

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071522\  
 Data File : BN020748.D  
 Acq On : 15 Jul 2022 15:57  
 Operator : CG/JU  
 Sample : PB146246BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB146246BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022  
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 03:23:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 16 03:21:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.818  | 152  | 2479     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.616 | 136  | 9384     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.463 | 164  | 5914     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 10925    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.431 | 240  | 11519    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.785 | 264  | 9791     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 2302     | 0.335 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.017  | 99   | 2484     | 0.302 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 2312     | 0.304 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.219 | 152  | 5588     | 0.347 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 559      | 0.251 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 8151     | 0.334 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.261 | 212  | 13265    | 0.409 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 9365     | 0.340 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.254  | 88   | 1236m    | 0.380 | ng    |          |
| 3) n-Nitrosodimethylamine     | 3.601  | 42   | 1064     | 0.359 | ng    | # 93     |
| 6) bis(2-Chloroethyl)ether    | 7.248  | 93   | 2247     | 0.318 | ng    | 96       |
| 9) Naphthalene                | 10.669 | 128  | 9788     | 0.349 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.957 | 225  | 1707     | 0.334 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.291 | 142  | 6654     | 0.357 | ng    | 98       |
| 16) Acenaphthylene            | 14.185 | 152  | 9046     | 0.318 | ng    | 98       |
| 17) Acenaphthene              | 14.527 | 154  | 6791     | 0.351 | ng    | 96       |
| 18) Fluorene                  | 15.522 | 166  | 8797     | 0.349 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198  | 377      | 0.401 | ng    | # 54     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 2164     | 0.341 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.538 | 284  | 2592     | 0.369 | ng    | 97       |
| 23) Atrazine                  | 16.692 | 200  | 1425     | 0.285 | ng    | 97       |
| 24) Pentachlorophenol         | 16.887 | 266  | 536      | 0.421 | ng    | 98       |
| 25) Phenanthrene              | 17.267 | 178  | 11933    | 0.324 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 10154    | 0.320 | ng    | 100      |
| 28) Fluoranthene              | 19.291 | 202  | 16993    | 0.423 | ng    | 99       |
| 30) Pyrene                    | 19.657 | 202  | 17324    | 0.355 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.413 | 228  | 12441    | 0.302 | ng    | 97       |
| 33) Chrysene                  | 21.467 | 228  | 16495    | 0.362 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 7011     | 0.302 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.217 | 276  | 14151    | 0.324 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.068 | 252  | 14162    | 0.375 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.115 | 252  | 14399    | 0.359 | ng    | 95       |
| 39) Benzo(a)pyrene            | 23.682 | 252  | 11206    | 0.343 | ng    | # 88     |
| 40) Dibenzo(a,h)anthracene    | 26.235 | 278  | 10942    | 0.313 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.957 | 276  | 12328    | 0.323 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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





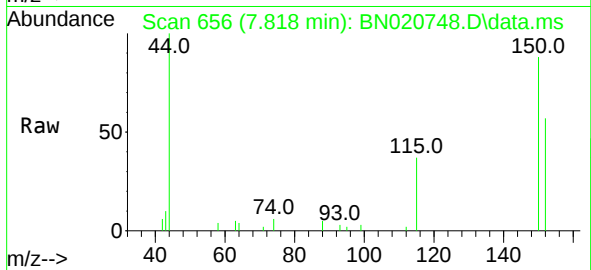
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.818 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN020748.D  
 Acq: 15 Jul 2022 15:57

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BNA\_N

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PB146246BS

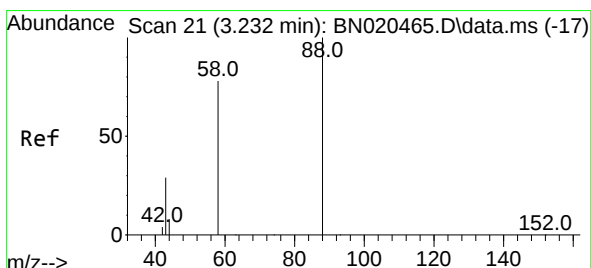
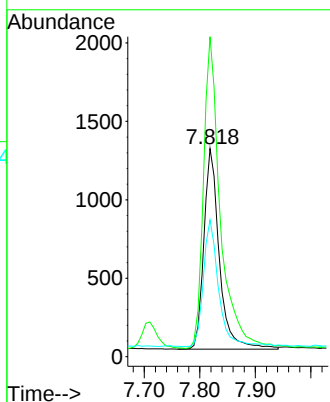
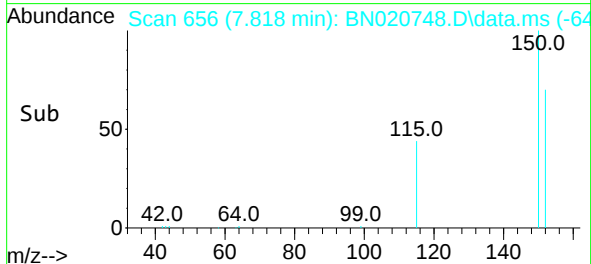


Tgt Ion: 152 Resp: 2479  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 127.9 191.9  
 115 65.7 51.4 77.2

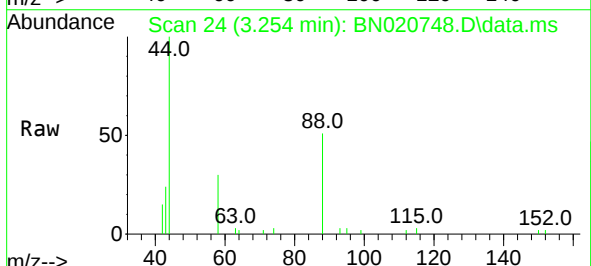
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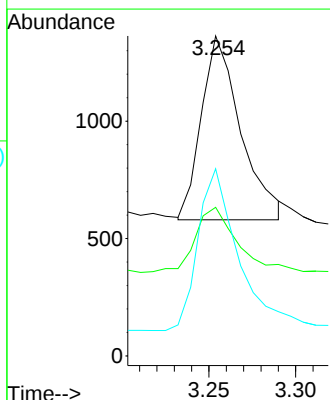
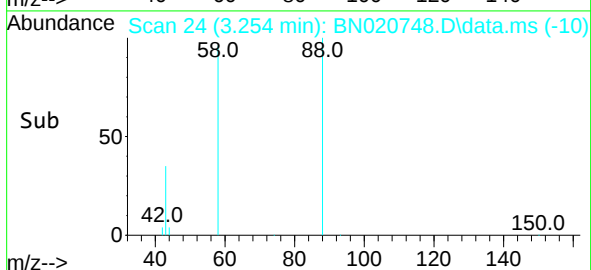
Reviewed By : Christian Giraldo 07/18/2022  
 Supervised By : Jagrut Upadhyay 07/18/2022



#2  
 1,4-Dioxane  
 Concen: 0.380 ng m  
 RT: 3.254 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN020748.D  
 Acq: 15 Jul 2022 15:57



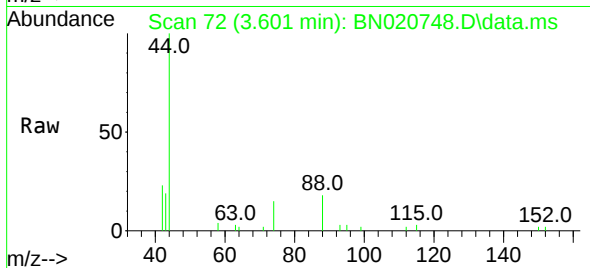
Tgt Ion: 88 Resp: 1236  
 Ion Ratio Lower Upper  
 88 100  
 43 36.1 30.2 45.2  
 58 88.9 73.0 109.6





#3  
n-Nitrosodimethylamine  
Concen: 0.359 ng  
RT: 3.601 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

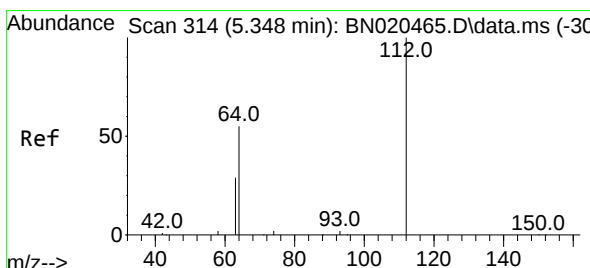
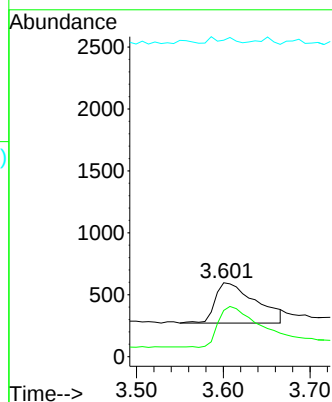
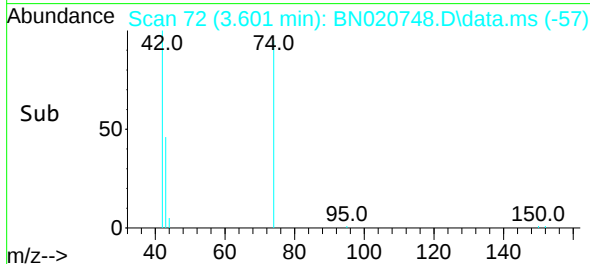
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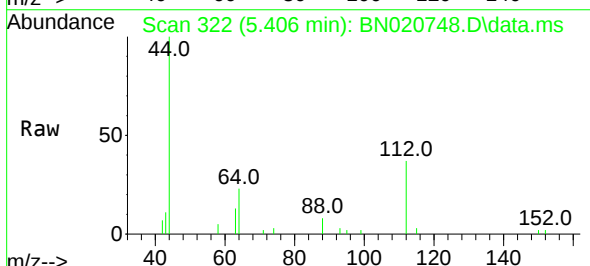
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Ion Ratio Lower Upper  
42 100  
74 100.8 84.0 126.0  
44 0.0 9.8 14.8

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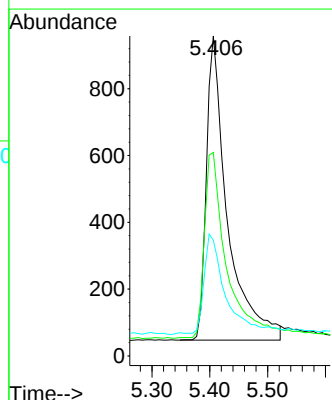
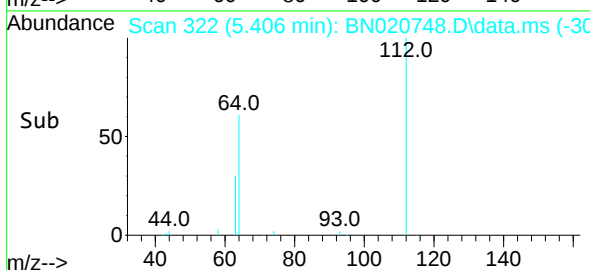
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#4  
2-Fluorophenol  
Concen: 0.335 ng  
RT: 5.406 min Scan# 322  
Delta R.T. 0.007 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



Tgt Ion:112 Resp: 2302  
Ion Ratio Lower Upper  
112 100  
64 64.5 49.1 73.7  
63 32.8 26.3 39.5





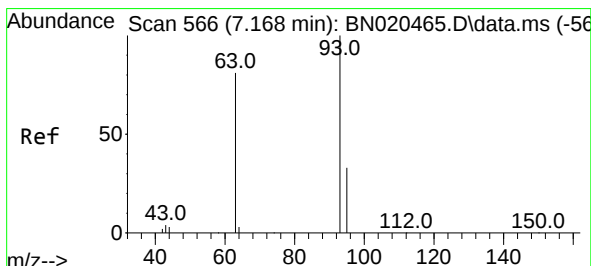
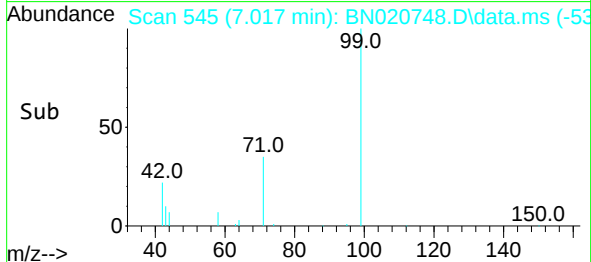
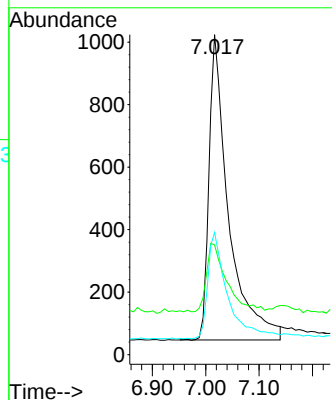
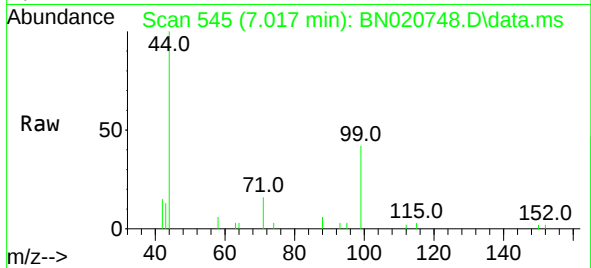
#5  
Phenol-d6  
Concen: 0.302 ng  
RT: 7.017 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS

Tgt Ion: 99 Resp: 2484  
Ion Ratio Lower Upper  
99 100  
42 23.0 19.3 28.9  
71 35.4 27.5 41.3

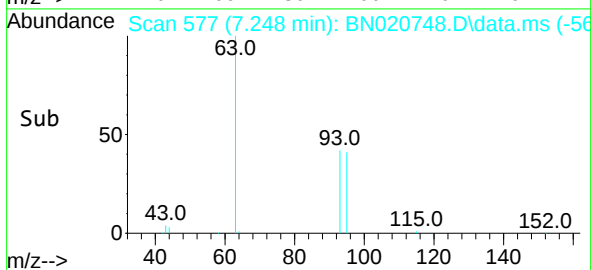
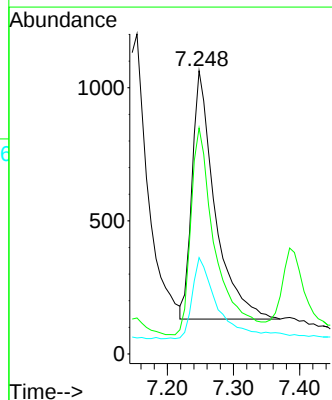
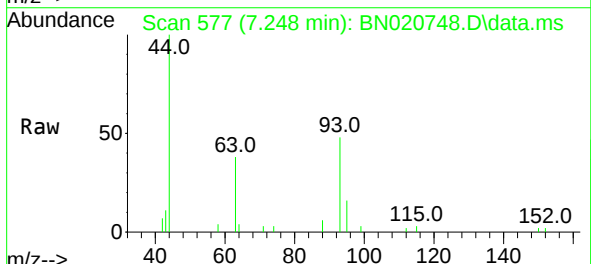
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Supervised By :Jagrut Upadhyay 07/18/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.318 ng  
RT: 7.248 min Scan# 577  
Delta R.T. 0.007 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

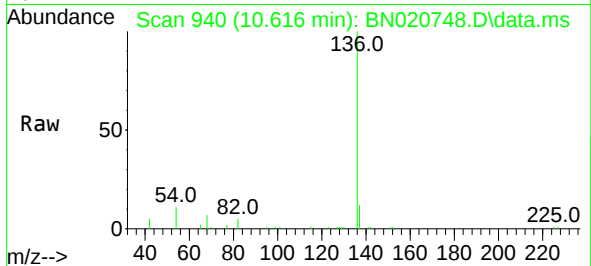
Tgt Ion: 93 Resp: 2247  
Ion Ratio Lower Upper  
93 100  
63 88.3 67.4 101.0  
95 34.5 26.5 39.7





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.616 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

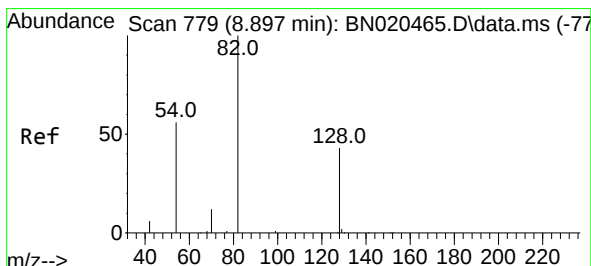
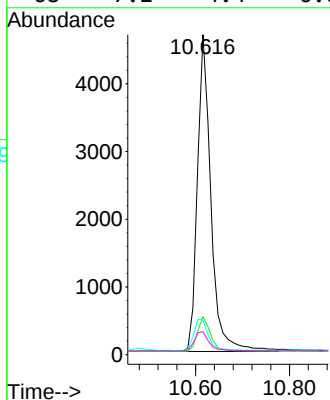
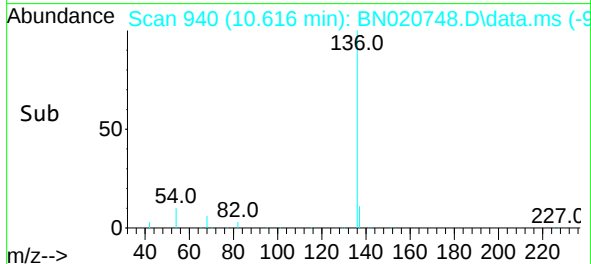
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:136 Resp: 9384  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.0 13.6  
54 10.8 6.2 9.2  
68 7.2 4.4 6.6#

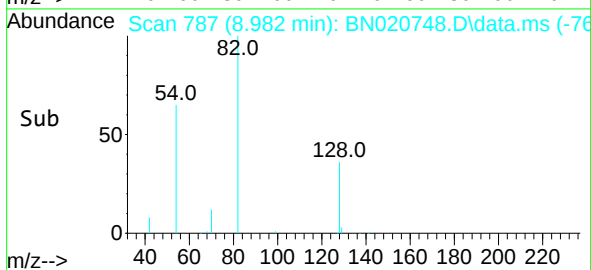
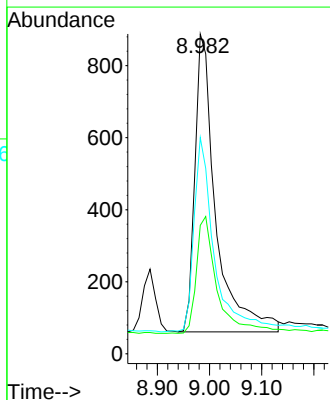
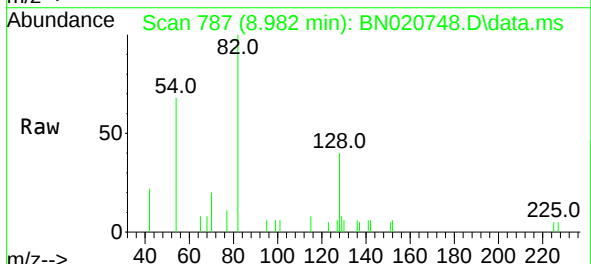
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Supervised By :Jagrut Upadhyay 07/18/2022



#8  
Nitrobenzene-d5  
Concen: 0.304 ng  
RT: 8.982 min Scan# 787  
Delta R.T. 0.011 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

Tgt Ion: 82 Resp: 2312  
Ion Ratio Lower Upper  
82 100  
128 40.2 35.0 52.6  
54 67.6 46.2 69.4





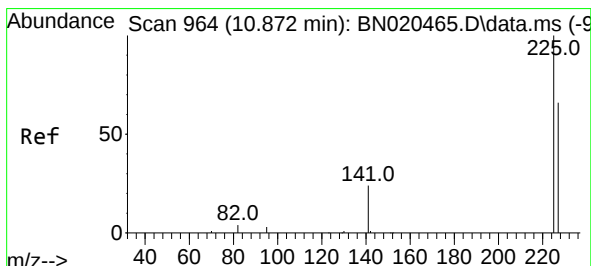
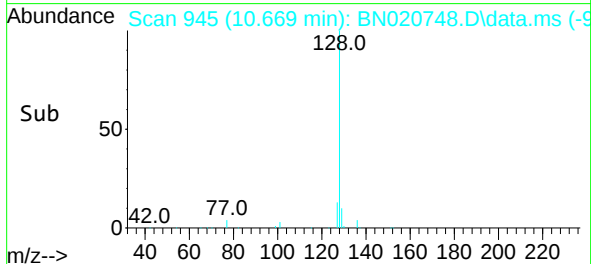
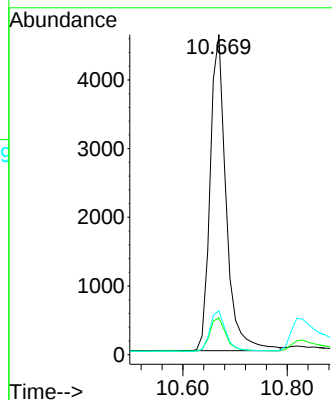
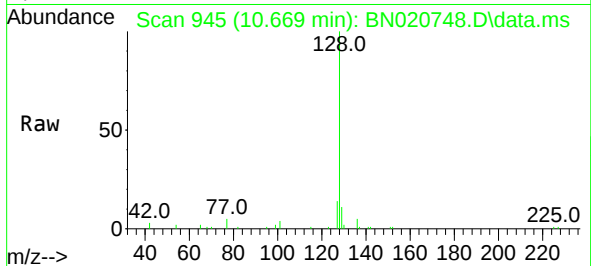
#9  
Naphthalene  
Concen: 0.349 ng  
RT: 10.669 min Scan# 945  
Delta R.T. 0.011 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

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BNA\_N  
ClientSampleId :  
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Tgt Ion:128 Resp: 978  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.9 13.3  
127 13.7 10.8 16.2

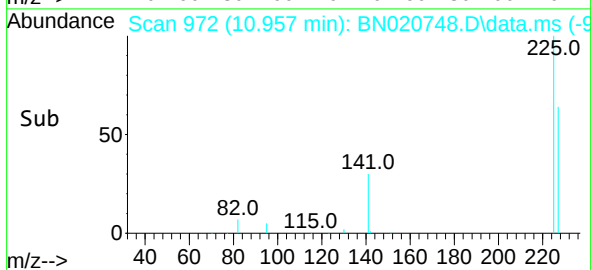
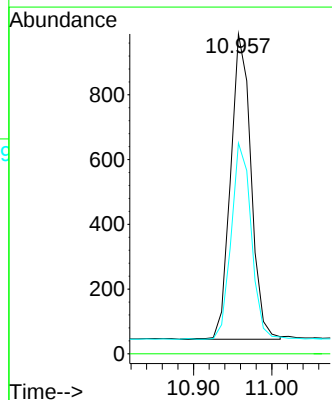
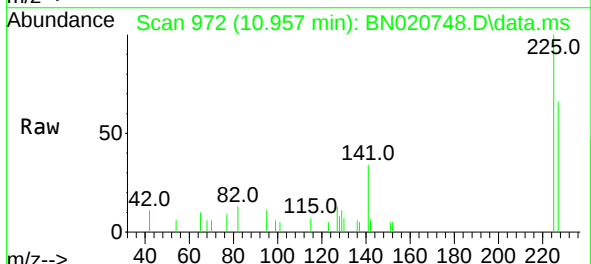
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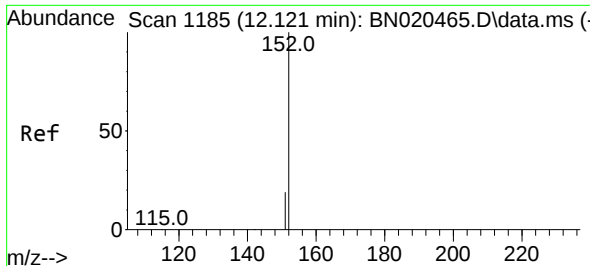
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#10  
Hexachlorobutadiene  
Concen: 0.334 ng  
RT: 10.957 min Scan# 972  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

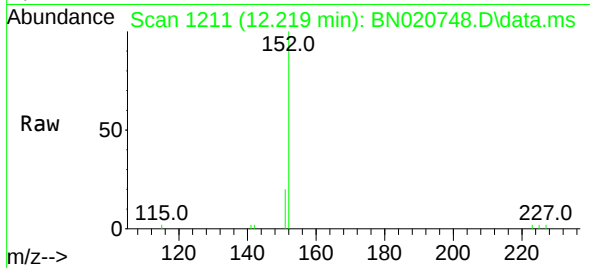
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.2 50.9 76.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.347 ng  
RT: 12.219 min Scan# 1185  
Delta R.T. 0.008 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

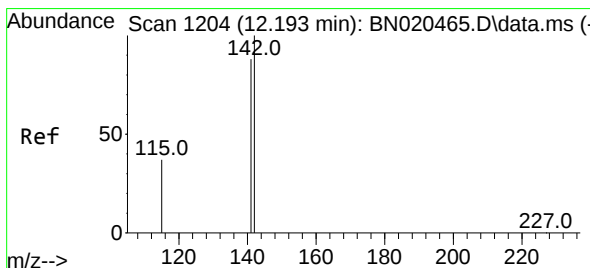
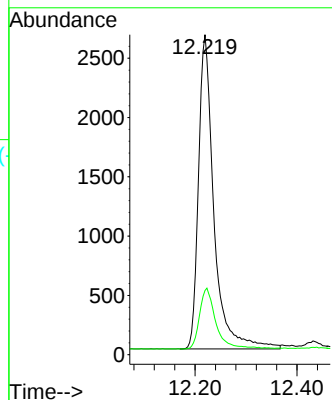
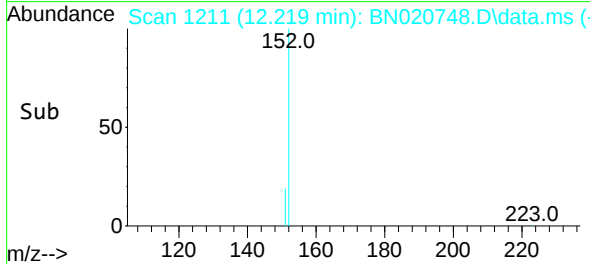
Instrument :  
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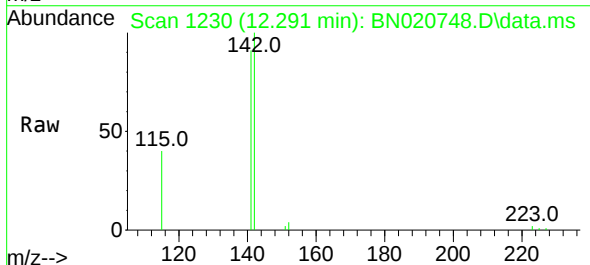
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Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4

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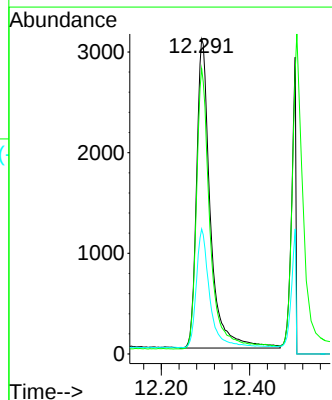
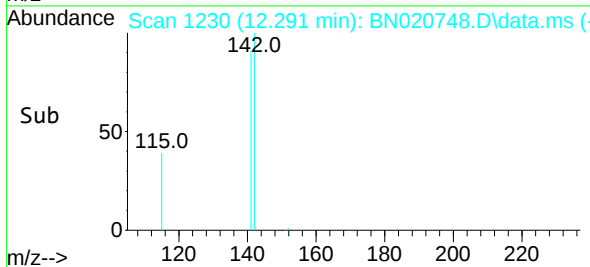
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

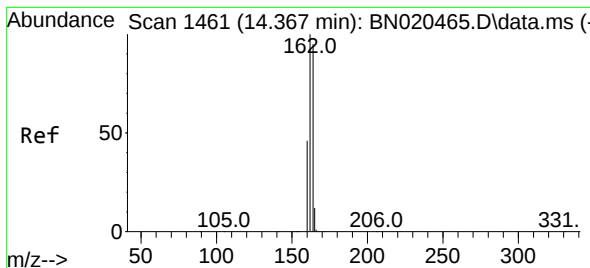


#12  
2-Methylnaphthalene  
Concen: 0.357 ng  
RT: 12.291 min Scan# 1230  
Delta R.T. 0.004 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



Tgt Ion:142 Resp: 6654  
Ion Ratio Lower Upper  
142 100  
141 90.6 71.6 107.4  
115 39.7 29.8 44.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.463 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN020748.D

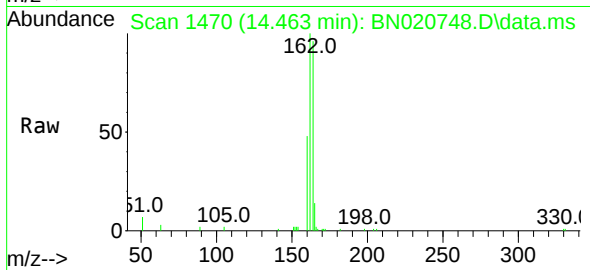
Acq: 15 Jul 2022 15:57

Instrument :

BNA\_N

ClientSampleId :

PB146246BS



Tgt Ion:164 Resp: 5914

Ion Ratio Lower Upper

164 100

162 103.9 82.1 123.1

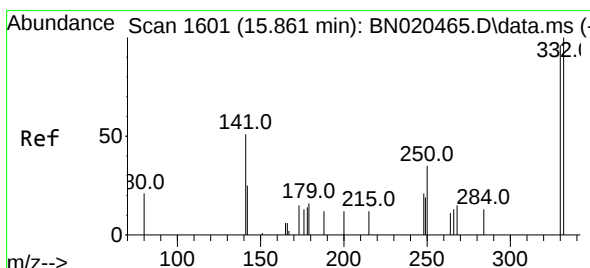
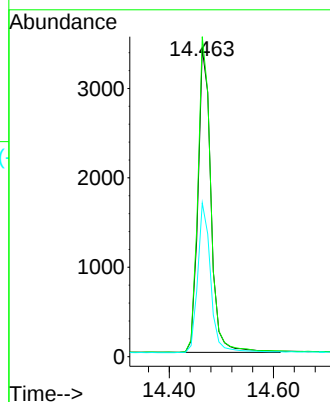
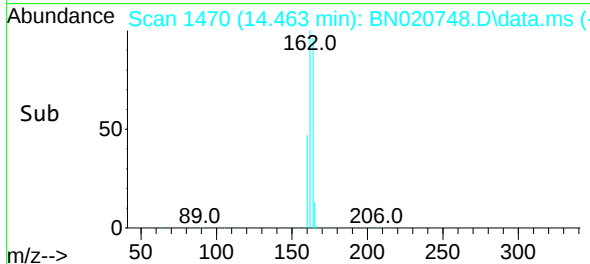
160 49.9 38.6 58.0

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.251 ng

RT: 15.974 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BN020748.D

Acq: 15 Jul 2022 15:57

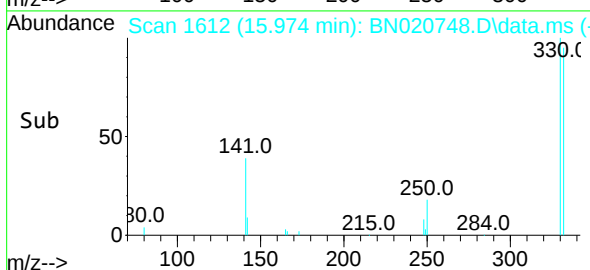
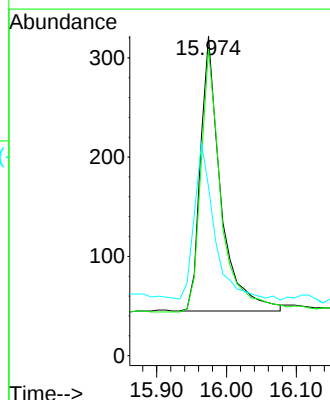
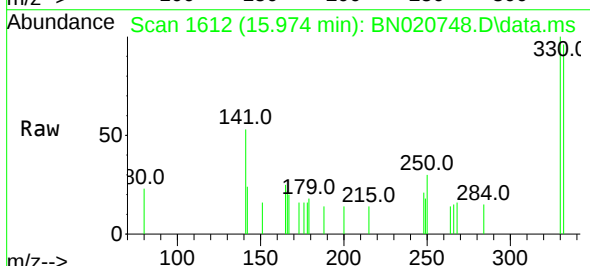
Tgt Ion:330 Resp: 559

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

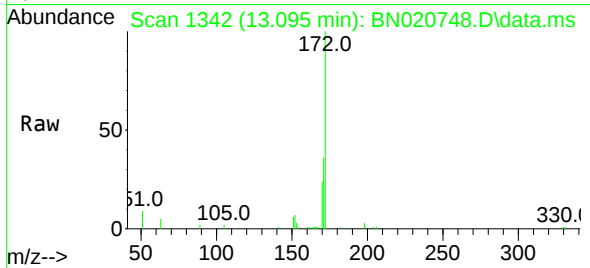
141 56.9 41.0 61.4





#15  
2-Fluorobiphenyl  
Concen: 0.334 ng  
RT: 13.095 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

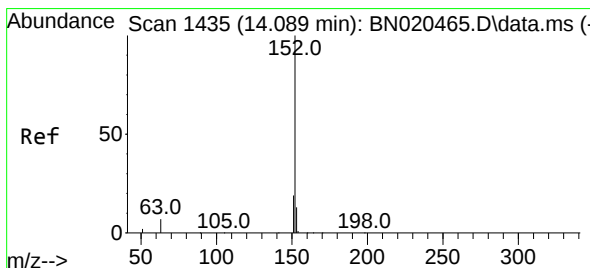
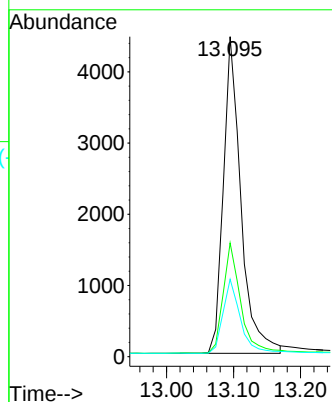
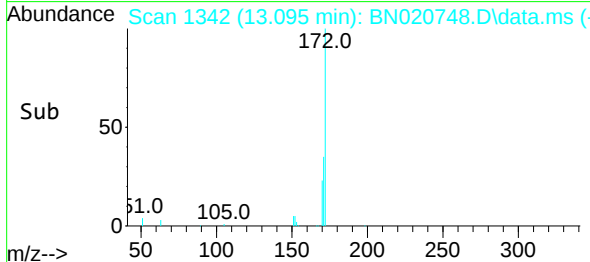
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



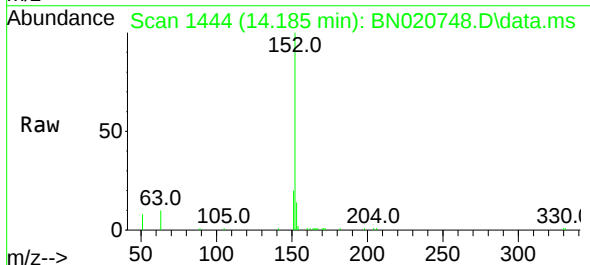
Tgt Ion:172 Resp: 815  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.2 40.8  
170 24.2 18.2 27.4

Manual Integrations  
APPROVED

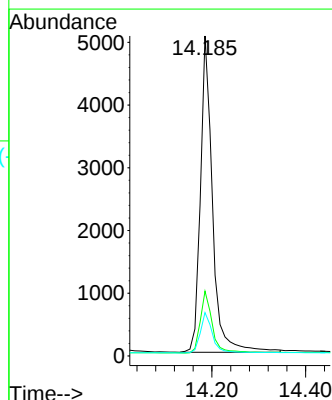
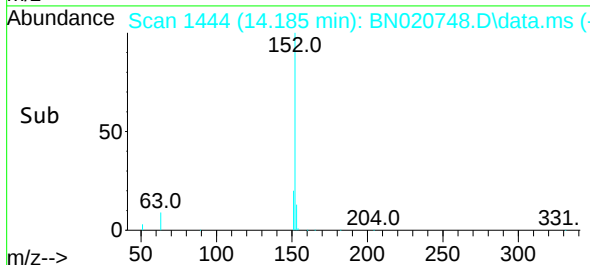
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#16  
Acenaphthylene  
Concen: 0.318 ng  
RT: 14.185 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



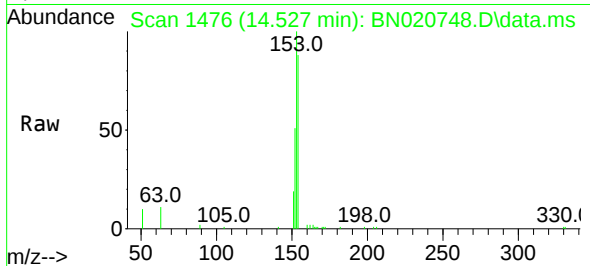
Tgt Ion:152 Resp: 9046  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.4  
153 13.0 10.7 16.1





#17  
Acenaphthene  
Concen: 0.351 ng  
RT: 14.527 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

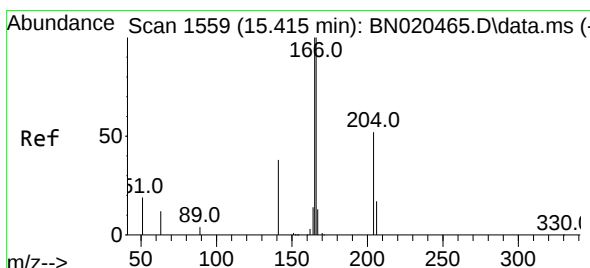
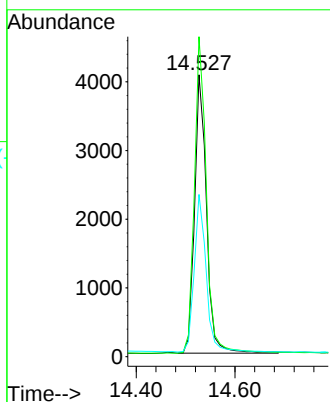
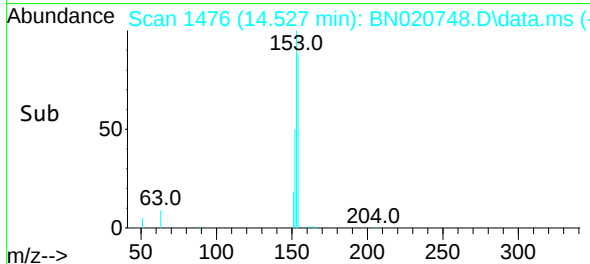
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



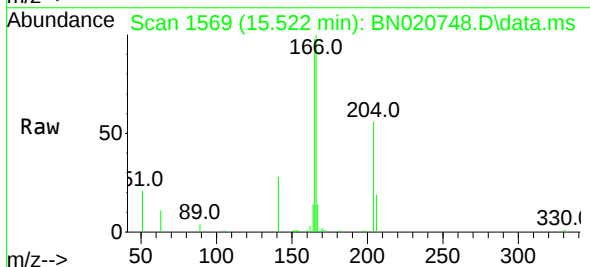
Tgt Ion:154 Resp: 679  
Ion Ratio Lower Upper  
154 100  
153 113.6 87.5 131.3  
152 56.6 43.8 65.6

Manual Integrations  
APPROVED

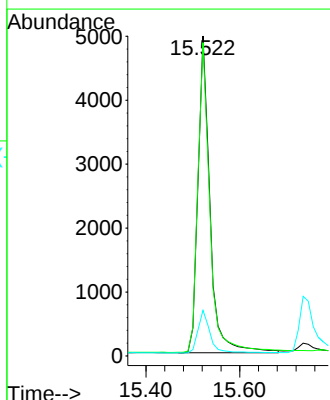
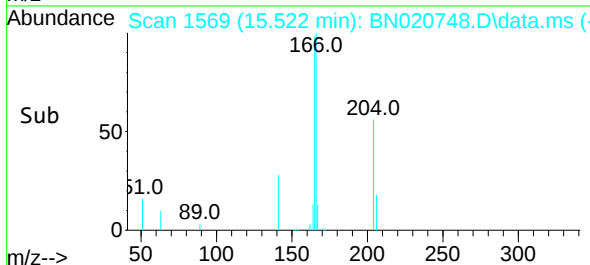
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022

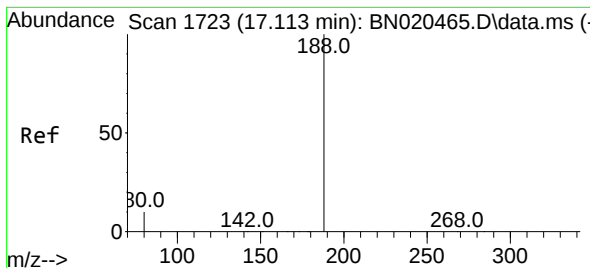


#18  
Fluorene  
Concen: 0.349 ng  
RT: 15.522 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



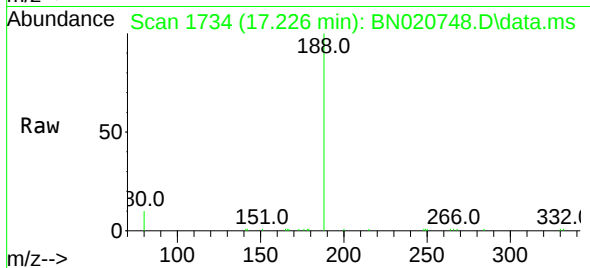
Tgt Ion:166 Resp: 8797  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.6 118.0  
167 13.5 10.8 16.2





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

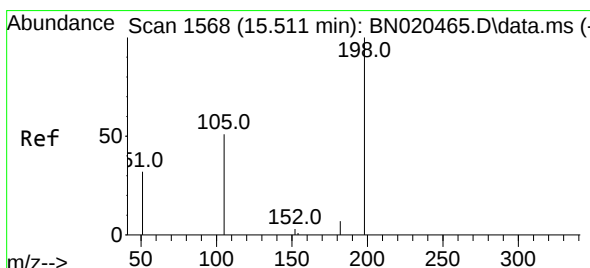
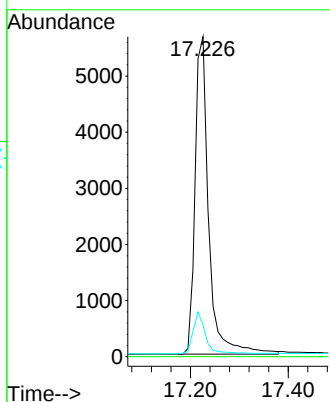
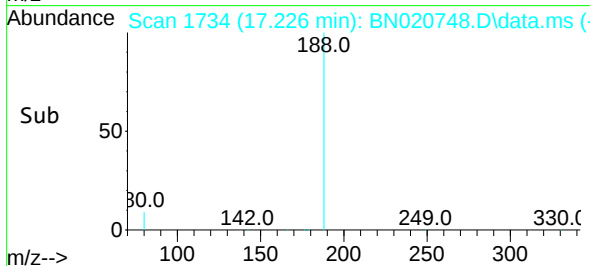
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



Tgt Ion:188 Resp: 1092  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.9 7.4 11.2

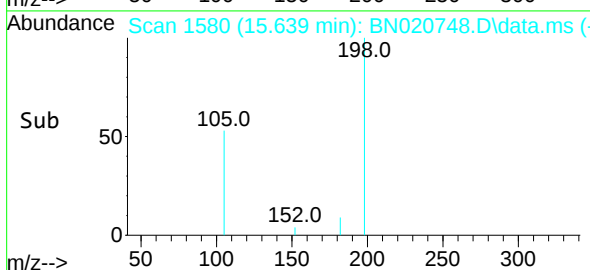
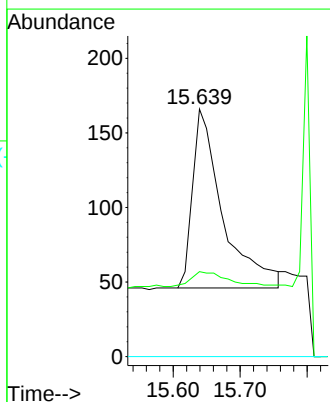
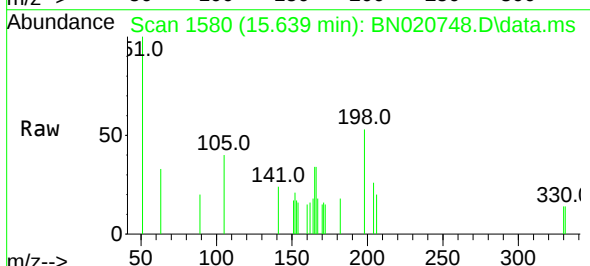
Manual Integrations  
APPROVED

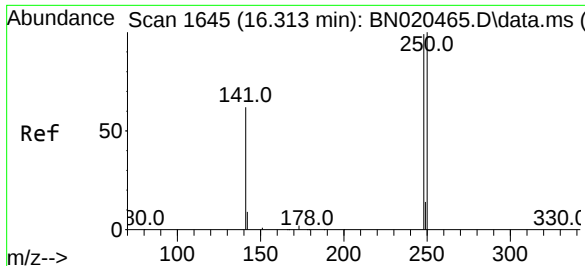
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.401 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.011 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

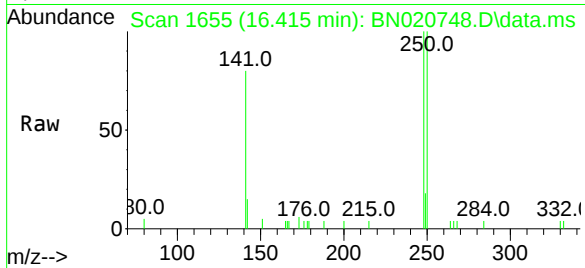
Tgt Ion:198 Resp: 377  
Ion Ratio Lower Upper  
198 100  
182 34.3 12.1 18.1#  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.341 ng  
RT: 16.415 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

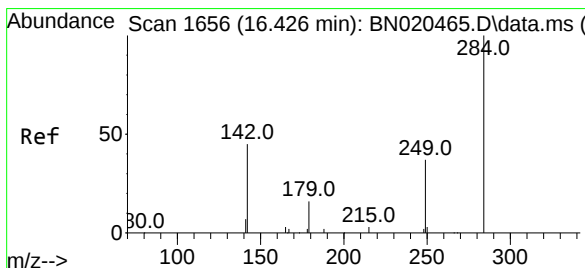
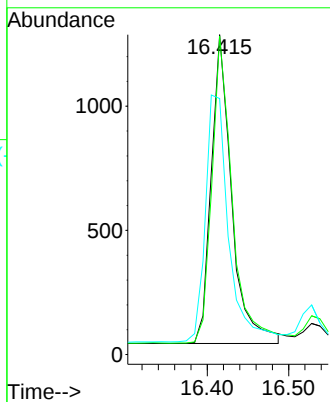
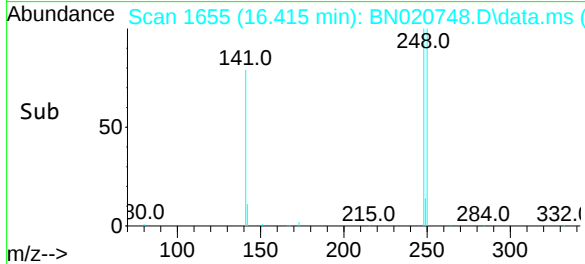
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



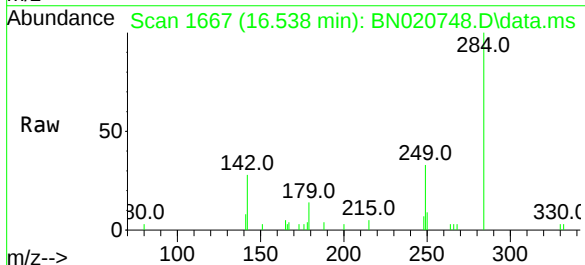
Tgt Ion:248 Resp: 2164  
Ion Ratio Lower Upper  
248 100  
250 99.6 75.3 112.9  
141 80.0 67.3 100.9

Manual Integrations  
APPROVED

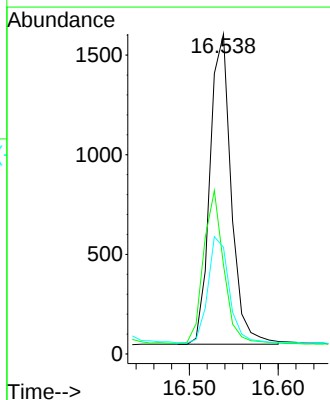
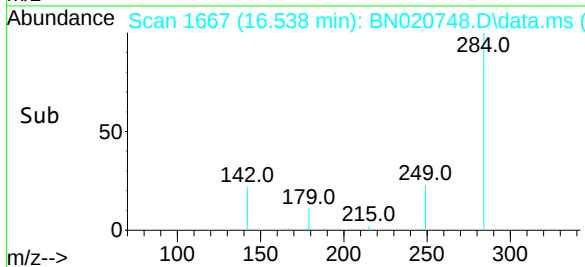
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#22  
Hexachlorobenzene  
Concen: 0.369 ng  
RT: 16.538 min Scan# 1667  
Delta R.T. 0.010 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



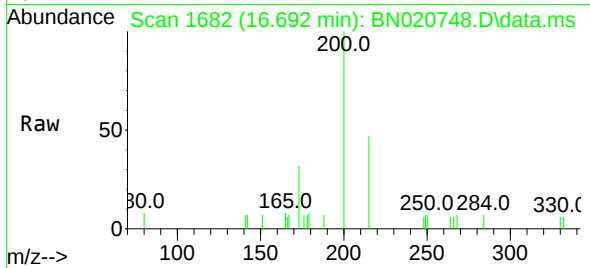
Tgt Ion:284 Resp: 2592  
Ion Ratio Lower Upper  
284 100  
142 46.3 35.2 52.8  
249 34.1 26.6 40.0





#23  
Atrazine  
Concen: 0.285 ng  
RT: 16.692 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

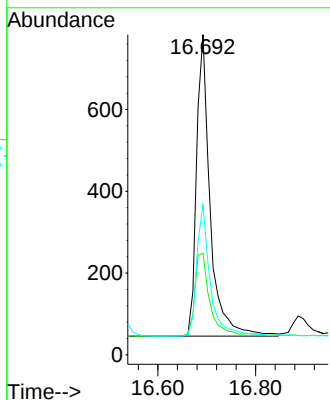
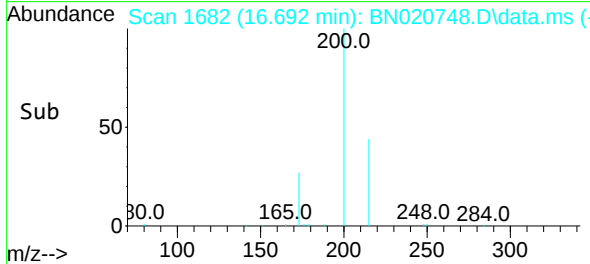
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



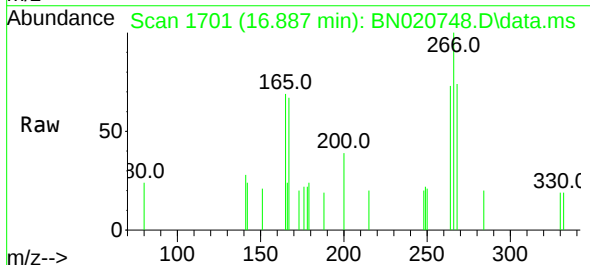
Tgt Ion:200 Resp: 142  
Ion Ratio Lower Upper  
200 100  
173 31.7 23.6 35.4  
215 46.9 36.6 54.8

Manual Integrations  
APPROVED

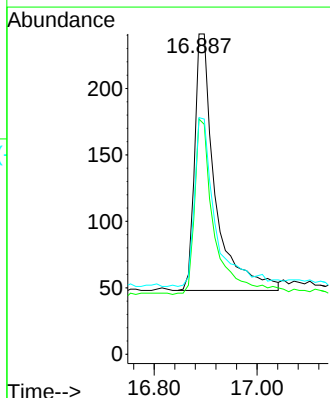
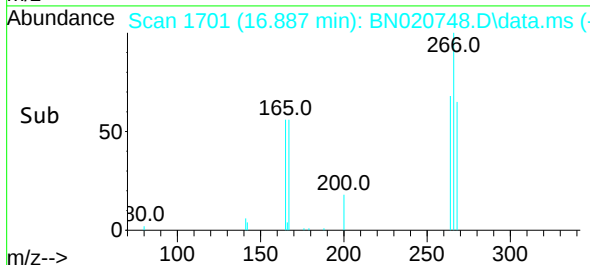
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#24  
Pentachlorophenol  
Concen: 0.421 ng  
RT: 16.887 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



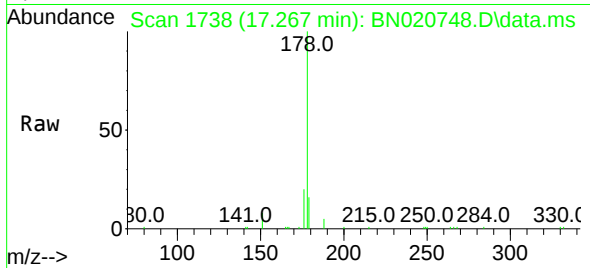
Tgt Ion:266 Resp: 536  
Ion Ratio Lower Upper  
266 100  
264 66.0 51.3 76.9  
268 67.0 52.6 79.0





#25  
Phenanthrene  
Concen: 0.324 ng  
RT: 17.267 min Scan# 1747  
Delta R.T. 0.010 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

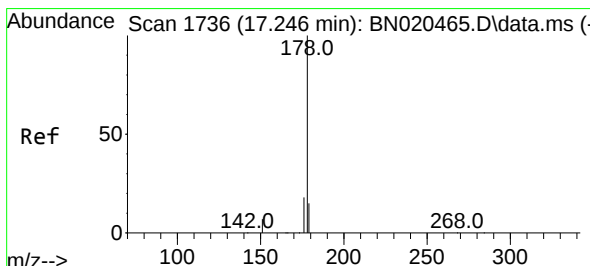
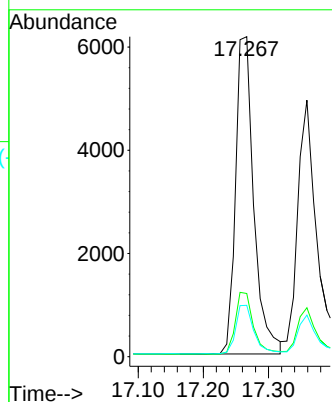
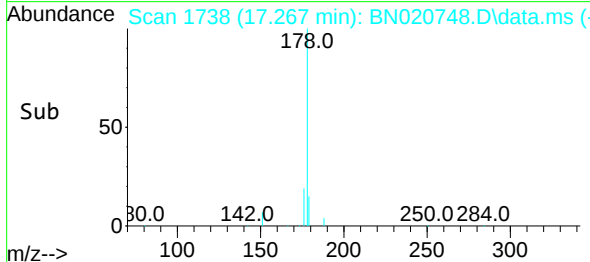
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



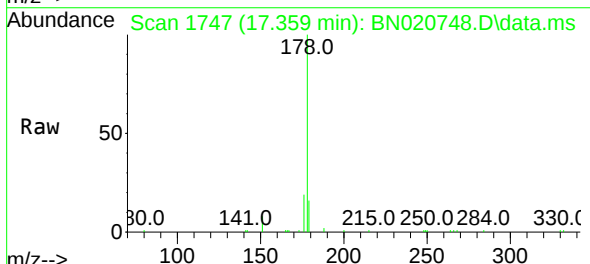
Tgt Ion:178 Resp: 1193  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.4 12.2 18.4

Manual Integrations  
APPROVED

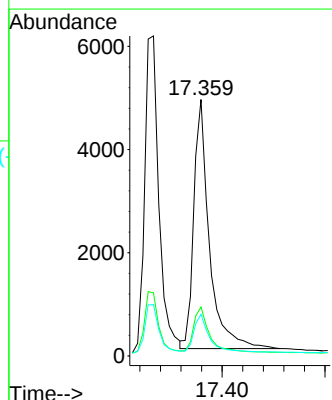
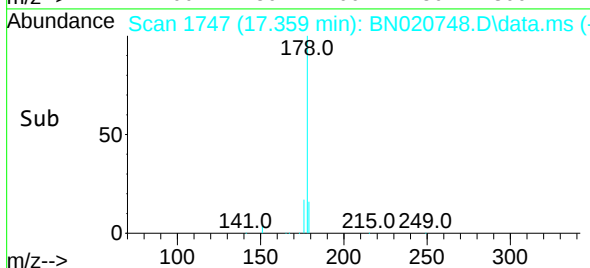
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#26  
Anthracene  
Concen: 0.320 ng  
RT: 17.359 min Scan# 1747  
Delta R.T. 0.010 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



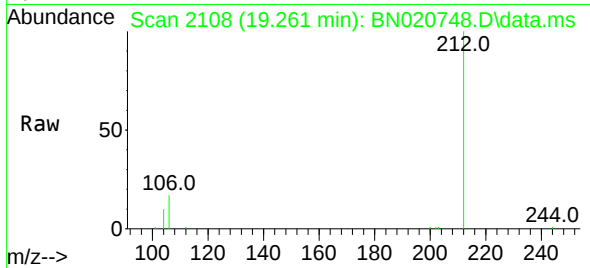
Tgt Ion:178 Resp: 10154  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.3 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.409 ng  
RT: 19.261 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

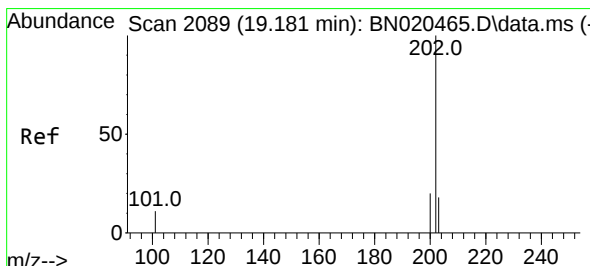
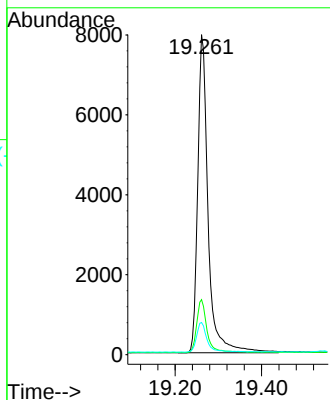
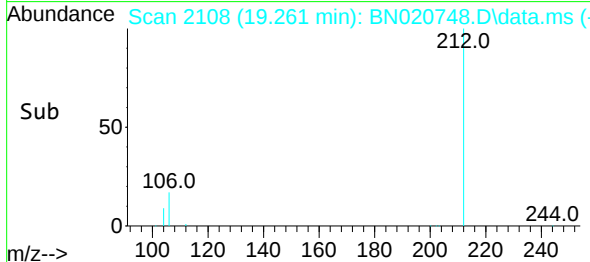
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



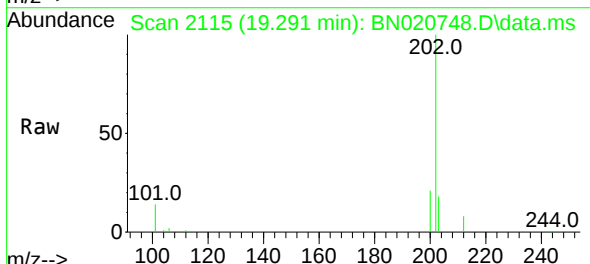
Tgt Ion:212 Resp: 1326  
Ion Ratio Lower Upper  
212 100  
106 16.6 12.6 19.0  
104 9.4 7.2 10.8

Manual Integrations  
APPROVED

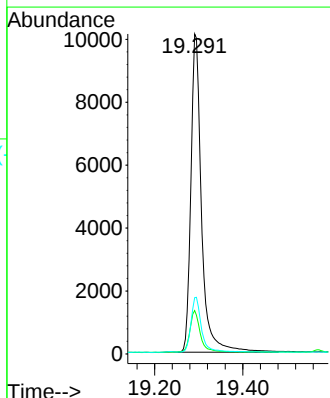
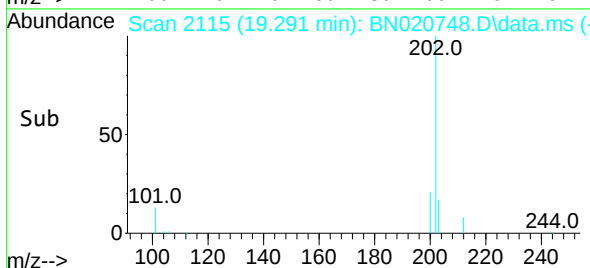
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#28  
Fluoranthene  
Concen: 0.423 ng  
RT: 19.291 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



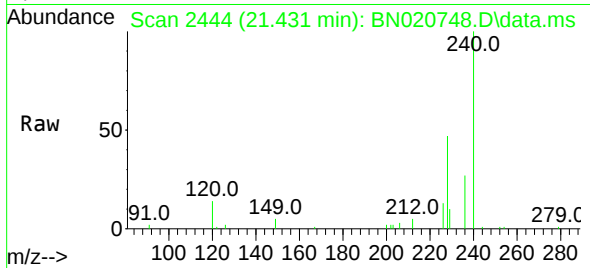
Tgt Ion:202 Resp: 16993  
Ion Ratio Lower Upper  
202 100  
101 12.9 9.6 14.4  
203 16.8 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.431 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

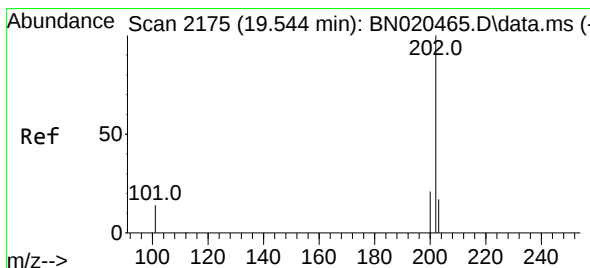
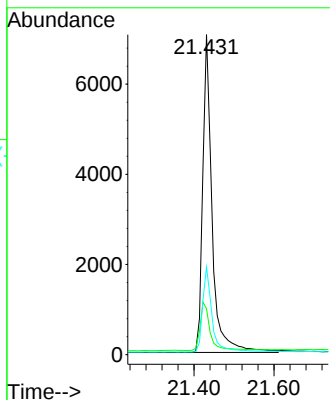
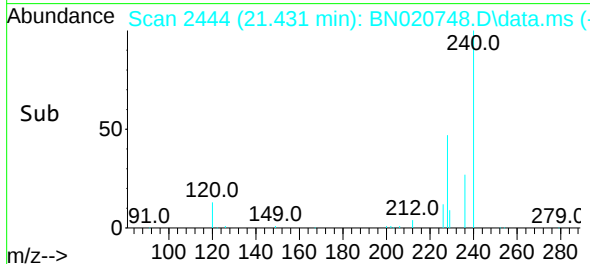
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



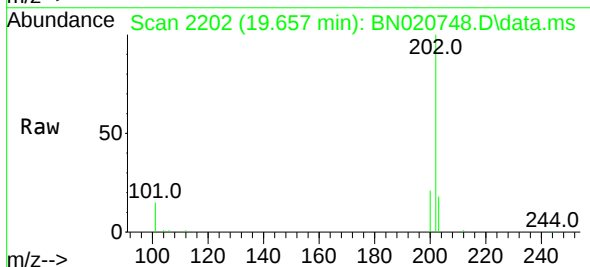
Tgt Ion:240 Resp: 11519  
Ion Ratio Lower Upper  
240 100  
120 14.3 14.6 21.8  
236 27.4 22.6 33.8

Manual Integrations  
APPROVED

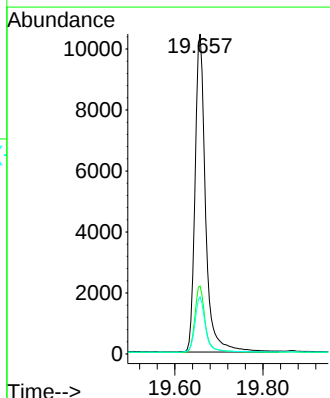
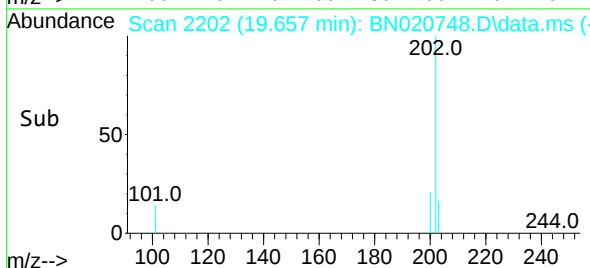
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#30  
Pyrene  
Concen: 0.355 ng  
RT: 19.657 min Scan# 2202  
Delta R.T. 0.004 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



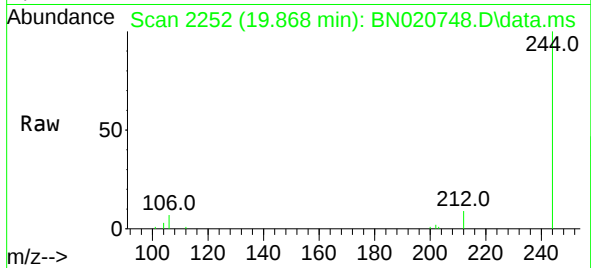
Tgt Ion:202 Resp: 17324  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 25.0  
203 17.3 14.2 21.2





#31  
 Terphenyl-d14  
 Concen: 0.340 ng  
 RT: 19.868 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BN020748.D  
 Acq: 15 Jul 2022 15:57

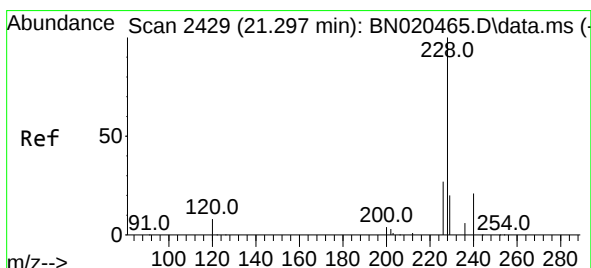
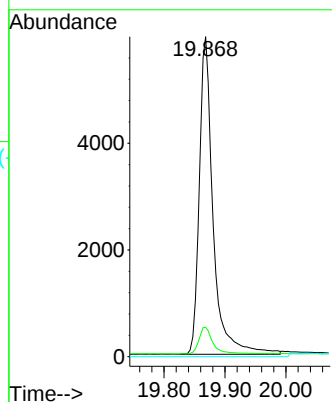
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB146246BS



Tgt Ion:244 Resp: 936  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.1 10.7  
 122 0.0 0.0 0.0

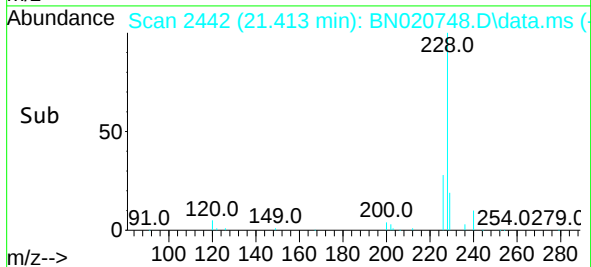
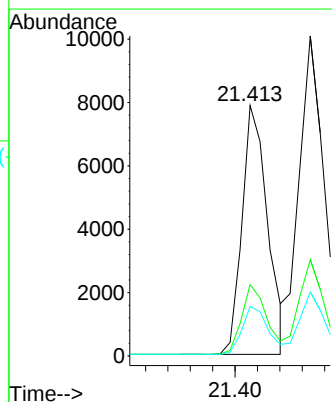
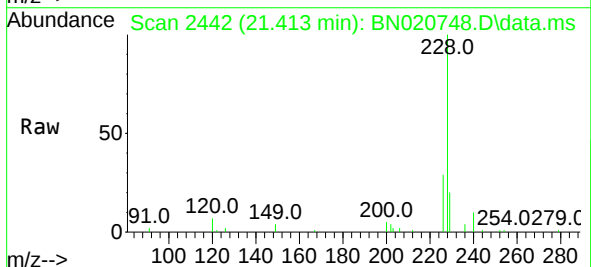
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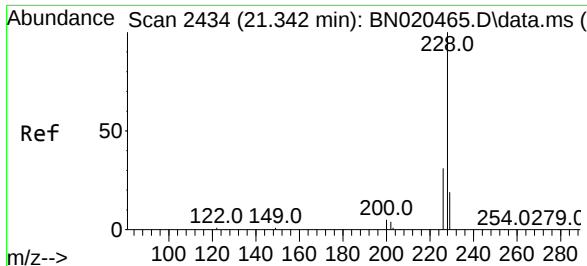
Reviewed By :Christian Giraldo 07/18/2022  
 Supervised By :Jagrut Upadhyay 07/18/2022



#32  
 Benzo(a)anthracene  
 Concen: 0.302 ng  
 RT: 21.413 min Scan# 2442  
 Delta R.T. 0.000 min  
 Lab File: BN020748.D  
 Acq: 15 Jul 2022 15:57

Tgt Ion:228 Resp: 12441  
 Ion Ratio Lower Upper  
 228 100  
 226 28.5 21.2 31.8  
 229 19.8 15.6 23.4





#33

Chrysene

Concen: 0.362 ng

RT: 21.467 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BN020748.D

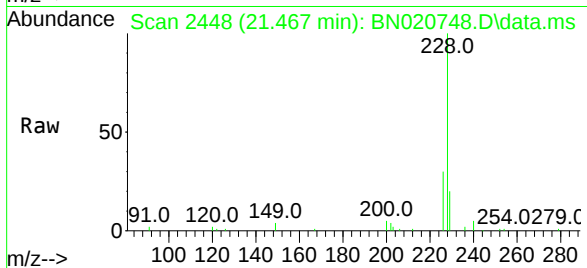
Acq: 15 Jul 2022 15:57

Instrument :

BNA\_N

ClientSampleId :

PB146246BS

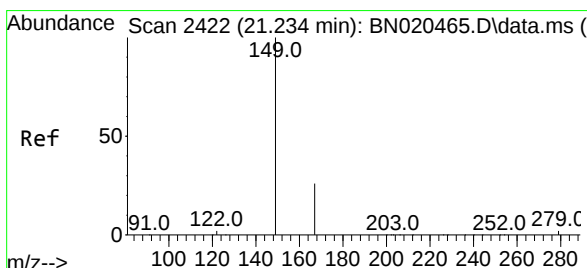
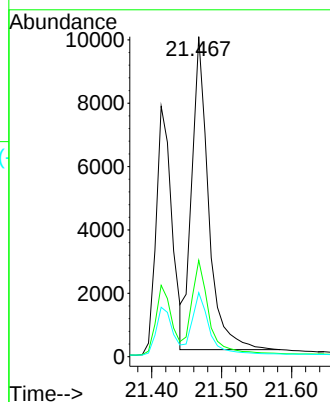


|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 1649 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 30.1  | 23.4  | 35.0 |
| 229       | 20.0  | 15.7  | 23.5 |

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Supervised By :Jagrut Upadhyay 07/18/2022



#34

Bis(2-ethylhexyl)phthalate

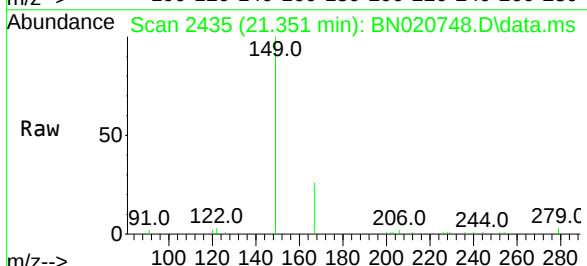
Concen: 0.302 ng

RT: 21.351 min Scan# 2435

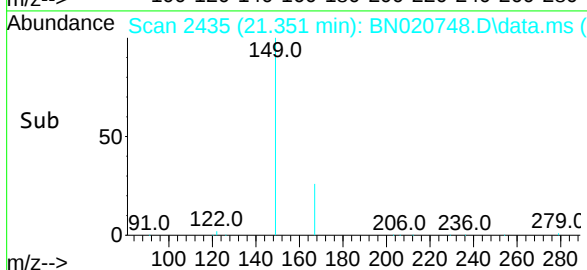
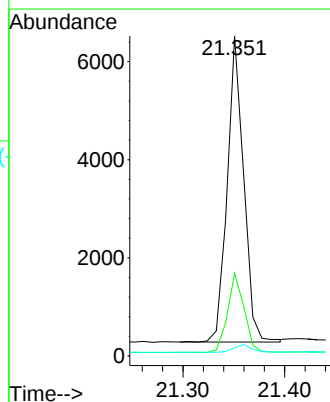
Delta R.T. 0.000 min

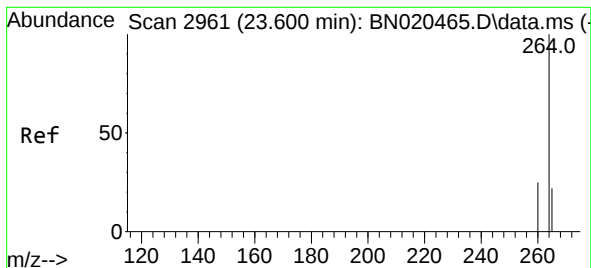
Lab File: BN020748.D

Acq: 15 Jul 2022 15:57



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 7011 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 25.9  | 21.7  | 32.5 |
| 279       | 2.8   | 2.2   | 3.2  |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.785 min Scan# 3024

Delta R.T. 0.006 min

Lab File: BN020748.D

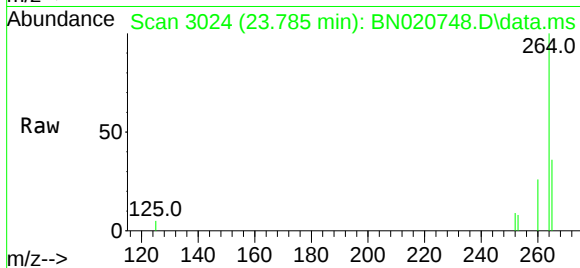
Acq: 15 Jul 2022 15:57

Instrument :

BNA\_N

ClientSampleId :

PB146246BS



Tgt Ion:264 Resp: 979

Ion Ratio Lower Upper

264 100

260 25.9 20.9 31.3

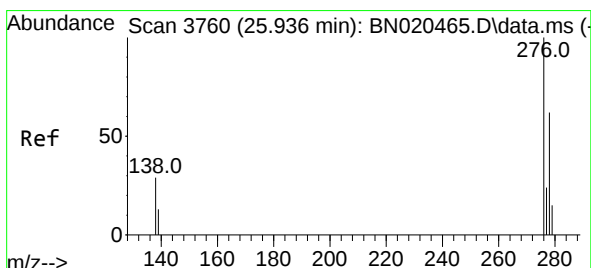
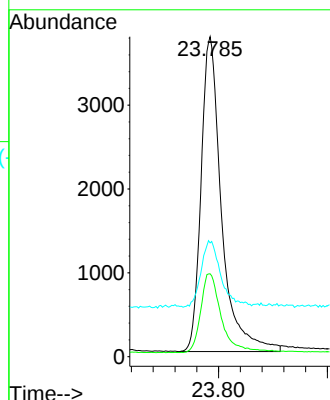
265 35.6 28.0 42.0

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng

RT: 26.217 min Scan# 3856

Delta R.T. 0.000 min

Lab File: BN020748.D

Acq: 15 Jul 2022 15:57

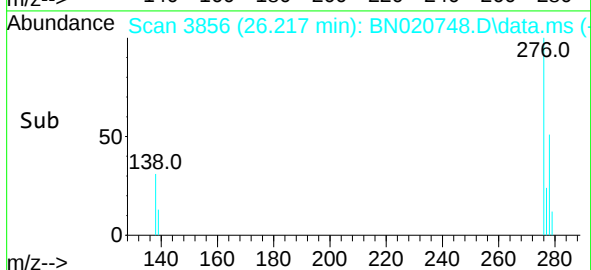
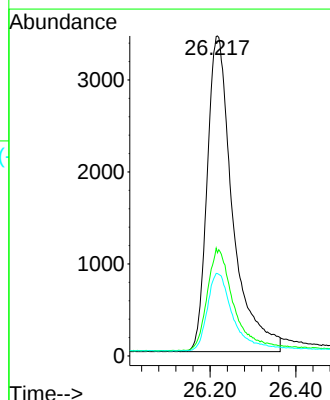
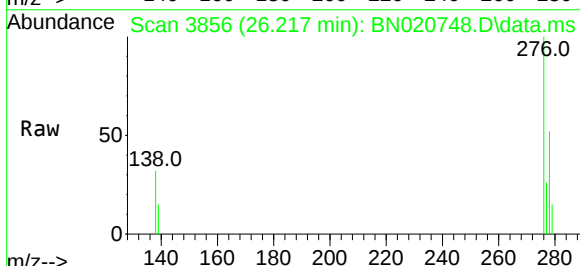
Tgt Ion:276 Resp: 14151

Ion Ratio Lower Upper

276 100

138 32.6 25.9 38.9

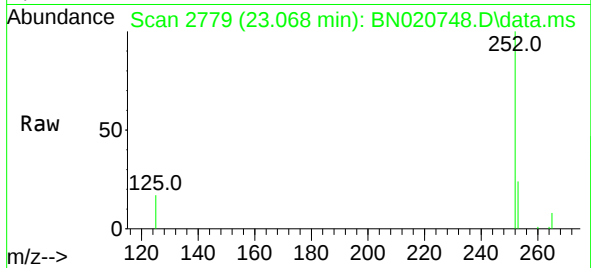
277 24.9 19.8 29.8





#37  
Benzo(b)fluoranthene  
Concen: 0.375 ng  
RT: 23.068 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

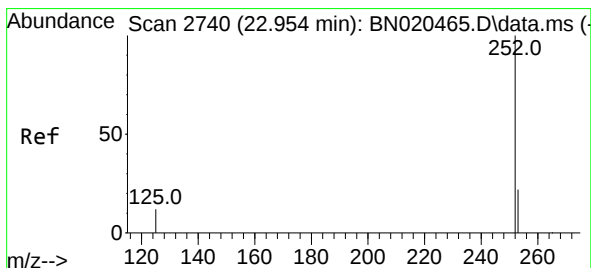
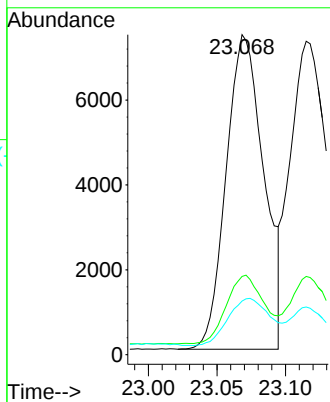
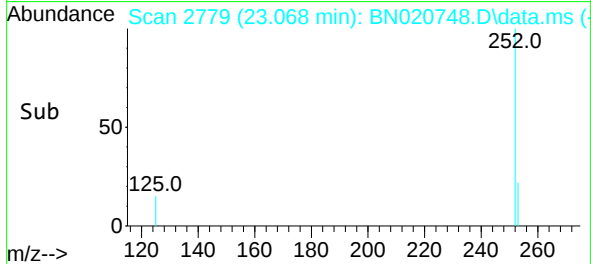
Instrument :  
BNA\_N  
ClientSampleId :  
PB146246BS



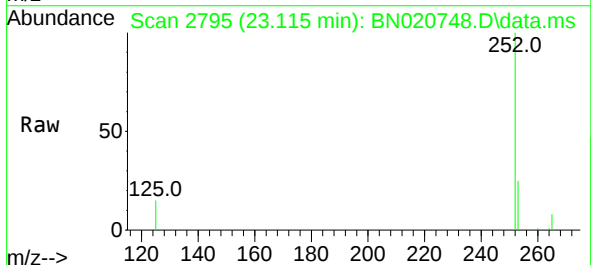
Tgt Ion:252 Resp: 14162  
Ion Ratio Lower Upper  
252 100  
253 24.4 18.5 27.7  
125 16.8 11.4 17.0

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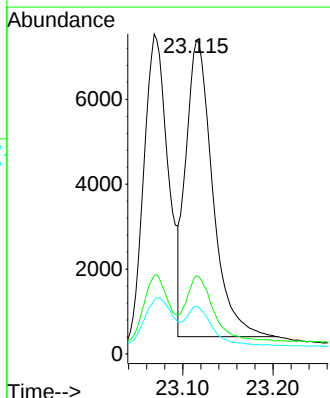
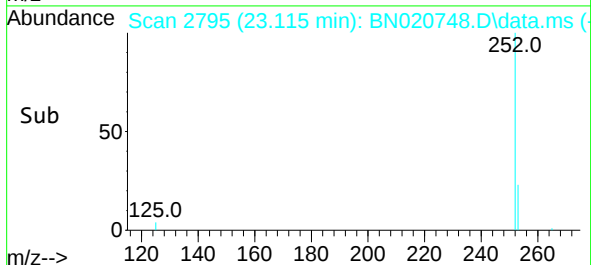
Reviewed By :Christian Giraldo 07/18/2022  
Supervised By :Jagrut Upadhyay 07/18/2022



#38  
Benzo(k)fluoranthene  
Concen: 0.359 ng  
RT: 23.115 min Scan# 2795  
Delta R.T. 0.003 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57



Tgt Ion:252 Resp: 14399  
Ion Ratio Lower Upper  
252 100  
253 25.0 18.0 27.0  
125 15.2 11.0 16.4





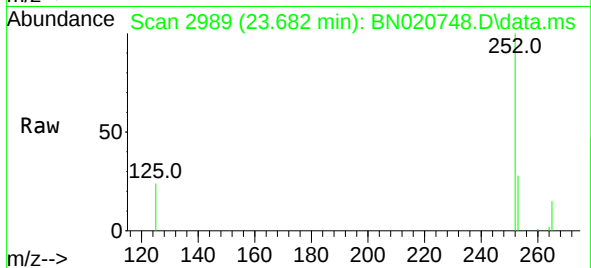
#39  
Benzo(a)pyrene  
Concen: 0.343 ng  
RT: 23.682 min Scan# 2926  
Delta R.T. 0.006 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

Instrument :

BNA\_N

ClientSampleId :

PB146246BS

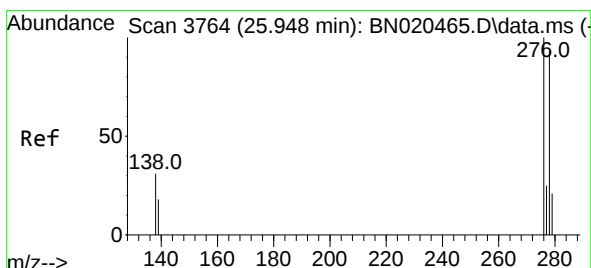
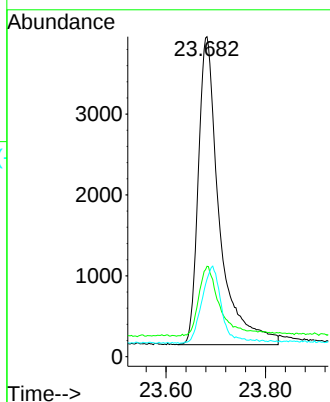
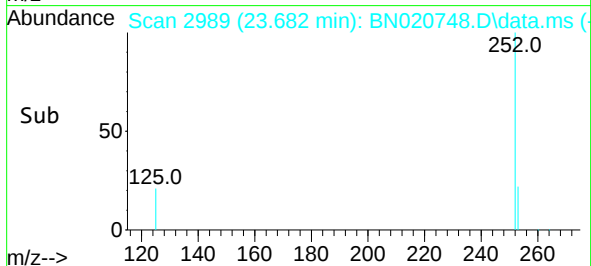


Tgt Ion:252 Resp: 11200  
Ion Ratio Lower Upper  
252 100  
253 28.3 19.0 28.4  
125 24.2 13.8 20.8

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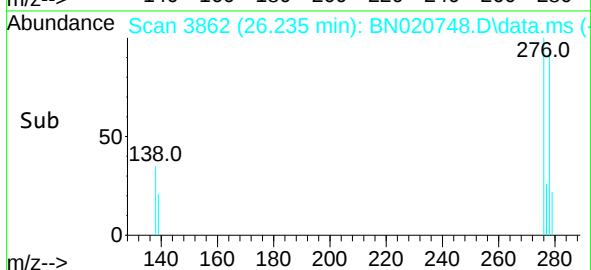
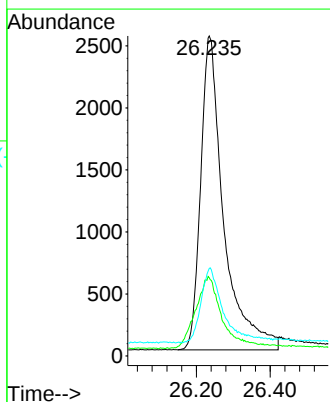
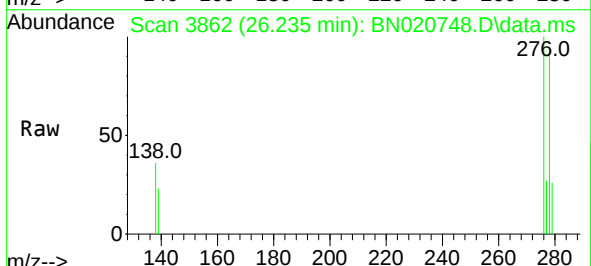
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#40  
Dibenzo(a,h)anthracene  
Concen: 0.313 ng  
RT: 26.235 min Scan# 3862  
Delta R.T. 0.003 min  
Lab File: BN020748.D  
Acq: 15 Jul 2022 15:57

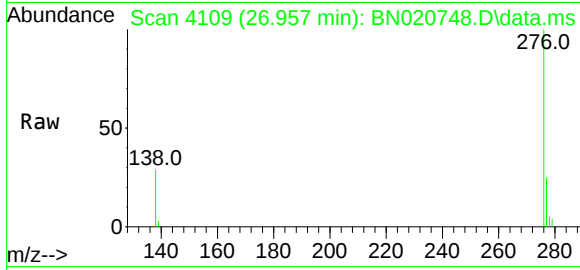
Tgt Ion:278 Resp: 10942  
Ion Ratio Lower Upper  
278 100  
139 24.5 18.6 28.0  
279 27.4 19.7 29.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.323 ng  
 RT: 26.957 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BN020748.D  
 Acq: 15 Jul 2022 15:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB146246BS



Tgt Ion: 276 Resp: 12328  
 Ion Ratio Lower Upper  
 276 100  
 277 24.8 19.5 29.3  
 138 28.7 22.6 34.0

Manual Integrations  
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Reviewed By : Christian Giraldo 07/18/2022  
 Supervised By : Jagrut Upadhyay 07/18/2022

