

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091422\  
 Data File : BN021740.D  
 Acq On : 14 Sep 2022 10:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022  
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 02:07:53 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 01:55:04 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.054  | 152  | 5074     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.887 | 136  | 15707    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.707 | 164  | 9359     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.456 | 188  | 20676    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.656 | 240  | 15829    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.165 | 264  | 12466    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.584  | 112  | 4787     | 0.361 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.209  | 99   | 5874     | 0.349 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.232  | 82   | 4651     | 0.358 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.471 | 152  | 14336    | 0.362 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.197 | 330  | 1379     | 0.322 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.339 | 172  | 14899    | 0.390 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.490 | 212  | 20426    | 0.367 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.080 | 244  | 14122    | 0.390 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.403  | 88   | 2530     | 0.386 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.735  | 42   | 2576     | 0.387 | ng    | 91       |
| 6) bis(2-Chloroethyl)ether    | 7.469  | 93   | 6330     | 0.379 | ng    | 99       |
| 9) Naphthalene                | 10.930 | 128  | 17630    | 0.380 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.218 | 225  | 3023     | 0.390 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.172 | 142  | 3069     | 0.308 | ng    | 100      |
| 16) Acenaphthylene            | 14.429 | 152  | 15651    | 0.350 | ng    | 100      |
| 17) Acenaphthene              | 14.771 | 154  | 11587    | 0.379 | ng    | 100      |
| 18) Fluorene                  | 15.758 | 166  | 15312    | 0.377 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.647 | 248  | 4726     | 0.371 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.763 | 284  | 5572     | 0.389 | ng    | 100      |
| 23) Atrazine                  | 16.913 | 200  | 3472     | 0.330 | ng    | 99       |
| 24) Pentachlorophenol         | 17.109 | 266  | 2176     | 0.405 | ng    | 99       |
| 25) Phenanthrene              | 17.502 | 178  | 26423    | 0.381 | ng    | 100      |
| 26) Anthracene                | 17.594 | 178  | 20745    | 0.353 | ng    | 99       |
| 28) Fluoranthene              | 19.519 | 202  | 27941    | 0.374 | ng    | 100      |
| 30) Pyrene                    | 19.886 | 202  | 30658    | 0.390 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.638 | 228  | 22196    | 0.366 | ng    | 100      |
| 33) Chrysene                  | 21.692 | 228  | 25021    | 0.397 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.548 | 149  | 11626    | 0.287 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.805 | 276  | 23528    | 0.397 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.388 | 252  | 22340    | 0.395 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.440 | 252  | 22133m   | 0.400 | ng    |          |
| 39) Benzo(a)pyrene            | 24.051 | 252  | 16655    | 0.369 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 26.826 | 278  | 18523    | 0.395 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 27.618 | 276  | 19774    | 0.410 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

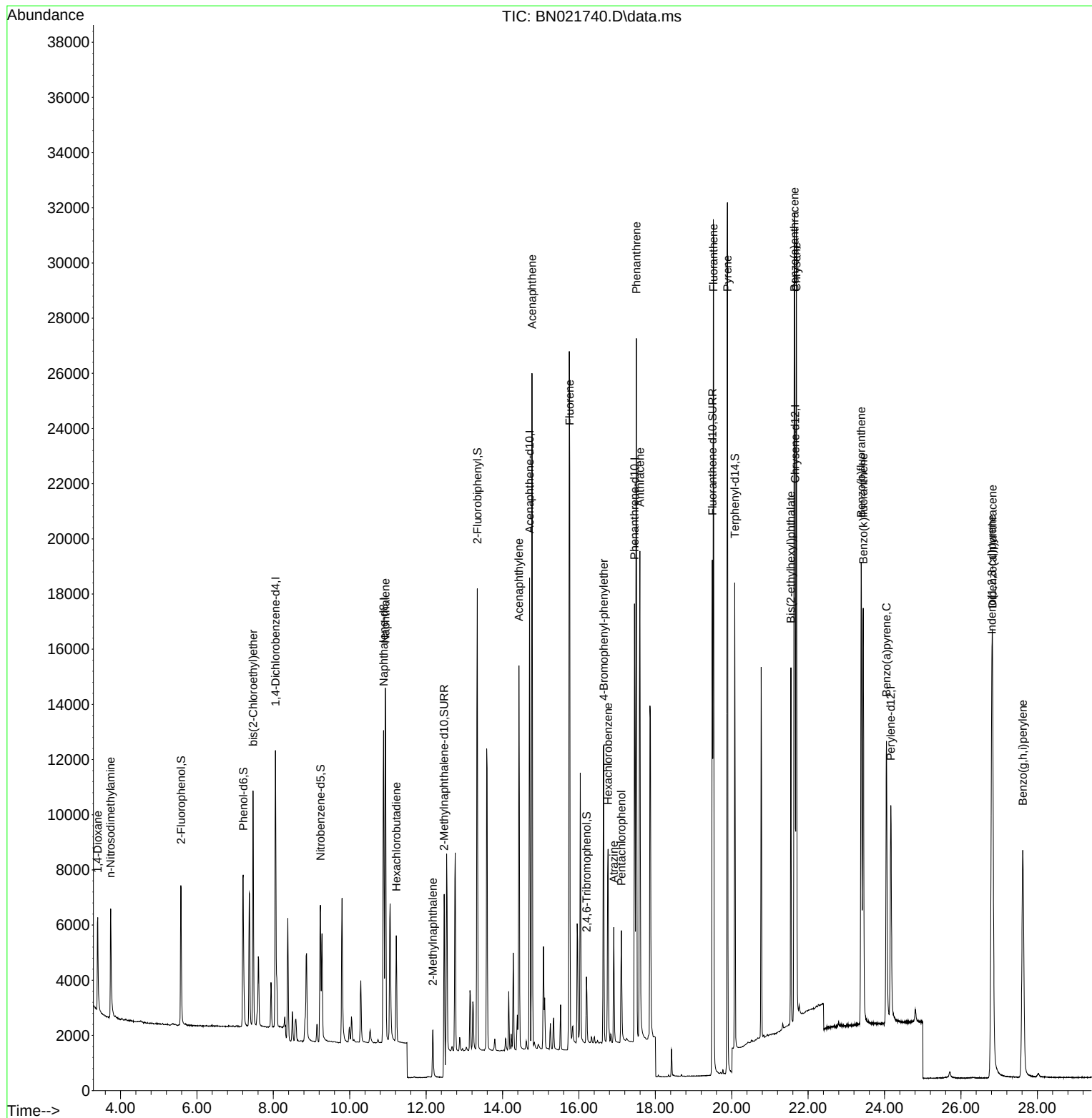
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091422\  
Data File : BN021740.D  
Acq On : 14 Sep 2022 10:41  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

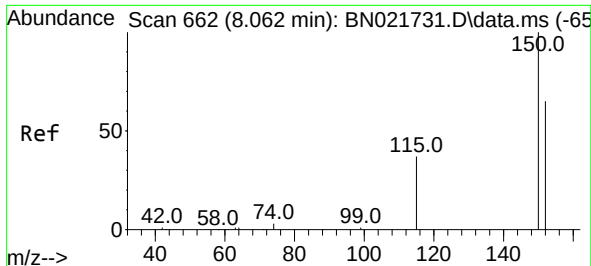
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Sep 15 02:07:53 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091422.M  
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Supervised By :Jagrut Upadhyay 09/15/2022





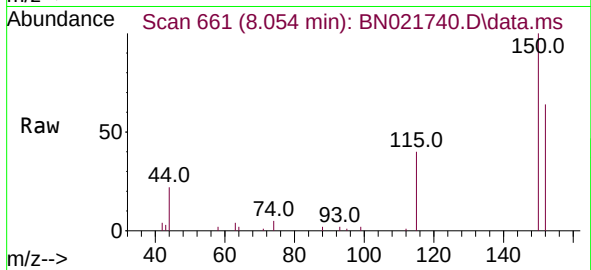
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 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.054 min Scan# 60  
 Delta R.T. -0.008 min  
 Lab File: BN021740.D  
 Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

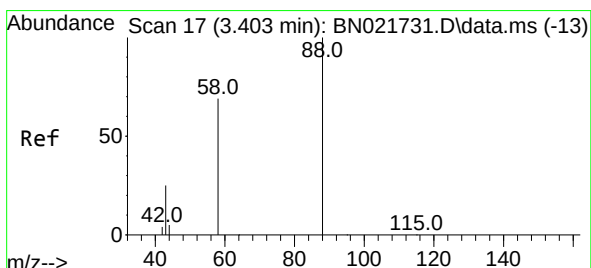
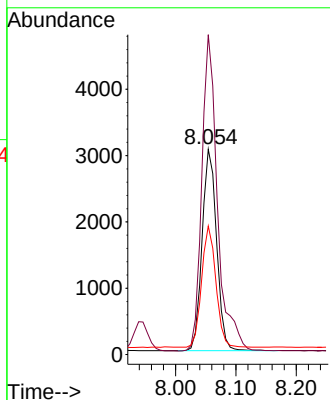
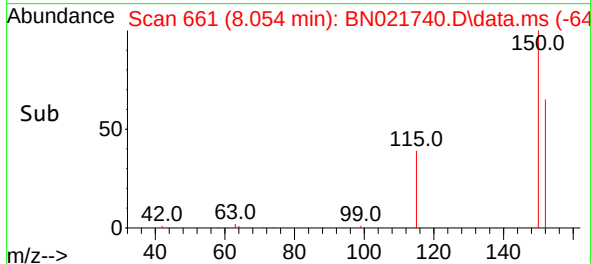


Tgt Ion:152 Resp: 5074  
 Ion Ratio Lower Upper  
 152 100  
 150 155.8 121.8 182.8  
 115 62.6 48.3 72.5

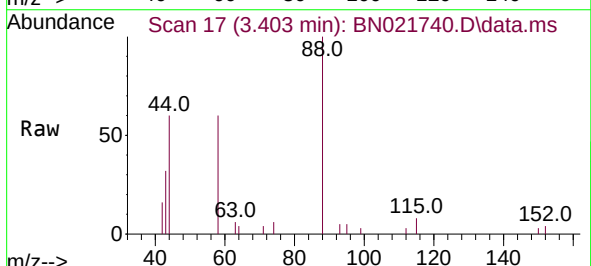
Manual Integrations

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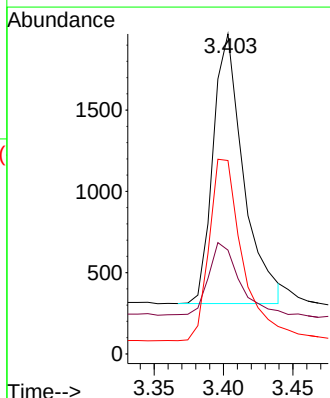
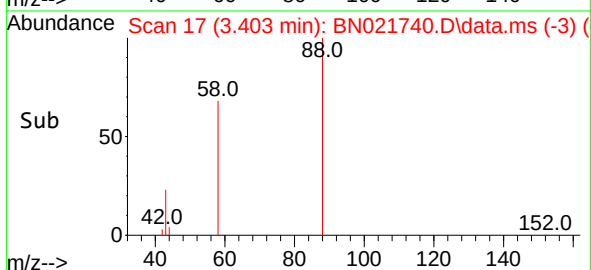
Reviewed By :Christian Giraldo 09/15/2022  
 Supervised By :Jagrut Upadhyay 09/15/2022

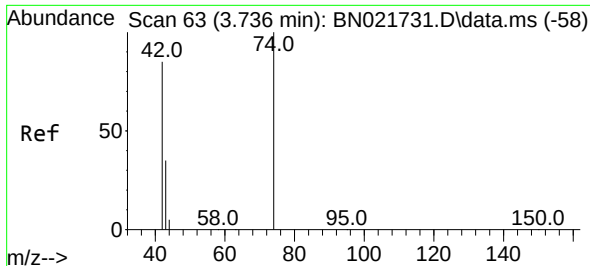


#2  
 1,4-Dioxane  
 Concen: 0.386 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: BN021740.D  
 Acq: 14 Sep 2022 10:41



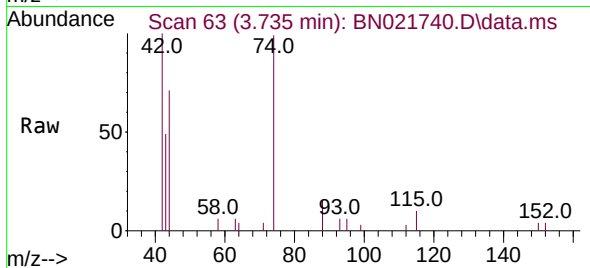
Tgt Ion: 88 Resp: 2530  
 Ion Ratio Lower Upper  
 88 100  
 43 26.8 24.2 36.2  
 58 73.0 60.2 90.4





#3  
n-Nitrosodimethylamine  
Concen: 0.387 ng  
RT: 3.735 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

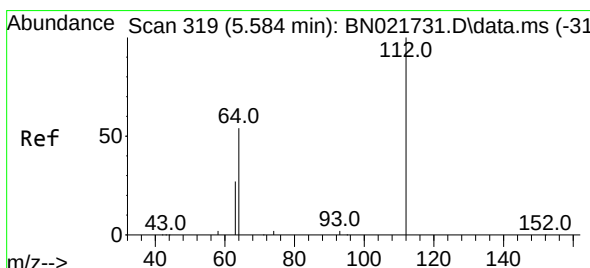
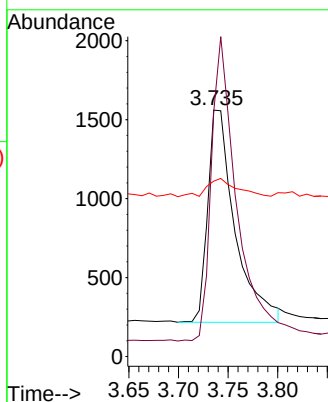
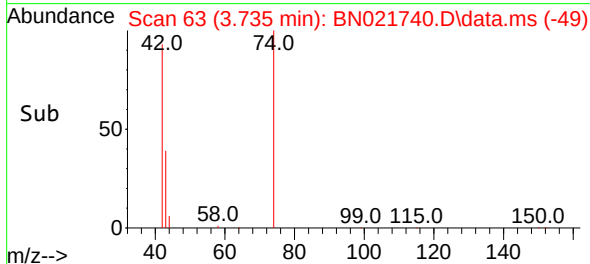
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion: 42 Resp: 2576  
Ion Ratio Lower Upper  
42 100  
74 133.5 116.3 174.5  
44 9.4 9.0 13.4

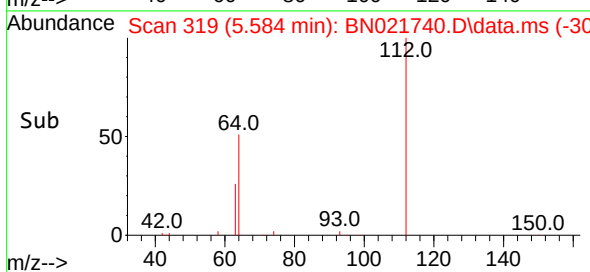
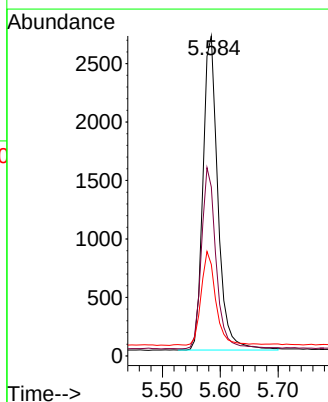
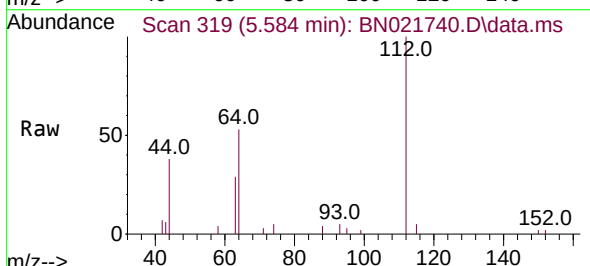
Manual Integrations  
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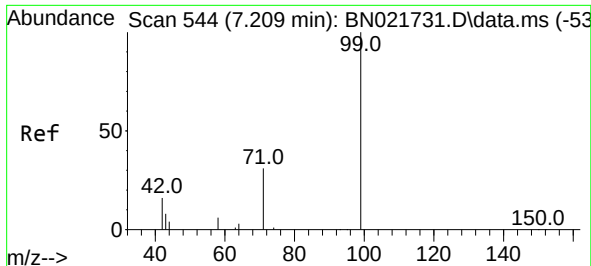
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#4  
2-Fluorophenol  
Concen: 0.361 ng  
RT: 5.584 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Tgt Ion: 112 Resp: 4787  
Ion Ratio Lower Upper  
112 100  
64 56.9 45.4 68.2  
63 29.0 23.3 34.9





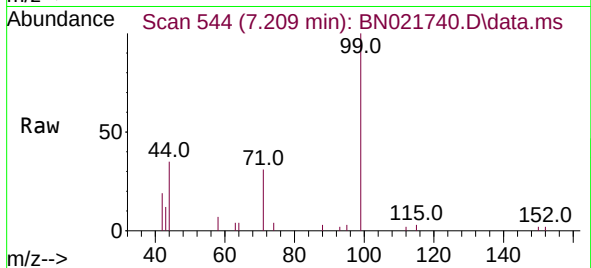
#5  
Phenol-d6  
Concen: 0.349 ng  
RT: 7.209 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

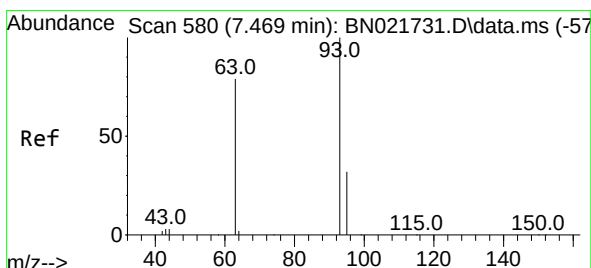
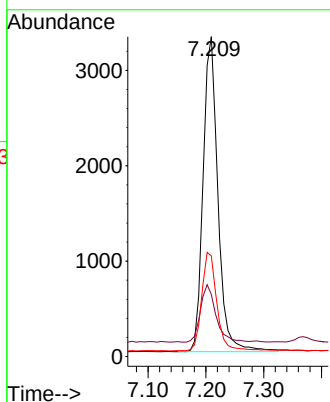
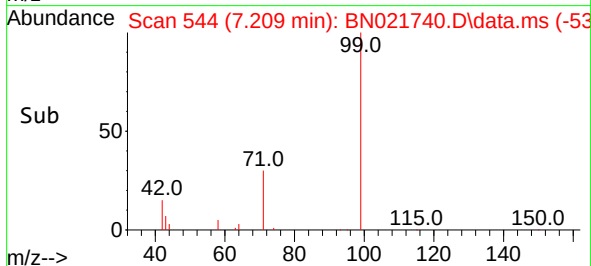


Tgt Ion: 99 Resp: 5874  
Ion Ratio Lower Upper  
99 100  
42 18.9 15.1 22.7  
71 31.9 25.3 37.9

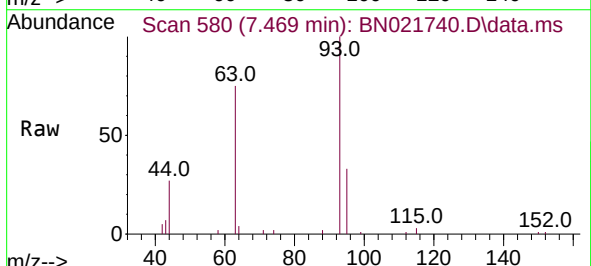
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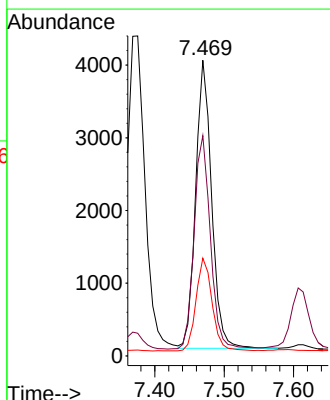
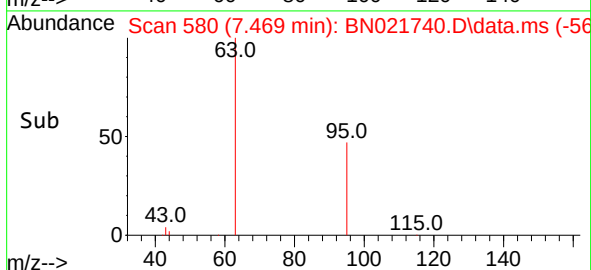
Reviewed By :Christian Giraldo 09/15/2022  
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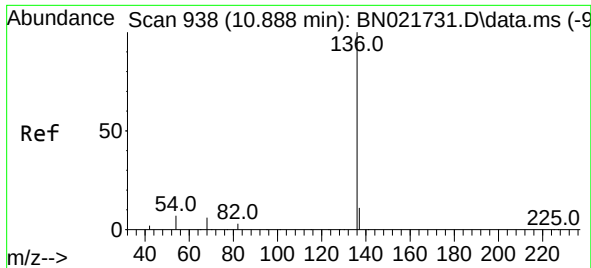


#6  
bis(2-Chloroethyl)ether  
Concen: 0.379 ng  
RT: 7.469 min Scan# 580  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion: 93 Resp: 6330  
Ion Ratio Lower Upper  
93 100  
63 75.6 60.0 90.0  
95 32.4 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.887 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

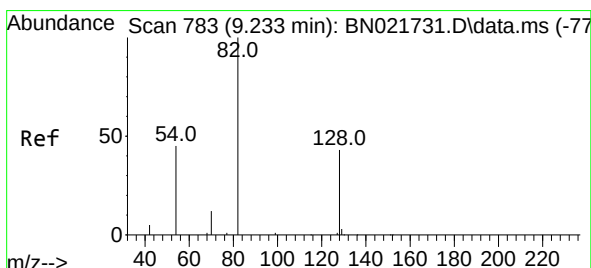
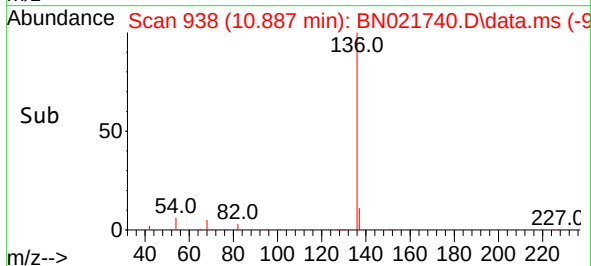
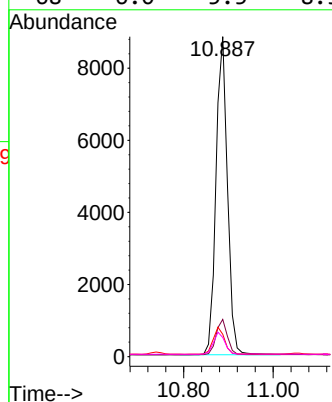
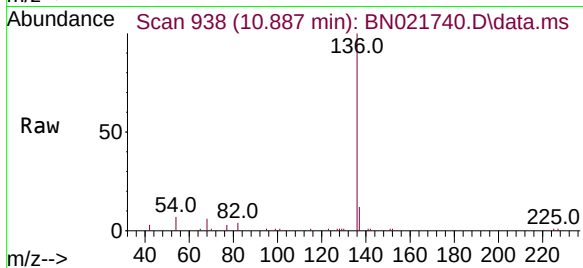
SSTDCCC0.4

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.6  | 9.1   | 13.7  |
| 54      | 7.0   | 6.4   | 9.6   |
| 68      | 6.0   | 5.5   | 8.3   |

Manual Integrations

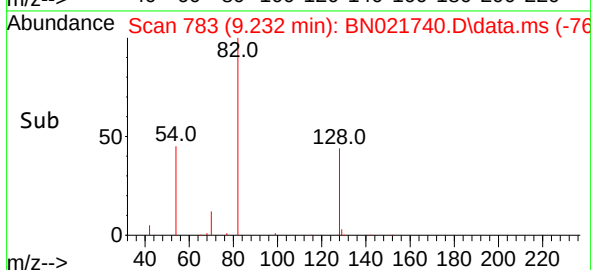
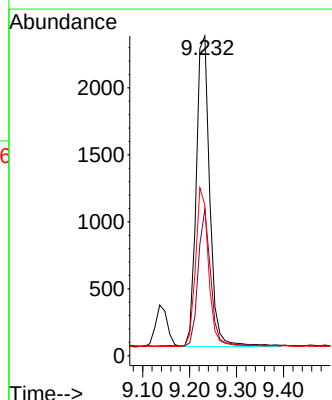
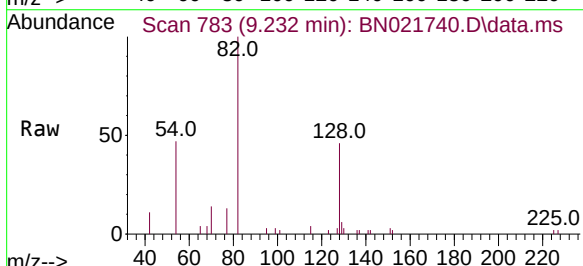
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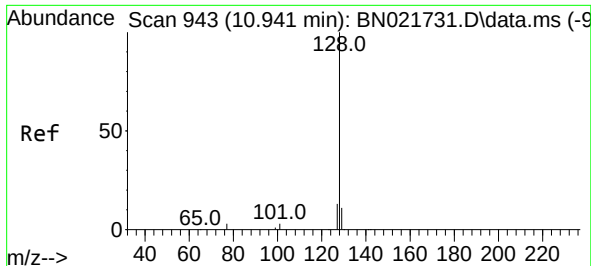
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#8  
Nitrobenzene-d5  
Concen: 0.358 ng  
RT: 9.232 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.8  | 35.6  | 53.4  |
| 54      | 47.1  | 37.8  | 56.8  |





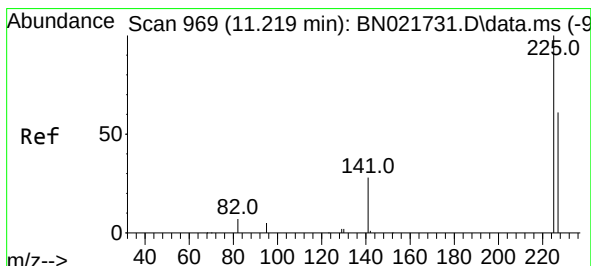
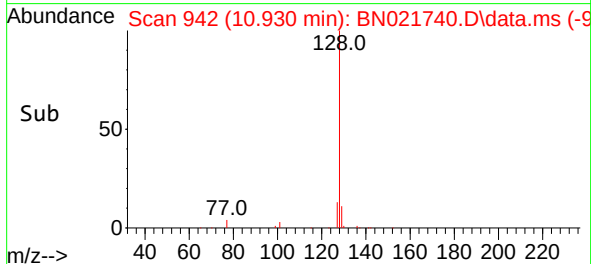
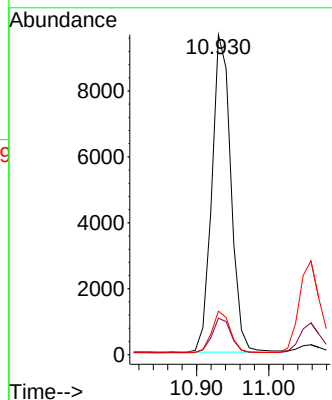
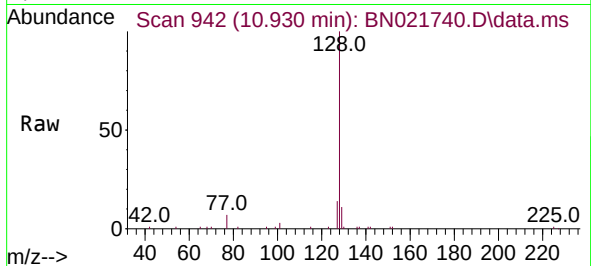
#9  
Naphthalene  
Concen: 0.380 ng  
RT: 10.930 min Scan# 943  
Delta R.T. -0.011 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:128 Resp: 17630  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.6 10.5 15.7

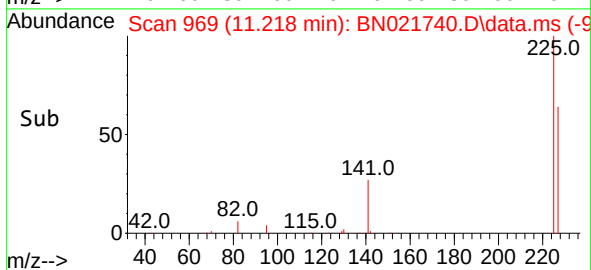
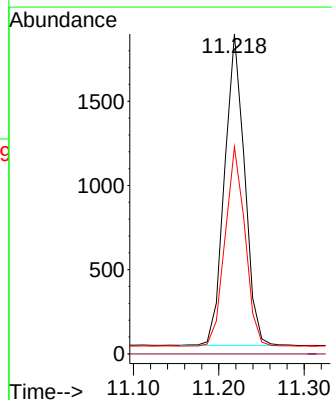
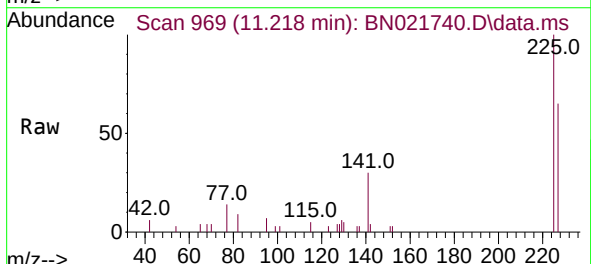
Manual Integrations  
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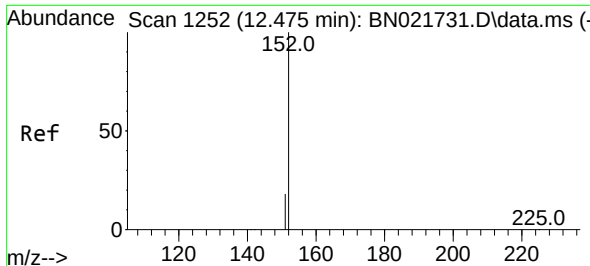
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#10  
Hexachlorobutadiene  
Concen: 0.390 ng  
RT: 11.218 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

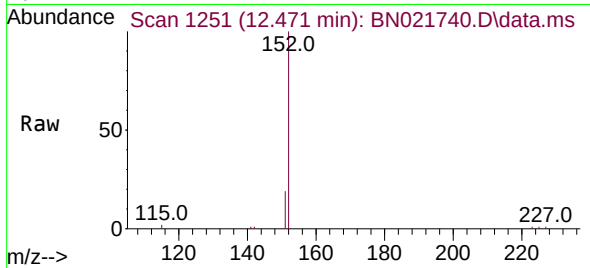
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 50.4 75.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.362 ng  
RT: 12.471 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

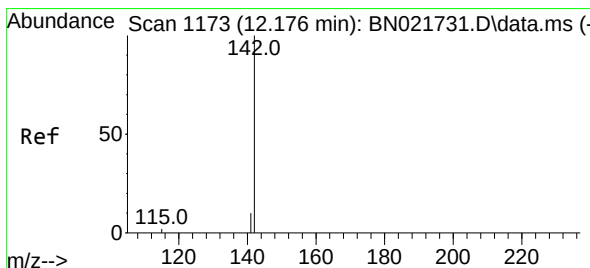
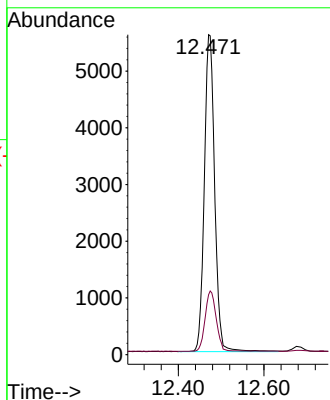
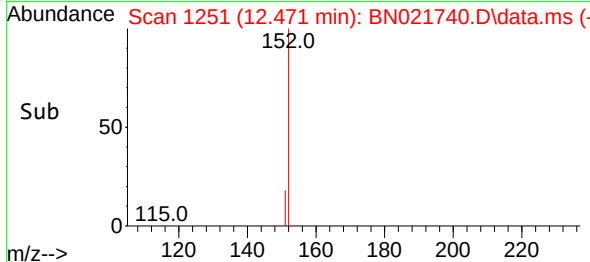
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



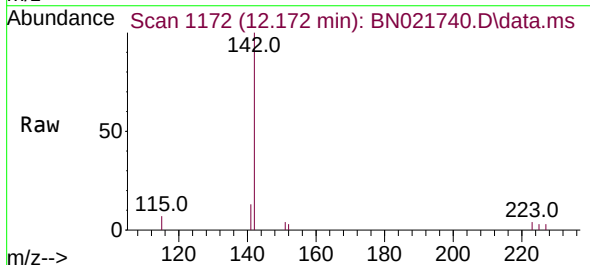
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

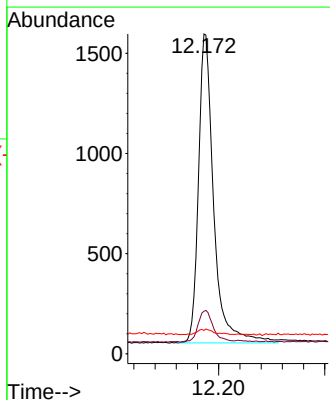
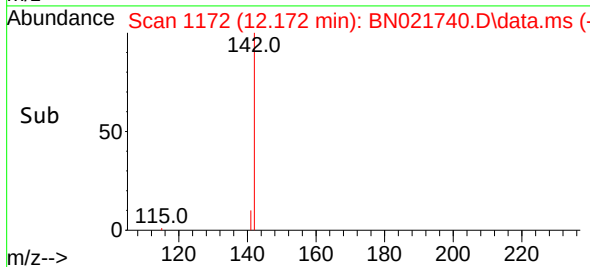
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



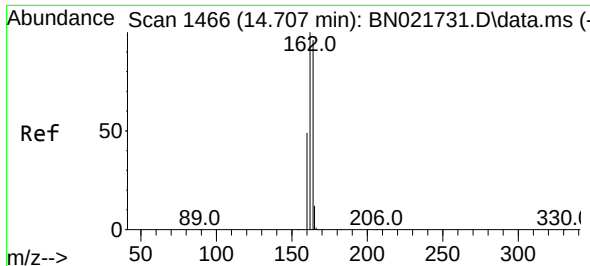
#12  
2-Methylnaphthalene  
Concen: 0.308 ng  
RT: 12.172 min Scan# 1172  
Delta R.T. -0.004 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion:142 Resp: 3069  
Ion Ratio Lower Upper  
142 100  
141 13.3 10.6 16.0  
115 7.3 5.6 8.4

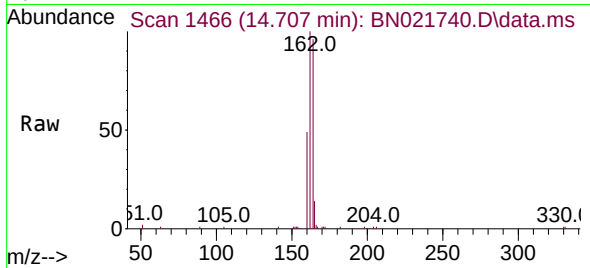






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.707 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

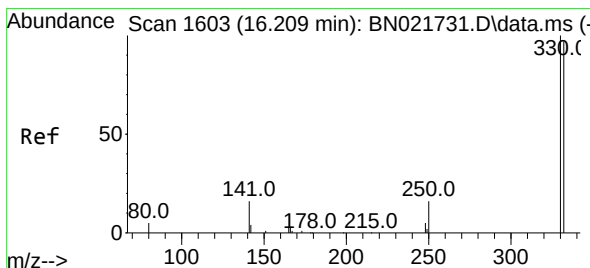
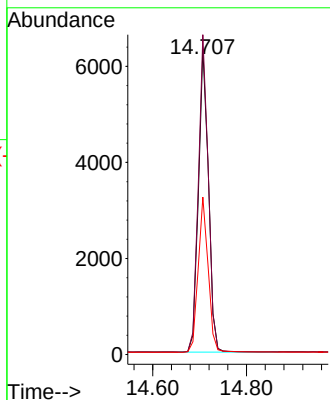
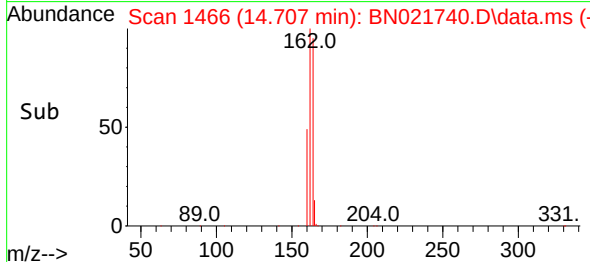
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



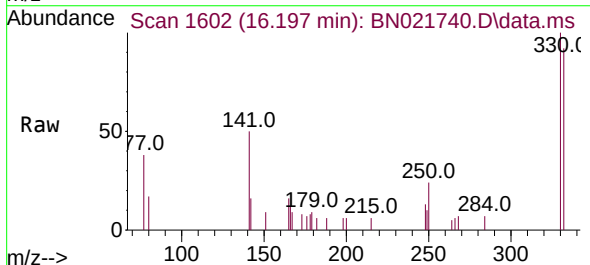
Tgt Ion:164 Resp: 9359  
Ion Ratio Lower Upper  
164 100  
162 104.7 83.2 124.8  
160 51.5 40.9 61.3

Manual Integrations  
APPROVED

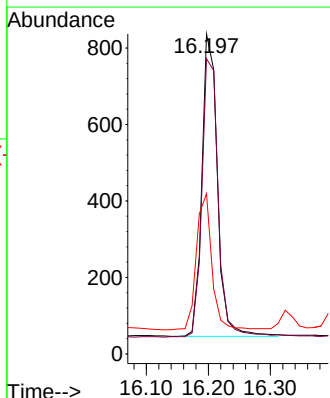
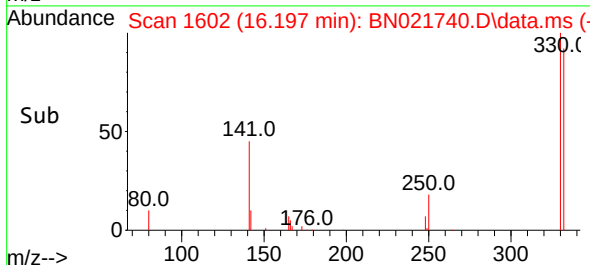
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

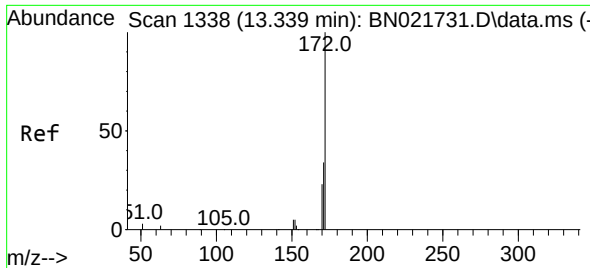


#14  
2,4,6-Tribromophenol  
Concen: 0.322 ng  
RT: 16.197 min Scan# 1602  
Delta R.T. -0.012 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



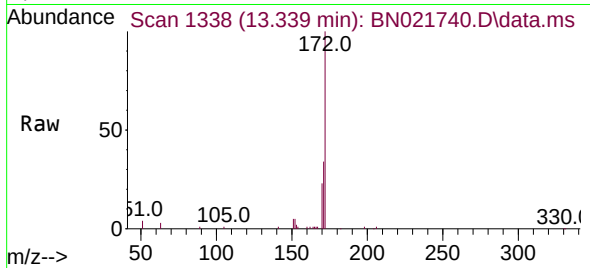
Tgt Ion:330 Resp: 1379  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.8 115.2  
141 44.6 37.2 55.8





#15  
2-Fluorobiphenyl  
Concen: 0.390 ng  
RT: 13.339 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

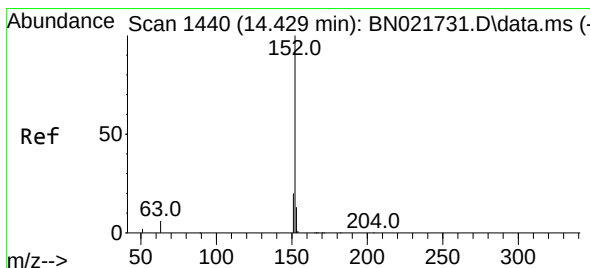
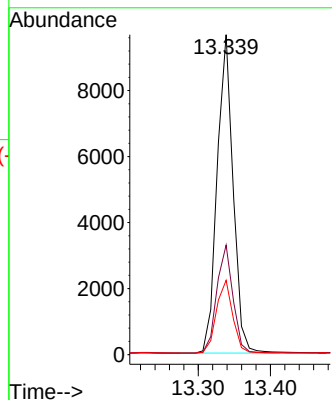
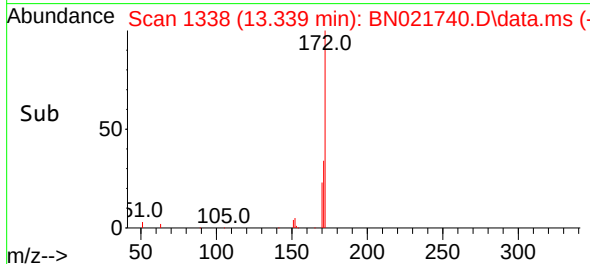
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



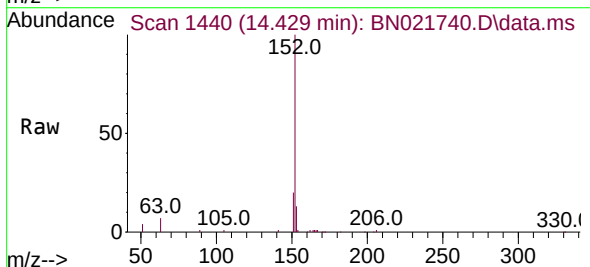
Tgt Ion:172 Resp: 14899  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.7 41.5  
170 23.2 18.8 28.2

Manual Integrations  
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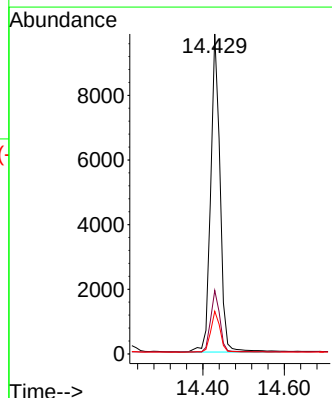
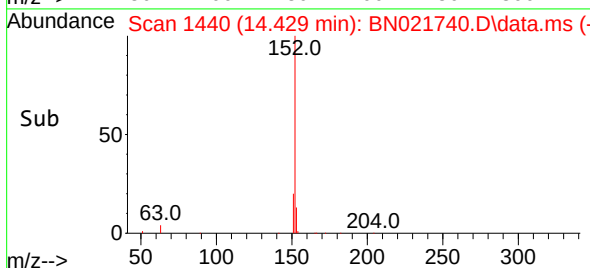
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

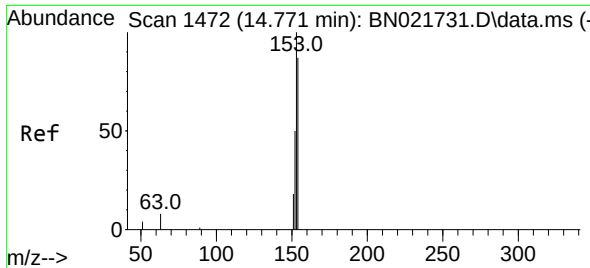


#16  
Acenaphthylene  
Concen: 0.350 ng  
RT: 14.429 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



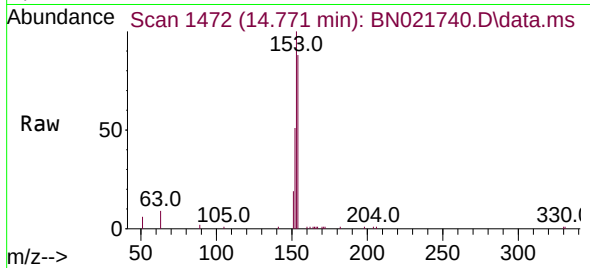
Tgt Ion:152 Resp: 15651  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.4 23.0  
153 13.0 10.3 15.5





#17  
Acenaphthene  
Concen: 0.379 ng  
RT: 14.771 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

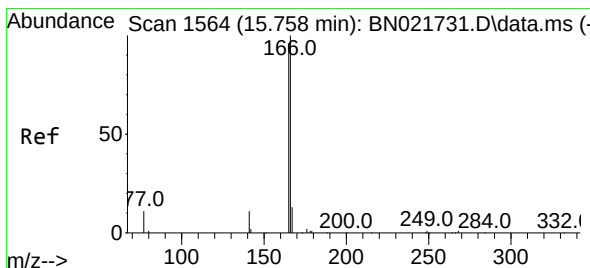
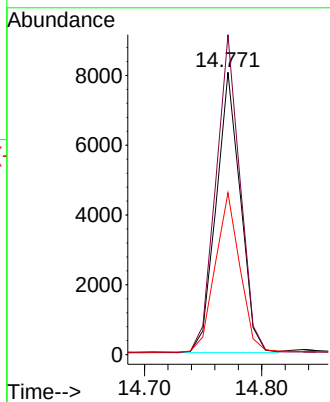
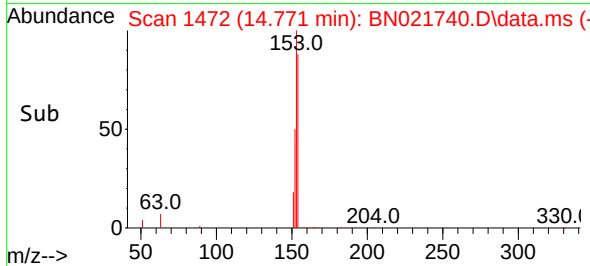
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



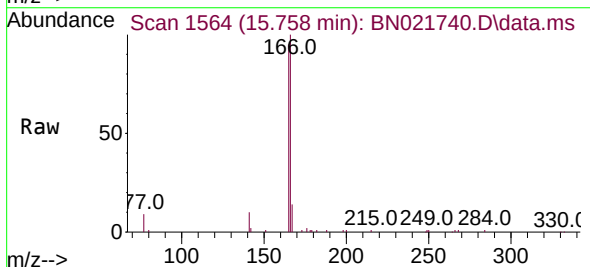
Tgt Ion:154 Resp: 1158  
Ion Ratio Lower Upper  
154 100  
153 113.8 91.0 136.4  
152 58.3 46.0 69.0

Manual Integrations  
APPROVED

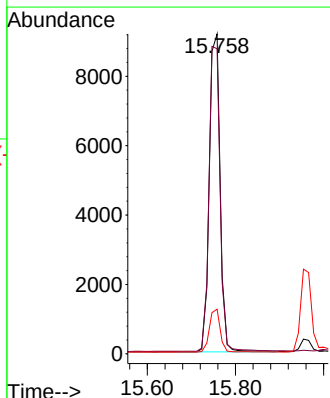
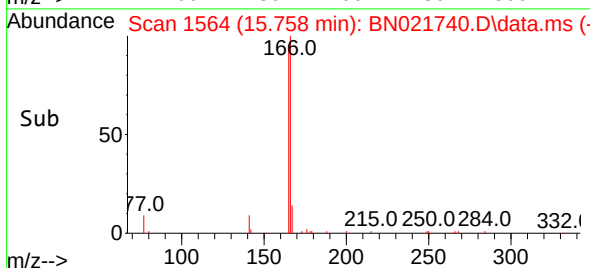
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

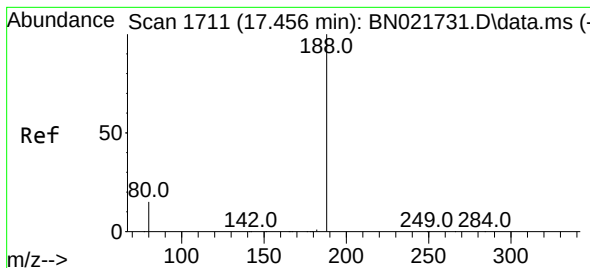


#18  
Fluorene  
Concen: 0.377 ng  
RT: 15.758 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



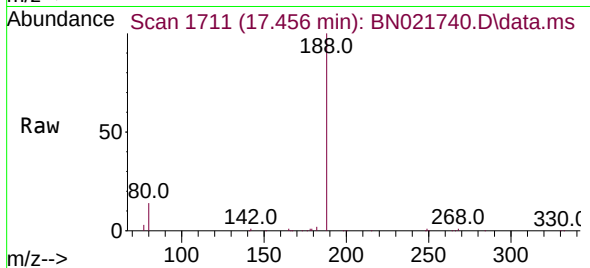
Tgt Ion:166 Resp: 15312  
Ion Ratio Lower Upper  
166 100  
165 99.2 79.4 119.0  
167 13.4 10.6 15.8





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.456 min Scan# 1711  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

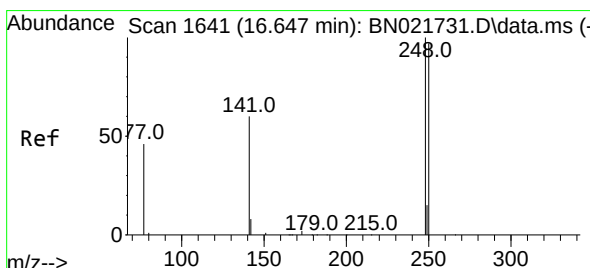
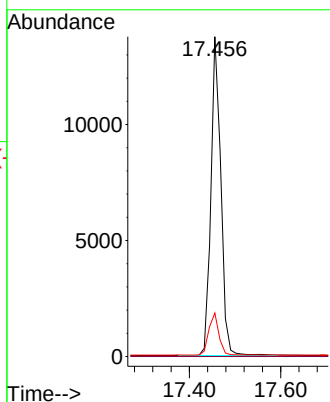
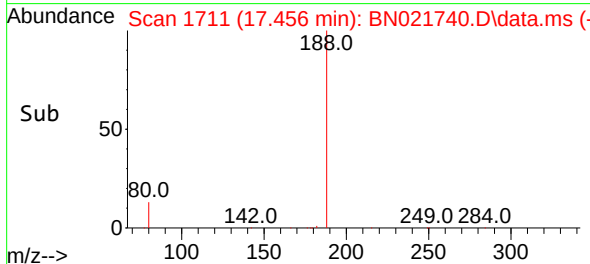
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



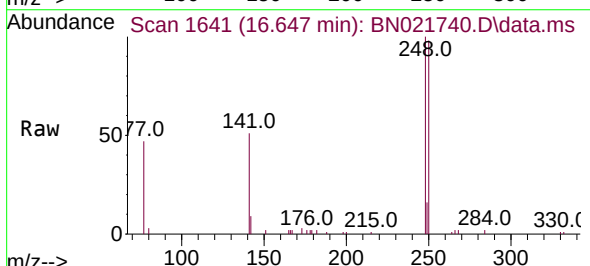
Tgt Ion:188 Resp: 20676  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.6 12.6 19.0

Manual Integrations  
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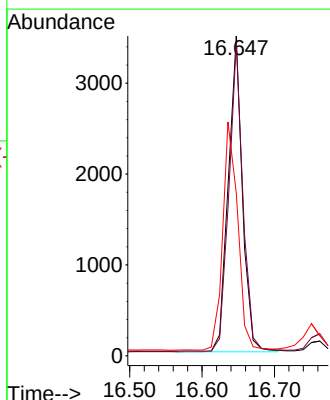
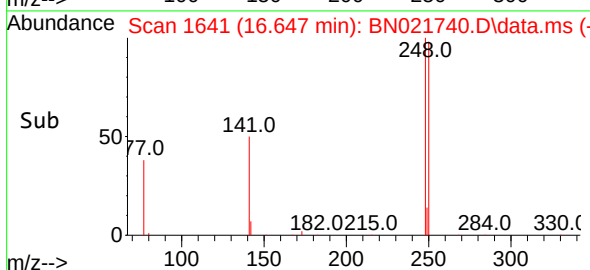
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

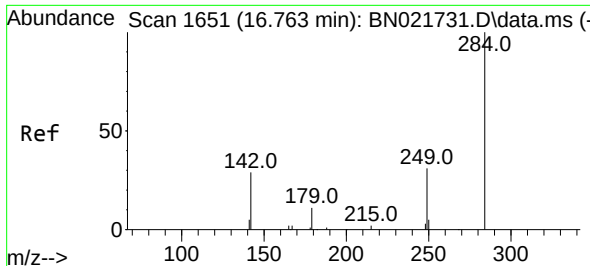


#21  
4-Bromophenyl-phenylether  
Concen: 0.371 ng  
RT: 16.647 min Scan# 1641  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion:248 Resp: 4726  
Ion Ratio Lower Upper  
248 100  
250 97.8 77.8 116.8  
141 50.9 49.0 73.4





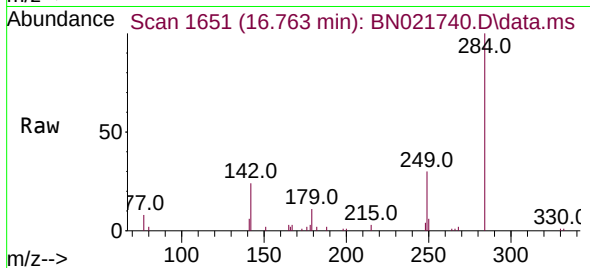
#22  
Hexachlorobenzene  
Concen: 0.389 ng  
RT: 16.763 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

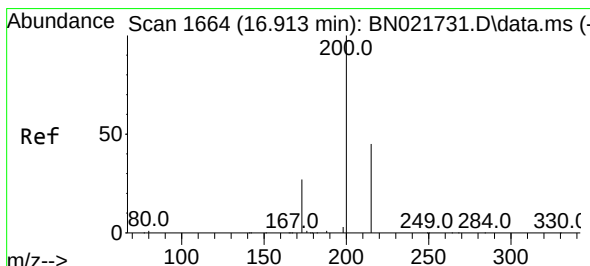
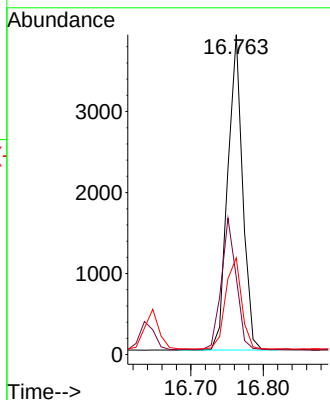
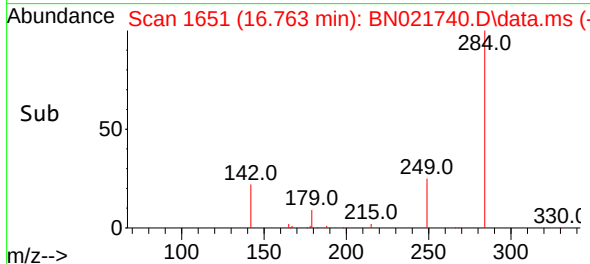


Tgt Ion:284 Resp: 5572  
Ion Ratio Lower Upper  
284 100  
142 42.0 33.4 50.2  
249 31.0 25.1 37.7

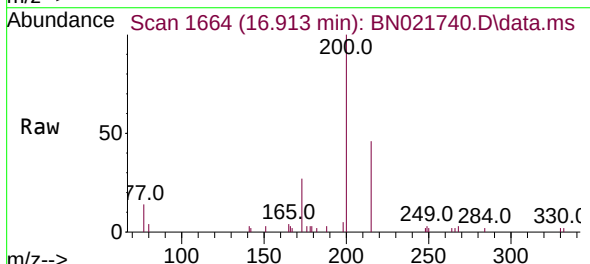
Manual Integrations

APPROVED

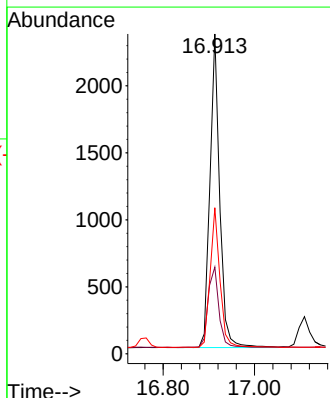
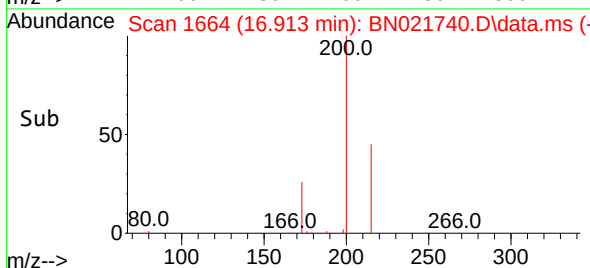
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

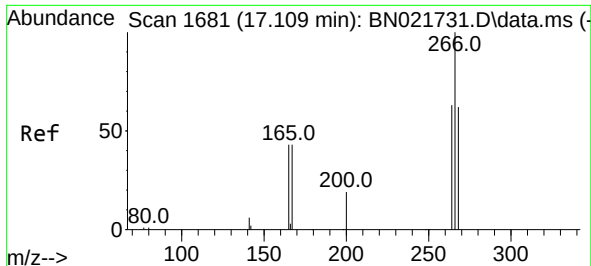


#23  
Atrazine  
Concen: 0.330 ng  
RT: 16.913 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion:200 Resp: 3472  
Ion Ratio Lower Upper  
200 100  
173 27.1 22.9 34.3  
215 45.6 36.9 55.3





#24  
Pentachlorophenol  
Concen: 0.405 ng  
RT: 17.109 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

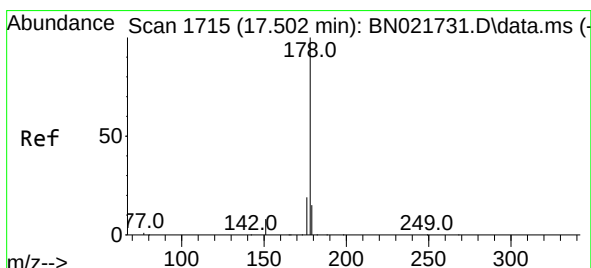
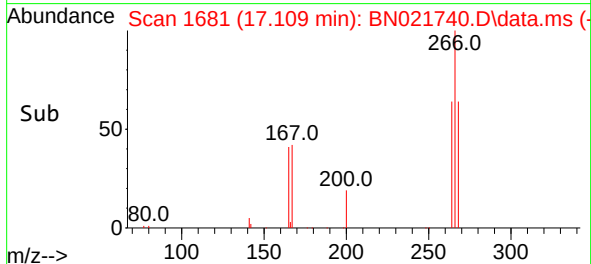
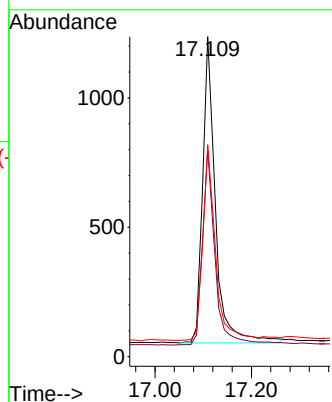
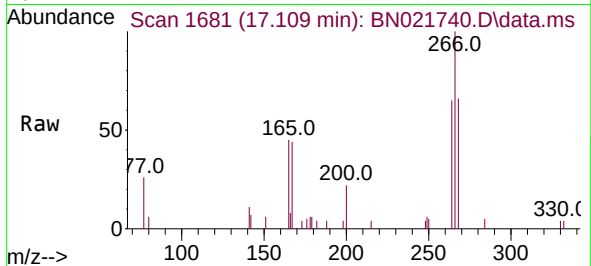
SSTDCCC0.4

Tgt Ion:266 Resp: 2176  
Ion Ratio Lower Upper  
266 100  
264 63.1 50.0 75.0  
268 62.9 50.2 75.2

Manual Integrations

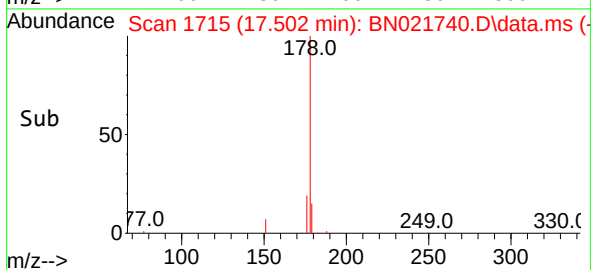
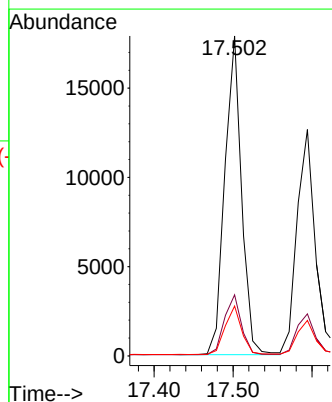
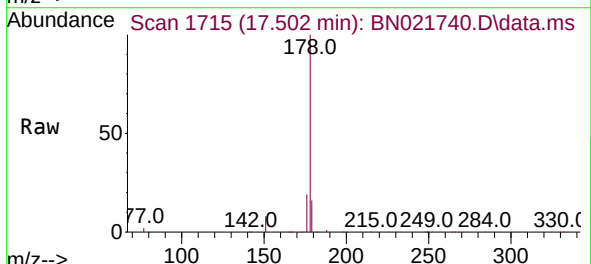
APPROVED

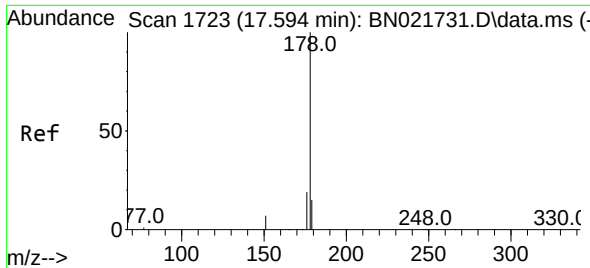
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#25  
Phenanthrene  
Concen: 0.381 ng  
RT: 17.502 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

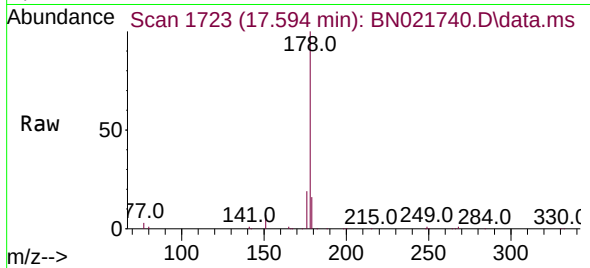
Tgt Ion:178 Resp: 26423  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.2 12.2 18.4





#26  
 Anthracene  
 Concen: 0.353 ng  
 RT: 17.594 min Scan# 1110  
 Delta R.T. -0.000 min  
 Lab File: BN021740.D  
 Acq: 14 Sep 2022 10:41

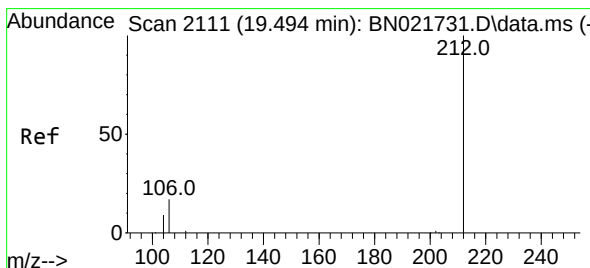
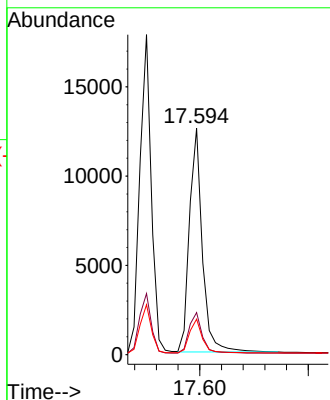
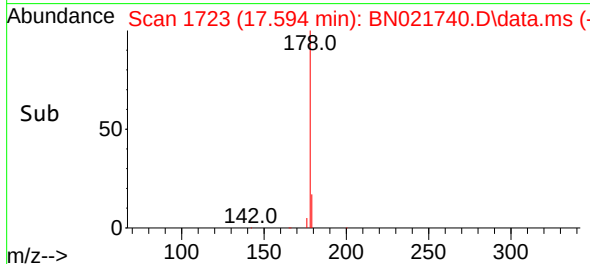
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4



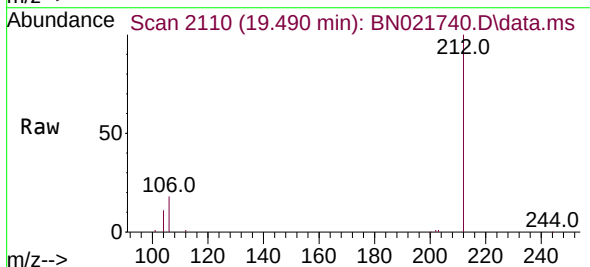
Tgt Ion:178 Resp: 20745  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 15.0 22.6  
 179 15.2 12.2 18.2

Manual Integrations  
 APPROVED

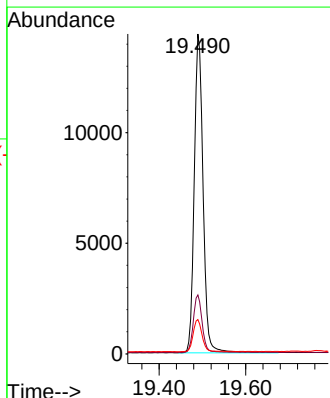
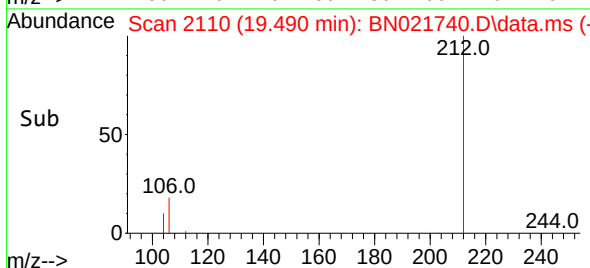
Reviewed By :Christian Giraldo 09/15/2022  
 Supervised By :Jagrut Upadhyay 09/15/2022

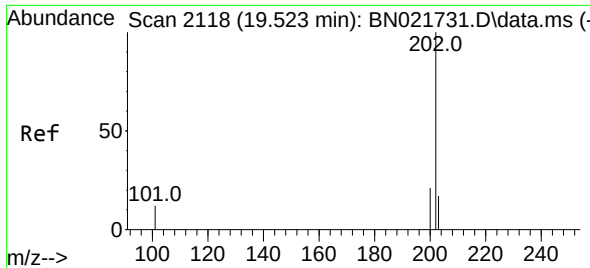


#27  
 Fluoranthene-d10  
 Concen: 0.367 ng  
 RT: 19.490 min Scan# 2110  
 Delta R.T. -0.004 min  
 Lab File: BN021740.D  
 Acq: 14 Sep 2022 10:41



Tgt Ion:212 Resp: 20426  
 Ion Ratio Lower Upper  
 212 100  
 106 18.0 14.3 21.5  
 104 10.2 8.0 12.0





#28  
Fluoranthene  
Concen: 0.374 ng  
RT: 19.519 min Scan# 2117  
Delta R.T. -0.004 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

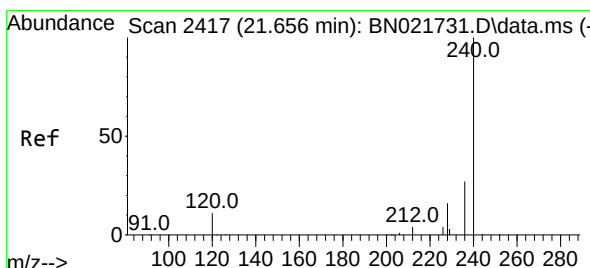
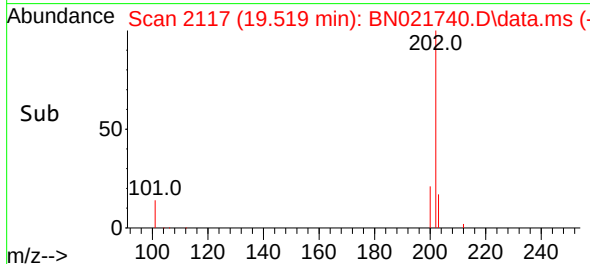
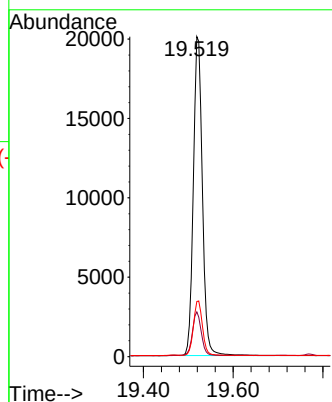
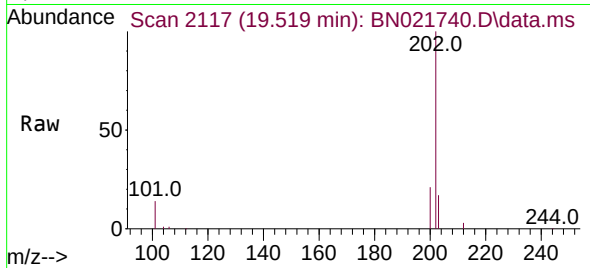
SSTDCCC0.4

Tgt Ion:202 Resp: 2794  
Ion Ratio Lower Upper  
202 100  
101 13.7 11.0 16.4  
203 17.1 13.7 20.5

Manual Integrations

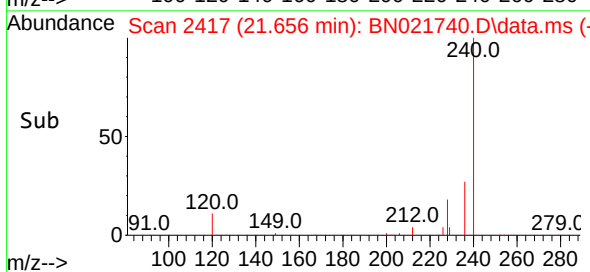
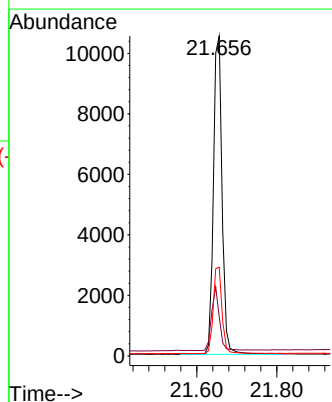
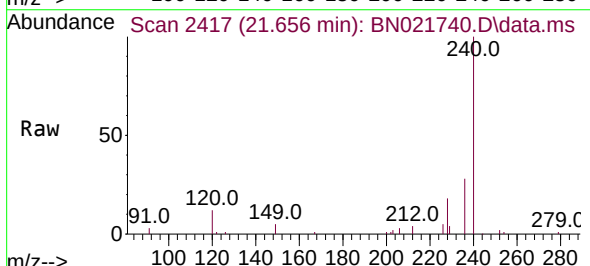
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Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

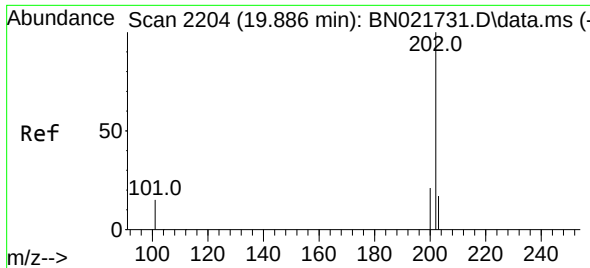


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.656 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Tgt Ion:240 Resp: 15829  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.8 14.8  
236 27.7 22.2 33.4

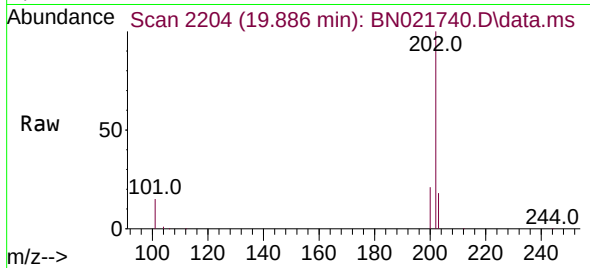






#30  
Pyrene  
Concen: 0.390 ng  
RT: 19.886 min Scan# 2204  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

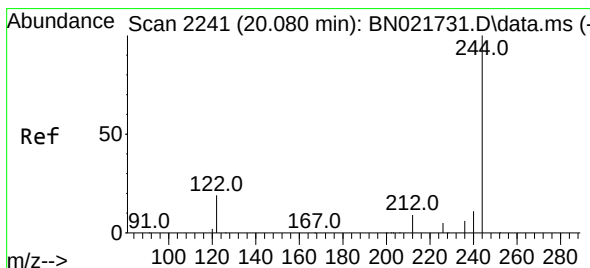
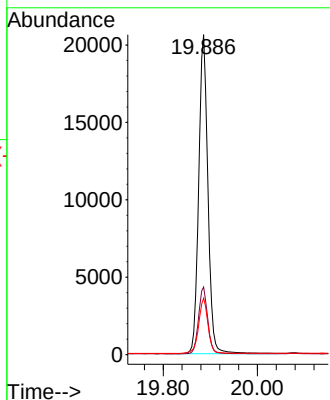
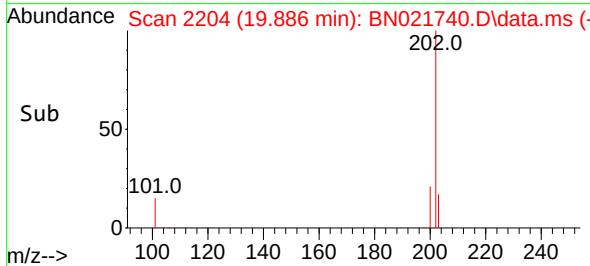
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:202 Resp: 30658  
Ion Ratio Lower Upper  
202 100  
200 20.5 15.0 22.4  
203 16.1 12.8 19.2

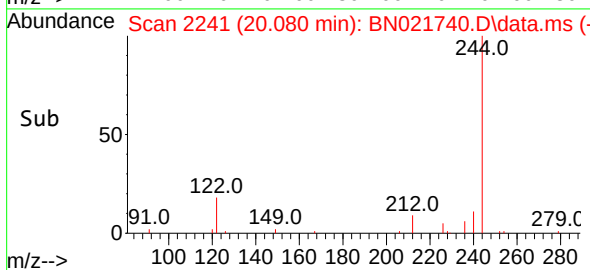
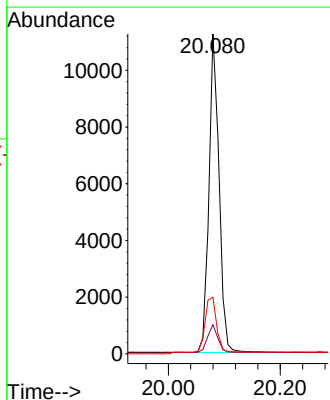
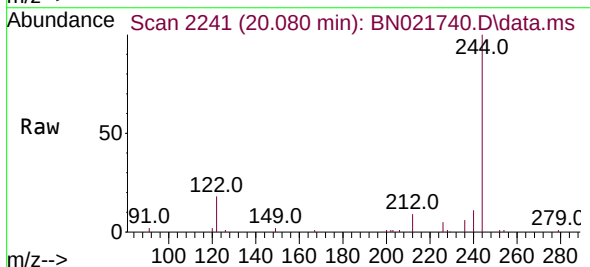
Manual Integrations  
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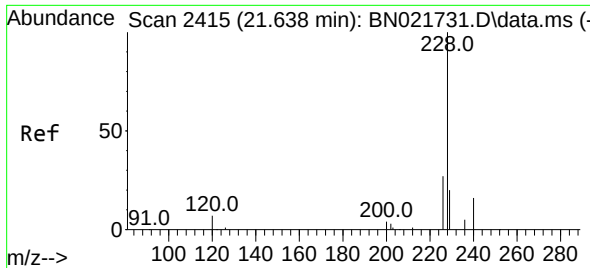
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#31  
Terphenyl-d14  
Concen: 0.390 ng  
RT: 20.080 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

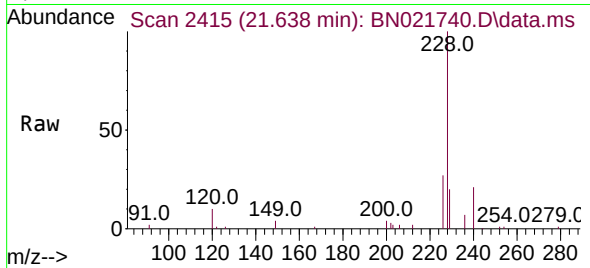
Tgt Ion:244 Resp: 14122  
Ion Ratio Lower Upper  
244 100  
212 9.1 7.9 11.9  
122 17.7 15.8 23.8





#32  
Benzo(a)anthracene  
Concen: 0.366 ng  
RT: 21.638 min Scan# 2415  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

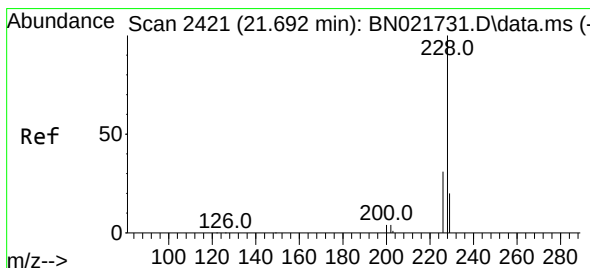
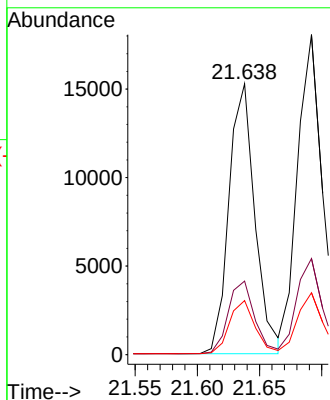
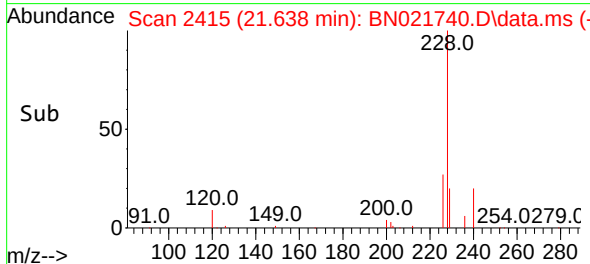
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:228 Resp: 22196  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.5 32.3  
229 19.9 15.8 23.8

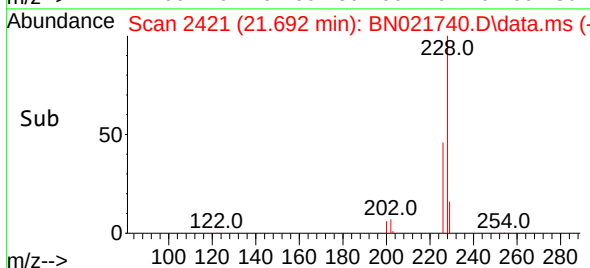
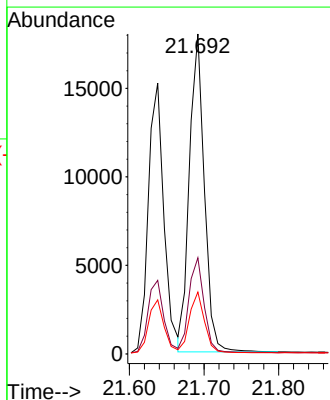
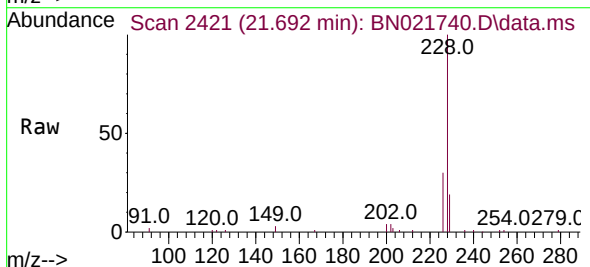
Manual Integrations  
APPROVED

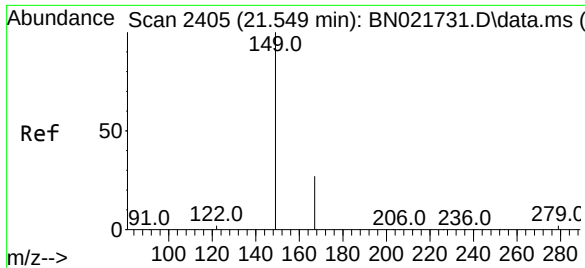
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#33  
Chrysene  
Concen: 0.397 ng  
RT: 21.692 min Scan# 2421  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Tgt Ion:228 Resp: 25021  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.5 36.7  
229 19.3 16.0 24.0





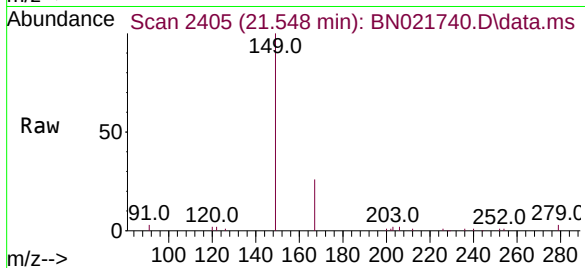
#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.287 ng  
RT: 21.548 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

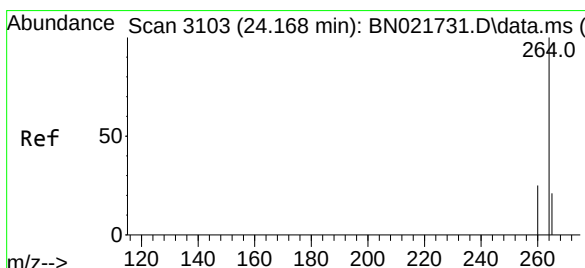
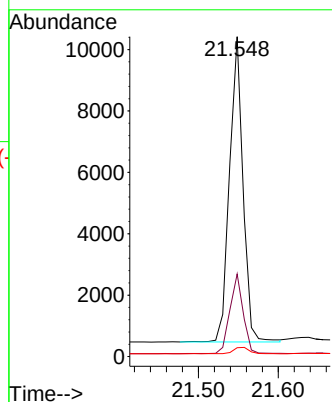
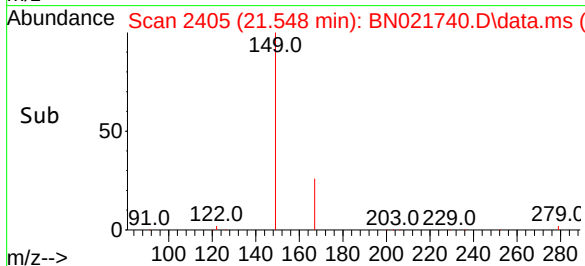
SSTDCCC0.4



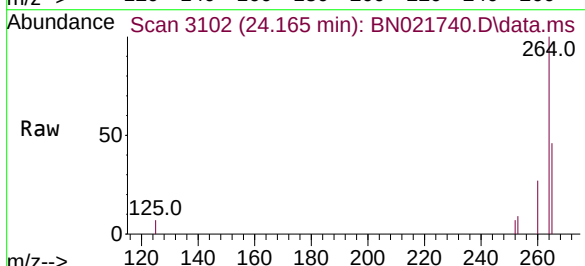
Tgt Ion:149 Resp: 11626  
Ion Ratio Lower Upper  
149 100  
167 25.7 20.8 31.2  
279 2.5 2.1 3.1

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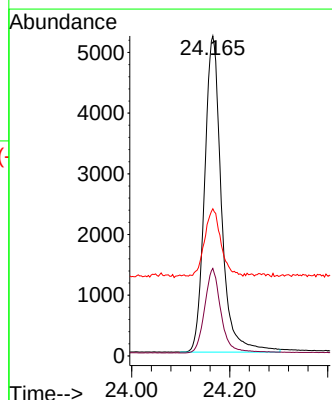
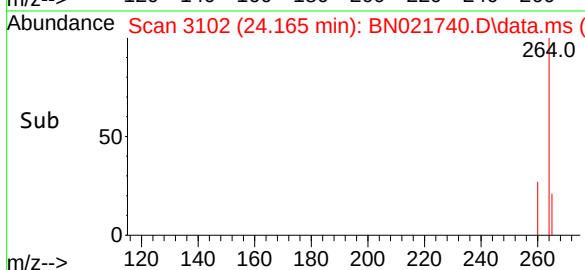
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

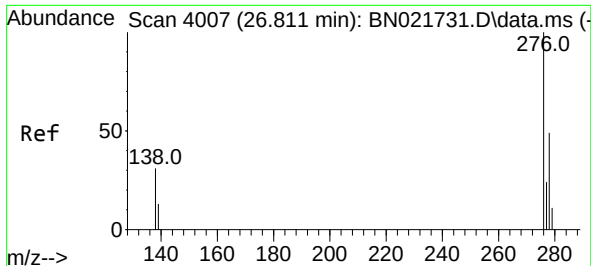


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.165 min Scan# 3102  
Delta R.T. -0.003 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion:264 Resp: 12466  
Ion Ratio Lower Upper  
264 100  
260 27.3 20.6 31.0  
265 46.0 34.4 51.6





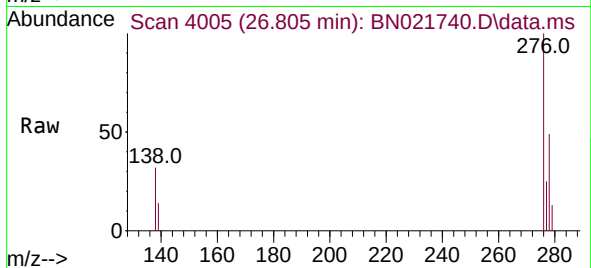
#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.397 ng  
RT: 26.805 min Scan# 4007  
Delta R.T. -0.006 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

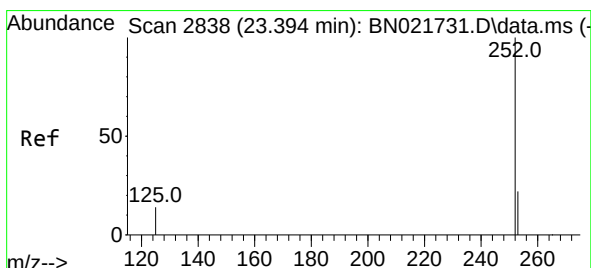
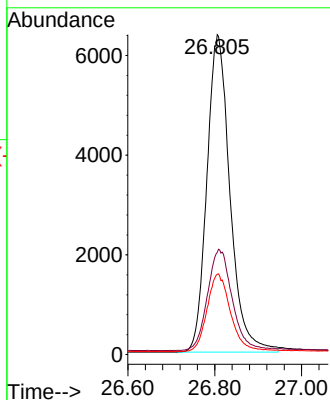
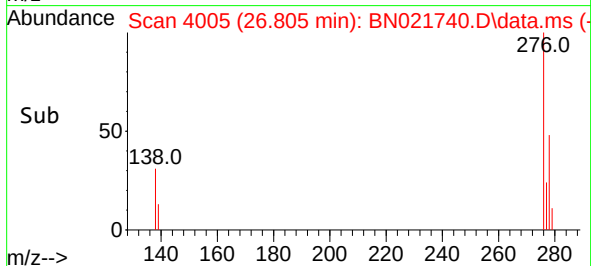


Tgt Ion:276 Resp: 23528  
Ion Ratio Lower Upper  
276 100  
138 33.9 27.4 41.0  
277 24.8 19.8 29.6

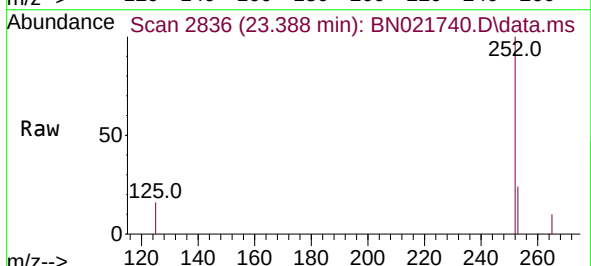
Manual Integrations

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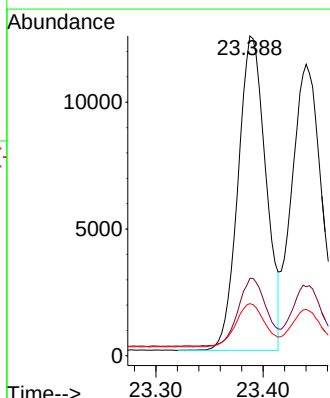
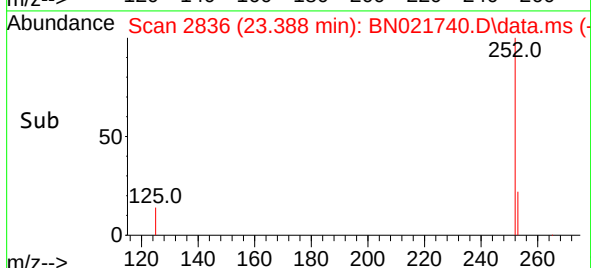
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

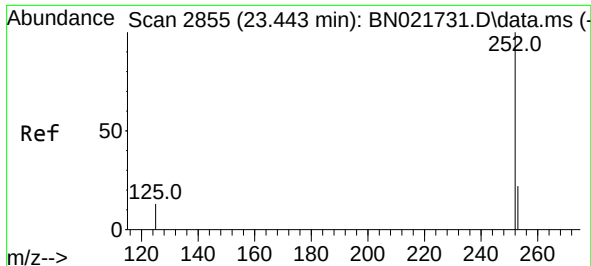


#37  
Benzo(b)fluoranthene  
Concen: 0.395 ng  
RT: 23.388 min Scan# 2836  
Delta R.T. -0.006 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion:252 Resp: 22340  
Ion Ratio Lower Upper  
252 100  
253 24.2 19.6 29.4  
125 16.3 13.0 19.4





#38

Benzo(k)fluoranthene

Concen: 0.400 ng m

RT: 23.440 min Scan# 2855

Delta R.T. -0.003 min

Lab File: BN021740.D

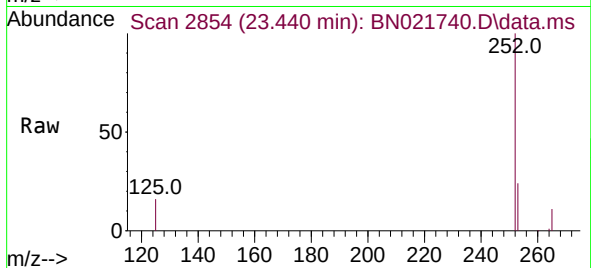
Acq: 14 Sep 2022 10:41

Instrument :

BN021740.D

ClientSampleId :

SSTDCCC0.4



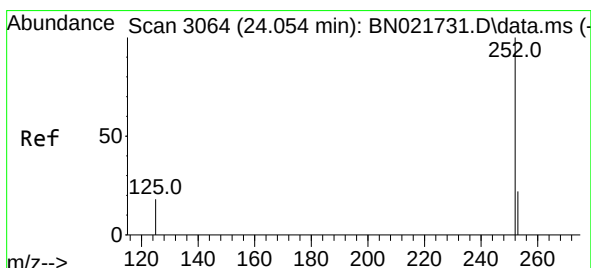
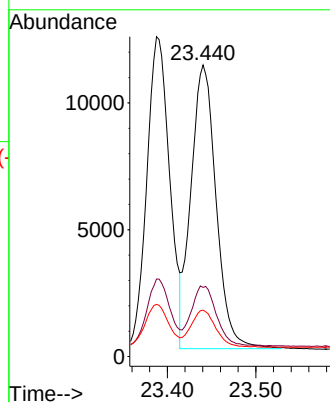
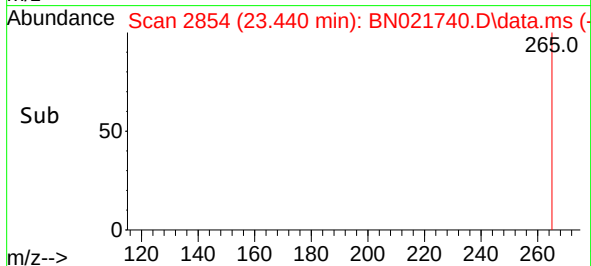
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 22133 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 23.7  | 19.4  | 29.2  |
| 125       | 16.0  | 12.6  | 18.8  |

Manual Integrations

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Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#39

Benzo(a)pyrene

Concen: 0.369 ng

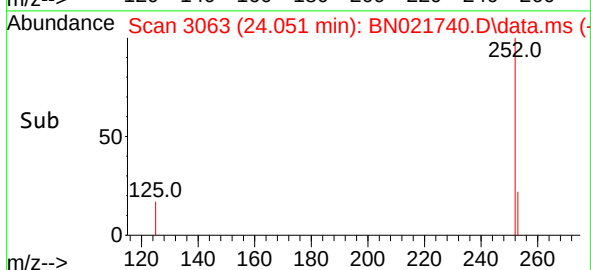
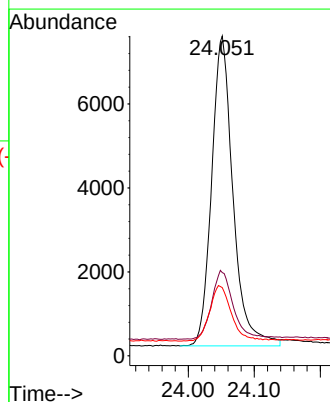
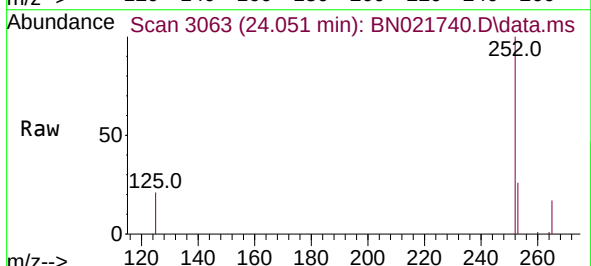
RT: 24.051 min Scan# 3063

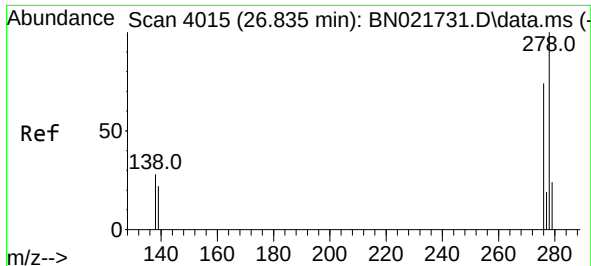
Delta R.T. -0.003 min

Lab File: BN021740.D

Acq: 14 Sep 2022 10:41

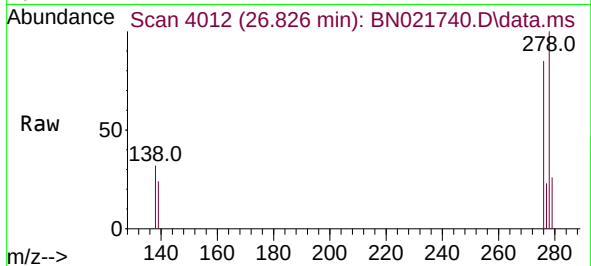
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 16655 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 26.0  | 20.8  | 31.2  |
| 125       | 21.3  | 17.4  | 26.0  |





#40  
Dibenzo(a,h)anthracene  
Concen: 0.395 ng  
RT: 26.826 min Scan# 4015  
Delta R.T. -0.009 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41

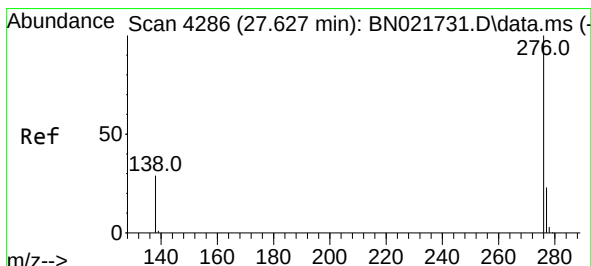
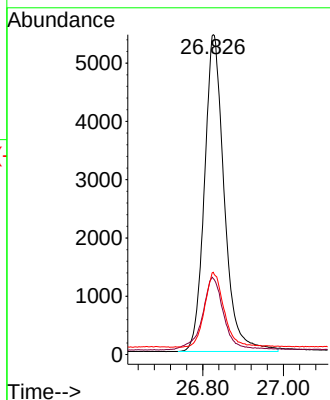
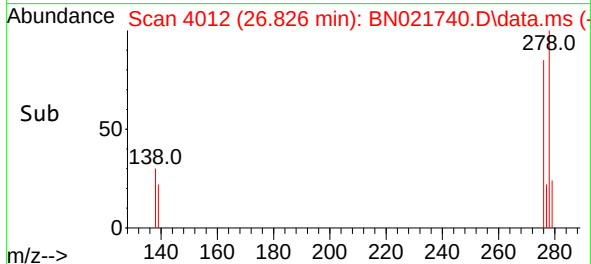
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



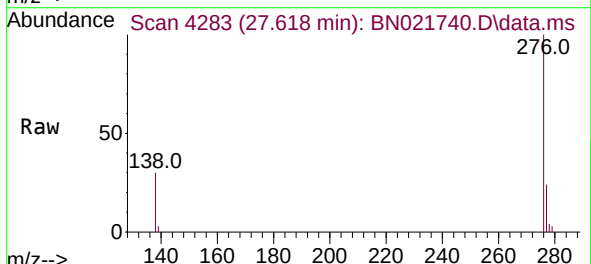
Tgt Ion: 278 Resp: 18523  
Ion Ratio Lower Upper  
278 100  
139 23.8 19.2 28.8  
279 25.7 20.5 30.7

Manual Integrations  
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Reviewed By : Christian Giraldo 09/15/2022  
Supervised By : Jagrut Upadhyay 09/15/2022



#41  
Benzo(g,h,i)perylene  
Concen: 0.410 ng  
RT: 27.618 min Scan# 4283  
Delta R.T. -0.009 min  
Lab File: BN021740.D  
Acq: 14 Sep 2022 10:41



Tgt Ion: 276 Resp: 19774  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.2 28.8  
138 30.1 24.2 36.2

