

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052722\  
 Data File : BN019989.D  
 Acq On : 27 May 2022 16:06  
 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 05/28/2022  
 Supervised By :Jagrut Upadhyay 05/31/2022

Quant Time: May 28 04:37:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 07:42:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.847  | 152  | 4008     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 13604    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.474 | 164  | 7941     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.205 | 188  | 15421    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.395 | 240  | 9273     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.741 | 264  | 7214     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 4628     | 0.462 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.017  | 99   | 5726     | 0.456 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 4280     | 0.417 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 9936     | 0.419 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.954 | 330  | 904      | 0.288 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.095 | 172  | 14566    | 0.420 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.240 | 212  | 16417    | 0.375 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.839 | 244  | 11251    | 0.515 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.348  | 88   | 1768     | 0.372 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.673  | 42   | 2098     | 0.403 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.269  | 93   | 4980     | 0.407 | ng    | 98       |
| 9) Naphthalene                | 10.690 | 128  | 17078    | 0.413 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 3106     | 0.414 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.299 | 142  | 11699    | 0.416 | ng    | 99       |
| 16) Acenaphthylene            | 14.185 | 152  | 15712m   | 0.422 | ng    |          |
| 17) Acenaphthene              | 14.527 | 154  | 10993    | 0.399 | ng    | 96       |
| 18) Fluorene                  | 15.521 | 166  | 13729    | 0.394 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.607 | 198  | 208      | 0.094 | ng    | # 33     |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248  | 4111     | 0.436 | ng    | 92       |
| 22) Hexachlorobenzene         | 16.528 | 284  | 4760     | 0.456 | ng    | 100      |
| 23) Atrazine                  | 16.672 | 200  | 2486     | 0.404 | ng    | 99       |
| 24) Pentachlorophenol         | 16.866 | 266  | 786      | 0.195 | ng    | 98       |
| 25) Phenanthrene              | 17.246 | 178  | 22063    | 0.413 | ng    | 100      |
| 26) Anthracene                | 17.338 | 178  | 18068    | 0.400 | ng    | 100      |
| 28) Fluoranthene              | 19.274 | 202  | 20901    | 0.365 | ng    | 100      |
| 30) Pyrene                    | 19.632 | 202  | 20277    | 0.516 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.386 | 228  | 14131    | 0.418 | ng    | 99       |
| 33) Chrysene                  | 21.431 | 228  | 15549    | 0.410 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 6863     | 0.488 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.150 | 276  | 13378    | 0.396 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.033 | 252  | 12893    | 0.409 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.077 | 252  | 13784m   | 0.412 | ng    |          |
| 39) Benzo(a)pyrene            | 23.635 | 252  | 10081    | 0.407 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 26.167 | 278  | 10556    | 0.388 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.889 | 276  | 11724    | 0.419 | ng    | 99       |

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

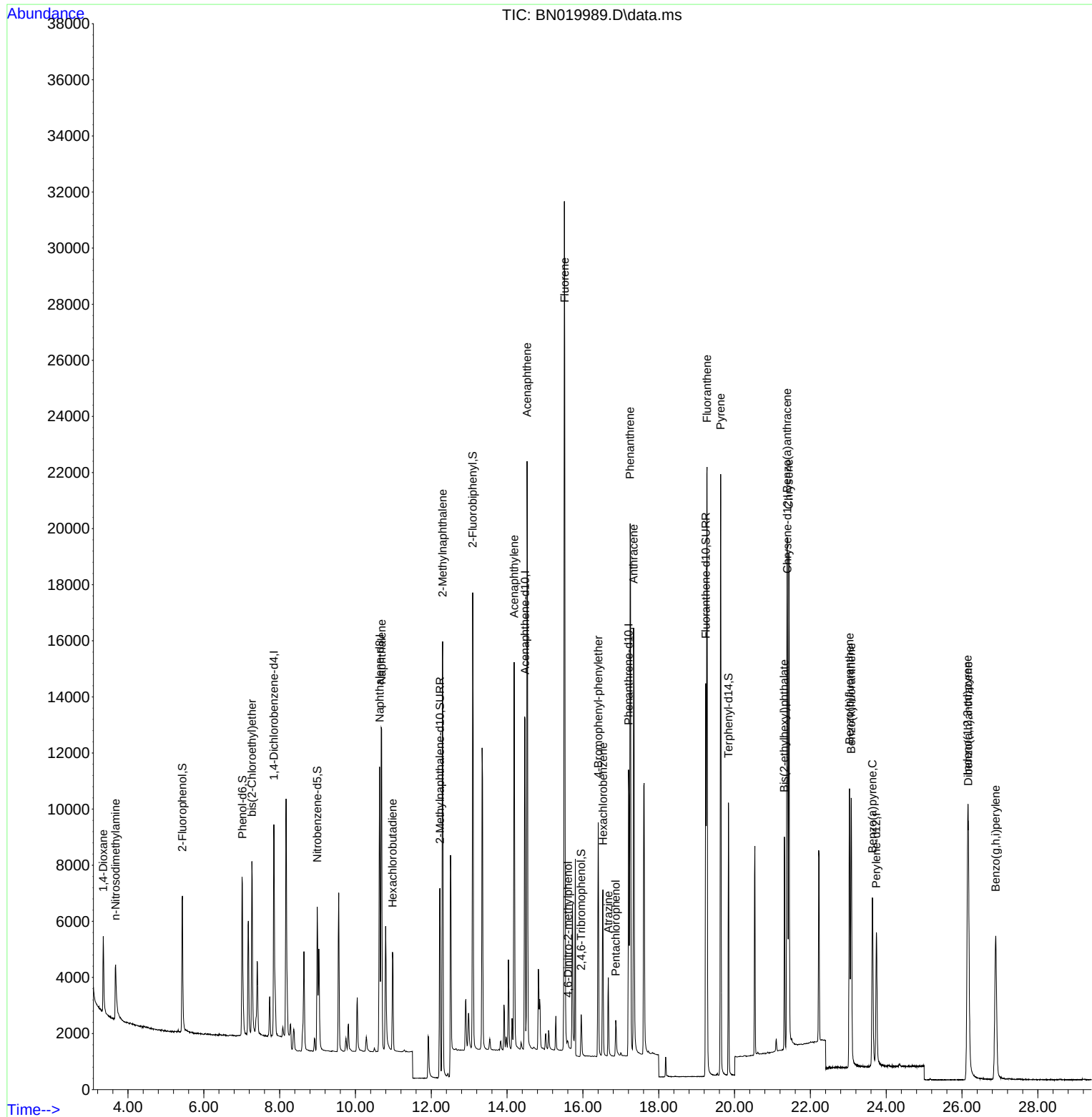
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052722\  
Data File : BN019989.D  
Acq On : 27 May 2022 16:06  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

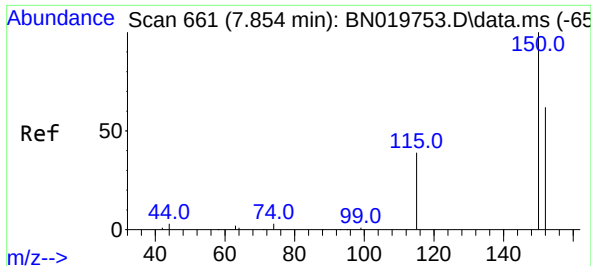
Instrument :  
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ClientSampleId :  
SSTDCCC0.4

Quant Time: May 28 04:37:37 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051322.M  
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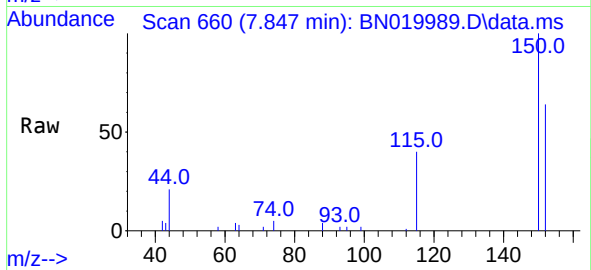
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1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.847 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

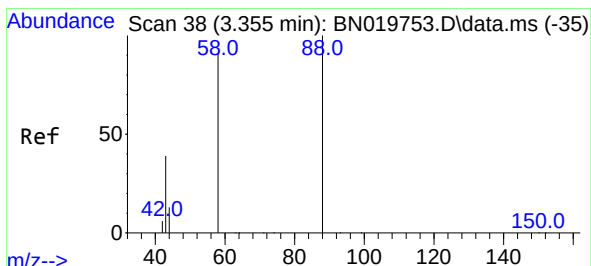
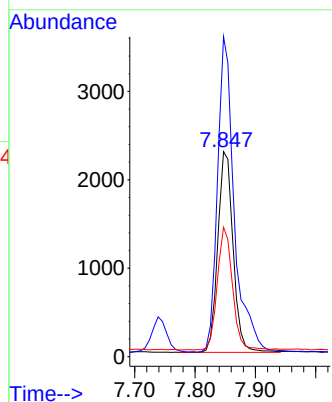
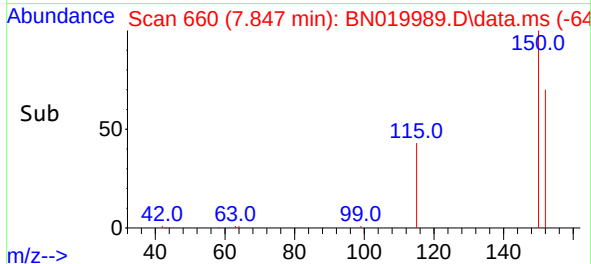


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Ion Ratio Lower Upper  
152 100  
150 156.1 127.9 191.9  
115 63.1 51.4 77.2

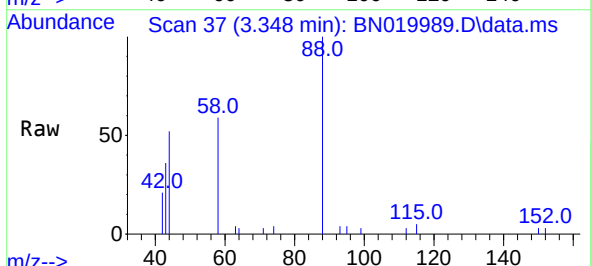
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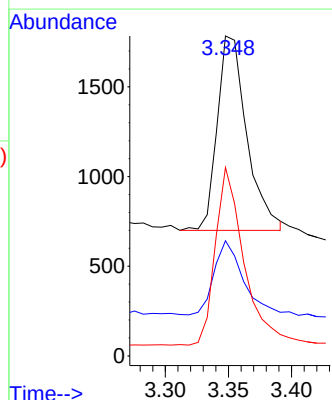
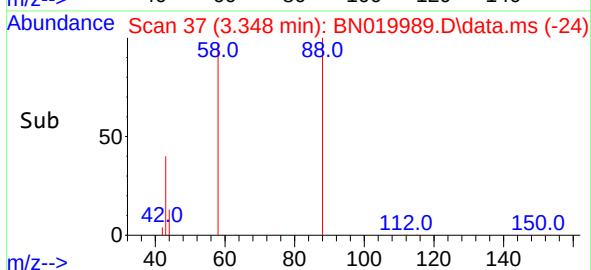
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

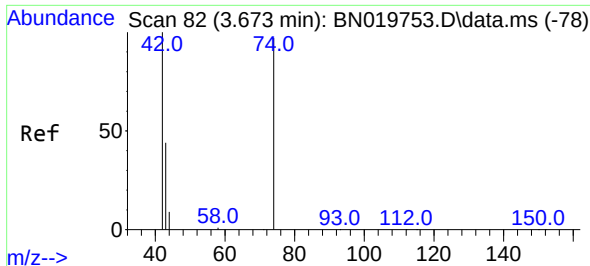


#2  
1,4-Dioxane  
Concen: 0.372 ng  
RT: 3.348 min Scan# 37  
Delta R.T. -0.007 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



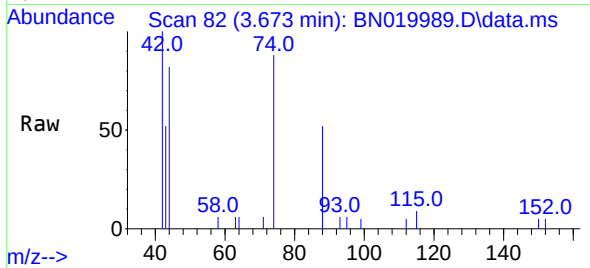
Tgt Ion: 88 Resp: 1768  
Ion Ratio Lower Upper  
88 100  
43 37.3 30.2 45.2  
58 87.6 73.0 109.6





#3  
n-Nitrosodimethylamine  
Concen: 0.403 ng  
RT: 3.673 min Scan# 82  
Delta R.T. 0.007 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

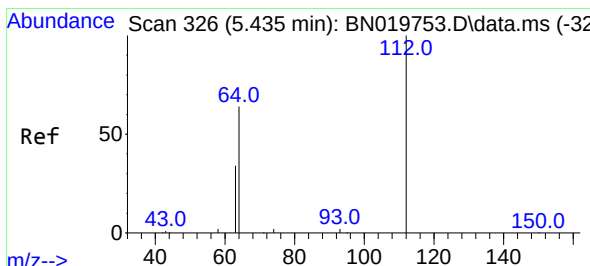
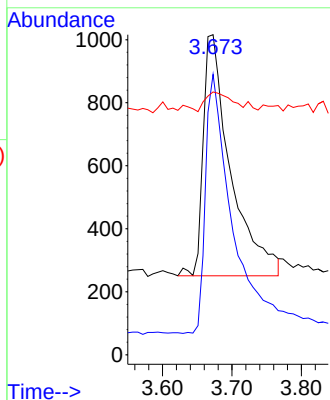
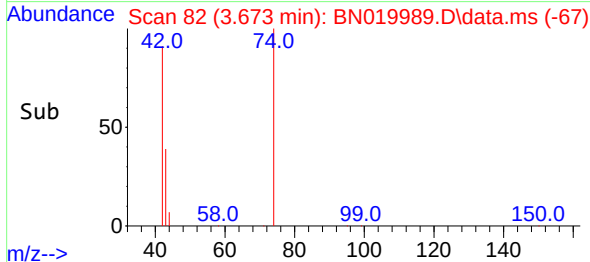
Instrument :  
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ClientSampleId :  
SSTDCCC0.4



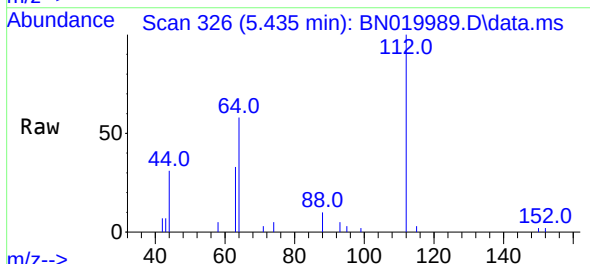
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Ion Ratio Lower Upper  
42 100  
74 104.7 84.0 126.0  
44 8.5 9.8 14.8

Manual Integrations  
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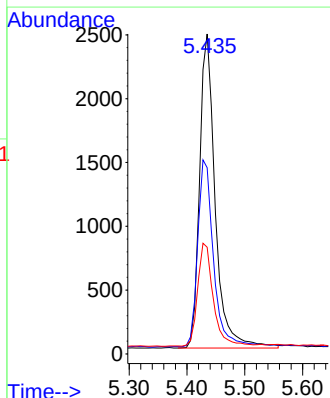
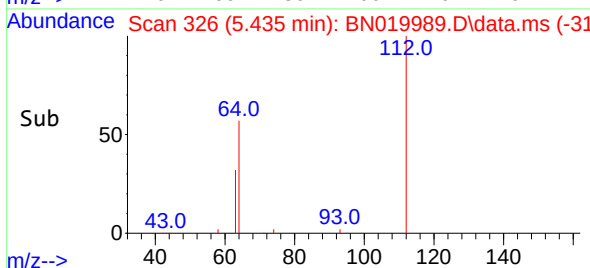
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

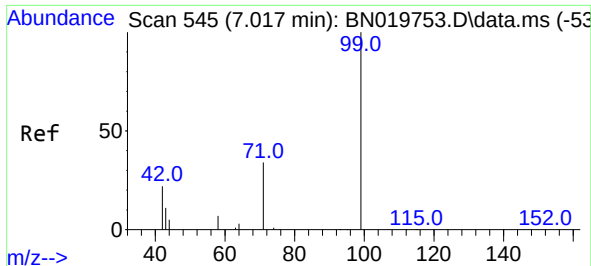


#4  
2-Fluorophenol  
Concen: 0.462 ng  
RT: 5.435 min Scan# 326  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:112 Resp: 4628  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.1 73.7  
63 33.1 26.3 39.5





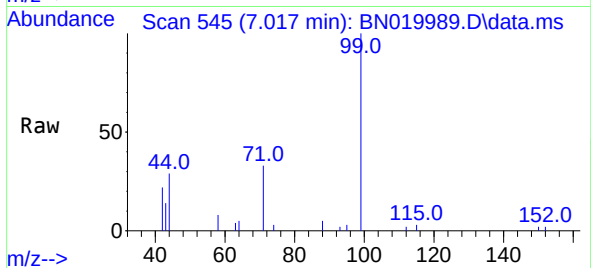
#5  
Phenol-d6  
Concen: 0.456 ng  
RT: 7.017 min Scan# 545  
Delta R.T. 0.007 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

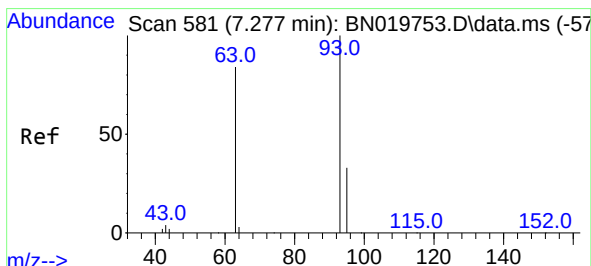
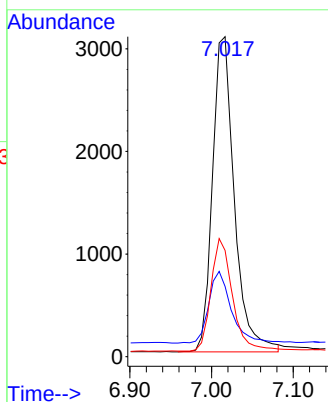
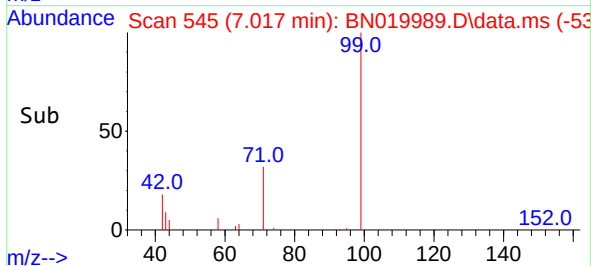


Tgt Ion: 99 Resp: 5720  
Ion Ratio Lower Upper  
99 100  
42 23.4 19.3 28.9  
71 35.1 27.5 41.3

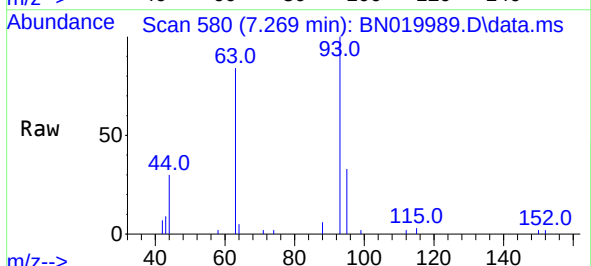
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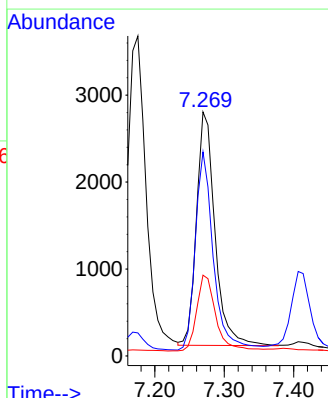
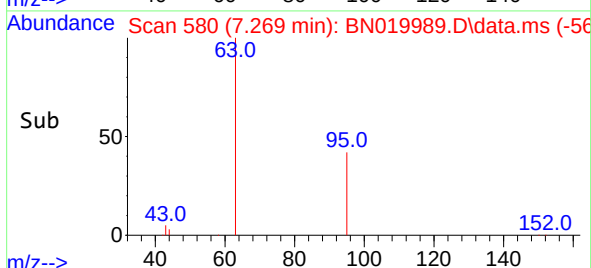
Reviewed By :Christian Giraldo 05/28/2022  
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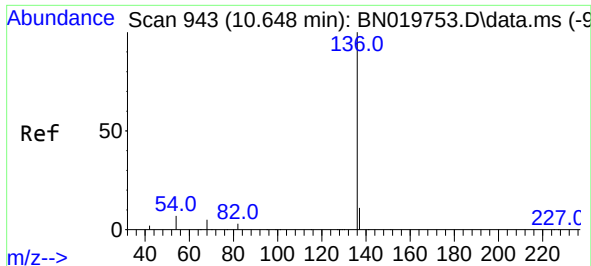


#6  
bis(2-Chloroethyl)ether  
Concen: 0.407 ng  
RT: 7.269 min Scan# 580  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion: 93 Resp: 4980  
Ion Ratio Lower Upper  
93 100  
63 82.6 67.4 101.0  
95 33.8 26.5 39.7





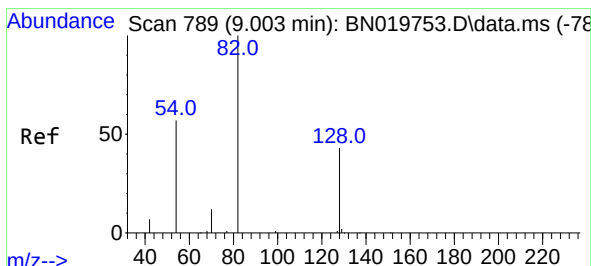
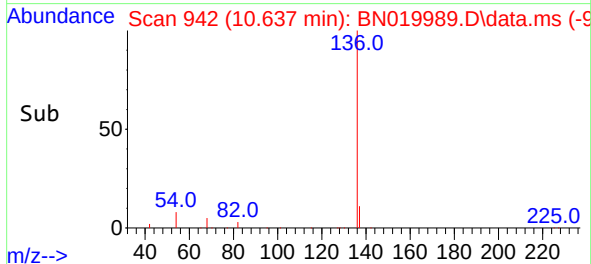
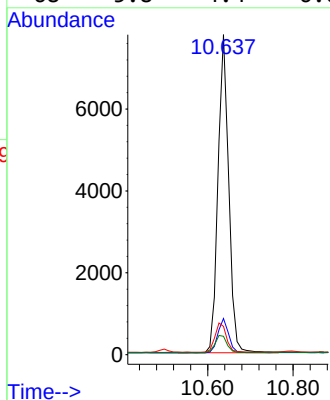
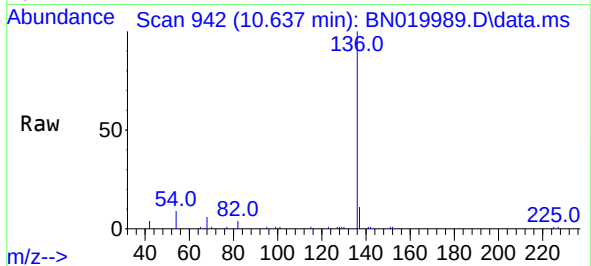
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 1360 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.3  | 9.0   | 13.6 |
| 54        | 8.9   | 6.2   | 9.2  |
| 68        | 5.8   | 4.4   | 6.6  |

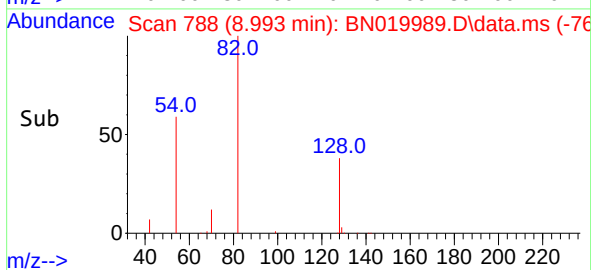
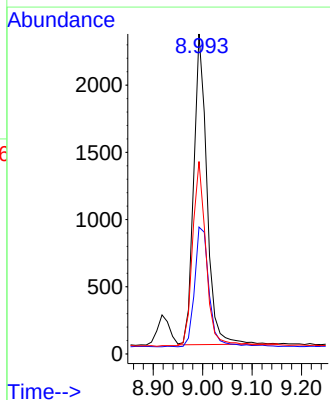
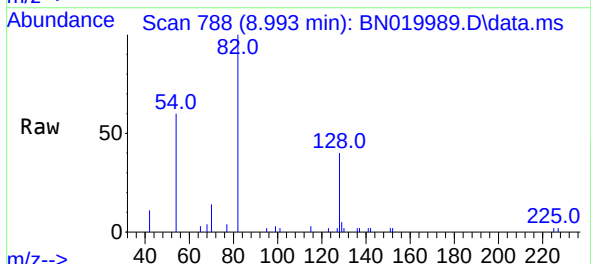
Manual Integrations  
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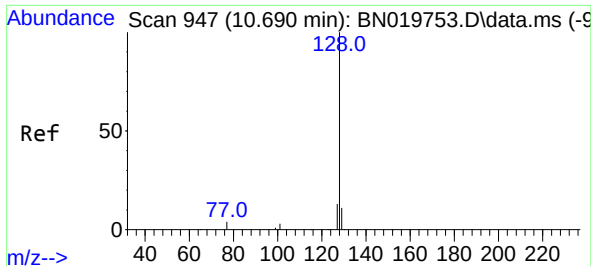
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Supervised By :Jagrut Upadhyay 05/31/2022



#8  
Nitrobenzene-d5  
Concen: 0.417 ng  
RT: 8.993 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

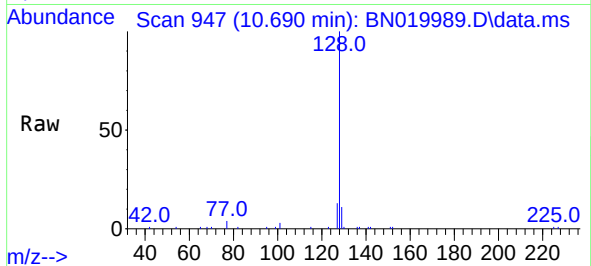
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4280 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 39.6  | 35.0  | 52.6 |
| 54        | 60.1  | 46.2  | 69.4 |





#9  
Naphthalene  
Concen: 0.413 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

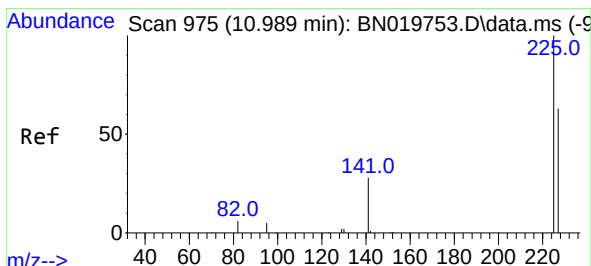
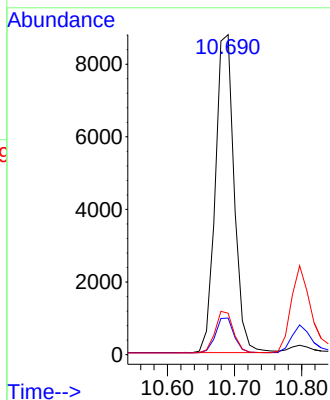
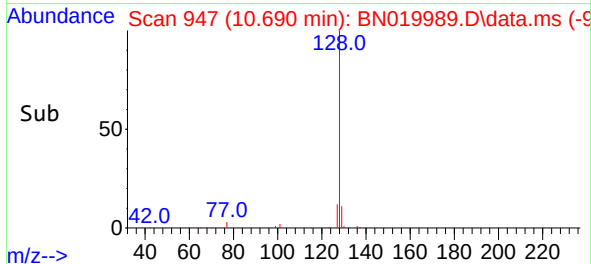
Instrument :  
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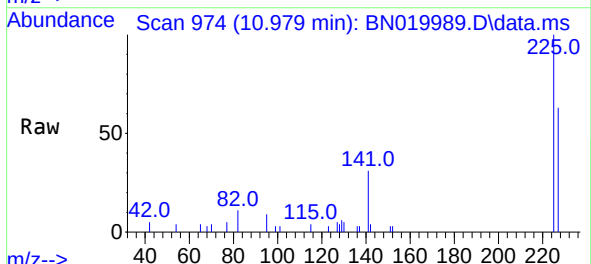
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Ion Ratio Lower Upper  
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127 12.9 10.8 16.2

Manual Integrations  
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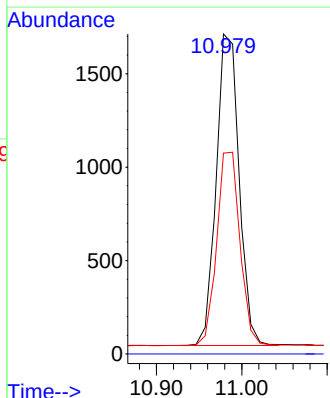
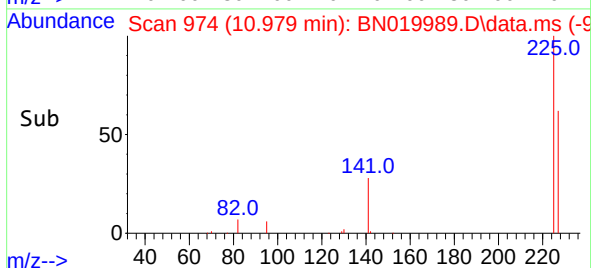
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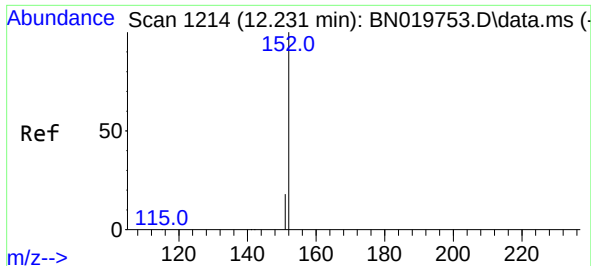


#10  
Hexachlorobutadiene  
Concen: 0.414 ng  
RT: 10.979 min Scan# 974  
Delta R.T. -0.011 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:225 Resp: 3106  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.8 50.9 76.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.419 ng  
RT: 12.227 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

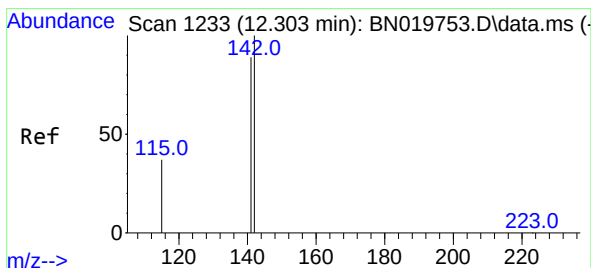
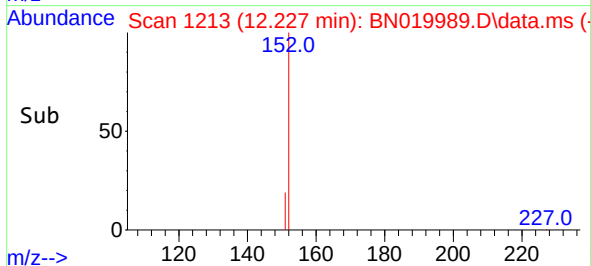
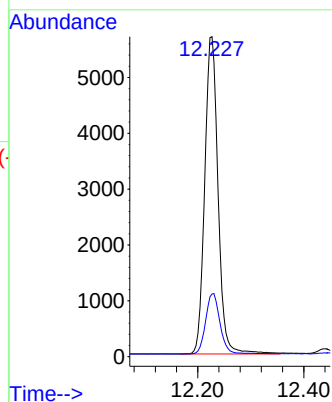
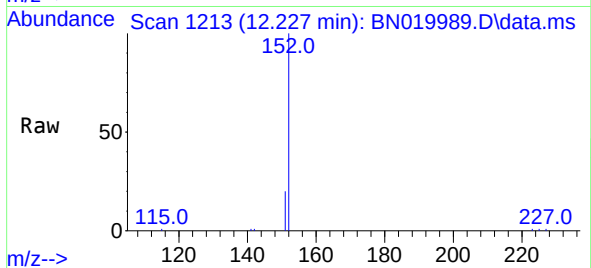
SSTDCCC0.4

Tgt Ion:152 Resp: 9930  
Ion Ratio Lower Upper  
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151 20.3 16.2 24.4

Manual Integrations

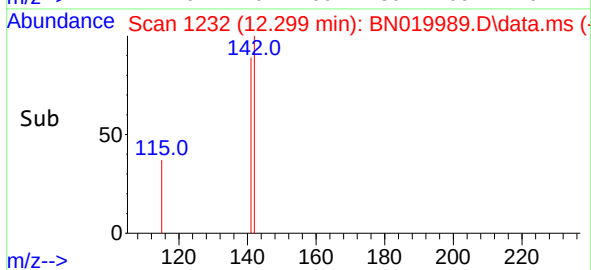
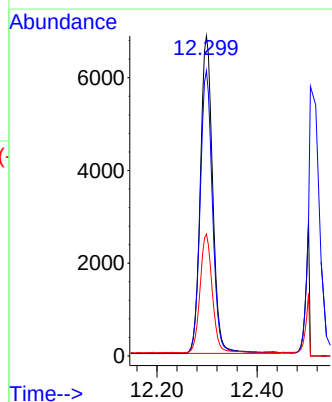
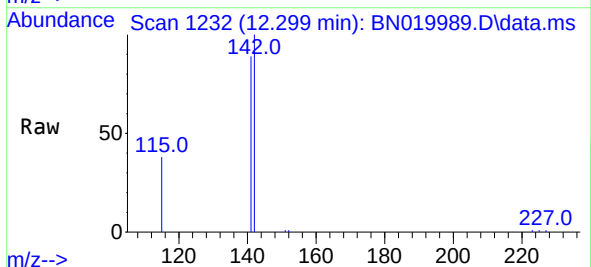
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Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

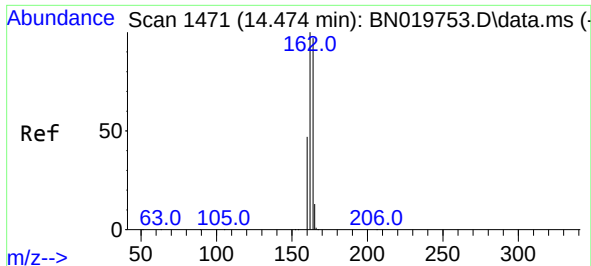


#12  
2-Methylnaphthalene  
Concen: 0.416 ng  
RT: 12.299 min Scan# 1232  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Tgt Ion:142 Resp: 11699  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.6 107.4  
115 38.1 29.8 44.8

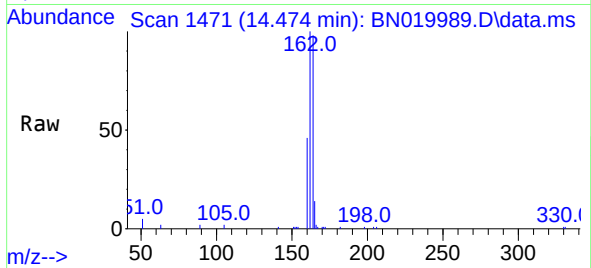






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.011 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

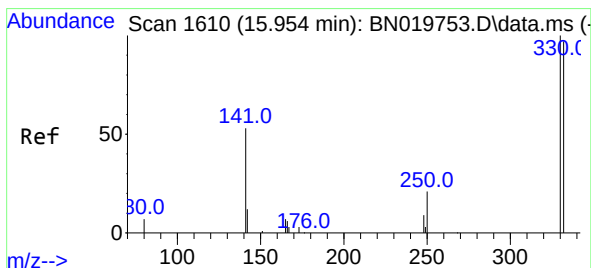
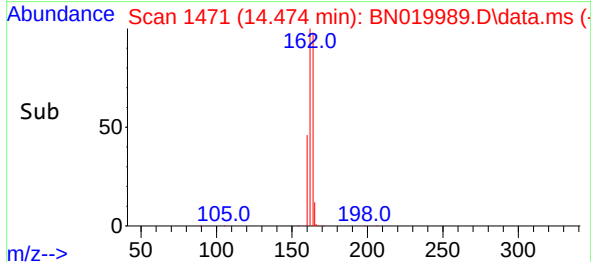
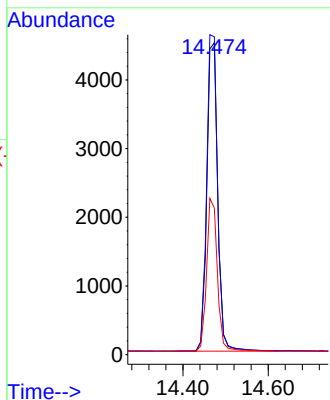
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:164 Resp: 794  
Ion Ratio Lower Upper  
164 100  
162 101.9 82.1 123.1  
160 47.0 38.6 58.0

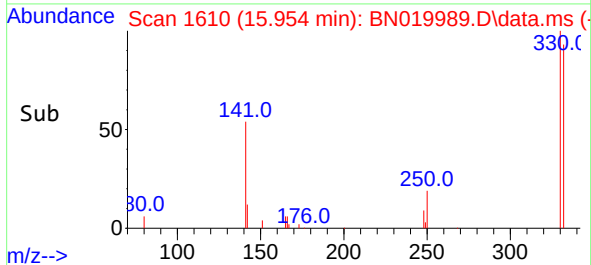
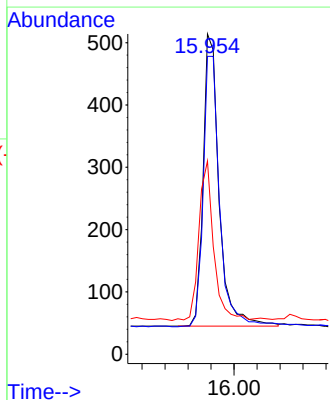
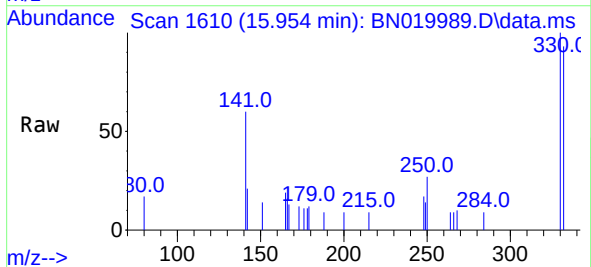
Manual Integrations  
APPROVED

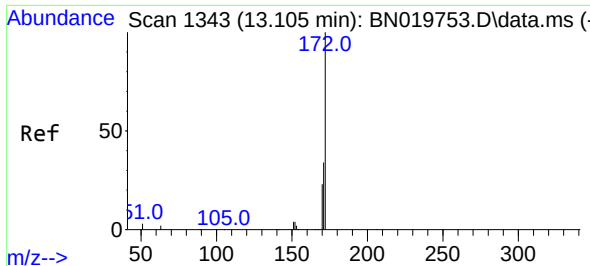
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#14  
2,4,6-Tribromophenol  
Concen: 0.288 ng  
RT: 15.954 min Scan# 1610  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Tgt Ion:330 Resp: 904  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.6 116.4  
141 50.9 41.0 61.4





#15  
2-Fluorobiphenyl  
Concen: 0.420 ng  
RT: 13.095 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

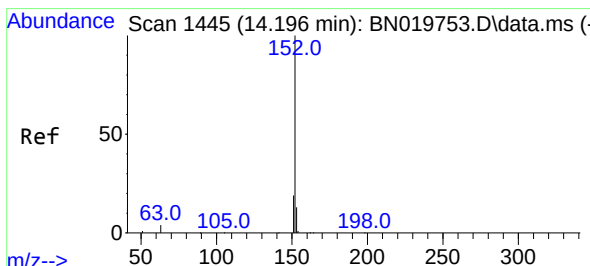
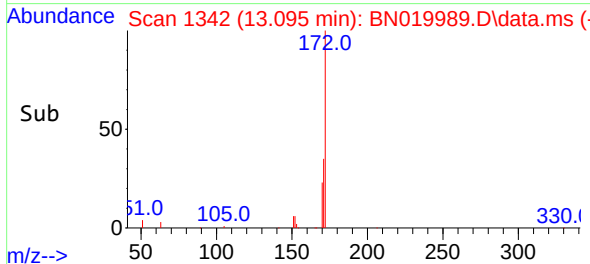
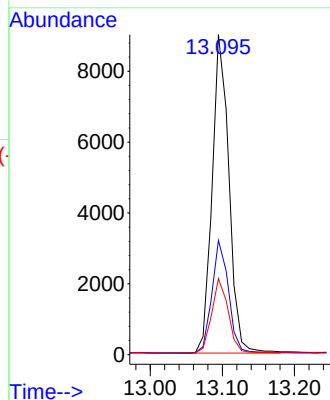
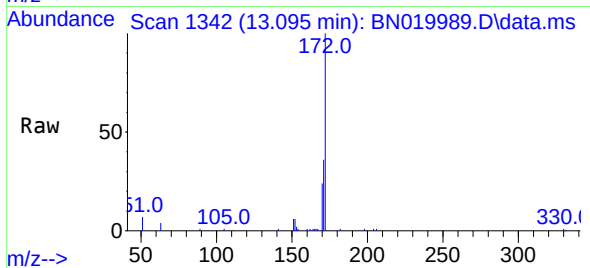
SSTDCCC0.4

Tgt Ion:172 Resp: 1456  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.2 40.8  
170 23.8 18.2 27.4

Manual Integrations

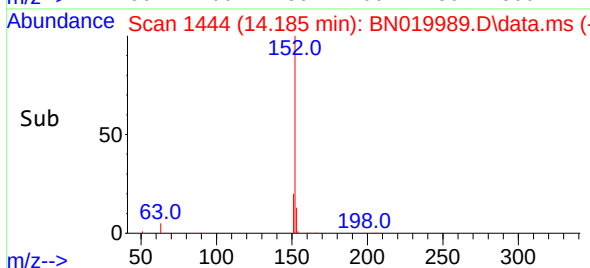
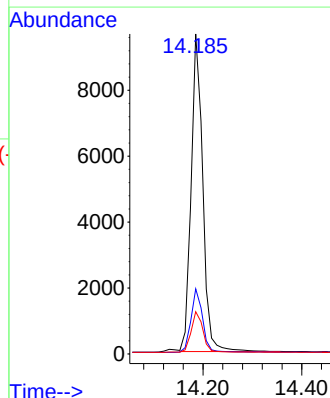
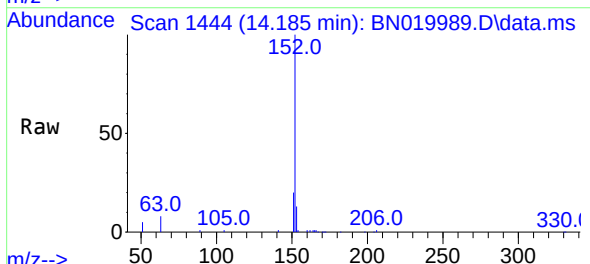
APPROVED

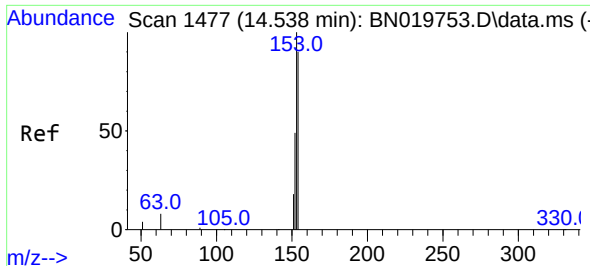
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#16  
Acenaphthylene  
Concen: 0.422 ng m  
RT: 14.185 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

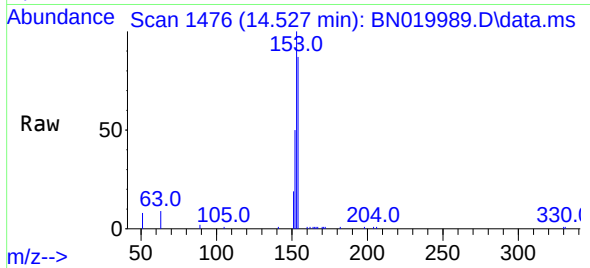
Tgt Ion:152 Resp: 15712  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 13.3 10.7 16.1





#17  
Acenaphthene  
Concen: 0.399 ng  
RT: 14.527 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

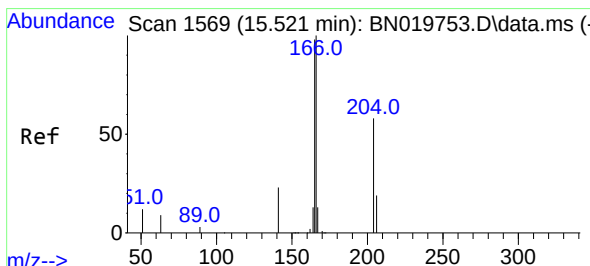
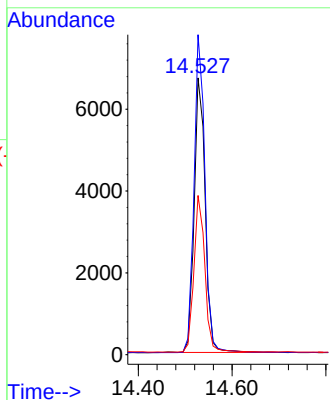
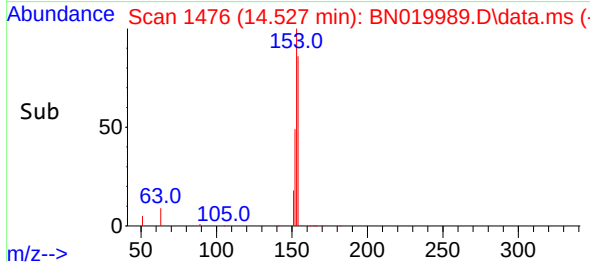
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:154 Resp: 1099  
Ion Ratio Lower Upper  
154 100  
153 114.0 87.5 131.3  
152 56.7 43.8 65.6

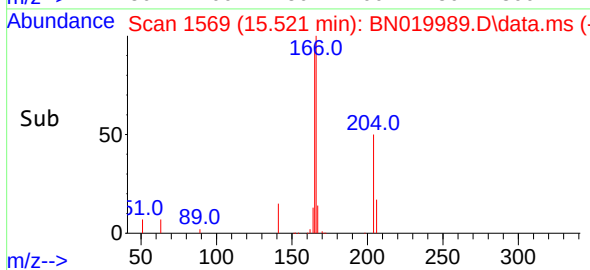
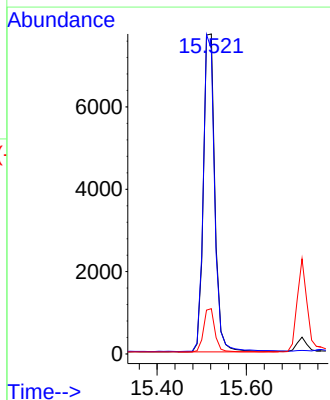
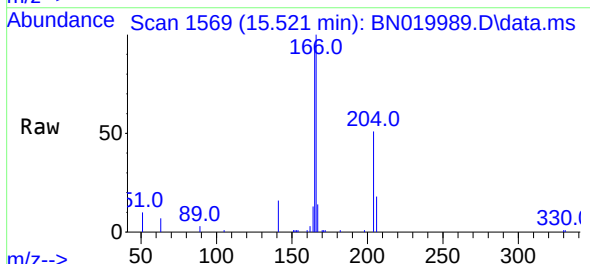
Manual Integrations  
APPROVED

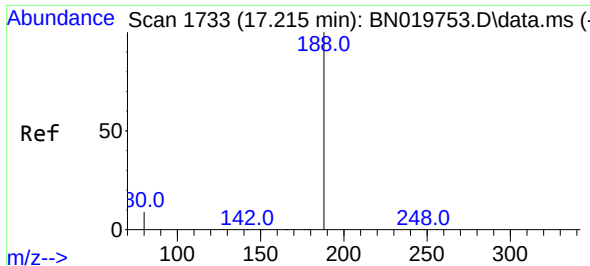
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#18  
Fluorene  
Concen: 0.394 ng  
RT: 15.521 min Scan# 1569  
Delta R.T. 0.011 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Tgt Ion:166 Resp: 13729  
Ion Ratio Lower Upper  
166 100  
165 98.3 78.6 118.0  
167 13.5 10.8 16.2





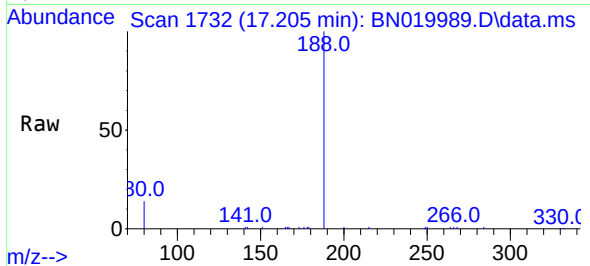
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.205 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

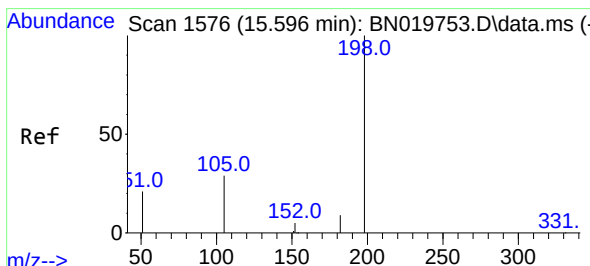
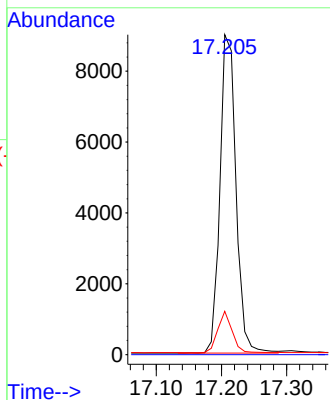
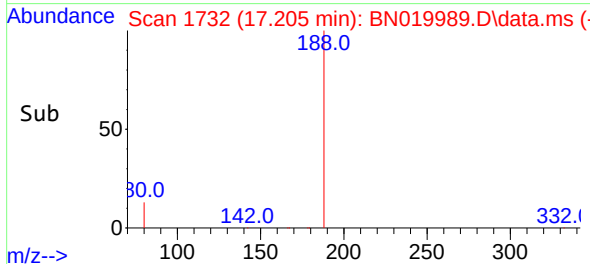


Tgt Ion:188 Resp: 1542  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.6 7.4 11.2

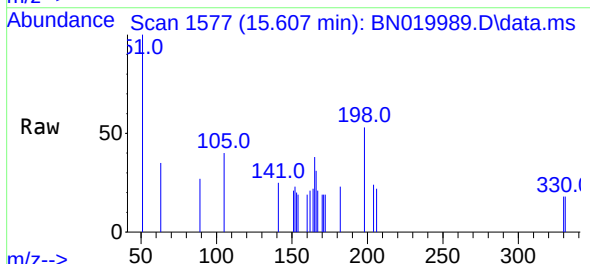
Manual Integrations

APPROVED

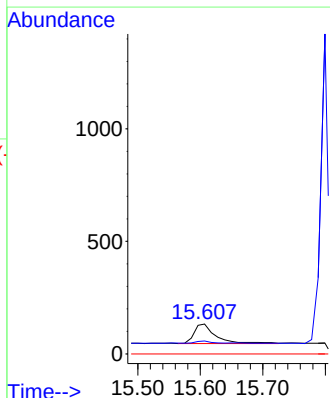
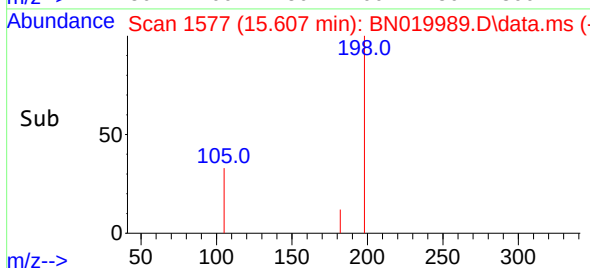
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

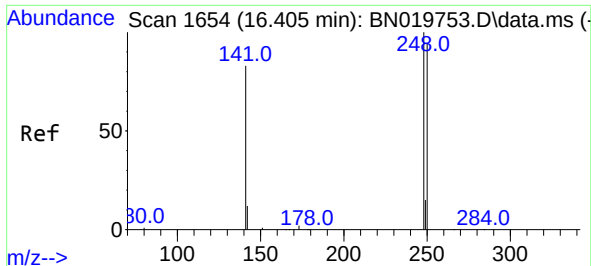


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.094 ng  
RT: 15.607 min Scan# 1577  
Delta R.T. 0.011 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:198 Resp: 208  
Ion Ratio Lower Upper  
198 100  
182 42.9 12.1 18.1#  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.436 ng  
RT: 16.405 min Scan# 1654  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

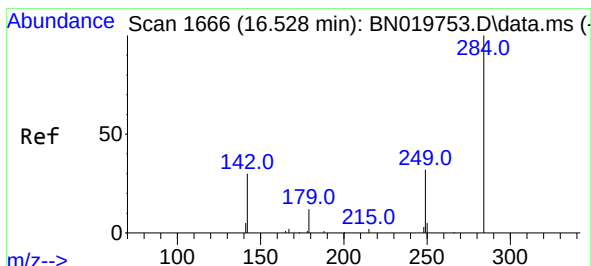
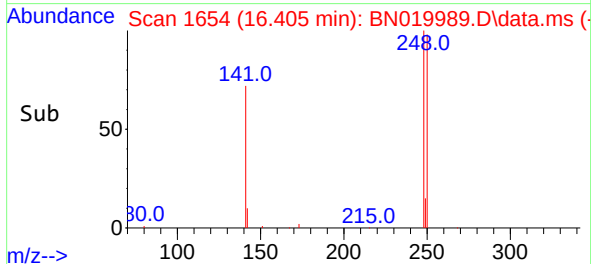
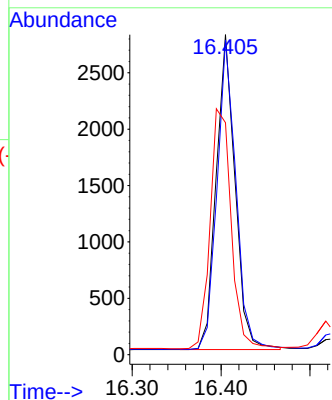
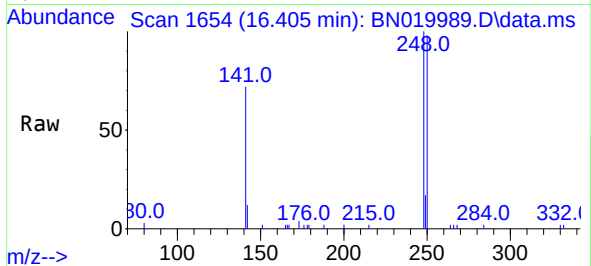
SSTDCCC0.4

Tgt Ion:248 Resp: 411  
Ion Ratio Lower Upper  
248 100  
250 98.3 75.3 112.9  
141 72.5 67.3 100.9

Manual Integrations

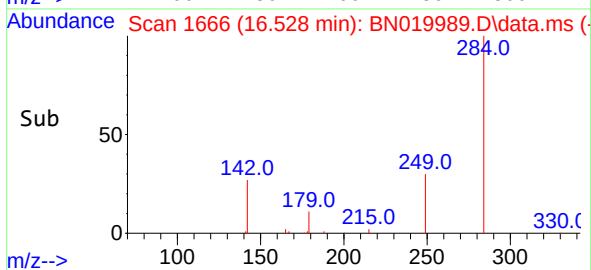
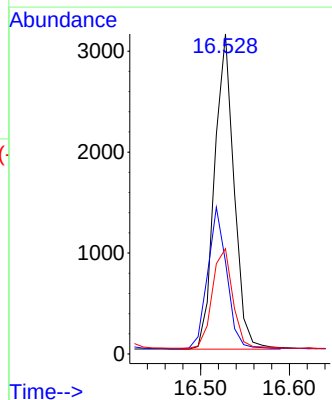
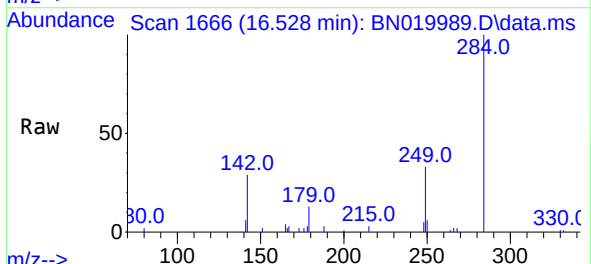
APPROVED

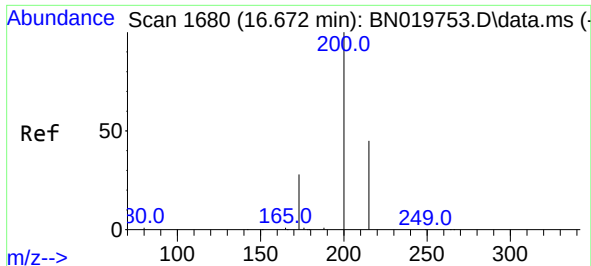
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#22  
Hexachlorobenzene  
Concen: 0.456 ng  
RT: 16.528 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

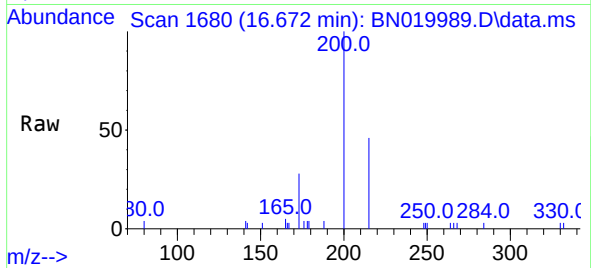
Tgt Ion:284 Resp: 4760  
Ion Ratio Lower Upper  
284 100  
142 43.8 35.2 52.8  
249 33.0 26.6 40.0





#23  
Atrazine  
Concen: 0.404 ng  
RT: 16.672 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

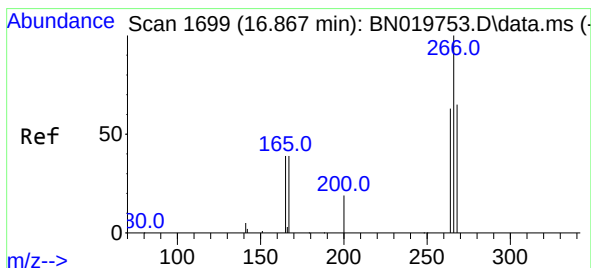
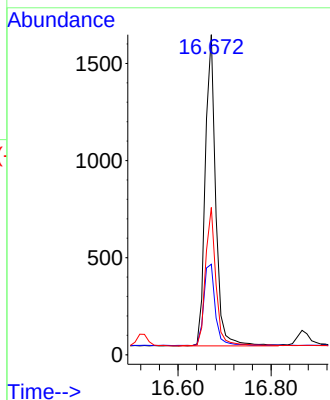
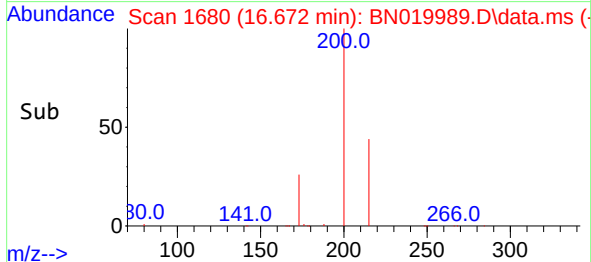
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



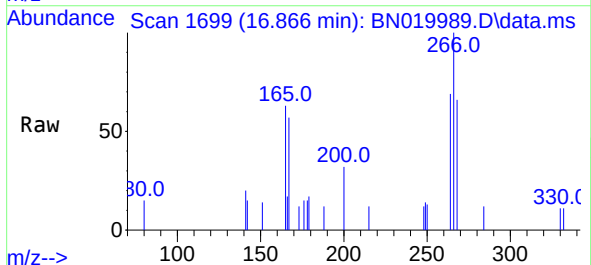
Tgt Ion:200 Resp: 2480  
Ion Ratio Lower Upper  
200 100  
173 28.3 23.6 35.4  
215 46.0 36.6 54.8

Manual Integrations  
APPROVED

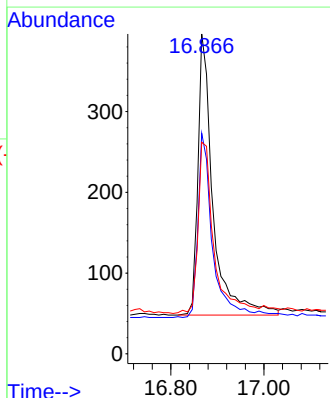
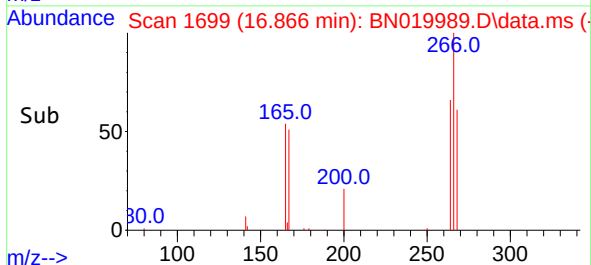
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

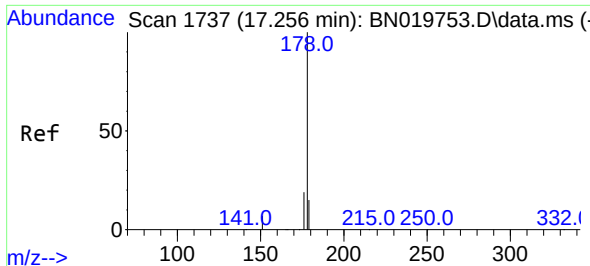


#24  
Pentachlorophenol  
Concen: 0.195 ng  
RT: 16.866 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



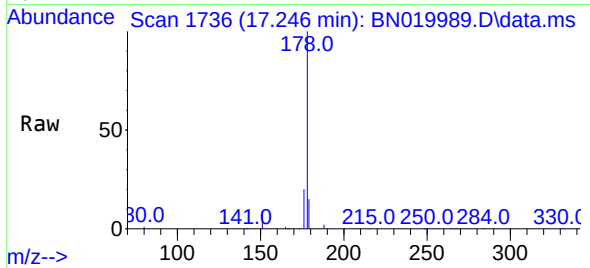
Tgt Ion:266 Resp: 786  
Ion Ratio Lower Upper  
266 100  
264 62.5 51.3 76.9  
268 63.9 52.6 79.0





#25  
Phenanthrene  
Concen: 0.413 ng  
RT: 17.246 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

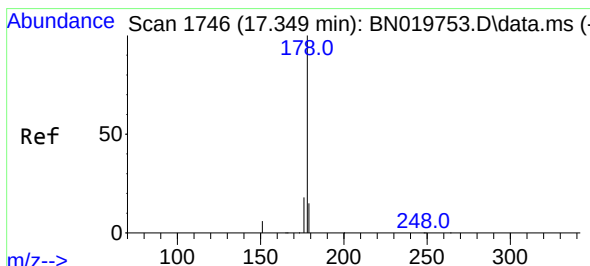
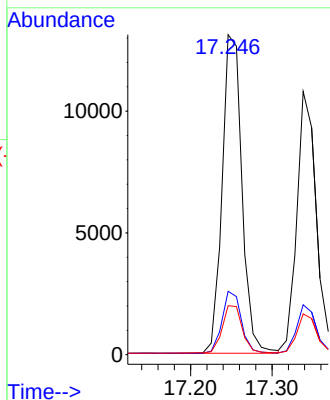
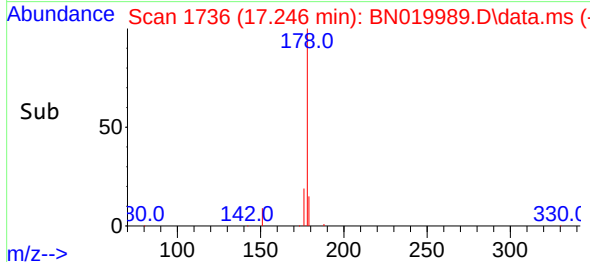
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



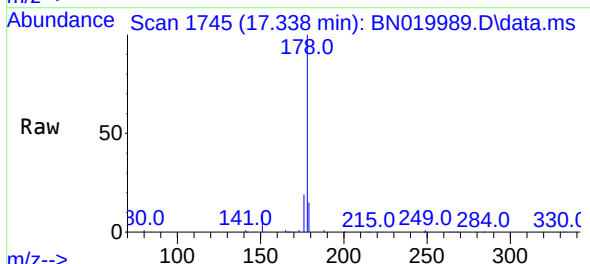
Tgt Ion:178 Resp: 22068  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.3 12.2 18.4

Manual Integrations  
APPROVED

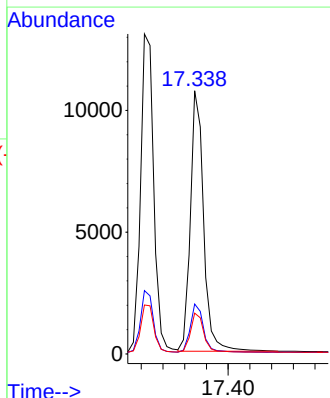
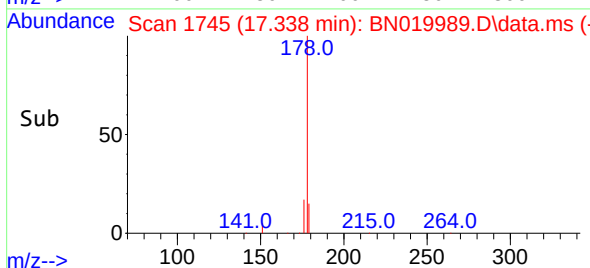
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

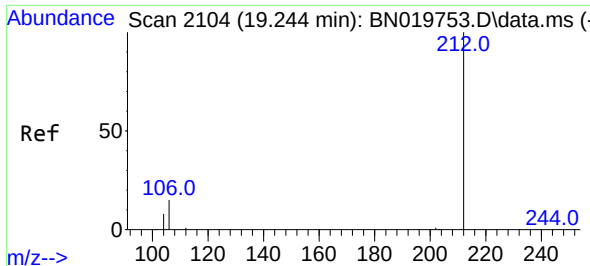


#26  
Anthracene  
Concen: 0.400 ng  
RT: 17.338 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:178 Resp: 18068  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.0 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.375 ng  
RT: 19.240 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

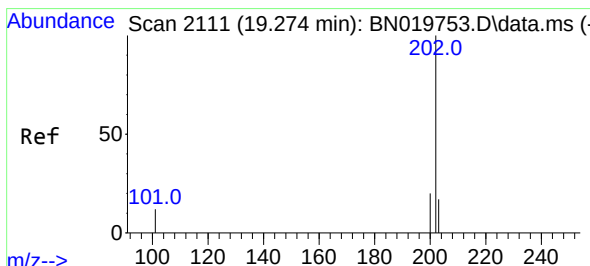
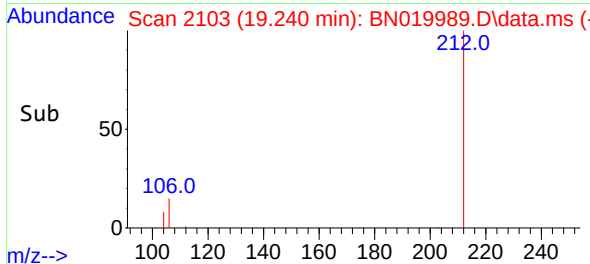
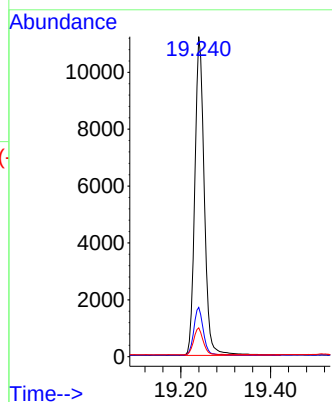
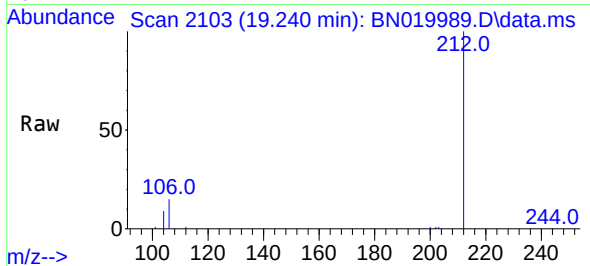
SSTDCCC0.4

Tgt Ion:212 Resp: 1641  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.6 19.0  
104 8.4 7.2 10.8

Manual Integrations

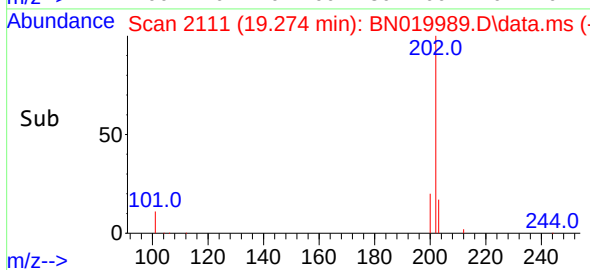
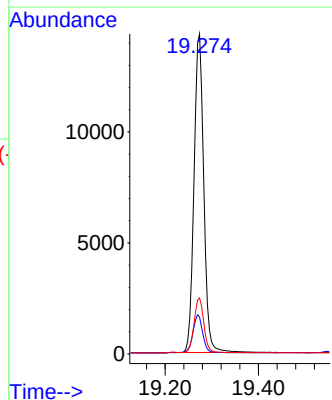
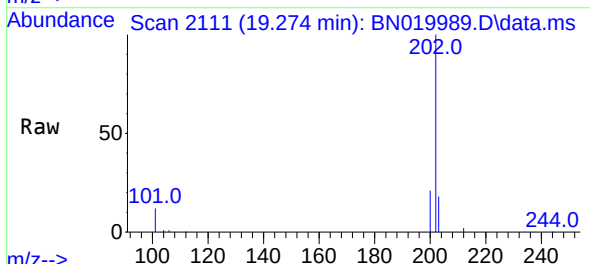
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Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

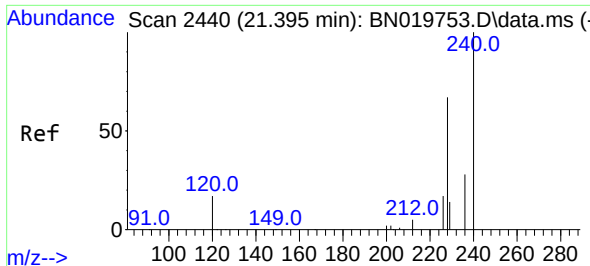


#28  
Fluoranthene  
Concen: 0.365 ng  
RT: 19.274 min Scan# 2111  
Delta R.T. 0.004 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Tgt Ion:202 Resp: 20901  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.6 14.4  
203 16.9 13.5 20.3







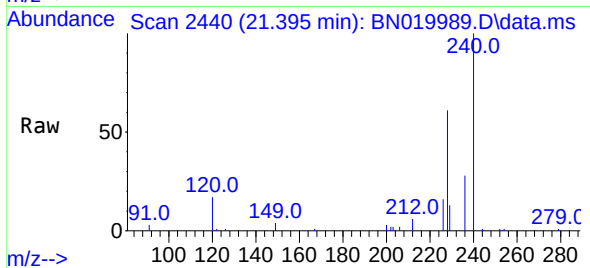
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.395 min Scan# 2440  
Delta R.T. -0.009 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

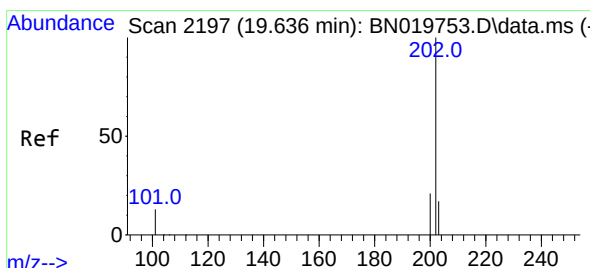
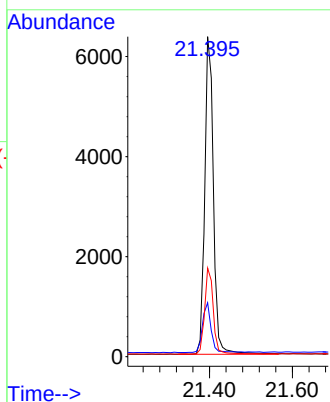
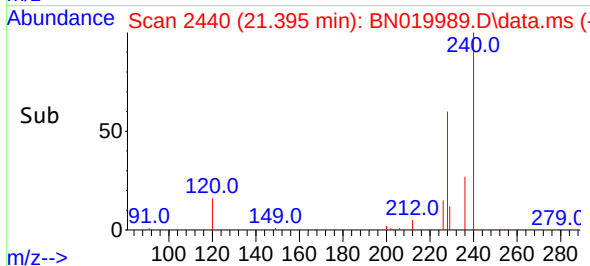


Tgt Ion:240 Resp: 927  
Ion Ratio Lower Upper  
240 100  
120 16.8 14.6 21.8  
236 27.7 22.6 33.8

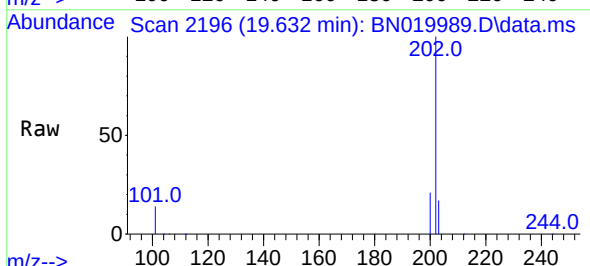
Manual Integrations

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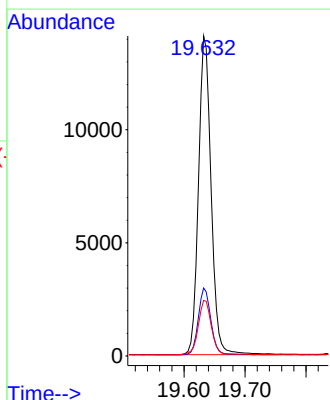
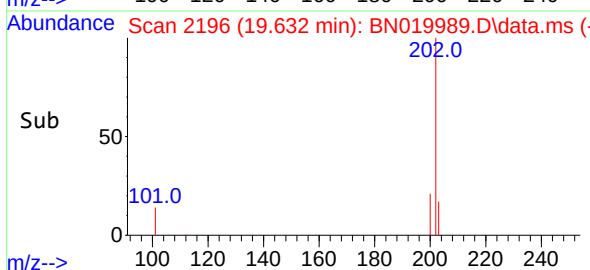
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

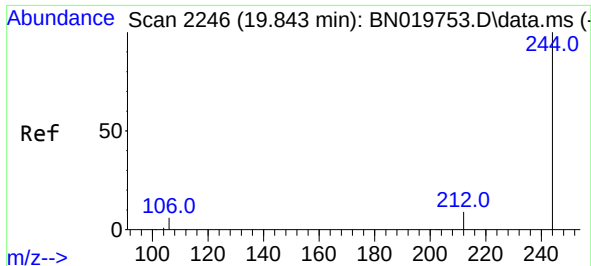


#30  
Pyrene  
Concen: 0.516 ng  
RT: 19.632 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:202 Resp: 20277  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.6 25.0  
203 17.7 14.2 21.2





#31  
Terphenyl-d14  
Concen: 0.515 ng  
RT: 19.839 min Scan# 211  
Delta R.T. -0.004 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

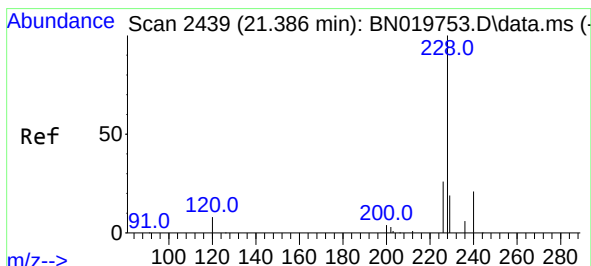
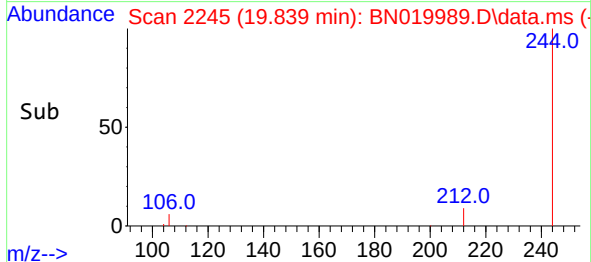
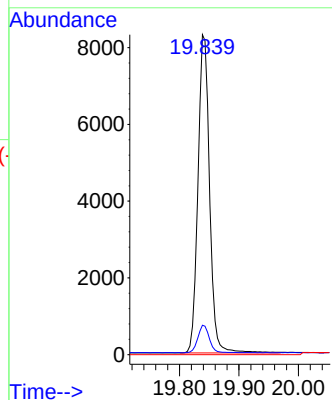
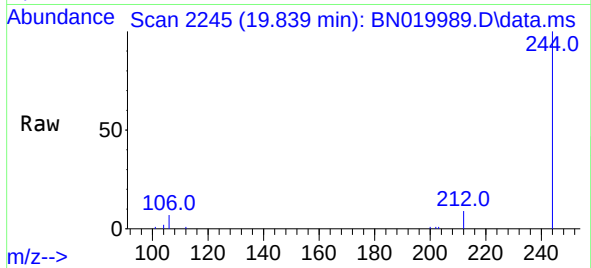
SSTDCCC0.4

Tgt Ion:244 Resp: 1125  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.1 10.7  
122 0.0 0.0 0.0

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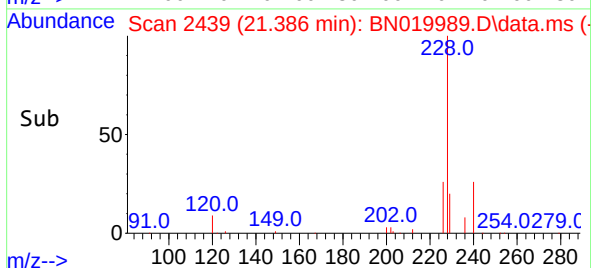
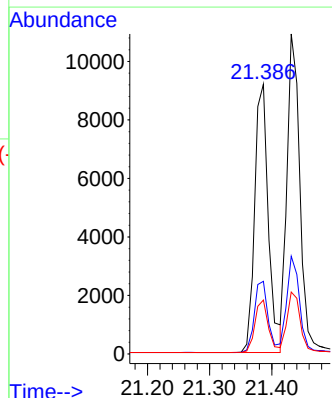
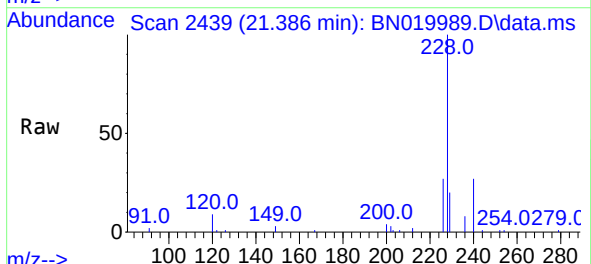
APPROVED

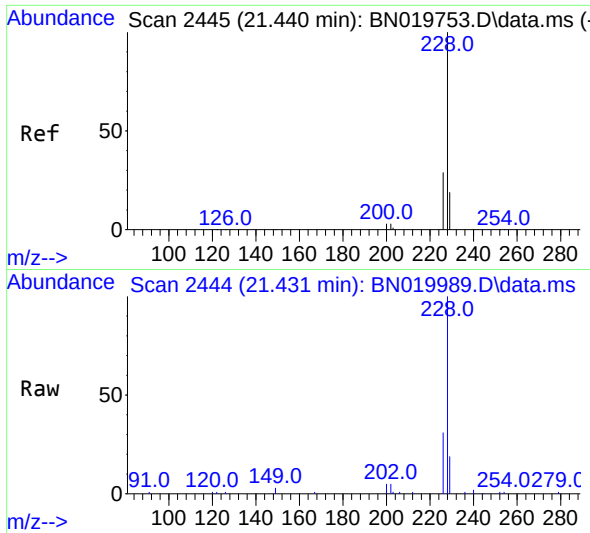
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#32  
Benzo(a)anthracene  
Concen: 0.418 ng  
RT: 21.386 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Tgt Ion:228 Resp: 14131  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.2 31.8  
229 20.0 15.6 23.4





#33

Chrysene

Concen: 0.410 ng

RT: 21.431 min Scan# 2445

Delta R.T. -0.009 min

Lab File: BN019989.D

Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

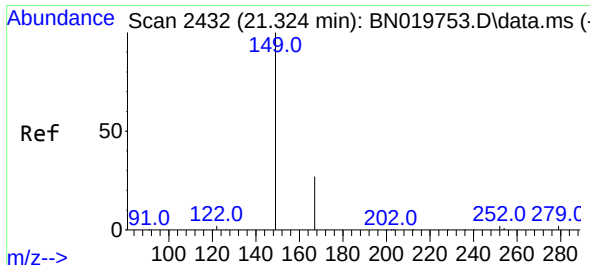
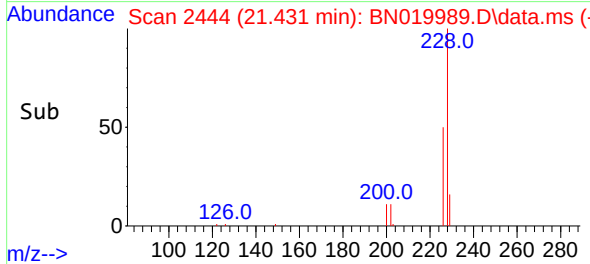
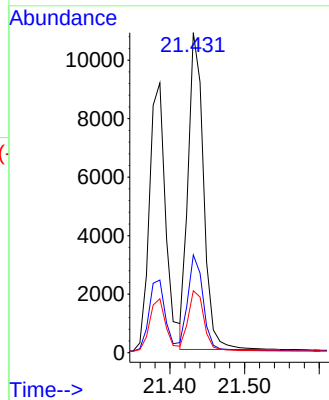
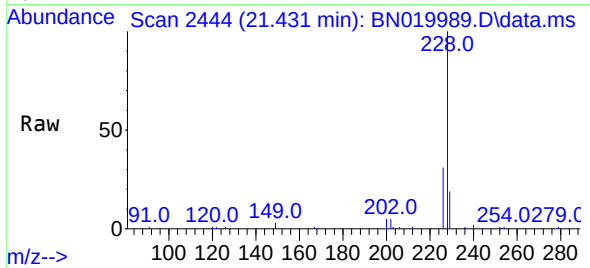
SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 15549 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 30.6  | 23.4  | 35.0  |
| 229       | 19.3  | 15.7  | 23.5  |

Manual Integrations

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Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.488 ng

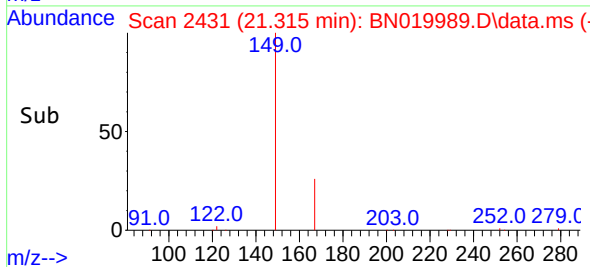
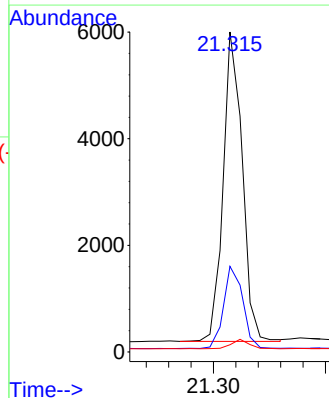
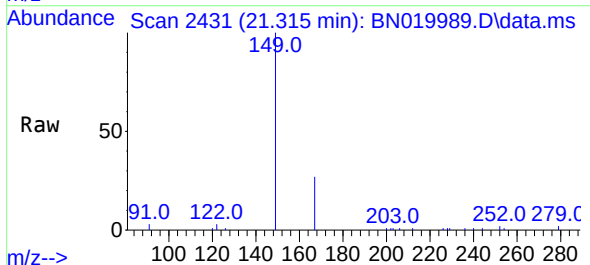
RT: 21.315 min Scan# 2431

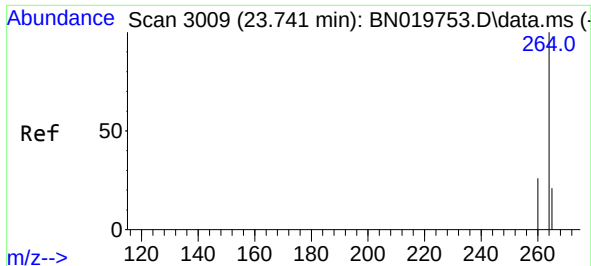
Delta R.T. -0.009 min

Lab File: BN019989.D

Acq: 27 May 2022 16:06

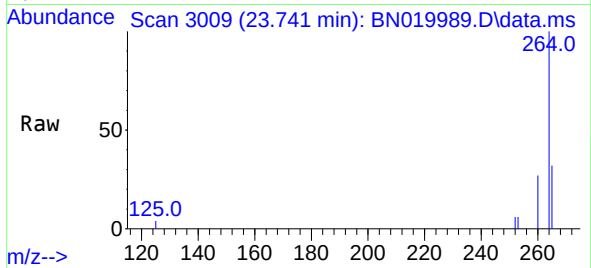
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 6863 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 27.0  | 21.7  | 32.5 |
| 279       | 2.8   | 2.2   | 3.2  |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.741 min Scan# 3009  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

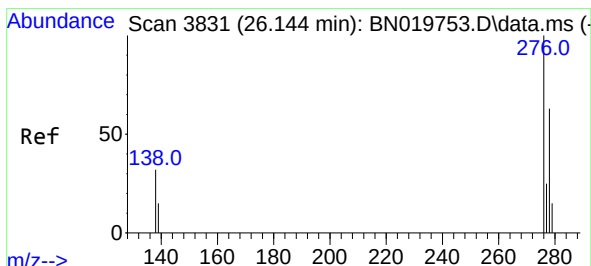
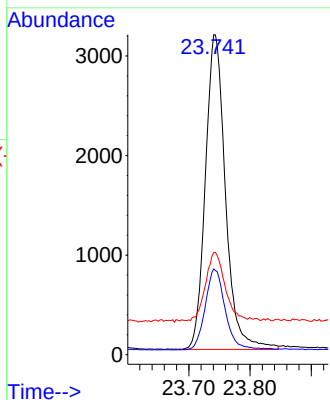
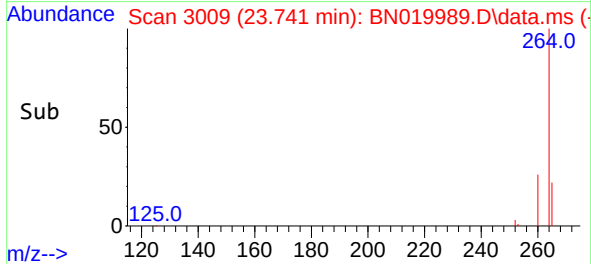
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



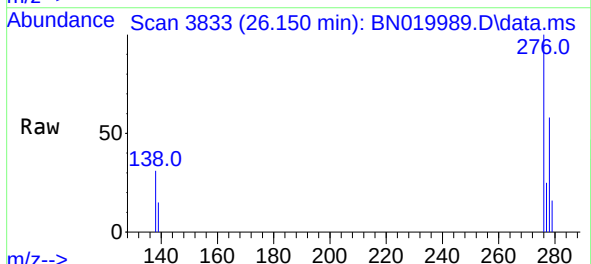
Tgt Ion:264 Resp: 7214  
Ion Ratio Lower Upper  
264 100  
260 26.8 20.9 31.3  
265 32.0 28.0 42.0

Manual Integrations  
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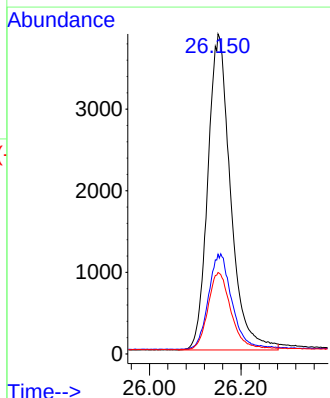
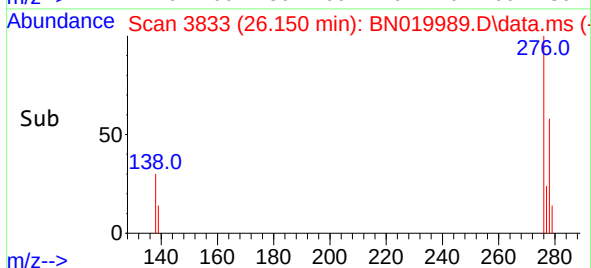
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

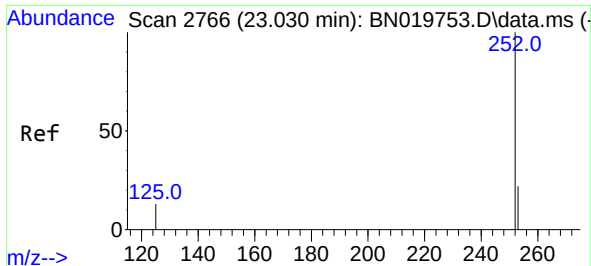


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.396 ng  
RT: 26.150 min Scan# 3833  
Delta R.T. 0.006 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:276 Resp: 13378  
Ion Ratio Lower Upper  
276 100  
138 31.3 25.9 38.9  
277 24.7 19.8 29.8





#37  
Benzo(b)fluoranthene  
Concen: 0.409 ng  
RT: 23.033 min Scan# 2766  
Delta R.T. 0.003 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

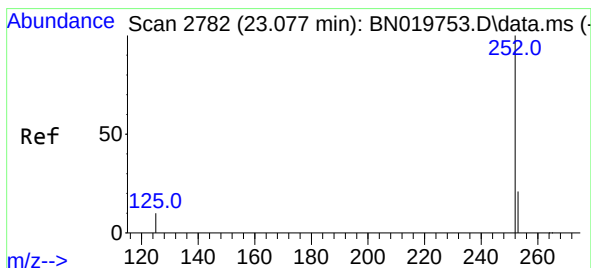
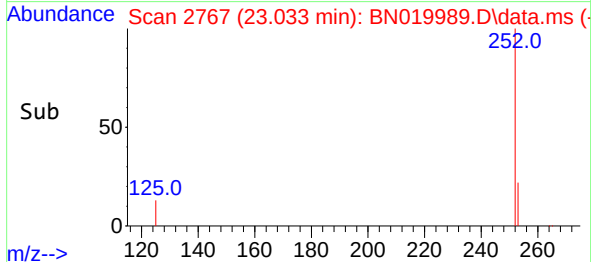
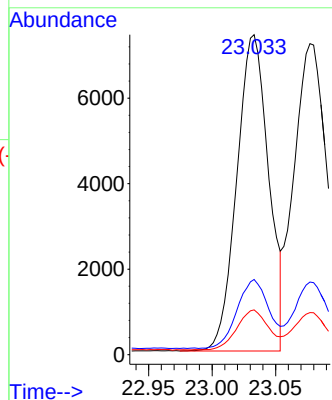
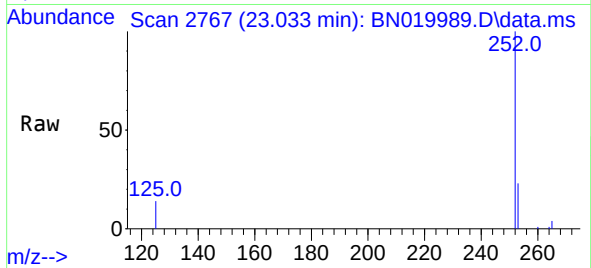
SSTDCCC0.4

Tgt Ion:252 Resp: 1289  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.5 27.7  
125 14.0 11.4 17.0

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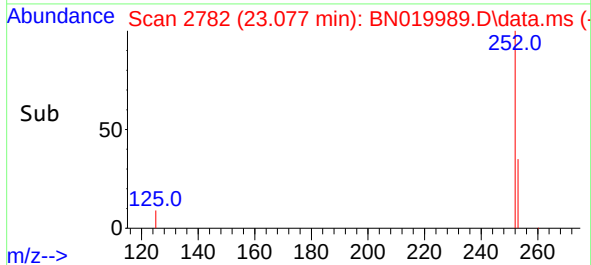
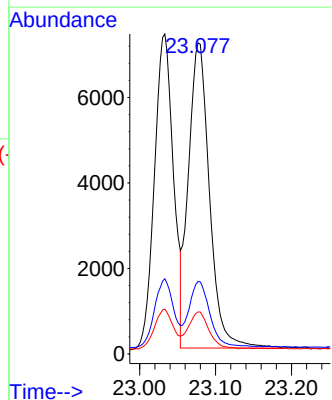
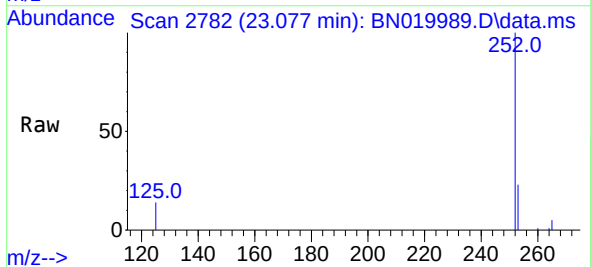
APPROVED

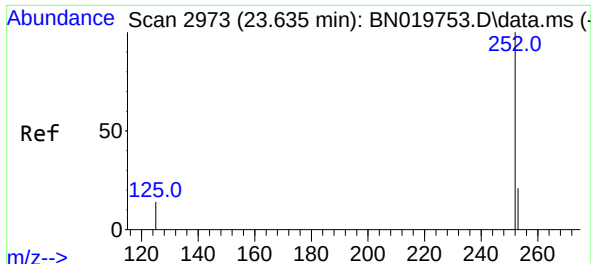
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022



#38  
Benzo(k)fluoranthene  
Concen: 0.412 ng m  
RT: 23.077 min Scan# 2782  
Delta R.T. -0.000 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Tgt Ion:252 Resp: 13784  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.0 27.0  
125 13.5 11.0 16.4





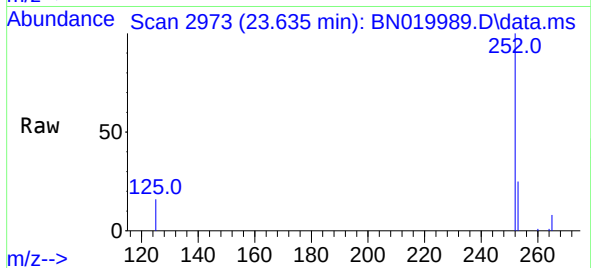
#39  
Benzo(a)pyrene  
Concen: 0.407 ng  
RT: 23.635 min Scan# 2973  
Delta R.T. -0.003 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

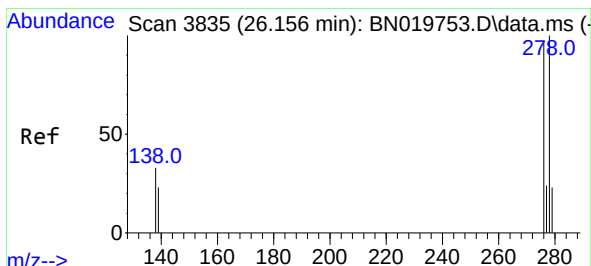
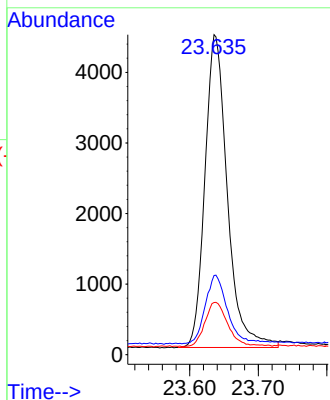
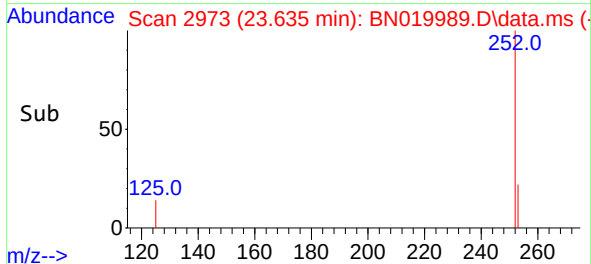
SSTDCCC0.4



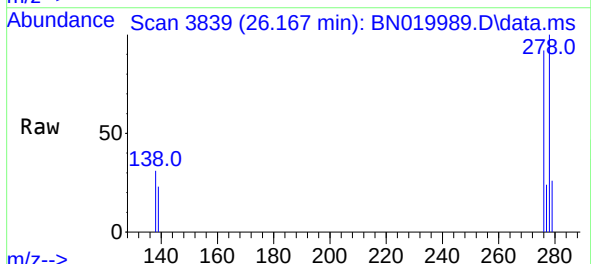
Tgt Ion:252 Resp: 1008  
Ion Ratio Lower Upper  
252 100  
253 24.8 19.0 28.4  
125 16.3 13.8 20.8

Manual Integrations  
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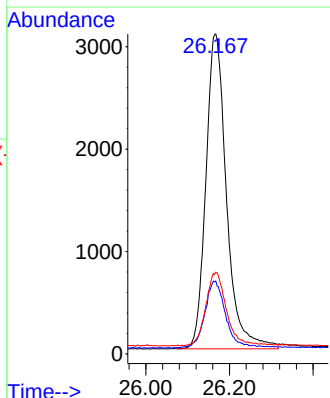
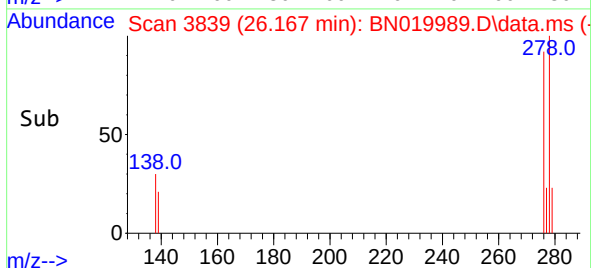
Reviewed By :Christian Giraldo 05/28/2022  
Supervised By :Jagrut Upadhyay 05/31/2022

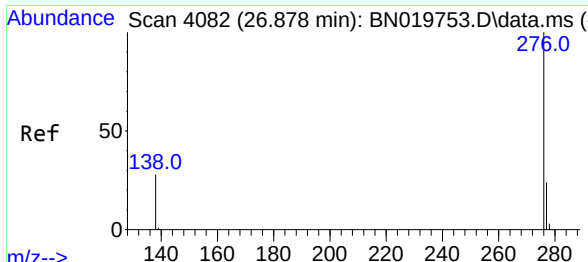


#40  
Dibenzo(a,h)anthracene  
Concen: 0.388 ng  
RT: 26.167 min Scan# 3839  
Delta R.T. 0.006 min  
Lab File: BN019989.D  
Acq: 27 May 2022 16:06



Tgt Ion:278 Resp: 10556  
Ion Ratio Lower Upper  
278 100  
139 22.8 18.6 28.0  
279 25.5 19.7 29.5





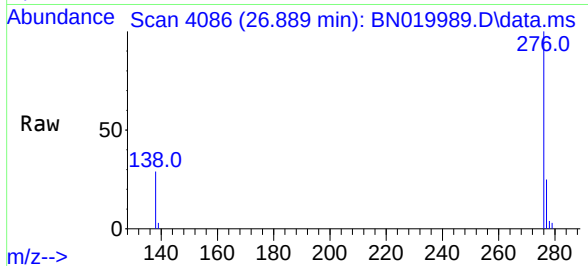
#41  
 Benzo(g,h,i)perylene  
 Concen: 0.419 ng  
 RT: 26.889 min Scan# 4086  
 Delta R.T. 0.012 min  
 Lab File: BN019989.D  
 Acq: 27 May 2022 16:06

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion:276 Resp: 11724  
 Ion Ratio Lower Upper  
 276 100  
 277 24.6 19.5 29.3  
 138 28.8 22.6 34.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/28/2022  
 Supervised By :Jagrut Upadhyay 05/31/2022

