

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
 Data File : BN022942.D  
 Acq On : 29 Nov 2022 07:38  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022  
 Supervised By : mohammad ahmed 12/01/2022

Quant Time: Nov 29 08:08:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 05:14:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 8402     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.882 | 136  | 23201    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.698 | 164  | 12037    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 23948    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.629 | 240  | 14309    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.119 | 264  | 10797    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.601  | 112  | 7884     | 0.361 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 10428    | 0.375 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.228  | 82   | 7232     | 0.401 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.465 | 152  | 18000    | 0.358 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 1839     | 0.316 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 24429    | 0.444 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.473 | 212  | 23477    | 0.361 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.071 | 244  | 14784    | 0.440 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.442  | 88   | 4256     | 0.399 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.774  | 42   | 4186     | 0.364 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.479  | 93   | 11039    | 0.423 | ng    | 100      |
| 9) Naphthalene                | 10.936 | 128  | 29224    | 0.409 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.224 | 225  | 6255     | 0.426 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.155 | 142  | 4629     | 0.317 | ng    | 100      |
| 16) Acenaphthylene            | 14.420 | 152  | 23371m   | 0.367 | ng    |          |
| 17) Acenaphthene              | 14.762 | 154  | 17338    | 0.413 | ng    | 99       |
| 18) Fluorene                  | 15.739 | 166  | 21280    | 0.396 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.813 | 198  | 867      | 0.324 | ng    | # 76     |
| 21) 4-Bromophenyl-phenylether | 16.632 | 248  | 7017     | 0.406 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.756 | 284  | 9345     | 0.443 | ng    | 100      |
| 23) Atrazine                  | 16.893 | 200  | 4013     | 0.329 | ng    | 98       |
| 24) Pentachlorophenol         | 17.092 | 266  | 1697     | 0.294 | ng    | 98       |
| 25) Phenanthrene              | 17.489 | 178  | 34282    | 0.412 | ng    | 100      |
| 26) Anthracene                | 17.576 | 178  | 26894    | 0.372 | ng    | 100      |
| 28) Fluoranthene              | 19.502 | 202  | 32967    | 0.372 | ng    | 99       |
| 30) Pyrene                    | 19.865 | 202  | 32323    | 0.434 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.611 | 228  | 22320    | 0.386 | ng    | 99       |
| 33) Chrysene                  | 21.665 | 228  | 26230    | 0.437 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.540 | 149  | 8610     | 0.371 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.727 | 276  | 22341    | 0.499 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.359 | 252  | 21030m   | 0.436 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.405 | 252  | 23022    | 0.441 | ng    | 98       |
| 39) Benzo(a)pyrene            | 24.008 | 252  | 14682    | 0.399 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 26.747 | 278  | 18744    | 0.527 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.522 | 276  | 18681    | 0.487 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

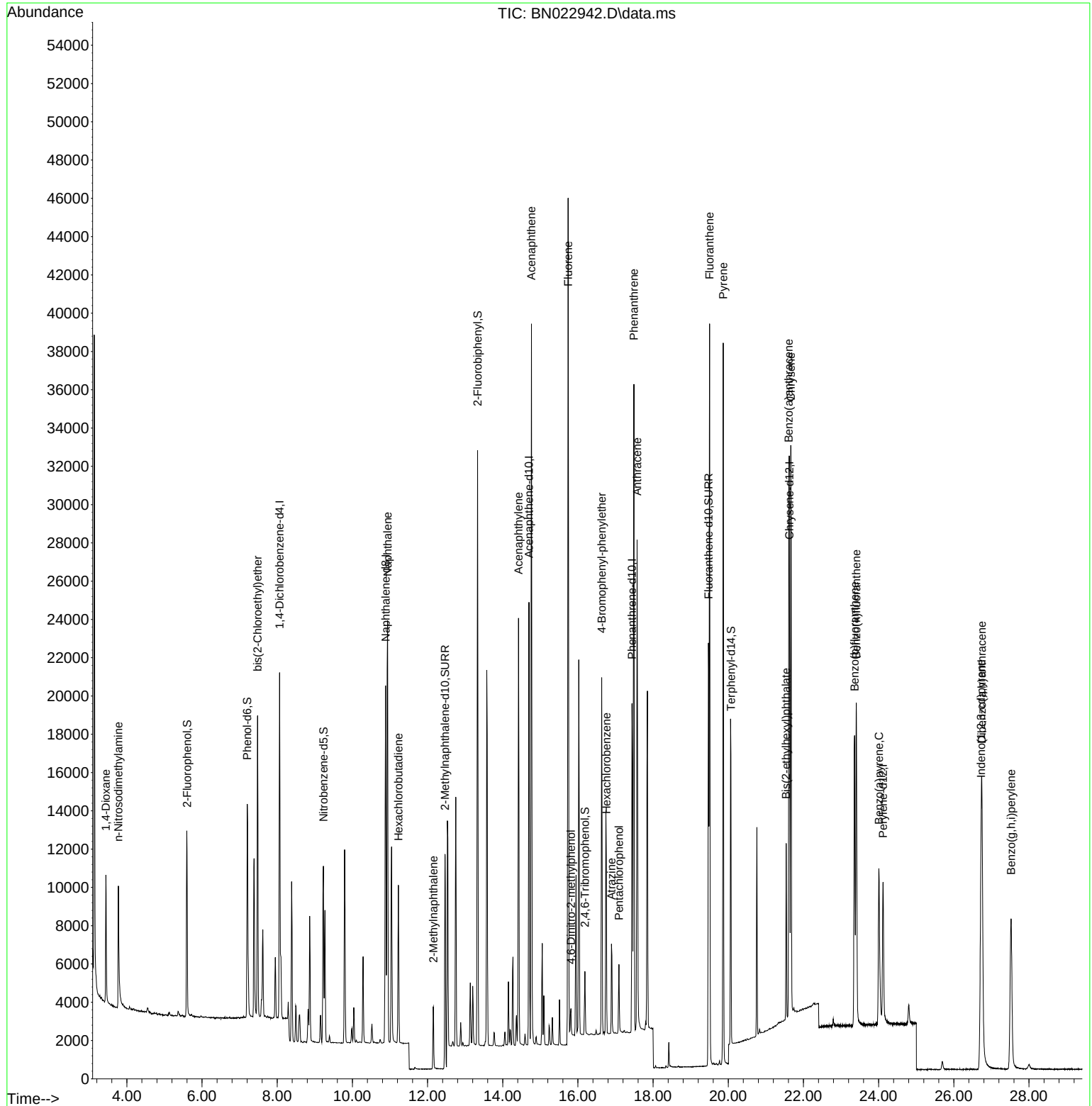
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
Data File : BN022942.D  
Acq On : 29 Nov 2022 07:38  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

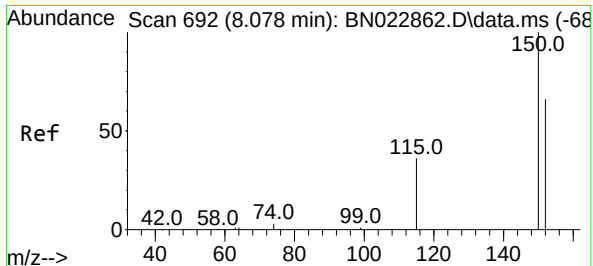
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: Nov 29 08:08:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 29 05:14:21 2022  
Response via : Initial Calibration

Manual Integrations  
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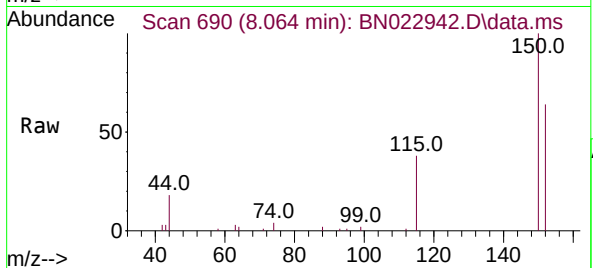
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.064 min Scan# 69  
 Delta R.T. -0.000 min  
 Lab File: BN022942.D  
 Acq: 29 Nov 2022 07:38

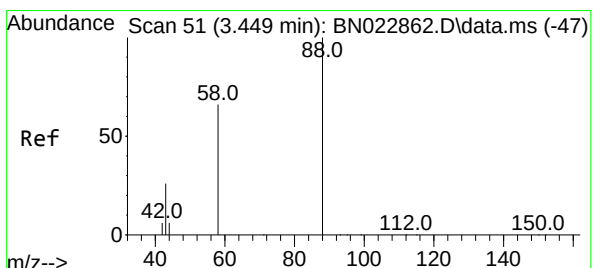
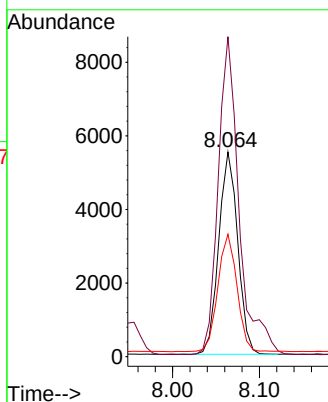
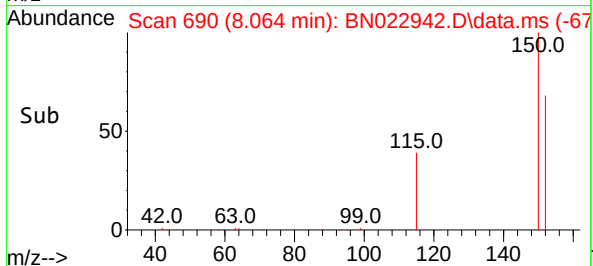
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 8402  
 Ion Ratio Lower Upper  
 152 100  
 150 156.4 121.2 181.8  
 115 59.8 46.2 69.4

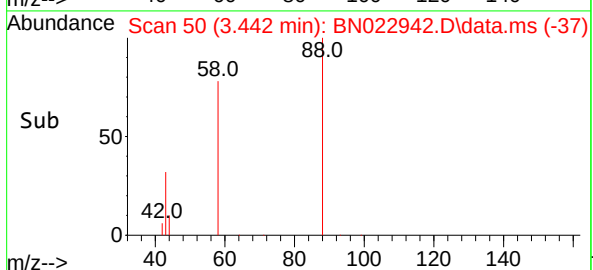
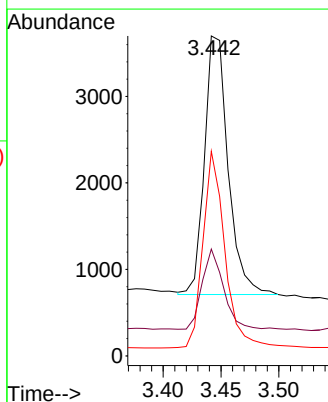
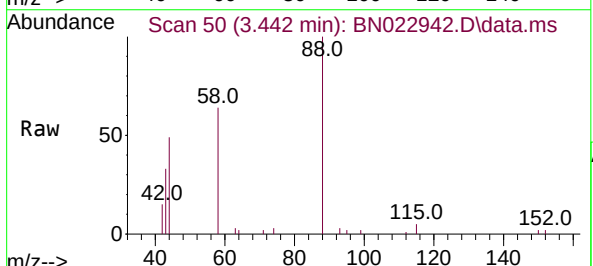
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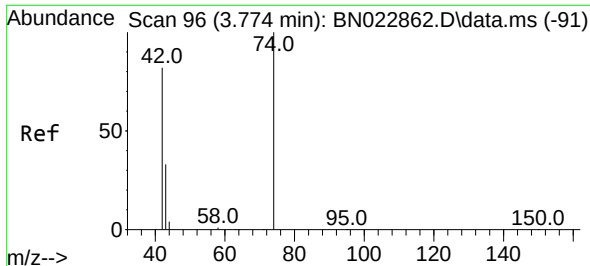
Reviewed By :Christian Giraldo 11/29/2022  
 Supervised By :mohammad ahmed 12/01/2022



#2  
 1,4-Dioxane  
 Concen: 0.399 ng  
 RT: 3.442 min Scan# 50  
 Delta R.T. -0.007 min  
 Lab File: BN022942.D  
 Acq: 29 Nov 2022 07:38

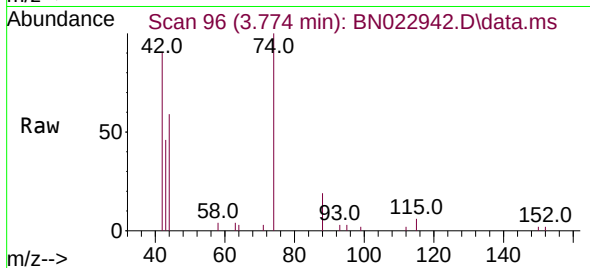
Tgt Ion: 88 Resp: 4256  
 Ion Ratio Lower Upper  
 88 100  
 43 28.2 25.4 38.2  
 58 70.4 56.5 84.7





#3  
n-Nitrosodimethylamine  
Concen: 0.364 ng  
RT: 3.774 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

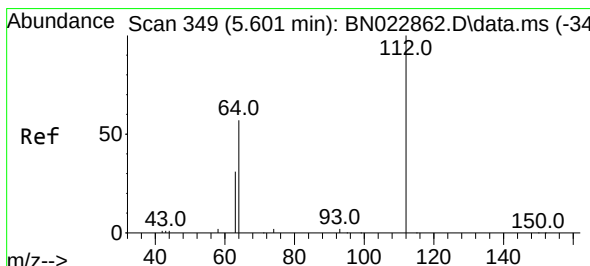
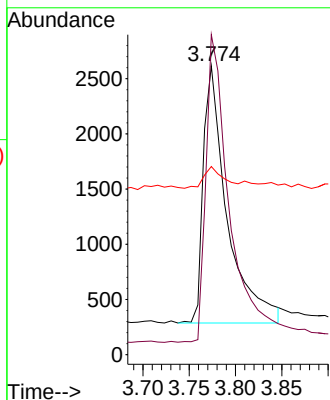
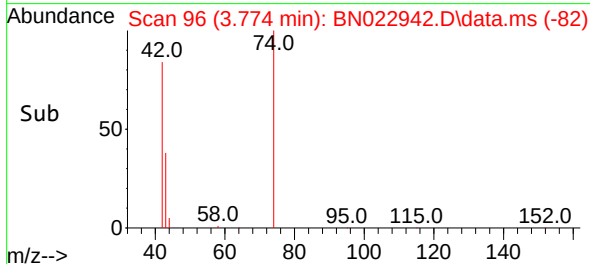
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 42 Resp: 4186  
Ion Ratio Lower Upper  
42 100  
74 120.0 99.3 148.9  
44 6.8 5.4 8.2

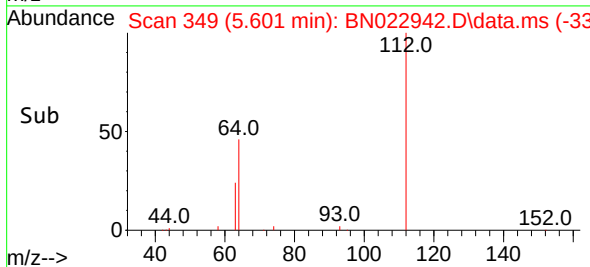
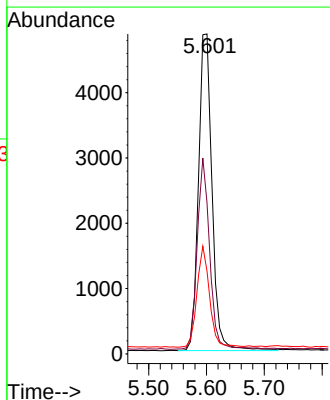
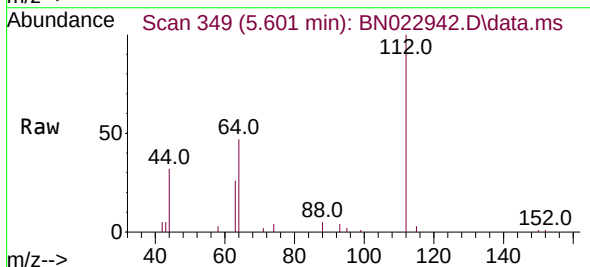
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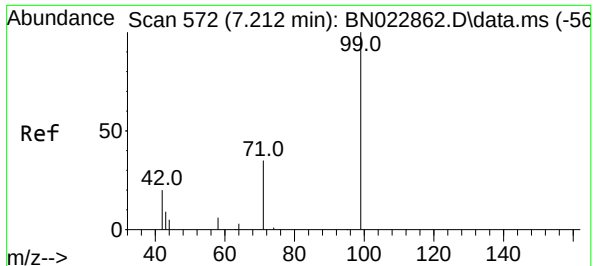
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#4  
2-Fluorophenol  
Concen: 0.361 ng  
RT: 5.601 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Tgt Ion:112 Resp: 7884  
Ion Ratio Lower Upper  
112 100  
64 55.9 43.4 65.2  
63 29.5 23.4 35.2





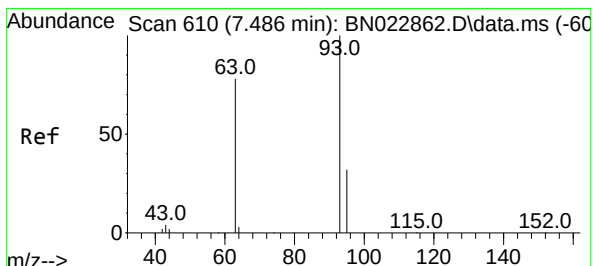
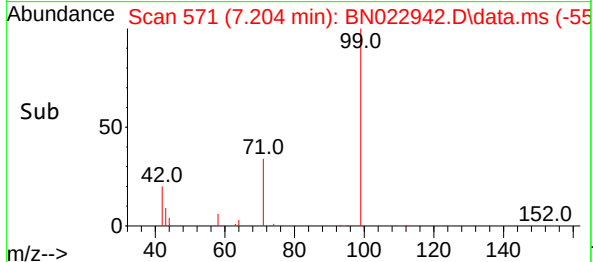
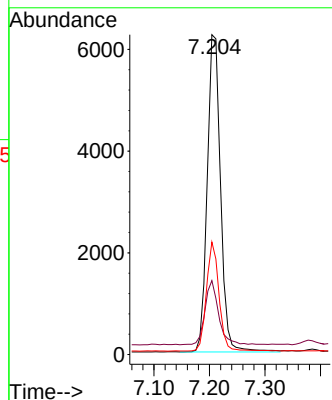
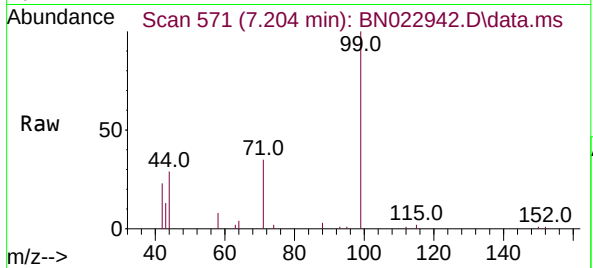
#5  
Phenol-d6  
Concen: 0.375 ng  
RT: 7.204 min Scan# 571  
Delta R.T. -0.007 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 10428  
Ion Ratio Lower Upper  
99 100  
42 20.9 16.0 24.0  
71 32.4 26.8 40.2

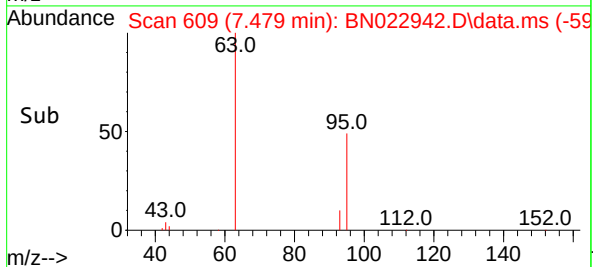
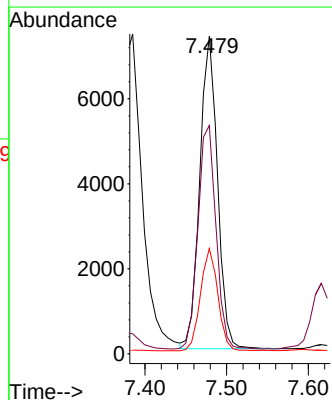
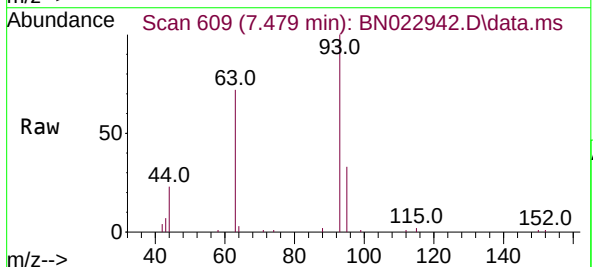
Manual Integrations  
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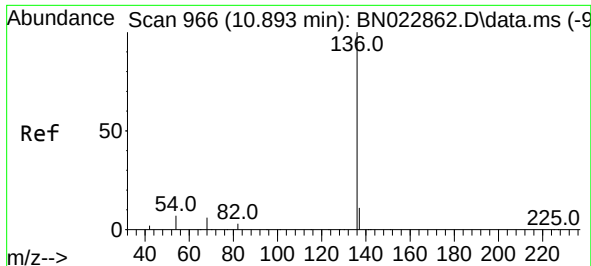
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.423 ng  
RT: 7.479 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Tgt Ion: 93 Resp: 11039  
Ion Ratio Lower Upper  
93 100  
63 73.1 58.3 87.5  
95 32.1 25.8 38.6





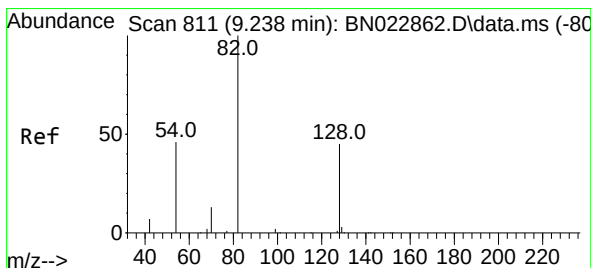
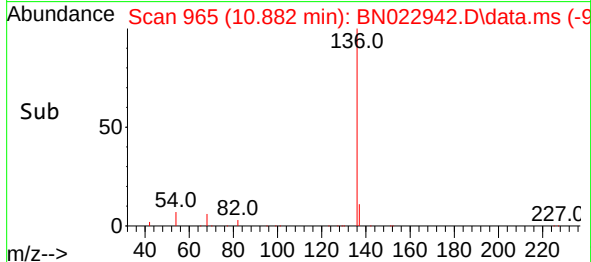
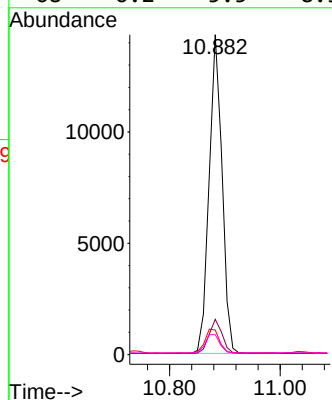
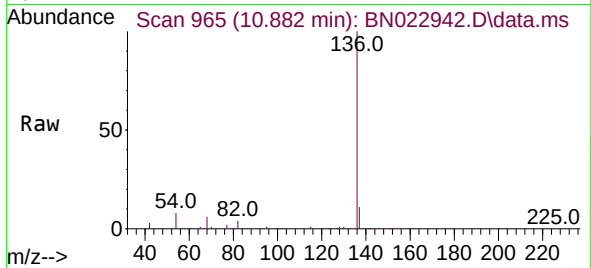
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.882 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 2320 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.0  | 9.0   | 13.4 |
| 54        | 7.7   | 6.6   | 9.8  |
| 68        | 6.2   | 5.5   | 8.3  |

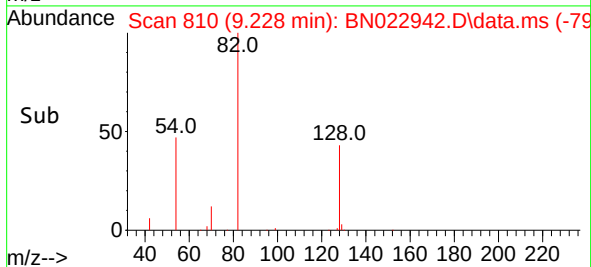
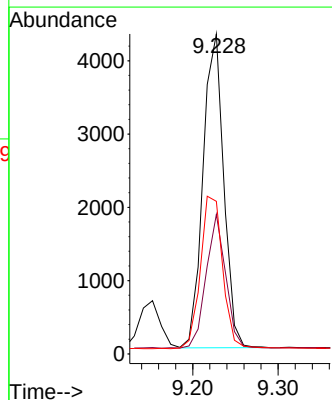
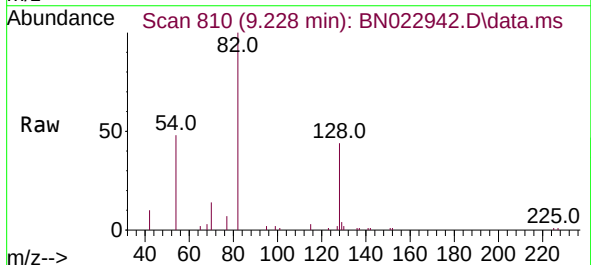
Manual Integrations  
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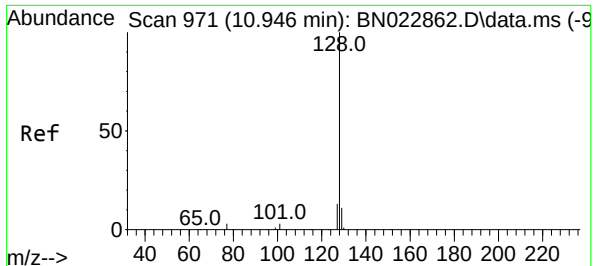
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#8  
Nitrobenzene-d5  
Concen: 0.401 ng  
RT: 9.228 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 7232 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 43.6  | 36.6  | 54.8 |
| 54        | 47.7  | 38.5  | 57.7 |





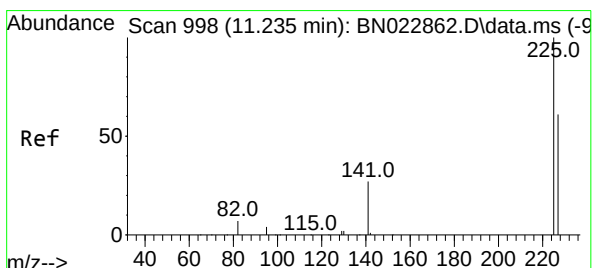
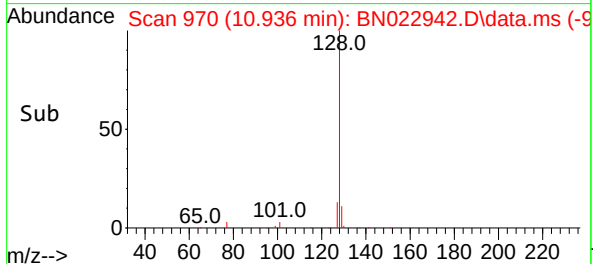
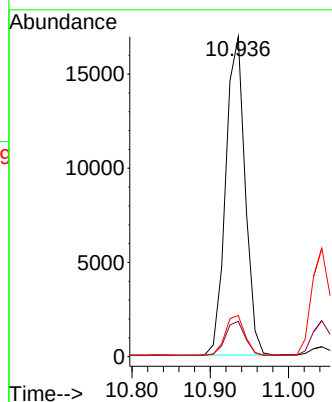
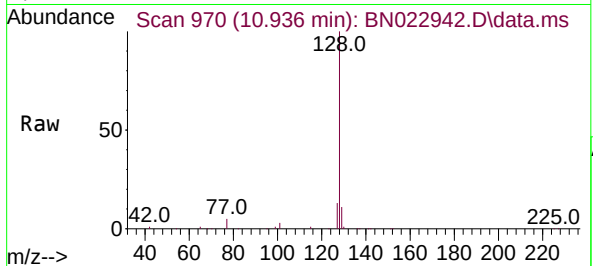
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Naphthalene  
Concen: 0.409 ng  
RT: 10.936 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:128 Resp: 29224  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 12.8 10.8 16.2

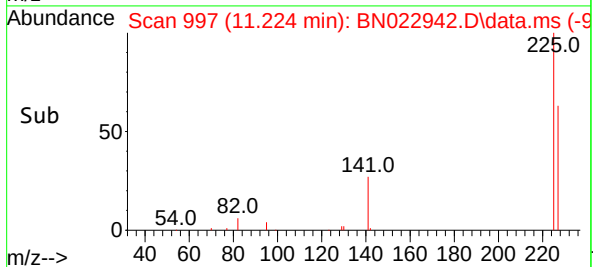
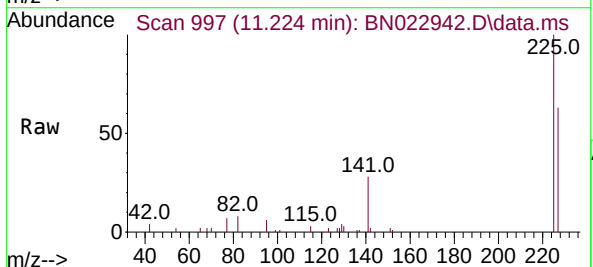
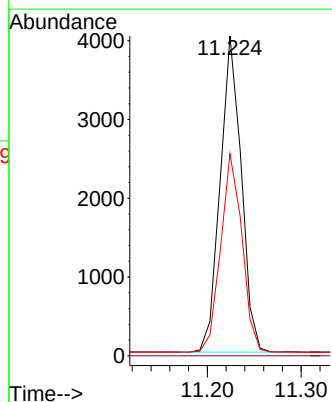
Manual Integrations  
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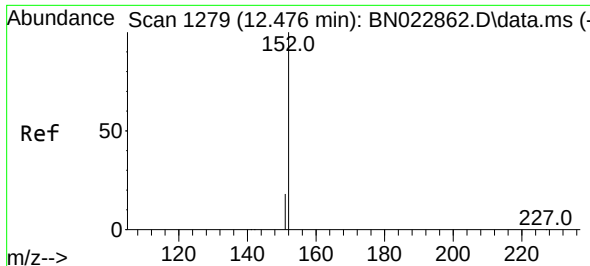
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#10  
Hexachlorobutadiene  
Concen: 0.426 ng  
RT: 11.224 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

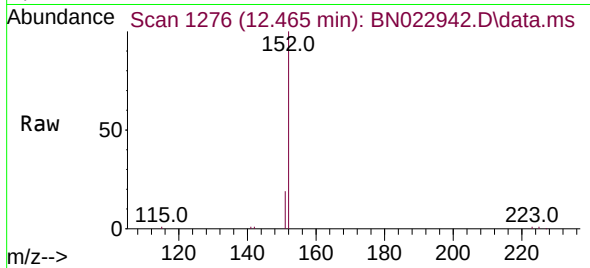
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 50.8 76.2





#11  
2-Methylnaphthalene-d10  
Concen: 0.358 ng  
RT: 12.465 min Scan# 1194  
Delta R.T. -0.004 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

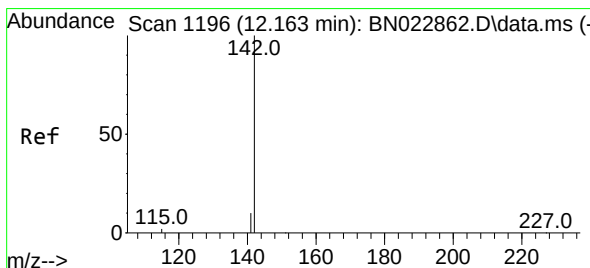
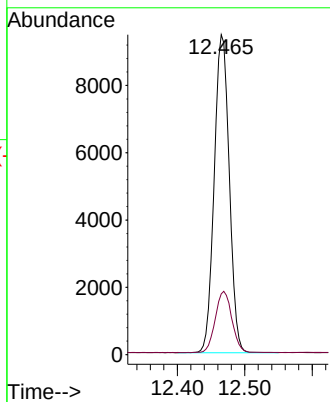
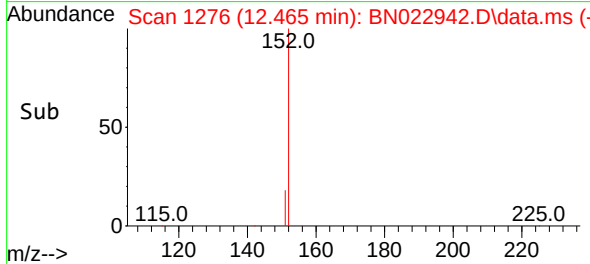
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 18000  
Ion Ratio Lower Upper  
152 100  
151 22.6 18.6 27.8

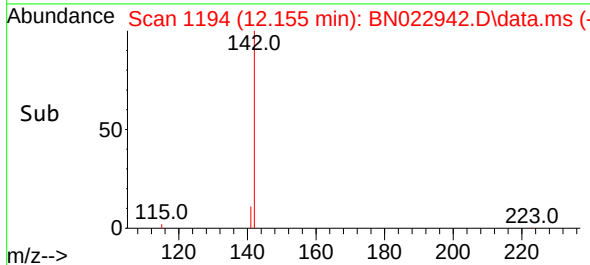
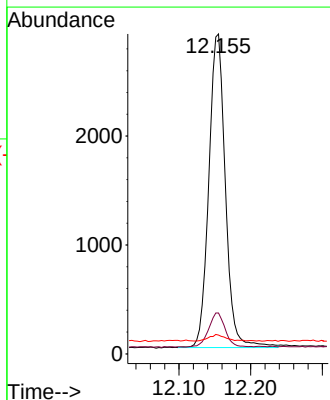
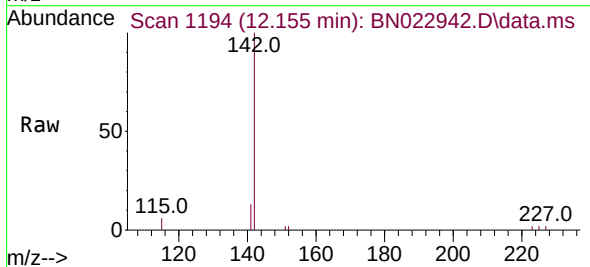
Manual Integrations  
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Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022

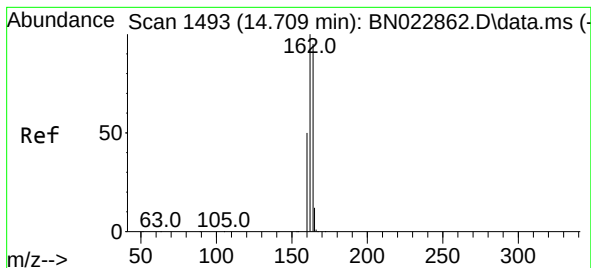


#12  
2-Methylnaphthalene  
Concen: 0.317 ng  
RT: 12.155 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Tgt Ion:142 Resp: 4629  
Ion Ratio Lower Upper  
142 100  
141 12.8 10.1 15.1  
115 5.9 4.6 7.0







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN022942.D

Acq: 29 Nov 2022 07:38

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

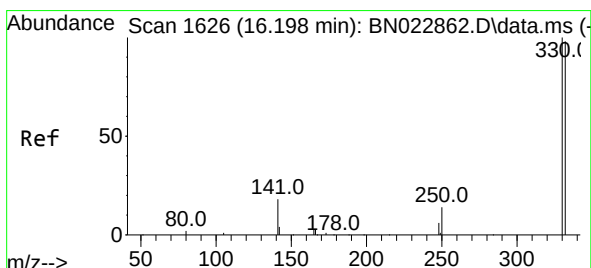
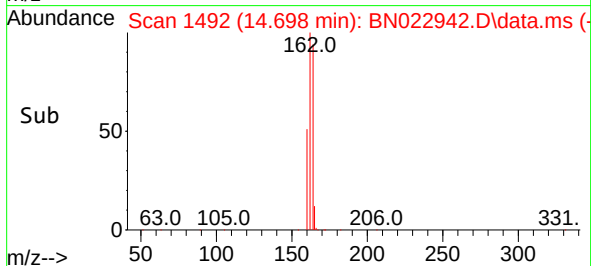
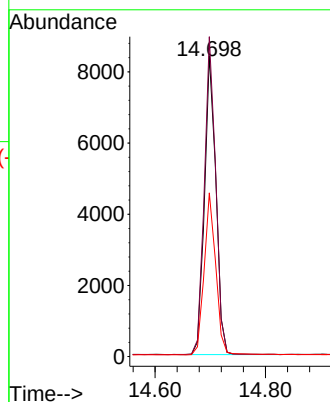
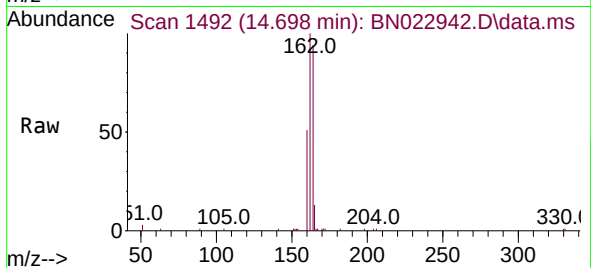
Tgt Ion:164 Resp: 1203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 106.4 | 84.2  | 126.4 |
| 160 | 54.4  | 42.5  | 63.7  |

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#14

2,4,6-Tribromophenol

Concen: 0.316 ng

RT: 16.186 min Scan# 1625

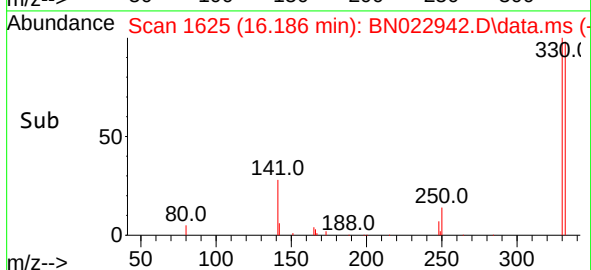
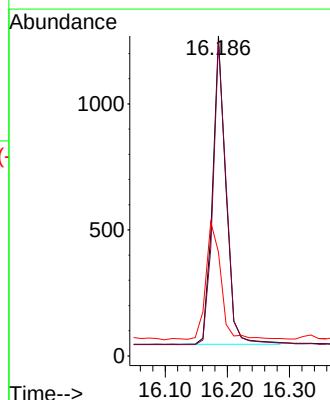
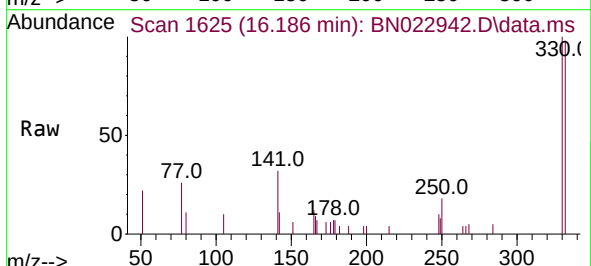
Delta R.T. -0.000 min

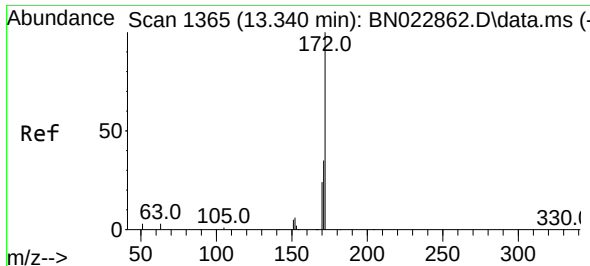
Lab File: BN022942.D

Acq: 29 Nov 2022 07:38

Tgt Ion:330 Resp: 1839

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.4  | 76.5  | 114.7 |
| 141 | 41.0  | 32.6  | 48.8  |





#15  
2-Fluorobiphenyl  
Concen: 0.444 ng  
RT: 13.330 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Instrument :

BNA\_N

ClientSampleId :

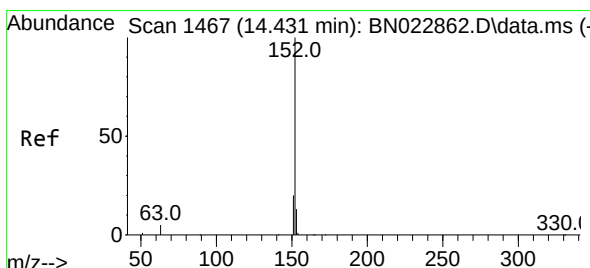
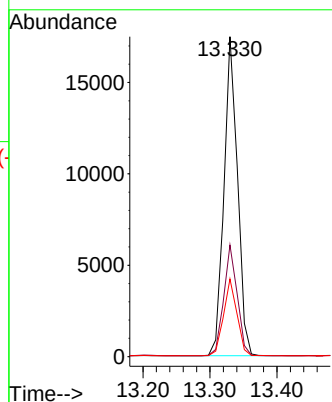
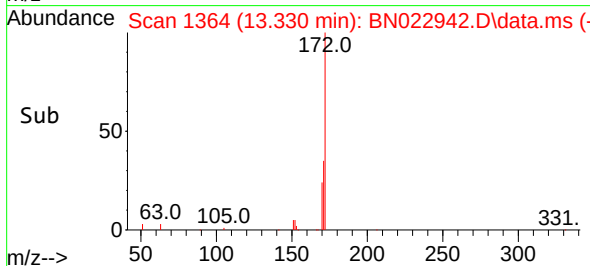
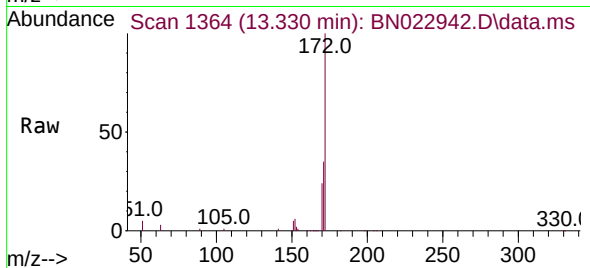
SSTDCCC0.4EC

Tgt Ion:172 Resp: 24429  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.2 42.4  
170 24.3 19.3 28.9

Manual Integrations

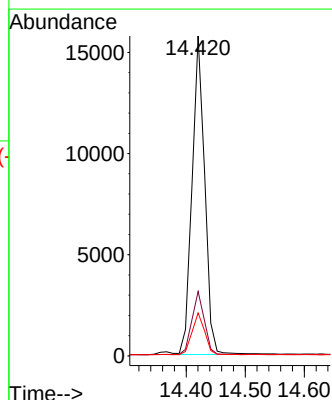
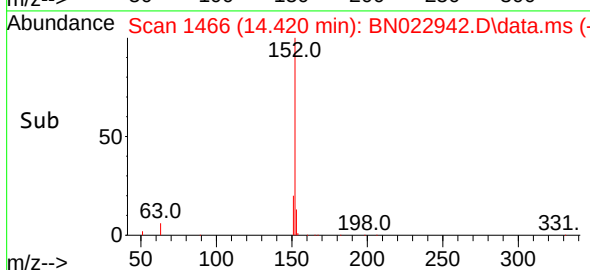
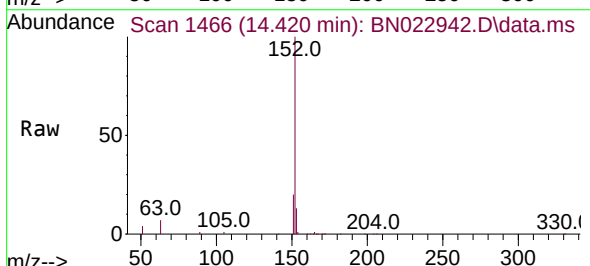
APPROVED

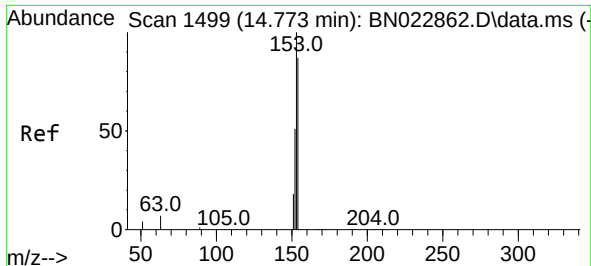
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#16  
Acenaphthylene  
Concen: 0.367 ng m  
RT: 14.420 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

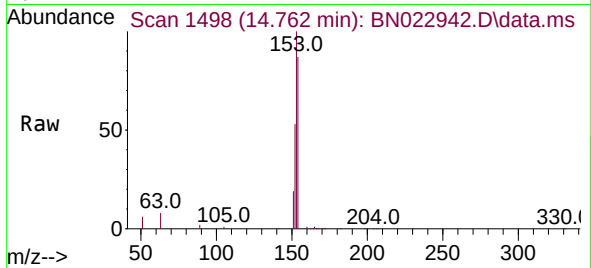
Tgt Ion:152 Resp: 23371  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.1 24.1  
153 13.3 10.5 15.7





#17  
Acenaphthene  
Concen: 0.413 ng  
RT: 14.762 min Scan# 1499  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

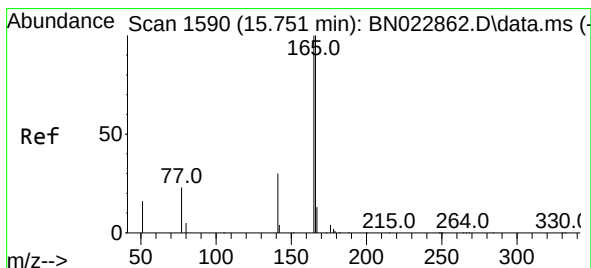
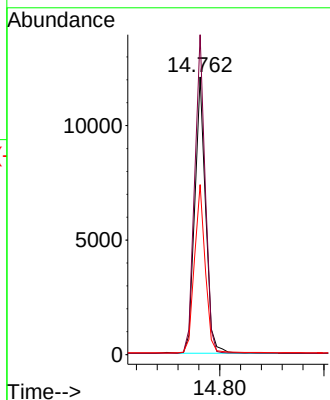
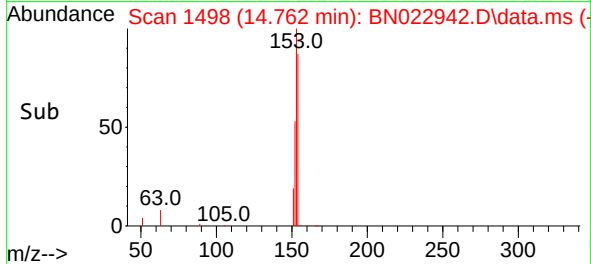
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



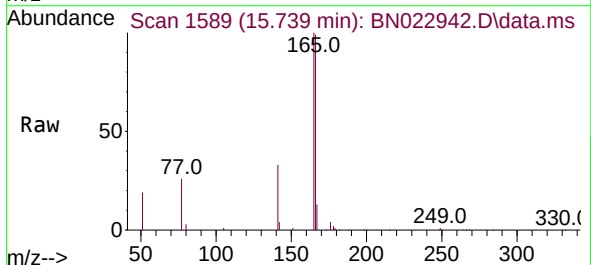
Tgt Ion:154 Resp: 17338  
Ion Ratio Lower Upper  
154 100  
153 112.5 90.0 135.0  
152 61.0 47.0 70.6

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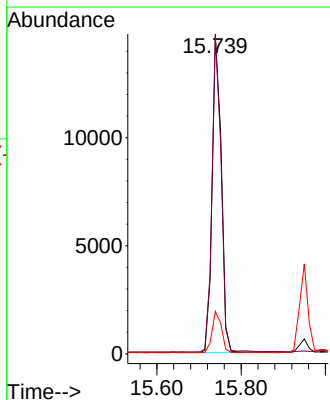
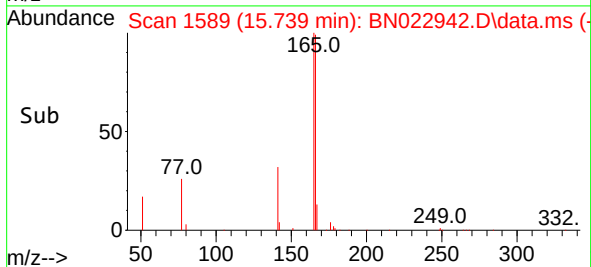
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022

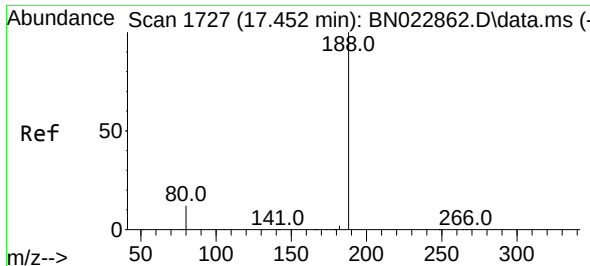


#18  
Fluorene  
Concen: 0.396 ng  
RT: 15.739 min Scan# 1589  
Delta R.T. -0.012 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38



Tgt Ion:166 Resp: 21280  
Ion Ratio Lower Upper  
166 100  
165 100.9 79.4 119.0  
167 12.9 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN022942.D

Acq: 29 Nov 2022 07:38

Instrument :

BNA\_N

ClientSampleId :

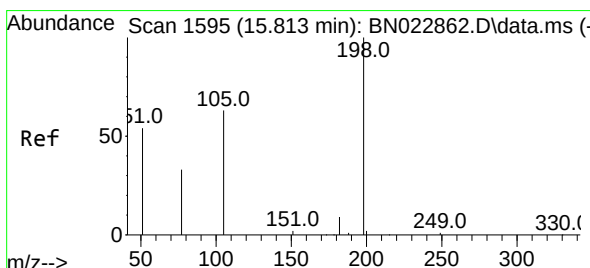
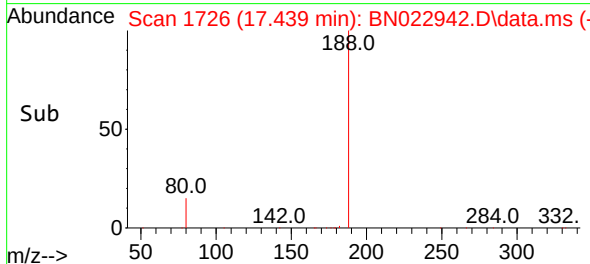
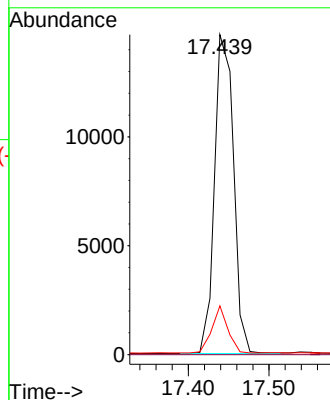
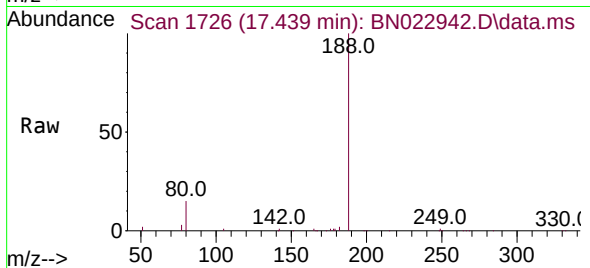
SSTDCCC0.4EC

Tgt Ion:188 Resp: 23948  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 15.2 10.3 15.5

Manual Integrations

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 Supervised By :mohammad ahmed 12/01/2022



#20

4,6-Dinitro-2-methylphenol

Concen: 0.324 ng

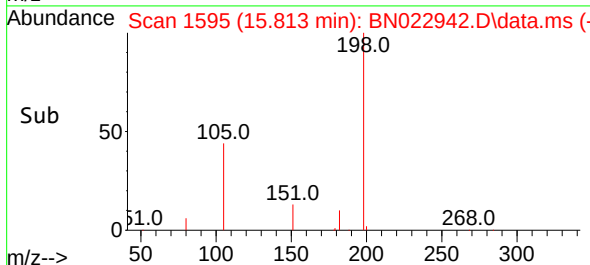
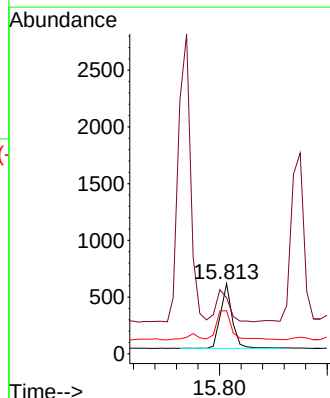
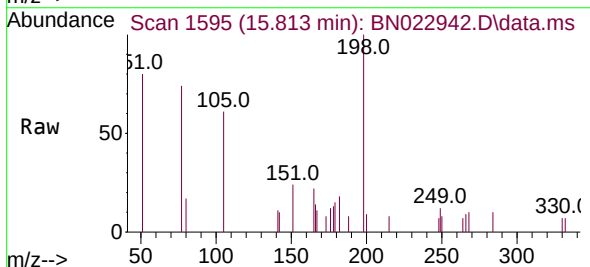
RT: 15.813 min Scan# 1595

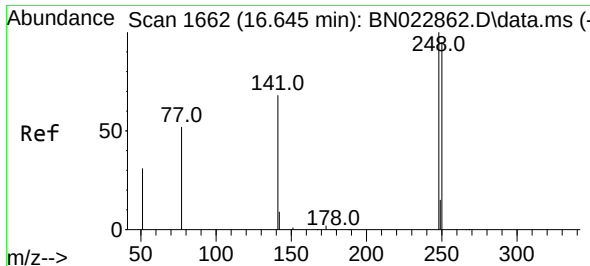
Delta R.T. -0.000 min

Lab File: BN022942.D

Acq: 29 Nov 2022 07:38

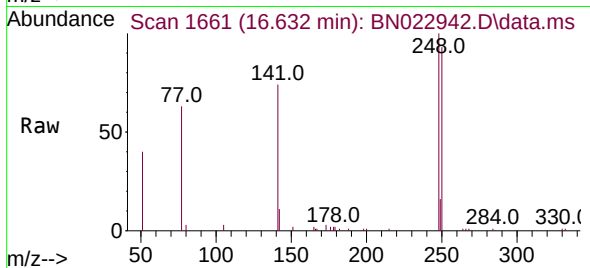
Tgt Ion:198 Resp: 867  
 Ion Ratio Lower Upper  
 198 100  
 51 80.0 80.5 120.7#  
 105 61.1 70.5 105.7#





#21  
4-Bromophenyl-phenylether  
Concen: 0.406 ng  
RT: 16.632 min Scan# 1661  
Delta R.T. -0.013 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

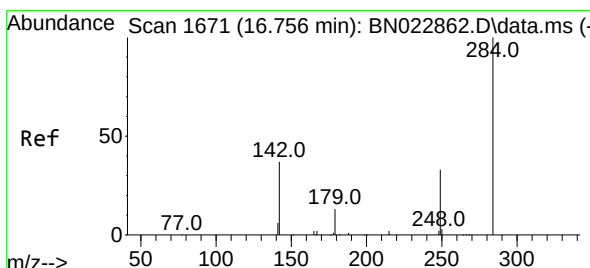
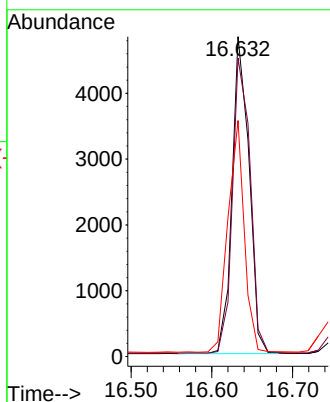
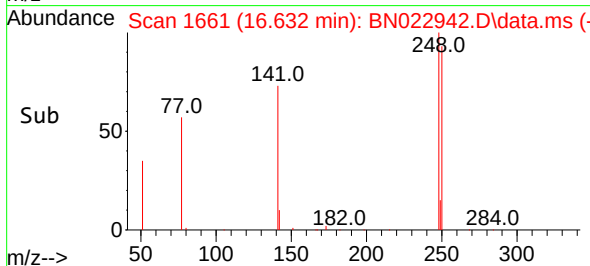
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



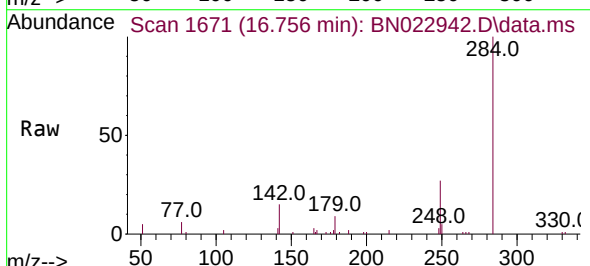
Tgt Ion:248 Resp: 701  
Ion Ratio Lower Upper  
248 100  
250 93.3 75.8 113.6  
141 73.8 55.4 83.0

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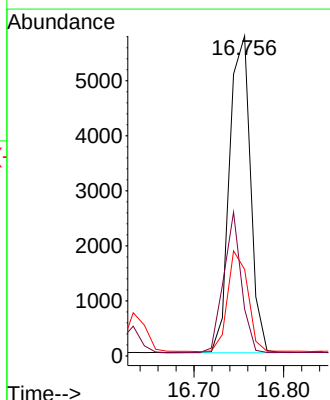
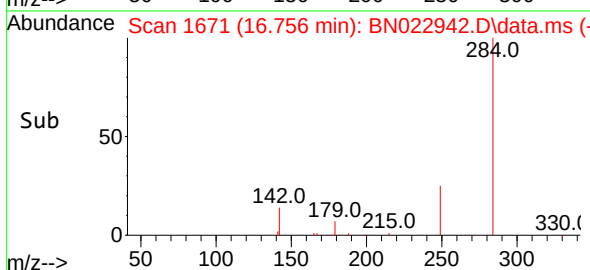
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022

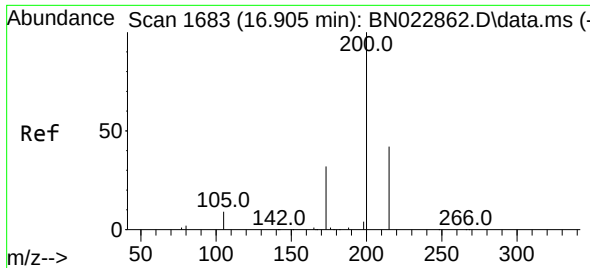


#22  
Hexachlorobenzene  
Concen: 0.443 ng  
RT: 16.756 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38



Tgt Ion:284 Resp: 9345  
Ion Ratio Lower Upper  
284 100  
142 37.3 30.1 45.1  
249 30.7 24.5 36.7





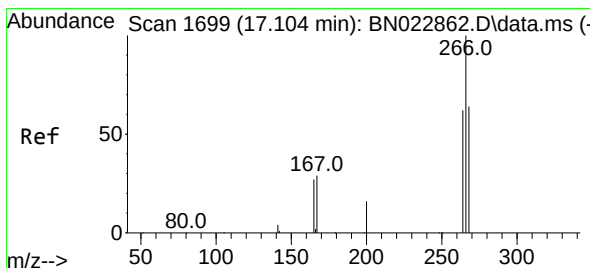
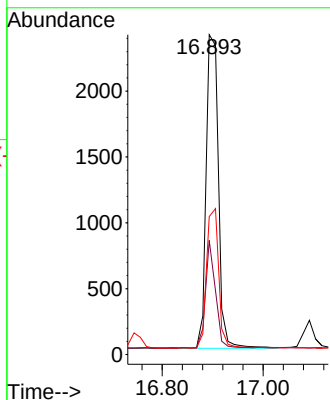
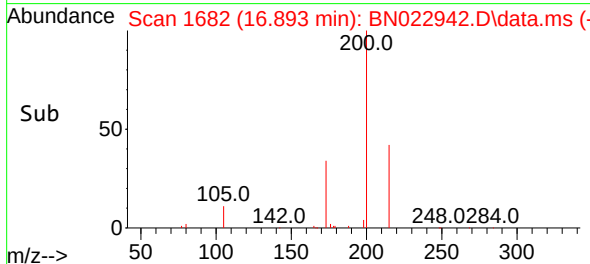
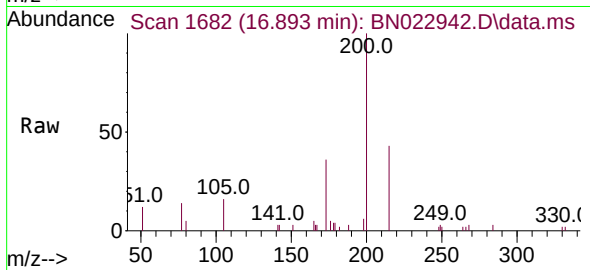
#23  
 Atrazine  
 Concen: 0.329 ng  
 RT: 16.893 min Scan# 1682  
 Delta R.T. -0.012 min  
 Lab File: BN022942.D  
 Acq: 29 Nov 2022 07:38

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion:200 Resp: 4013  
 Ion Ratio Lower Upper  
 200 100  
 173 35.7 26.4 39.6  
 215 43.1 34.4 51.6

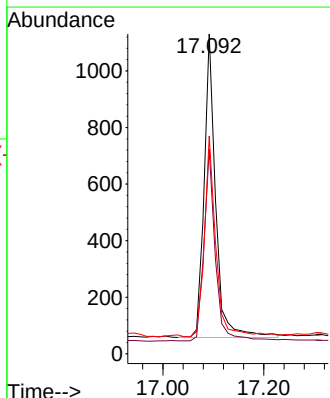
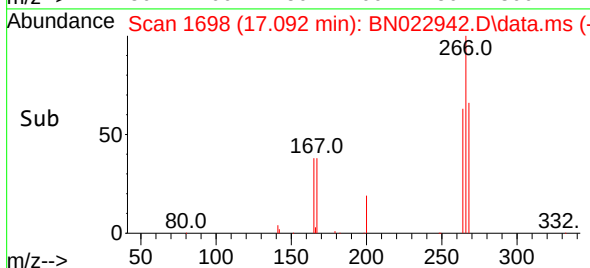
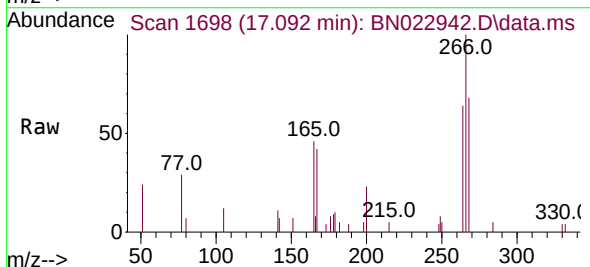
Manual Integrations  
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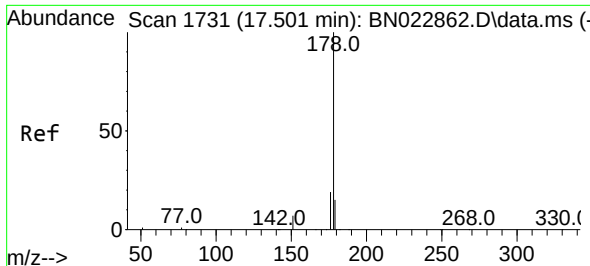
Reviewed By :Christian Giraldo 11/29/2022  
 Supervised By :mohammad ahmed 12/01/2022



#24  
 Pentachlorophenol  
 Concen: 0.294 ng  
 RT: 17.092 min Scan# 1698  
 Delta R.T. -0.000 min  
 Lab File: BN022942.D  
 Acq: 29 Nov 2022 07:38

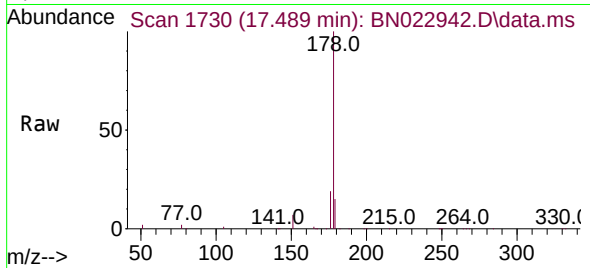
Tgt Ion:266 Resp: 1697  
 Ion Ratio Lower Upper  
 266 100  
 264 62.0 50.0 75.0  
 268 65.8 50.9 76.3





#25  
Phenanthrene  
Concen: 0.412 ng  
RT: 17.489 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

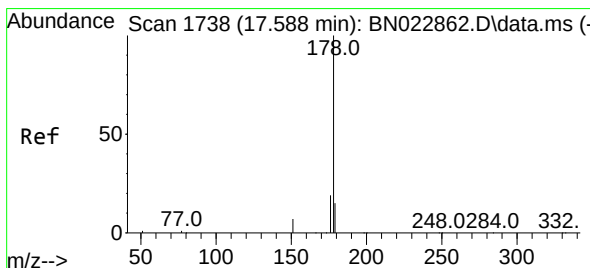
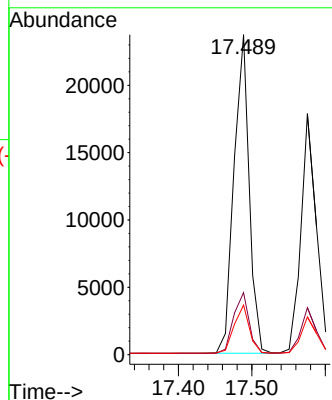
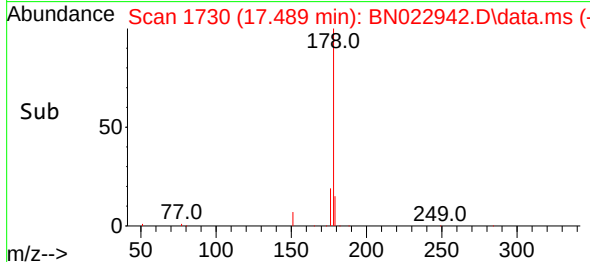
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



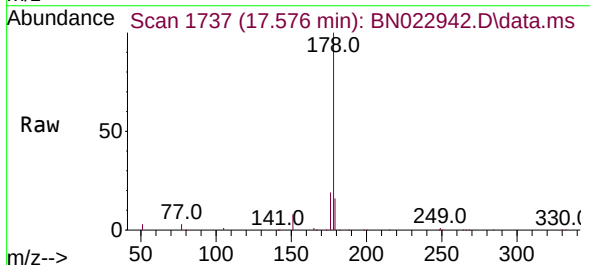
Tgt Ion:178 Resp: 34282  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.4 12.2 18.2

Manual Integrations  
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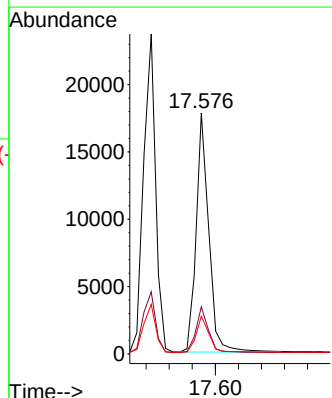
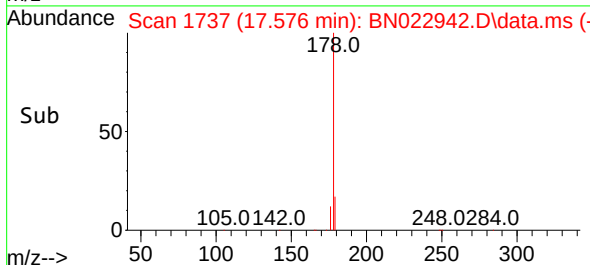
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022

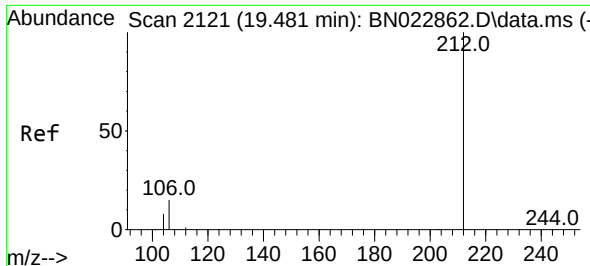


#26  
Anthracene  
Concen: 0.372 ng  
RT: 17.576 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38



Tgt Ion:178 Resp: 26894  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.5 12.2 18.2





#27  
Fluoranthene-d10  
Concen: 0.361 ng  
RT: 19.473 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Instrument :

BNA\_N

ClientSampleId :

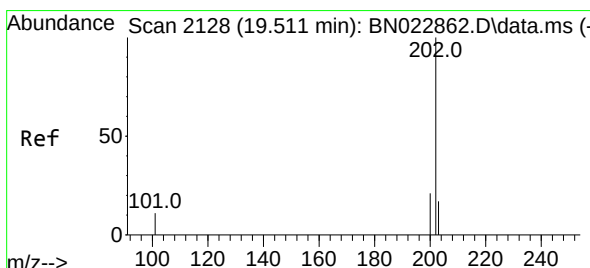
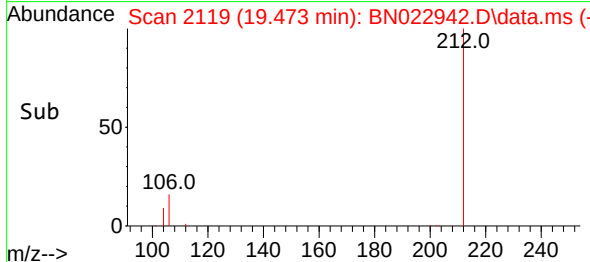
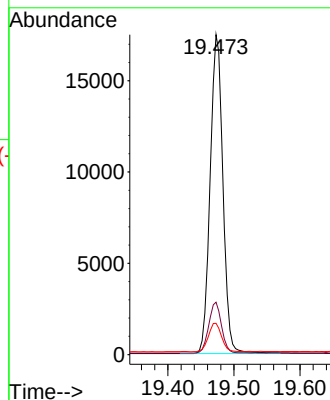
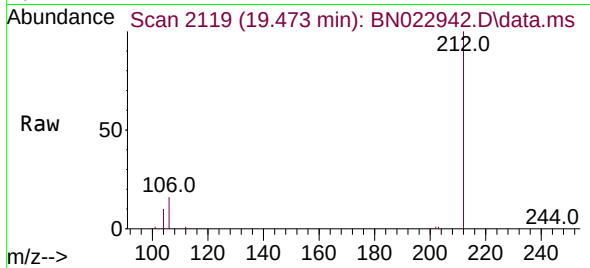
SSTDCCC0.4EC

Tgt Ion:212 Resp: 2347  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.3 18.5  
104 9.2 7.0 10.4

Manual Integrations

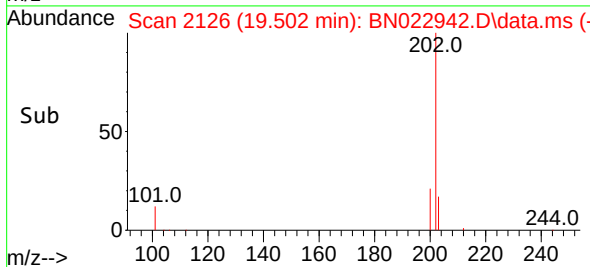
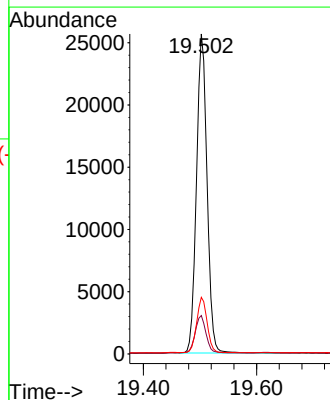
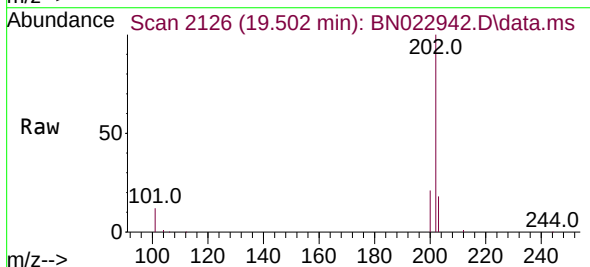
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Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022

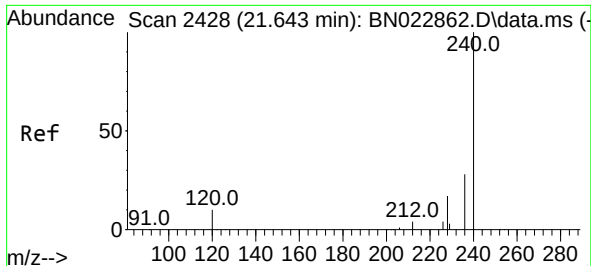


#28  
Fluoranthene  
Concen: 0.372 ng  
RT: 19.502 min Scan# 2126  
Delta R.T. -0.004 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Tgt Ion:202 Resp: 32967  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.3 13.9  
203 17.2 13.7 20.5

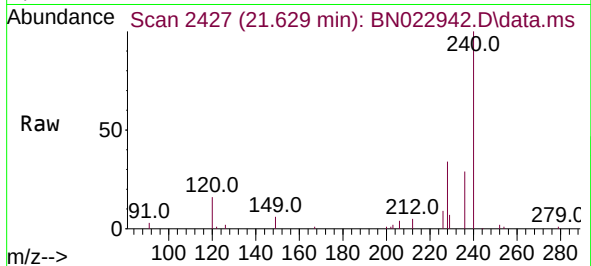






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.629 min Scan# 2428  
Delta R.T. -0.005 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

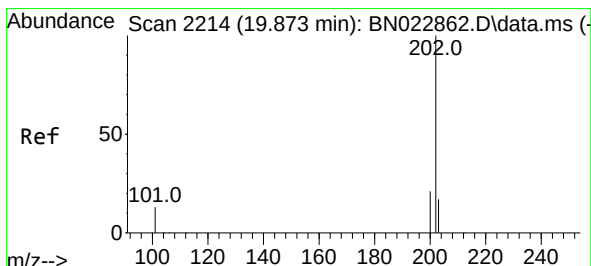
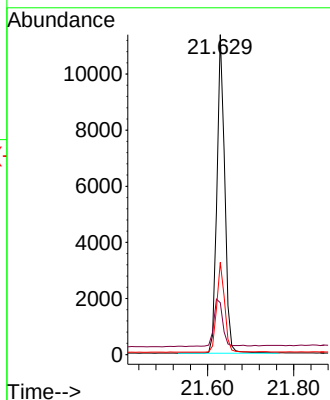
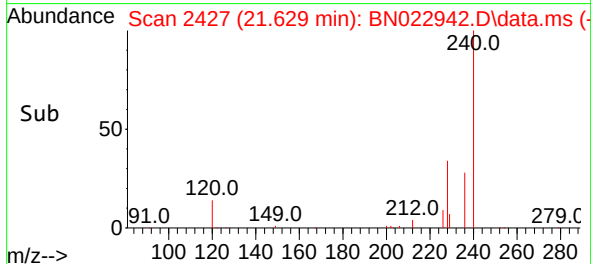
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:240 Resp: 14309  
Ion Ratio Lower Upper  
240 100  
120 16.2 9.2 13.8  
236 28.8 22.6 34.0

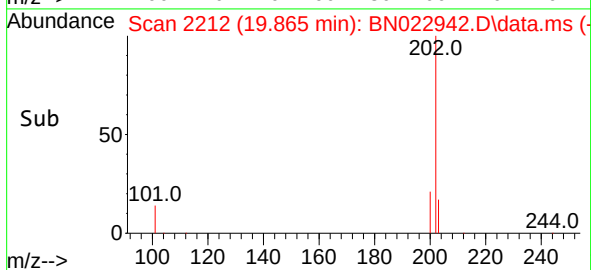
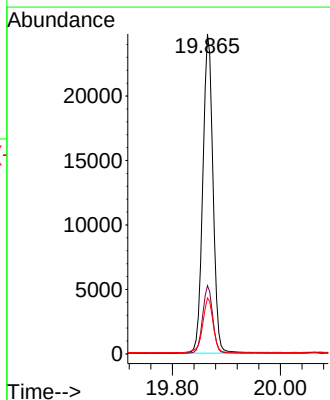
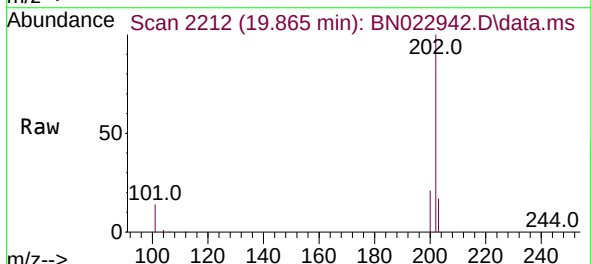
Manual Integrations  
APPROVED

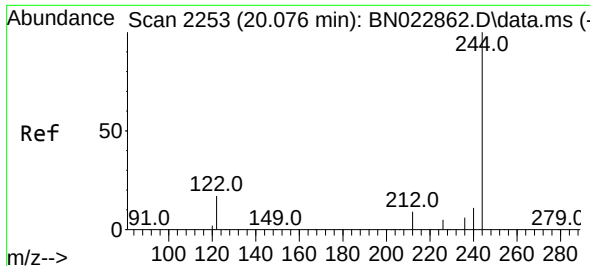
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#30  
Pyrene  
Concen: 0.434 ng  
RT: 19.865 min Scan# 2212  
Delta R.T. -0.004 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

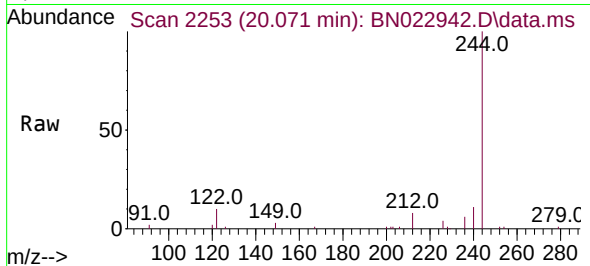
Tgt Ion:202 Resp: 32323  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.6 14.2 21.2





#31  
 Terphenyl-d14  
 Concen: 0.440 ng  
 RT: 20.071 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BN022942.D  
 Acq: 29 Nov 2022 07:38

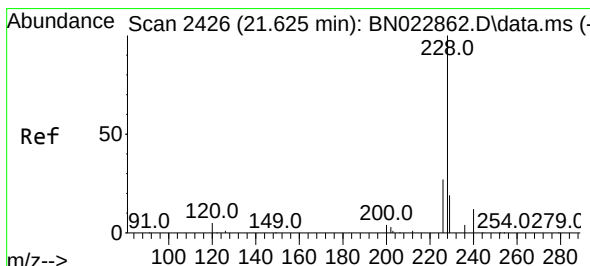
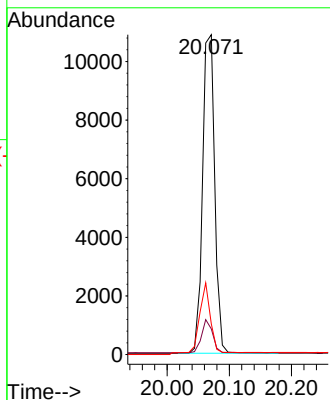
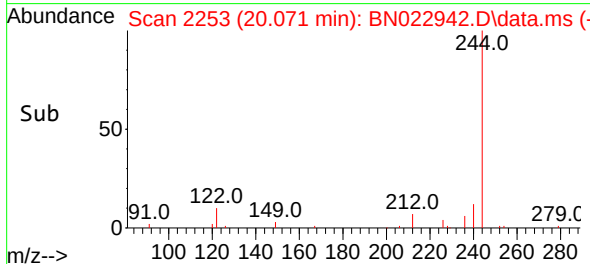
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



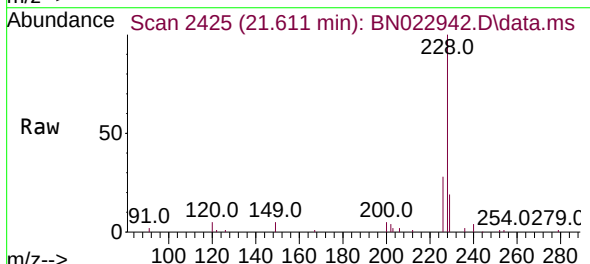
Tgt Ion: 244 Resp: 14784  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 7.9 11.9  
 122 9.6 13.9 20.9

Manual Integrations  
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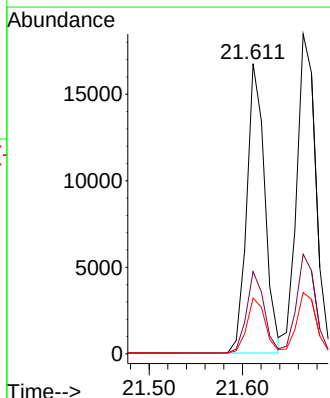
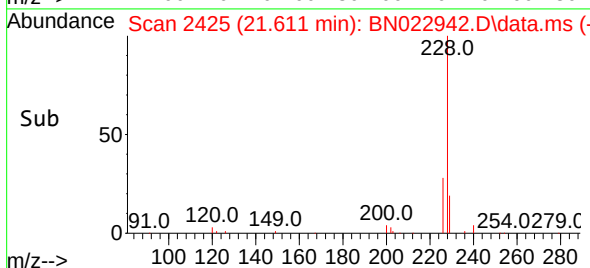
Reviewed By : Christian Giraldo 11/29/2022  
 Supervised By : mohammad ahmed 12/01/2022

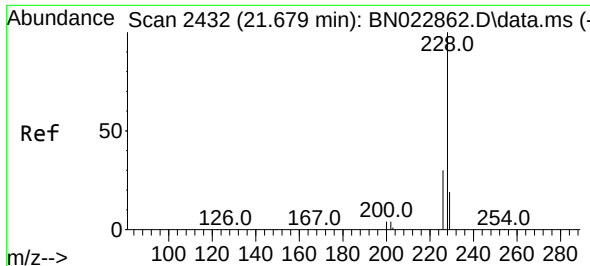


#32  
 Benzo(a)anthracene  
 Concen: 0.386 ng  
 RT: 21.611 min Scan# 2425  
 Delta R.T. -0.005 min  
 Lab File: BN022942.D  
 Acq: 29 Nov 2022 07:38



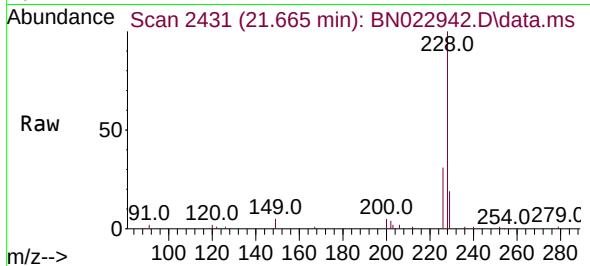
Tgt Ion: 228 Resp: 22320  
 Ion Ratio Lower Upper  
 228 100  
 226 28.3 22.1 33.1  
 229 19.2 15.8 23.6





#33  
Chrysene  
Concen: 0.437 ng  
RT: 21.665 min Scan# 2432  
Delta R.T. -0.005 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

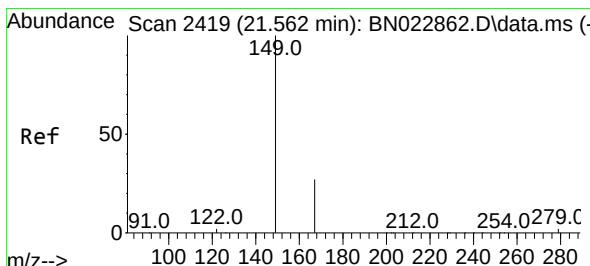
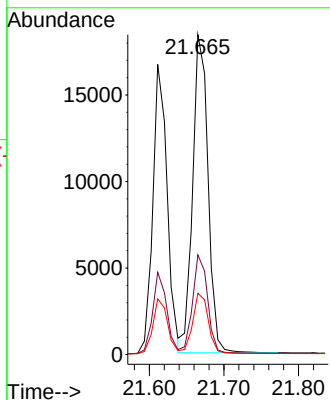
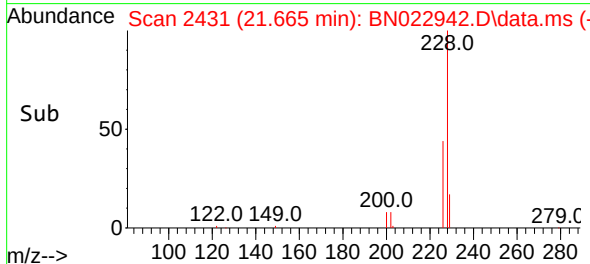
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:228 Resp: 26230  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.5 36.7  
229 19.2 15.8 23.6

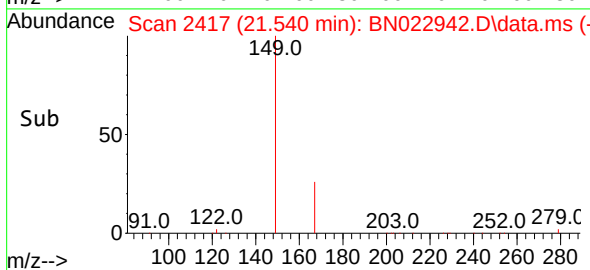
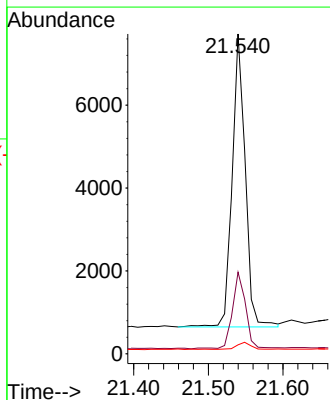
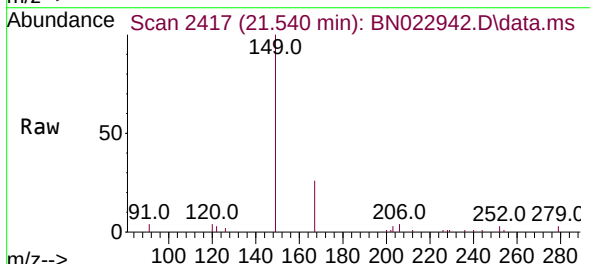
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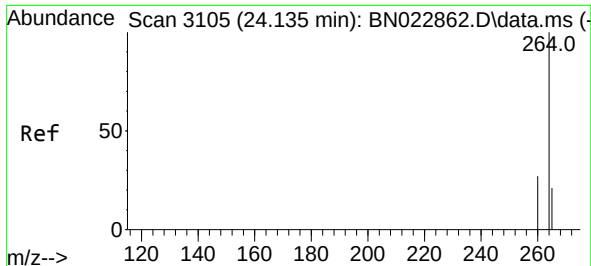
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.371 ng  
RT: 21.540 min Scan# 2417  
Delta R.T. -0.005 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Tgt Ion:149 Resp: 8610  
Ion Ratio Lower Upper  
149 100  
167 26.7 21.3 31.9  
279 2.9 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.119 min Scan# 3099

Delta R.T. -0.005 min

Lab File: BN022942.D

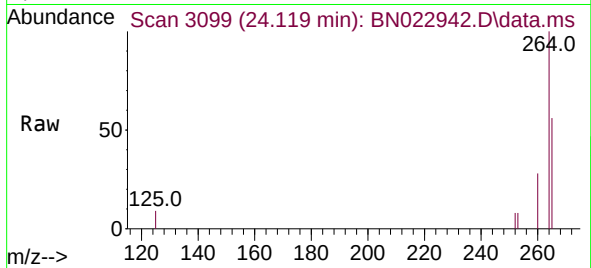
Acq: 29 Nov 2022 07:38

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

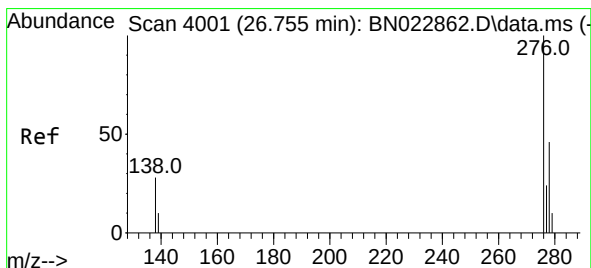
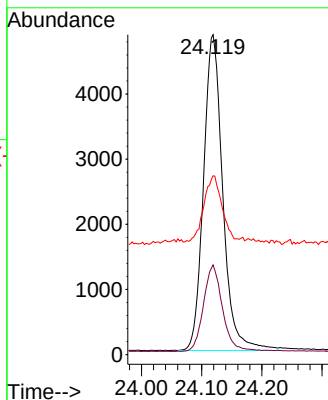
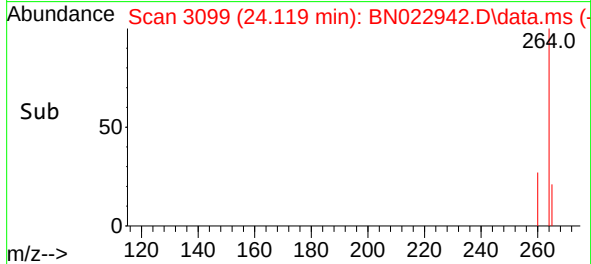


|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 1079 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 28.0  | 21.7  | 32.5 |
| 265       | 55.9  | 31.0  | 46.4 |

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2022



#36

Indeno(1,2,3-cd)pyrene

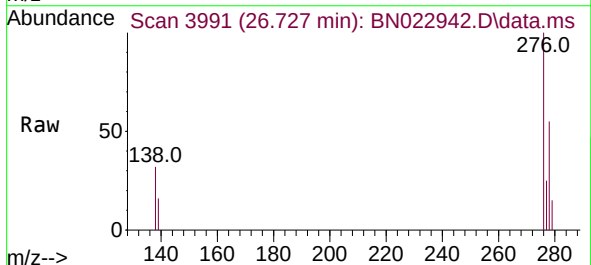
Concen: 0.499 ng

RT: 26.727 min Scan# 3991

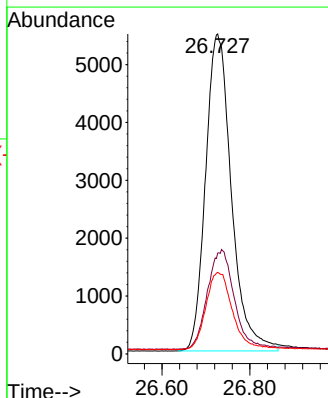
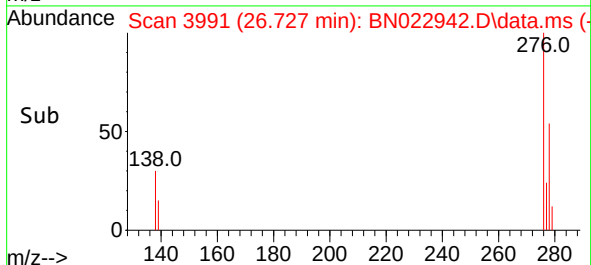
Delta R.T. -0.005 min

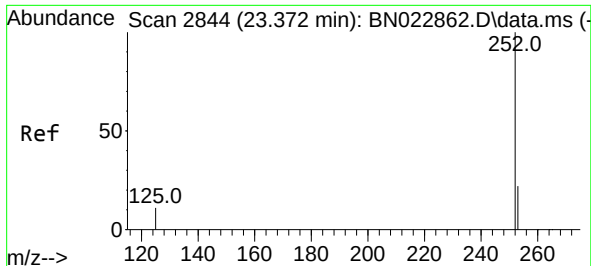
Lab File: BN022942.D

Acq: 29 Nov 2022 07:38



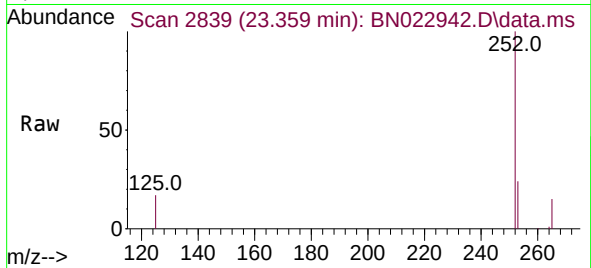
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 22341 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 32.5  | 24.4  | 36.6  |
| 277       | 25.1  | 19.9  | 29.9  |





#37  
Benzo(b)fluoranthene  
Concen: 0.436 ng m  
RT: 23.359 min Scan# 2839  
Delta R.T. 0.001 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

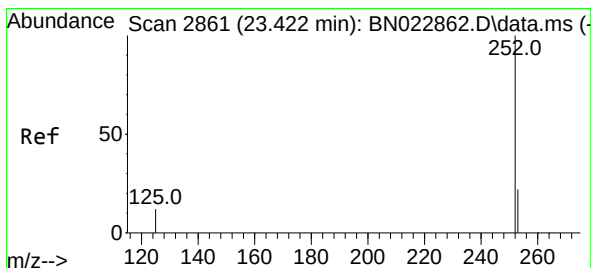
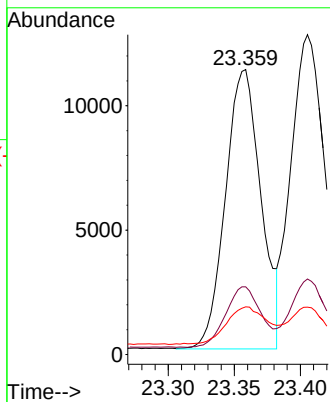
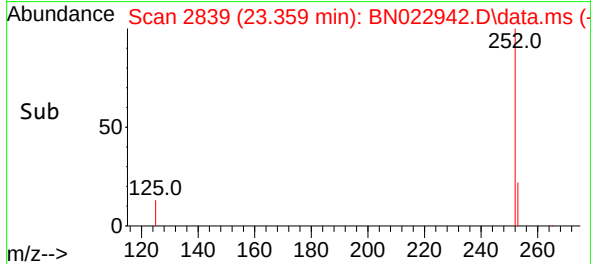
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



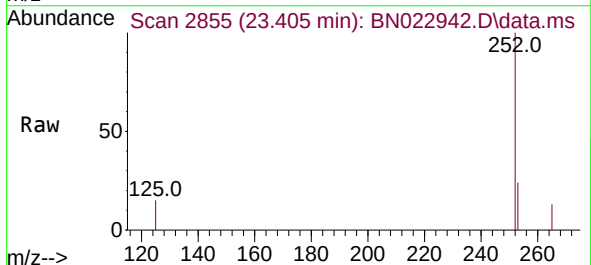
Tgt Ion:252 Resp: 21030  
Ion Ratio Lower Upper  
252 100  
253 23.8 18.5 27.7  
125 16.7 10.8 16.2

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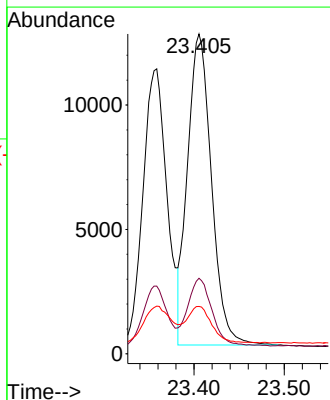
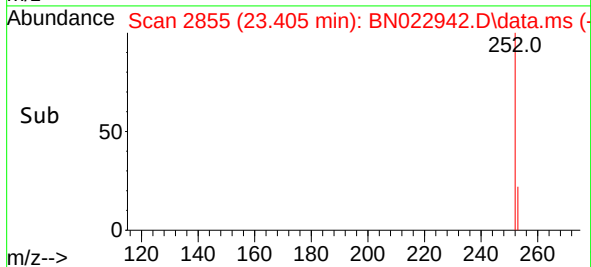
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022

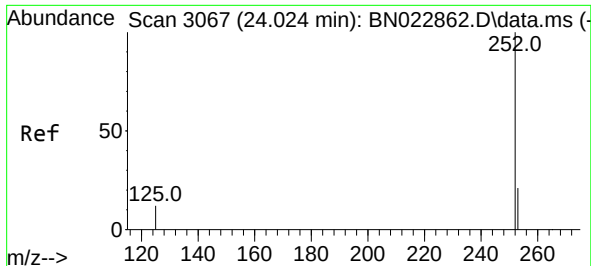


#38  
Benzo(k)fluoranthene  
Concen: 0.441 ng  
RT: 23.405 min Scan# 2855  
Delta R.T. -0.005 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38



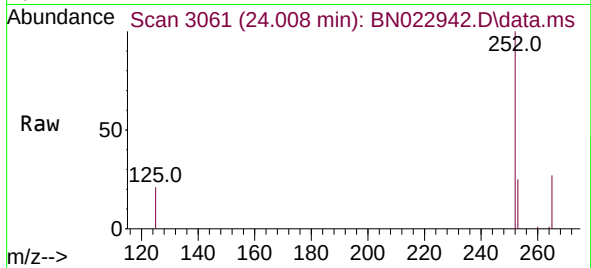
Tgt Ion:252 Resp: 23022  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.6 27.8  
125 14.8 11.0 16.4





#39  
Benzo(a)pyrene  
Concen: 0.399 ng  
RT: 24.008 min Scan# 3061  
Delta R.T. -0.002 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

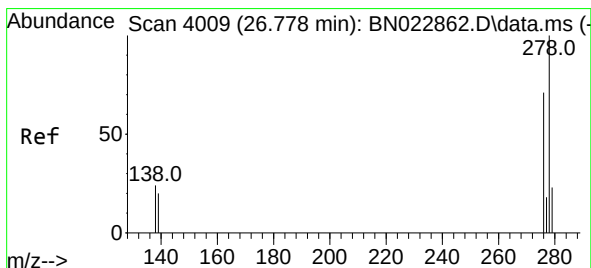
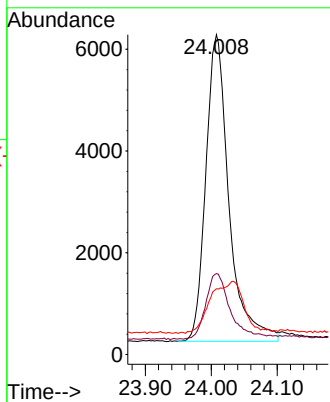
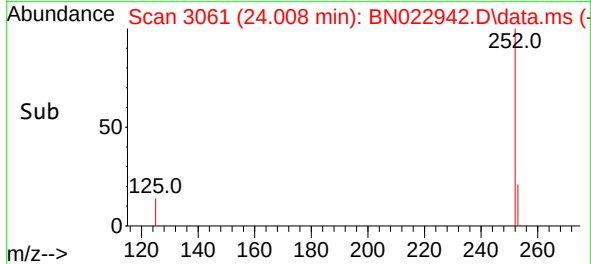
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:252 Resp: 14682  
Ion Ratio Lower Upper  
252 100  
253 25.3 19.2 28.8  
125 20.6 12.7 19.1

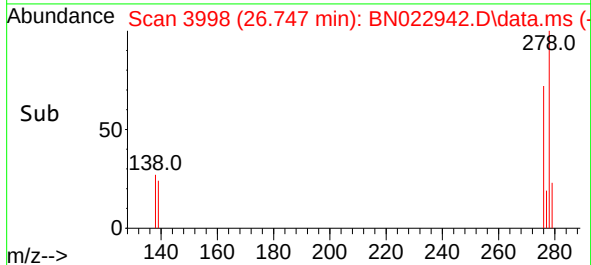
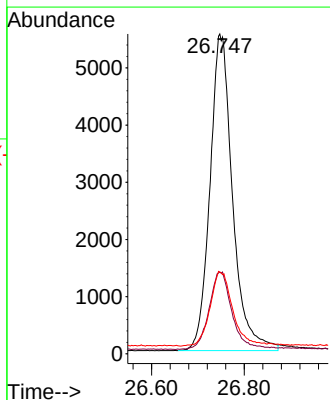
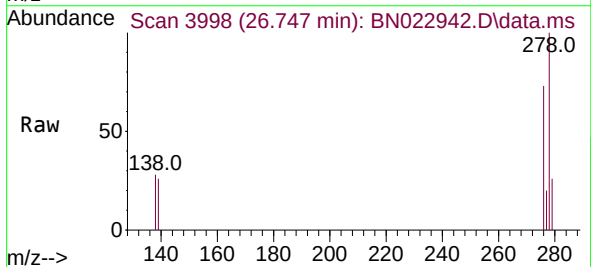
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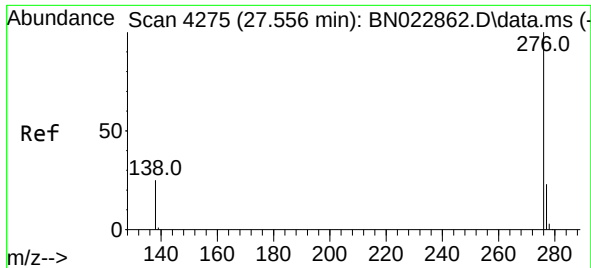
Reviewed By :Christian Giraldo 11/29/2022  
Supervised By :mohammad ahmed 12/01/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.527 ng  
RT: 26.747 min Scan# 3998  
Delta R.T. -0.008 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

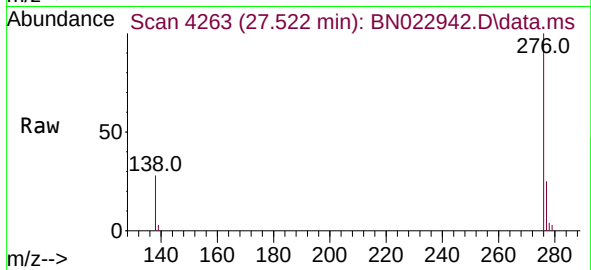
Tgt Ion:278 Resp: 18744  
Ion Ratio Lower Upper  
278 100  
139 25.6 17.4 26.0  
279 25.5 20.0 30.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.487 ng  
RT: 27.522 min Scan# 41  
Delta R.T. -0.008 min  
Lab File: BN022942.D  
Acq: 29 Nov 2022 07:38

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:276 Resp: 1868  
Ion Ratio Lower Upper  
276 100  
277 24.6 19.7 29.5  
138 28.3 21.4 32.2

Manual Integrations  
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Supervised By :mohammad ahmed 12/01/2022

