthene  
Concen: 0.178 ng  
RT: 19.494 min Scan# 2124  
Delta R.T. -0.004 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Tgt Ion:202 Resp: 12658  
Ion Ratio Lower Upper  
202 100  
101 13.2 10.7 16.1  
203 17.0 13.6 20.4

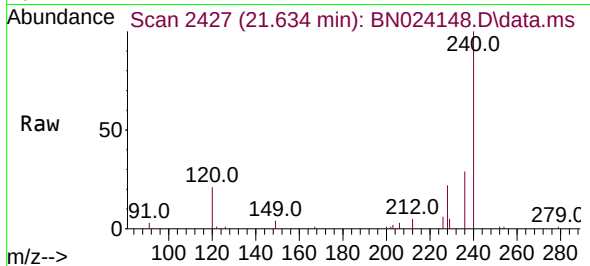






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.634 min Scan# 2427  
Delta R.T. 0.005 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

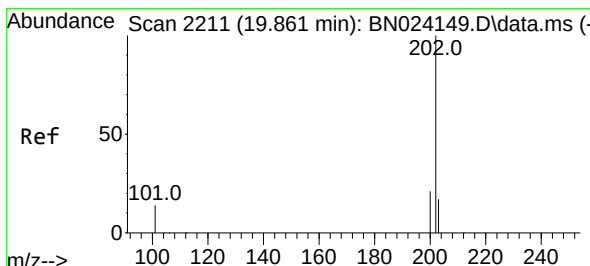
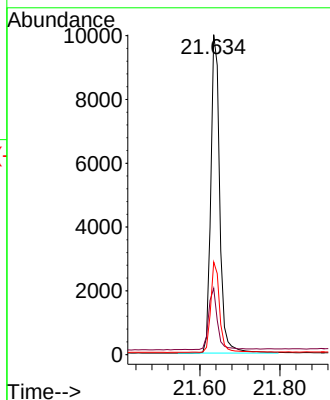
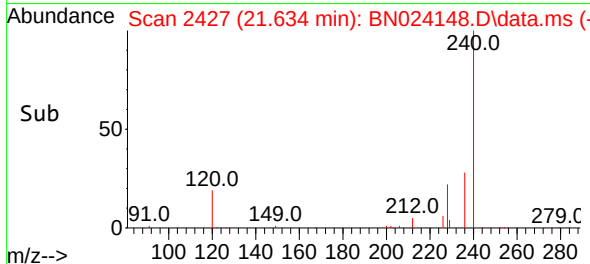
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



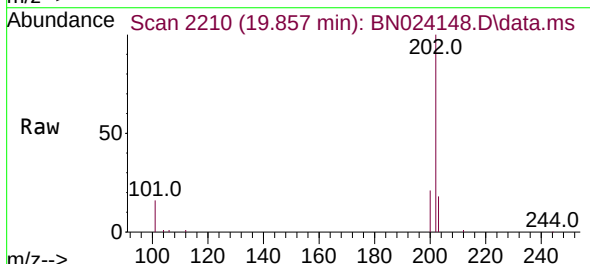
Tgt Ion:240 Resp: 15477  
Ion Ratio Lower Upper  
240 100  
120 20.7 12.2 18.2  
236 28.9 22.6 34.0

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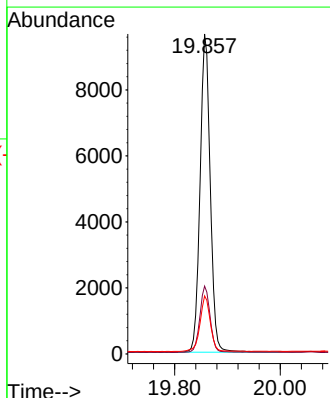
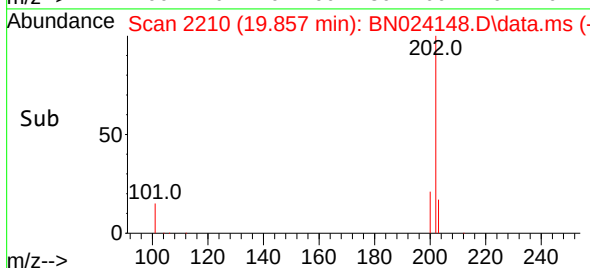
Reviewed By :Christian Giraldo 03/08/2023  
Supervised By :Jagrut Upadhyay 03/08/2023

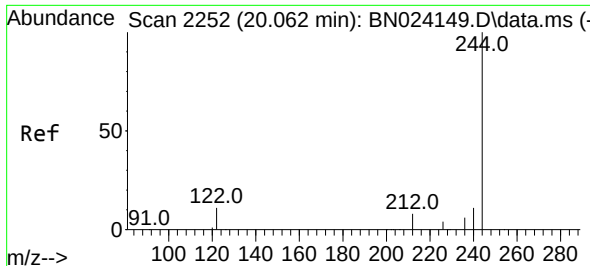


#30  
Pyrene  
Concen: 0.191 ng  
RT: 19.857 min Scan# 2210  
Delta R.T. -0.004 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53



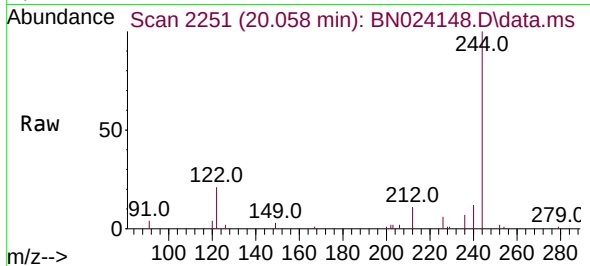
Tgt Ion:202 Resp: 12813  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.1 24.1  
203 17.7 13.7 20.5





#31  
 Terphenyl-d14  
 Concen: 0.196 ng  
 RT: 20.058 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN024148.D  
 Acq: 07 Mar 2023 16:53

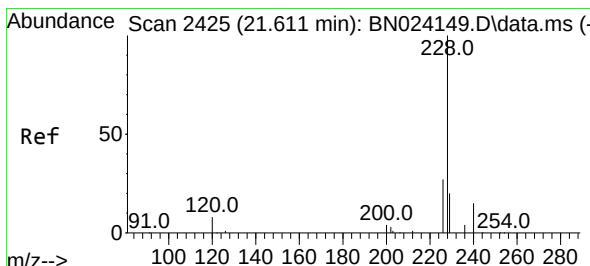
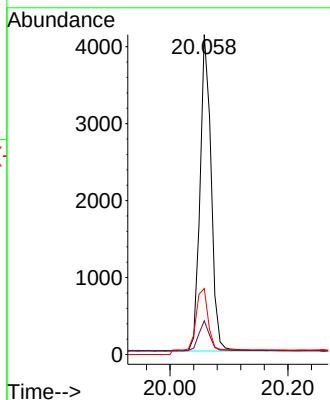
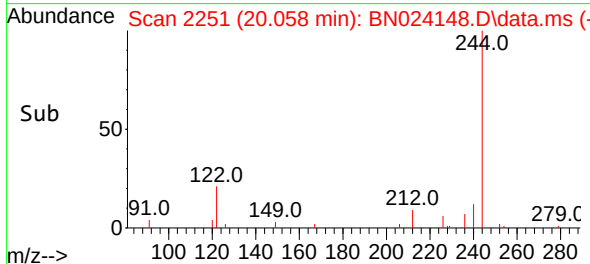
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2



Tgt Ion:244 Resp: 536  
 Ion Ratio Lower Upper  
 244 100  
 212 10.6 6.7 10.1  
 122 20.6 9.7 14.5

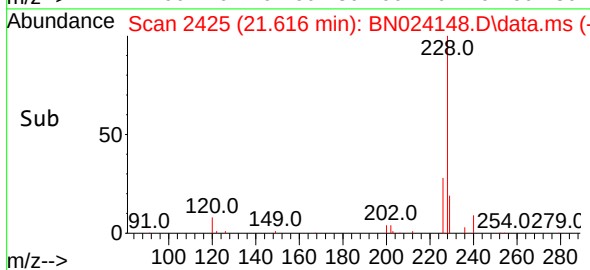
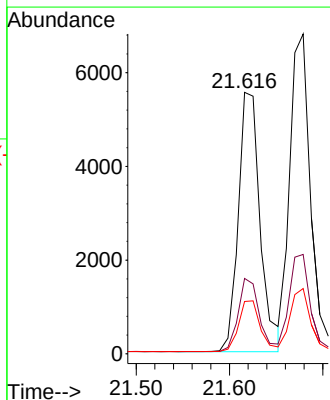
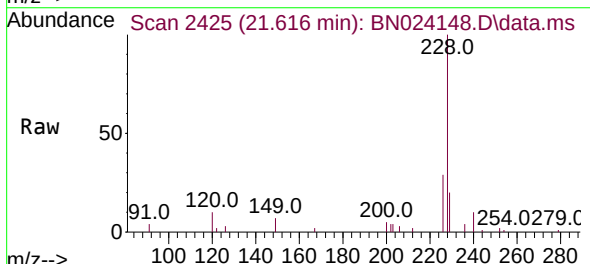
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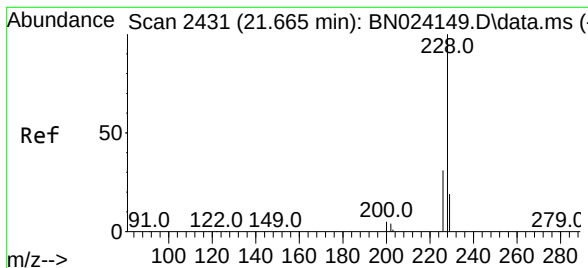
Reviewed By :Christian Giraldo 03/08/2023  
 Supervised By :Jagrut Upadhyay 03/08/2023



#32  
 Benzo(a)anthracene  
 Concen: 0.188 ng  
 RT: 21.616 min Scan# 2425  
 Delta R.T. 0.005 min  
 Lab File: BN024148.D  
 Acq: 07 Mar 2023 16:53

Tgt Ion:228 Resp: 8990  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 22.0 33.0  
 229 20.0 15.9 23.9





#33

Chrysene

Concen: 0.193 ng

RT: 21.679 min Scan# 2431

Delta R.T. 0.014 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

Instrument :

BNA\_N

ClientSampleId :

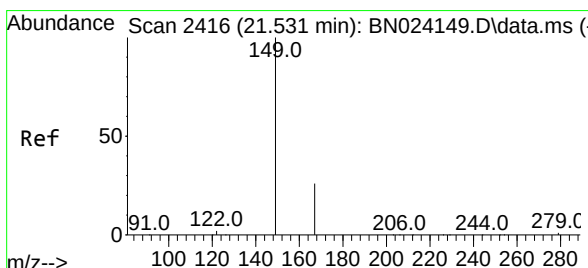
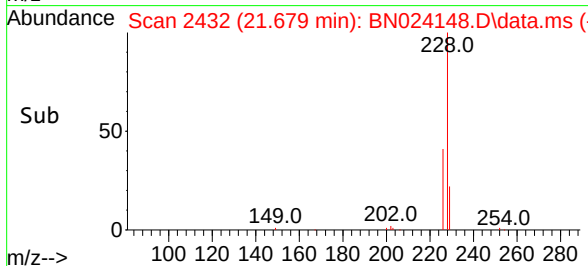
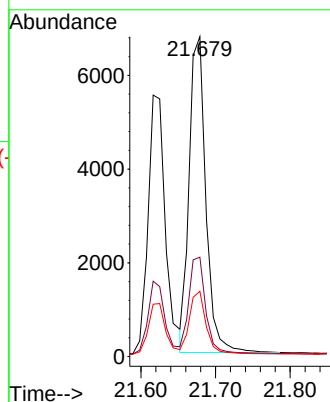
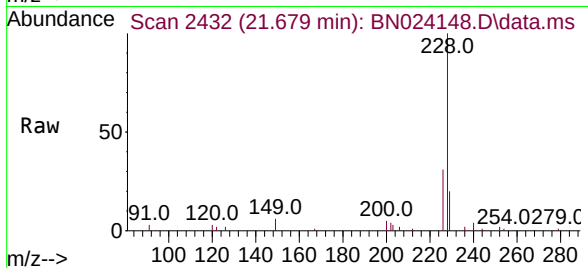
SSTDICC0.2

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 1049 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 31.1  | 24.8  | 37.2 |
| 229       | 20.4  | 15.4  | 23.2 |

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/08/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.188 ng

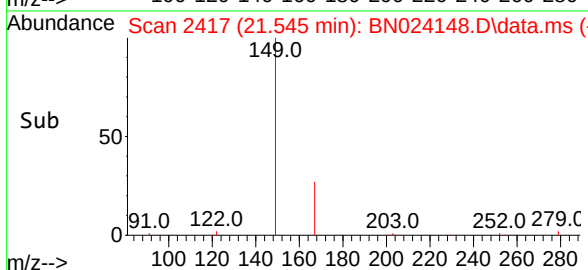
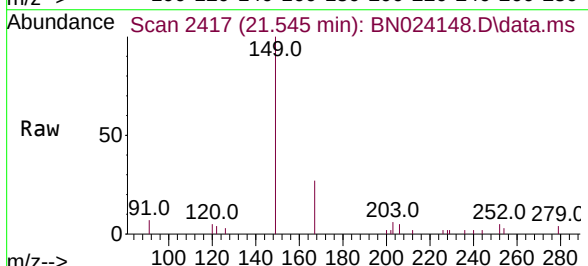
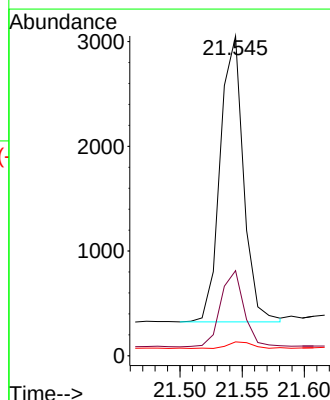
RT: 21.545 min Scan# 2417

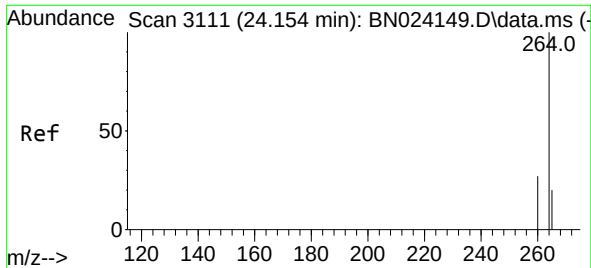
Delta R.T. 0.014 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

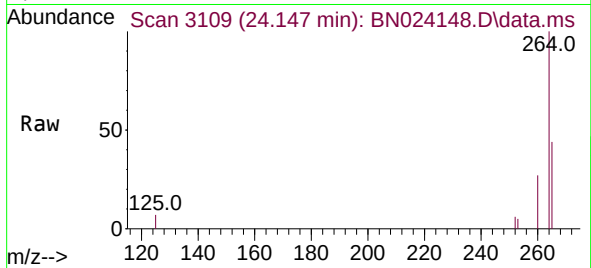
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 3559 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.8  | 20.5  | 30.7 |
| 279       | 2.6   | 2.0   | 3.0  |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.147 min Scan# 3111  
 Delta R.T. -0.007 min  
 Lab File: BN024148.D  
 Acq: 07 Mar 2023 16:53

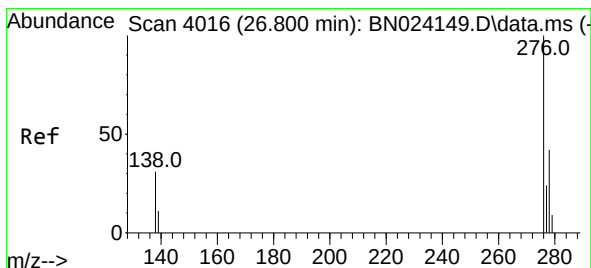
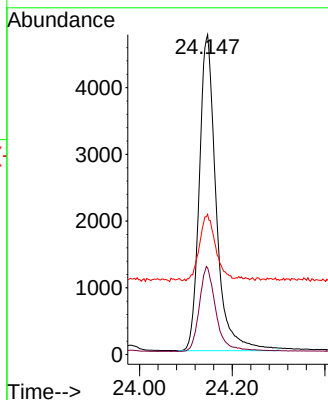
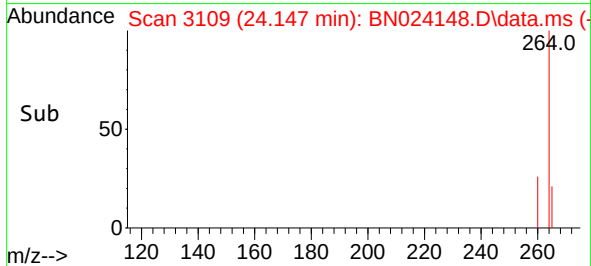
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2



Tgt Ion:264 Resp: 11997  
 Ion Ratio Lower Upper  
 264 100  
 260 27.1 22.1 33.1  
 265 43.8 35.4 53.0

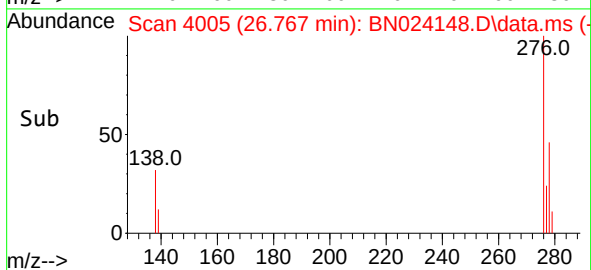
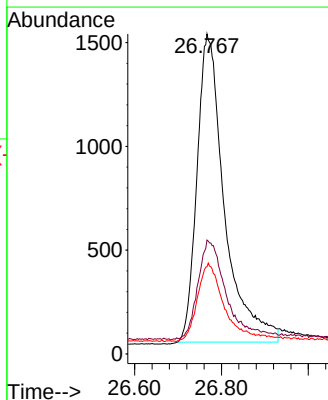
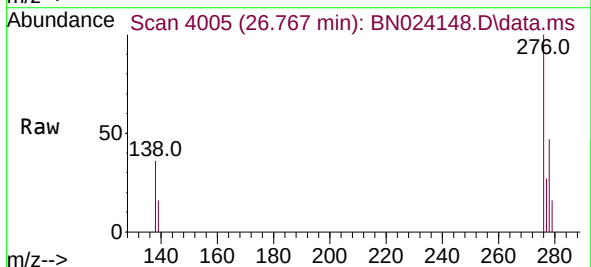
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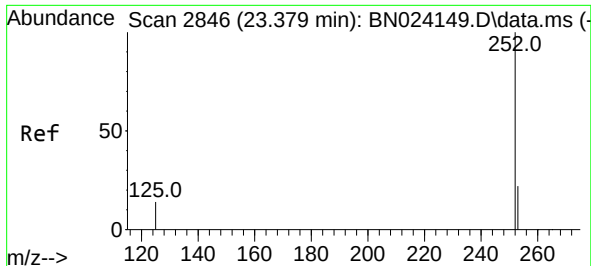
Reviewed By :Christian Giraldo 03/08/2023  
 Supervised By :Jagrut Upadhyay 03/08/2023



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.169 ng  
 RT: 26.767 min Scan# 4005  
 Delta R.T. -0.033 min  
 Lab File: BN024148.D  
 Acq: 07 Mar 2023 16:53

Tgt Ion:276 Resp: 6516  
 Ion Ratio Lower Upper  
 276 100  
 138 32.0 26.2 39.4  
 277 23.8 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.179 ng m

RT: 23.378 min Scan# 2846

Delta R.T. -0.001 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

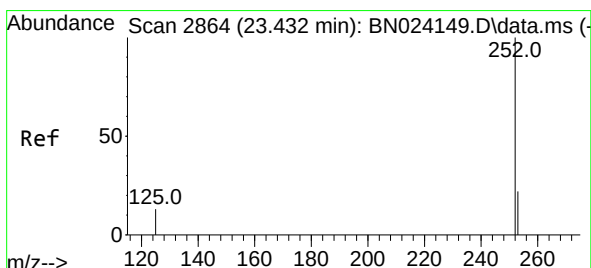
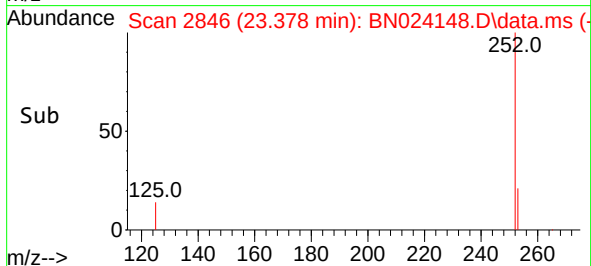
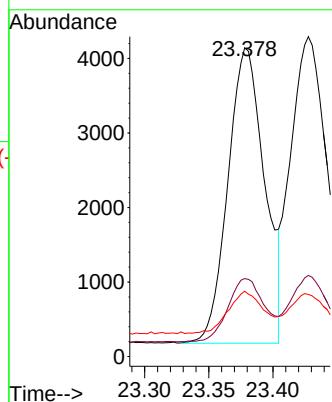
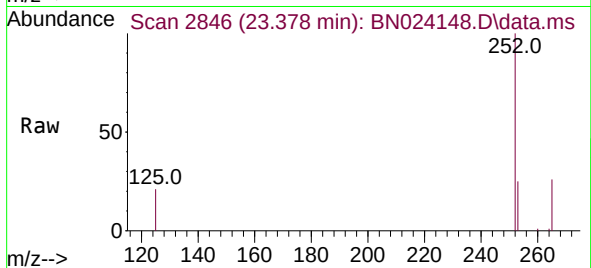
Tgt Ion:252 Resp: 7875

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 25.3  | 19.1  | 28.7  |
| 125 | 21.1  | 13.8  | 20.6  |

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/08/2023



#38

Benzo(k)fluoranthene

Concen: 0.174 ng

RT: 23.428 min Scan# 2863

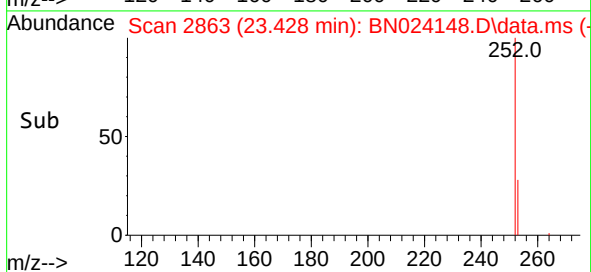
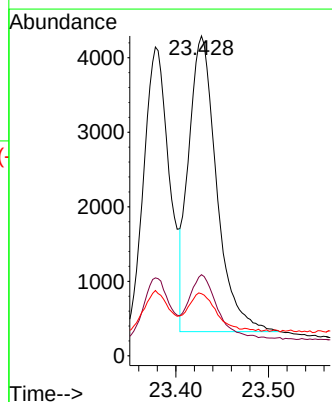
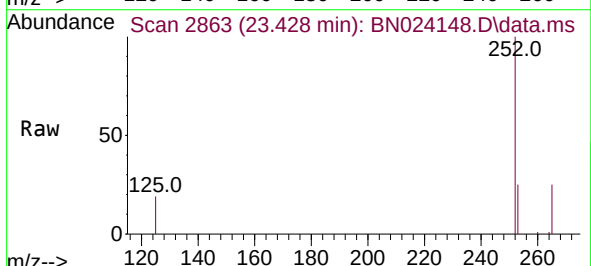
Delta R.T. -0.004 min

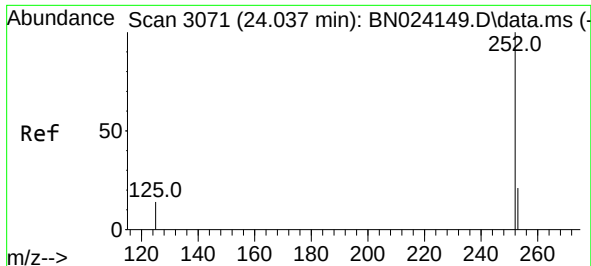
Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

Tgt Ion:252 Resp: 8314

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 25.4  | 19.0  | 28.6  |
| 125 | 19.4  | 13.3  | 19.9  |





#39

Benzo(a)pyrene

Concen: 0.170 ng

RT: 24.033 min Scan# 3071

Delta R.T. -0.004 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

Instrument :

BNA\_N

ClientSampleId :

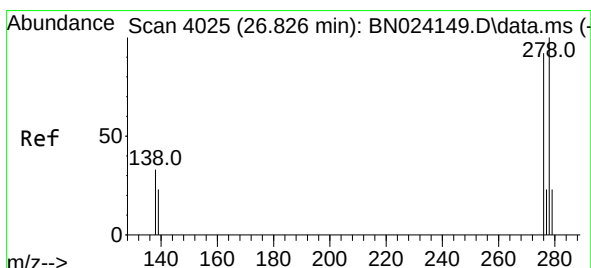
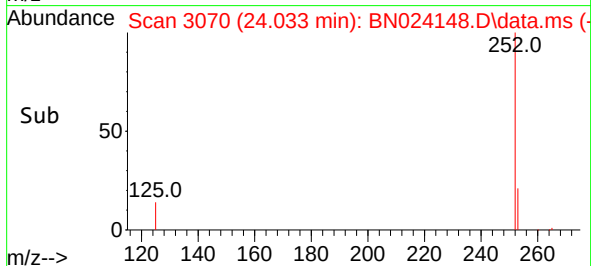
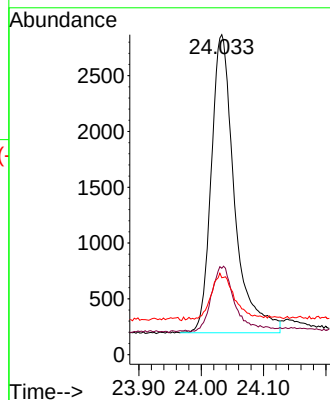
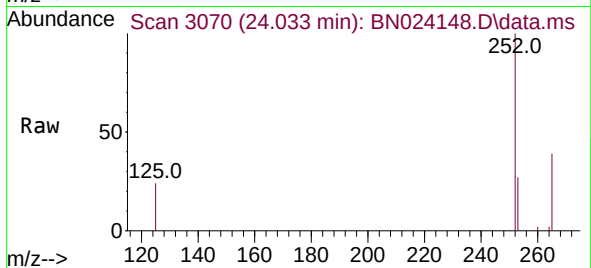
SSTDICC0.2

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 6924 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 27.0  | 19.3  | 28.9 |
| 125       | 24.0  | 15.4  | 23.2 |

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/08/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.162 ng

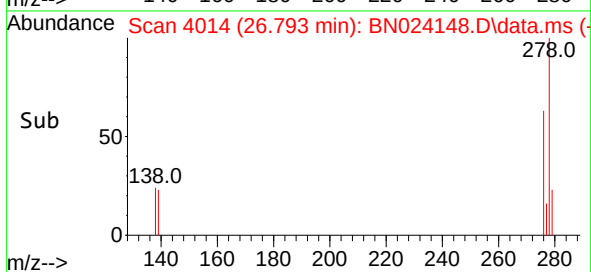
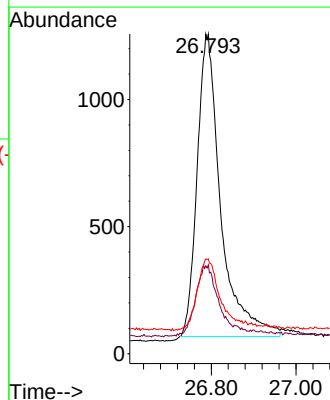
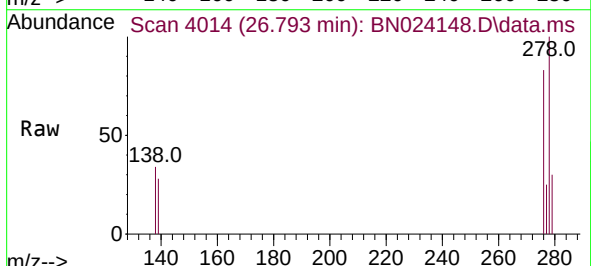
RT: 26.793 min Scan# 4014

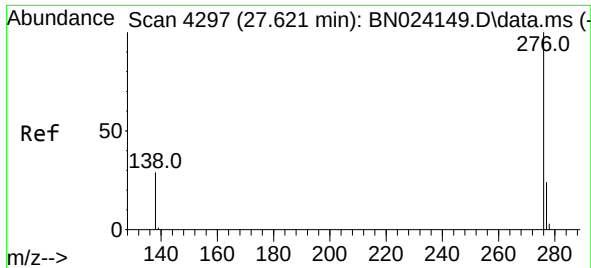
Delta R.T. -0.033 min

Lab File: BN024148.D

Acq: 07 Mar 2023 16:53

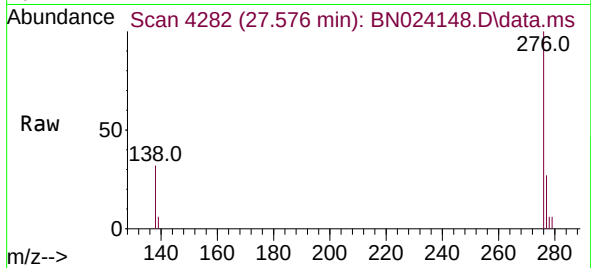
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 4600 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 27.8  | 20.3  | 30.5 |
| 279       | 29.7  | 21.3  | 31.9 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.180 ng  
RT: 27.576 min Scan# 41  
Delta R.T. -0.045 min  
Lab File: BN024148.D  
Acq: 07 Mar 2023 16:53

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2



Tgt Ion:276 Resp: 6594  
Ion Ratio Lower Upper  
276 100  
277 27.1 20.4 30.6  
138 32.4 24.9 37.3

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Supervised By :Jagrut Upadhyay 03/08/2023

