

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091422\  
 Data File : BN021729.D  
 Acq On : 13 Sep 2022 17:29  
 Operator : CG/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Manual Integrations  
 APPROVED

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

Quant Time: Sep 14 01:31:48 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 01:24:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.062  | 152  | 4829     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.888 | 136  | 15298    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.707 | 164  | 9479     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.456 | 188  | 22024    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.656 | 240  | 16149    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.168 | 264  | 13747    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.584  | 112  | 1284     | 0.136 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.209  | 99   | 1554     | 0.129 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.233  | 82   | 1195     | 0.116 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.475 | 152  | 3041     | 0.088 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.209 | 330  | 387      | 0.124 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.339 | 172  | 3642     | 0.088 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.494 | 212  | 5384     | 0.095 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.080 | 244  | 3750     | 0.103 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.403  | 88   | 642      | 0.106 | ng    | # 90     |
| 3) n-Nitrosodimethylamine     | 3.736  | 42   | 599      | 0.110 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.469  | 93   | 1541     | 0.102 | ng    | 99       |
| 9) Naphthalene                | 10.941 | 128  | 4242     | 0.094 | ng    | 95       |
| 10) Hexachlorobutadiene       | 11.219 | 225  | 724      | 0.092 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.180 | 142  | 783      | 0.136 | ng    | # 62     |
| 16) Acenaphthylene            | 14.429 | 152  | 3875     | 0.087 | ng    | 100      |
| 17) Acenaphthene              | 14.771 | 154  | 2864     | 0.091 | ng    | 99       |
| 18) Fluorene                  | 15.758 | 166  | 3830     | 0.099 | ng    | 99       |
| 21) 4-Bromophenyl-phenylether | 16.647 | 248  | 1254     | 0.091 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.763 | 284  | 1390     | 0.082 | ng    | 99       |
| 23) Atrazine                  | 16.913 | 200  | 1010     | 0.126 | ng    | 95       |
| 24) Pentachlorophenol         | 17.109 | 266  | 426      | 0.119 | ng    | 97       |
| 25) Phenanthrene              | 17.502 | 178  | 6811     | 0.090 | ng    | 100      |
| 26) Anthracene                | 17.594 | 178  | 5508     | 0.091 | ng    | 99       |
| 28) Fluoranthene              | 19.523 | 202  | 7174     | 0.091 | ng    | 100      |
| 30) Pyrene                    | 19.886 | 202  | 7280     | 0.085 | ng    | 95       |
| 32) Benzo(a)anthracene        | 21.638 | 228  | 5857     | 0.104 | ng    | 98       |
| 33) Chrysene                  | 21.692 | 228  | 6014     | 0.090 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.549 | 149  | 4679     | 0.206 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.811 | 276  | 5588     | 0.090 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.394 | 252  | 5458     | 0.081 | ng    | # 77     |
| 38) Benzo(k)fluoranthene      | 23.443 | 252  | 5431m    | 0.080 | ng    |          |
| 39) Benzo(a)pyrene            | 24.054 | 252  | 4394     | 0.093 | ng    | # 71     |
| 40) Dibenzo(a,h)anthracene    | 26.835 | 278  | 4372     | 0.088 | ng    | # 86     |
| 41) Benzo(g,h,i)perylene      | 27.627 | 276  | 4747     | 0.087 | ng    | # 91     |
| -----                         |        |      |          |       |       |          |

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

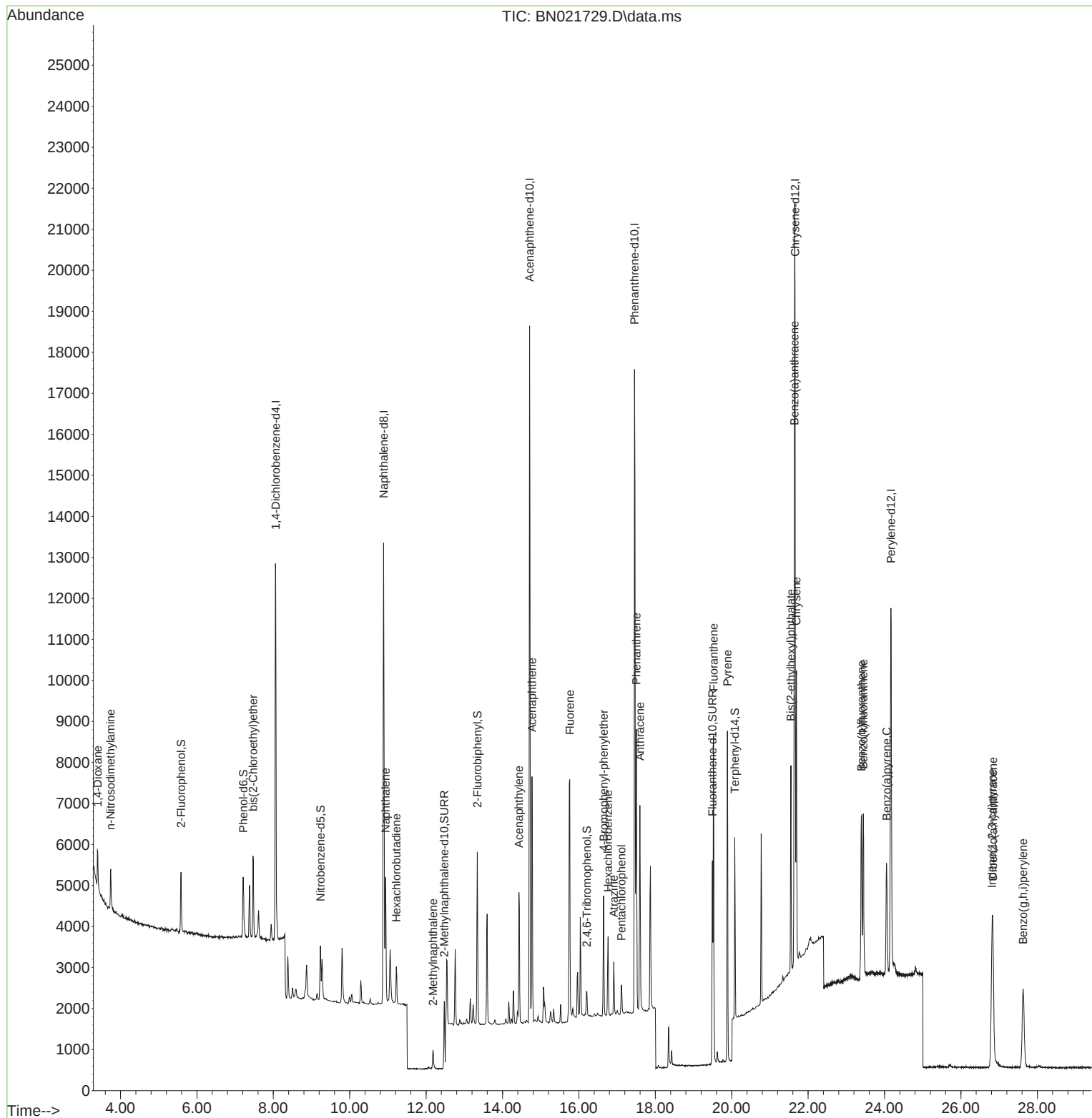
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091422\  
Data File : BN021729.D  
Acq On : 13 Sep 2022 17:29  
Operator : CG/JU  
Sample : SSTDICC0.1  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

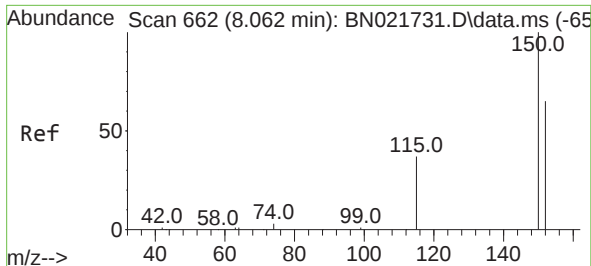
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

Quant Time: Sep 14 01:31:48 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091422.M  
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QLast Update : Wed Sep 14 01:24:46 2022  
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Manual Integrations  
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Supervised By :Jagrut Upadhyay 09/15/2022





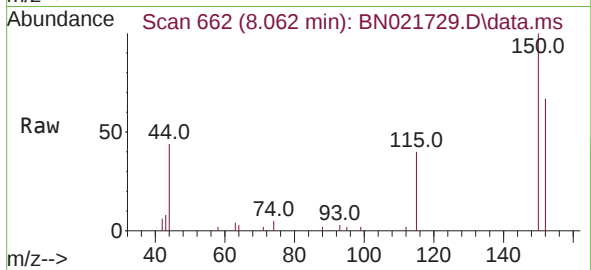
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.062 min Scan# 662  
 Delta R.T. -0.000 min  
 Lab File: BN021729.D  
 Acq: 13 Sep 2022 17:29

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

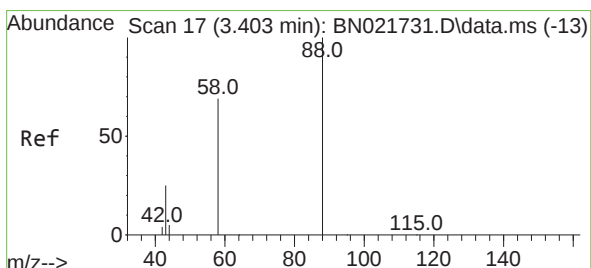
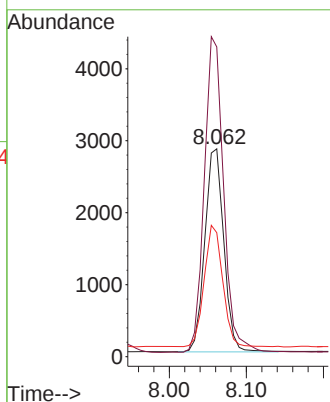
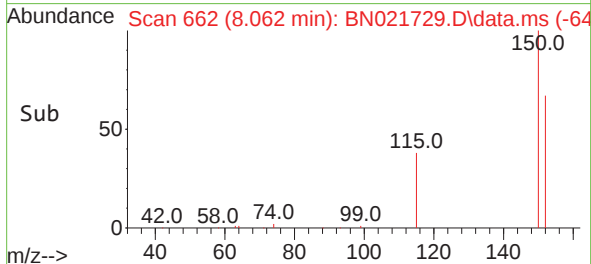


Tgt Ion: 152 Resp: 4829  
 Ion Ratio Lower Upper  
 152 100  
 150 149.0 121.8 182.8  
 115 59.6 48.3 72.5

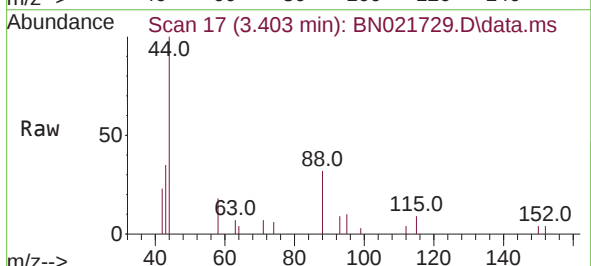
Manual Integrations

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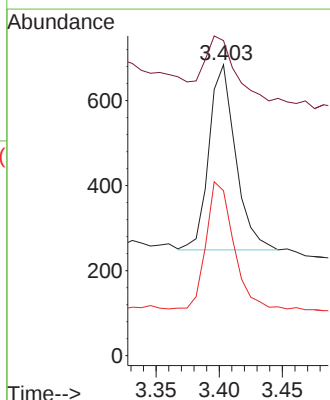
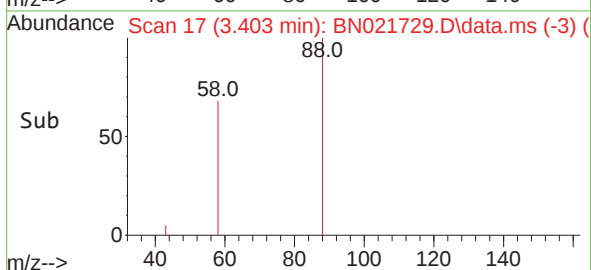
Reviewed By :Christian Giraldo 09/15/2022  
 Supervised By :Jagrut Upadhyay 09/15/2022

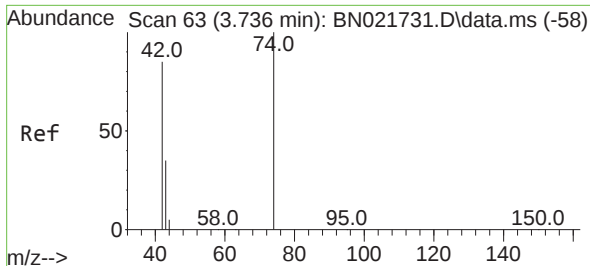


#2  
 1,4-Dioxane  
 Concen: 0.106 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: BN021729.D  
 Acq: 13 Sep 2022 17:29



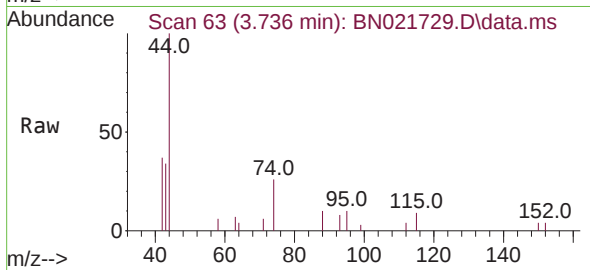
Tgt Ion: 88 Resp: 642  
 Ion Ratio Lower Upper  
 88 100  
 43 40.5 24.2 36.2  
 58 70.1 60.2 90.4





#3  
n-Nitrosodimethylamine  
Concen: 0.110 ng  
RT: 3.736 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

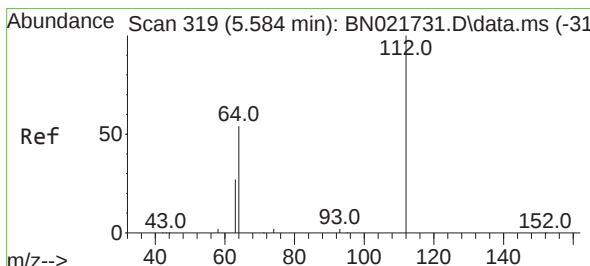
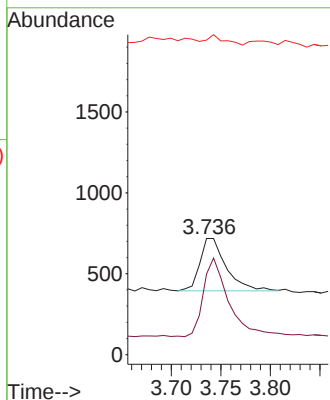
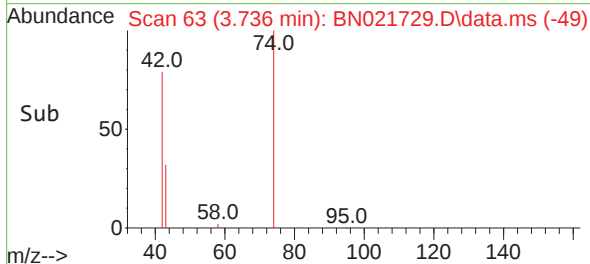
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion: 42 Resp: 599  
Ion Ratio Lower Upper  
42 100  
74 142.6 116.3 174.5  
44 12.0 9.0 13.4

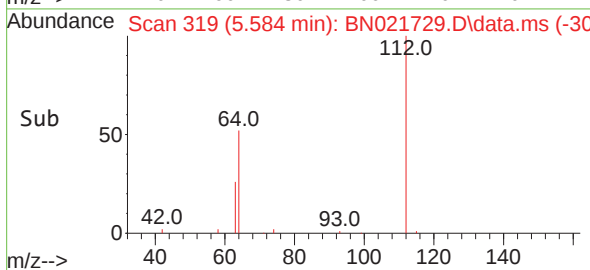
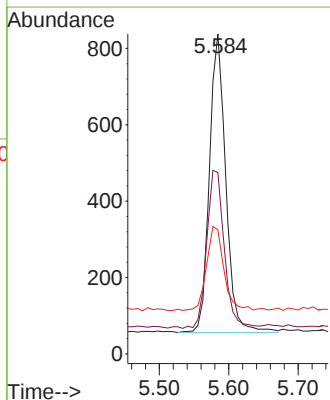
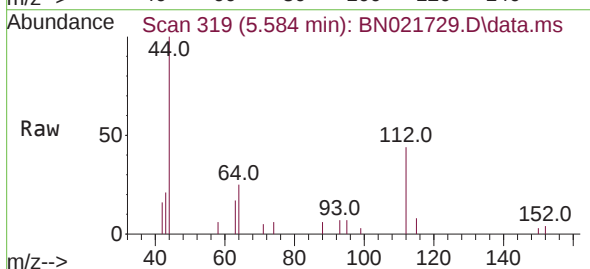
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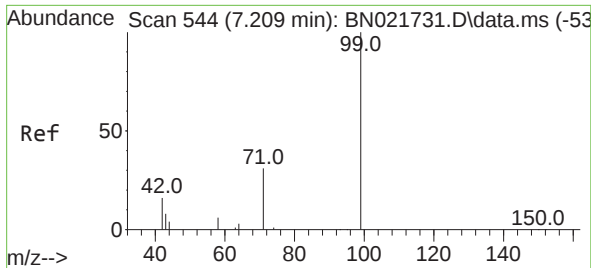
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#4  
2-Fluorophenol  
Concen: 0.136 ng  
RT: 5.584 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

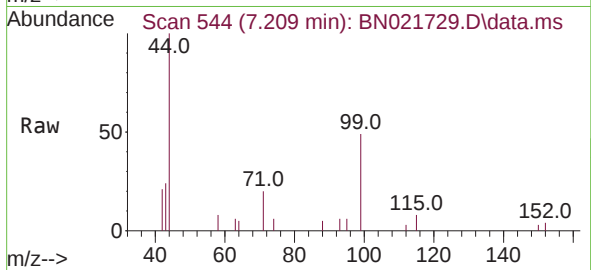
Tgt Ion:112 Resp: 1284  
Ion Ratio Lower Upper  
112 100  
64 56.5 45.4 68.2  
63 29.5 23.3 34.9





#5  
Phenol-d6  
Concen: 0.129 ng  
RT: 7.209 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

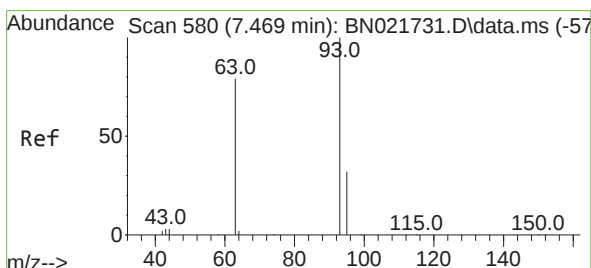
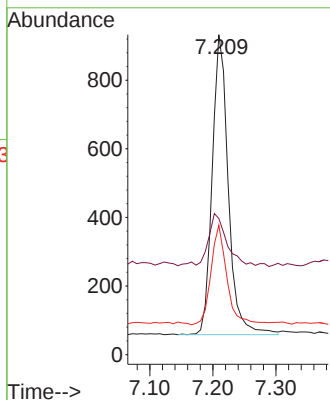
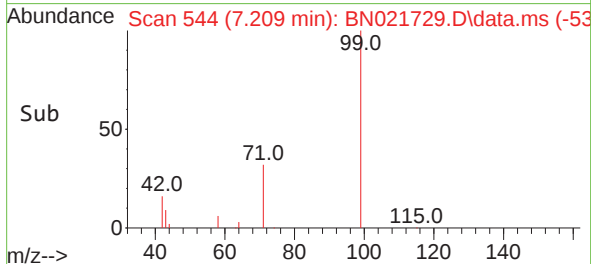
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 21.0  | 15.1  | 22.7  |
| 71      | 32.9  | 25.3  | 37.9  |

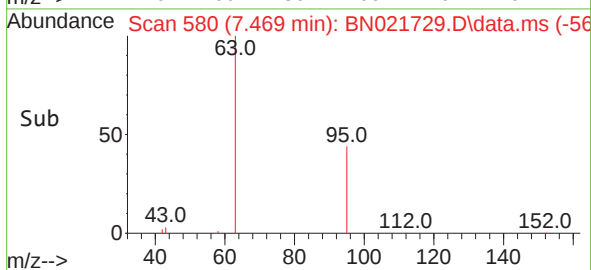
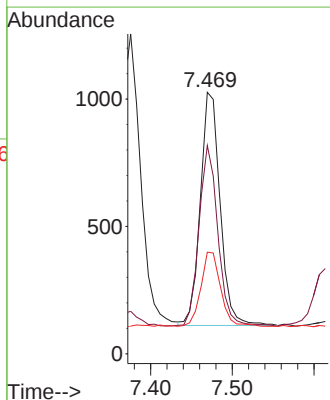
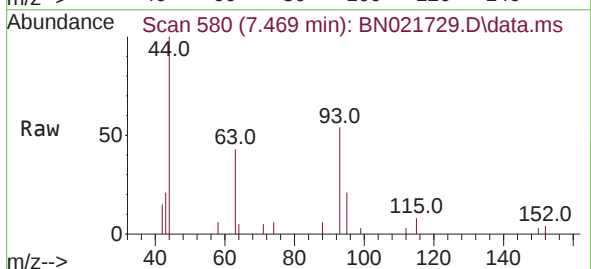
Manual Integrations  
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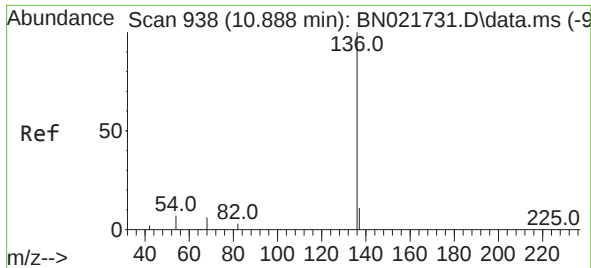
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.102 ng  
RT: 7.469 min Scan# 580  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.4  | 60.0  | 90.0  |
| 95      | 31.7  | 26.2  | 39.4  |





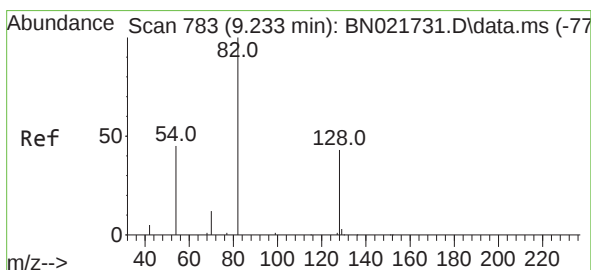
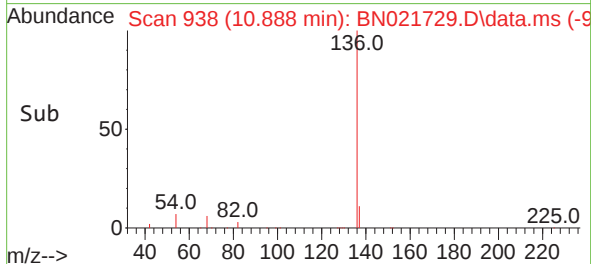
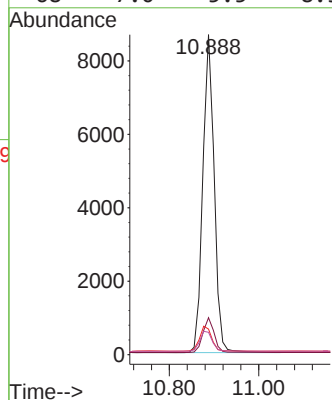
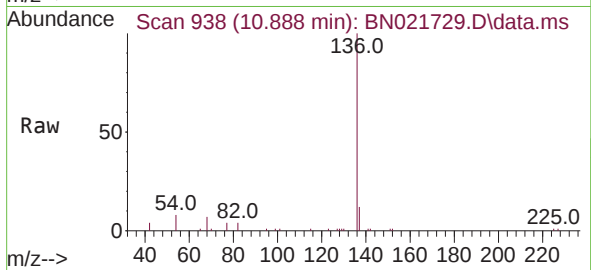
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.888 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15298 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.1   | 13.7  |
| 54        | 8.0   | 6.4   | 9.6   |
| 68        | 7.0   | 5.5   | 8.3   |

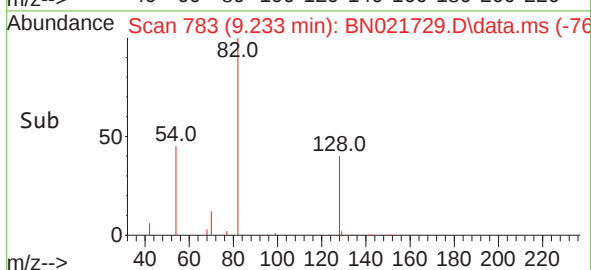
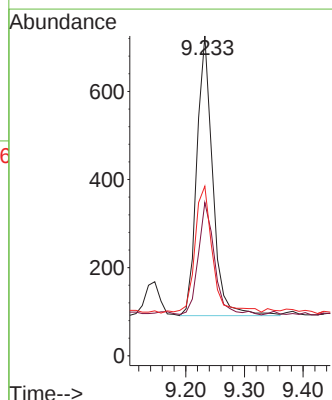
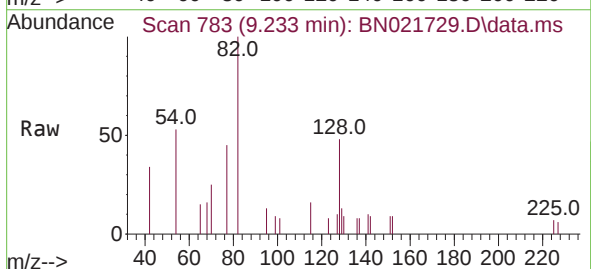
Manual Integrations  
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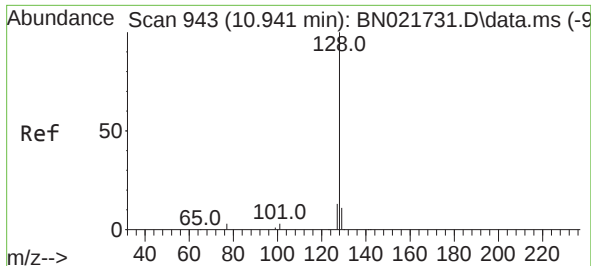
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#8  
Nitrobenzene-d5  
Concen: 0.116 ng  
RT: 9.233 min Scan# 783  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1195 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 47.9  | 35.6  | 53.4 |
| 54        | 53.0  | 37.8  | 56.8 |





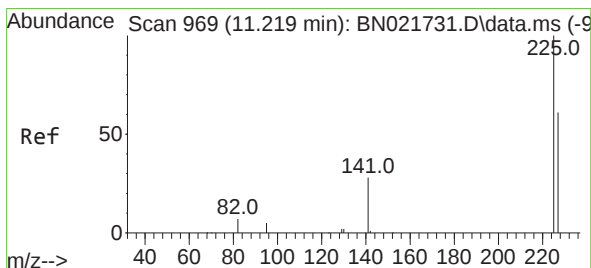
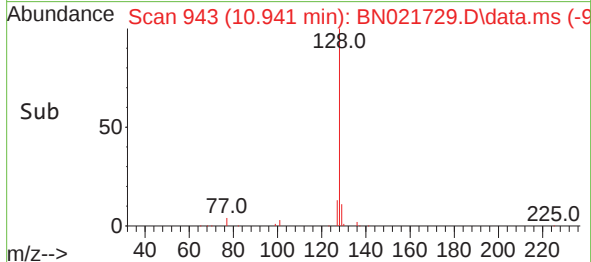
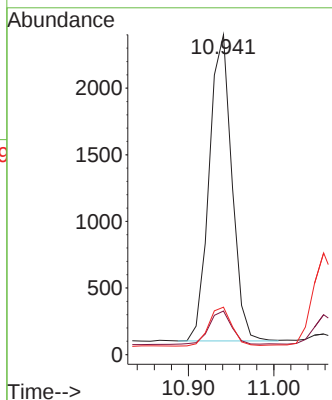
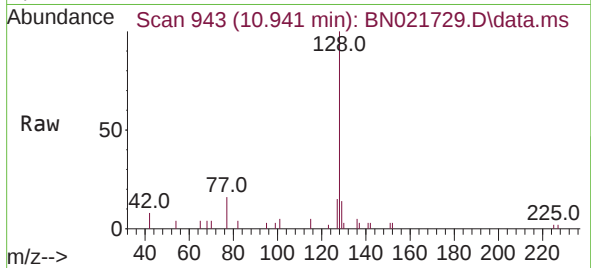
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Naphthalene  
Concen: 0.094 ng  
RT: 10.941 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 424  |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 13.6  | 9.2   | 13.8 |
| 127       | 14.8  | 10.5  | 15.7 |

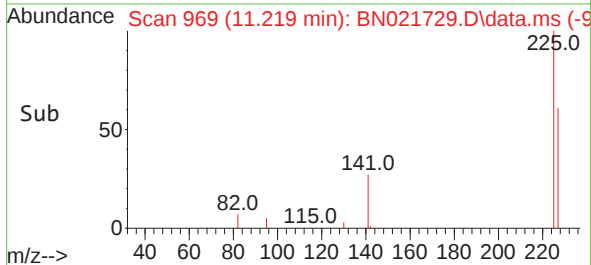
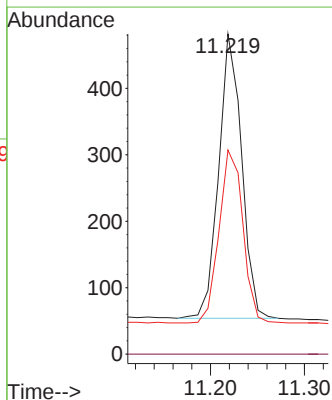
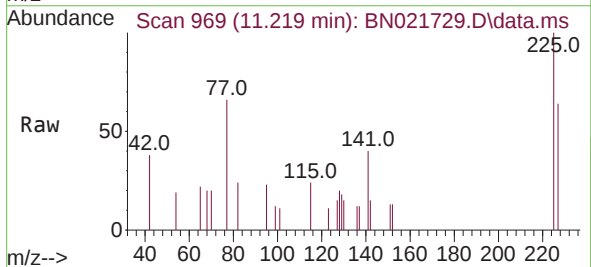
Manual Integrations  
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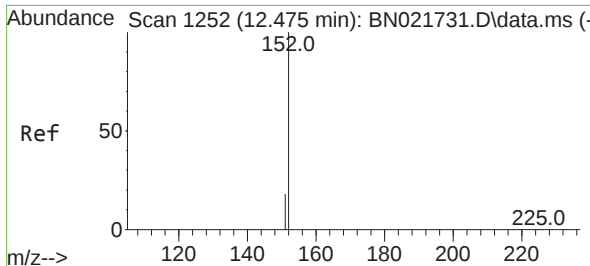
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#10  
Hexachlorobutadiene  
Concen: 0.092 ng  
RT: 11.219 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

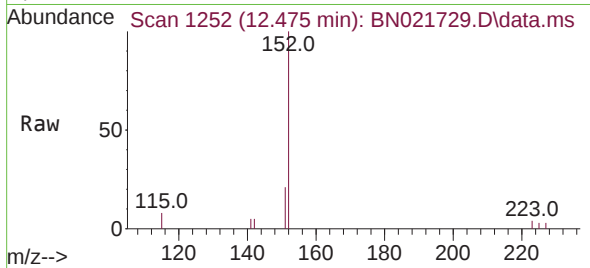
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|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 724  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 63.3  | 50.4  | 75.6 |





#11  
2-Methylnaphthalene-d10  
Concen: 0.088 ng  
RT: 12.475 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

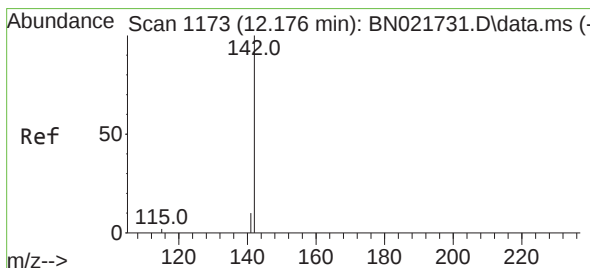
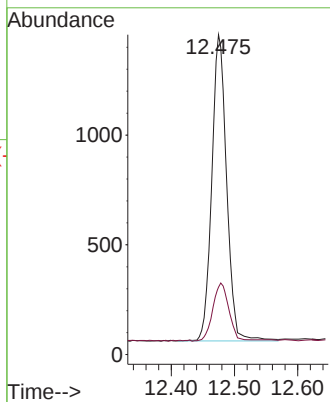
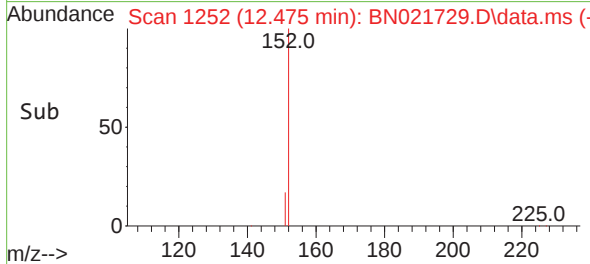
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



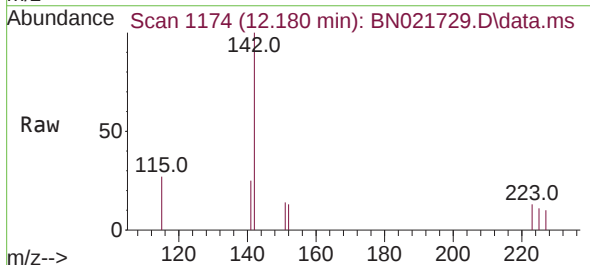
Tgt Ion:152 Resp: 304  
Ion Ratio Lower Upper  
152 100  
151 22.2 15.6 23.4

Manual Integrations  
APPROVED

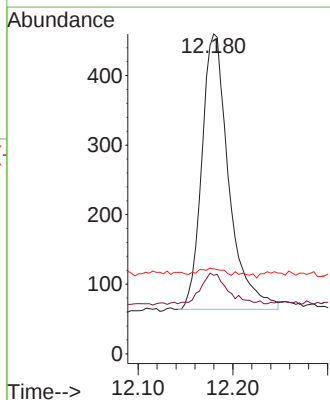
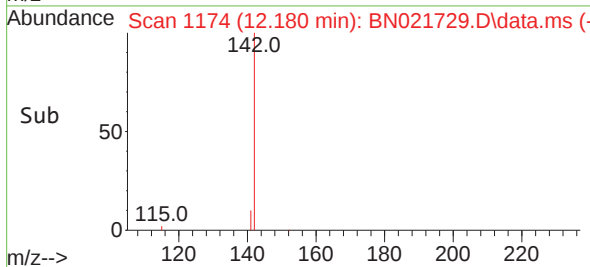
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

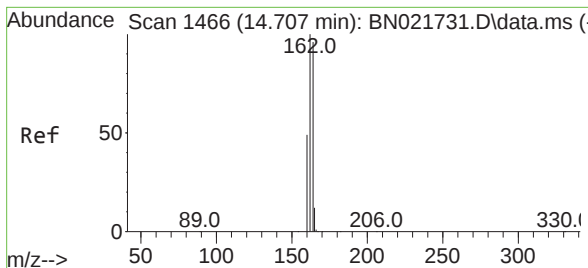


#12  
2-Methylnaphthalene  
Concen: 0.136 ng  
RT: 12.180 min Scan# 1174  
Delta R.T. 0.004 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29



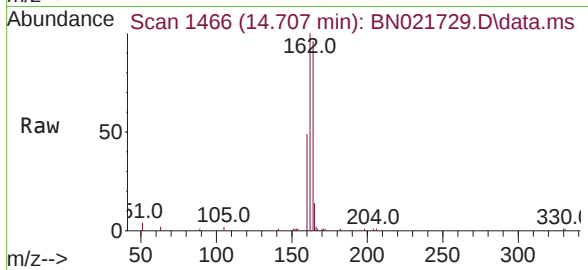
Tgt Ion:142 Resp: 783  
Ion Ratio Lower Upper  
142 100  
141 24.6 10.6 16.0#  
115 26.5 5.6 8.4#





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.707 min Scan# 1466  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

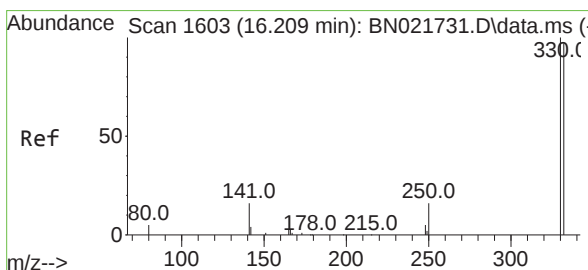
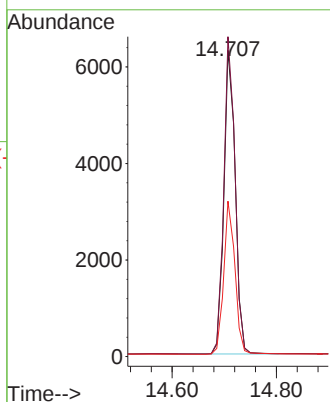
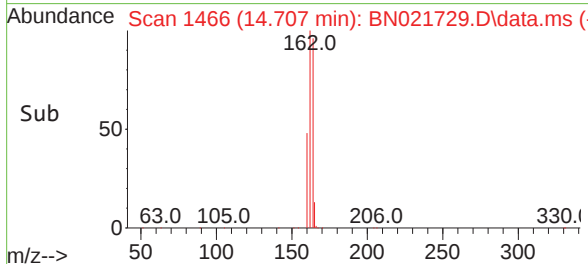
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



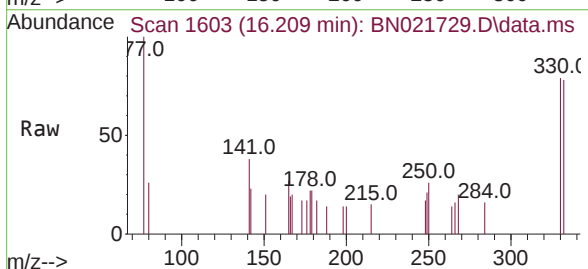
Tgt Ion:164 Resp: 9479  
Ion Ratio Lower Upper  
164 100  
162 104.4 83.2 124.8  
160 50.7 40.9 61.3

Manual Integrations  
APPROVED

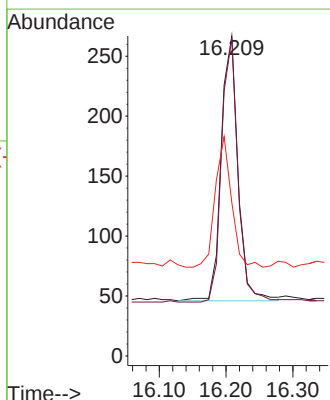
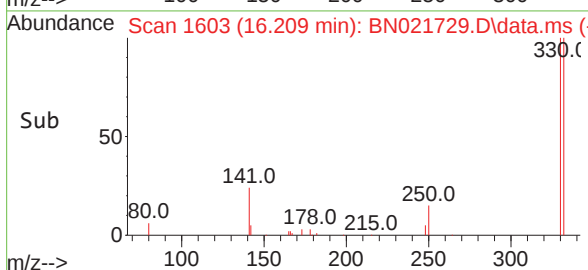
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

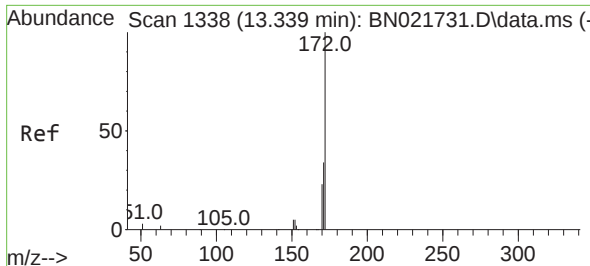


#14  
2,4,6-Tribromophenol  
Concen: 0.124 ng  
RT: 16.209 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29



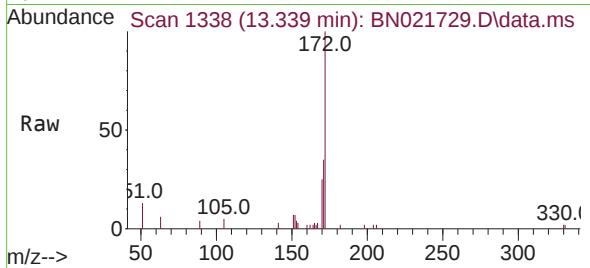
Tgt Ion:330 Resp: 387  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.8 115.2  
141 47.8 37.2 55.8





#15  
2-Fluorobiphenyl  
Concen: 0.088 ng  
RT: 13.339 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

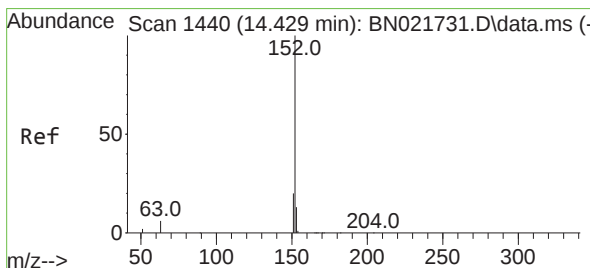
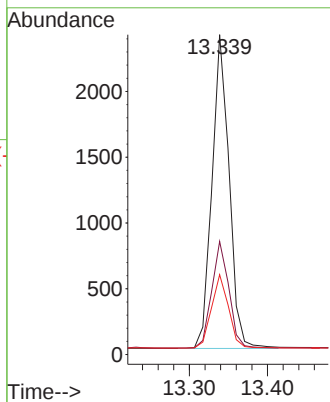
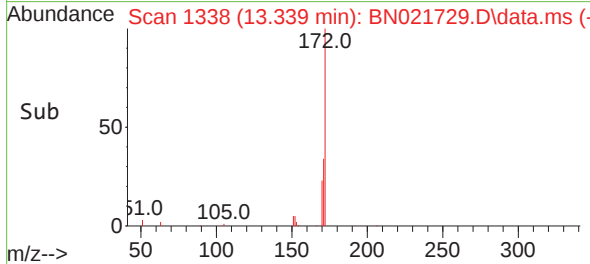
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:172 Resp: 3642  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.7 41.5  
170 25.0 18.8 28.2

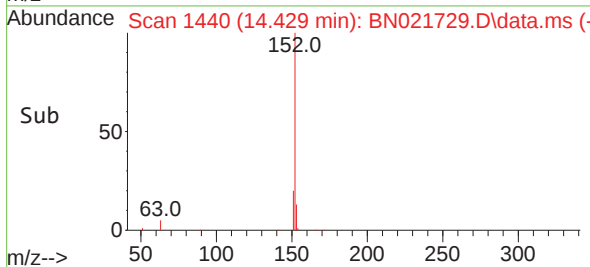
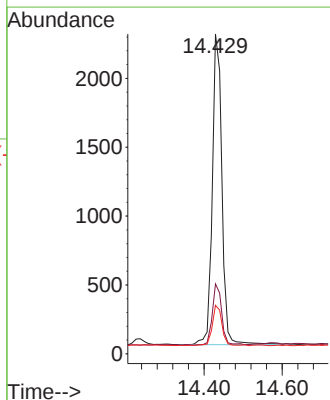
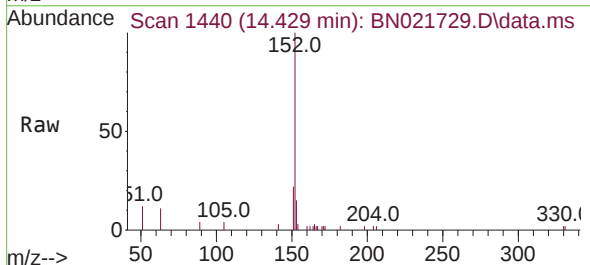
Manual Integrations  
APPROVED

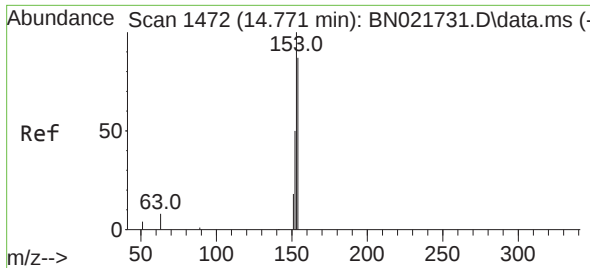
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#16  
Acenaphthylene  
Concen: 0.087 ng  
RT: 14.429 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

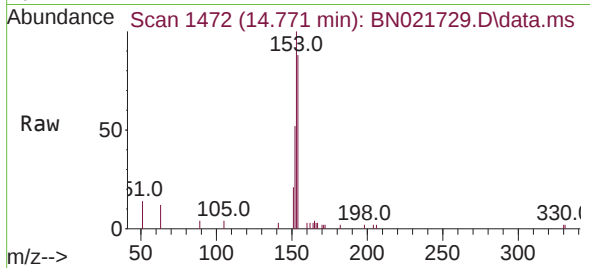
Tgt Ion:152 Resp: 3875  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.4 23.0  
153 13.1 10.3 15.5





#17  
Acenaphthene  
Concen: 0.091 ng  
RT: 14.771 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

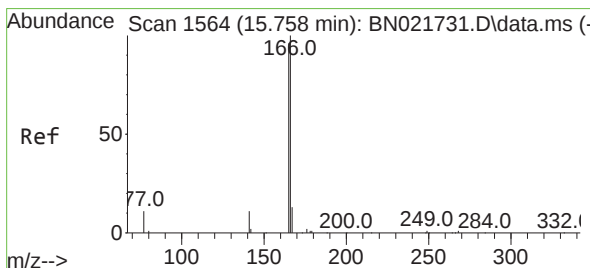
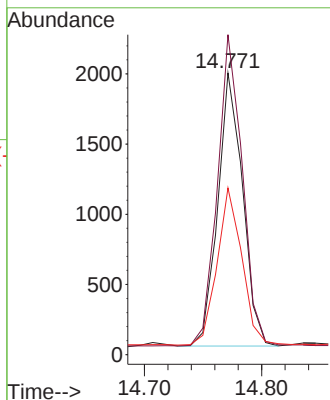
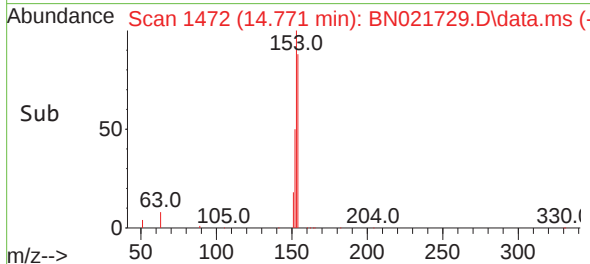
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:154 Resp: 2864  
Ion Ratio Lower Upper  
154 100  
153 114.2 91.0 136.4  
152 58.6 46.0 69.0

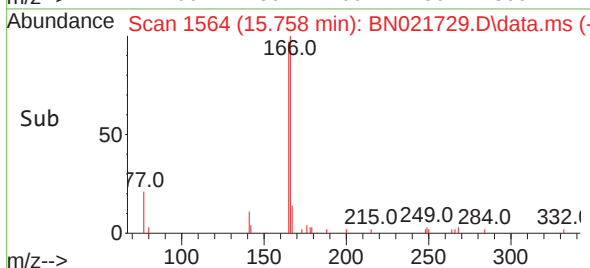
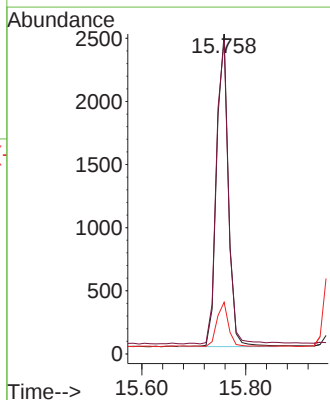
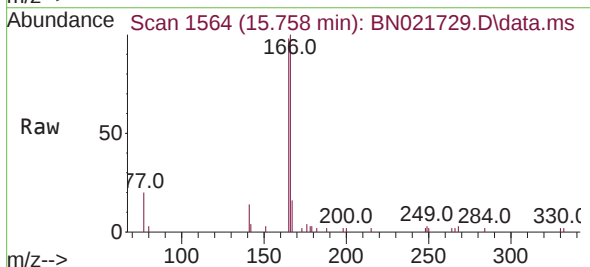
Manual Integrations  
APPROVED

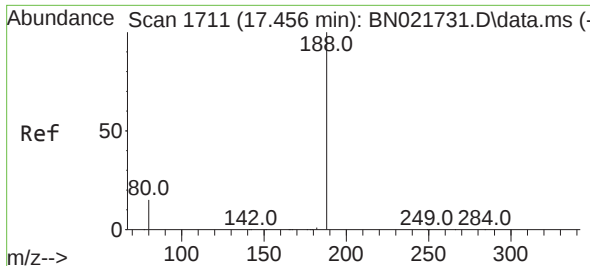
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#18  
Fluorene  
Concen: 0.099 ng  
RT: 15.758 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Tgt Ion:166 Resp: 3830  
Ion Ratio Lower Upper  
166 100  
165 100.2 79.4 119.0  
167 14.0 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: BN021729.D

Acq: 13 Sep 2022 17:29

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

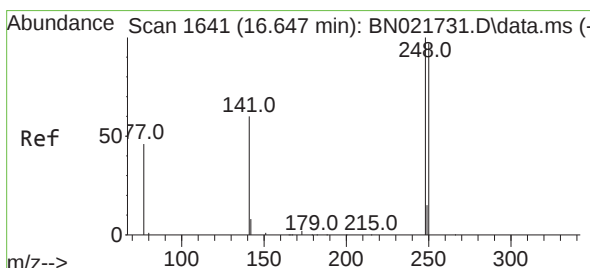
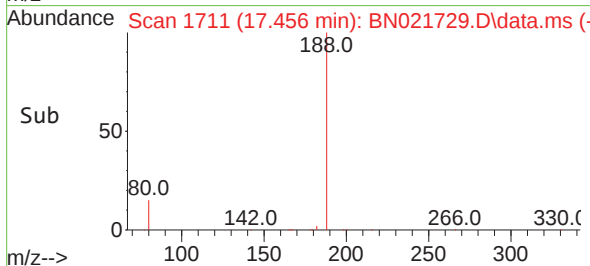
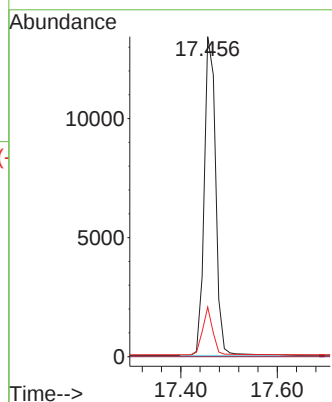
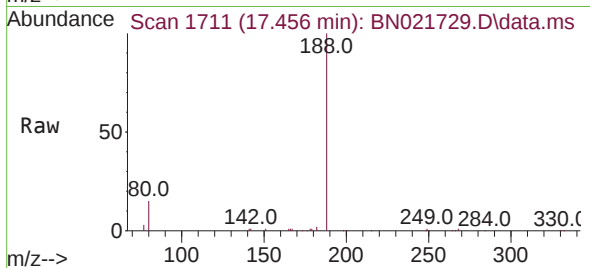
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 22024 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 15.5  | 19.0  |

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: 0.091 ng

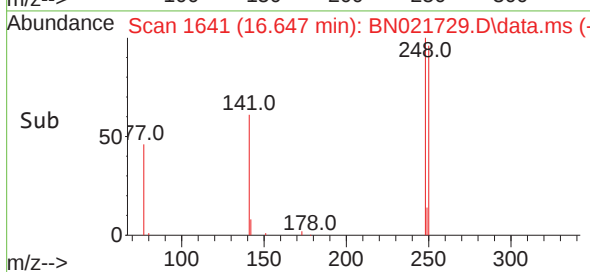
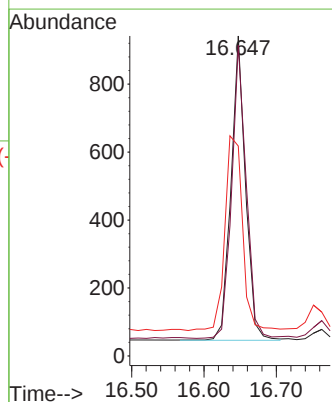
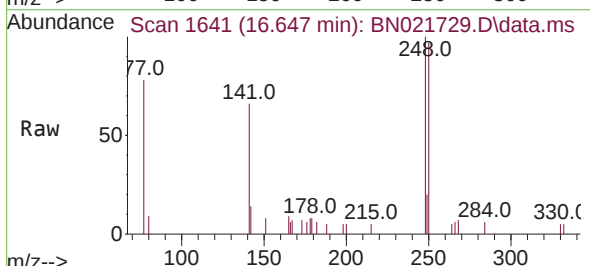
RT: 16.647 min Scan# 1641

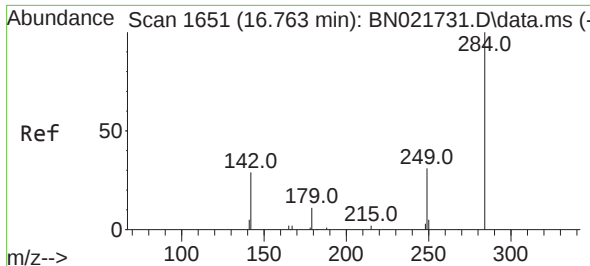
Delta R.T. -0.000 min

Lab File: BN021729.D

Acq: 13 Sep 2022 17:29

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:248 | Resp: | 1254  |
| Ion Ratio   | Lower | Upper |
| 248         | 100   |       |
| 250         | 97.0  | 77.8  |
| 141         | 65.6  | 49.0  |





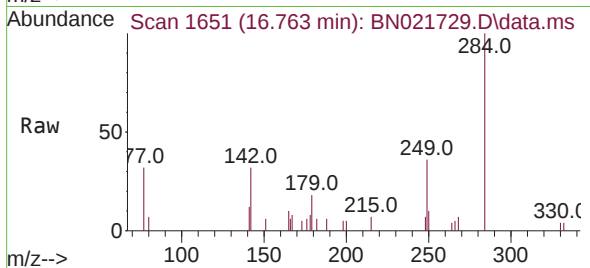
#22  
Hexachlorobenzene  
Concen: 0.082 ng  
RT: 16.763 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

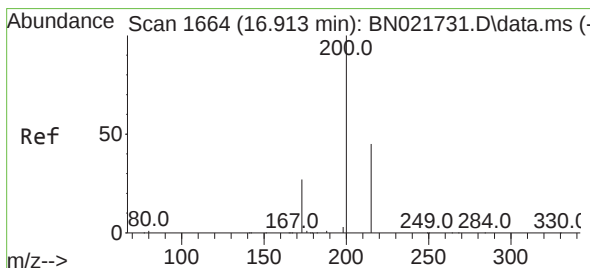
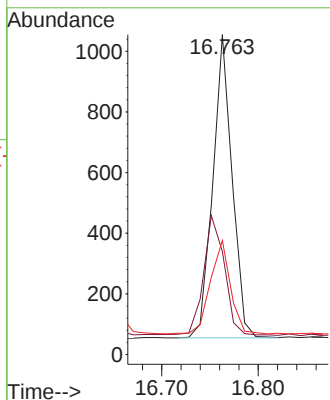
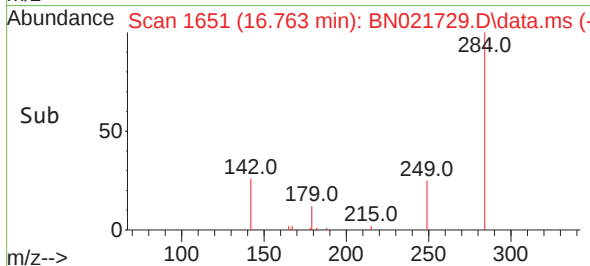


Tgt Ion:284 Resp: 1390  
Ion Ratio Lower Upper  
284 100  
142 42.6 33.4 50.2  
249 32.1 25.1 37.7

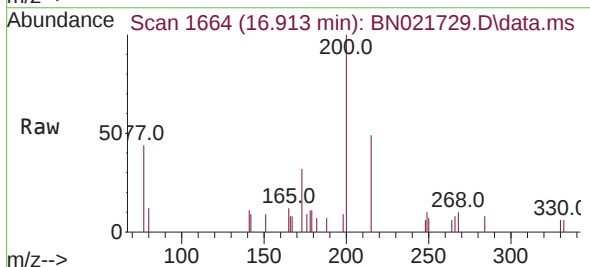
Manual Integrations

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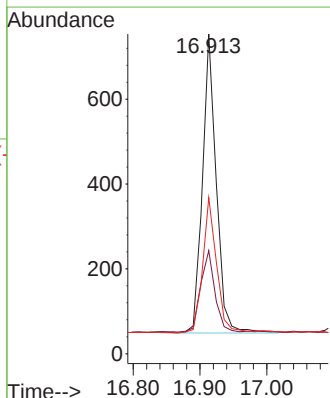
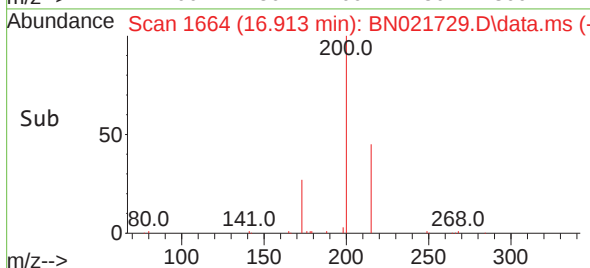
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

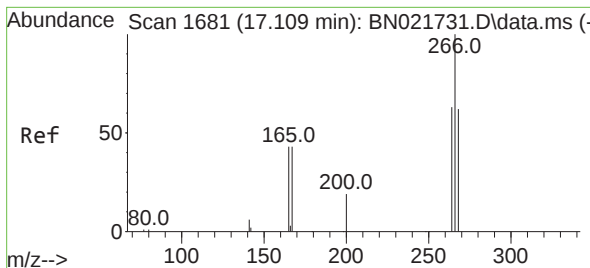


#23  
Atrazine  
Concen: 0.126 ng  
RT: 16.913 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29



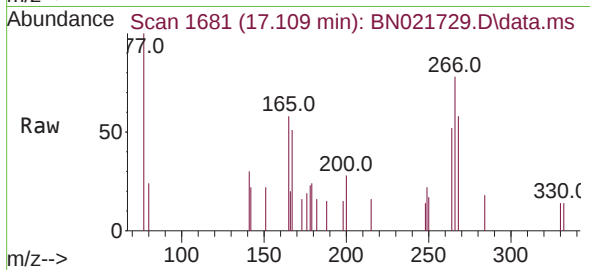
Tgt Ion:200 Resp: 1010  
Ion Ratio Lower Upper  
200 100  
173 32.2 22.9 34.3  
215 48.8 36.9 55.3





#24  
Pentachlorophenol  
Concen: 0.119 ng  
RT: 17.109 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

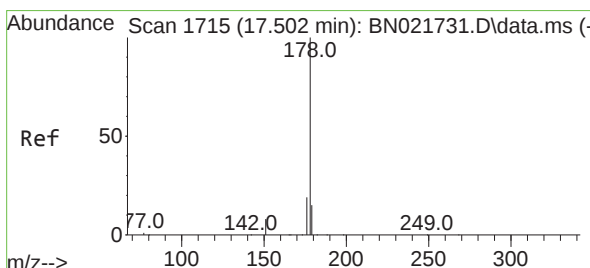
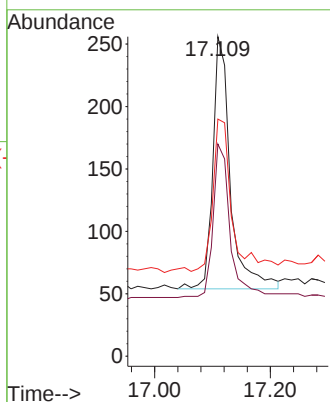
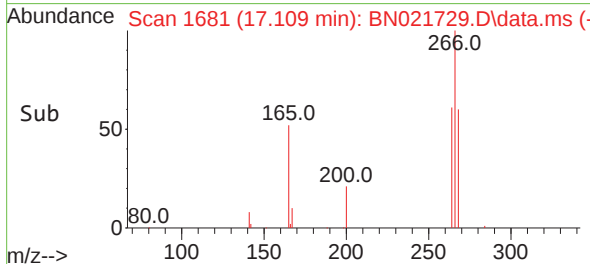
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



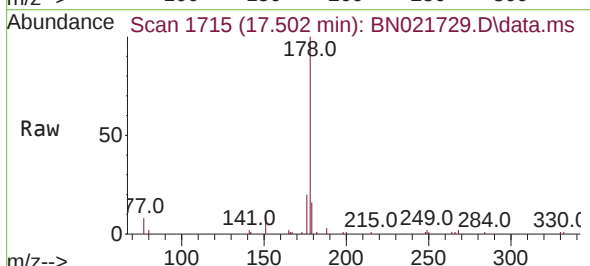
Tgt Ion:266 Resp: 426  
Ion Ratio Lower Upper  
266 100  
264 61.3 50.0 75.0  
268 65.5 50.2 75.2

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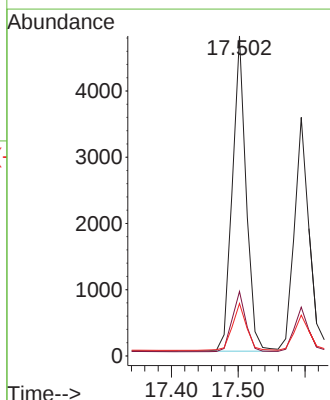
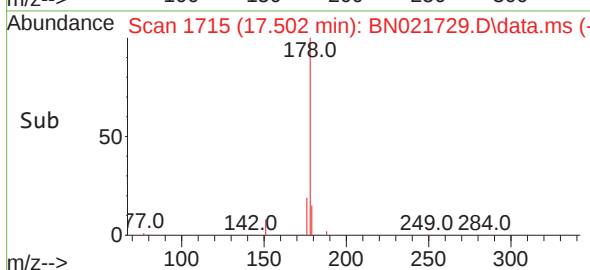
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

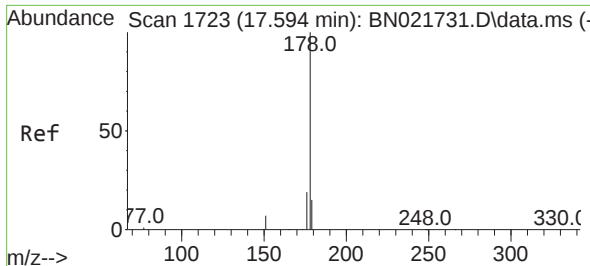


#25  
Phenanthrene  
Concen: 0.090 ng  
RT: 17.502 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29



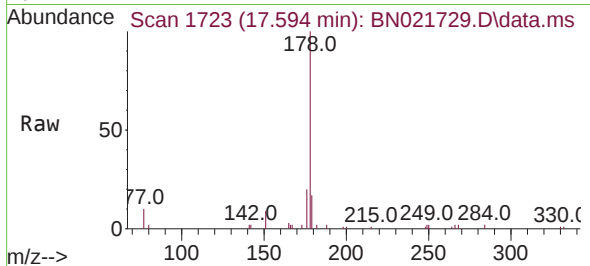
Tgt Ion:178 Resp: 6811  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.3 12.2 18.4





#26  
 Anthracene  
 Concen: 0.091 ng  
 RT: 17.594 min Scan# 1723  
 Delta R.T. -0.000 min  
 Lab File: BN021729.D  
 Acq: 13 Sep 2022 17:29

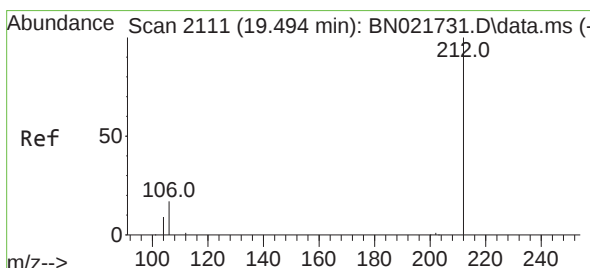
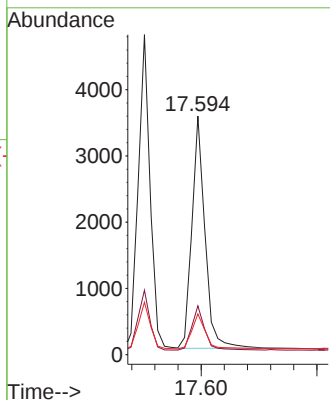
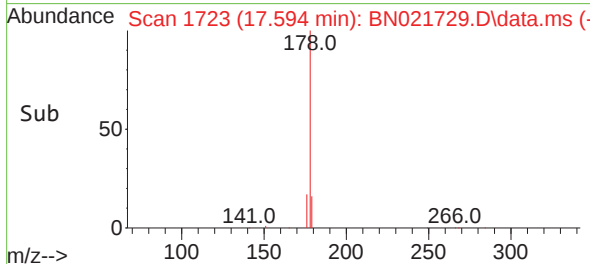
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1



Tgt Ion:178 Resp: 5508  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.0 22.6  
 179 15.8 12.2 18.2

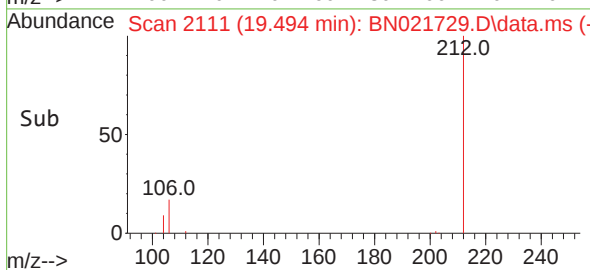
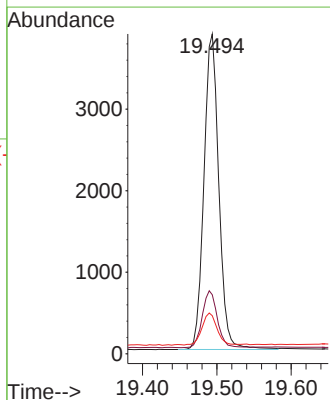
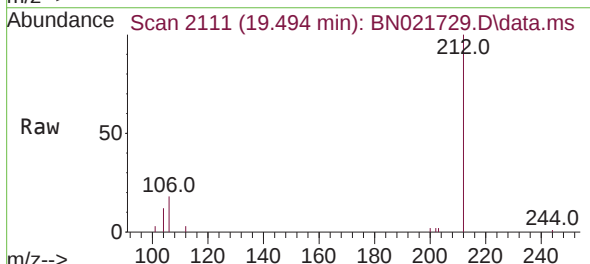
Manual Integrations  
 APPROVED

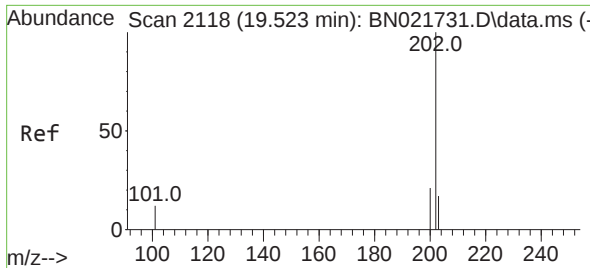
Reviewed By :Christian Giraldo 09/15/2022  
 Supervised By :Jagrut Upadhyay 09/15/2022



#27  
 Fluoranthene-d10  
 Concen: 0.095 ng  
 RT: 19.494 min Scan# 2111  
 Delta R.T. -0.000 min  
 Lab File: BN021729.D  
 Acq: 13 Sep 2022 17:29

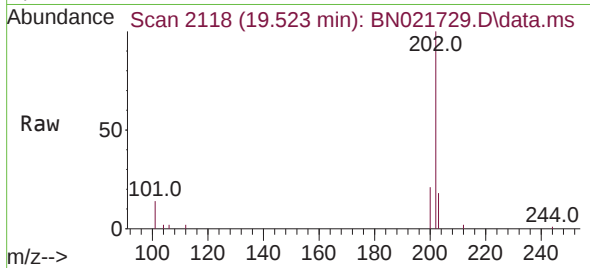
Tgt Ion:212 Resp: 5384  
 Ion Ratio Lower Upper  
 212 100  
 106 18.0 14.3 21.5  
 104 10.2 8.0 12.0





#28  
Fluoranthene  
Concen: 0.091 ng  
RT: 19.523 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

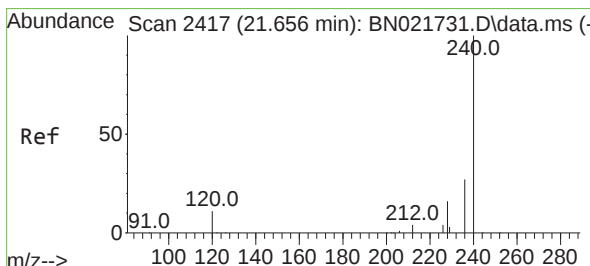
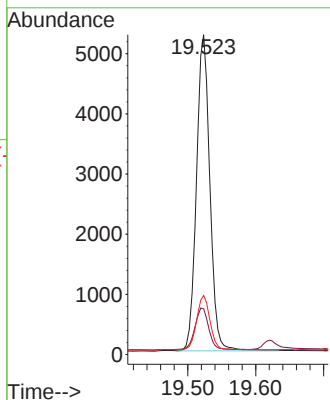
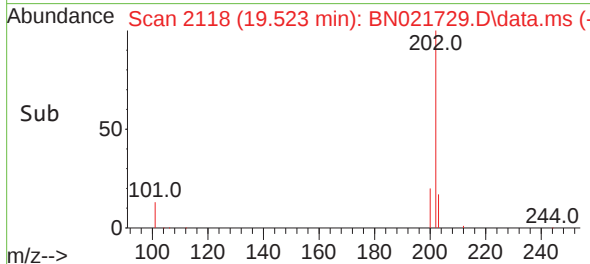
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



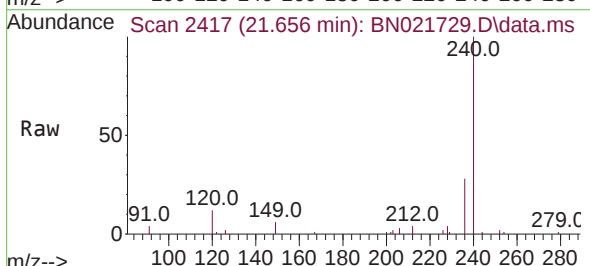
Tgt Ion:202 Resp: 7174  
Ion Ratio Lower Upper  
202 100  
101 13.7 11.0 16.4  
203 17.2 13.7 20.5

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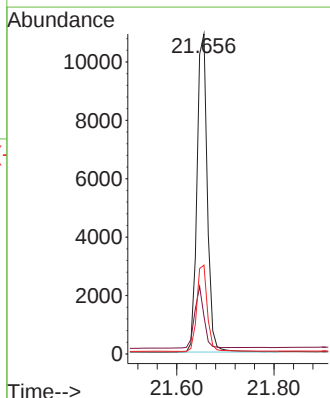
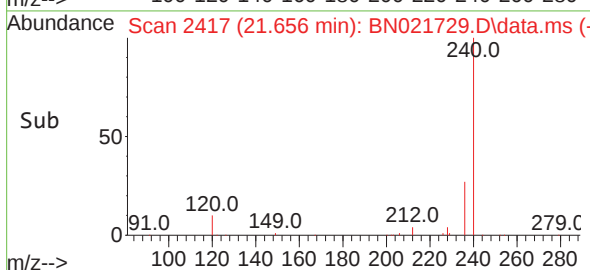
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

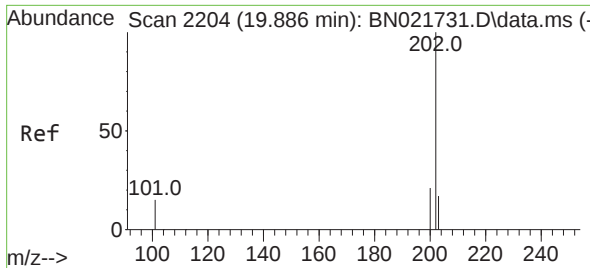


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.656 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
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Tgt Ion:240 Resp: 16149  
Ion Ratio Lower Upper  
240 100  
120 11.8 9.8 14.8  
236 27.7 22.2 33.4





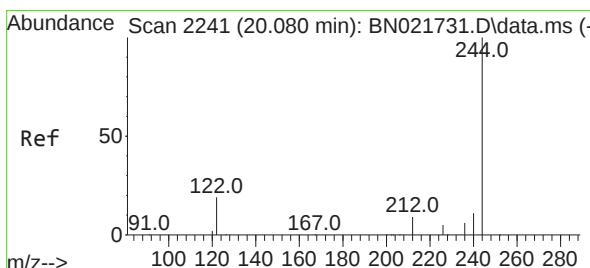
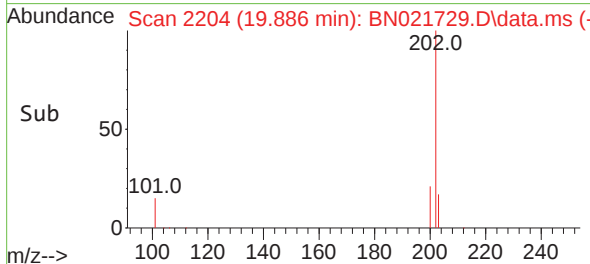
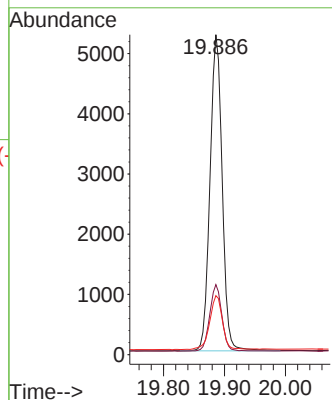
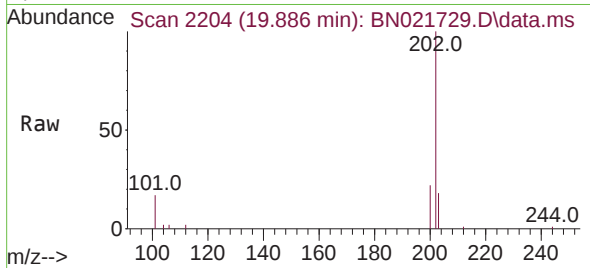
#30  
Pyrene  
Concen: 0.085 ng  
RT: 19.886 min Scan# 2204  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 7280 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 200       | 21.0  | 15.0  | 22.4 |
| 203       | 17.9  | 12.8  | 19.2 |

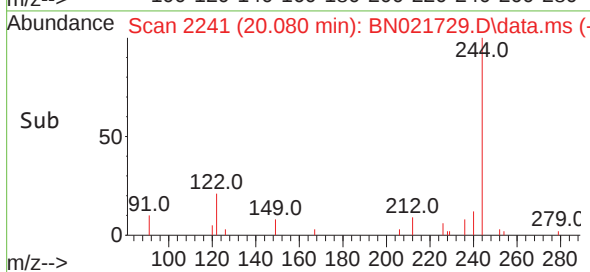
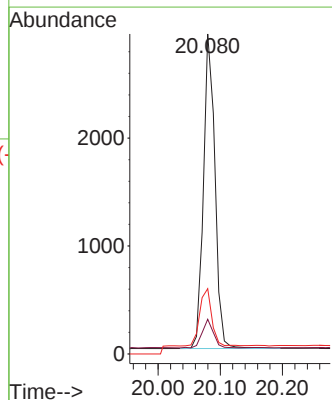
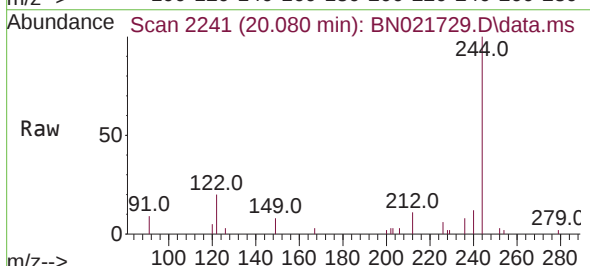
Manual Integrations  
APPROVED

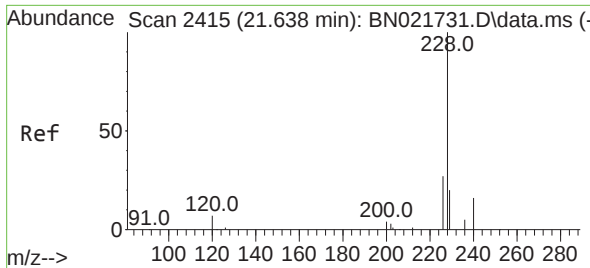
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#31  
Terphenyl-d14  
Concen: 0.103 ng  
RT: 20.080 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

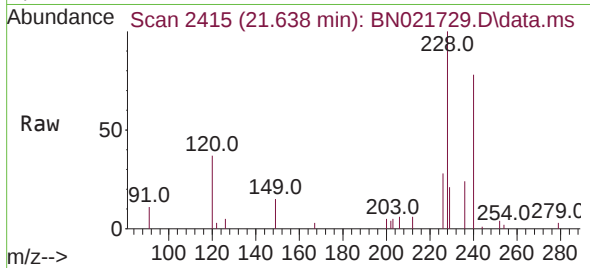
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 244   | Resp: | 3750 |
| Ion Ratio | Lower | Upper |      |
| 244       | 100   |       |      |
| 212       | 10.8  | 7.9   | 11.9 |
| 122       | 20.4  | 15.8  | 23.8 |





#32  
Benzo(a)anthracene  
Concen: 0.104 ng  
RT: 21.638 min Scan# 2415  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

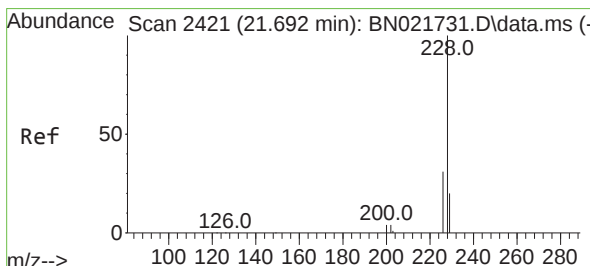
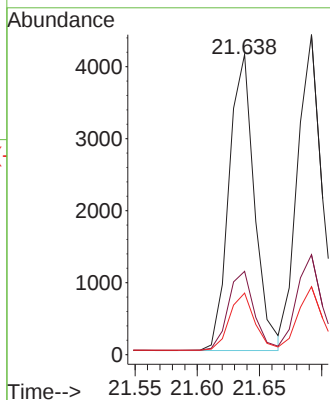
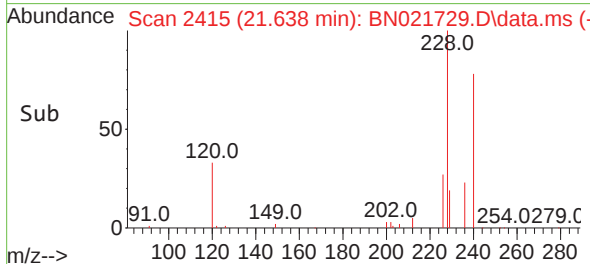
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:228 Resp: 585  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.5 32.3  
229 20.5 15.8 23.8

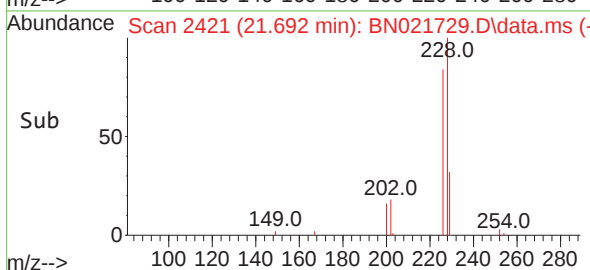
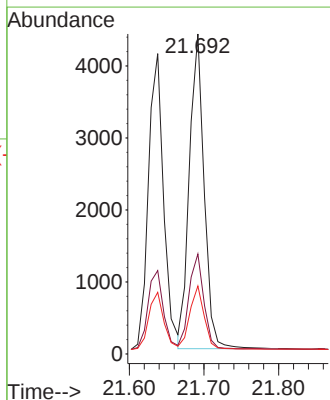
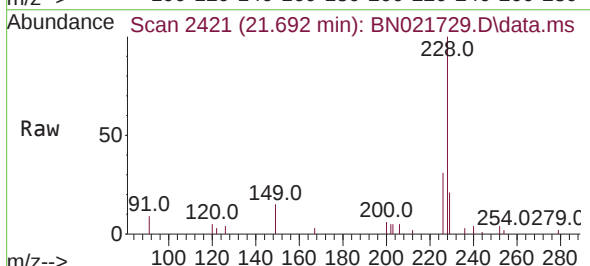
Manual Integrations  
APPROVED

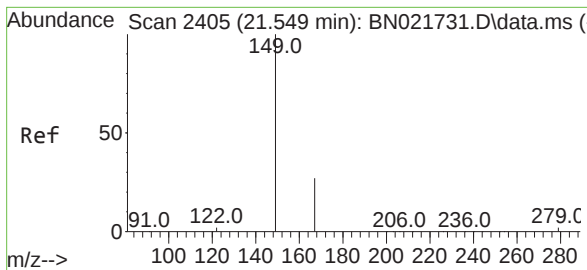
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#33  
Chrysene  
Concen: 0.090 ng  
RT: 21.692 min Scan# 2421  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

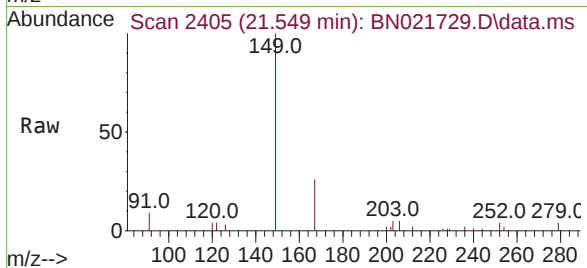
Tgt Ion:228 Resp: 6014  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.5 36.7  
229 21.2 16.0 24.0





#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.206 ng  
 RT: 21.549 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: BN021729.D  
 Acq: 13 Sep 2022 17:29

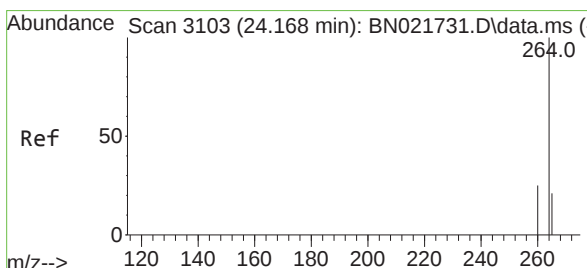
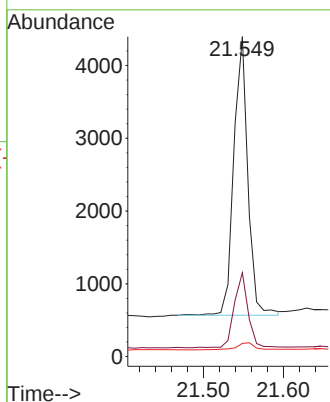
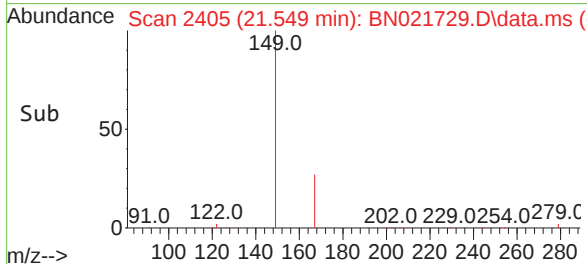
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1



Tgt Ion:149 Resp: 4679  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 20.8 31.2  
 279 3.5 2.1 3.1

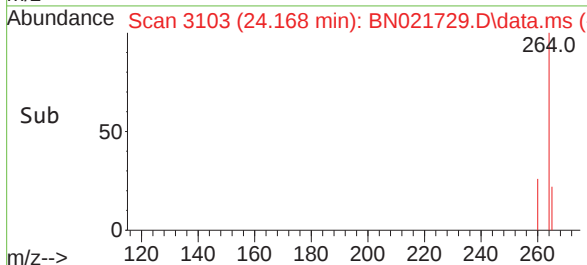
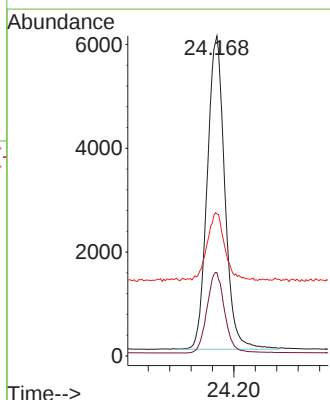
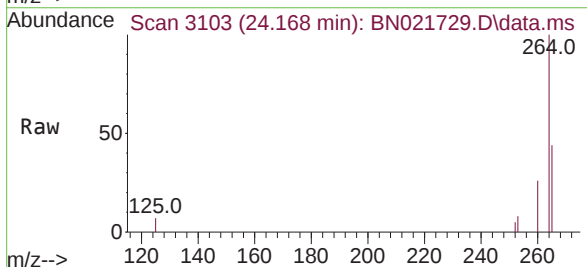
Manual Integrations  
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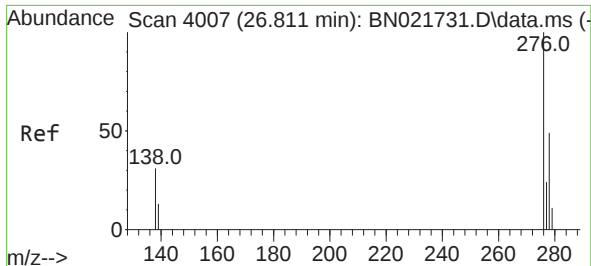
Reviewed By :Christian Giraldo 09/15/2022  
 Supervised By :Jagrut Upadhyay 09/15/2022



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.168 min Scan# 3103  
 Delta R.T. -0.000 min  
 Lab File: BN021729.D  
 Acq: 13 Sep 2022 17:29

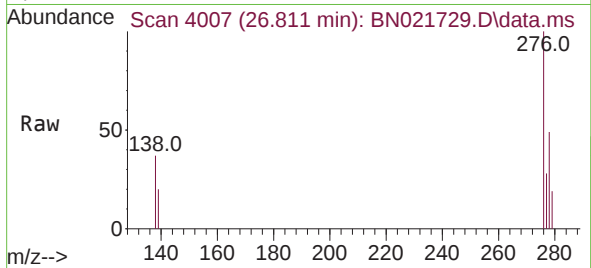
Tgt Ion:264 Resp: 13747  
 Ion Ratio Lower Upper  
 264 100  
 260 26.0 20.6 31.0  
 265 44.4 34.4 51.6





#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.090 ng  
RT: 26.811 min Scan# 4007  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

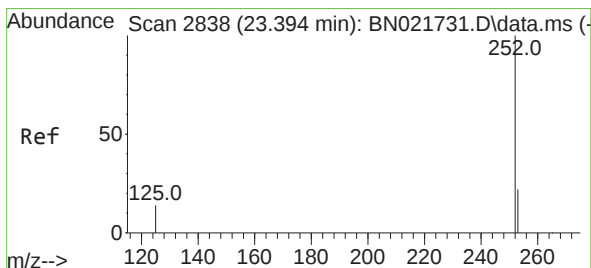
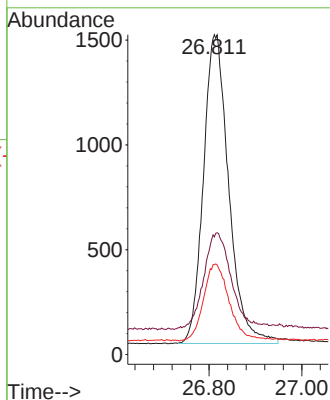
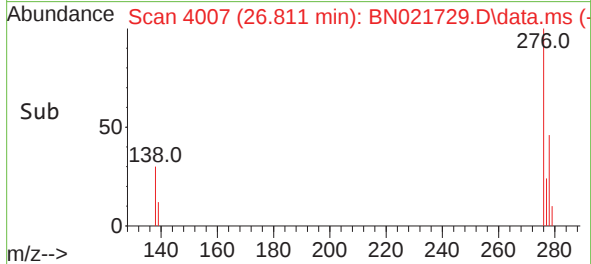
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



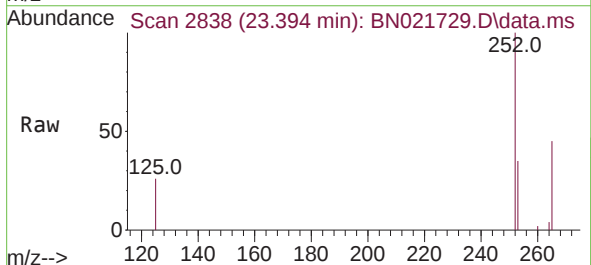
Tgt Ion:276 Resp: 5588  
Ion Ratio Lower Upper  
276 100  
138 32.1 27.4 41.0  
277 25.6 19.8 29.6

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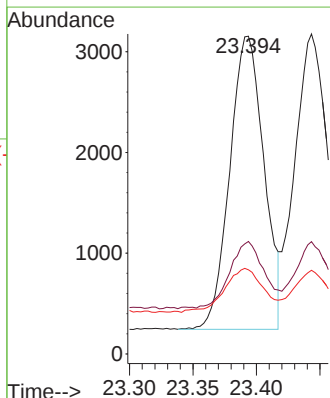
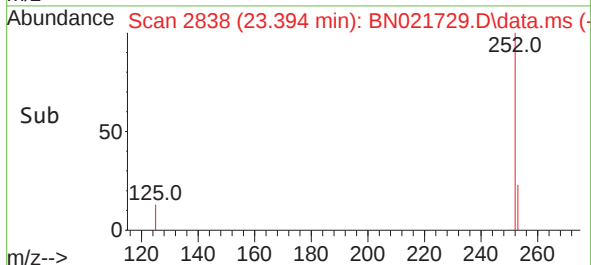
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022

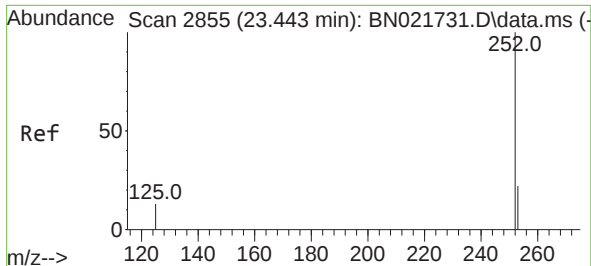


#37  
Benzo(b)fluoranthene  
Concen: 0.081 ng  
RT: 23.394 min Scan# 2838  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29



Tgt Ion:252 Resp: 5458  
Ion Ratio Lower Upper  
252 100  
253 35.4 19.6 29.4#  
125 26.5 13.0 19.4#





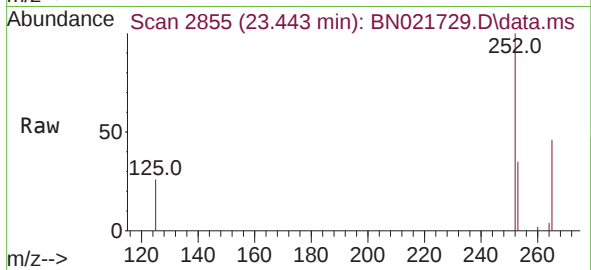
#38  
Benzo(k)fluoranthene  
Concen: 0.080 ng m  
RT: 23.443 min Scan# 2855  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

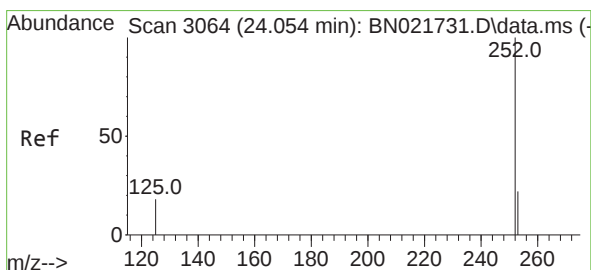
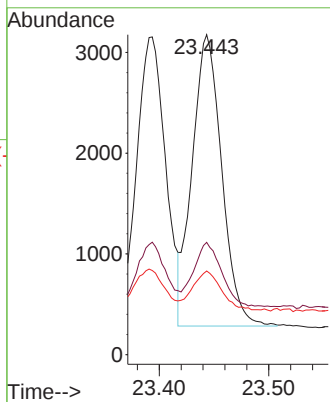
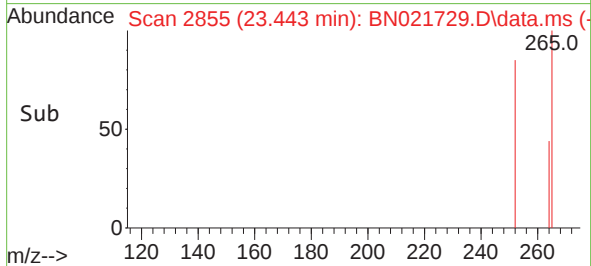


Tgt Ion:252 Resp: 5431  
Ion Ratio Lower Upper  
252 100  
253 35.1 19.4 29.2#  
125 26.1 12.6 18.8#

Manual Integrations

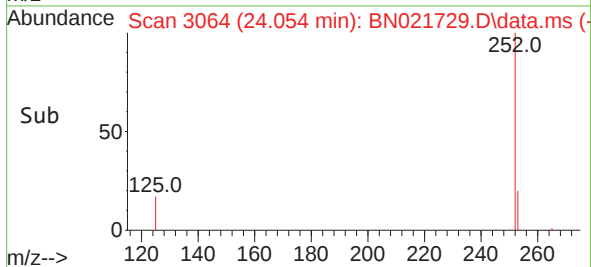
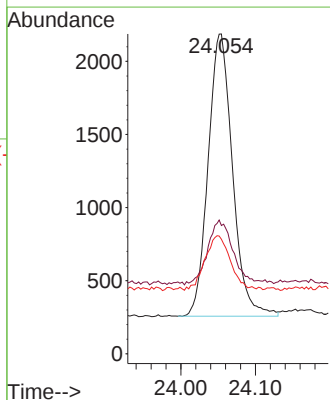
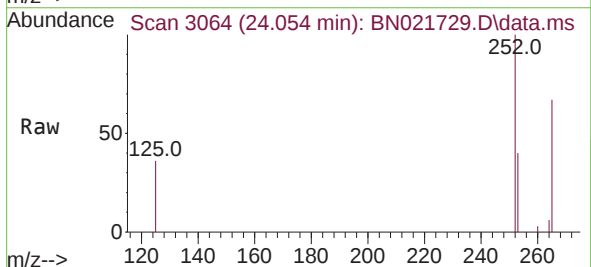
APPROVED

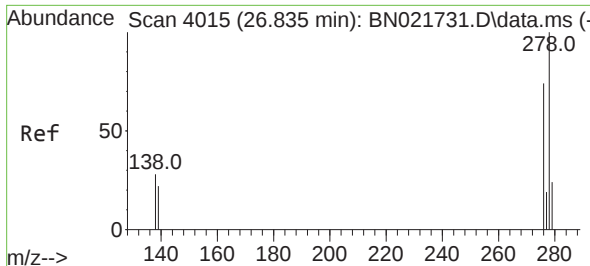
Reviewed By :Christian Giraldo 09/15/2022  
Supervised By :Jagrut Upadhyay 09/15/2022



#39  
Benzo(a)pyrene  
Concen: 0.093 ng  
RT: 24.054 min Scan# 3064  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

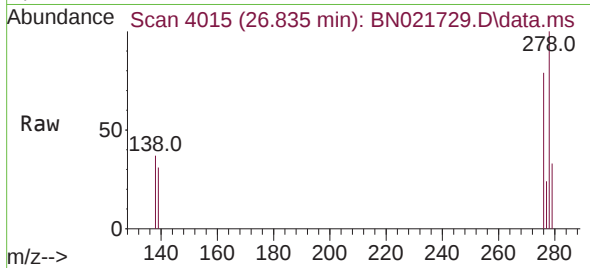
Tgt Ion:252 Resp: 4394  
Ion Ratio Lower Upper  
252 100  
253 40.1 20.8 31.2#  
125 35.8 17.4 26.0#





#40  
Dibenzo(a,h)anthracene  
Concen: 0.088 ng  
RT: 26.835 min Scan# 4015  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

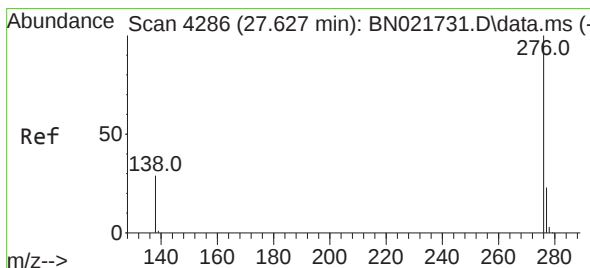
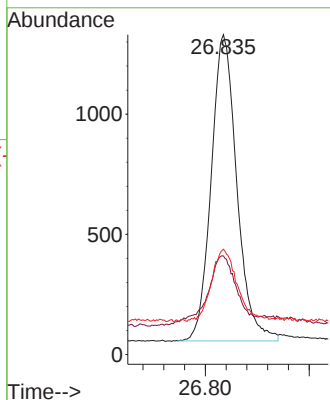
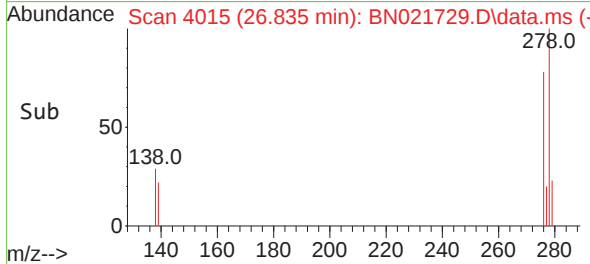
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:278 Resp: 4372  
Ion Ratio Lower Upper  
278 100  
139 30.8 19.2 28.8  
279 32.9 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: 0.087 ng  
RT: 27.627 min Scan# 4286  
Delta R.T. -0.000 min  
Lab File: BN021729.D  
Acq: 13 Sep 2022 17:29

Tgt Ion:276 Resp: 4747  
Ion Ratio Lower Upper  
276 100  
277 27.4 19.2 28.8  
138 36.3 24.2 36.2

