

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080524\  
 Data File : BN033247.D  
 Acq On : 05 Aug 2024 22:21  
 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 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 23:49:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 05 23:33:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.459  | 152  | 1154     | 0.400 | ng    | -0.05    |
| 7) Naphthalene-d8             | 10.212 | 136  | 4069     | 0.400 | ng    | #-0.11   |
| 13) Acenaphthene-d10          | 14.094 | 164  | 2698     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 16.870 | 188  | 6325     | 0.400 | ng    | -0.05    |
| 29) Chrysene-d12              | 21.098 | 240  | 7091     | 0.400 | ng    | -0.03    |
| 35) Perylene-d12              | 23.274 | 264  | 8557     | 0.400 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.141  | 112  | 13560m   | 4.712 | ng    | -0.15    |
| 5) Phenol-d6                  | 6.701  | 99   | 20464m   | 5.227 | ng    | -0.29    |
| 8) Nitrobenzene-d5            | 8.653  | 82   | 17164m   | 5.207 | ng    | -0.27    |
| 11) 2-Methylnaphthalene-d10   | 11.818 | 152  | 31167    | 5.112 | ng    | -0.11    |
| 14) 2,4,6-Tribromophenol      | 15.642 | 330  | 5583m    | 5.576 | ng    | -0.07    |
| 15) 2-Fluorobiphenyl          | 12.704 | 172  | 47769m   | 5.164 | ng    | -0.10    |
| 27) Fluoranthene-d10          | 18.918 | 212  | 86795    | 4.904 | ng    | -0.03    |
| 31) Terphenyl-d14             | 19.522 | 244  | 60251    | 4.919 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.047  | 88   | 6621     | 4.977 | ng    | # 93     |
| 3) n-Nitrosodimethylamine     | 3.393  | 42   | 7613     | 5.409 | ng    | # 83     |
| 6) bis(2-Chloroethyl)ether    | 6.910  | 93   | 17198m   | 4.715 | ng    |          |
| 9) Naphthalene                | 10.265 | 128  | 53897    | 4.874 | ng    | # 84     |
| 10) Hexachlorobutadiene       | 10.500 | 225  | 9310m    | 4.531 | ng    |          |
| 12) 2-Methylnaphthalene       | 11.893 | 142  | 36852    | 5.607 | ng    | 92       |
| 16) Acenaphthylene            | 13.816 | 152  | 58768    | 5.458 | ng    | 100      |
| 17) Acenaphthene              | 14.158 | 154  | 39894    | 5.135 | ng    | 99       |
| 18) Fluorene                  | 15.163 | 166  | 54279    | 5.161 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.377 | 198  | 5924m    | 5.158 | ng    |          |
| 21) 4-Bromophenyl-phenylether | 16.051 | 248  | 15971    | 4.759 | ng    | 88       |
| 22) Hexachlorobenzene         | 16.163 | 284  | 16383    | 4.676 | ng    | 99       |
| 23) Atrazine                  | 16.361 | 200  | 15681    | 4.962 | ng    | # 86     |
| 24) Pentachlorophenol         | 16.548 | 266  | 6889     | 5.878 | ng    | 100      |
| 25) Phenanthrene              | 16.908 | 178  | 84692    | 4.978 | ng    | 99       |
| 26) Anthracene                | 17.007 | 178  | 78319    | 5.491 | ng    | # 87     |
| 28) Fluoranthene              | 18.950 | 202  | 112216   | 4.809 | ng    | 99       |
| 30) Pyrene                    | 19.317 | 202  | 118828   | 4.795 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.080 | 228  | 109718   | 5.373 | ng    | 98       |
| 33) Chrysene                  | 21.134 | 228  | 128815   | 4.696 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.008 | 149  | 2189     | 0.446 | ng    | # 97     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.414 | 276  | 199441   | 5.156 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.607 | 252  | 139033   | 5.358 | ng    | # 86     |
| 38) Benzo(k)fluoranthene      | 22.654 | 252  | 155977   | 4.772 | ng    | # 85     |
| 39) Benzo(a)pyrene            | 23.171 | 252  | 133832   | 5.135 | ng    | # 77     |
| 40) Dibenzo(a,h)anthracene    | 25.420 | 278  | 159088   | 5.208 | ng    | # 89     |
| 41) Benzo(g,h,i)perylene      | 26.080 | 276  | 173666   | 4.961 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

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

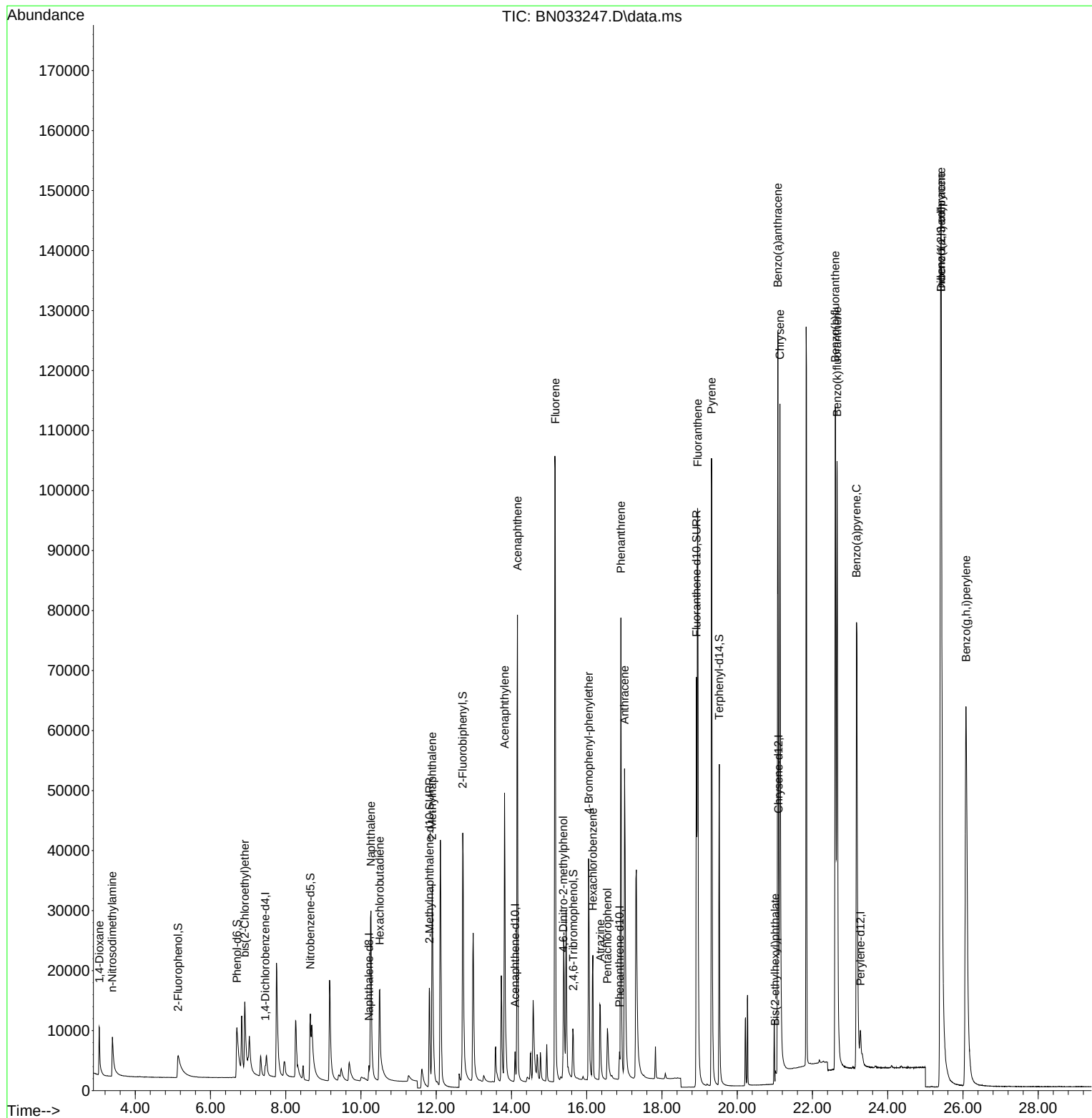
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080524\  
Data File : BN033247.D  
Acq On : 05 Aug 2024 22:21  
Operator : MA/JU  
Sample : SSTDICC5.0  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

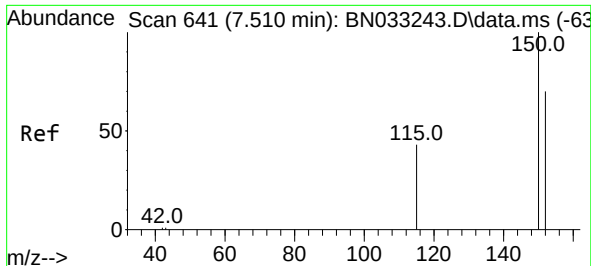
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

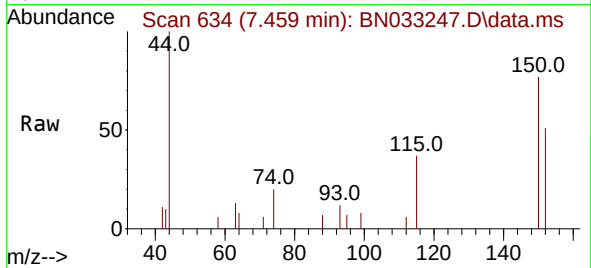
Quant Time: Aug 05 23:49:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 05 23:33:19 2024  
Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.459 min Scan# 61  
 Delta R.T. -0.051 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

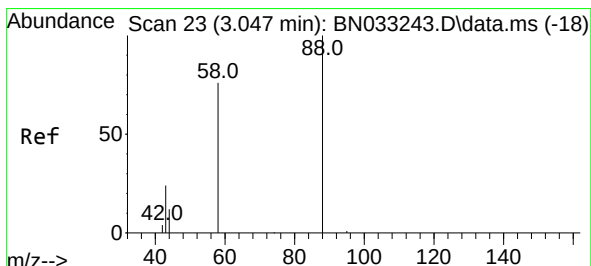
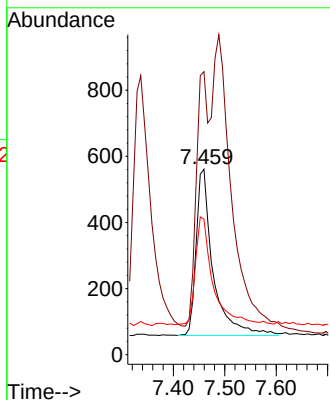
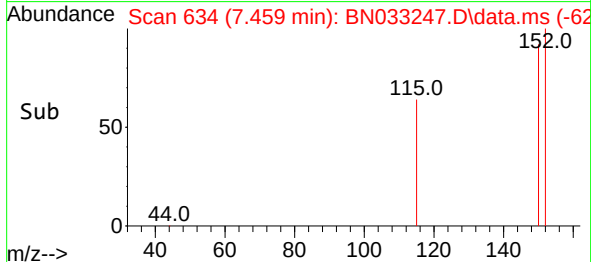
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0



Tgt Ion:152 Resp: 1154  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 108.2 162.2  
 115 73.1 70.5 105.7

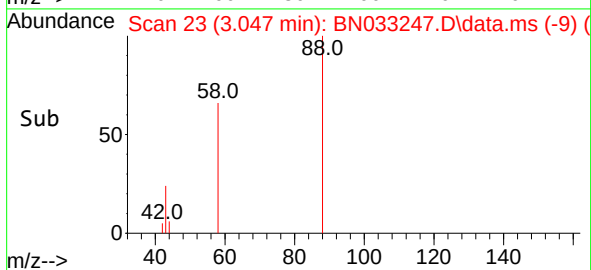
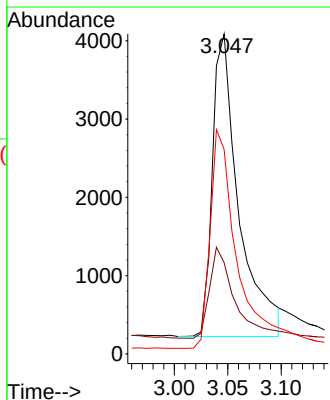
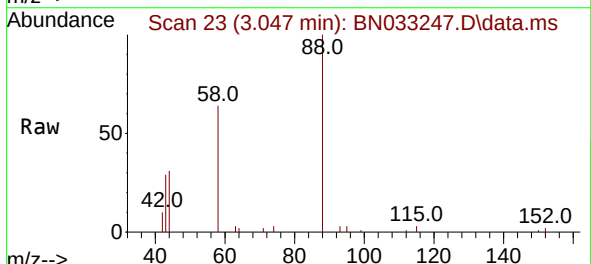
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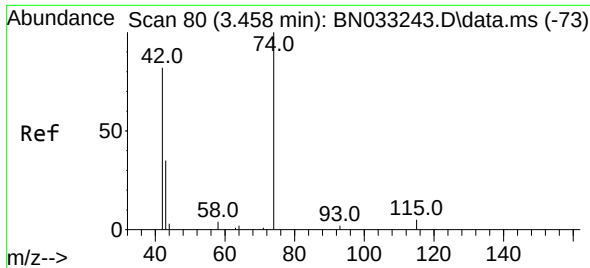
Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024



#2  
 1,4-Dioxane  
 Concen: 4.977 ng  
 RT: 3.047 min Scan# 23  
 Delta R.T. -0.000 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

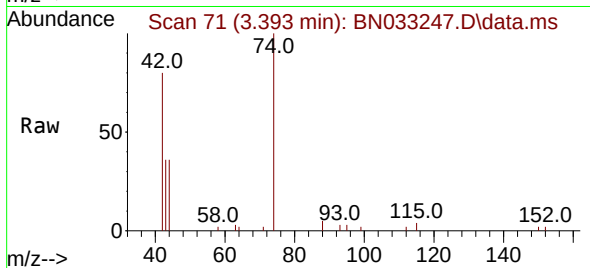
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 Ion Ratio Lower Upper  
 88 100  
 43 28.5 18.6 28.0#  
 58 72.6 54.5 81.7





#3  
n-Nitrosodimethylamine  
Concen: 5.409 ng  
RT: 3.393 min Scan# 71  
Delta R.T. -0.065 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

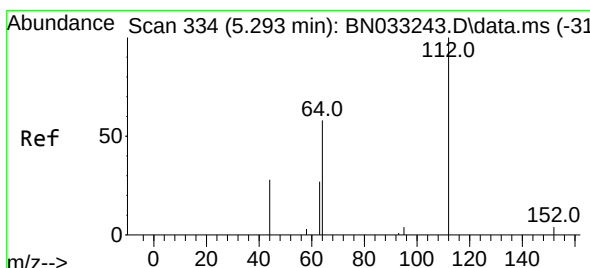
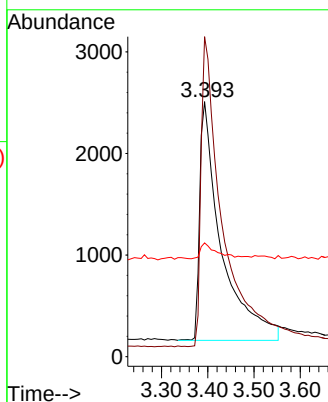
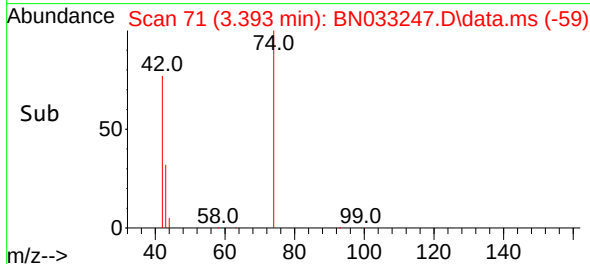
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion: 42 Resp: 761  
Ion Ratio Lower Upper  
42 100  
74 129.9 0.0 0.0#  
44 5.2 9.6 14.4#

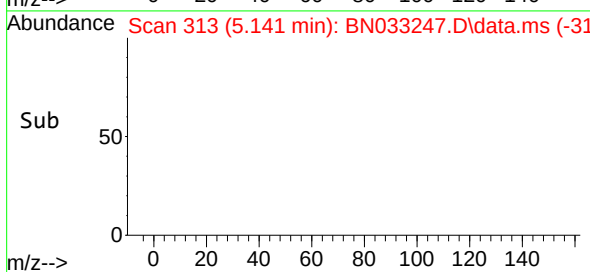
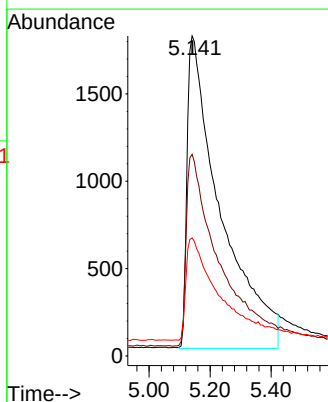
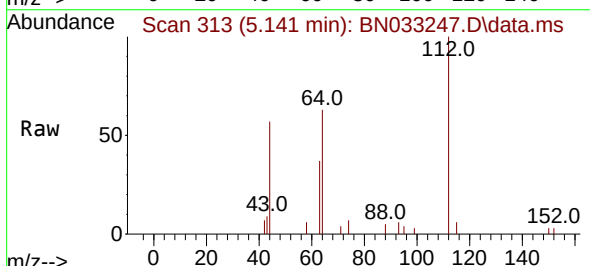
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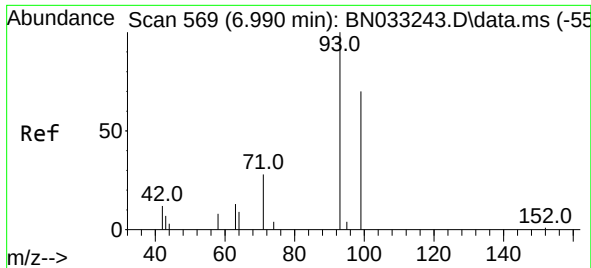
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#4  
2-Fluorophenol  
Concen: 4.712 ng m  
RT: 5.141 min Scan# 313  
Delta R.T. -0.152 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:112 Resp: 13560  
Ion Ratio Lower Upper  
112 100  
64 44.8 18.0 27.0#  
63 24.0 0.0 0.0#





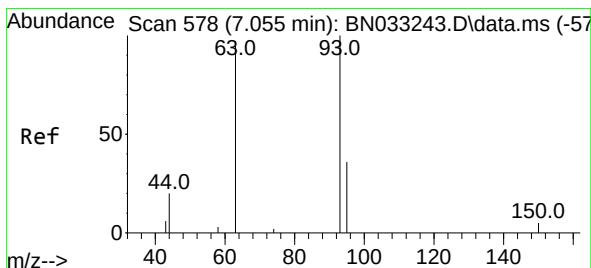
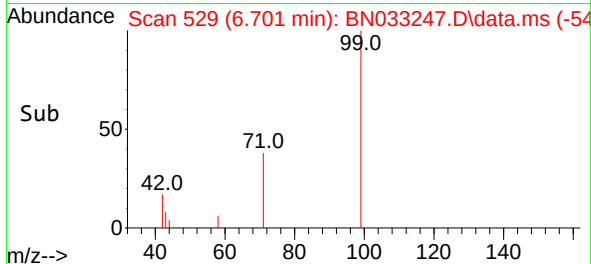
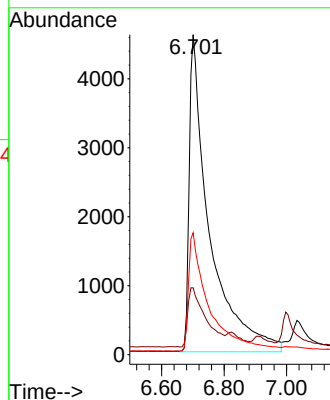
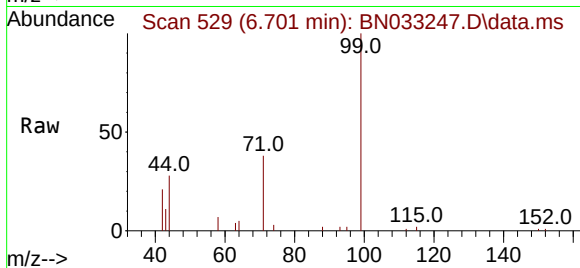
#5  
Phenol-d6  
Concen: 5.227 ng m  
RT: 6.701 min Scan# 51  
Delta R.T. -0.289 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion: 99 Resp: 2046  
Ion Ratio Lower Upper  
99 100  
42 0.0 0.0 0.0  
71 0.0 0.0 0.0

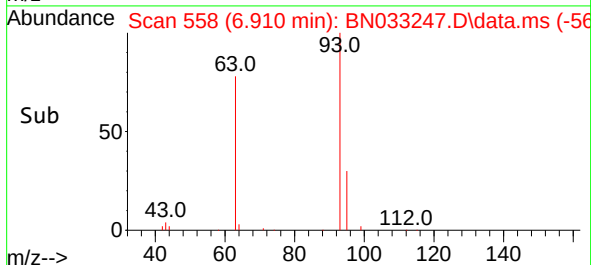
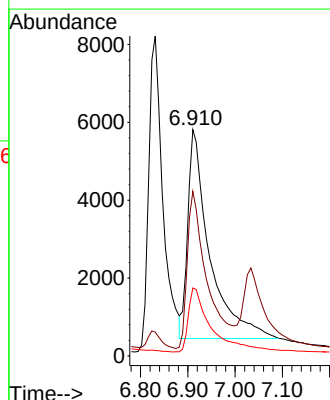
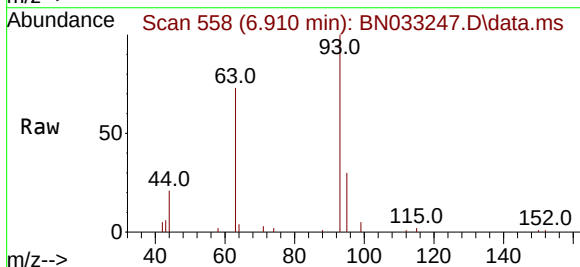
Manual Integrations  
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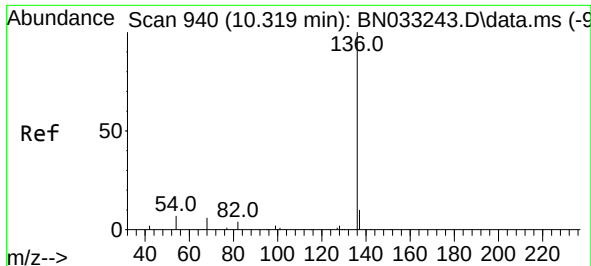
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 4.715 ng m  
RT: 6.910 min Scan# 558  
Delta R.T. -0.145 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

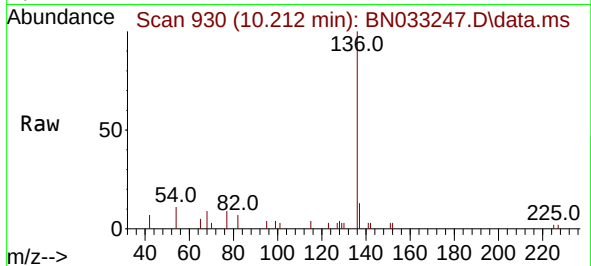
Tgt Ion: 93 Resp: 17198  
Ion Ratio Lower Upper  
93 100  
63 0.0 1.1 1.7#  
95 0.0 0.0 0.0





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.212 min Scan# 91  
Delta R.T. -0.107 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

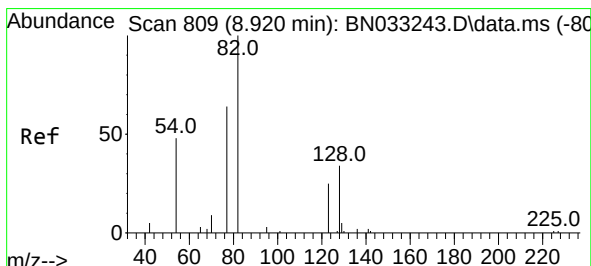
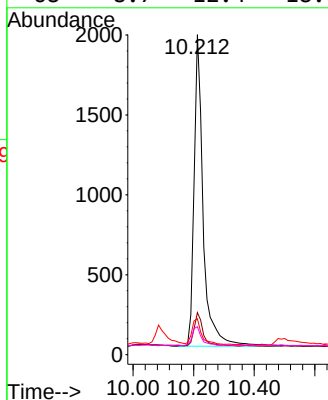
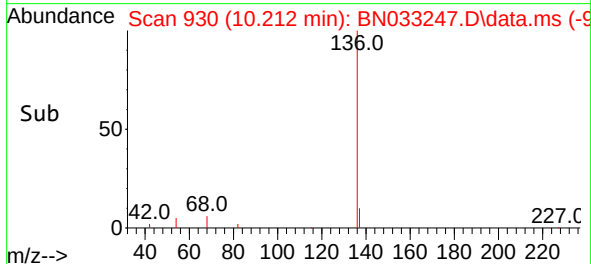
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:136 Resp: 4069  
Ion Ratio Lower Upper  
136 100  
137 13.1 14.1 21.1#  
54 11.2 13.8 20.8#  
68 8.7 12.4 18.6#

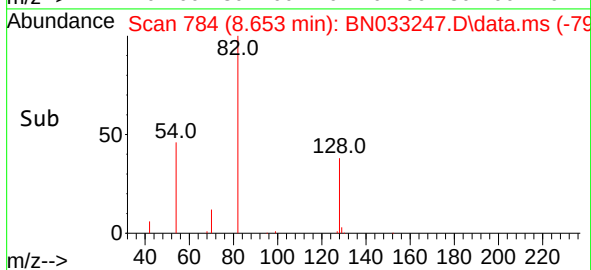
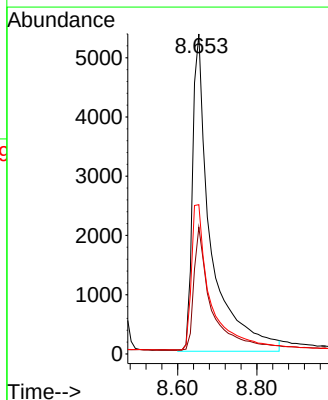
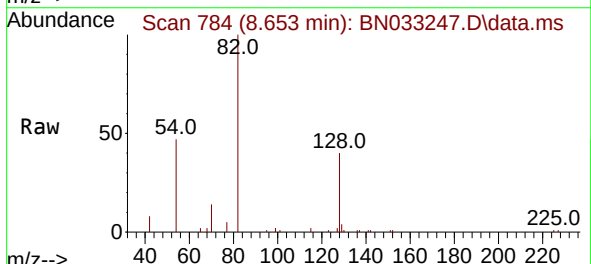
Manual Integrations  
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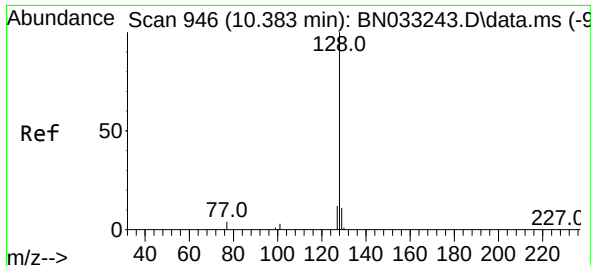
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#8  
Nitrobenzene-d5  
Concen: 5.207 ng m  
RT: 8.653 min Scan# 784  
Delta R.T. -0.267 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

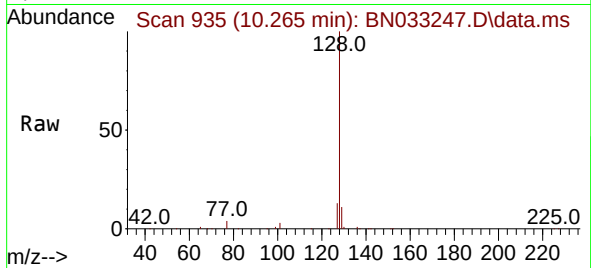
Tgt Ion: 82 Resp: 17164  
Ion Ratio Lower Upper  
82 100  
128 39.6 54.8 82.2#  
54 46.7 55.9 83.9#





#9  
Naphthalene  
Concen: 4.874 ng  
RT: 10.265 min Scan# 91  
Delta R.T. -0.118 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

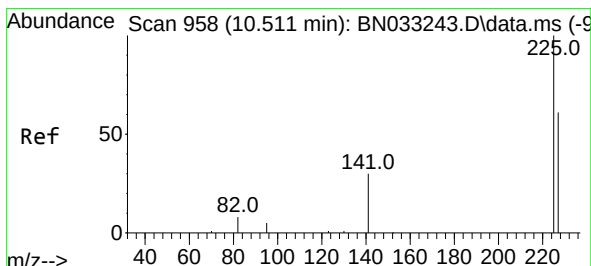
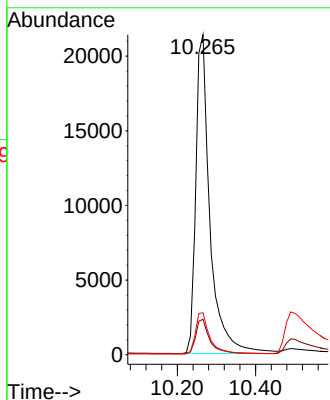
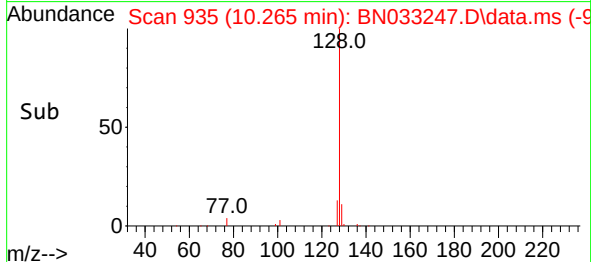
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:128 Resp: 5389  
Ion Ratio Lower Upper  
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129 11.0 15.4 23.0  
127 13.1 15.8 23.6

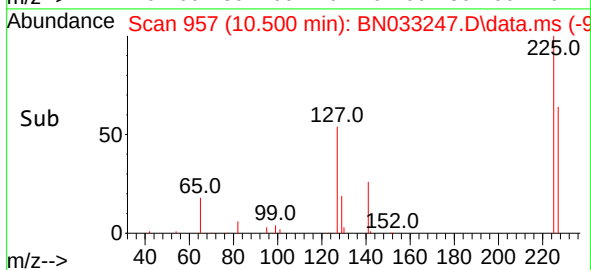
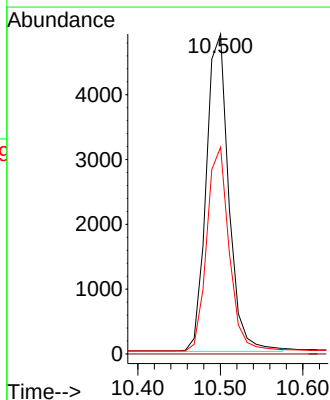
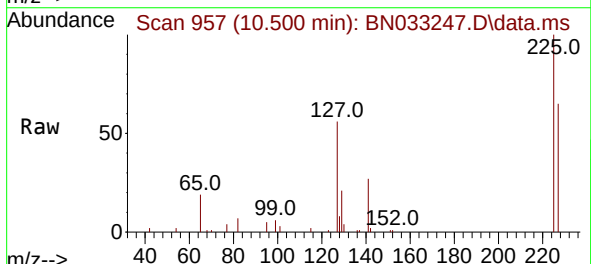
Manual Integrations  
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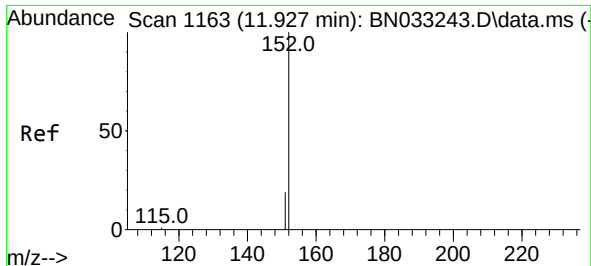
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#10  
Hexachlorobutadiene  
Concen: 4.531 ng m  
RT: 10.500 min Scan# 957  
Delta R.T. -0.011 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

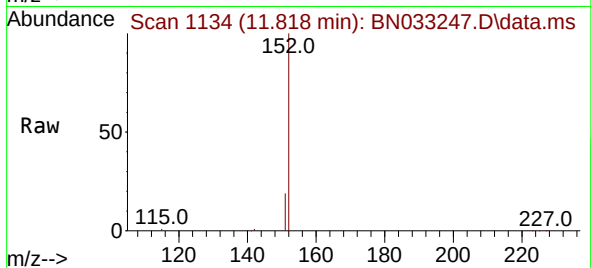
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 58.5 50.2 75.4





#11  
2-Methylnaphthalene-d10  
Concen: 5.112 ng  
RT: 11.818 min Scan# 1154  
Delta R.T. -0.109 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

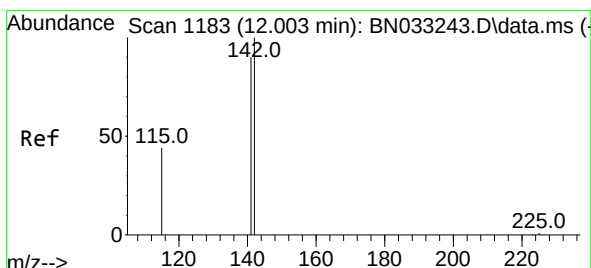
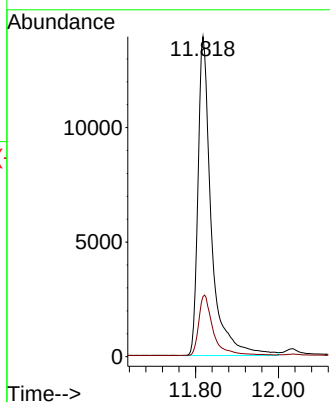
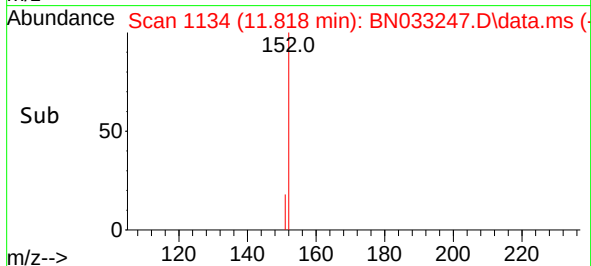
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:152 Resp: 3116  
Ion Ratio Lower Upper  
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151 20.6 11.9 17.9

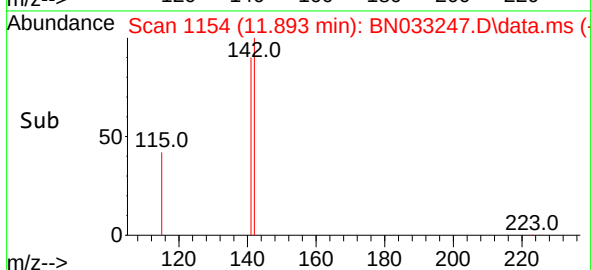
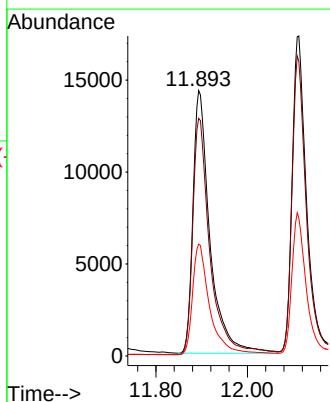
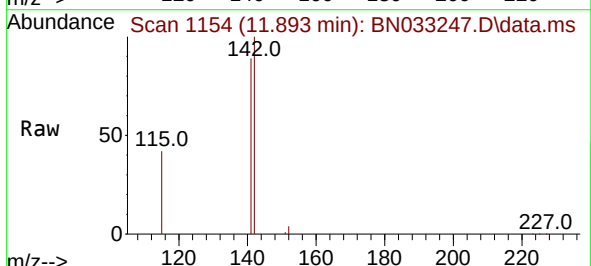
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Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

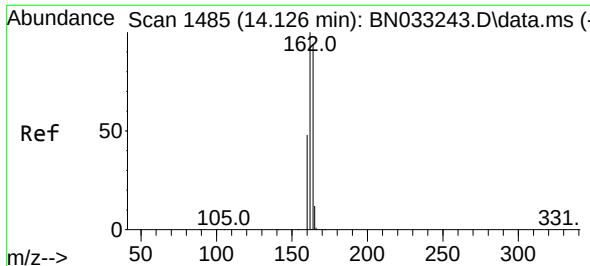


#12  
2-Methylnaphthalene  
Concen: 5.607 ng  
RT: 11.893 min Scan# 1154  
Delta R.T. -0.110 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:142 Resp: 36852  
Ion Ratio Lower Upper  
142 100  
141 89.5 68.7 103.1  
115 42.1 41.6 62.4







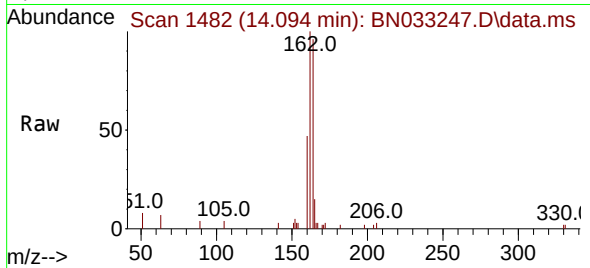
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.094 min Scan# 1482  
Delta R.T. -0.032 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

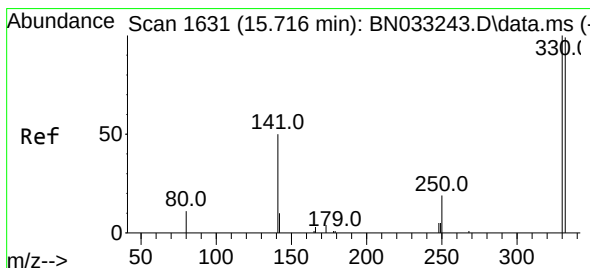
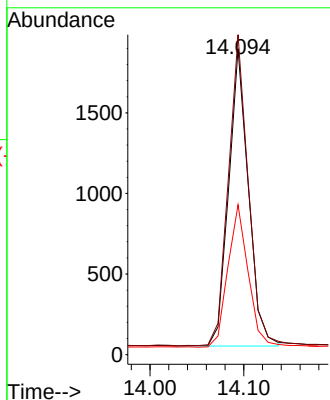
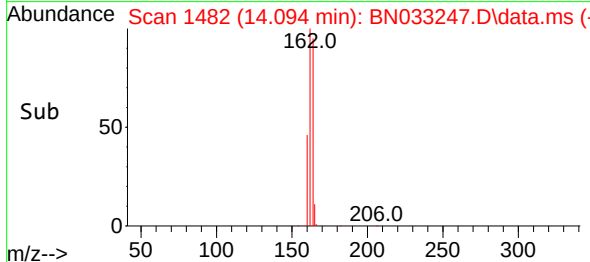


Tgt Ion:164 Resp: 2698  
Ion Ratio Lower Upper  
164 100  
162 104.5 84.6 127.0  
160 49.0 42.4 63.6

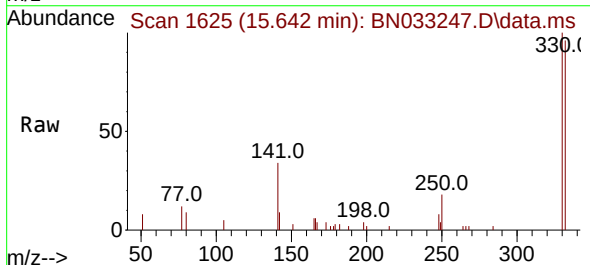
Manual Integrations

APPROVED

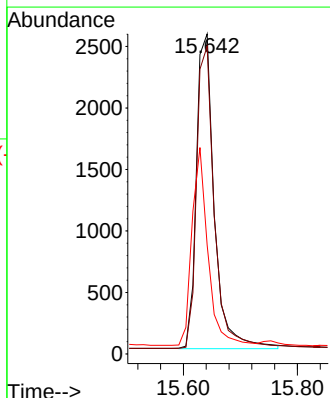
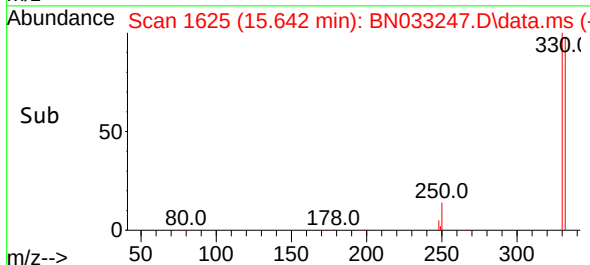
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

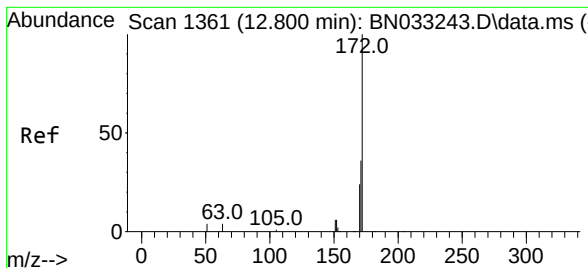


#14  
2,4,6-Tribromophenol  
Concen: 5.576 ng m  
RT: 15.642 min Scan# 1625  
Delta R.T. -0.074 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21



Tgt Ion:330 Resp: 5583  
Ion Ratio Lower Upper  
330 100  
332 93.6 73.7 110.5  
141 52.0 44.8 67.2





#15  
2-Fluorobiphenyl  
Concen: 5.164 ng m  
RT: 12.704 min Scan# 11  
Delta R.T. -0.096 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

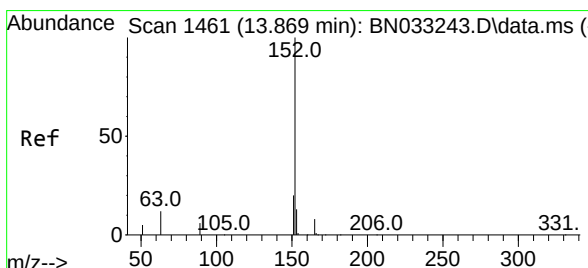
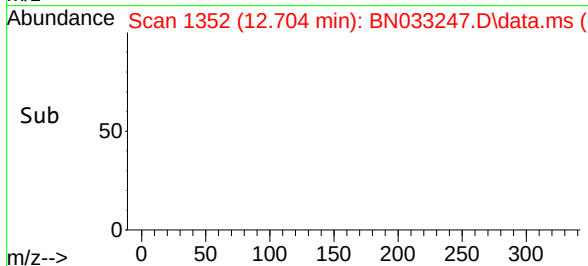
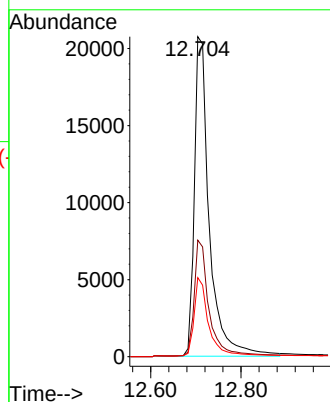
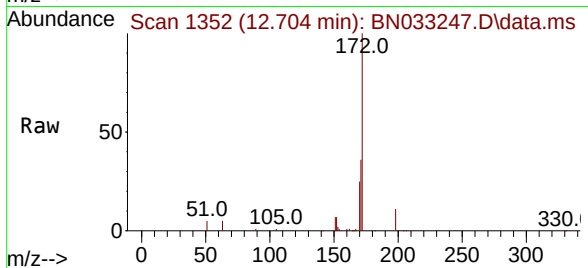
SSTDICC5.0

Tgt Ion:172 Resp: 47768  
Ion Ratio Lower Upper  
172 100  
171 36.4 32.3 48.5  
170 24.7 23.4 35.2

Manual Integrations

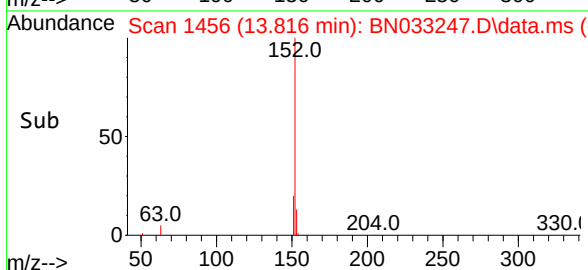
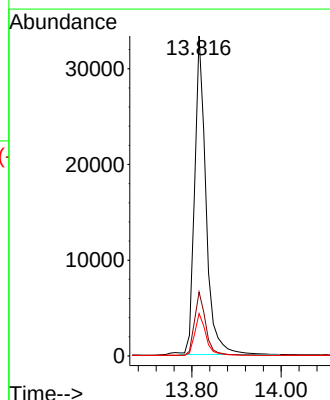
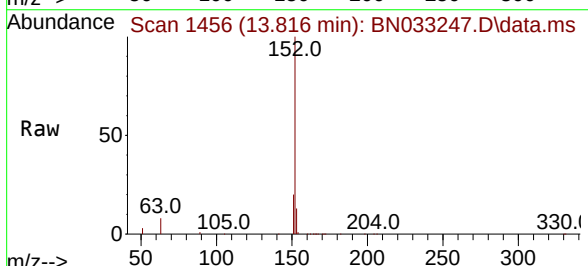
APPROVED

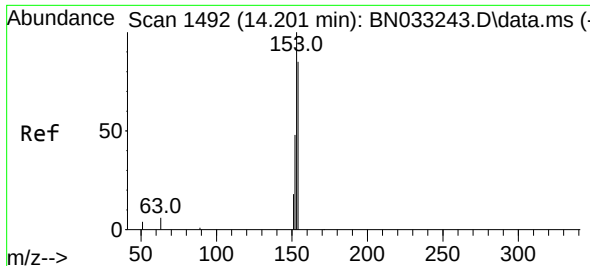
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#16  
Acenaphthylene  
Concen: 5.458 ng  
RT: 13.816 min Scan# 1456  
Delta R.T. -0.053 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

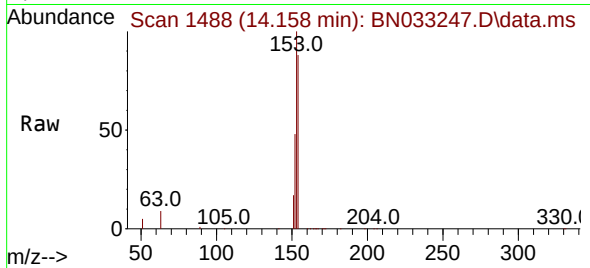
Tgt Ion:152 Resp: 58768  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.1 24.1  
153 13.0 10.2 15.2





#17  
Acenaphthene  
Concen: 5.135 ng  
RT: 14.158 min Scan# 1488  
Delta R.T. -0.043 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

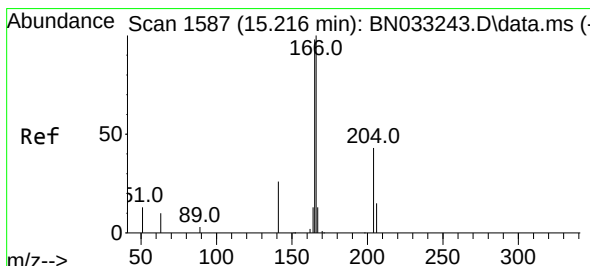
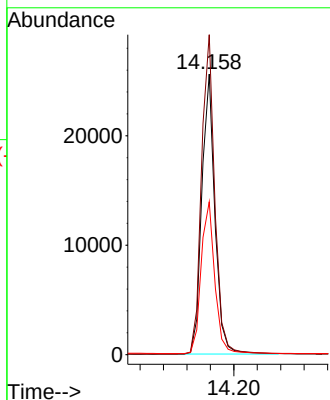
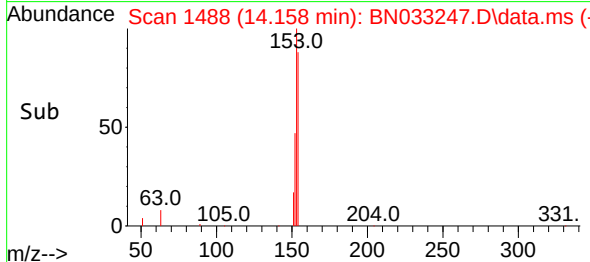
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:154 Resp: 39894  
Ion Ratio Lower Upper  
154 100  
153 115.5 92.7 139.1  
152 56.2 44.0 66.0

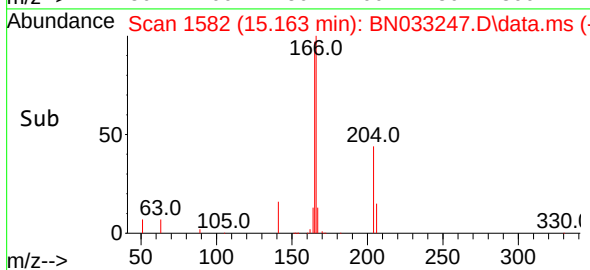
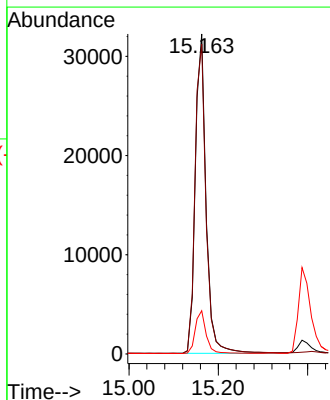
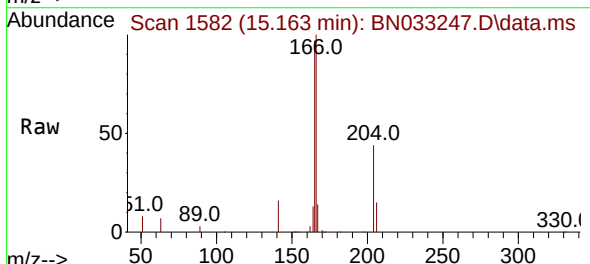
Manual Integrations  
APPROVED

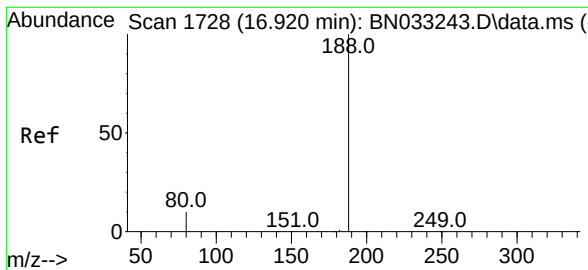
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#18  
Fluorene  
Concen: 5.161 ng  
RT: 15.163 min Scan# 1582  
Delta R.T. -0.053 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:166 Resp: 54279  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.6 119.4  
167 13.4 10.6 16.0





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.870 min Scan# 11  
Delta R.T. -0.050 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

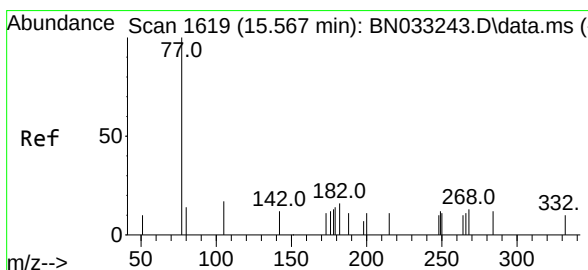
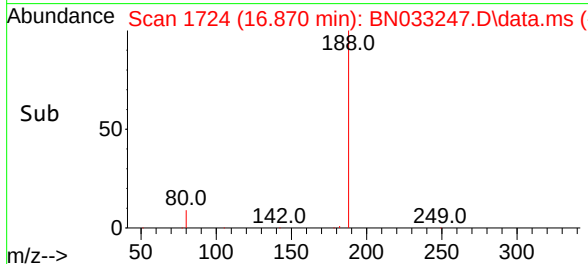
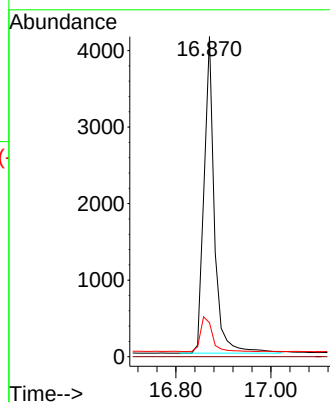
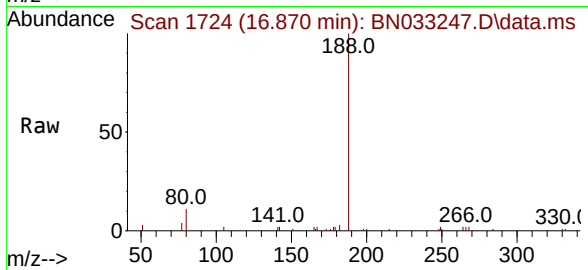
SSTDICC5.0

Tgt Ion:188 Resp: 632  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 10.2 15.4

Manual Integrations

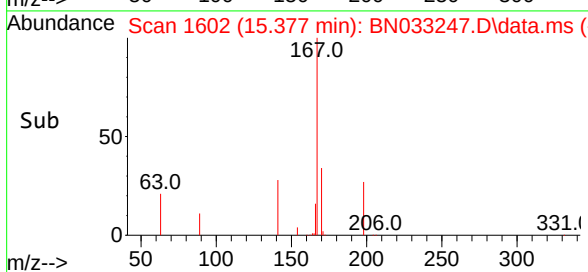
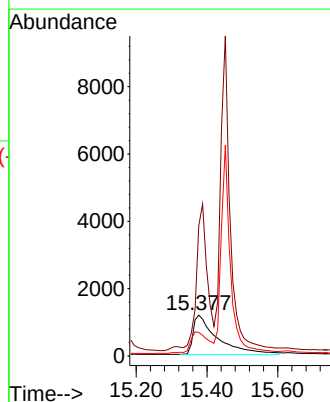
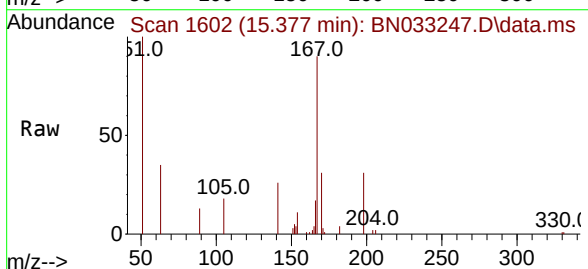
APPROVED

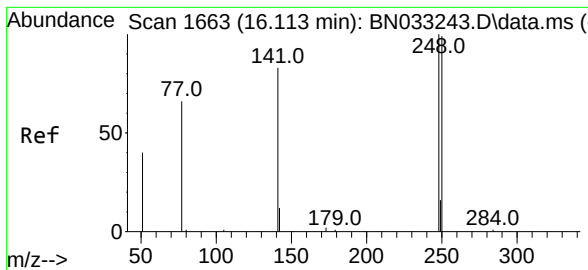
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#20  
4,6-Dinitro-2-methylphenol  
Concen: 5.158 ng m  
RT: 15.377 min Scan# 1602  
Delta R.T. -0.190 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:198 Resp: 5924  
Ion Ratio Lower Upper  
198 100  
51 318.7 250.6 375.8  
105 57.6 152.6 229.0#





#21  
4-Bromophenyl-phenylether  
Concen: 4.759 ng  
RT: 16.051 min Scan# 1663  
Delta R.T. -0.062 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

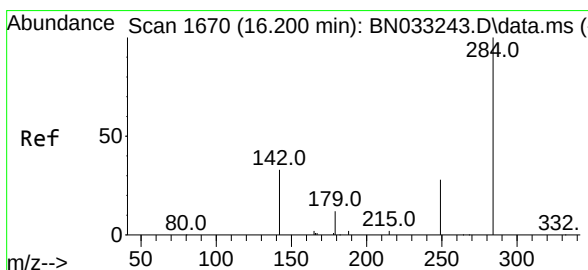
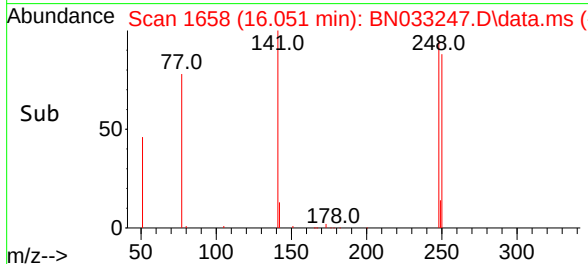
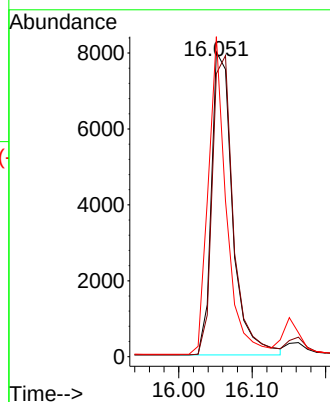
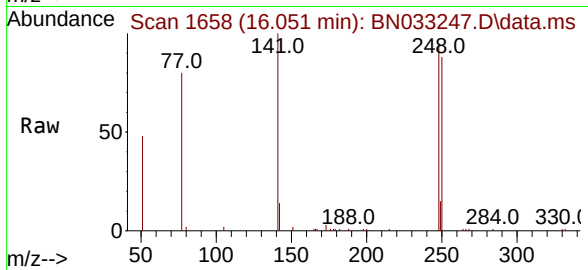
SSTDICC5.0

Tgt Ion:248 Resp: 1597  
Ion Ratio Lower Upper  
248 100  
250 92.9 80.0 120.0  
141 105.0 71.0 106.6

Manual Integrations

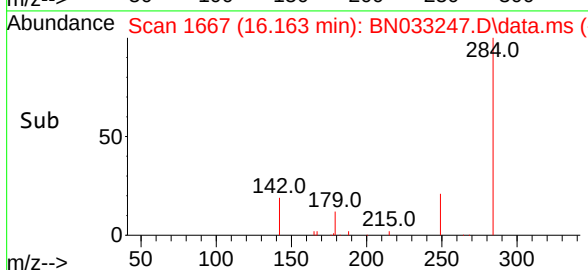
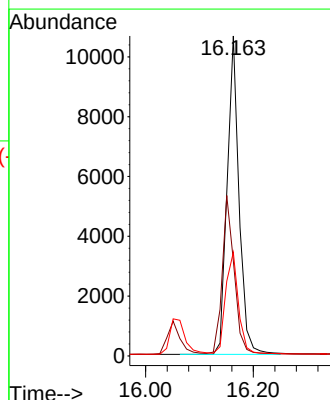
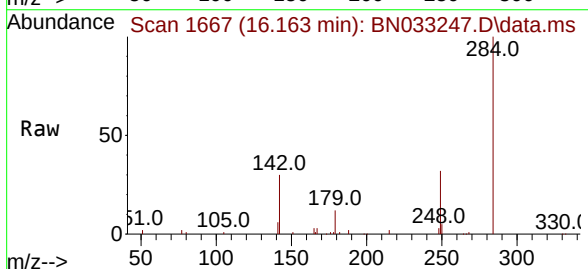
APPROVED

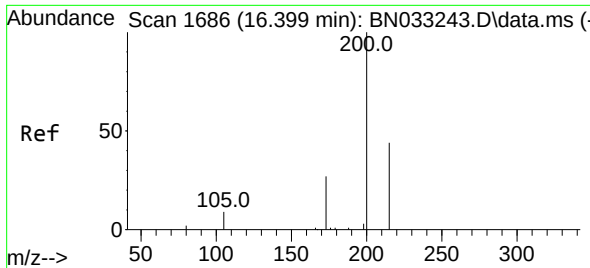
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#22  
Hexachlorobenzene  
Concen: 4.676 ng  
RT: 16.163 min Scan# 1667  
Delta R.T. -0.037 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

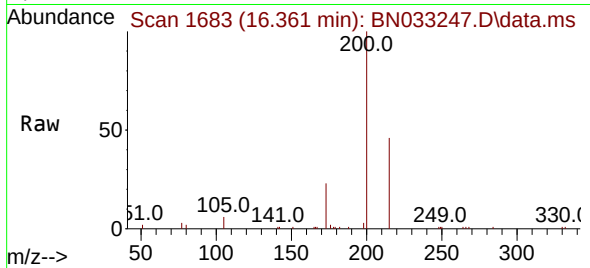
Tgt Ion:284 Resp: 16383  
Ion Ratio Lower Upper  
284 100  
142 49.5 38.8 58.2  
249 34.3 27.8 41.6





#23  
Atrazine  
Concen: 4.962 ng  
RT: 16.361 min Scan# 1683  
Delta R.T. -0.038 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

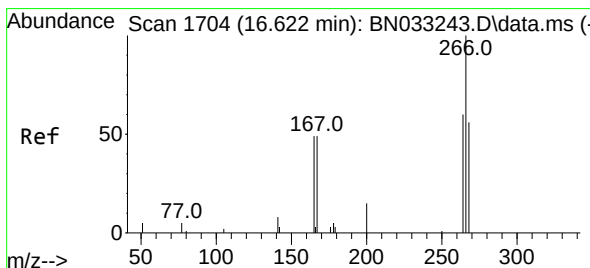
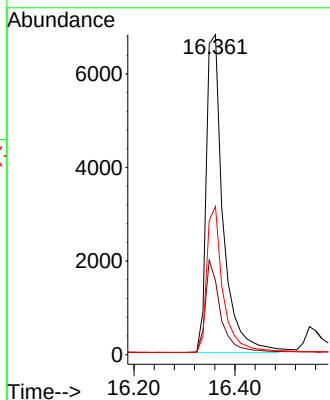
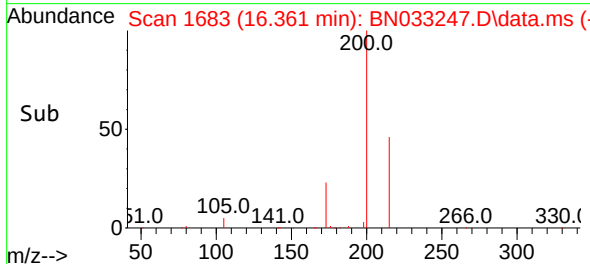
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:200 Resp: 1568  
Ion Ratio Lower Upper  
200 100  
173 23.1 29.2 43.8  
215 46.3 41.5 62.3

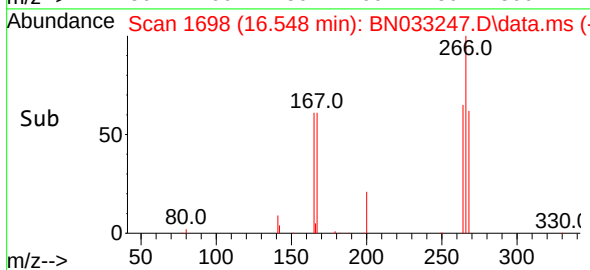
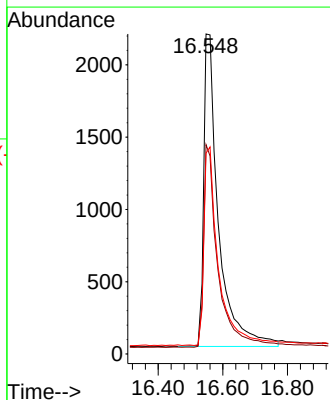
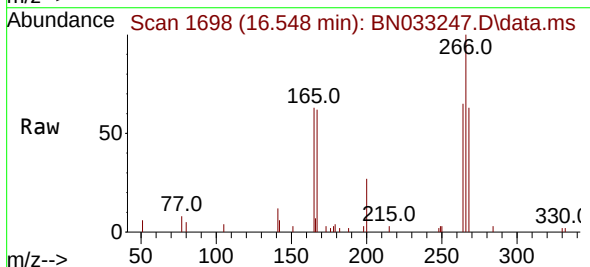
Manual Integrations  
APPROVED

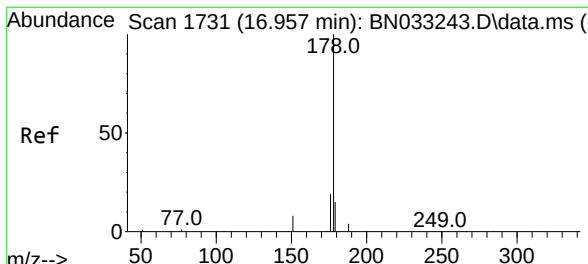
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#24  
Pentachlorophenol  
Concen: 5.878 ng  
RT: 16.548 min Scan# 1698  
Delta R.T. -0.074 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:266 Resp: 6889  
Ion Ratio Lower Upper  
266 100  
264 62.3 49.3 73.9  
268 62.7 50.2 75.2





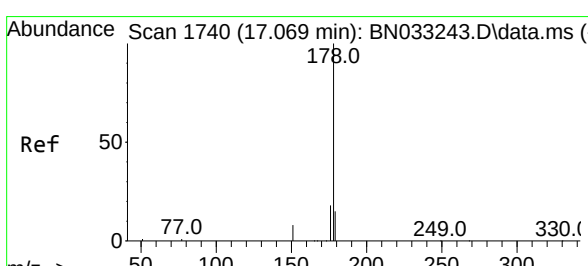
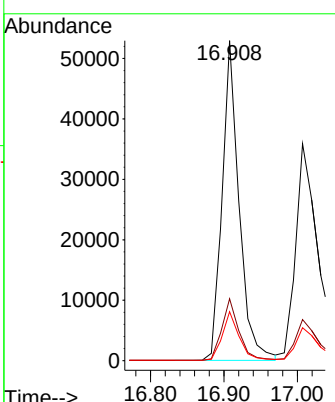
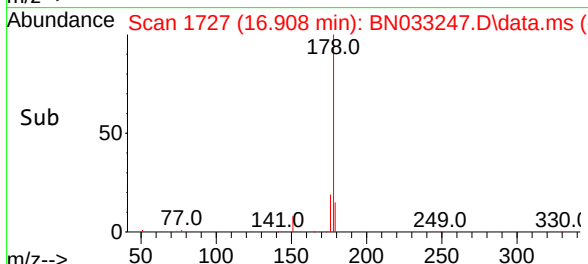
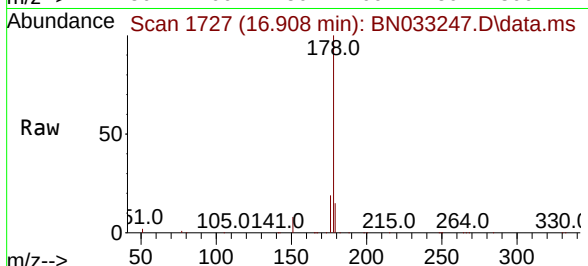
#25  
 Phenanthrene  
 Concen: 4.978 ng  
 RT: 16.908 min Scan# 1731  
 Delta R.T. -0.049 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

Instrument : BNA\_N  
 ClientSampleId : SSTDICC5.0

Tgt Ion:178 Resp: 84692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.4  | 15.7  | 23.5  |
| 179 | 15.2  | 12.4  | 18.6  |

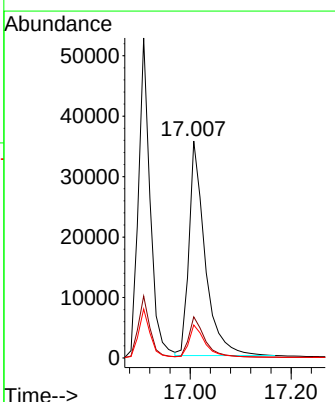
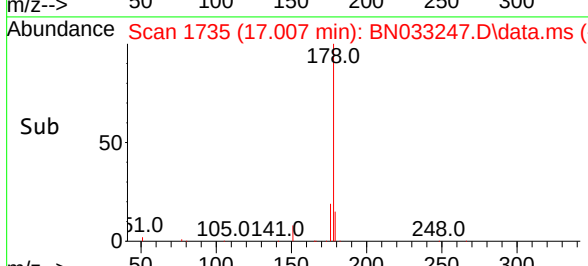
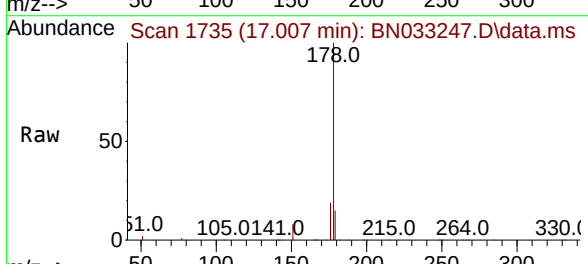
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024

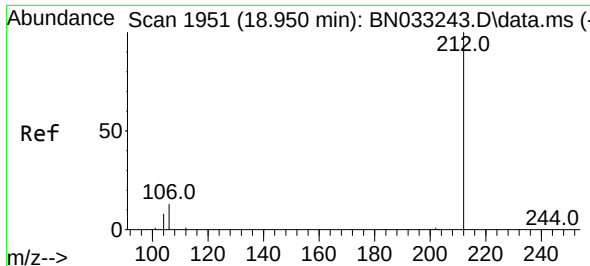


#26  
 Anthracene  
 Concen: 5.491 ng  
 RT: 17.007 min Scan# 1735  
 Delta R.T. -0.062 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

Tgt Ion:178 Resp: 78319

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.8  | 10.5  | 15.7# |
| 179 | 15.1  | 8.6   | 12.8# |





#27  
Fluoranthene-d10  
Concen: 4.904 ng  
RT: 18.918 min Scan# 1944  
Delta R.T. -0.033 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

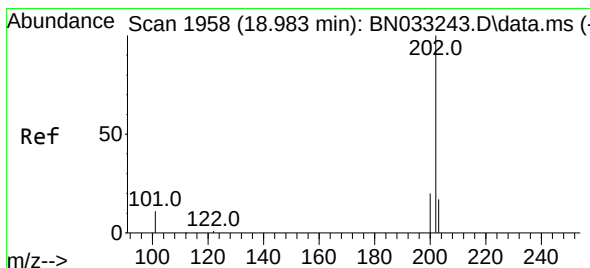
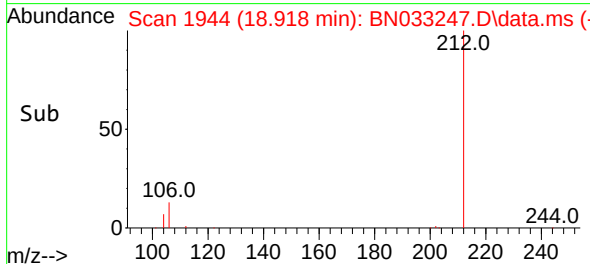
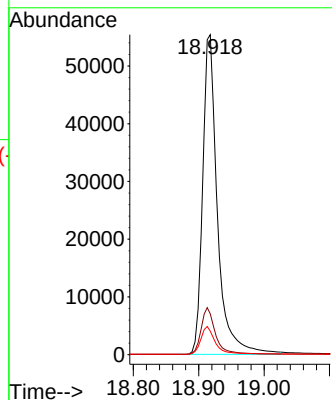
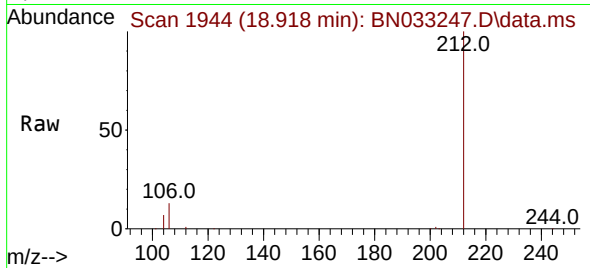
SSTDICC5.0

Tgt Ion:212 Resp: 86795  
Ion Ratio Lower Upper  
212 100  
106 14.3 11.4 17.0  
104 8.5 7.1 10.7

Manual Integrations

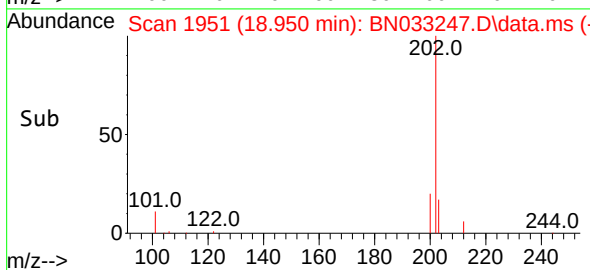
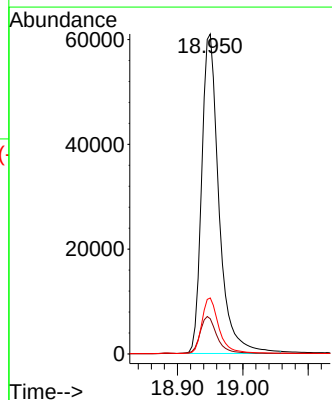
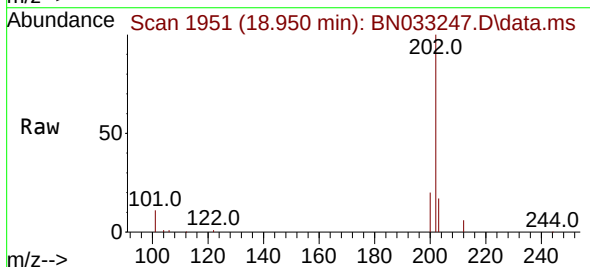
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

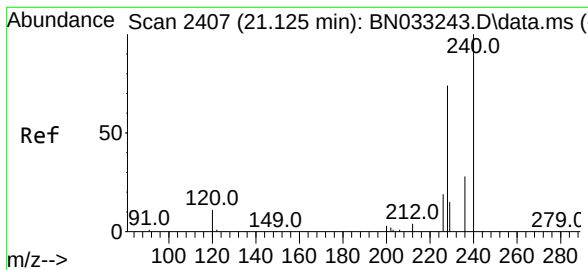


#28  
Fluoranthene  
Concen: 4.809 ng  
RT: 18.950 min Scan# 1951  
Delta R.T. -0.033 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:202 Resp: 112216  
Ion Ratio Lower Upper  
202 100  
101 11.5 8.6 13.0  
203 17.2 13.8 20.8

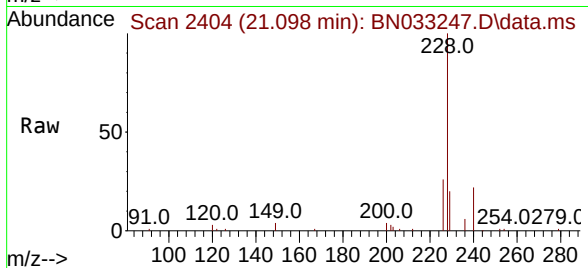






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.098 min Scan# 2404  
Delta R.T. -0.027 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

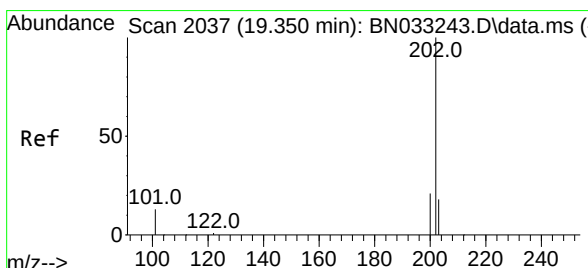
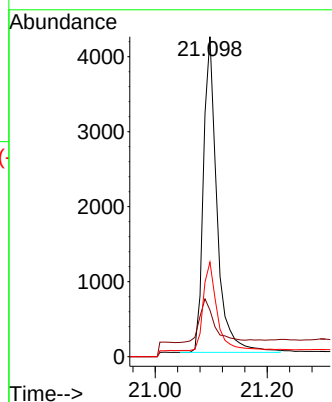
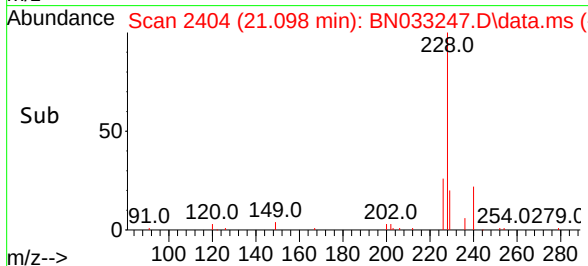
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:240 Resp: 7091  
Ion Ratio Lower Upper  
240 100  
120 14.6 13.3 19.9  
236 29.5 23.8 35.6

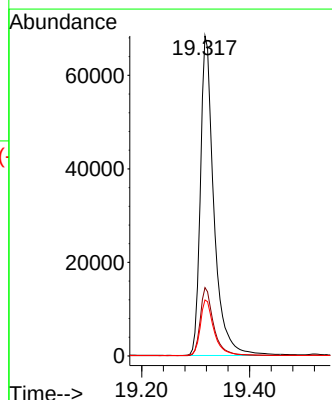
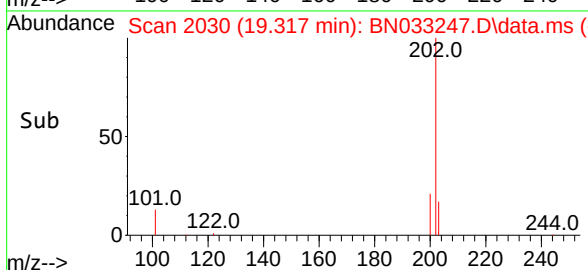
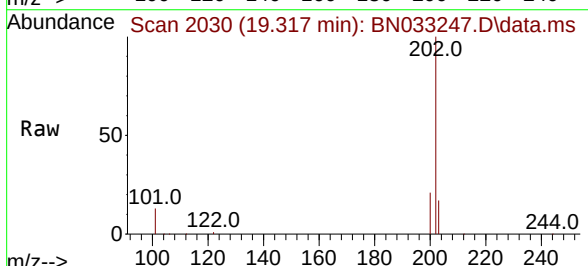
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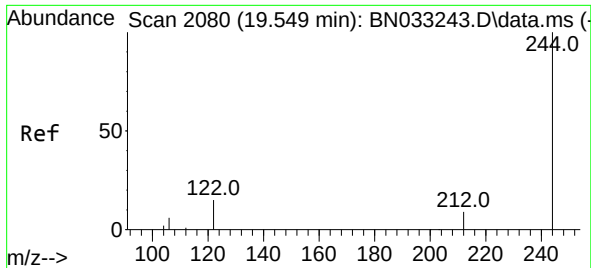
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#30  
Pyrene  
Concen: 4.795 ng  
RT: 19.317 min Scan# 2030  
Delta R.T. -0.033 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Tgt Ion:202 Resp: 118828  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.8 14.4 21.6





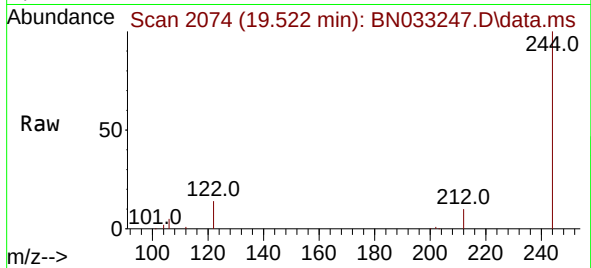
#31  
 Terphenyl-d14  
 Concen: 4.919 ng  
 RT: 19.522 min Scan# 2080  
 Delta R.T. -0.028 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

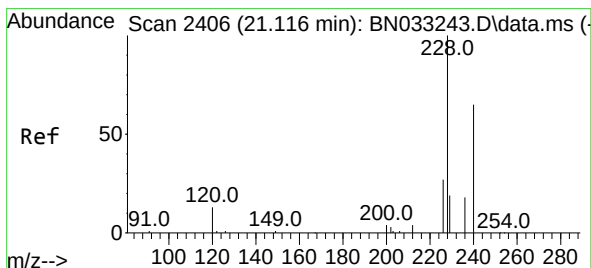
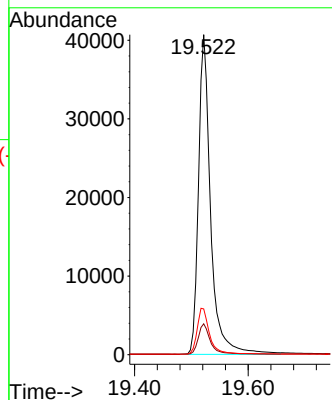
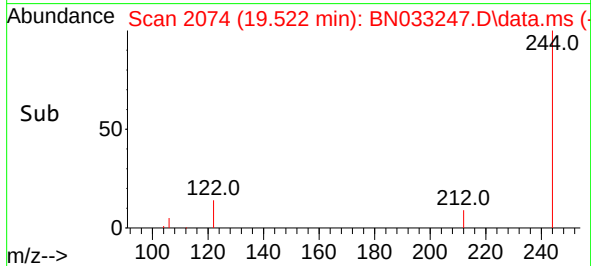


Tgt Ion:244 Resp: 6025  
 Ion Ratio Lower Upper  
 244 100  
 212 9.6 9.9 14.9  
 122 14.3 14.1 21.1

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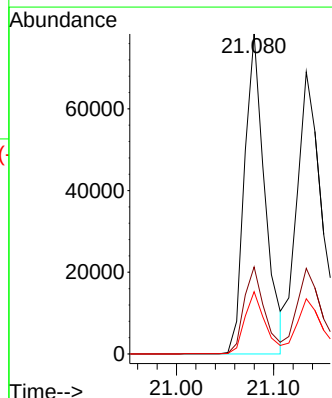
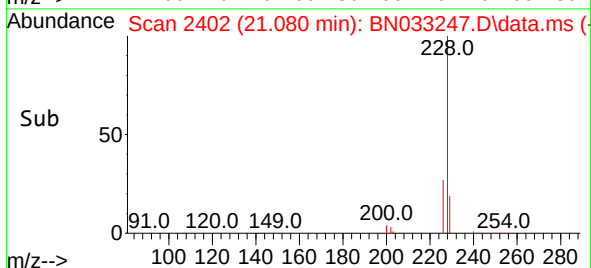
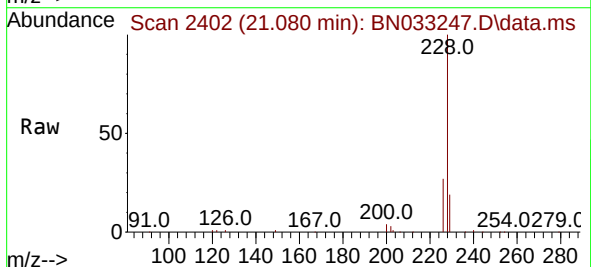
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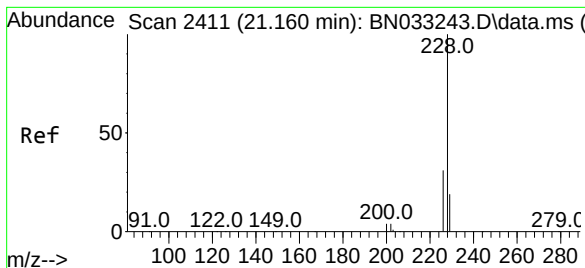
Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024



#32  
 Benzo(a)anthracene  
 Concen: 5.373 ng  
 RT: 21.080 min Scan# 2402  
 Delta R.T. -0.036 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

Tgt Ion:228 Resp: 109718  
 Ion Ratio Lower Upper  
 228 100  
 226 27.2 22.4 33.6  
 229 19.5 16.6 25.0





#33

Chrysene

Concen: 4.696 ng

RT: 21.134 min Scan# 2411

Delta R.T. -0.026 min

Lab File: BN033247.D

Acq: 05 Aug 2024 22:21

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:228 Resp: 12881

Ion Ratio Lower Upper

228 100

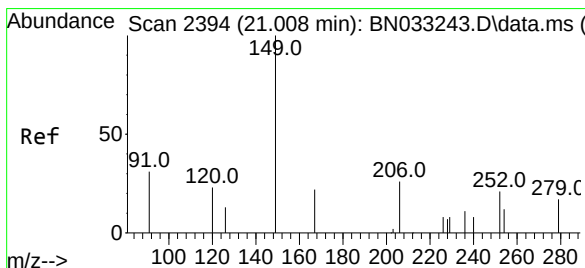
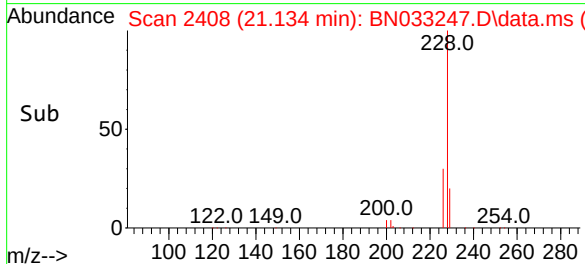
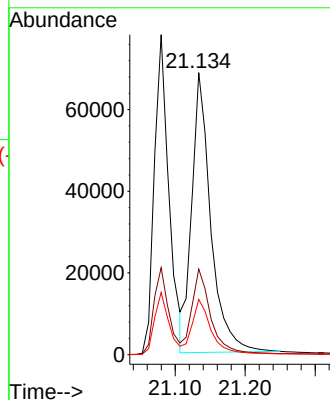
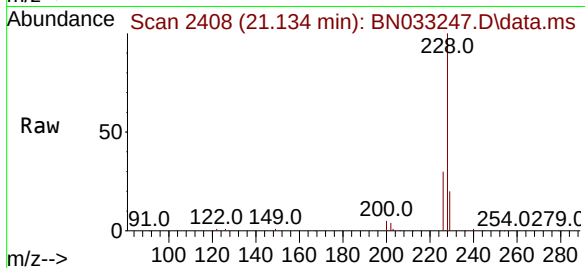
226 30.4 25.1 37.7

229 19.6 16.2 24.2

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Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.446 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BN033247.D

Acq: 05 Aug 2024 22:21

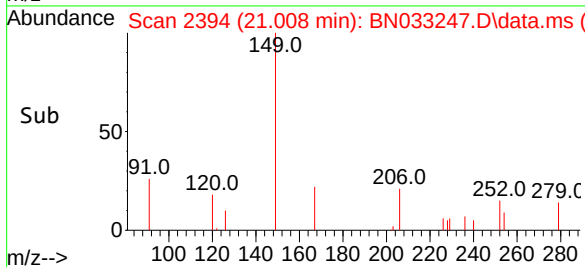
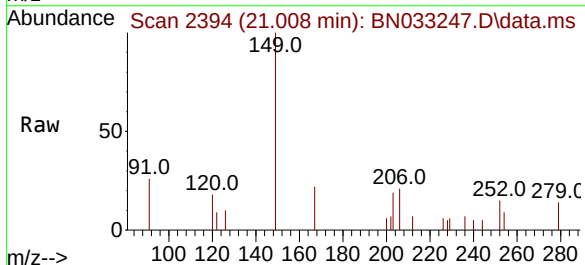
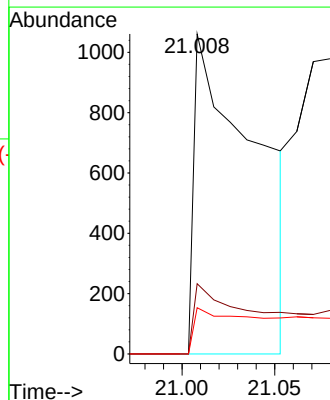
Tgt Ion:149 Resp: 2189

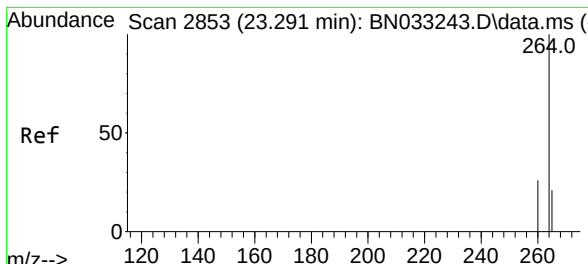
Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.6

279 13.3 8.2 12.4#





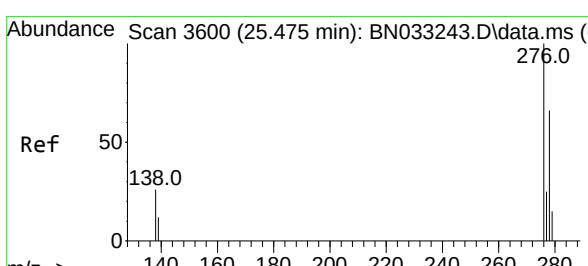
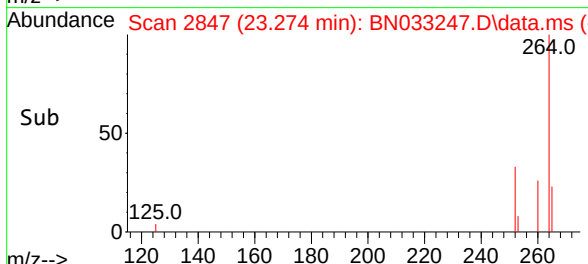
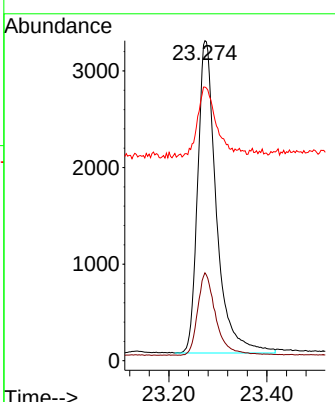
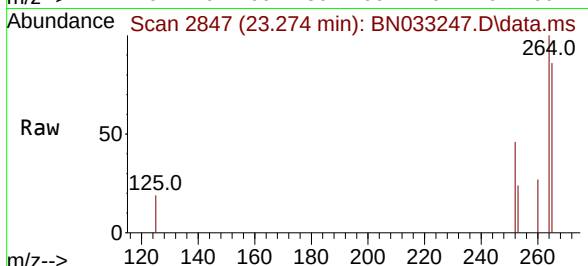
#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.274 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

Instrument : BNA\_N  
 ClientSampleId : SSTDICC5.0

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 855       |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 27.5  | 21.4 32.2 |
| 265         | 85.5  | 66.6 99.8 |

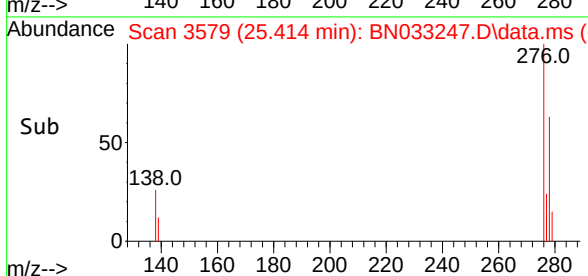
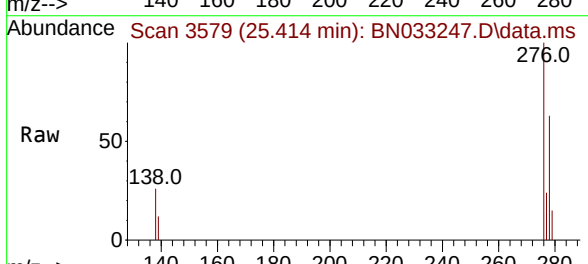
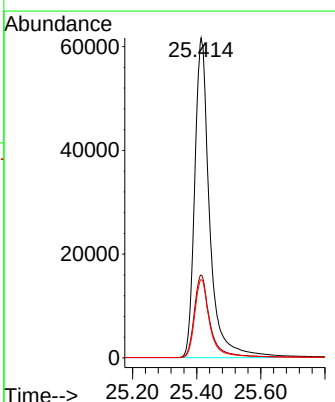
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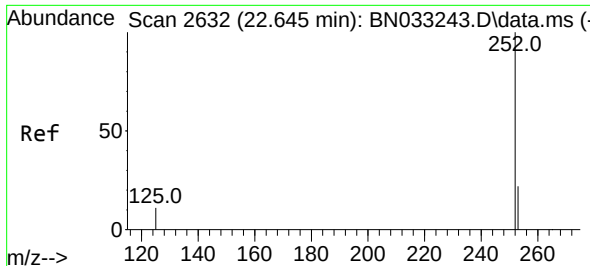
Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 5.156 ng  
 RT: 25.414 min Scan# 3579  
 Delta R.T. -0.061 min  
 Lab File: BN033247.D  
 Acq: 05 Aug 2024 22:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 199441    |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 27.2  | 20.4 30.6 |
| 277         | 24.9  | 19.9 29.9 |





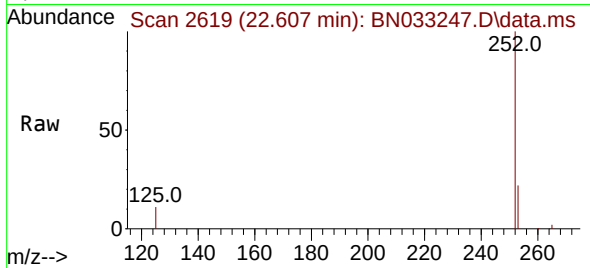
#37  
Benzo(b)fluoranthene  
Concen: 5.358 ng  
RT: 22.607 min Scan# 2619  
Delta R.T. -0.038 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :

BN033247.D

ClientSampleId :

SSTDICC5.0

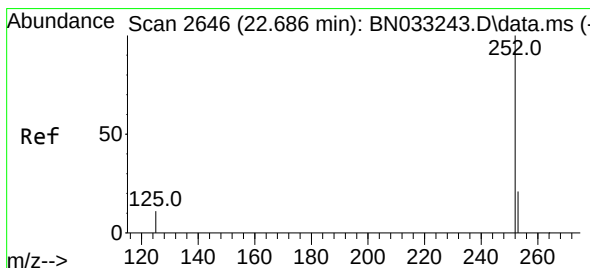
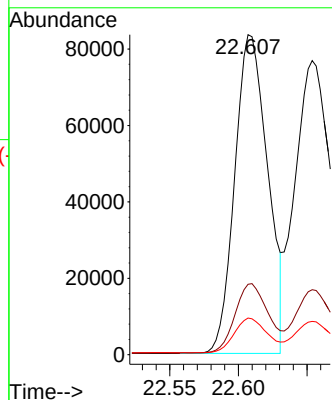
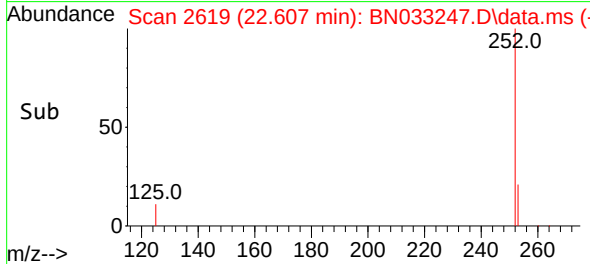


Tgt Ion:252 Resp: 139038  
Ion Ratio Lower Upper  
252 100  
253 22.0 23.3 34.9#  
125 11.5 14.6 22.0#

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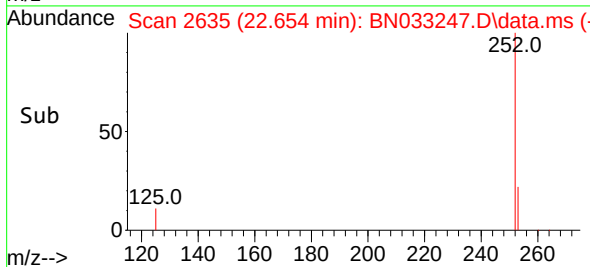
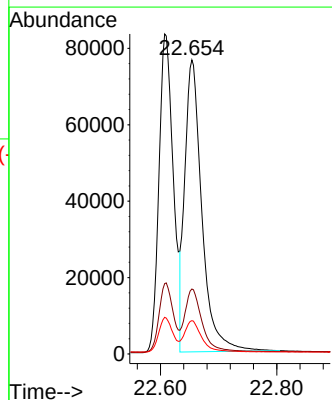
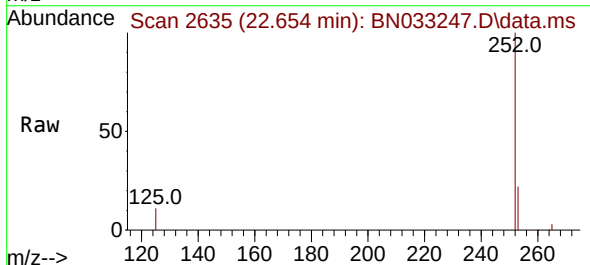
APPROVED

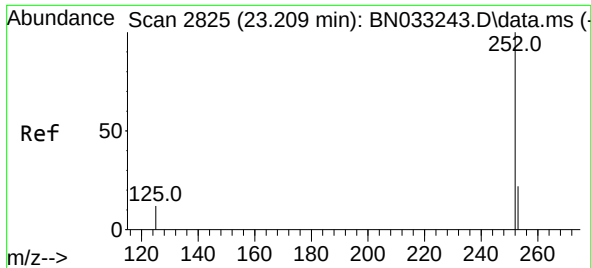
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#38  
Benzo(k)fluoranthene  
Concen: 4.772 ng  
RT: 22.654 min Scan# 2635  
Delta R.T. -0.032 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

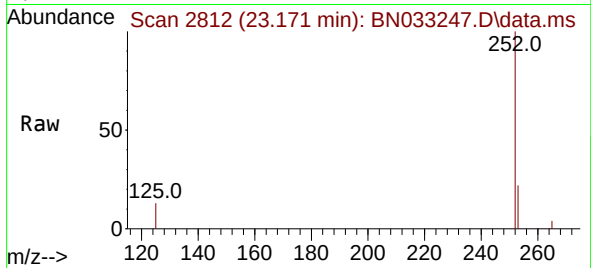
Tgt Ion:252 Resp: 155977  
Ion Ratio Lower Upper  
252 100  
253 22.1 23.7 35.5#  
125 11.3 15.4 23.0#





#39  
Benzo(a)pyrene  
Concen: 5.135 ng  
RT: 23.171 min Scan# 21  
Delta R.T. -0.038 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

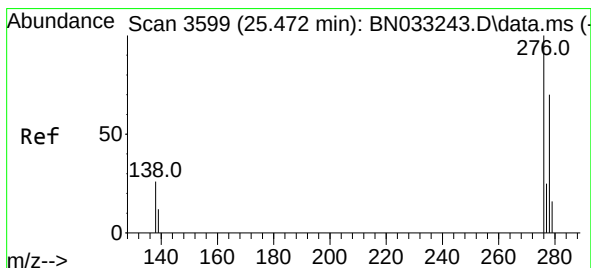
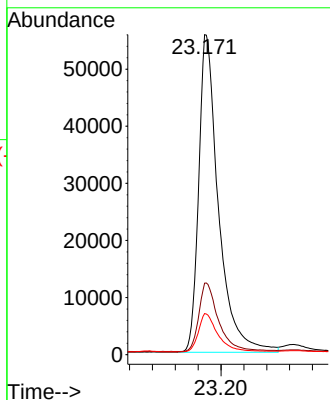
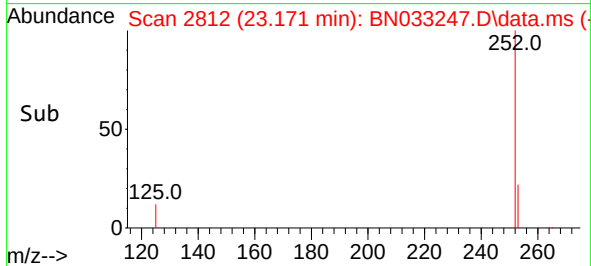
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:252 Resp: 133832  
Ion Ratio Lower Upper  
252 100  
253 22.4 28.4 42.6  
125 12.8 20.1 30.1

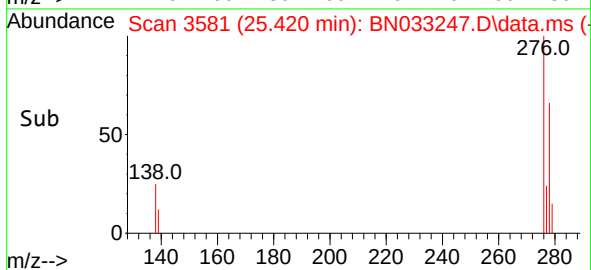
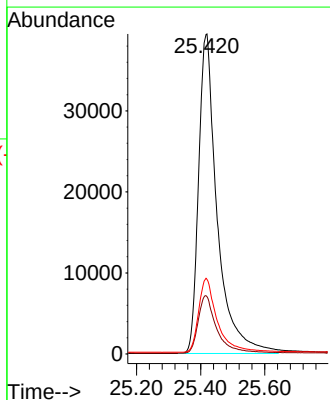
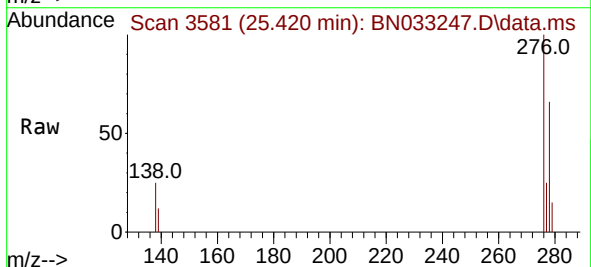
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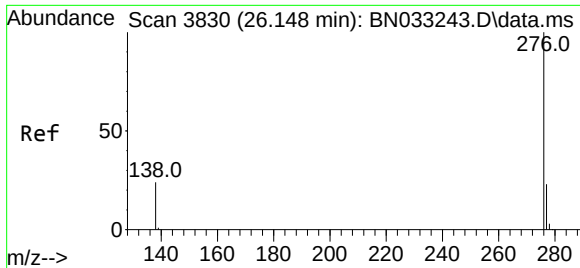
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#40  
Dibenzo(a,h)anthracene  
Concen: 5.208 ng  
RT: 25.420 min Scan# 3581  
Delta R.T. -0.052 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

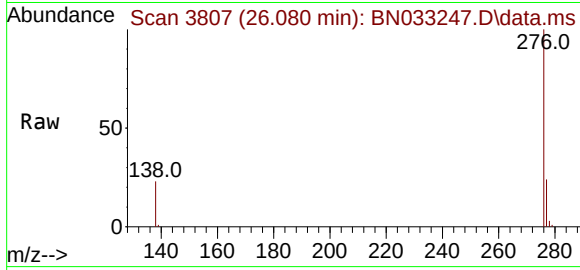
Tgt Ion:278 Resp: 159088  
Ion Ratio Lower Upper  
278 100  
139 17.9 16.7 25.1  
279 23.3 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 4.961 ng  
RT: 26.080 min Scan# 3807  
Delta R.T. -0.067 min  
Lab File: BN033247.D  
Acq: 05 Aug 2024 22:21

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0



Tgt Ion:276 Resp: 17366  
Ion Ratio Lower Upper  
276 100  
277 23.7 21.0 31.4  
138 23.3 21.4 32.0

Manual Integrations  
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Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

