

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082924\  
 Data File : BN033677.D  
 Acq On : 29 Aug 2024 19:45  
 Operator : MA/JU  
 Sample : SSTDICC5.0  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024  
 Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 29 23:25:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 23:20:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.530  | 152  | 5921     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.293 | 136  | 14709    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.167 | 164  | 7002     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.917 | 188  | 13601    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.121 | 240  | 11201    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.282 | 264  | 11292    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.169  | 112  | 84608    | 4.496 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.722  | 99   | 103969   | 4.644 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.659  | 82   | 62085    | 5.090 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.884 | 152  | 104495   | 4.966 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.663 | 330  | 18641    | 4.952 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.777 | 172  | 145128   | 5.074 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.956 | 212  | 172261   | 5.269 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.569 | 244  | 117029   | 4.597 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.175  | 88   | 31490    | 4.622 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.457  | 42   | 38688    | 4.883 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 6.967  | 93   | 76446    | 4.816 | ng    | 100      |
| 9) Naphthalene                | 10.336 | 128  | 194289   | 4.943 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.635 | 225  | 39436    | 5.030 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.960 | 142  | 121558   | 4.886 | ng    | 98       |
| 16) Acenaphthylene            | 13.879 | 152  | 161908   | 5.272 | ng    | 100      |
| 17) Acenaphthene              | 14.231 | 154  | 106054   | 4.910 | ng    | 98       |
| 18) Fluorene                  | 15.226 | 166  | 132733   | 4.875 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.300 | 198  | 12809    | 6.031 | ng    | # 60     |
| 21) 4-Bromophenyl-phenylether | 16.122 | 248  | 40395    | 4.890 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.222 | 284  | 44785    | 4.911 | ng    | 99       |
| 23) Atrazine                  | 16.396 | 200  | 33204    | 5.035 | ng    | 99       |
| 24) Pentachlorophenol         | 16.569 | 266  | 21479    | 5.435 | ng    | 98       |
| 25) Phenanthrene              | 16.954 | 178  | 190525   | 5.035 | ng    | 100      |
| 26) Anthracene                | 17.041 | 178  | 175045   | 5.228 | ng    | 100      |
| 28) Fluoranthene              | 18.989 | 202  | 220041   | 5.262 | ng    | 100      |
| 30) Pyrene                    | 19.351 | 202  | 224678   | 4.494 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.103 | 228  | 201028   | 4.964 | ng    | 99       |
| 33) Chrysene                  | 21.157 | 228  | 198885   | 4.941 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.068 | 149  | 110164m  | 4.297 | ng    |          |
| 36) Indeno(1,2,3-cd)pyrene    | 25.422 | 276  | 242688   | 5.177 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.642 | 252  | 206618   | 4.900 | ng    | # 88     |
| 38) Benzo(k)fluoranthene      | 22.683 | 252  | 208139   | 5.015 | ng    | # 87     |
| 39) Benzo(a)pyrene            | 23.189 | 252  | 179174   | 5.135 | ng    | # 83     |
| 40) Dibenzo(a,h)anthracene    | 25.440 | 278  | 194015   | 5.176 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.071 | 276  | 207672   | 5.181 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

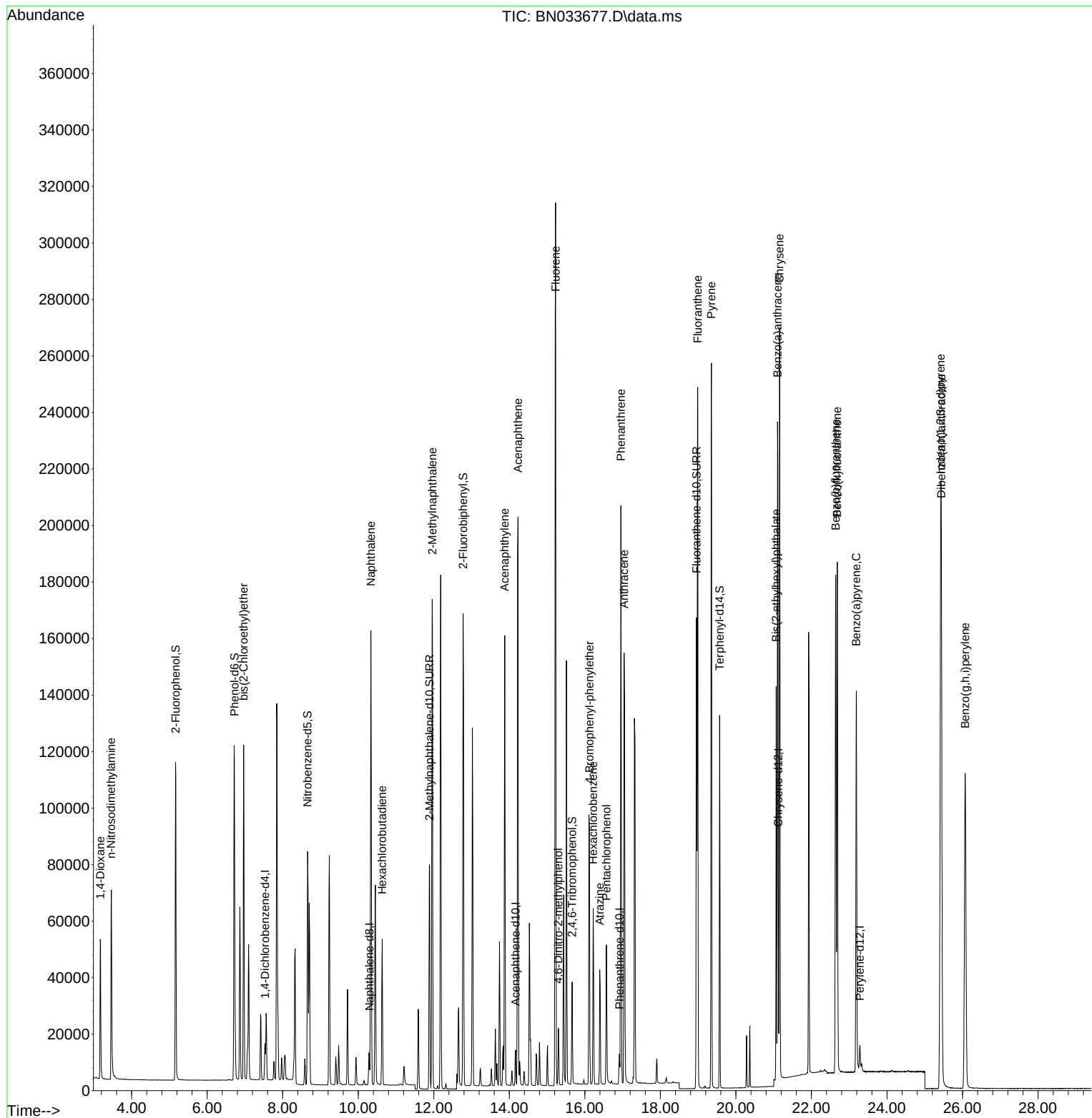
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082924\  
Data File : BN033677.D  
Acq On : 29 Aug 2024 19:45  
Operator : MA/JU  
Sample : SSTDICC5.0  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

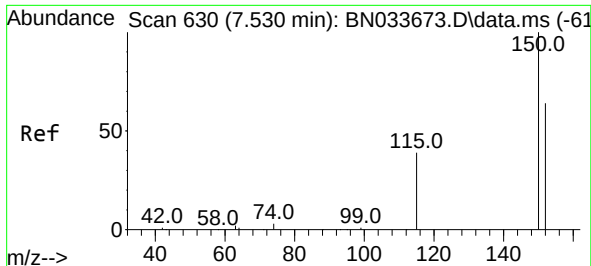
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Quant Time: Aug 29 23:25:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 29 23:20:50 2024  
Response via : Initial Calibration

Manual Integrations  
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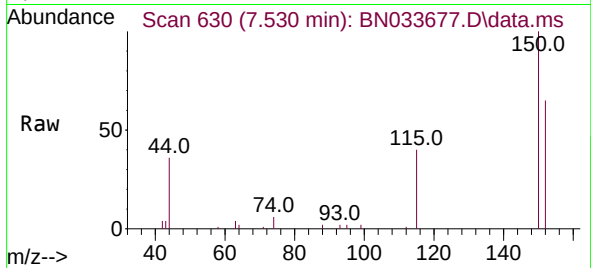
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.530 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

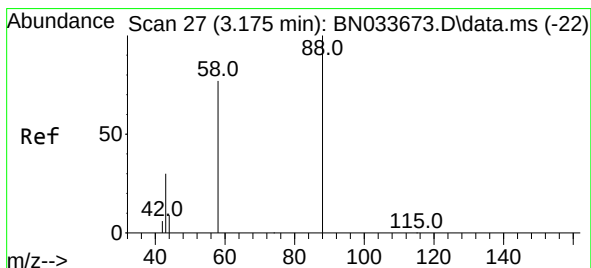
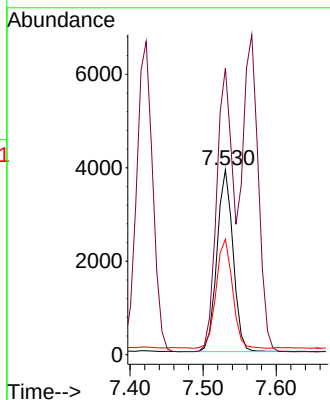
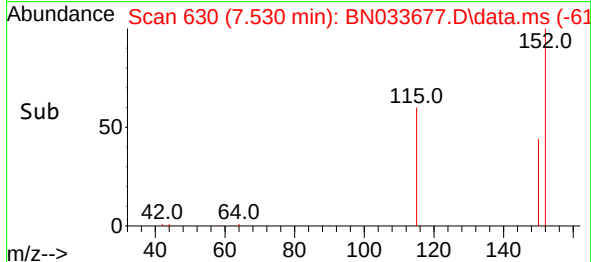
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0



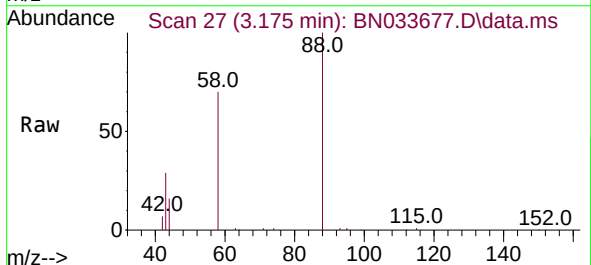
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 Ion Ratio Lower Upper  
 152 100  
 150 154.9 123.4 185.0  
 115 62.4 51.3 76.9

Manual Integrations  
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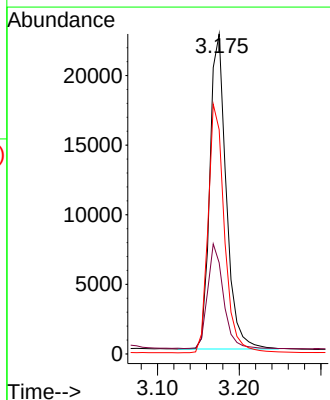
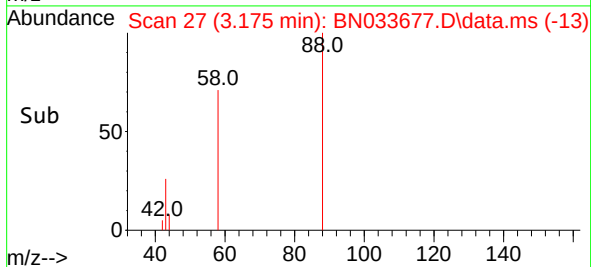
Reviewed By :Jagrut Upadhyay 08/30/2024  
 Supervised By :mohammad ahmed 09/02/2024

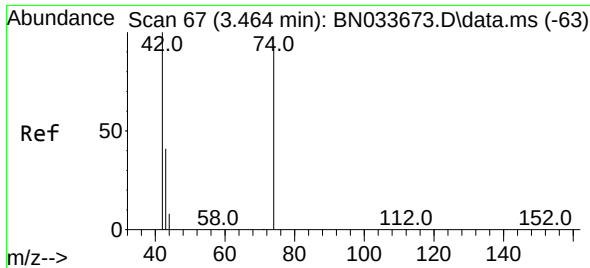


#2  
 1,4-Dioxane  
 Concen: 4.622 ng  
 RT: 3.175 min Scan# 27  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45



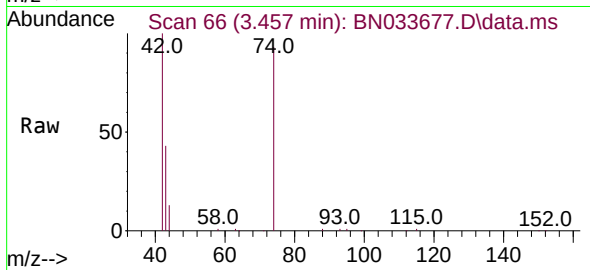
Tgt Ion: 88 Resp: 31490  
 Ion Ratio Lower Upper  
 88 100  
 43 32.1 26.8 40.2  
 58 79.0 63.4 95.0





#3  
n-Nitrosodimethylamine  
Concen: 4.883 ng  
RT: 3.457 min Scan# 60  
Delta R.T. -0.007 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

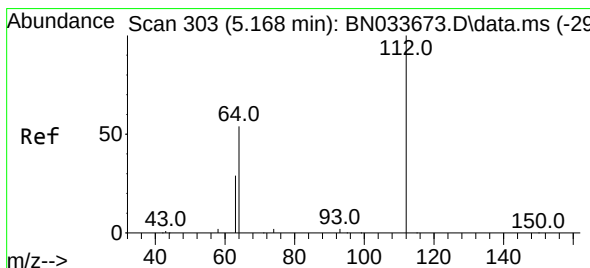
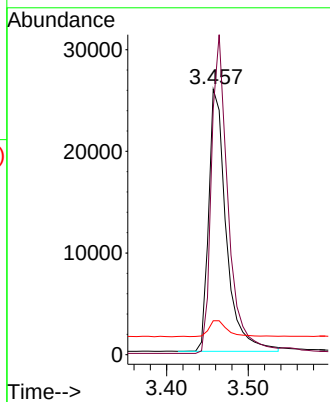
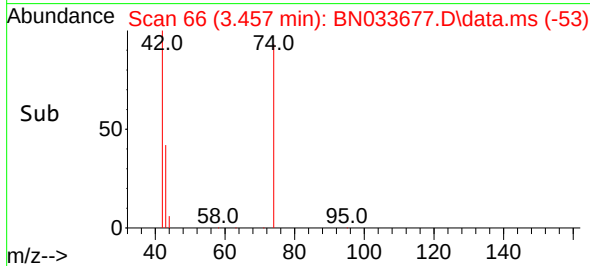
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion: 42 Resp: 3868  
Ion Ratio Lower Upper  
42 100  
74 116.4 91.8 137.6  
44 6.5 6.2 9.4

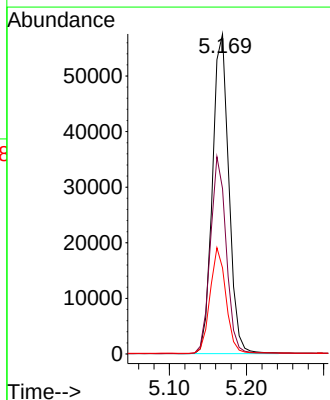
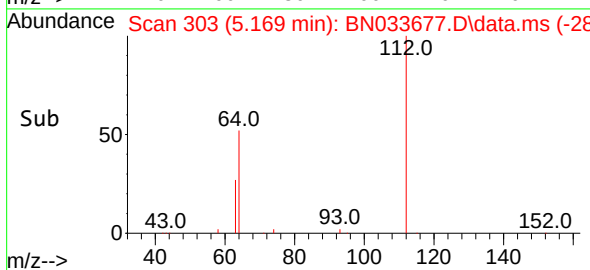
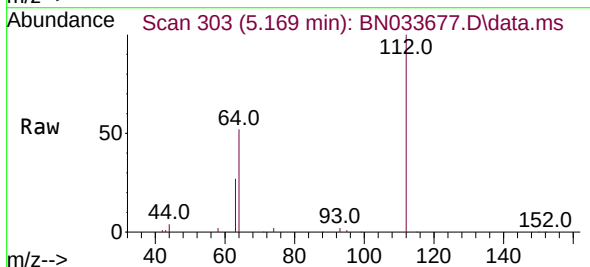
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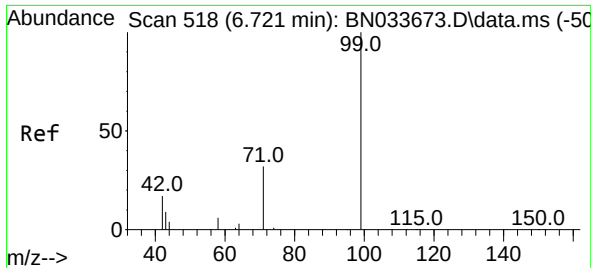
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024



#4  
2-Fluorophenol  
Concen: 4.496 ng  
RT: 5.169 min Scan# 303  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

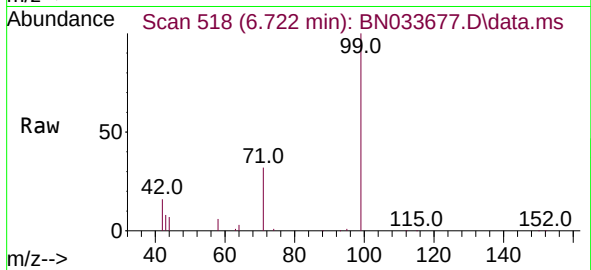
Tgt Ion:112 Resp: 84608  
Ion Ratio Lower Upper  
112 100  
64 59.7 48.6 72.8  
63 31.9 26.6 39.8





#5  
Phenol-d6  
Concen: 4.644 ng  
RT: 6.722 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

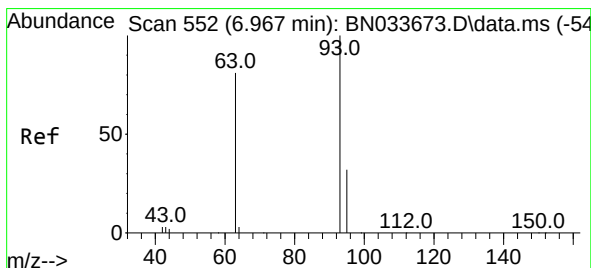
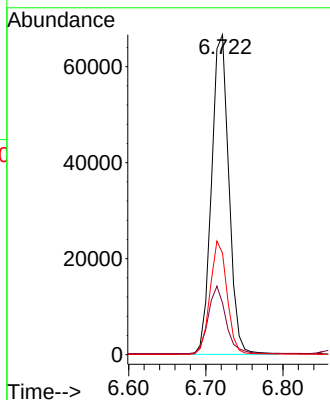
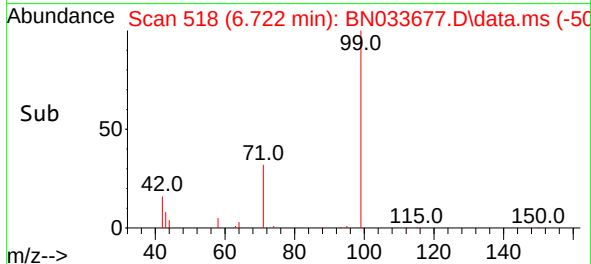
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion: 99 Resp: 103969  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.8 26.8  
71 34.7 28.0 42.0

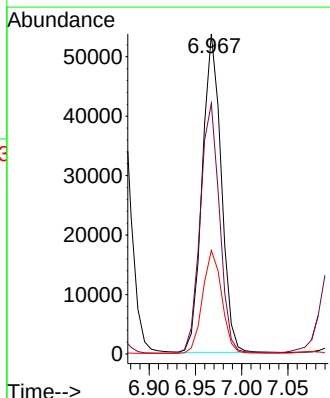
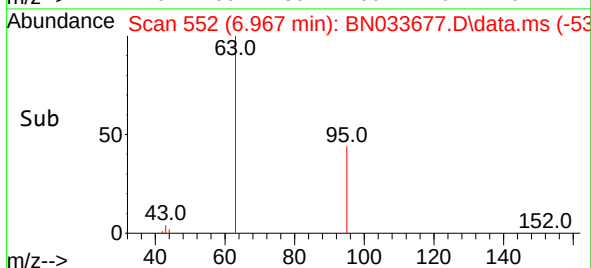
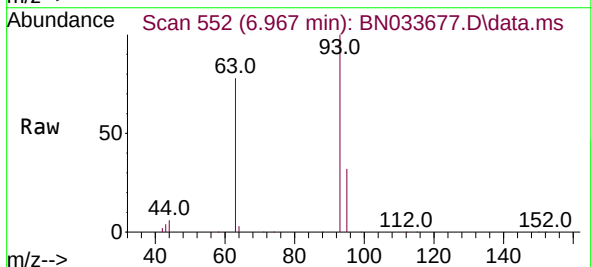
Manual Integrations  
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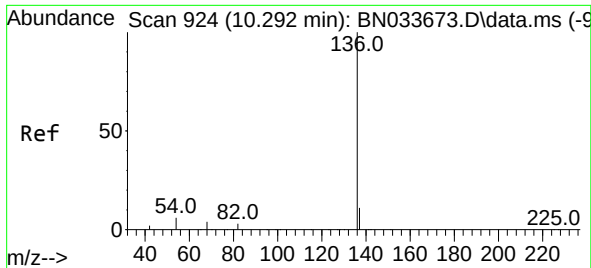
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 4.816 ng  
RT: 6.967 min Scan# 552  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Tgt Ion: 93 Resp: 76446  
Ion Ratio Lower Upper  
93 100  
63 79.9 63.9 95.9  
95 32.7 26.4 39.6





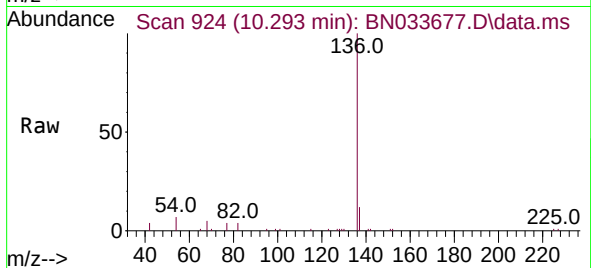
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.293 min Scan# 924  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

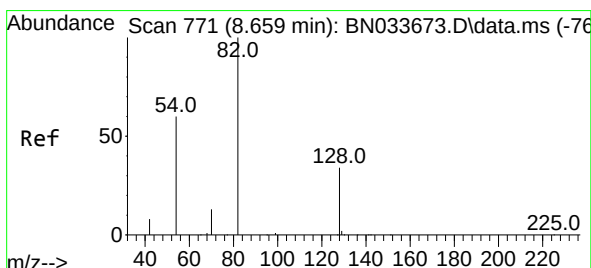
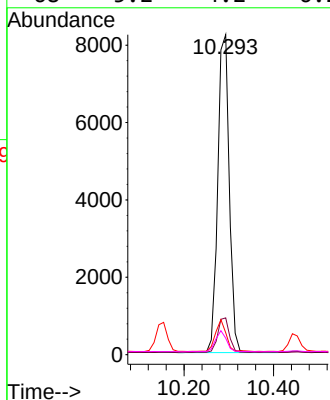
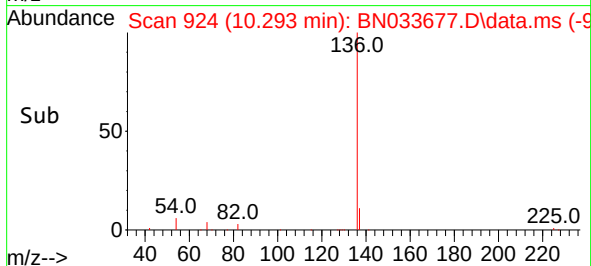


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.5  | 9.1   | 13.7  |
| 54      | 6.9   | 5.8   | 8.6   |
| 68      | 5.2   | 4.2   | 6.2   |

Manual Integrations

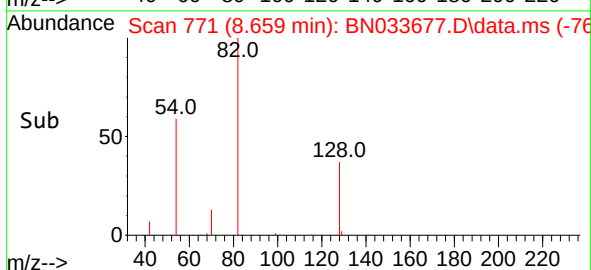
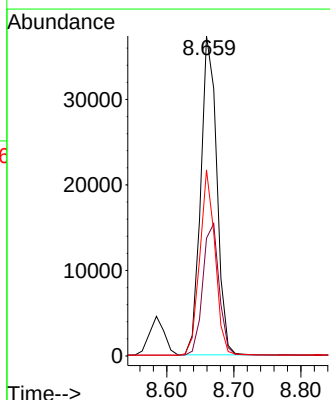
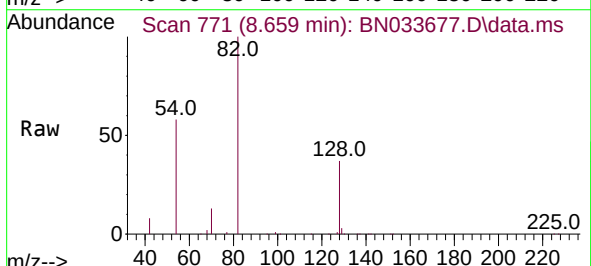
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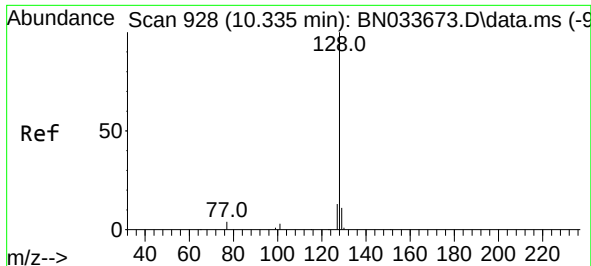
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024



#8  
Nitrobenzene-d5  
Concen: 5.090 ng  
RT: 8.659 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

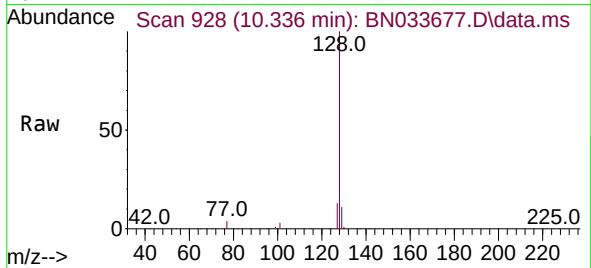
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.8  | 29.3  | 43.9  |
| 54      | 58.1  | 49.4  | 74.0  |





#9  
Naphthalene  
Concen: 4.943 ng  
RT: 10.336 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

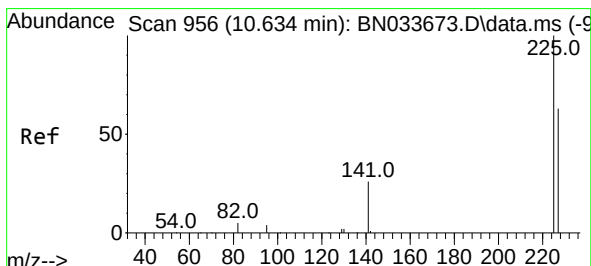
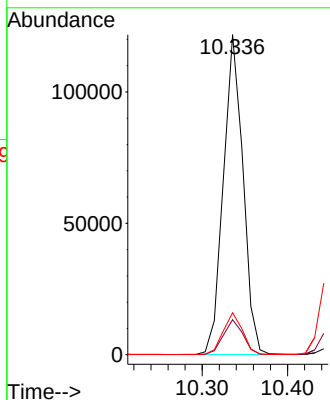
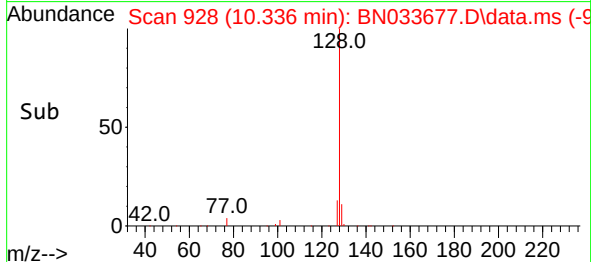
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:128 Resp: 194289  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.4 14.0  
127 13.1 11.0 16.4

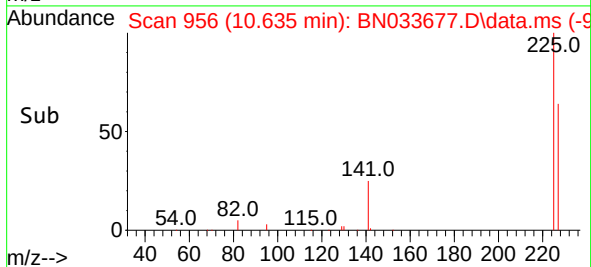
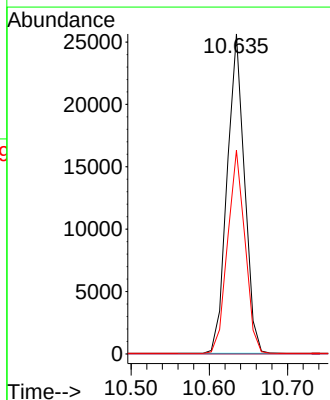
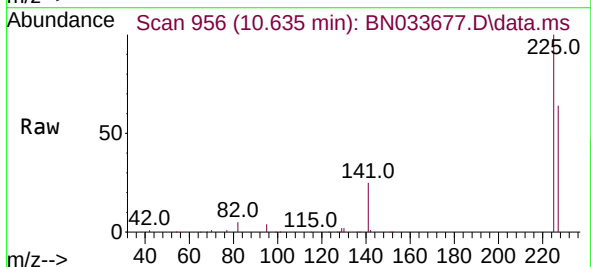
Manual Integrations  
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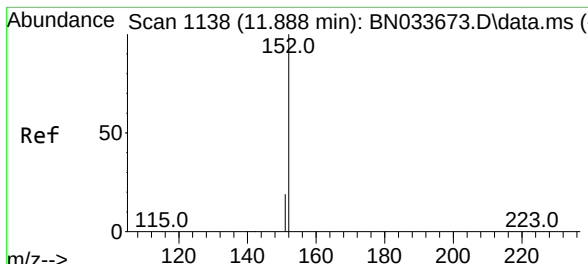
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024



#10  
Hexachlorobutadiene  
Concen: 5.030 ng  
RT: 10.635 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Tgt Ion:225 Resp: 39436  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 51.4 77.0





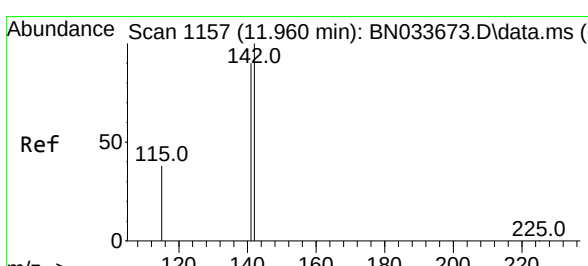
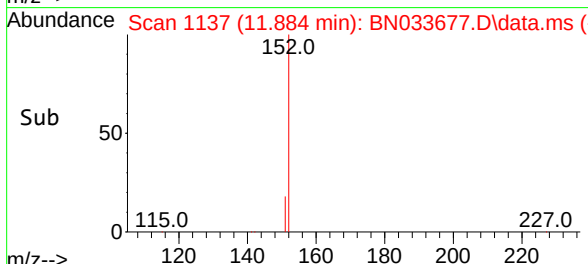
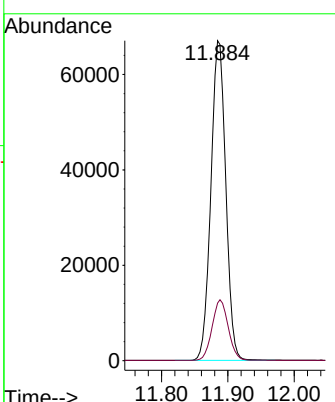
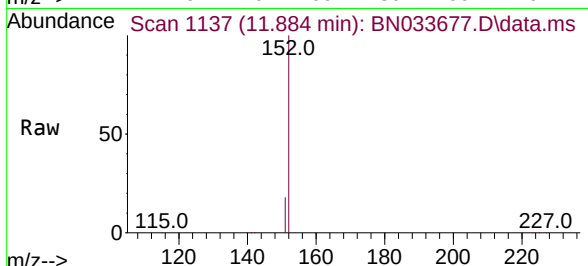
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 2-Methylnaphthalene-d10  
 Concen: 4.966 ng  
 RT: 11.884 min Scan# 1137  
 Delta R.T. -0.003 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Instrument : BNA\_N  
 ClientSampleId : SSTDICC5.0

Tgt Ion:152 Resp: 10449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.6  | 16.7  | 25.1  |

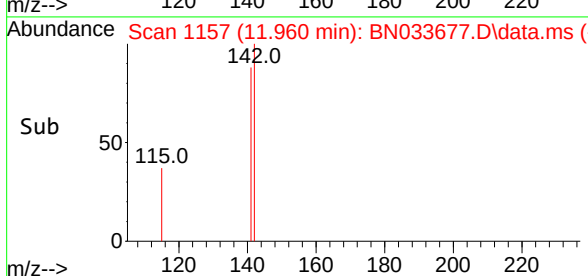
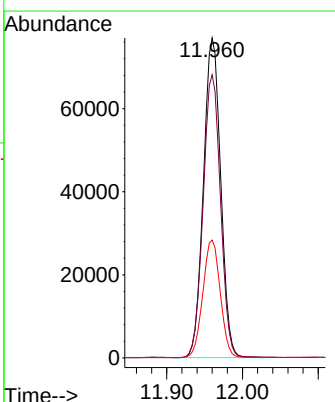
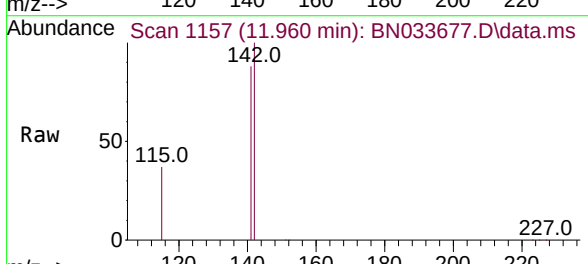
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 08/30/2024  
 Supervised By :mohammad ahmed 09/02/2024



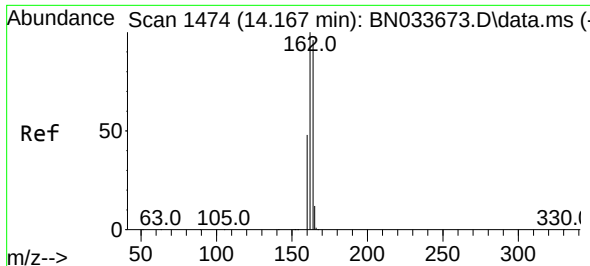
#12  
 2-Methylnaphthalene  
 Concen: 4.886 ng  
 RT: 11.960 min Scan# 1157  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Tgt Ion:142 Resp: 121558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 88.5  | 71.8  | 107.8 |
| 115 | 36.8  | 31.4  | 47.0  |

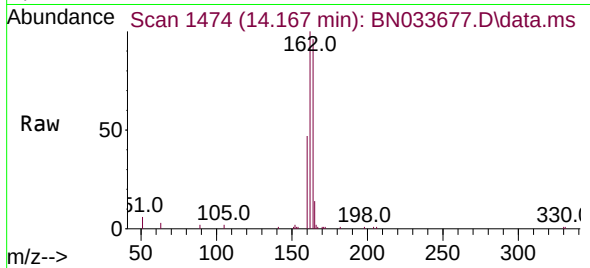






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.167 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

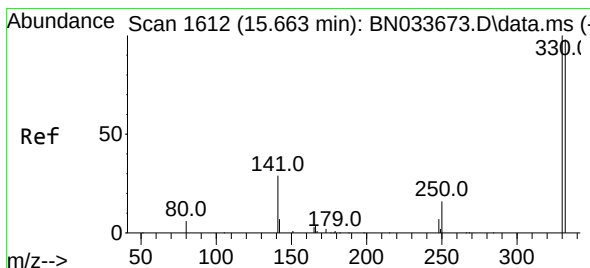
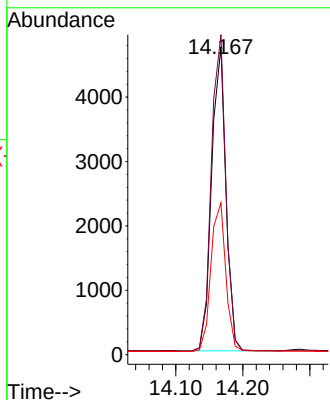
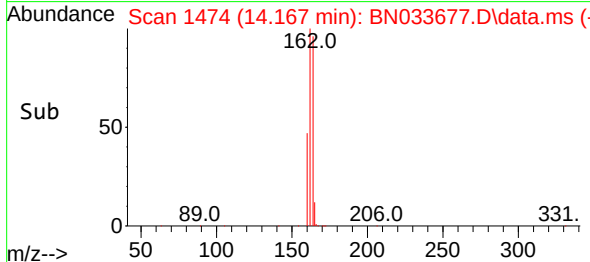
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



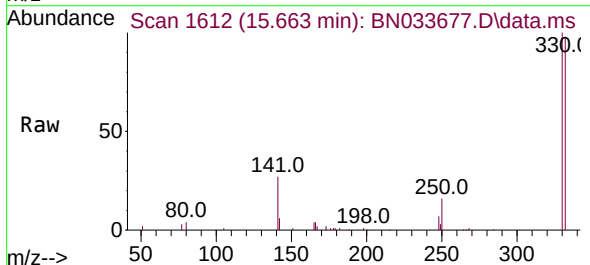
Tgt Ion:164 Resp: 7002  
Ion Ratio Lower Upper  
164 100  
162 103.9 83.4 125.2  
160 49.3 40.2 60.2

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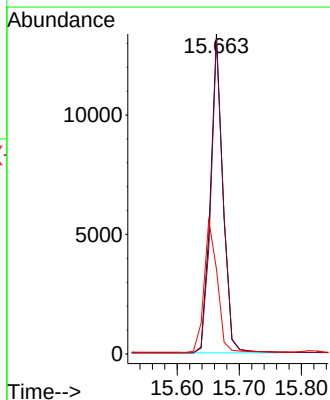
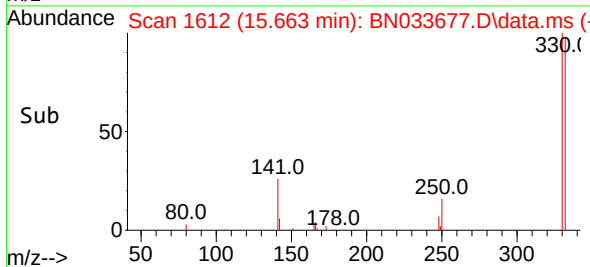
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024

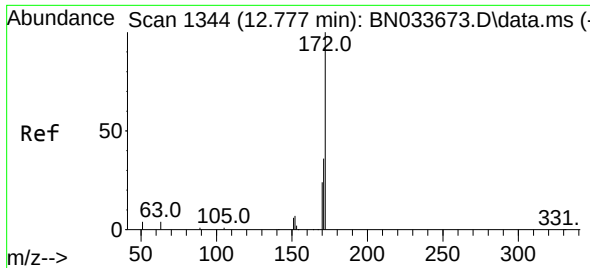


#14  
2,4,6-Tribromophenol  
Concen: 4.952 ng  
RT: 15.663 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



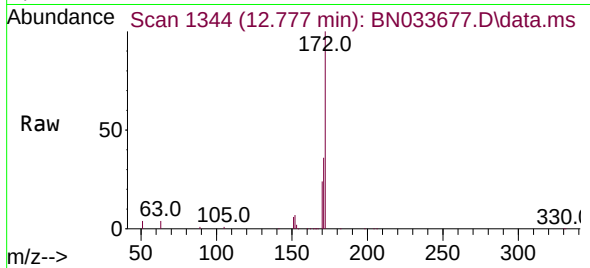
Tgt Ion:330 Resp: 18641  
Ion Ratio Lower Upper  
330 100  
332 97.3 78.6 118.0  
141 43.7 35.0 52.6





#15  
2-Fluorobiphenyl  
Concen: 5.074 ng  
RT: 12.777 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

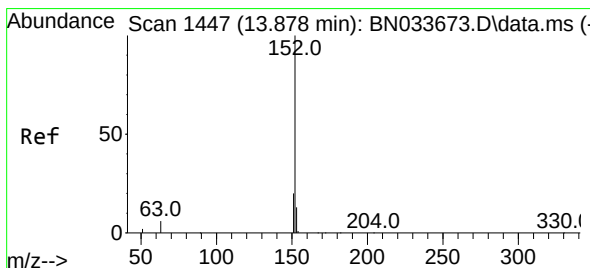
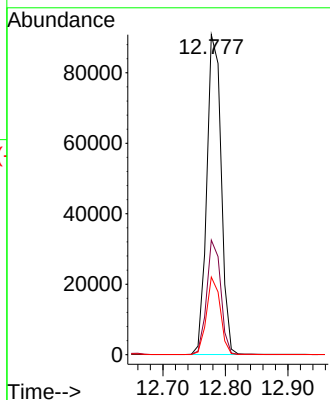
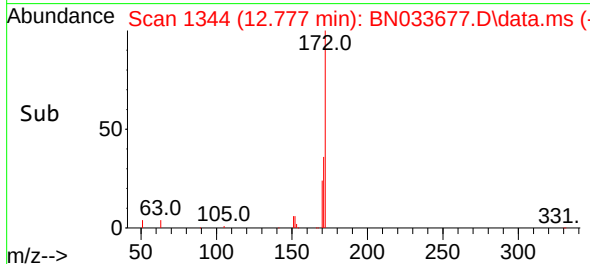
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



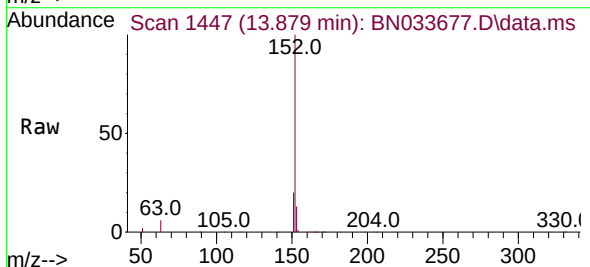
Tgt Ion:172 Resp: 145128  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.2 43.8  
170 24.2 19.7 29.5

Manual Integrations  
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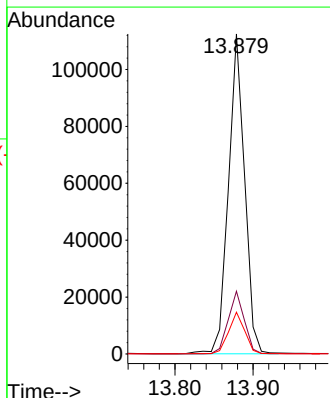
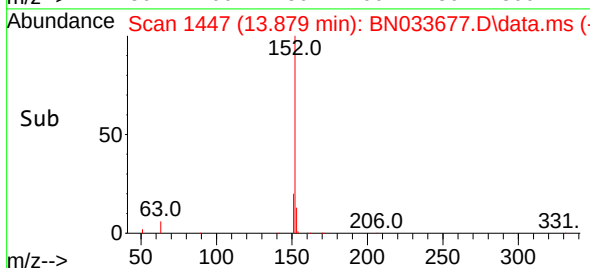
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024

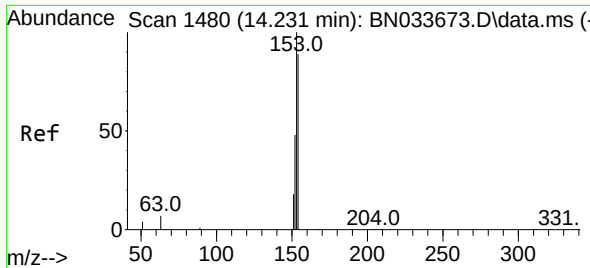


#16  
Acenaphthylene  
Concen: 5.272 ng  
RT: 13.879 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



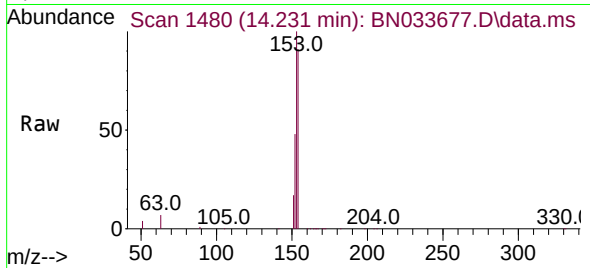
Tgt Ion:152 Resp: 161908  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.6 23.4  
153 13.0 10.3 15.5





#17  
Acenaphthene  
Concen: 4.910 ng  
RT: 14.231 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

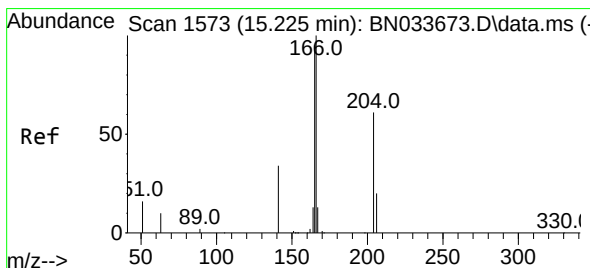
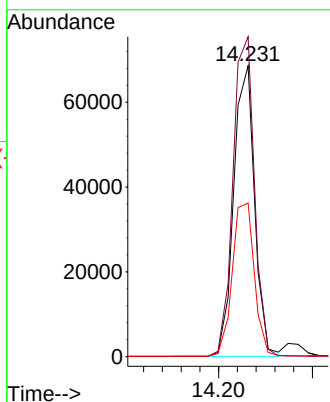
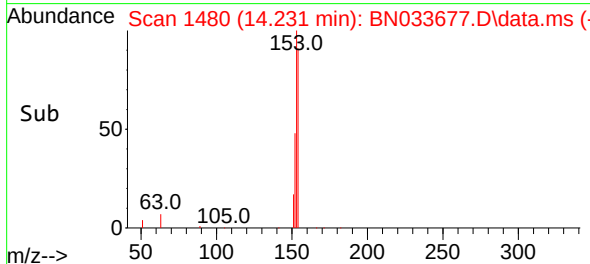
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



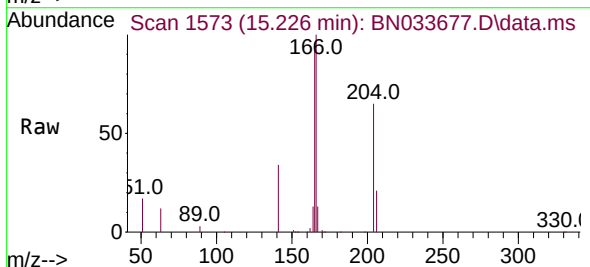
Tgt Ion:154 Resp: 106054  
Ion Ratio Lower Upper  
154 100  
153 113.0 91.8 137.8  
152 55.9 45.4 68.2

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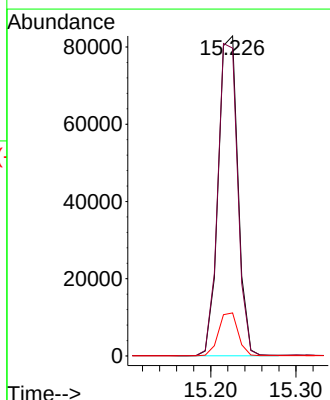
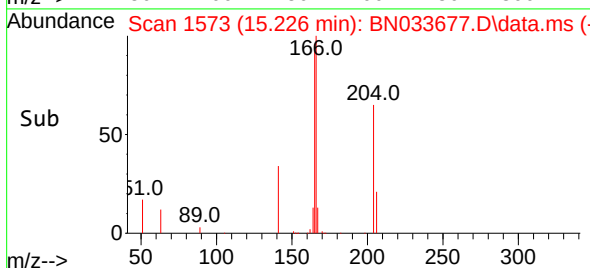
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024

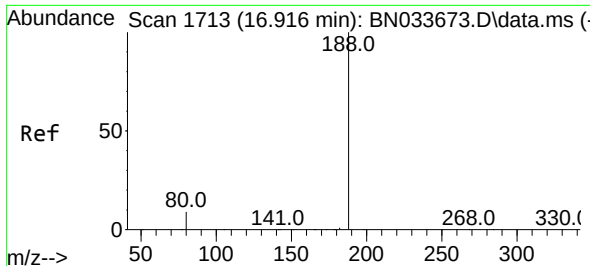


#18  
Fluorene  
Concen: 4.875 ng  
RT: 15.226 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



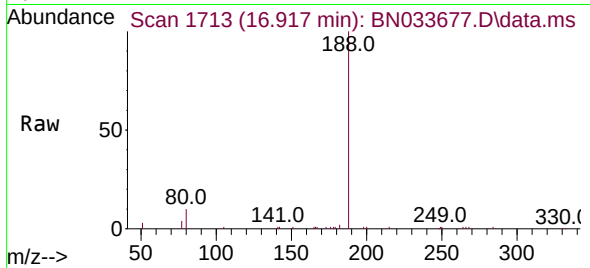
Tgt Ion:166 Resp: 132733  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.6 118.0  
167 13.3 10.7 16.1





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.917 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

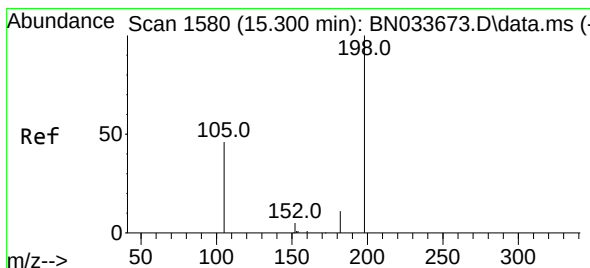
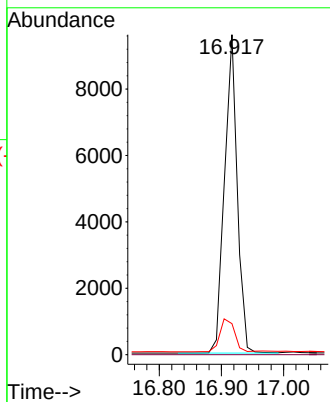
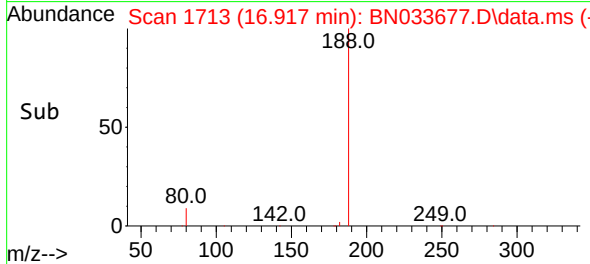
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



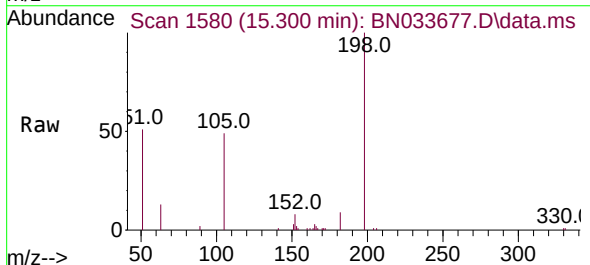
Tgt Ion:188 Resp: 1360  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.7 7.4 11.0

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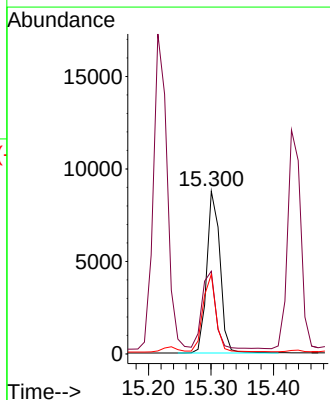
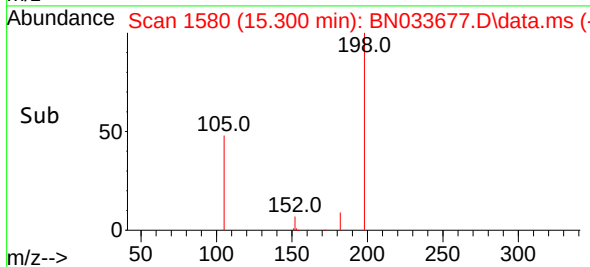
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024

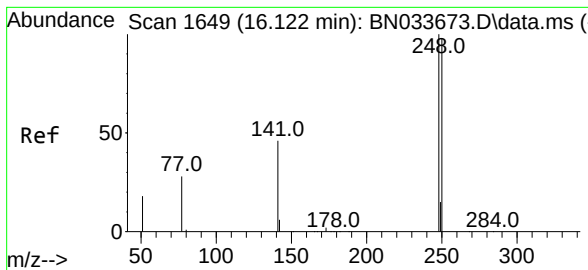


#20  
4,6-Dinitro-2-methylphenol  
Concen: 6.031 ng  
RT: 15.300 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



Tgt Ion:198 Resp: 12809  
Ion Ratio Lower Upper  
198 100  
51 50.8 82.9 124.3#  
105 48.9 53.4 80.0#





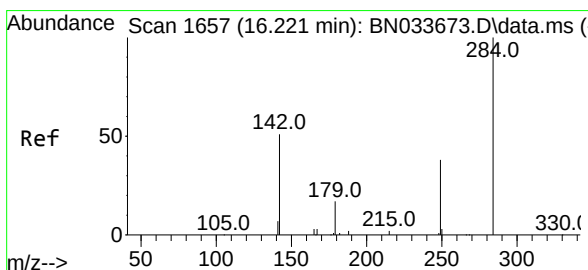
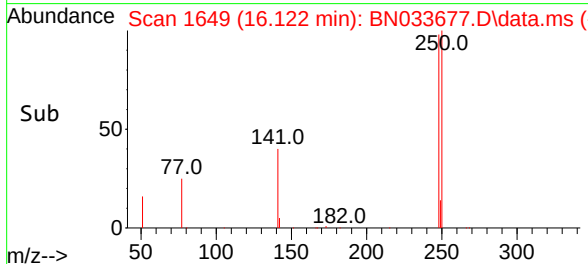
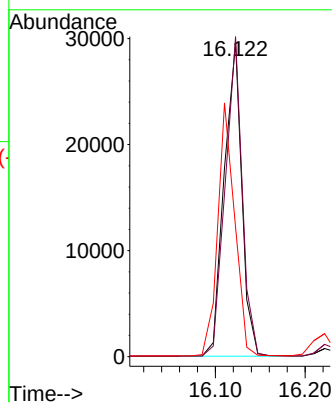
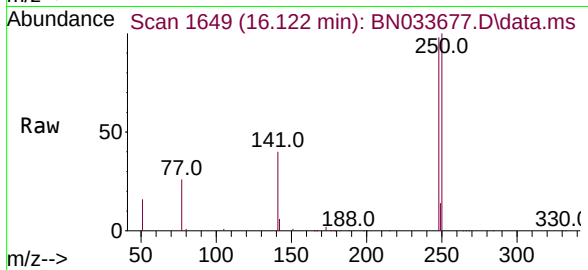
#21  
4-Bromophenyl-phenylether  
Concen: 4.890 ng  
RT: 16.122 min Scan# 1649  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:248 Resp: 40395  
Ion Ratio Lower Upper  
248 100  
250 102.0 79.0 118.4  
141 41.3 38.5 57.7

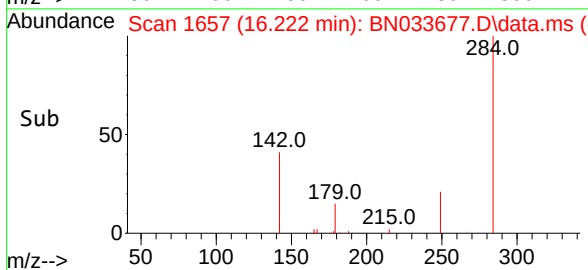
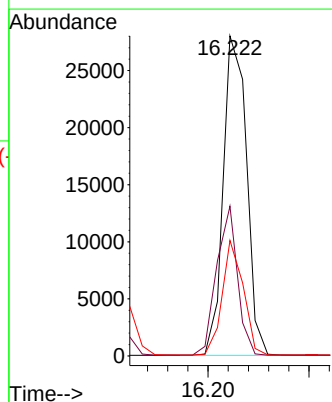
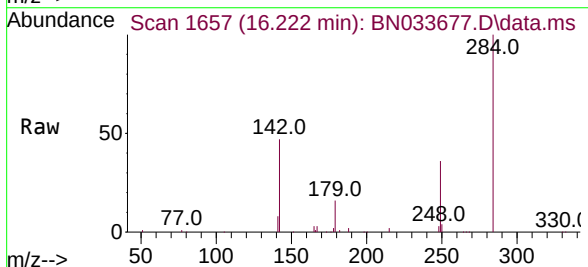
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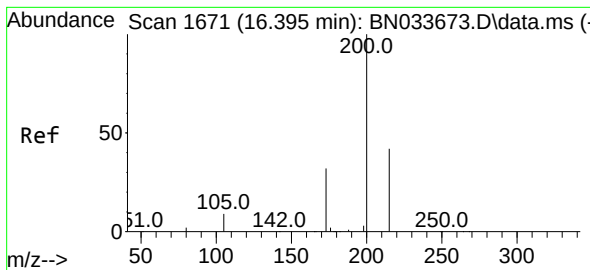
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024



#22  
Hexachlorobenzene  
Concen: 4.911 ng  
RT: 16.222 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Tgt Ion:284 Resp: 44785  
Ion Ratio Lower Upper  
284 100  
142 41.7 34.0 51.0  
249 32.3 26.2 39.2





#23

Atrazine

Concen: 5.035 ng

RT: 16.396 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BN033677.D

Acq: 29 Aug 2024 19:45

Instrument :

BNA\_N

ClientSampleId :

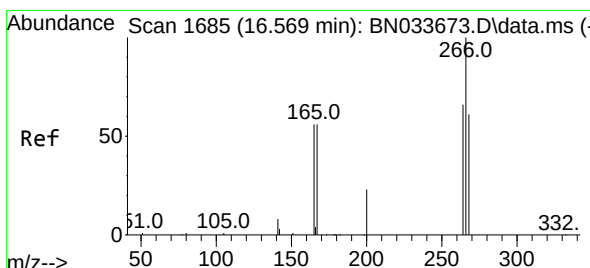
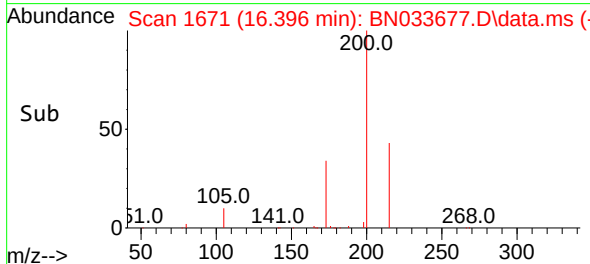
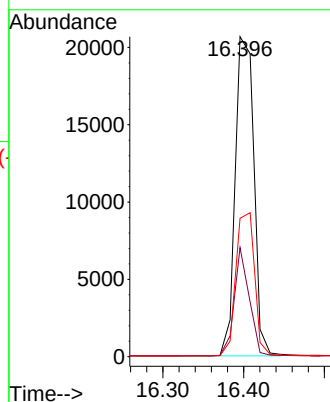
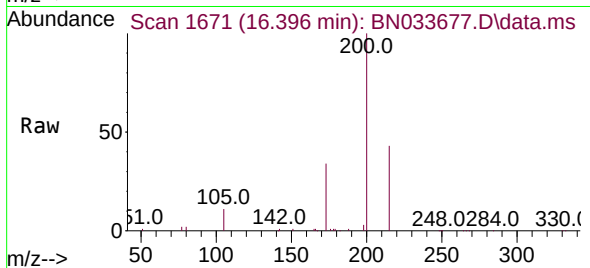
SSTDICC5.0

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 33204 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 34.1  | 27.0  | 40.4  |
| 215       | 43.3  | 35.5  | 53.3  |

Manual Integrations

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#24

Pentachlorophenol

Concen: 5.435 ng

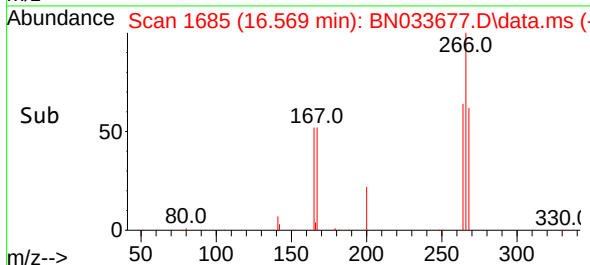
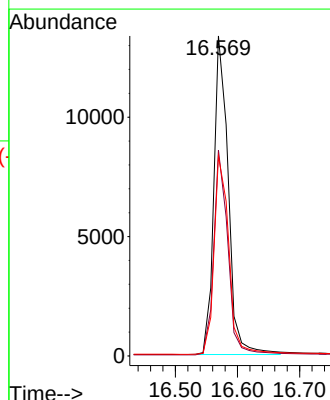
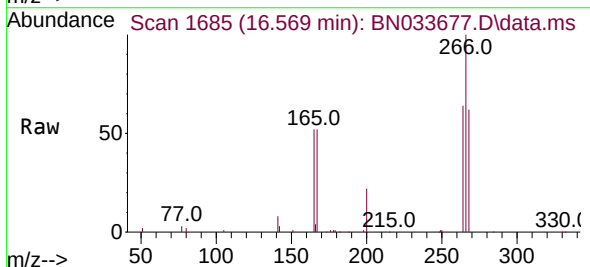
RT: 16.569 min Scan# 1685

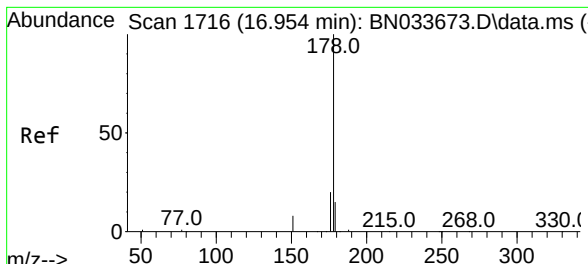
Delta R.T. 0.000 min

Lab File: BN033677.D

Acq: 29 Aug 2024 19:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 21479 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 62.8  | 51.4  | 77.2  |
| 268       | 63.9  | 51.9  | 77.9  |





#25  
 Phenanthrene  
 Concen: 5.035 ng  
 RT: 16.954 min Scan# 1716  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

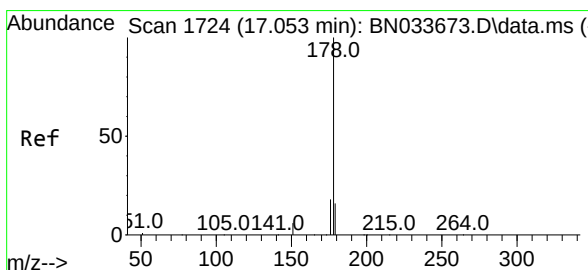
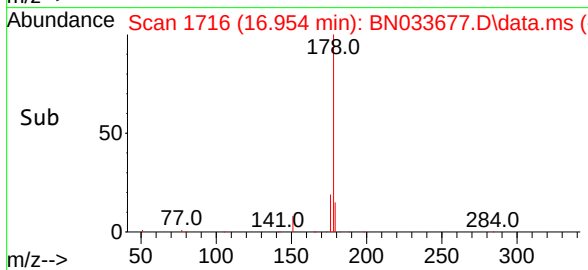
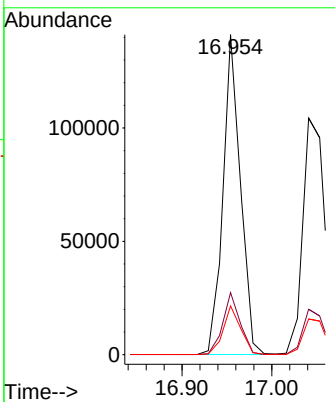
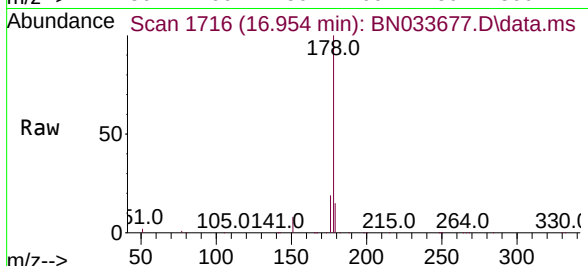
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Tgt Ion:178 Resp: 190529

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.2  | 15.4  | 23.2  |
| 179 | 15.2  | 12.2  | 18.2  |

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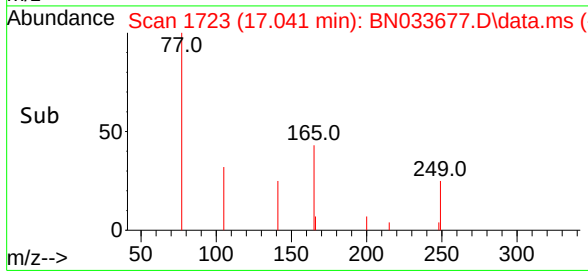
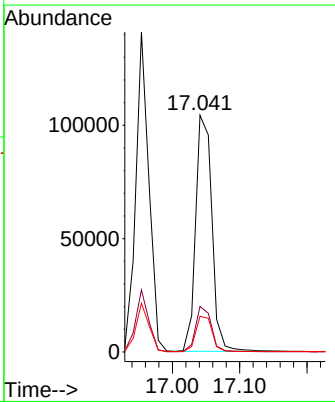
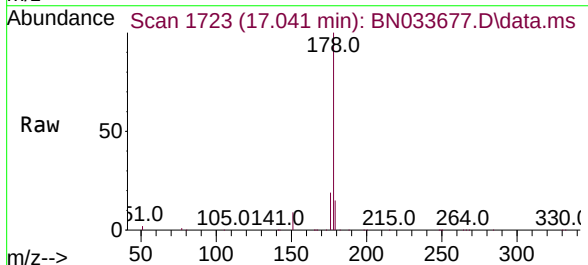
Reviewed By :Jagrut Upadhyay 08/30/2024  
 Supervised By :mohammad ahmed 09/02/2024

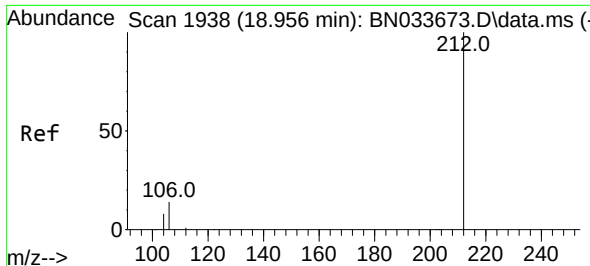


#26  
 Anthracene  
 Concen: 5.228 ng  
 RT: 17.041 min Scan# 1723  
 Delta R.T. -0.012 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Tgt Ion:178 Resp: 175045

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.6  | 14.9  | 22.3  |
| 179 | 15.2  | 12.2  | 18.4  |





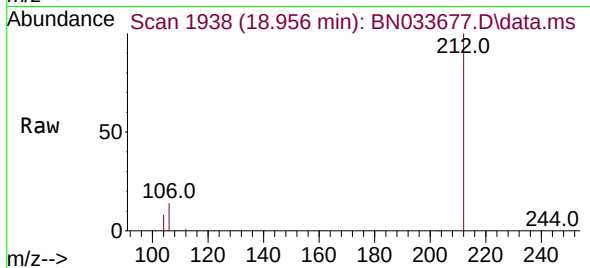
#27  
Fluoranthene-d10  
Concen: 5.269 ng  
RT: 18.956 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

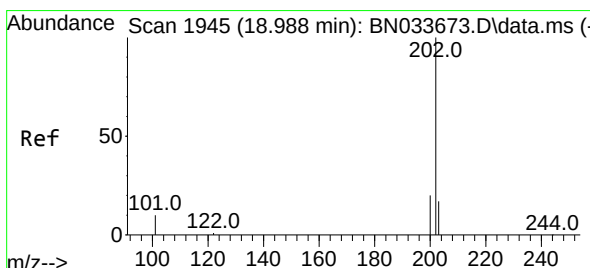
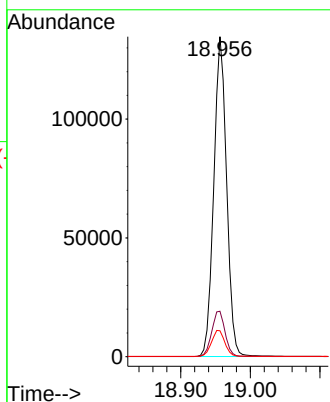
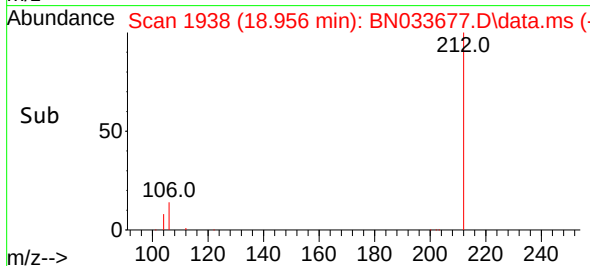


Tgt Ion:212 Resp: 17226  
Ion Ratio Lower Upper  
212 100  
106 14.7 11.8 17.6  
104 8.4 6.9 10.3

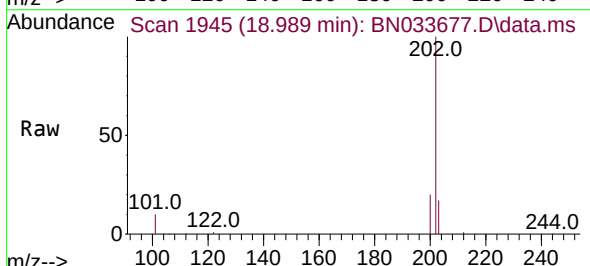
Manual Integrations

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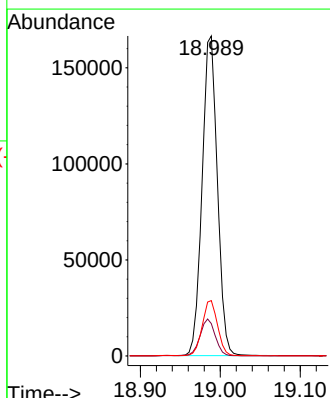
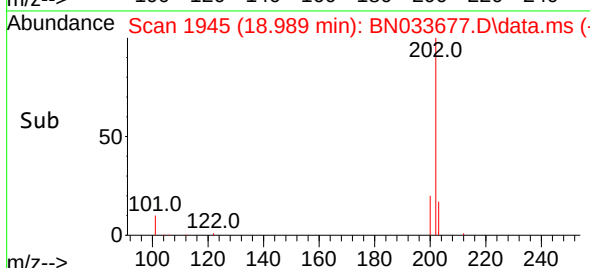
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024



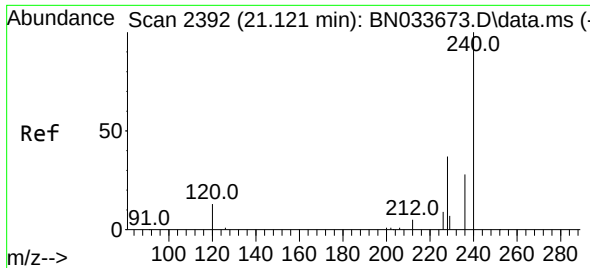
#28  
Fluoranthene  
Concen: 5.262 ng  
RT: 18.989 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



Tgt Ion:202 Resp: 220041  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.2 13.8  
203 17.4 13.8 20.8

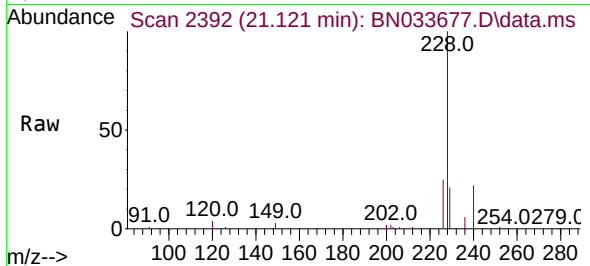






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.121 min Scan# 21120  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

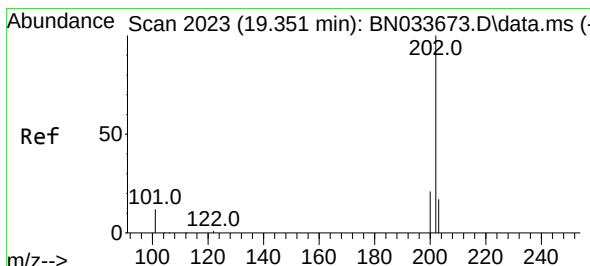
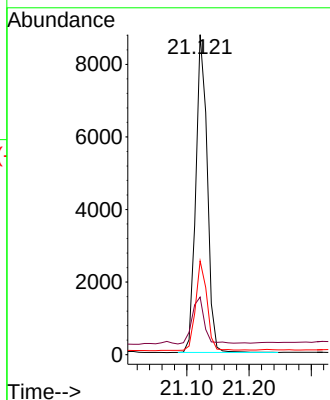
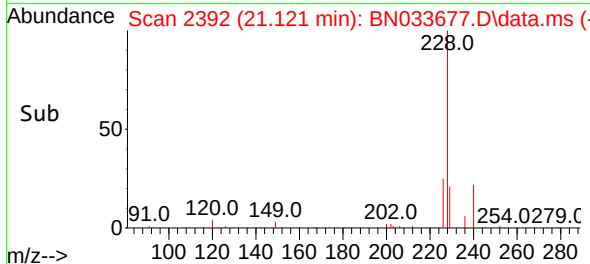
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



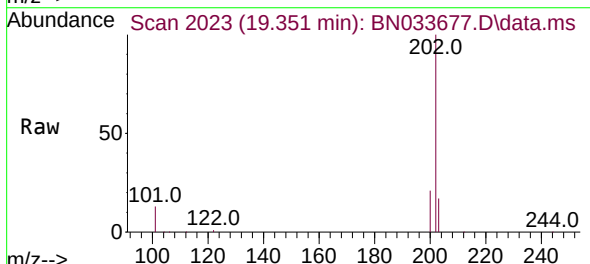
Tgt Ion:240 Resp: 1120  
Ion Ratio Lower Upper  
240 100  
120 18.0 13.3 19.9  
236 29.3 23.4 35.2

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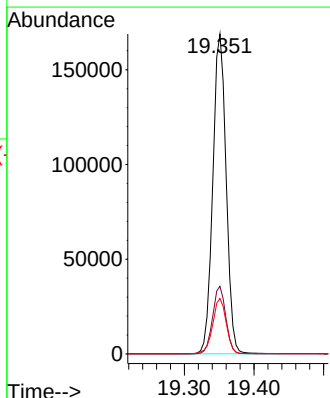
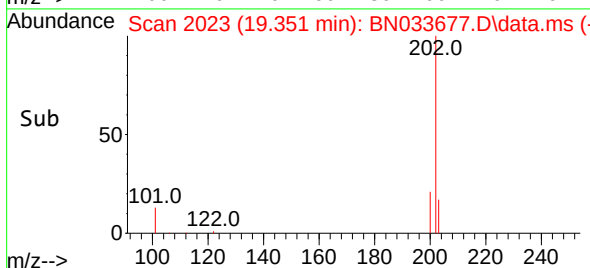
Reviewed By :Jagrut Upadhyay 08/30/2024  
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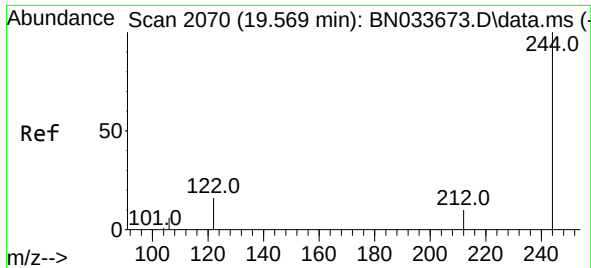


#30  
Pyrene  
Concen: 4.494 ng  
RT: 19.351 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



Tgt Ion:202 Resp: 224678  
Ion Ratio Lower Upper  
202 100  
200 20.9 16.8 25.2  
203 17.7 14.5 21.7





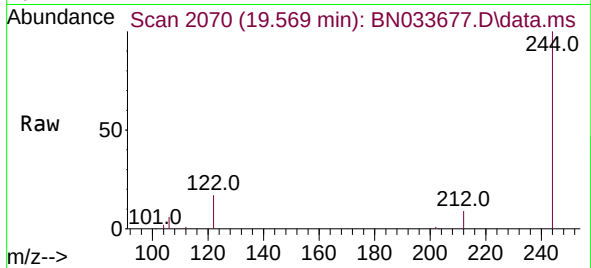
#31  
 Terphenyl-d14  
 Concen: 4.597 ng  
 RT: 19.569 min Scan# 2070  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

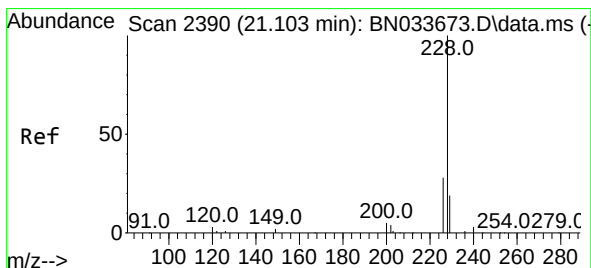
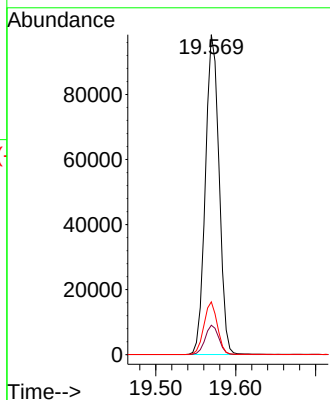
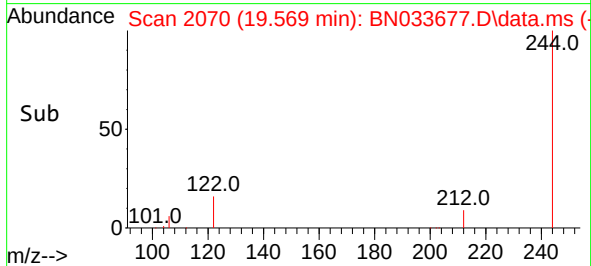


Tgt Ion:244 Resp: 117029  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 8.2 12.4  
 122 16.5 13.6 20.4

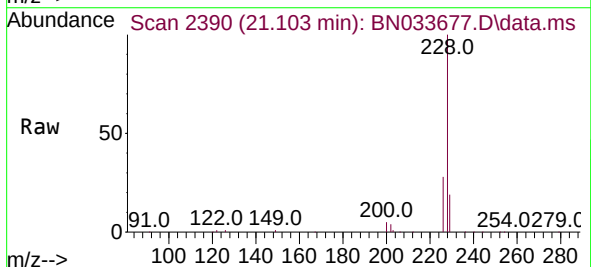
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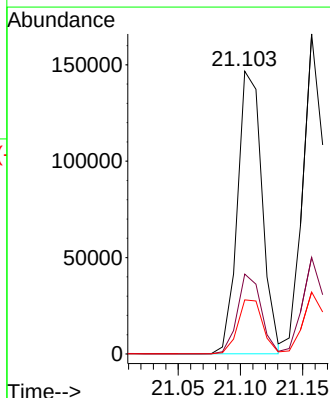
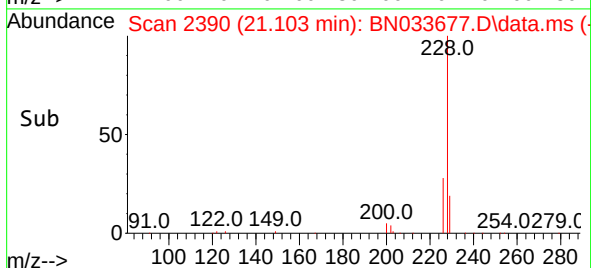
Reviewed By :Jagrut Upadhyay 08/30/2024  
 Supervised By :mohammad ahmed 09/02/2024

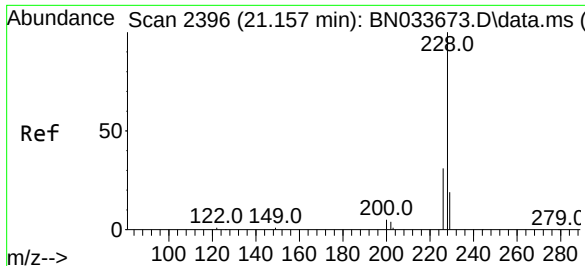


#32  
 Benzo(a)anthracene  
 Concen: 4.964 ng  
 RT: 21.103 min Scan# 2390  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45



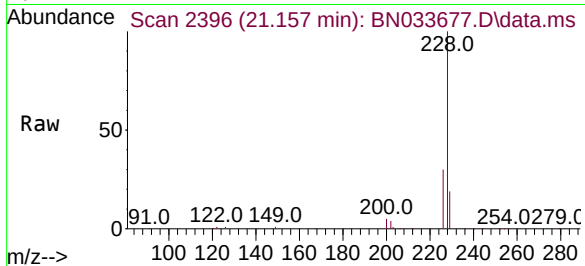
Tgt Ion:228 Resp: 201028  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 22.6 34.0  
 229 19.1 15.8 23.6





#33  
Chrysene  
Concen: 4.941 ng  
RT: 21.157 min Scan# 2396  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

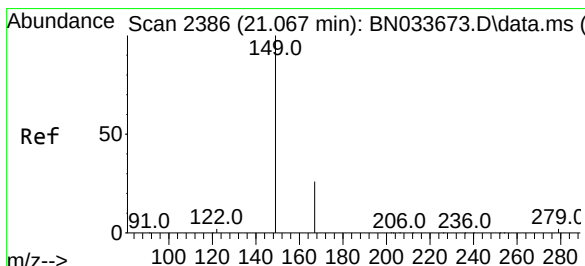
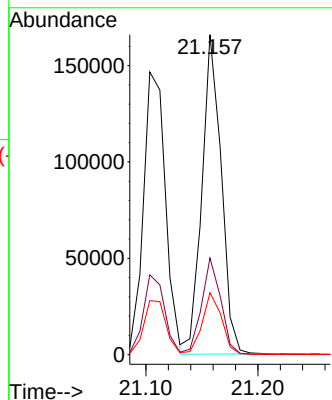
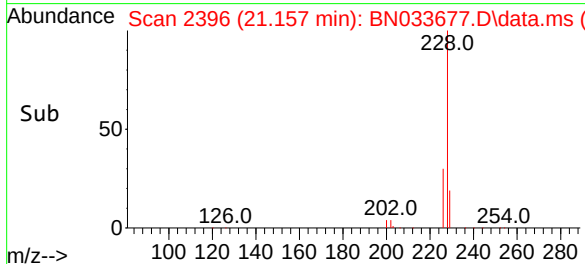
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



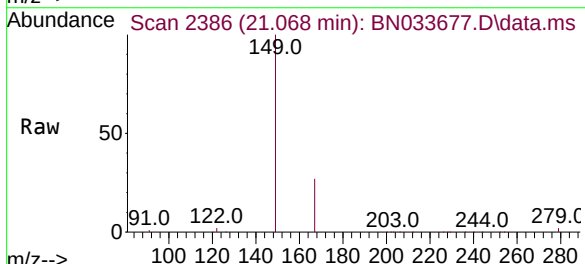
Tgt Ion:228 Resp: 198885  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.7 37.1  
229 19.3 15.6 23.4

Manual Integrations  
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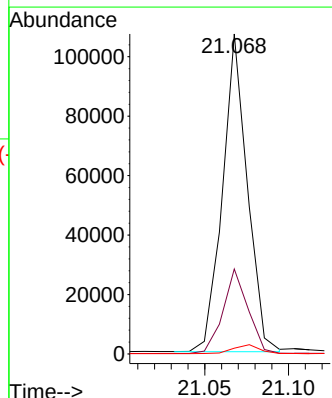
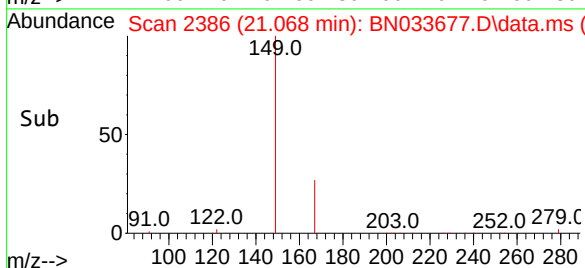
Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024

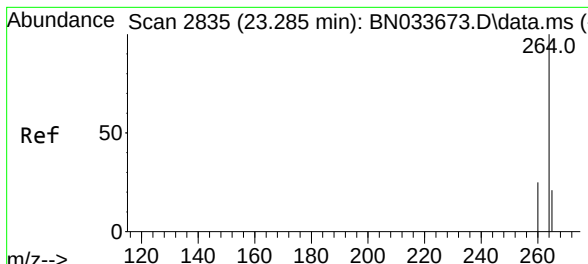


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 4.297 ng m  
RT: 21.068 min Scan# 2386  
Delta R.T. 0.000 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45



Tgt Ion:149 Resp: 110164  
Ion Ratio Lower Upper  
149 100  
167 26.7 28.3 42.5#  
279 3.5 4.2 6.2#





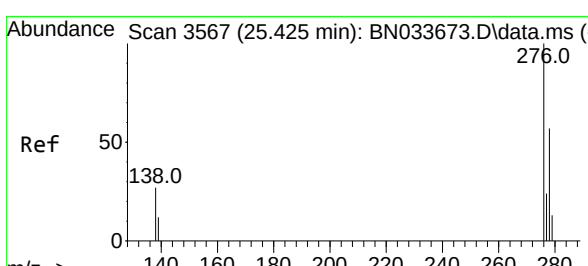
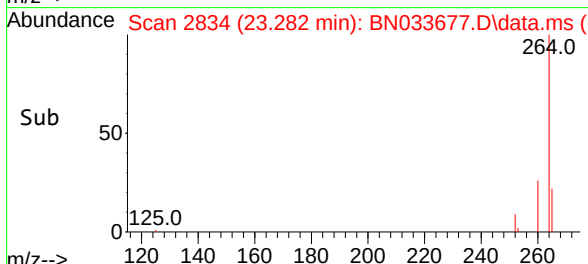
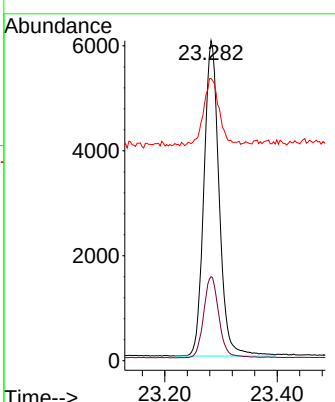
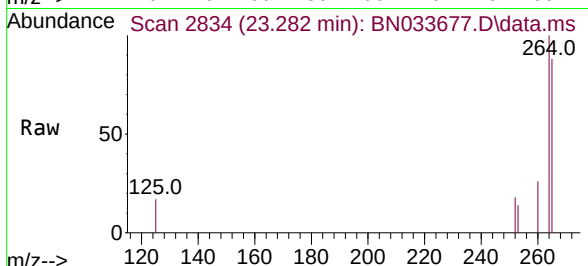
#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.282 min Scan# 2834  
 Delta R.T. -0.003 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Instrument : BNA\_N  
 ClientSampleId : SSTDICC5.0

Tgt Ion:264 Resp: 1129

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.3  | 20.7  | 31.1  |
| 265 | 88.2  | 69.9  | 104.9 |

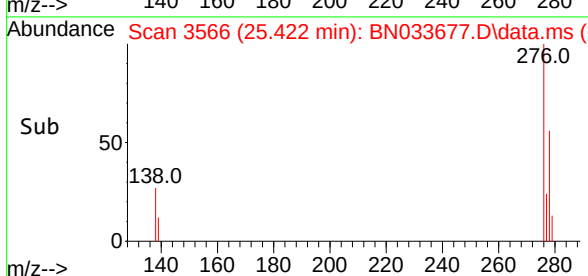
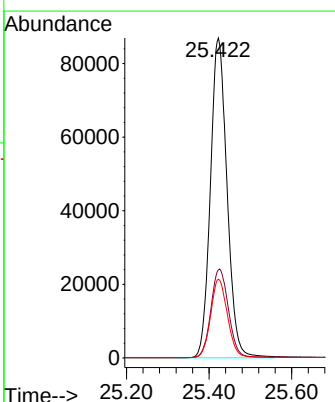
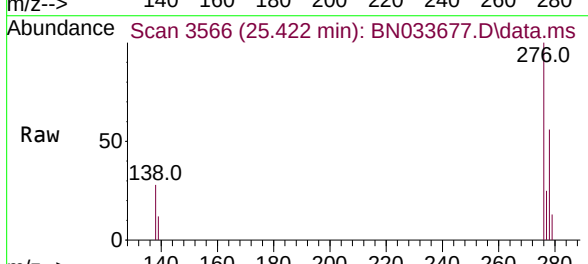
Manual Integrations  
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 Supervised By :mohammad ahmed 09/02/2024

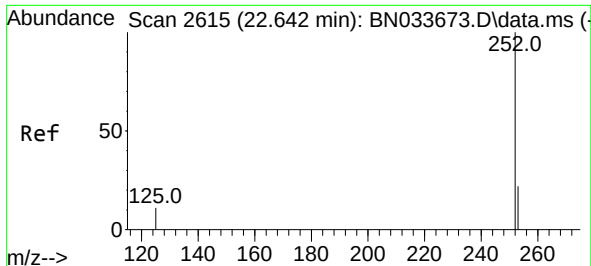


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 5.177 ng  
 RT: 25.422 min Scan# 3566  
 Delta R.T. -0.002 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Tgt Ion:276 Resp: 242688

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 29.3  | 23.3  | 34.9  |
| 277 | 24.8  | 19.8  | 29.6  |





#37

Benzo(b)fluoranthene

Concen: 4.900 ng

RT: 22.642 min Scan# 2615

Delta R.T. 0.000 min

Lab File: BN033677.D

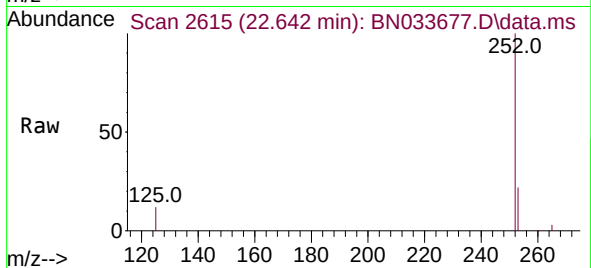
Acq: 29 Aug 2024 19:45

Instrument :

BN033677.D

ClientSampleId :

SSTDICC5.0

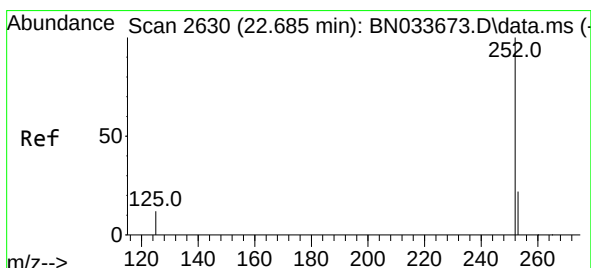
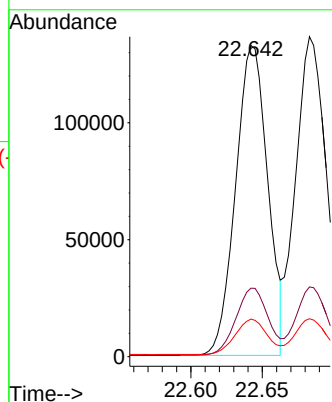
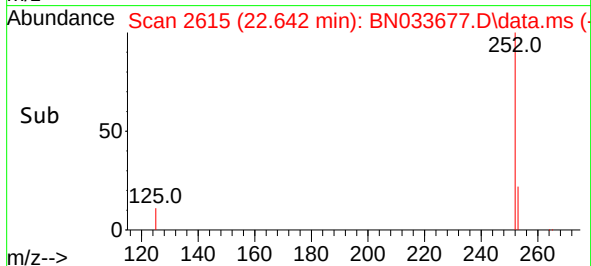


|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 206618   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 22.0 21.6 32.4 |
| 125         | 12.1 15.2 22.8 |

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#38

Benzo(k)fluoranthene

Concen: 5.015 ng

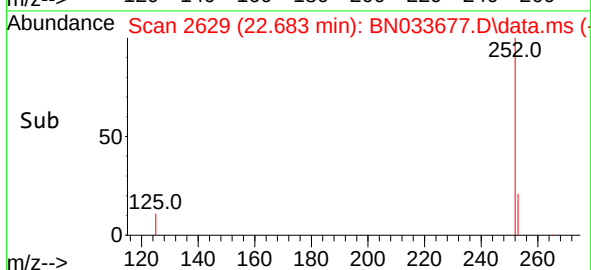
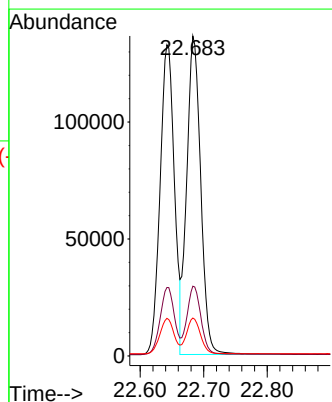
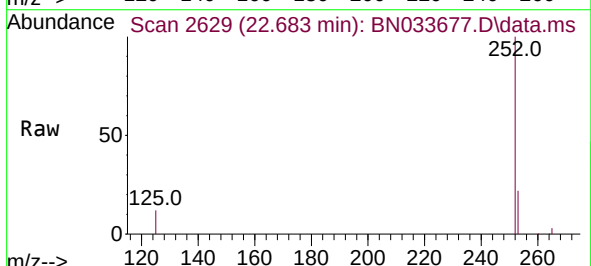
RT: 22.683 min Scan# 2629

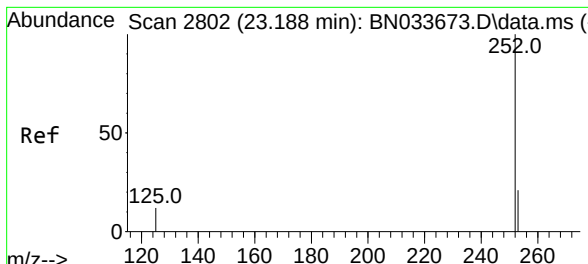
Delta R.T. -0.002 min

Lab File: BN033677.D

Acq: 29 Aug 2024 19:45

|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 208139   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 21.8 21.4 32.2 |
| 125         | 11.9 15.8 23.6 |





#39  
 Benzo(a)pyrene  
 Concen: 5.135 ng  
 RT: 23.189 min Scan# 2802  
 Delta R.T. 0.000 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

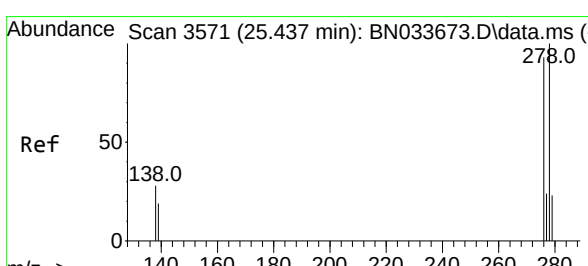
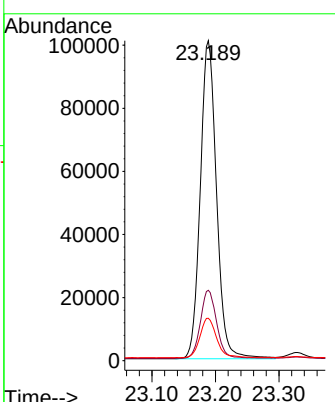
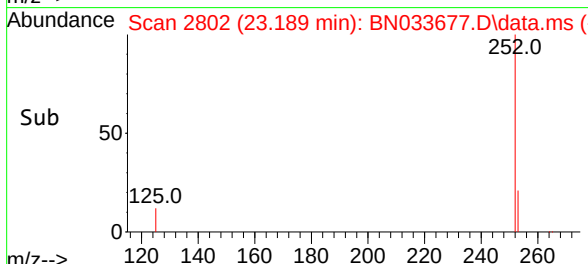
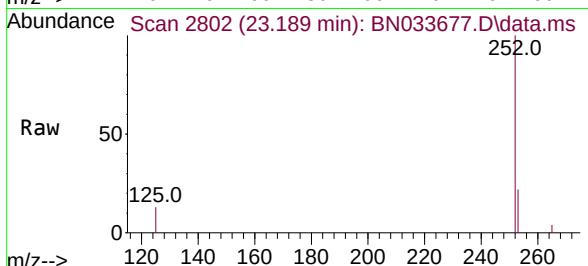
Instrument : BNA\_N  
 ClientSampleId : SSTDICC5.0

Tgt Ion: 252 Resp: 179174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 23.6  | 35.4  |
| 125 | 13.2  | 18.7  | 28.1  |

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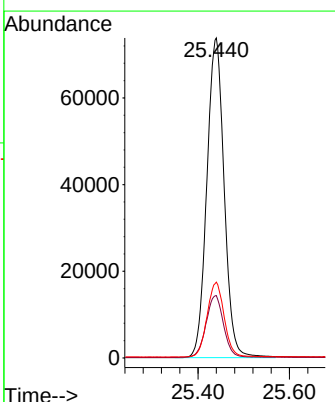
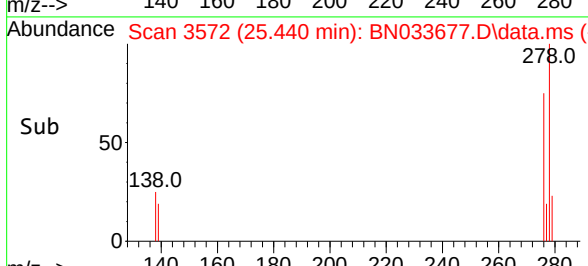
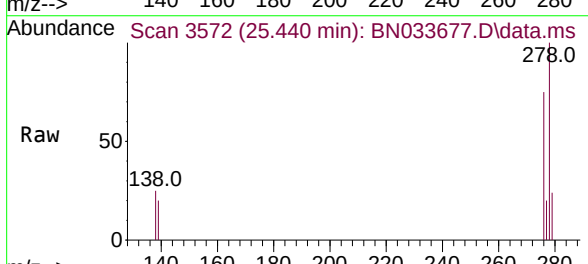
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 Supervised By :mohammad ahmed 09/02/2024

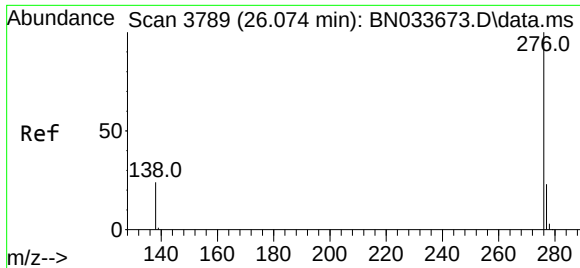


#40  
 Dibenzo(a,h)anthracene  
 Concen: 5.176 ng  
 RT: 25.440 min Scan# 3572  
 Delta R.T. 0.003 min  
 Lab File: BN033677.D  
 Acq: 29 Aug 2024 19:45

Tgt Ion: 278 Resp: 194015

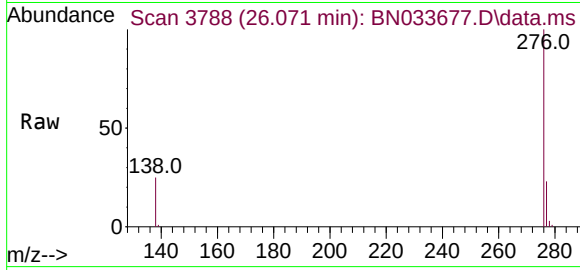
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 19.5  | 17.2  | 25.8  |
| 279 | 23.7  | 22.2  | 33.4  |





#41  
Benzo(g,h,i)perylene  
Concen: 5.181 ng  
RT: 26.071 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BN033677.D  
Acq: 29 Aug 2024 19:45

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:276 Resp: 207672  
Ion Ratio Lower Upper  
276 100  
277 23.5 20.2 30.2  
138 25.0 21.1 31.7

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 08/30/2024  
Supervised By :mohammad ahmed 09/02/2024

