

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040224\  
 Data File : BM044885.D  
 Acq On : 02 Apr 2024 19:52  
 Operator : MA/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM040224

Quant Time: Apr 03 00:31:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 03 00:28:57 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
 Supervised By :mohammad ahmed 04/04/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.646  | 152  | 100589   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.428 | 136  | 433136   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.298 | 164  | 279311   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.057 | 188  | 578345   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.262 | 240  | 594461   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.492 | 264  | 718617   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.257  | 112  | 526498   | 79.024 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.828  | 99   | 699218   | 79.505 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.810  | 82   | 706831   | 80.366 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.798 | 330  | 327776   | 80.305 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.910 | 172  | 1601715  | 77.778 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.704 | 244  | 2749580  | 79.031 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.246  | 88   | 101205   | 39.007 | ng    | 100      |
| 3) Pyridine                   | 3.634  | 79   | 299115   | 39.810 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.558  | 42   | 121485   | 37.212 | ng    | 100      |
| 6) Aniline                    | 6.993  | 93   | 411809   | 39.721 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.216  | 128  | 281605   | 39.581 | ng    | 99       |
| 9) Benzaldehyde               | 6.810  | 77   | 175377   | 39.436 | ng    | 93       |
| 10) Phenol                    | 6.857  | 94   | 344172   | 39.676 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.093  | 93   | 270212   | 38.073 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.534  | 146  | 290168   | 38.836 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.681  | 146  | 294805   | 39.234 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.993  | 146  | 287012   | 38.753 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.898  | 79   | 247167   | 41.009 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.187  | 45   | 316939m  | 38.700 | ng    |          |
| 17) 2-Methylphenol            | 8.093  | 107  | 255643   | 40.481 | ng    | 96       |
| 18) Hexachloroethane          | 8.704  | 117  | 115620   | 39.526 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.463  | 70   | 235118   | 40.057 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.422  | 107  | 353165   | 40.237 | ng    | 98       |
| 22) Acetophenone              | 8.475  | 105  | 449169   | 39.857 | ng    | # 98     |
| 24) Nitrobenzene              | 8.851  | 77   | 346409   | 40.272 | ng    | 100      |
| 25) Isophorone                | 9.375  | 82   | 624828   | 39.940 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.551  | 139  | 165327   | 41.960 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.616  | 122  | 263837   | 40.060 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.857  | 93   | 384649   | 39.818 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.081 | 162  | 271263   | 40.471 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.287 | 180  | 274962   | 39.249 | ng    | 98       |
| 31) Naphthalene               | 10.475 | 128  | 917657   | 39.200 | ng    | 100      |
| 32) Benzoic acid              | 9.769  | 122  | 223563   | 40.569 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.604 | 127  | 418444   | 41.016 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.739 | 225  | 155161   | 38.970 | ng    | 99       |
| 35) Caprolactam               | 11.410 | 113  | 98719    | 40.863 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.728 | 107  | 296675   | 40.857 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.092 | 142  | 656743   | 39.042 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.316 | 142  | 618180   | 38.819 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.463 | 216  | 298306   | 38.929 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.428 | 237  | 167598   | 38.986 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.716 | 196  | 222294   | 40.956 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040224\  
 Data File : BM044885.D  
 Acq On : 02 Apr 2024 19:52  
 Operator : MA/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

## Instrument :

BNA\_M

## ClientSampleId :

ICVBM040224

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
 Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 03 00:31:34 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

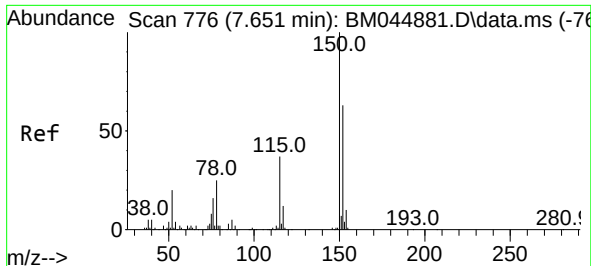
QLast Update : Wed Apr 03 00:28:57 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.786 | 196  | 262774   | 40.359 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.122 | 154  | 821068   | 39.276 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.163 | 162  | 622312   | 39.189 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.386 | 65   | 207255   | 41.269 | ng    | 99       |
| 49) Acenaphthylene            | 14.016 | 152  | 1041780  | 39.419 | ng    | 99       |
| 50) Dimethylphthalate         | 13.775 | 163  | 855356   | 38.823 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.898 | 165  | 185323   | 40.043 | ng    | 98       |
| 52) Acenaphthene              | 14.363 | 154  | 623130   | 39.116 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.227 | 138  | 213772   | 41.102 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.439 | 184  | 109436   | 38.409 | ng    | 97       |
| 55) Dibenzofuran              | 14.698 | 168  | 1022035  | 38.915 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.539 | 139  | 170970   | 40.669 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.692 | 165  | 261717   | 40.434 | ng    | 100      |
| 58) Fluorene                  | 15.357 | 166  | 827680   | 38.887 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.927 | 232  | 217658   | 40.263 | ng    | 100      |
| 60) Diethylphthalate          | 15.145 | 149  | 893433   | 39.434 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.357 | 204  | 392146   | 37.980 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.398 | 138  | 205771   | 42.587 | ng    | 98       |
| 63) Azobenzene                | 15.651 | 77   | 873033   | 39.954 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 198  | 149843   | 40.894 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.574 | 169  | 708687   | 40.497 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.251 | 248  | 243600   | 39.470 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.351 | 284  | 281864   | 39.373 | ng    | 99       |
| 69) Atrazine                  | 16.539 | 200  | 234310   | 41.282 | ng    | 98       |
| 70) Pentachlorophenol         | 16.704 | 266  | 210271   | 40.572 | ng    | 99       |
| 71) Phenanthrene              | 17.098 | 178  | 1268594  | 39.462 | ng    | 99       |
| 72) Anthracene                | 17.192 | 178  | 1305293  | 40.103 | ng    | 99       |
| 73) Carbazole                 | 17.468 | 167  | 1240088  | 40.472 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.039 | 149  | 1625173  | 41.198 | ng    | 99       |
| 75) Fluoranthene              | 19.127 | 202  | 1507411  | 39.625 | ng    | 99       |
| 77) Benzidine                 | 19.327 | 184  | 510082   | 45.977 | ng    | 99       |
| 78) Pyrene                    | 19.492 | 202  | 1605371  | 40.557 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.409 | 149  | 764047   | 41.828 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.245 | 228  | 1635812  | 39.882 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.192 | 252  | 616390   | 40.700 | ng    | 99       |
| 83) Chrysene                  | 21.298 | 228  | 1549233  | 39.799 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 1206875  | 41.363 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.074 | 149  | 2054356  | 42.306 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.744 | 276  | 2115222  | 39.229 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.821 | 252  | 1667263  | 39.129 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.868 | 252  | 1720351  | 40.657 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.397 | 252  | 1654412  | 40.087 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.756 | 278  | 1790619  | 39.437 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.427 | 276  | 1723127  | 39.506 | ng    | 99       |

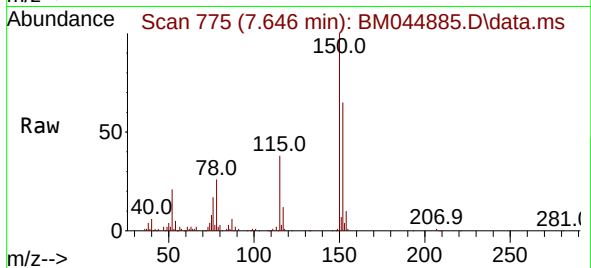
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.646 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

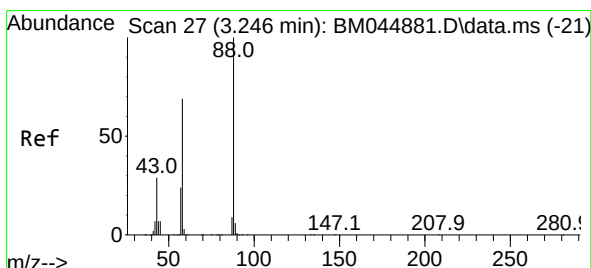
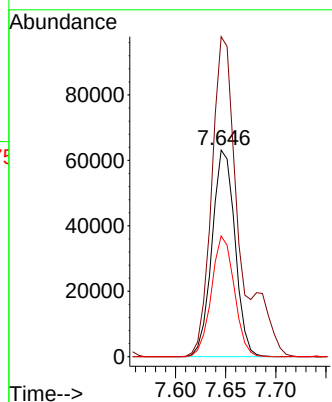
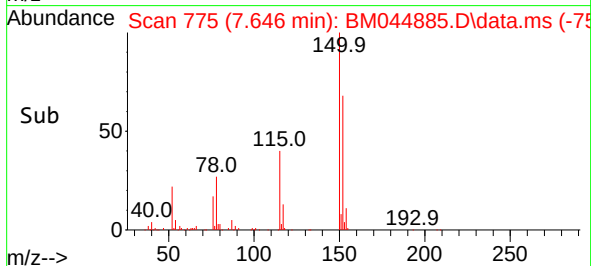
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion: 152 Resp: 100589  
Ion Ratio Lower Upper  
152 100  
150 155.0 126.5 189.7  
115 58.5 47.3 70.9

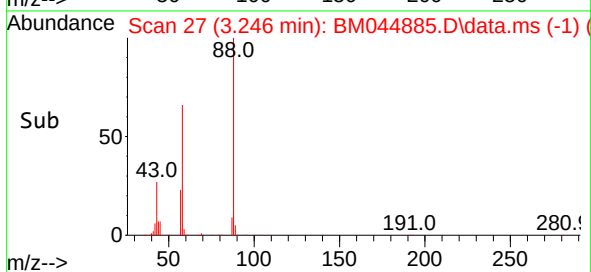
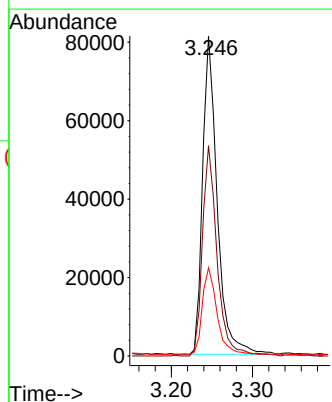
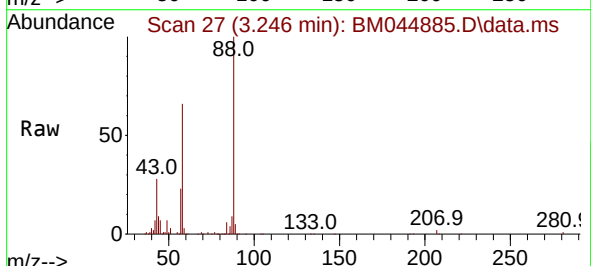
Manual Integrations  
APPROVED

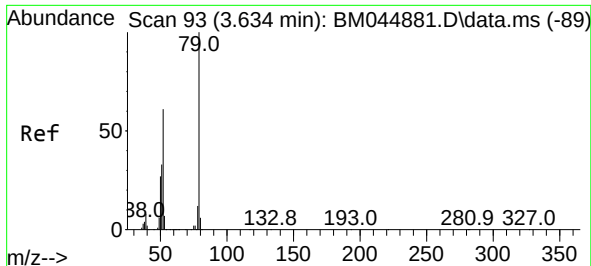
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#2  
1,4-Dioxane  
Concen: 39.007 ng  
RT: 3.246 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

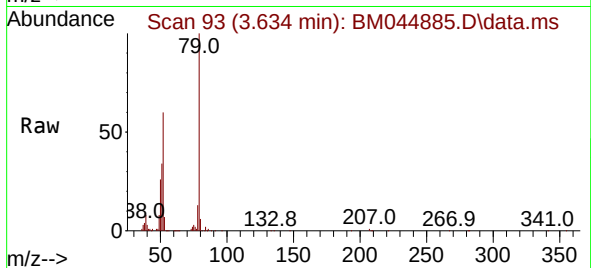
Tgt Ion: 88 Resp: 101205  
Ion Ratio Lower Upper  
88 100  
58 66.4 52.9 79.3  
43 27.8 22.1 33.1





#3  
Pyridine  
Concen: 39.810 ng  
RT: 3.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

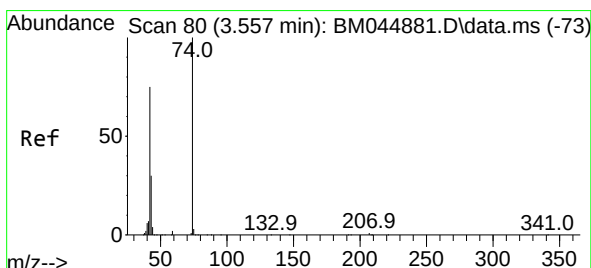
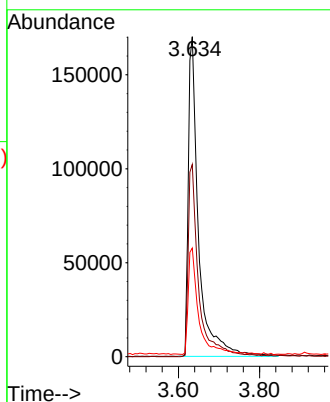
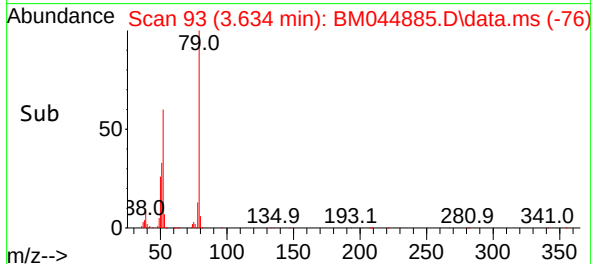
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion: 79 Resp: 299115  
Ion Ratio Lower Upper  
79 100  
52 60.1 48.8 73.2  
51 34.0 27.3 40.9

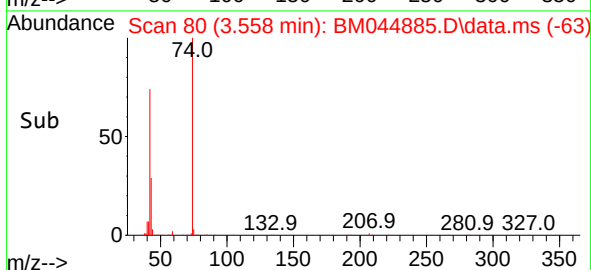
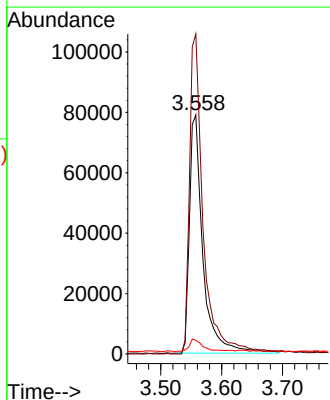
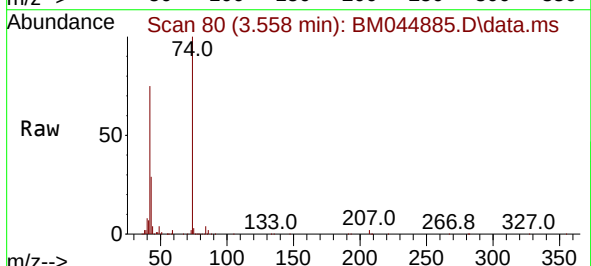
Manual Integrations  
APPROVED

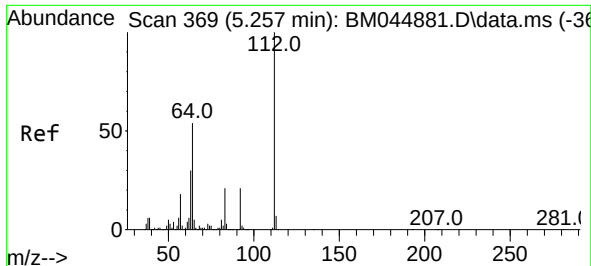
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#4  
n-Nitrosodimethylamine  
Concen: 37.212 ng  
RT: 3.558 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion: 42 Resp: 121485  
Ion Ratio Lower Upper  
42 100  
74 133.9 107.1 160.7  
44 5.7 4.8 7.2





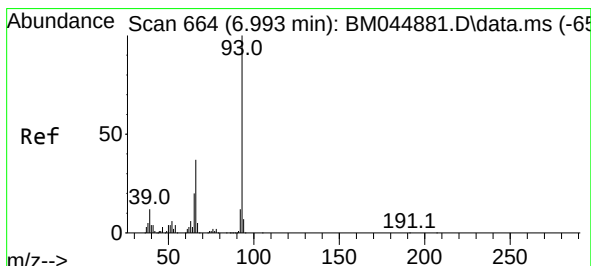
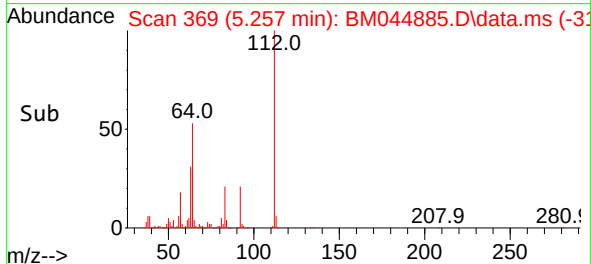
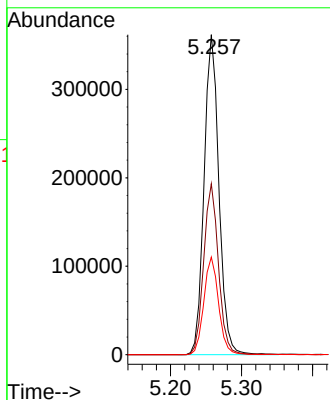
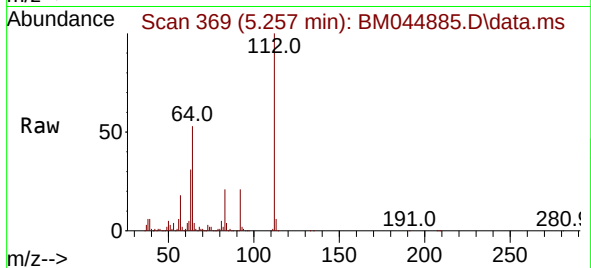
#5  
2-Fluorophenol  
Concen: 79.024 ng  
RT: 5.257 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224

Tgt Ion: 112 Resp: 526498  
Ion Ratio Lower Upper  
112 100  
64 53.4 43.0 64.4  
63 30.5 24.3 36.5

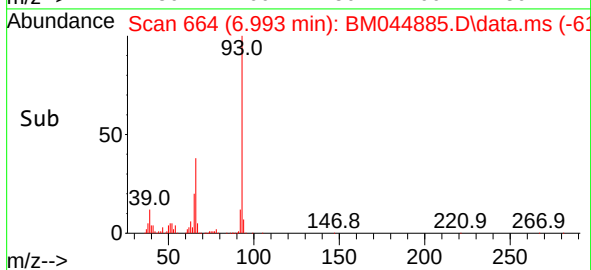
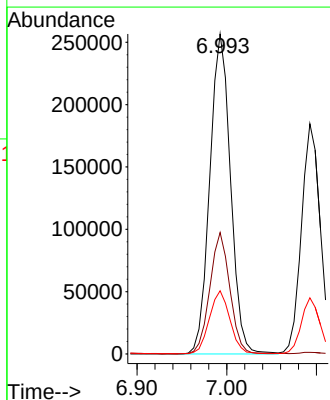
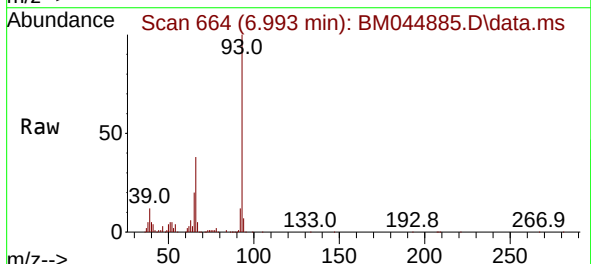
Manual Integrations  
APPROVED

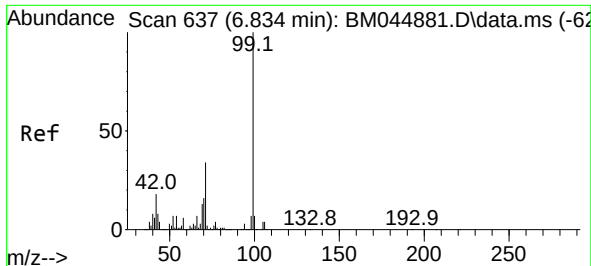
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#6  
Aniline  
Concen: 39.721 ng  
RT: 6.993 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

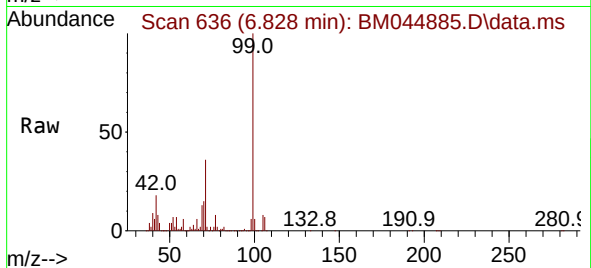
Tgt Ion: 93 Resp: 411809  
Ion Ratio Lower Upper  
93 100  
66 38.0 29.3 43.9  
65 19.7 16.2 24.4





#7  
Phenol-d6  
Concen: 79.505 ng  
RT: 6.828 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

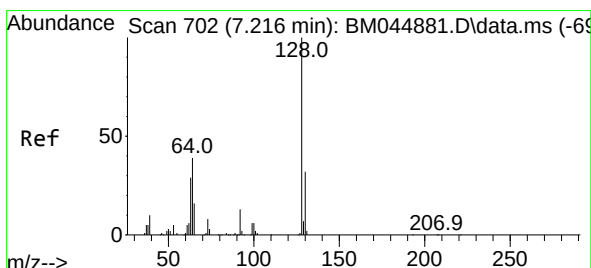
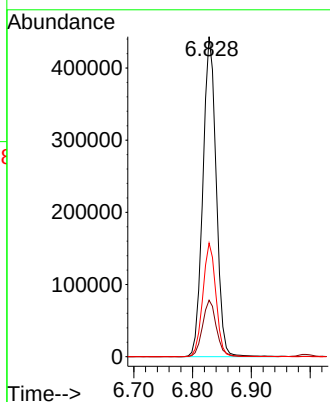
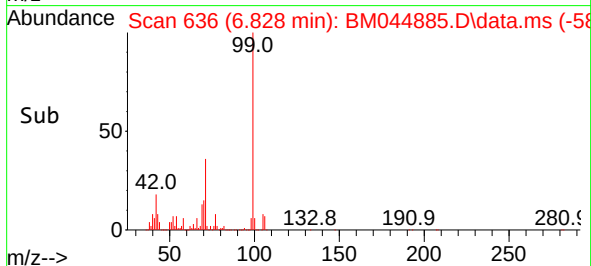
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion: 99 Resp: 699218  
Ion Ratio Lower Upper  
99 100  
42 17.6 14.2 21.4  
71 35.5 27.5 41.3

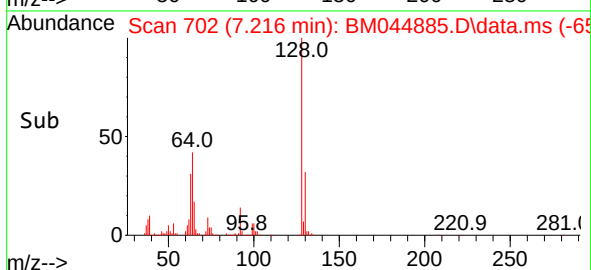
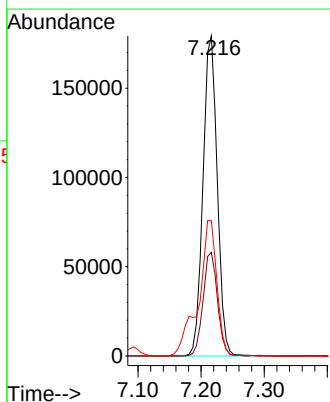
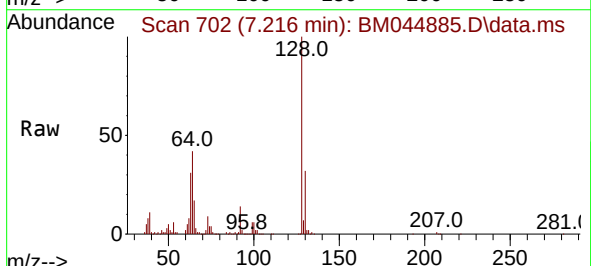
Manual Integrations  
APPROVED

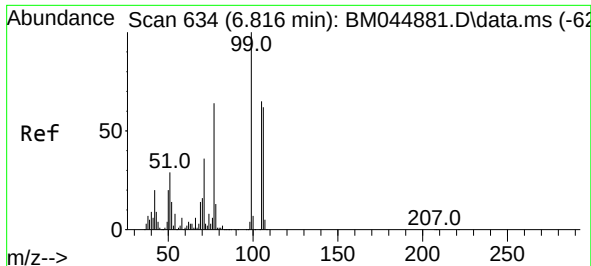
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#8  
2-Chlorophenol  
Concen: 39.581 ng  
RT: 7.216 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

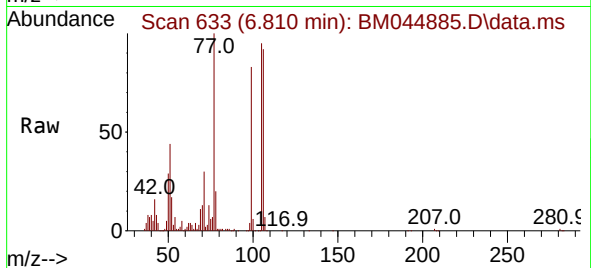
Tgt Ion:128 Resp: 281605  
Ion Ratio Lower Upper  
128 100  
130 32.3 11.9 51.9  
64 42.3 22.9 62.9





#9  
Benzaldehyde  
Concen: 39.436 ng  
RT: 6.810 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

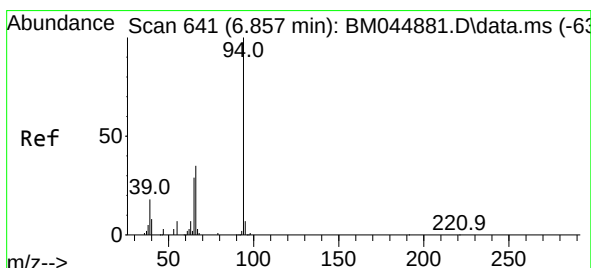
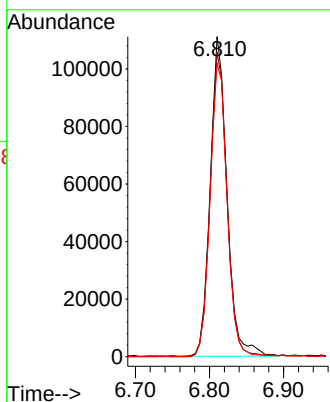
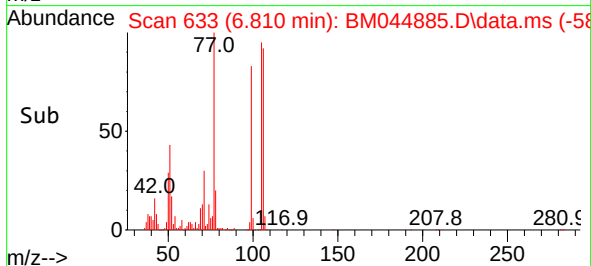
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion: 77 Resp: 17537  
Ion Ratio Lower Upper  
77 100  
105 95.0 82.4 122.4  
106 91.6 77.4 117.4

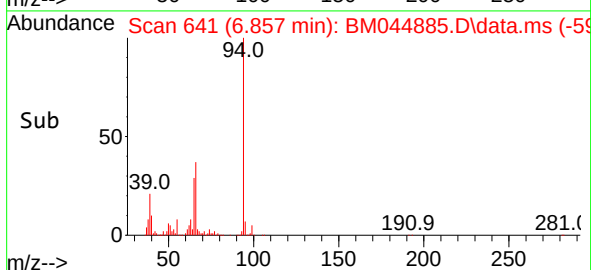
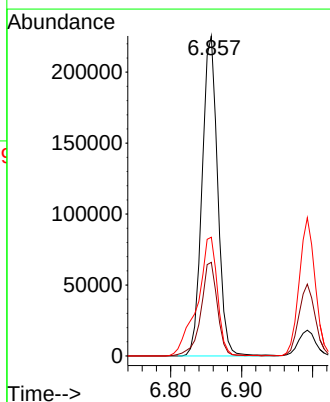
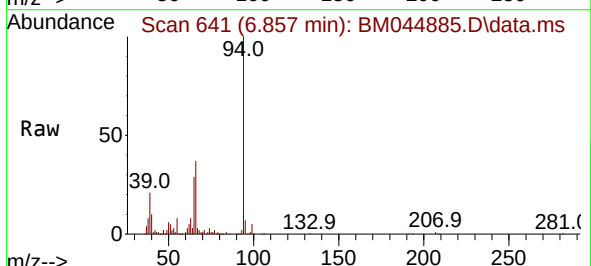
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

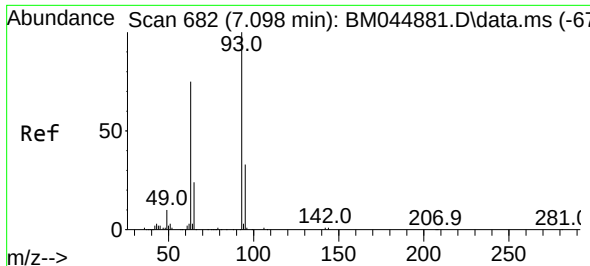


#10  
Phenol  
Concen: 39.676 ng  
RT: 6.857 min Scan# 641  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion: 94 Resp: 344172  
Ion Ratio Lower Upper  
94 100  
65 29.2 9.2 49.2  
66 37.1 16.4 56.4







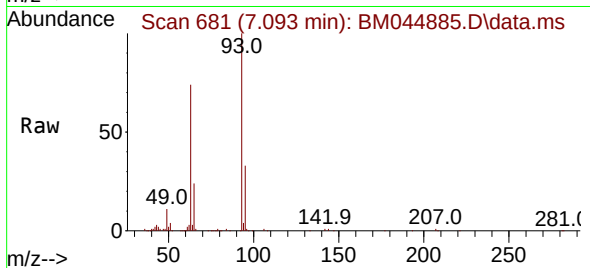
#11  
bis(2-Chloroethyl)ether  
Concen: 38.073 ng  
RT: 7.093 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

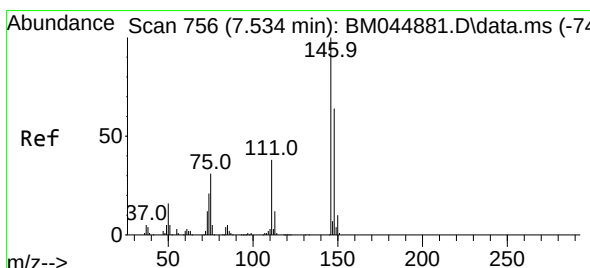
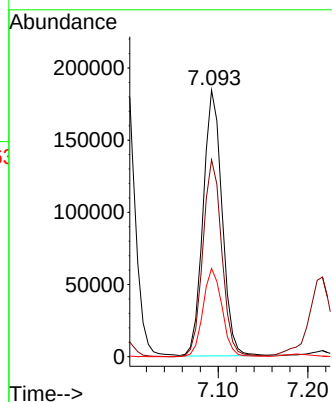
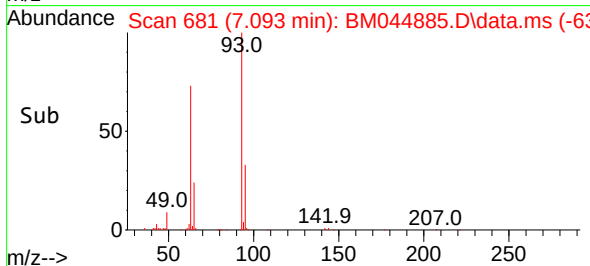


Tgt Ion: 93 Resp: 27021  
Ion Ratio Lower Upper  
93 100  
63 73.9 54.2 94.2  
95 33.1 12.9 52.9

Manual Integrations

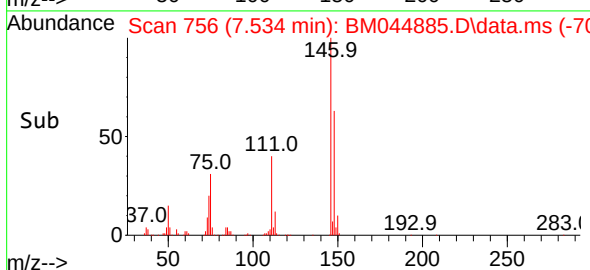
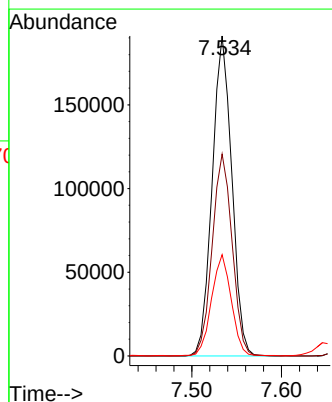
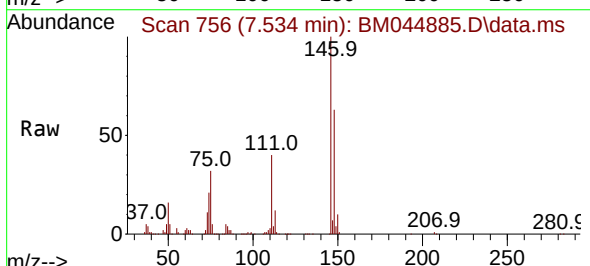
APPROVED

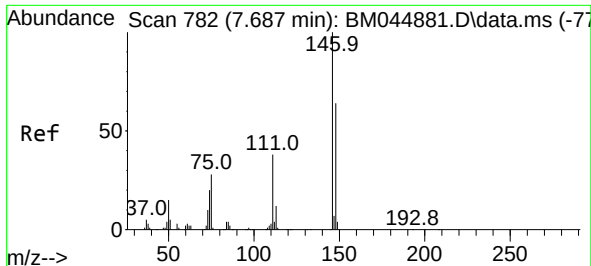
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#12  
1,3-Dichlorobenzene  
Concen: 38.836 ng  
RT: 7.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

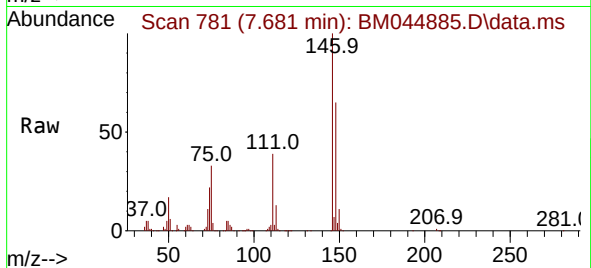
Tgt Ion:146 Resp: 290168  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.2 76.8  
75 31.7 24.4 36.6





#13  
1,4-Dichlorobenzene  
Concen: 39.234 ng  
RT: 7.681 min Scan# 781  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

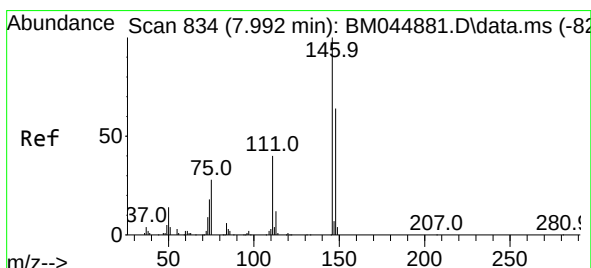
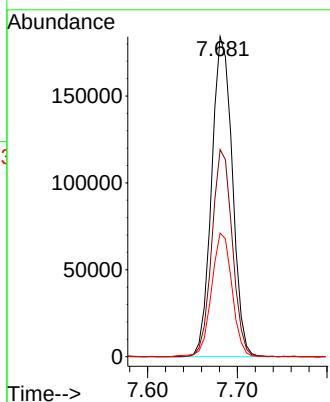
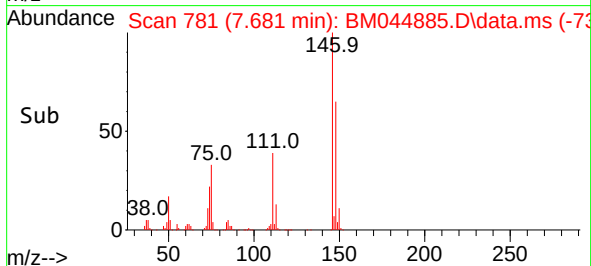
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



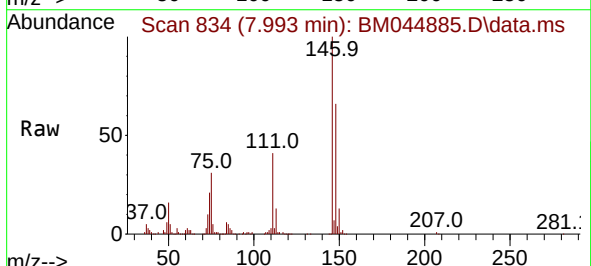
Tgt Ion:146 Resp: 29480  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.0 76.4  
111 38.7 30.4 45.6

Manual Integrations  
APPROVED

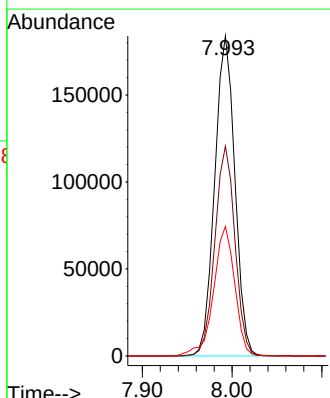
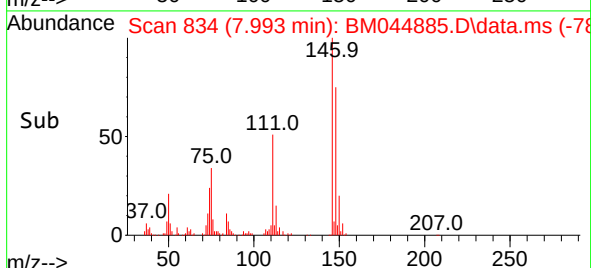
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

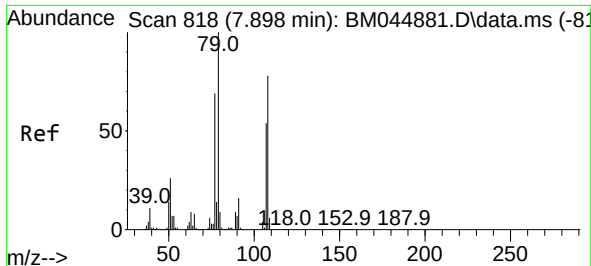


#14  
1,2-Dichlorobenzene  
Concen: 38.753 ng  
RT: 7.993 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



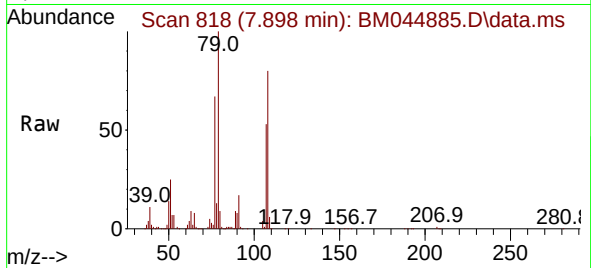
Tgt Ion:146 Resp: 287012  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.0 76.6  
111 40.5 32.2 48.4





#15  
Benzyl Alcohol  
Concen: 41.009 ng  
RT: 7.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

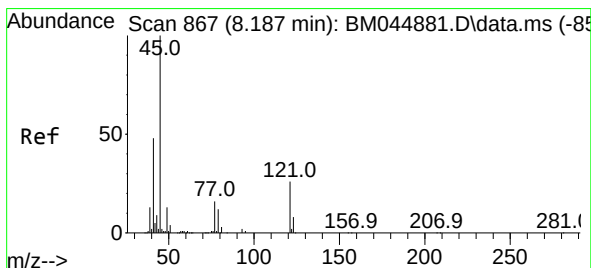
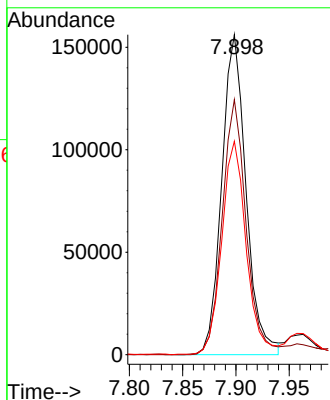
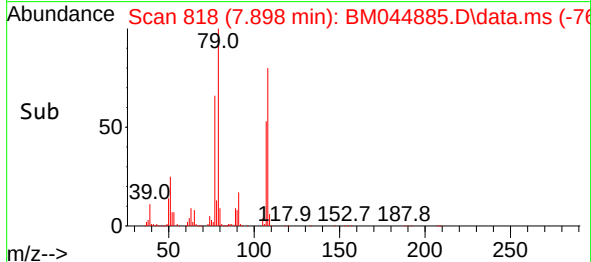
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



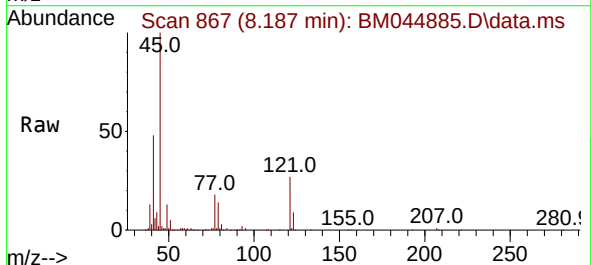
Tgt Ion: 79 Resp: 24716  
Ion Ratio Lower Upper  
79 100  
108 79.7 62.7 94.1  
77 66.7 55.0 82.6

Manual Integrations  
APPROVED

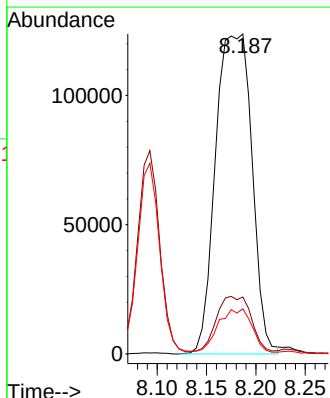
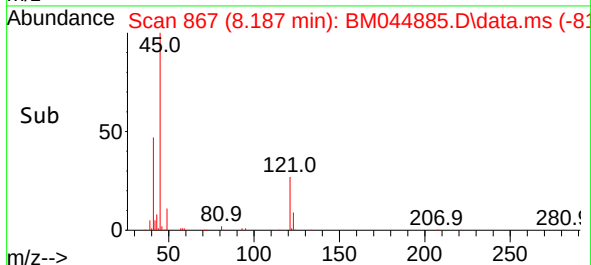
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

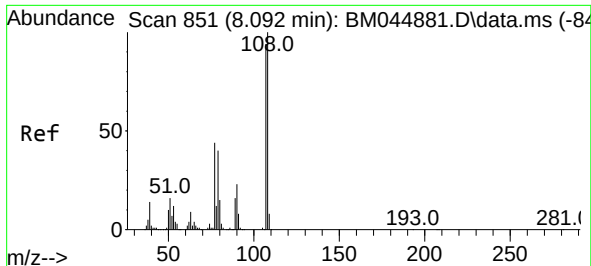


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.700 ng m  
RT: 8.187 min Scan# 867  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



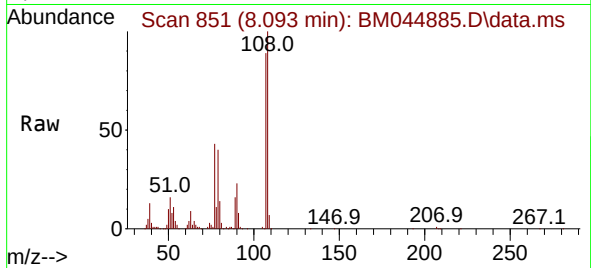
Tgt Ion: 45 Resp: 316939  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 36.7  
79 14.1 0.0 32.7





#17  
2-Methylphenol  
Concen: 40.481 ng  
RT: 8.093 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

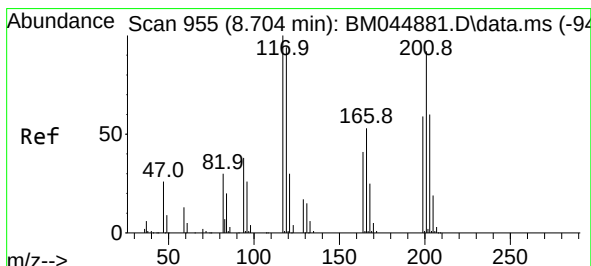
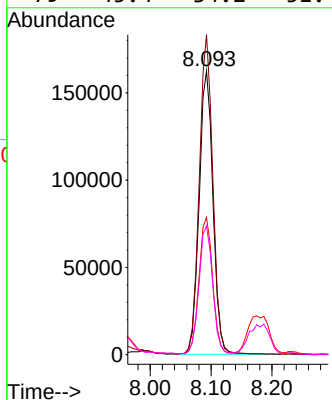
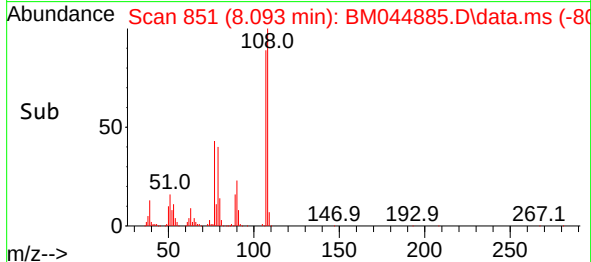
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:107 Resp: 25564  
Ion Ratio Lower Upper  
107 100  
108 112.8 85.5 128.3  
77 48.4 38.2 57.4  
79 45.4 34.2 51.4

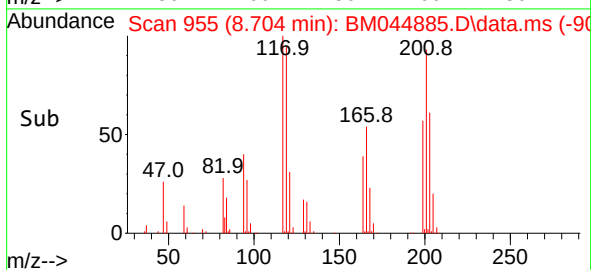
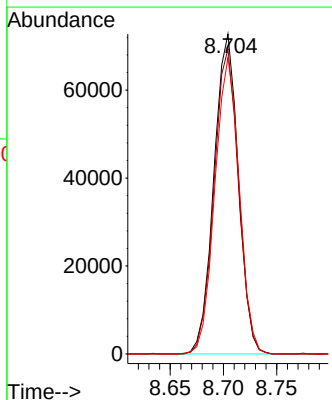
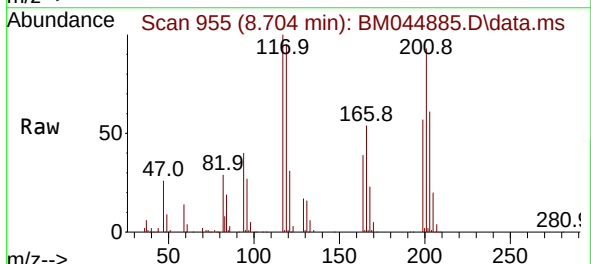
Manual Integrations  
APPROVED

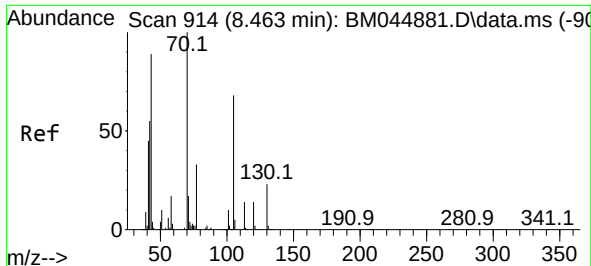
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#18  
Hexachloroethane  
Concen: 39.526 ng  
RT: 8.704 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:117 Resp: 115620  
Ion Ratio Lower Upper  
117 100  
119 95.4 75.0 112.6  
201 92.6 73.2 109.8





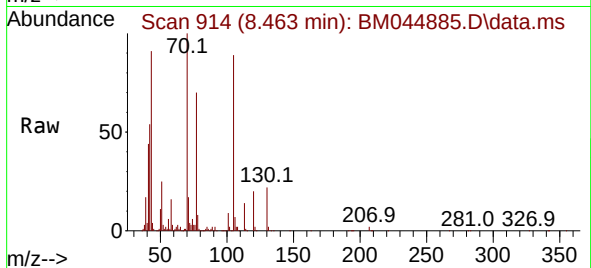
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.057 ng  
RT: 8.463 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

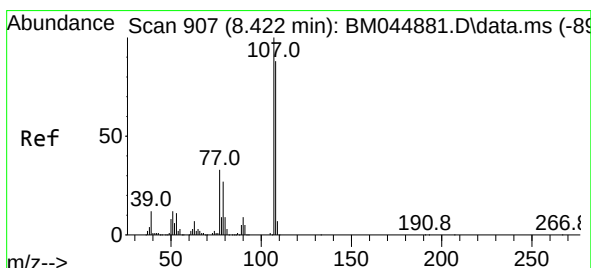
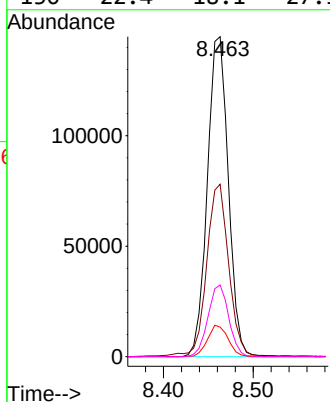
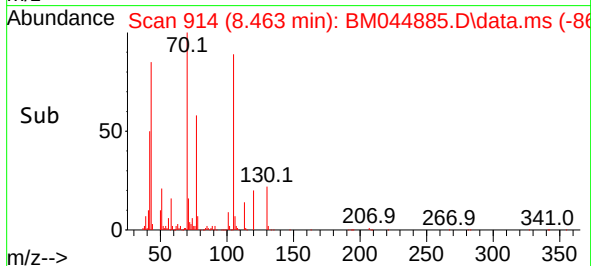


Tgt Ion: 70 Resp: 235118  
Ion Ratio Lower Upper  
70 100  
42 53.9 44.8 67.2  
101 9.2 8.2 12.2  
130 22.4 18.1 27.1

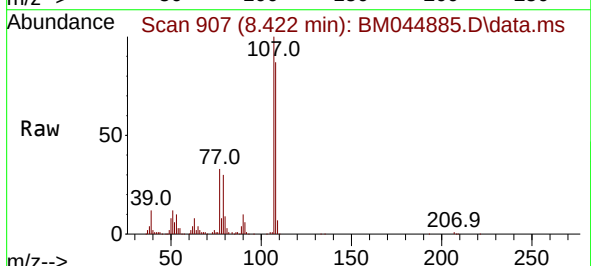
Manual Integrations

APPROVED

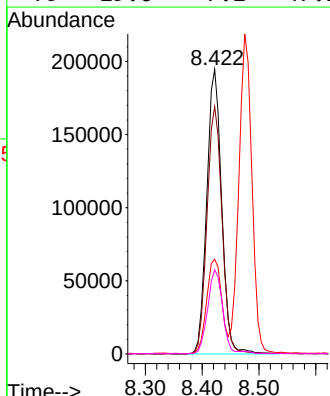
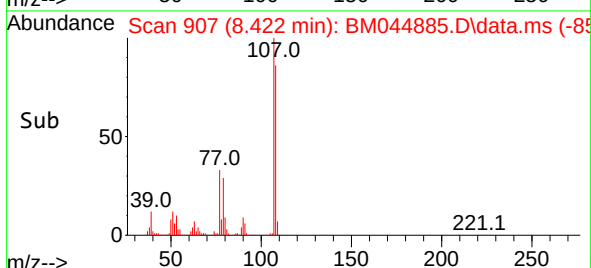
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

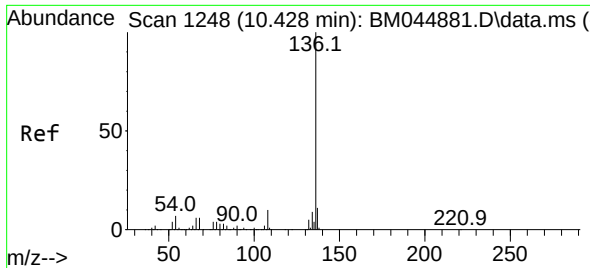


#20  
3+4-Methylphenols  
Concen: 40.237 ng  
RT: 8.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



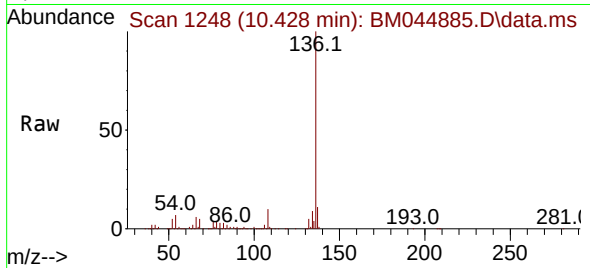
Tgt Ion:107 Resp: 353165  
Ion Ratio Lower Upper  
107 100  
108 86.9 68.1 108.1  
77 33.3 13.3 53.3  
79 29.6 7.2 47.2





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

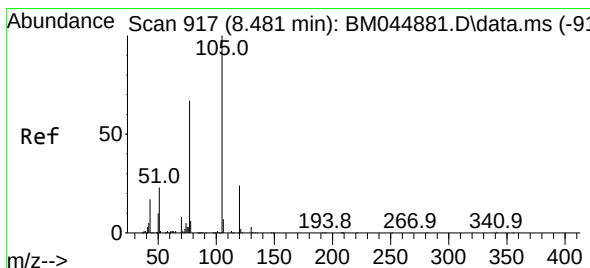
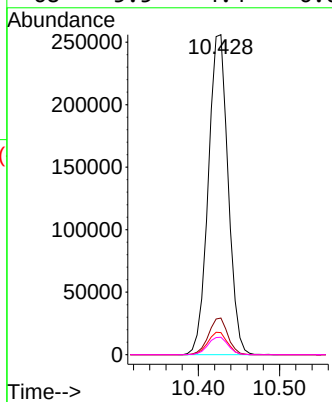
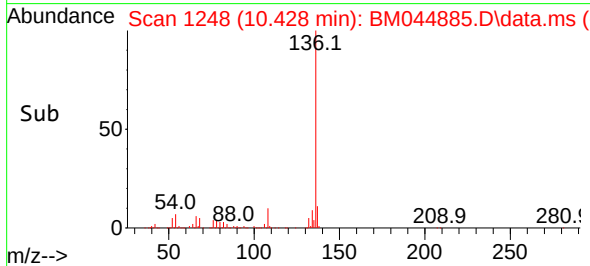
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:136 Resp: 433130  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.7 13.1  
54 6.9 5.9 8.9  
68 5.5 4.4 6.6

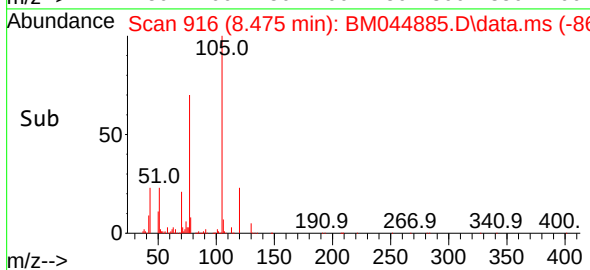
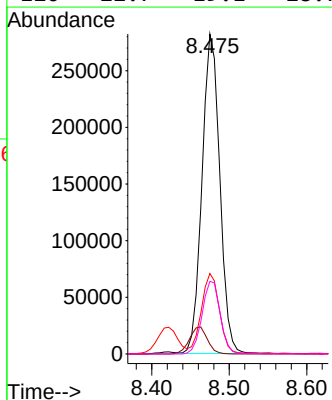
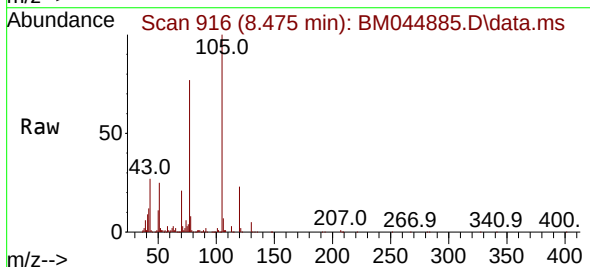
Manual Integrations  
APPROVED

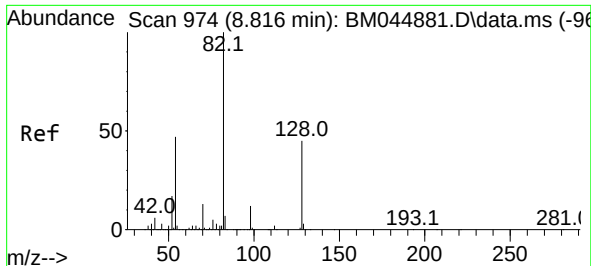
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#22  
Acetophenone  
Concen: 39.857 ng  
RT: 8.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:105 Resp: 449169  
Ion Ratio Lower Upper  
105 100  
71 3.1 1.6 2.4#  
51 25.1 20.8 31.2  
120 22.7 19.1 28.7





#23

Nitrobenzene-d5

Concen: 80.366 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

Tgt Ion: 82 Resp: 70683

Ion Ratio Lower Upper

82 100

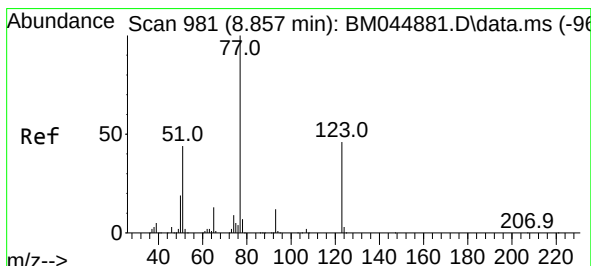
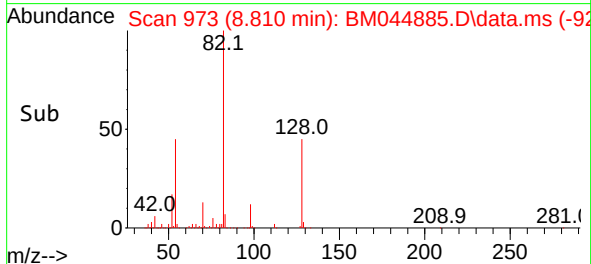
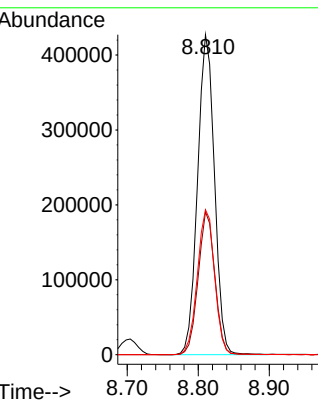
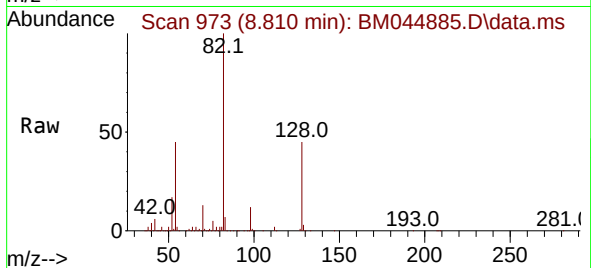
128 44.7 36.2 54.4

54 45.3 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#24

Nitrobenzene

Concen: 40.272 ng

RT: 8.851 min Scan# 980

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

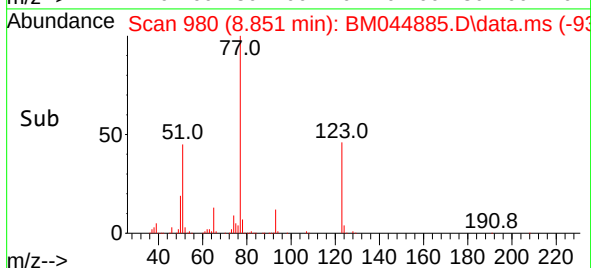
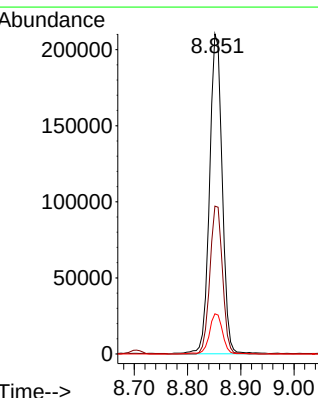
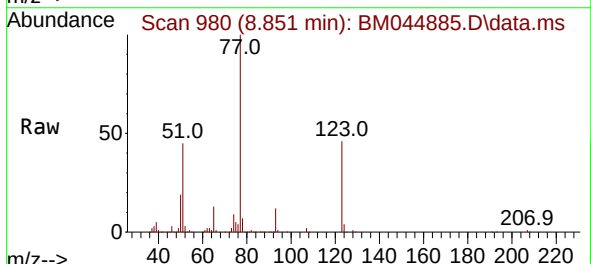
Tgt Ion: 77 Resp: 346409

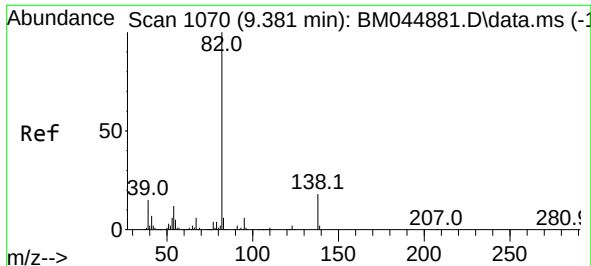
Ion Ratio Lower Upper

77 100

123 46.2 37.0 55.6

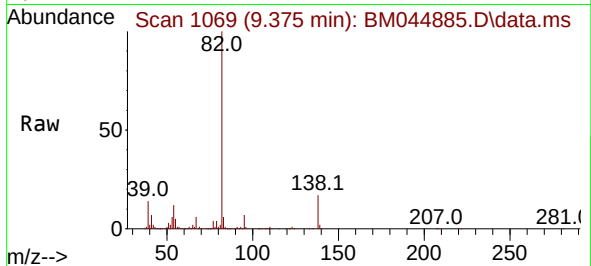
65 12.6 10.3 15.5





#25  
Isophorone  
Concen: 39.940 ng  
RT: 9.375 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

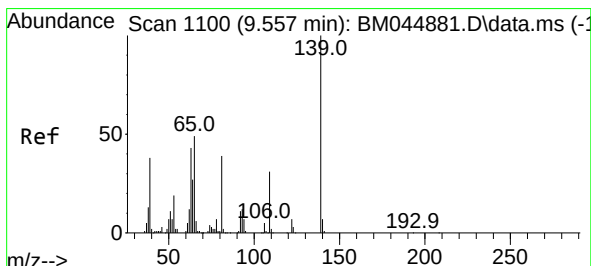
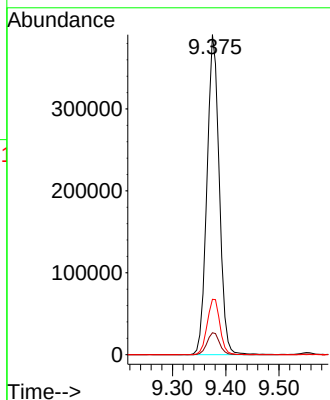
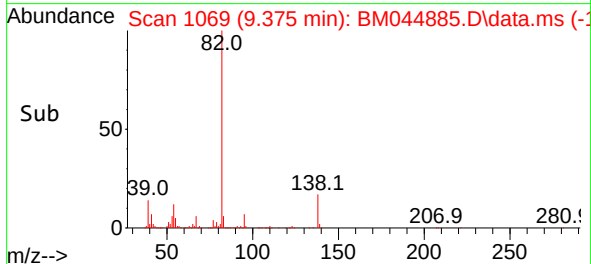
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion: 82 Resp: 624828  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.2 7.8  
138 17.3 14.6 21.8

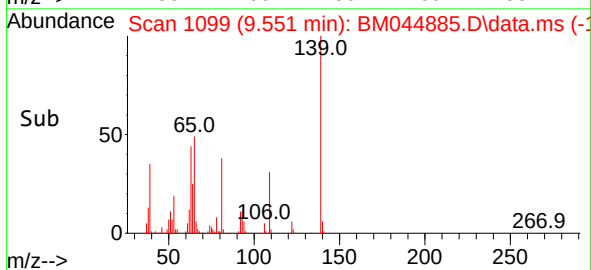
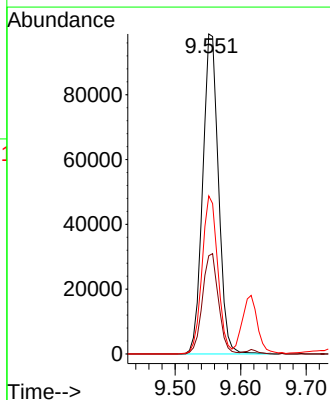
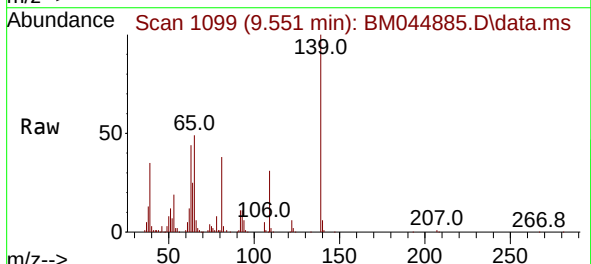
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

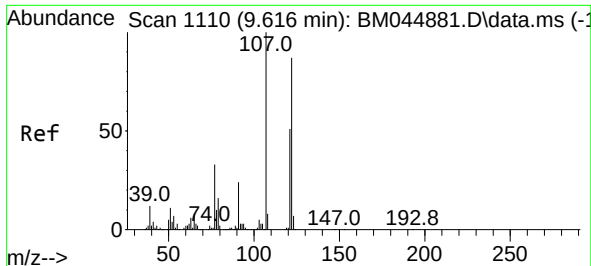


#26  
2-Nitrophenol  
Concen: 41.960 ng  
RT: 9.551 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:139 Resp: 165327  
Ion Ratio Lower Upper  
139 100  
109 30.7 25.1 37.7  
65 49.4 39.6 59.4







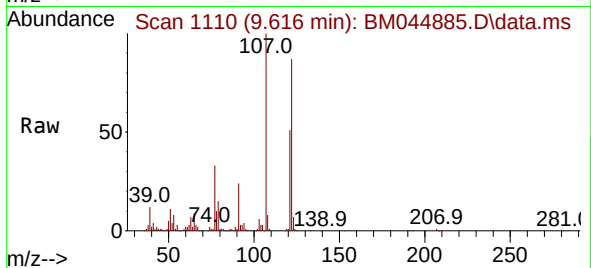
#27  
2,4-Dimethylphenol  
Concen: 40.060 ng  
RT: 9.616 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

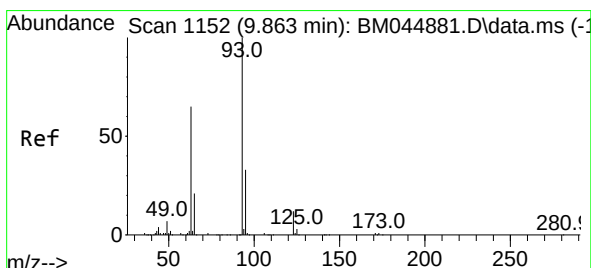
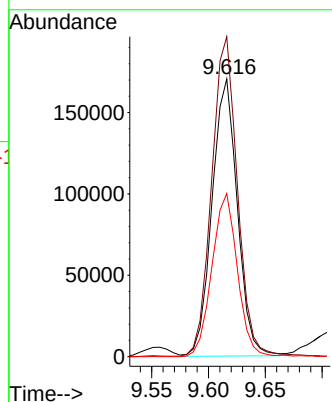
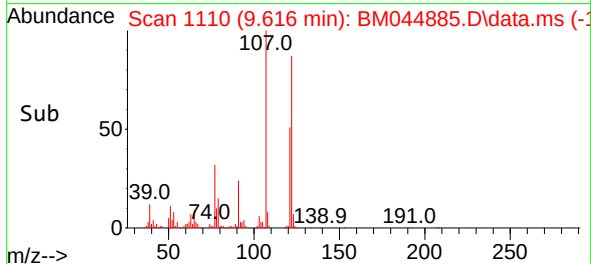


Tgt Ion:122 Resp: 26383  
Ion Ratio Lower Upper  
122 100  
107 115.2 91.5 137.3  
121 58.7 46.9 70.3

Manual Integrations

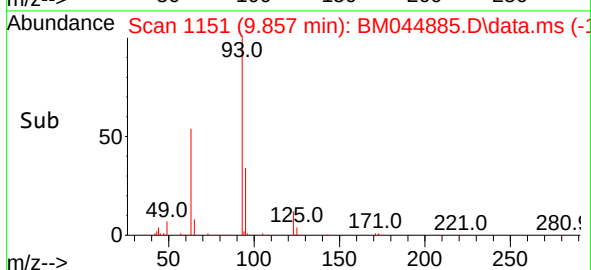
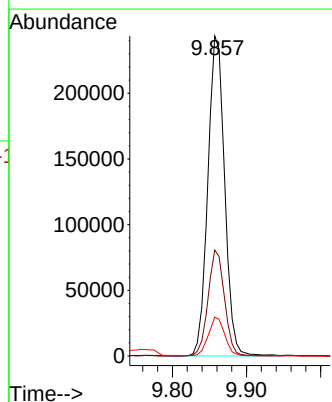
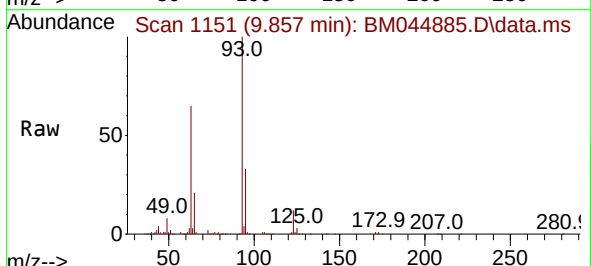
APPROVED

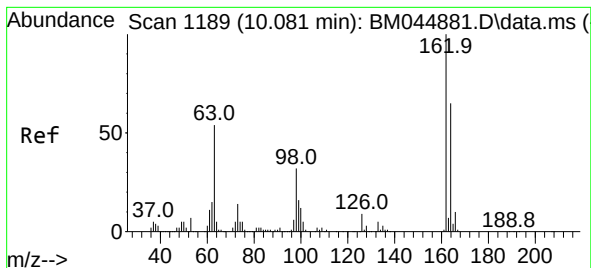
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.818 ng  
RT: 9.857 min Scan# 1151  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion: 93 Resp: 384649  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.7 40.1  
123 12.1 9.7 14.5





#29  
2,4-Dichlorophenol  
Concen: 40.471 ng  
RT: 10.081 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

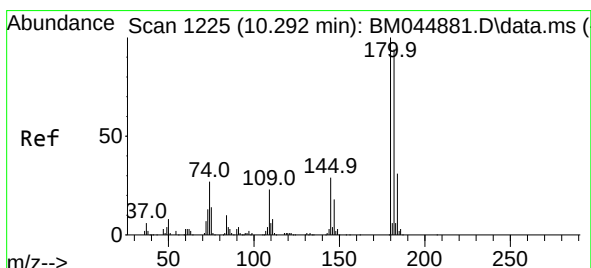
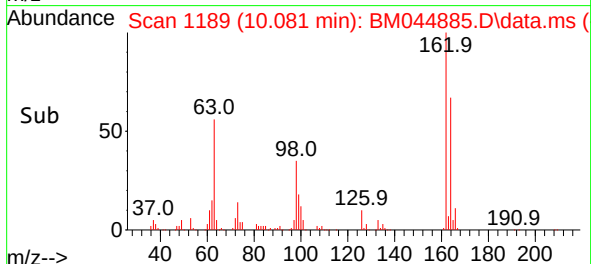
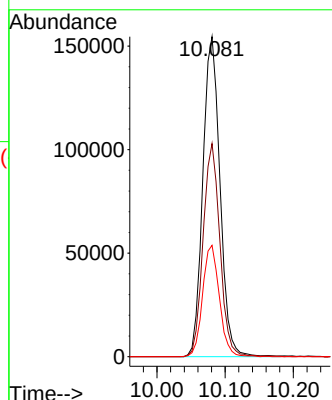
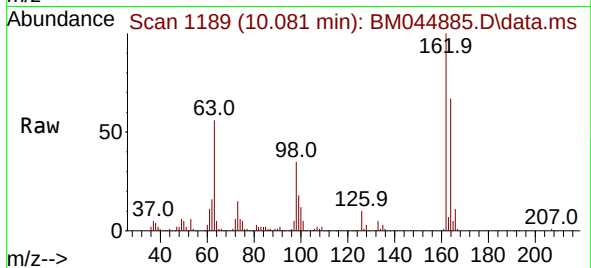
ICVBM040224

Tgt Ion:162 Resp: 27126  
Ion Ratio Lower Upper  
162 100  
164 66.6 44.8 84.8  
98 34.8 12.0 52.0

Manual Integrations

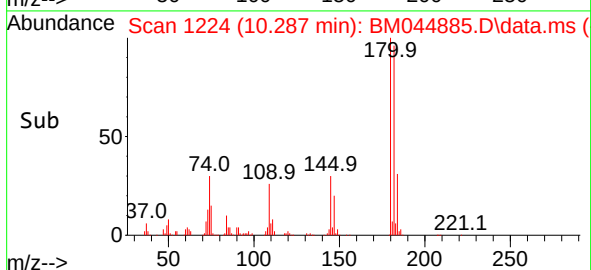
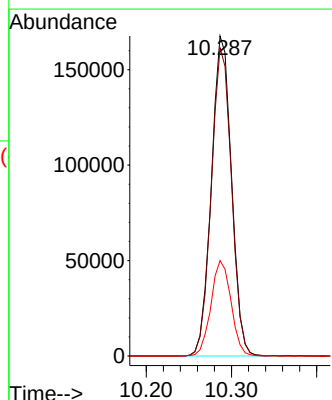
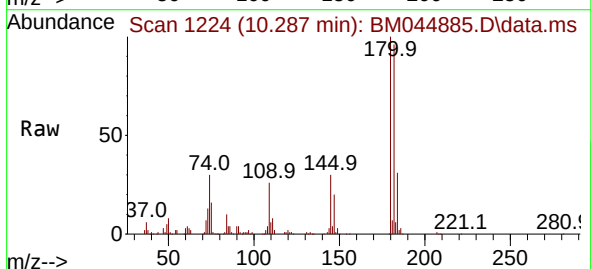
APPROVED

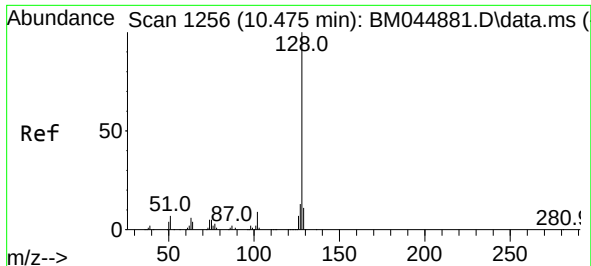
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 39.249 ng  
RT: 10.287 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

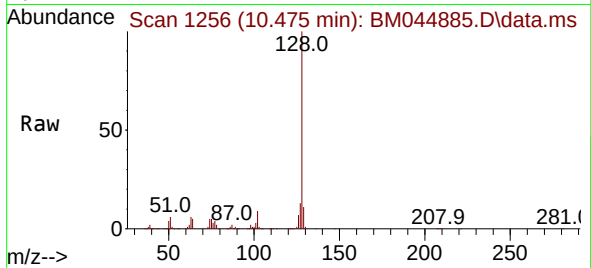
Tgt Ion:180 Resp: 274962  
Ion Ratio Lower Upper  
180 100  
182 96.3 75.4 113.2  
145 29.8 22.8 34.2





#31  
Naphthalene  
Concen: 39.200 ng  
RT: 10.475 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

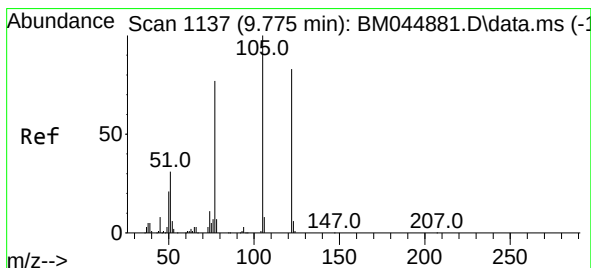
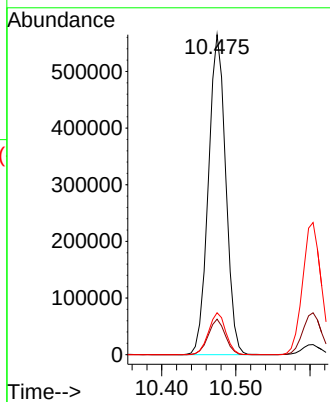
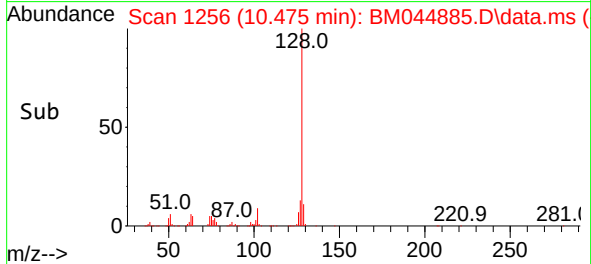
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:128 Resp: 91765  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.1 10.4 15.6

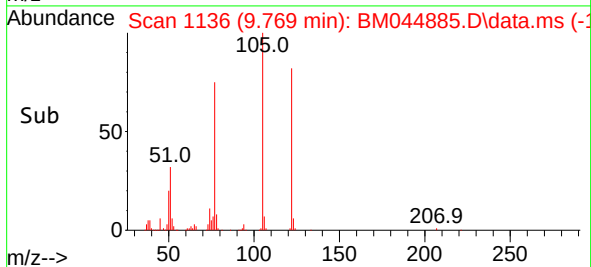
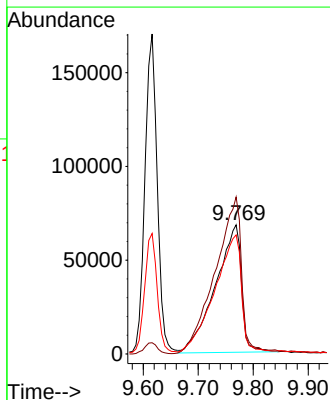
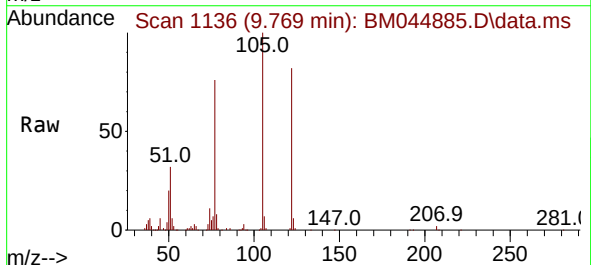
Manual Integrations  
APPROVED

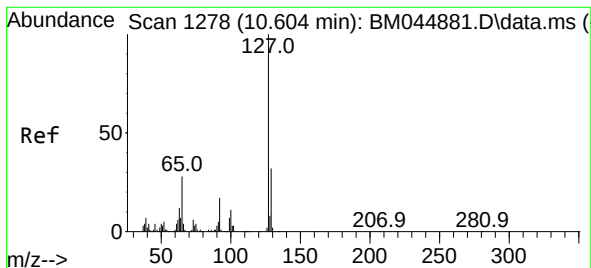
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#32  
Benzoic acid  
Concen: 40.569 ng  
RT: 9.769 min Scan# 1136  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:122 Resp: 223563  
Ion Ratio Lower Upper  
122 100  
105 121.5 97.7 137.7  
77 92.1 71.5 111.5





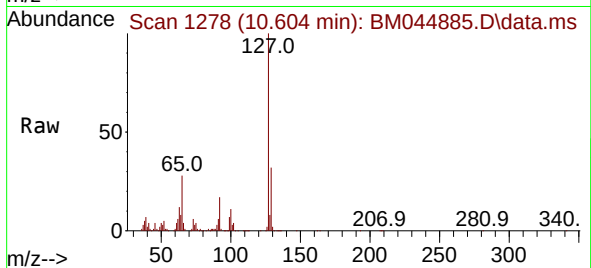
#33  
4-Chloroaniline  
Concen: 41.016 ng  
RT: 10.604 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

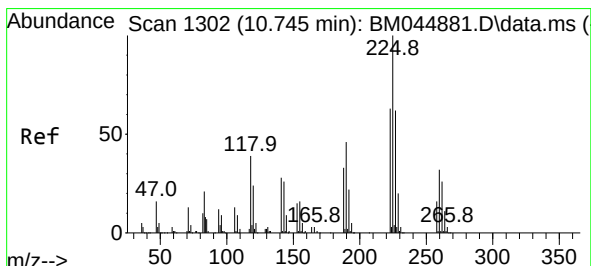
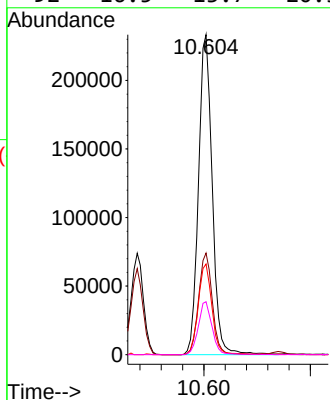
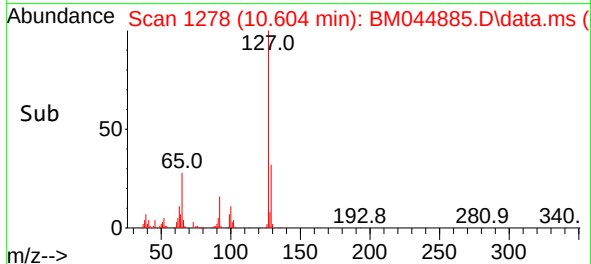


Tgt Ion:127 Resp: 41844  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.9 38.9  
65 28.3 22.4 33.6  
92 16.5 13.7 20.5

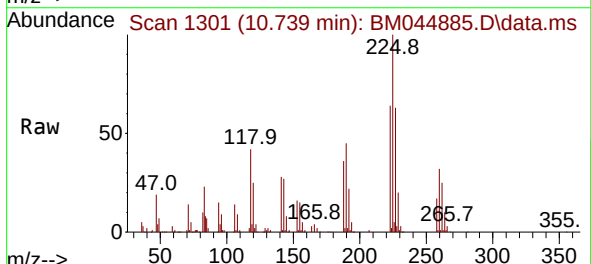
Manual Integrations

APPROVED

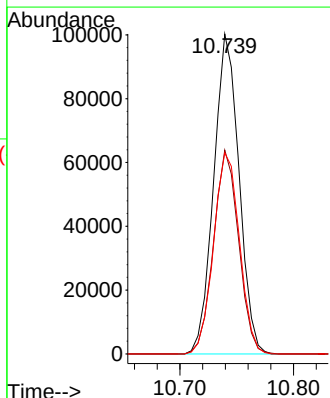
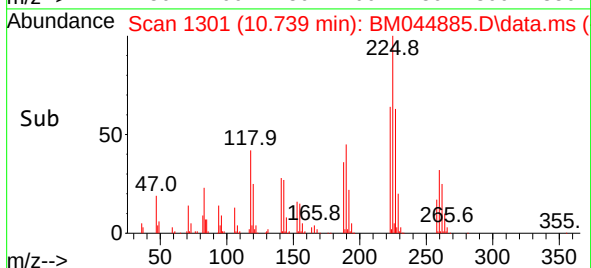
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

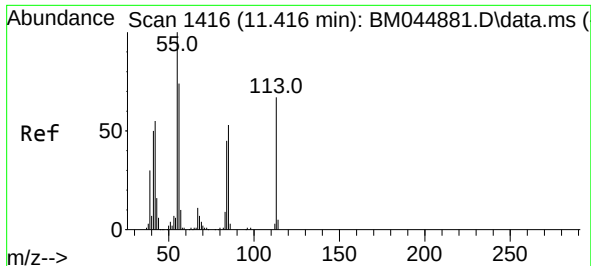


#34  
Hexachlorobutadiene  
Concen: 38.970 ng  
RT: 10.739 min Scan# 1301  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



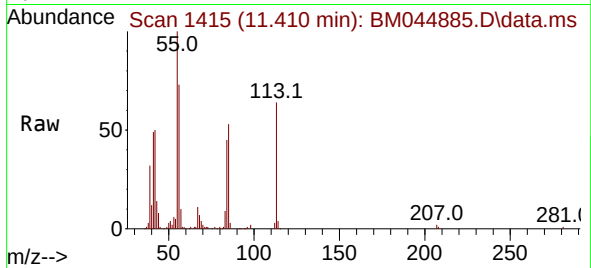
Tgt Ion:225 Resp: 155161  
Ion Ratio Lower Upper  
225 100  
223 63.7 50.2 75.2  
227 62.8 49.8 74.6





#35  
Caprolactam  
Concen: 40.863 ng  
RT: 11.410 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

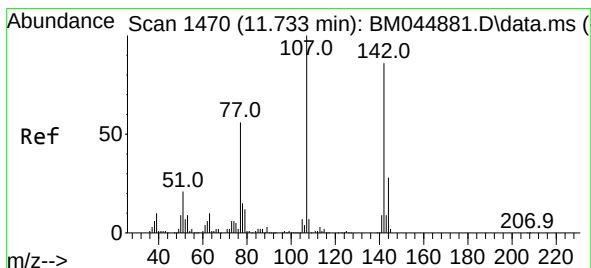
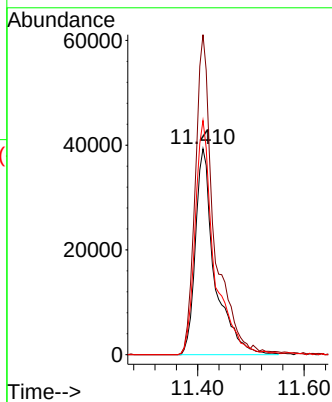
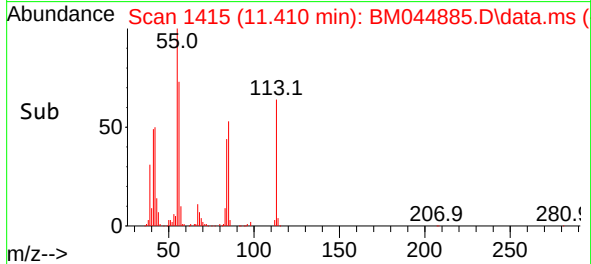
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:113 Resp: 98719  
Ion Ratio Lower Upper  
113 100  
55 155.3 129.8 169.8  
56 113.7 90.9 130.9

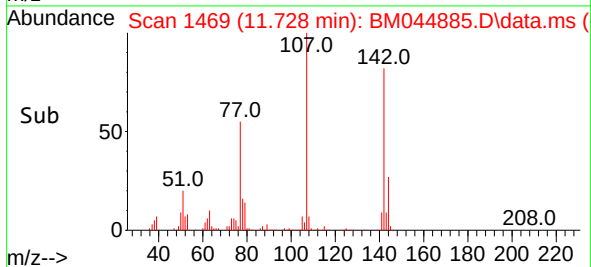
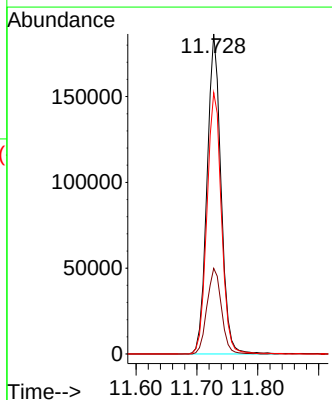
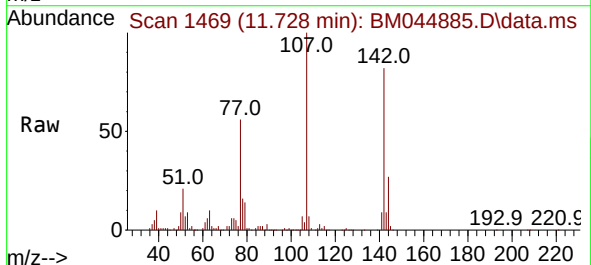
Manual Integrations  
APPROVED

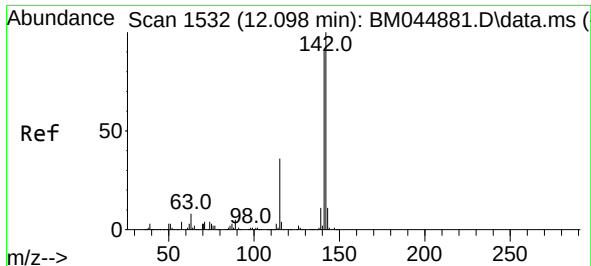
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#36  
4-Chloro-3-methylphenol  
Concen: 40.857 ng  
RT: 11.728 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

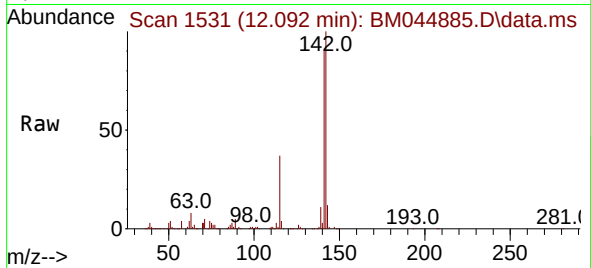
Tgt Ion:107 Resp: 296675  
Ion Ratio Lower Upper  
107 100  
144 26.8 22.6 34.0  
142 81.7 69.0 103.6





#37  
2-Methylnaphthalene  
Concen: 39.042 ng  
RT: 12.092 min Scan# 1531  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

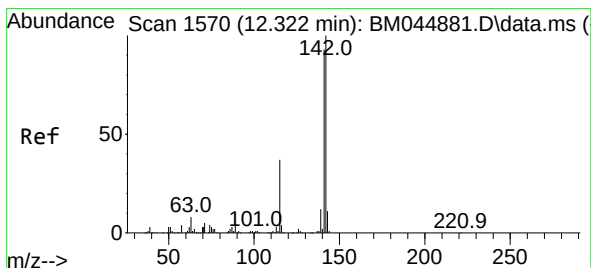
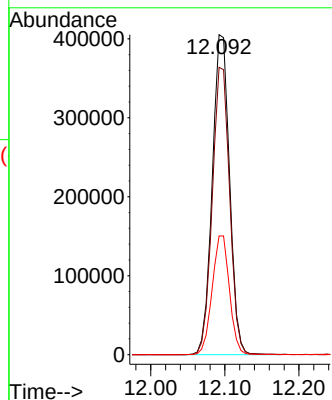
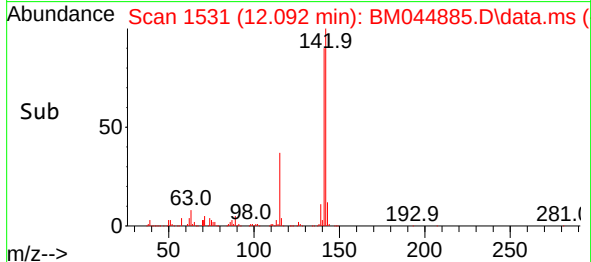
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



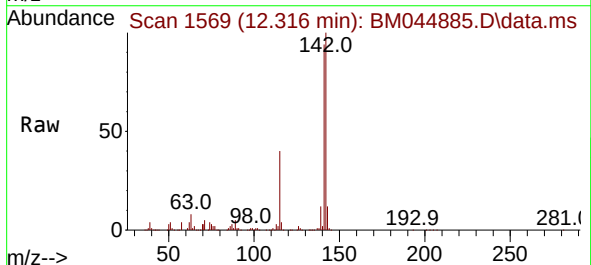
Tgt Ion:142 Resp: 65674  
Ion Ratio Lower Upper  
142 100  
141 89.8 72.5 108.7  
115 37.1 29.0 43.4

Manual Integrations  
APPROVED

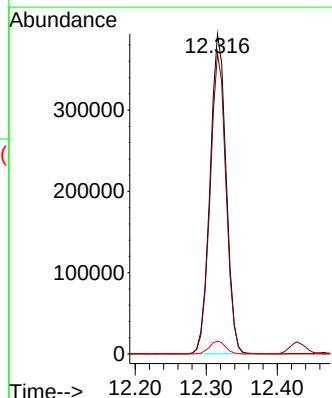
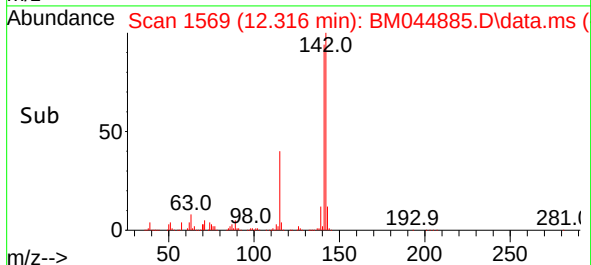
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

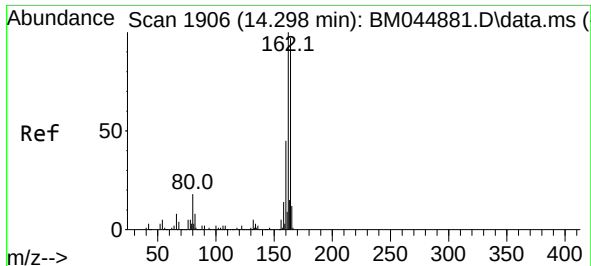


#38  
1-Methylnaphthalene  
Concen: 38.819 ng  
RT: 12.316 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:142 Resp: 618180  
Ion Ratio Lower Upper  
142 100  
141 93.9 74.3 111.5  
116 4.0 3.1 4.7





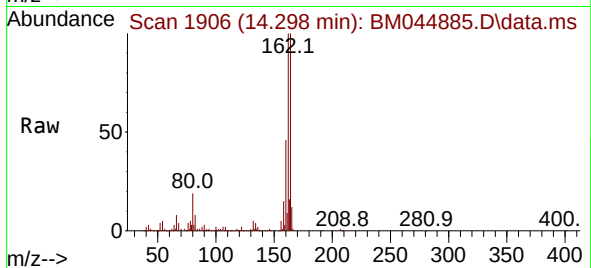
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.298 min Scan# 1906  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

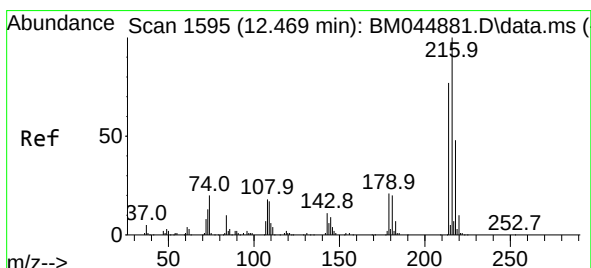
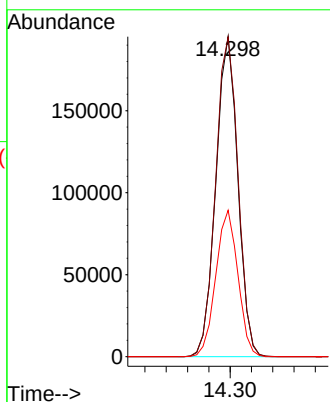
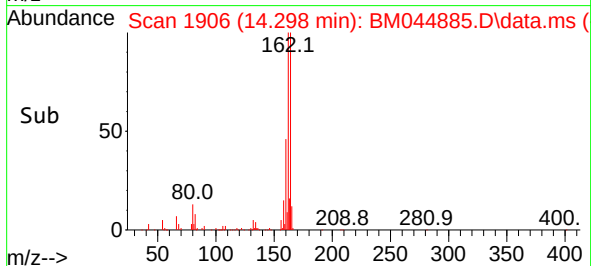


Tgt Ion:164 Resp: 27931  
Ion Ratio Lower Upper  
164 100  
162 99.9 82.1 123.1  
160 45.8 36.8 55.2

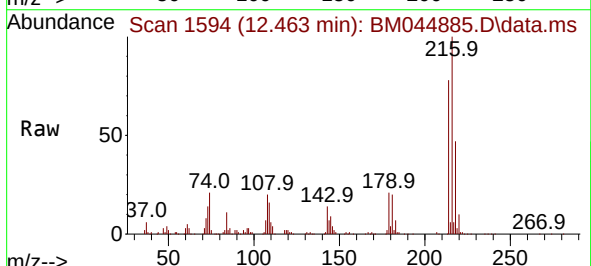
Manual Integrations

APPROVED

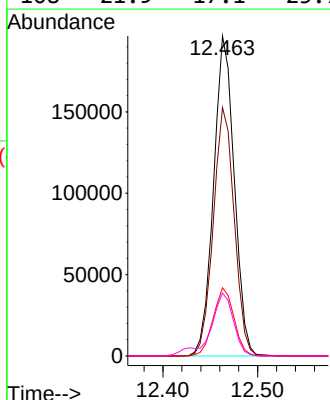
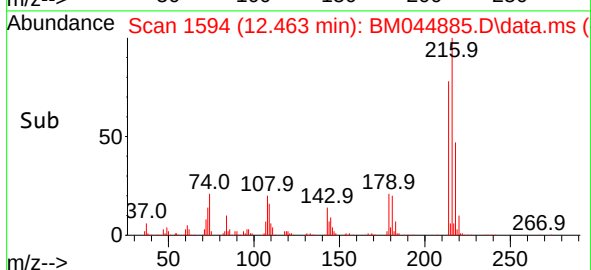
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

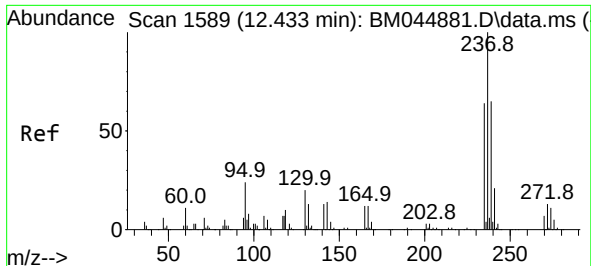


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.929 ng  
RT: 12.463 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



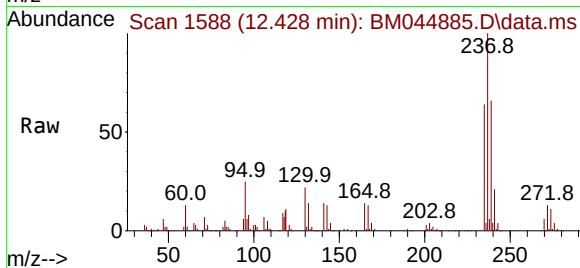
Tgt Ion:216 Resp: 298306  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.8 94.2  
179 21.4 16.7 25.1  
108 21.9 17.1 25.7





#41  
Hexachlorocyclopentadiene  
Concen: 38.986 ng  
RT: 12.428 min Scan# 1589  
Delta R.T. -0.005 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

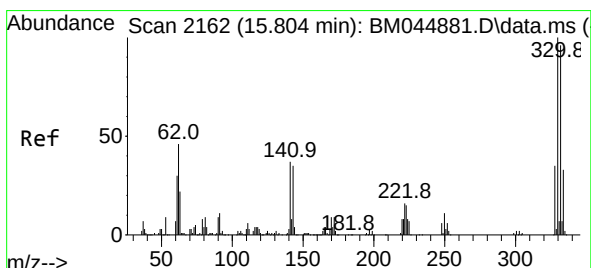
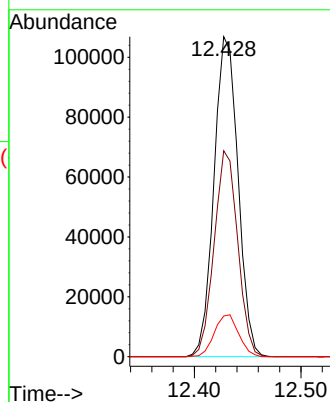
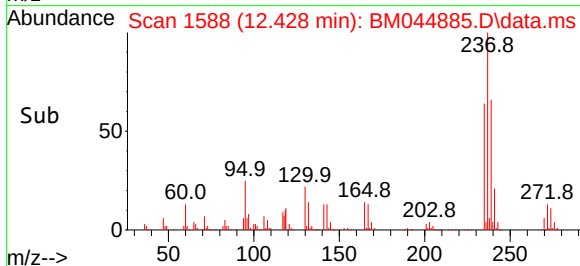
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



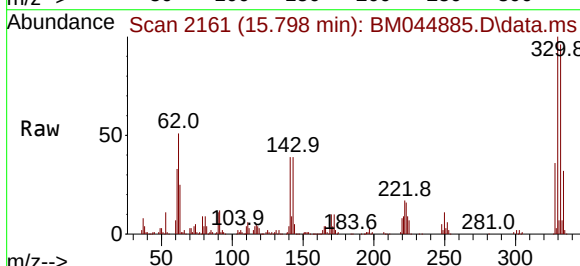
Tgt Ion:237 Resp: 167598  
Ion Ratio Lower Upper  
237 100  
235 64.3 43.6 83.6  
272 12.7 0.0 33.3

Manual Integrations  
APPROVED

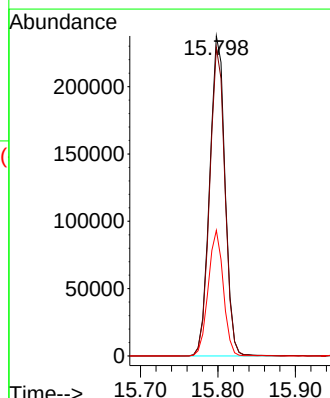
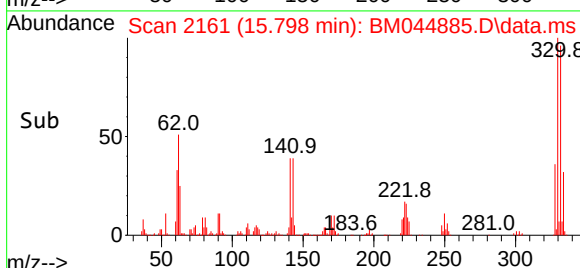
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



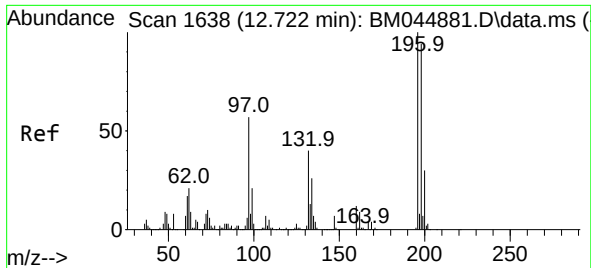
#42  
2,4,6-Tribromophenol  
Concen: 80.305 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:330 Resp: 327776  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.4 116.0  
141 38.5 30.9 46.3







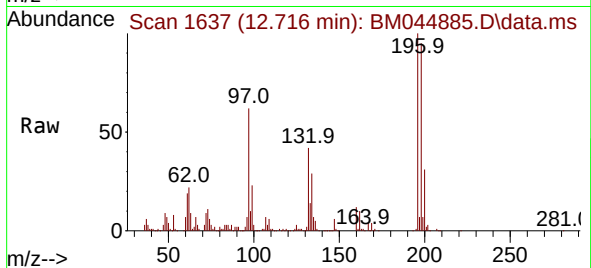
#43  
2,4,6-Trichlorophenol  
Concen: 40.956 ng  
RT: 12.716 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

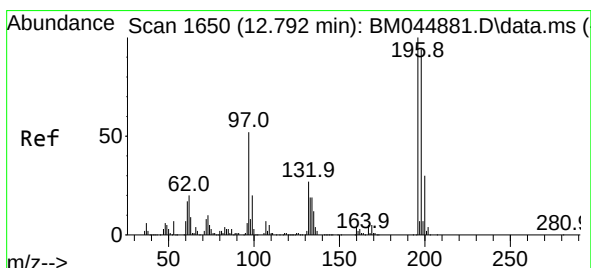
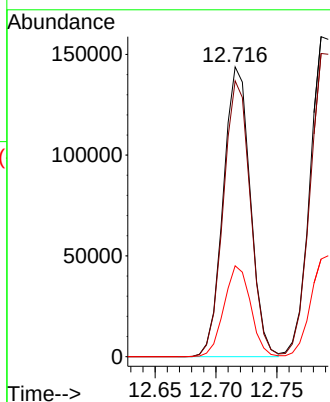
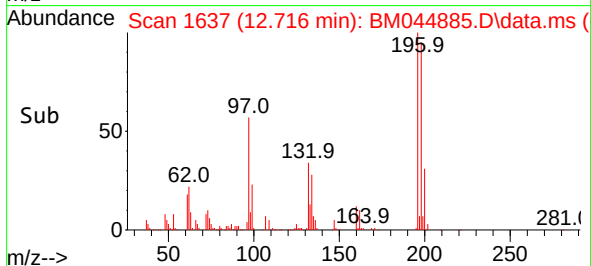


Tgt Ion:196 Resp: 222294  
Ion Ratio Lower Upper  
196 100  
198 95.2 75.2 112.8  
200 31.4 23.7 35.5

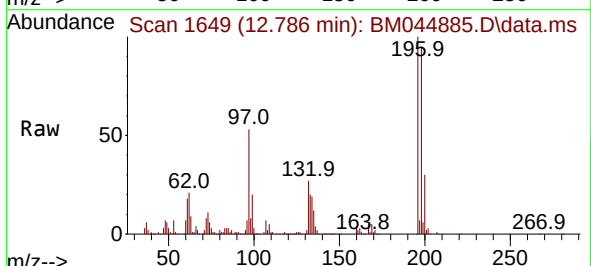
Manual Integrations

APPROVED

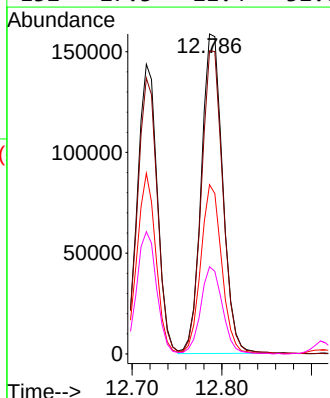
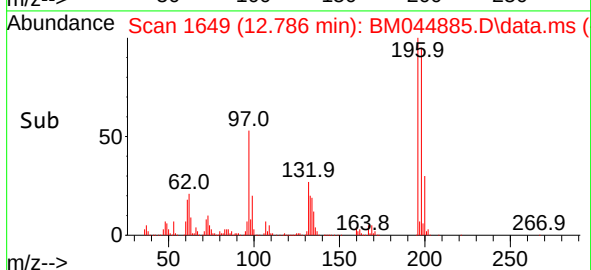
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

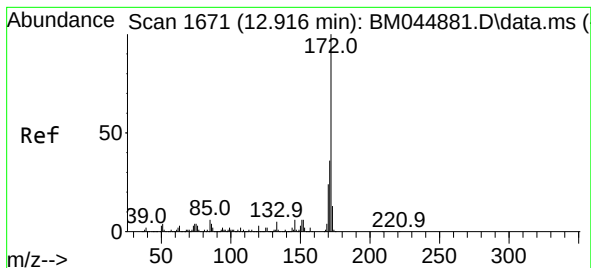


#44  
2,4,5-Trichlorophenol  
Concen: 40.359 ng  
RT: 12.786 min Scan# 1649  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:196 Resp: 262774  
Ion Ratio Lower Upper  
196 100  
198 94.8 75.0 112.6  
97 52.9 41.4 62.0  
132 27.3 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 77.778 ng

RT: 12.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

Tgt Ion:172 Resp: 160171

Ion Ratio Lower Upper

172 100

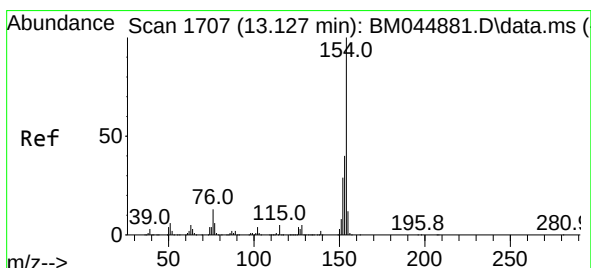
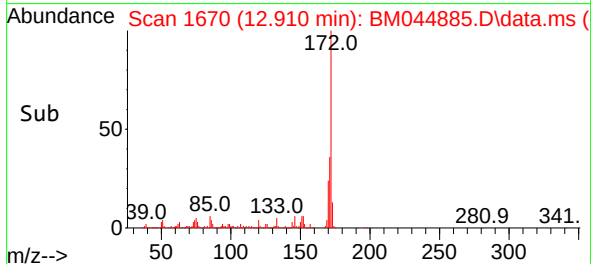
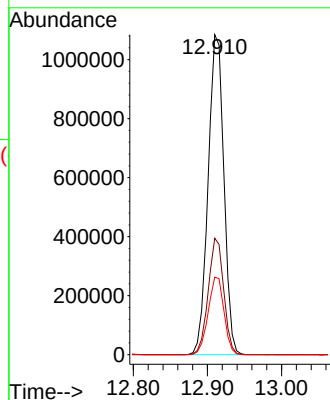
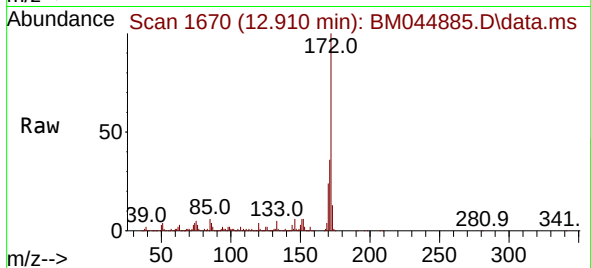
171 36.4 28.9 43.3

170 24.3 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#46

1,1'-Biphenyl

Concen: 39.276 ng

RT: 13.122 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

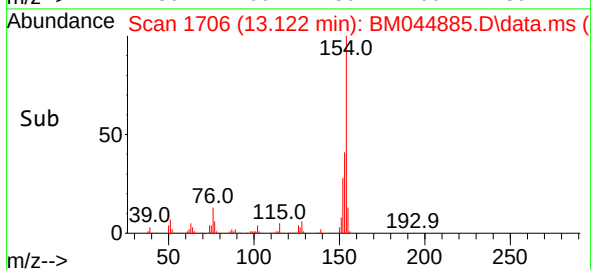
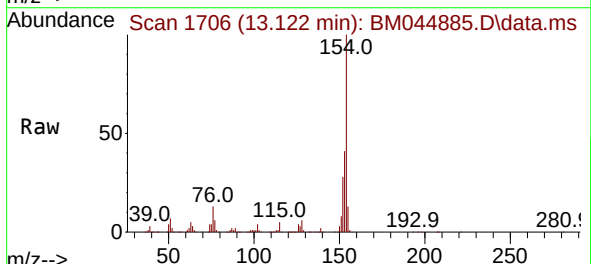
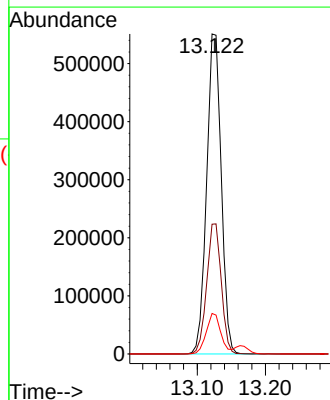
Tgt Ion:154 Resp: 821068

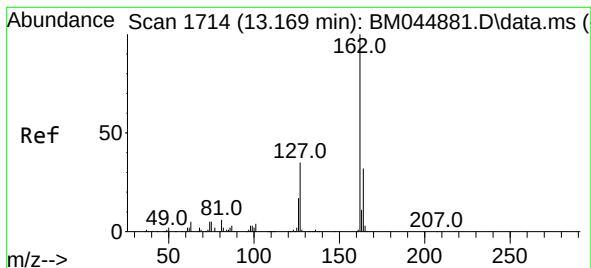
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

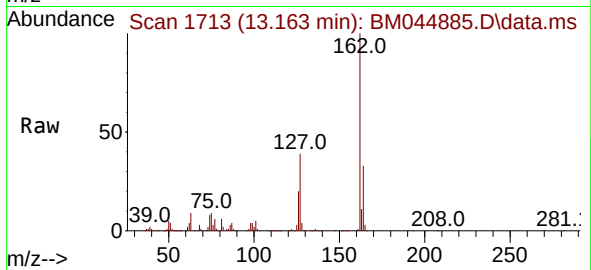
76 12.7 0.0 32.7





#47  
2-Chloronaphthalene  
Concen: 39.189 ng  
RT: 13.163 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

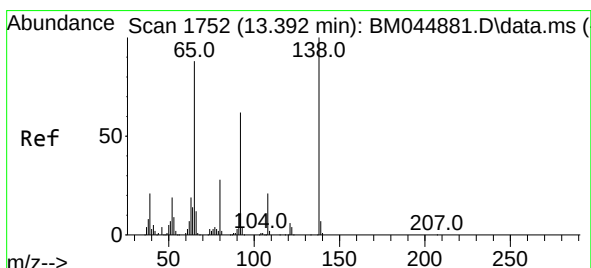
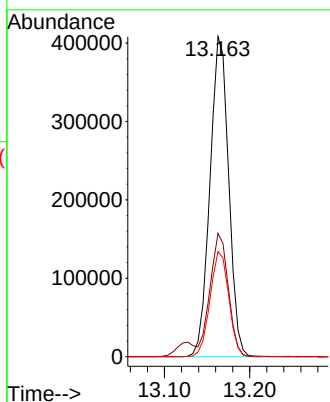
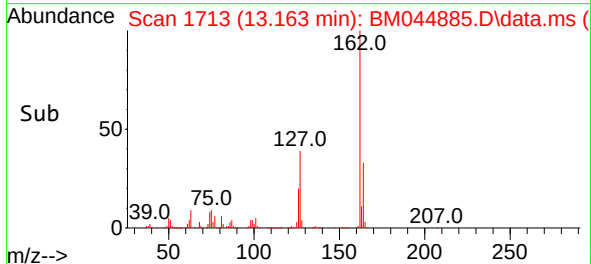
Instrument : BNA\_M  
ClientSampleId : ICVBM040224



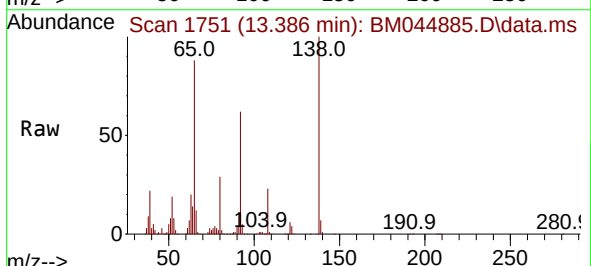
Tgt Ion:162 Resp: 622312  
Ion Ratio Lower Upper  
162 100  
127 38.5 29.6 44.4  
164 32.9 25.8 38.8

Manual Integrations  
APPROVED

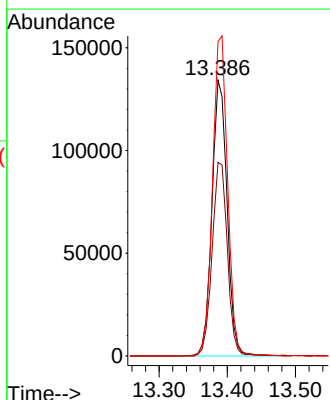
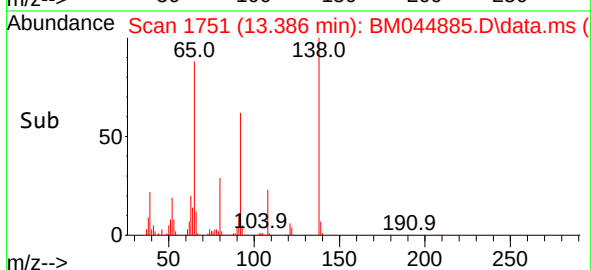
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

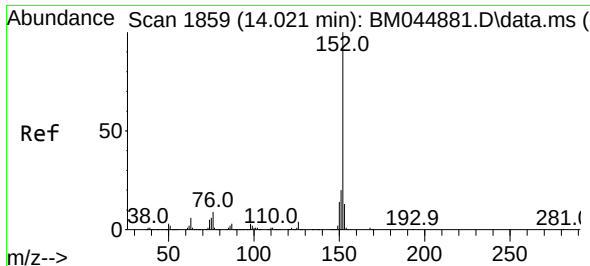


#48  
2-Nitroaniline  
Concen: 41.269 ng  
RT: 13.386 min Scan# 1751  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



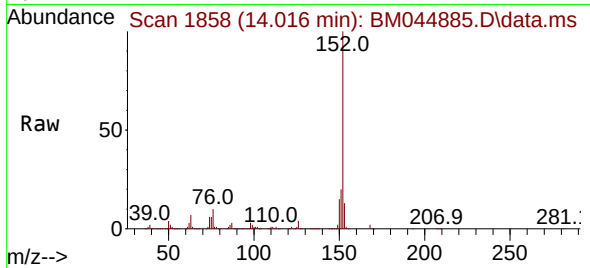
Tgt Ion: 65 Resp: 207255  
Ion Ratio Lower Upper  
65 100  
92 70.2 56.1 84.1  
138 114.1 90.6 136.0





#49  
Acenaphthylene  
Concen: 39.419 ng  
RT: 14.016 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

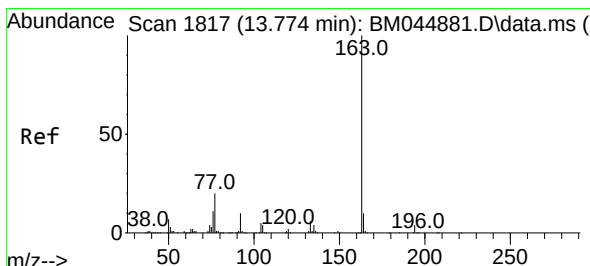
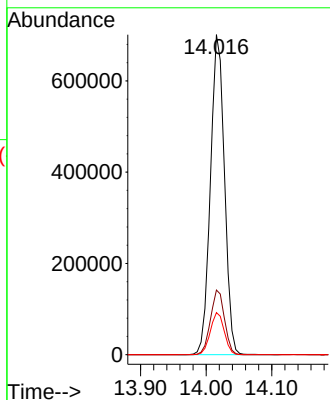
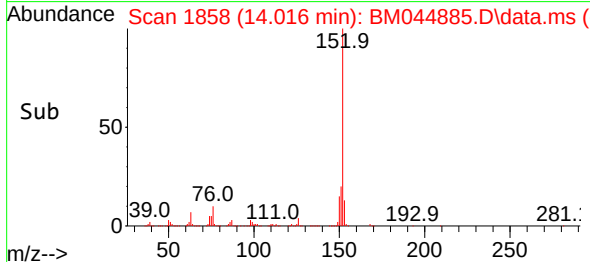
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:152 Resp: 1041780  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.2 10.2 15.4

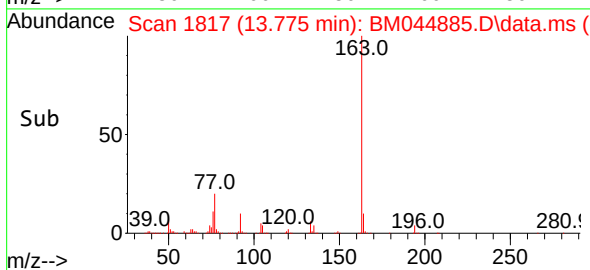
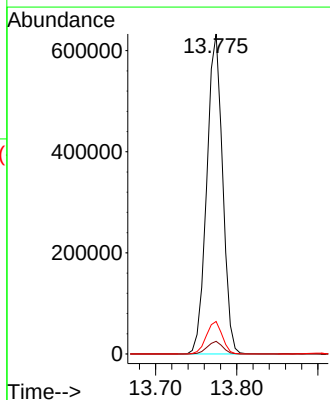
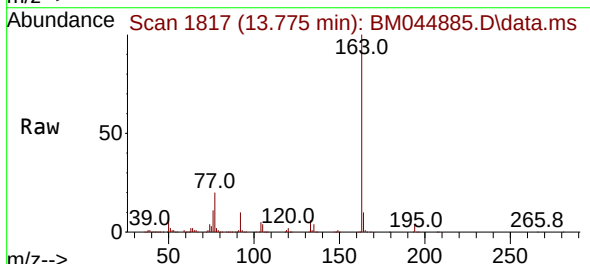
Manual Integrations  
APPROVED

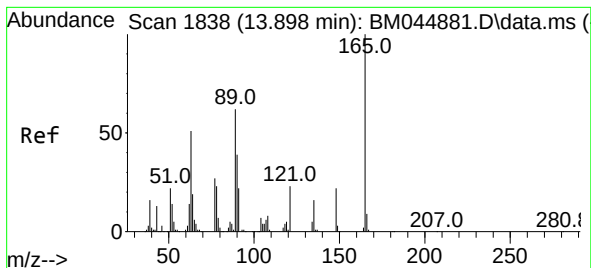
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#50  
Dimethylphthalate  
Concen: 38.823 ng  
RT: 13.775 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

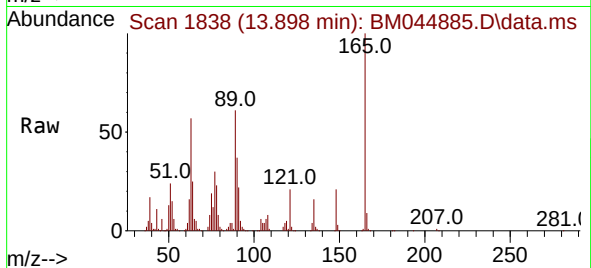
Tgt Ion:163 Resp: 855356  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.0 4.4  
164 10.2 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 40.043 ng  
RT: 13.898 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

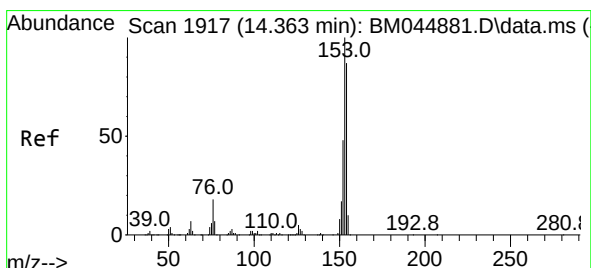
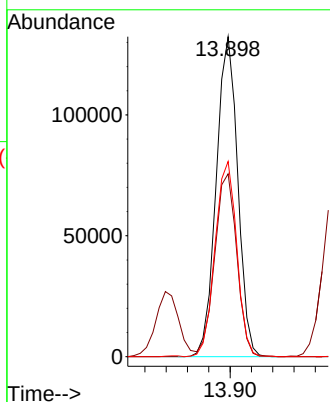
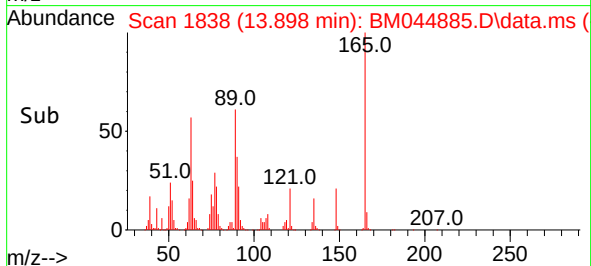
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



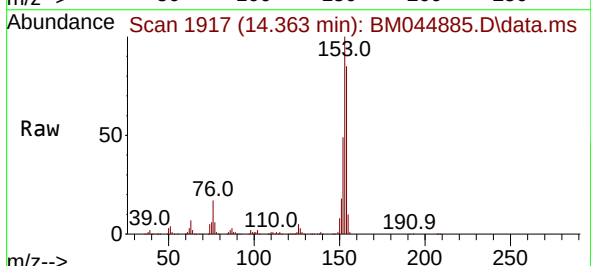
Tgt Ion:165 Resp: 18532  
Ion Ratio Lower Upper  
165 100  
63 57.1 47.9 71.9  
89 61.0 49.4 74.0

Manual Integrations  
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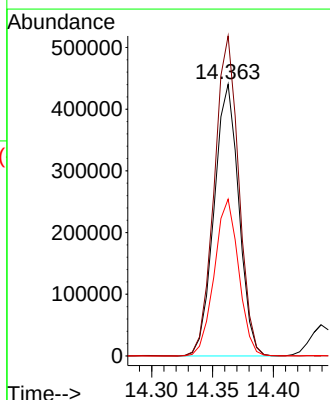
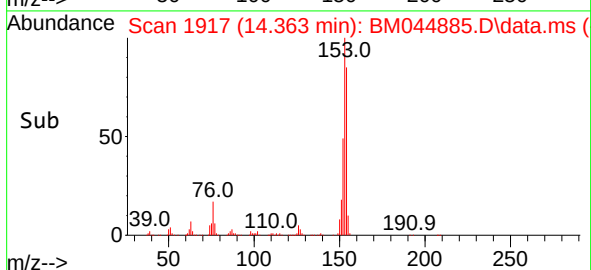
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

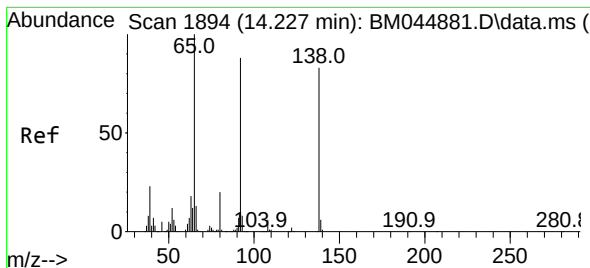


#52  
Acenaphthene  
Concen: 39.116 ng  
RT: 14.363 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:154 Resp: 623130  
Ion Ratio Lower Upper  
154 100  
153 117.8 91.7 137.5  
152 57.7 43.7 65.5





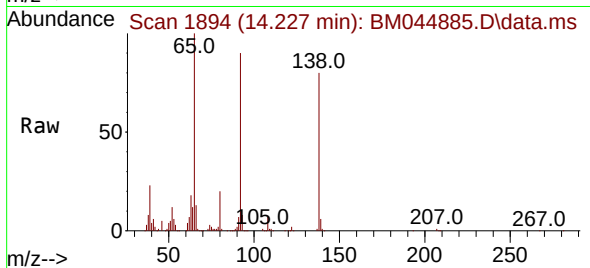
#53  
3-Nitroaniline  
Concen: 41.102 ng  
RT: 14.227 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

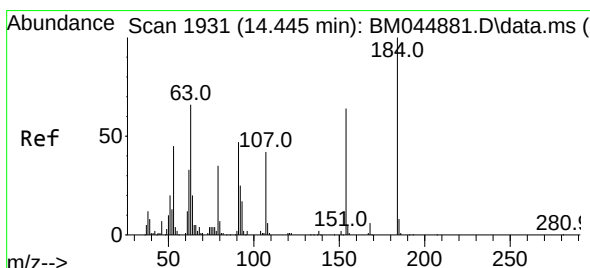
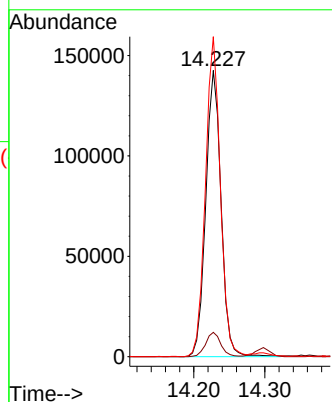
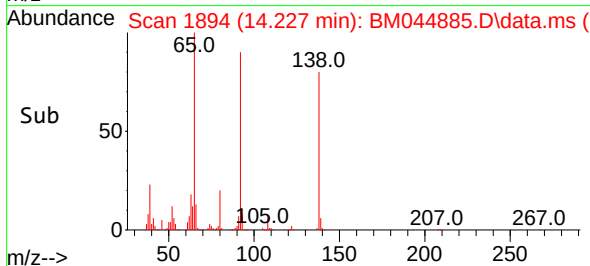


Tgt Ion:138 Resp: 213772  
Ion Ratio Lower Upper  
138 100  
108 8.5 6.1 9.1  
92 111.8 84.7 127.1

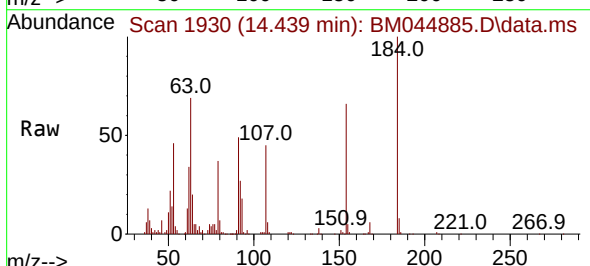
Manual Integrations

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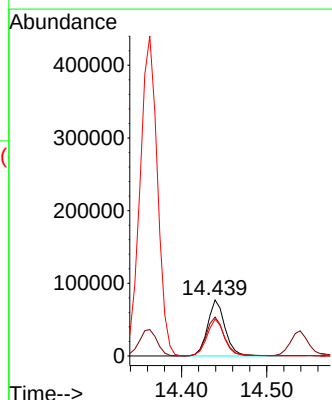
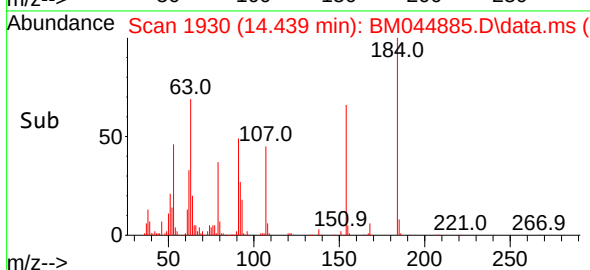
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

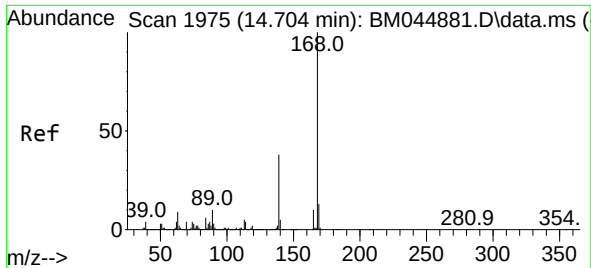


#54  
2,4-Dinitrophenol  
Concen: 38.409 ng  
RT: 14.439 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



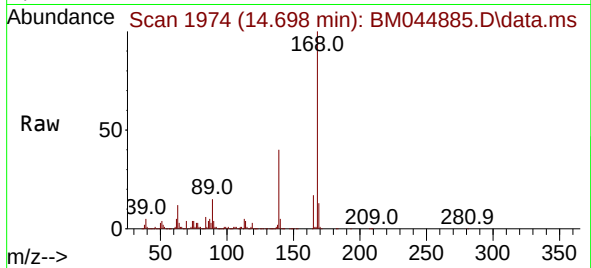
Tgt Ion:184 Resp: 109436  
Ion Ratio Lower Upper  
184 100  
63 69.5 53.0 79.6  
154 65.7 51.4 77.2





#55  
Dibenzenofuran  
Concen: 38.915 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

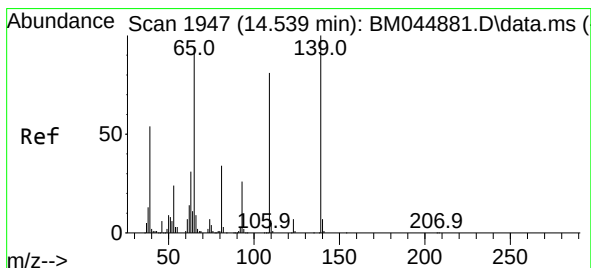
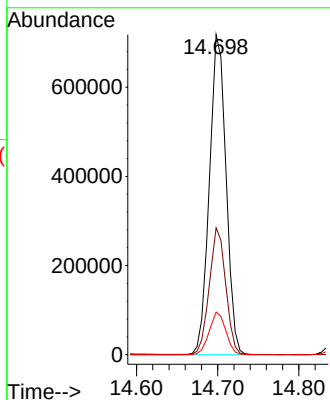
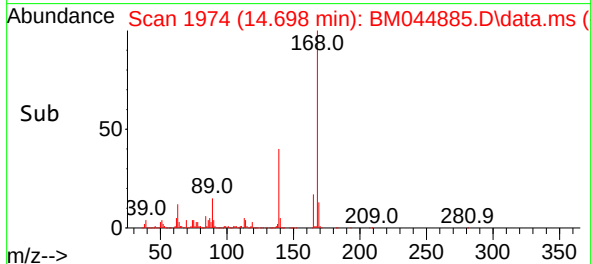
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:168 Resp: 1022035  
Ion Ratio Lower Upper  
168 100  
139 39.6 30.3 45.5  
169 13.3 10.7 16.1

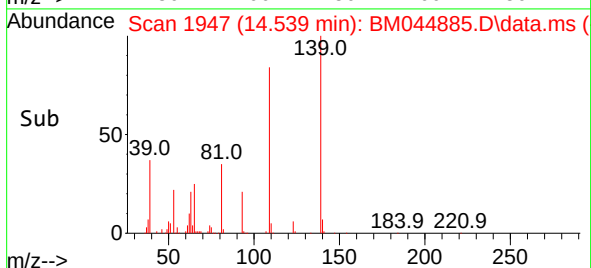
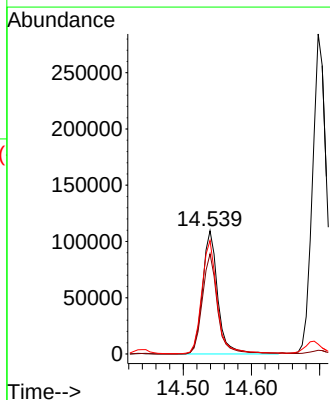
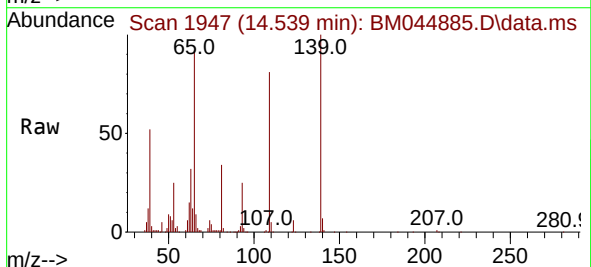
Manual Integrations  
APPROVED

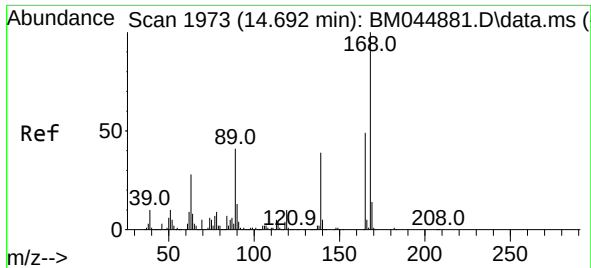
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#56  
4-Nitrophenol  
Concen: 40.669 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:139 Resp: 170970  
Ion Ratio Lower Upper  
139 100  
109 81.3 61.0 101.0  
65 92.1 74.0 114.0





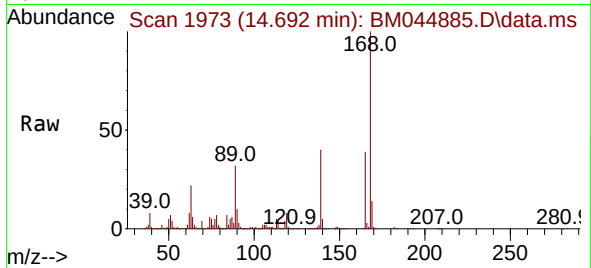
#57  
2,4-Dinitrotoluene  
Concen: 40.434 ng  
RT: 14.692 min Scan# 1973  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

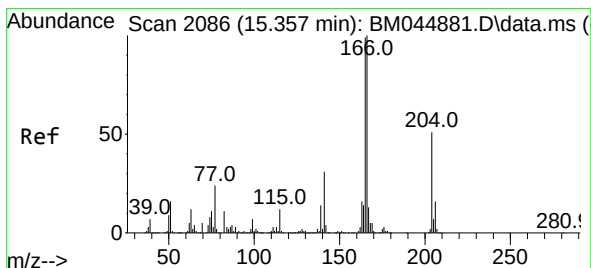
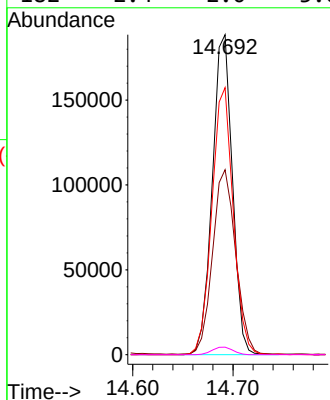
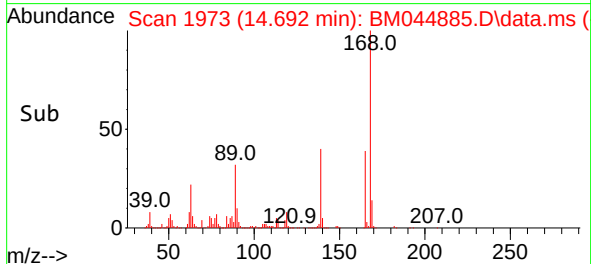


Tgt Ion:165 Resp: 26171  
Ion Ratio Lower Upper  
165 100  
63 57.8 45.8 68.8  
89 83.5 66.6 100.0  
182 2.4 2.0 3.0

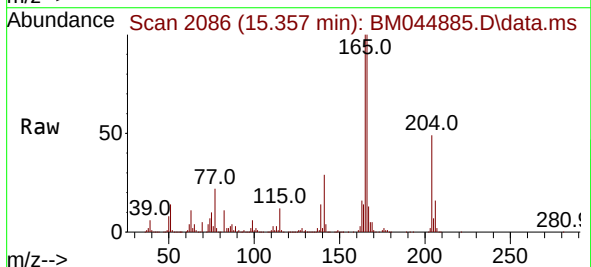
Manual Integrations

APPROVED

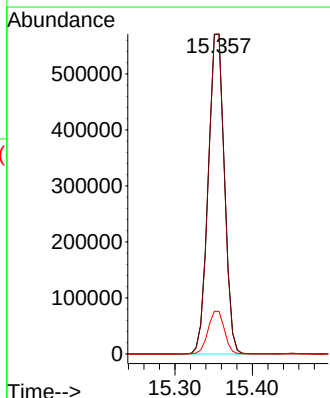
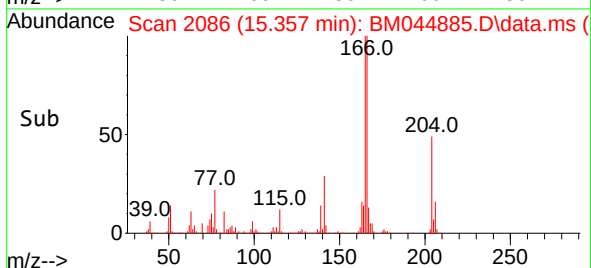
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



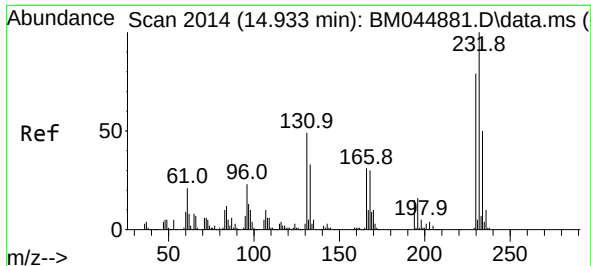
#58  
Fluorene  
Concen: 38.887 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:166 Resp: 827680  
Ion Ratio Lower Upper  
166 100  
165 100.1 79.0 118.6  
167 13.3 10.7 16.1

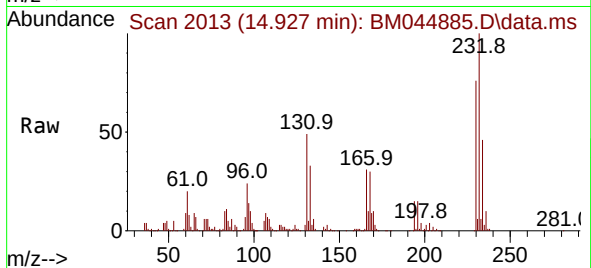






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.263 ng  
RT: 14.927 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

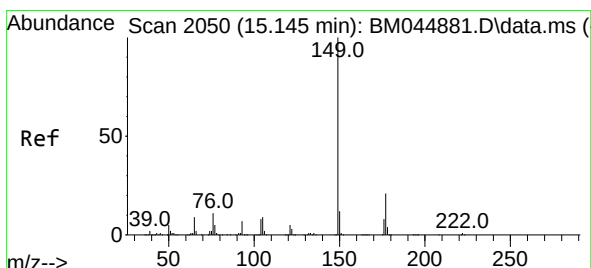
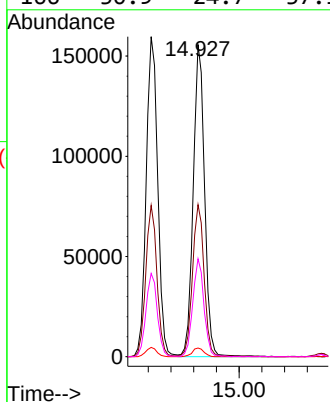
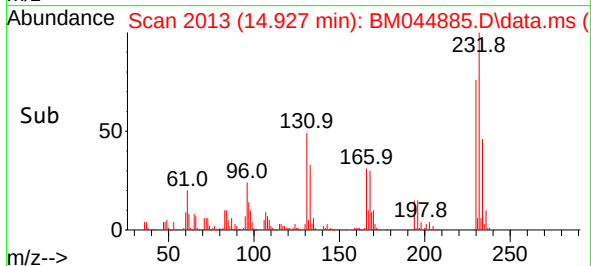
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:232 Resp: 217658  
Ion Ratio Lower Upper  
232 100  
131 49.0 39.4 59.0  
130 2.8 2.1 3.1  
166 30.9 24.7 37.1

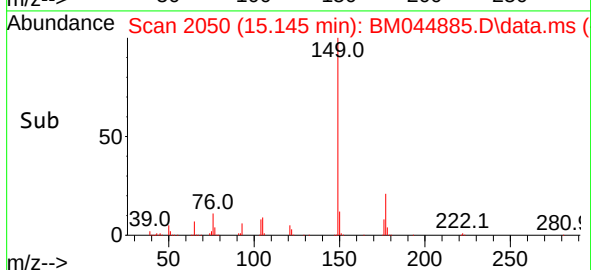
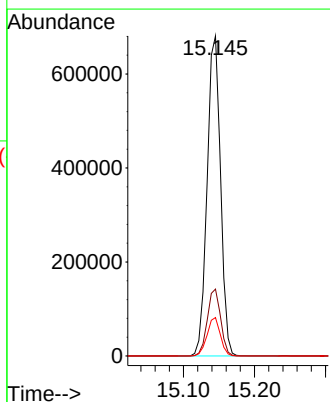
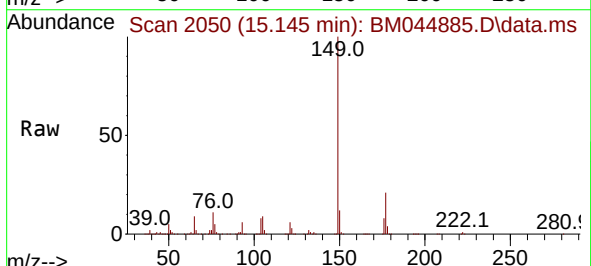
Manual Integrations  
APPROVED

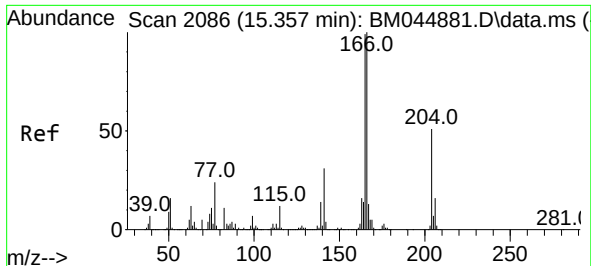
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#60  
Diethylphthalate  
Concen: 39.434 ng  
RT: 15.145 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:149 Resp: 893433  
Ion Ratio Lower Upper  
149 100  
177 20.9 17.2 25.8  
150 12.0 9.6 14.4





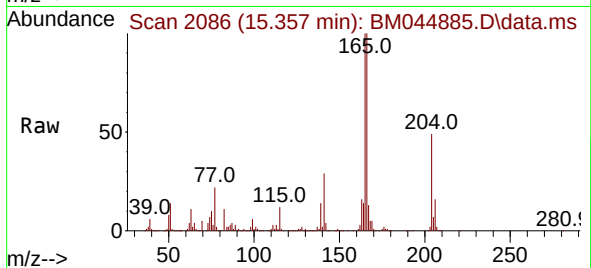
#61  
4-Chlorophenyl-phenylether  
Concen: 37.980 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

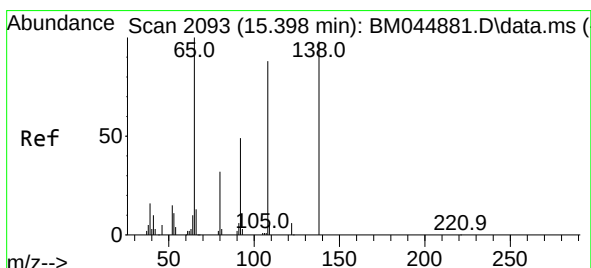
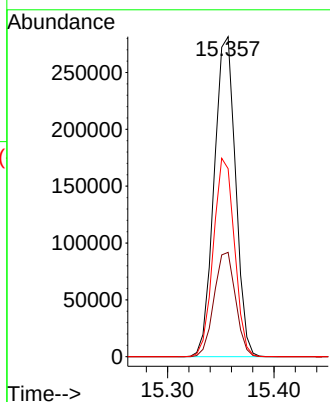
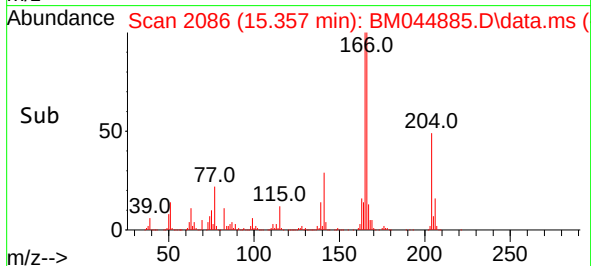


Tgt Ion:204 Resp: 392140  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.0 39.0  
141 58.7 48.5 72.7

Manual Integrations

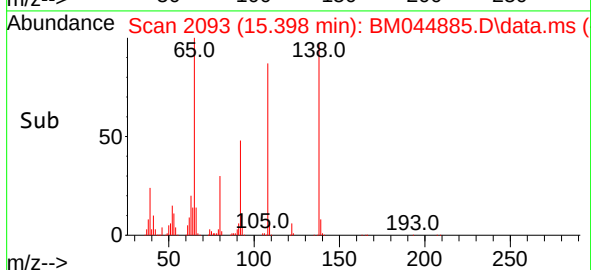
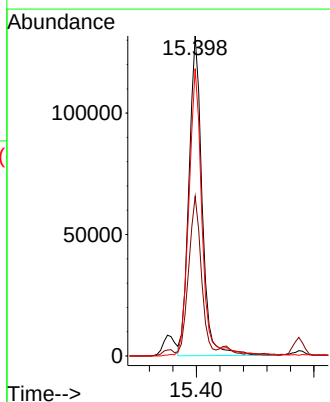
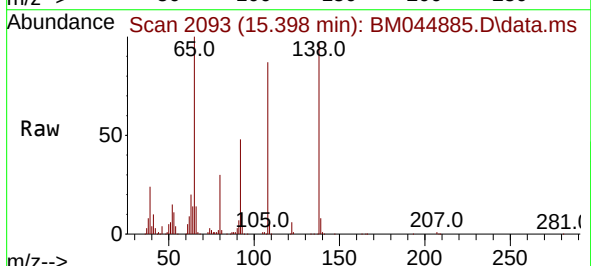
APPROVED

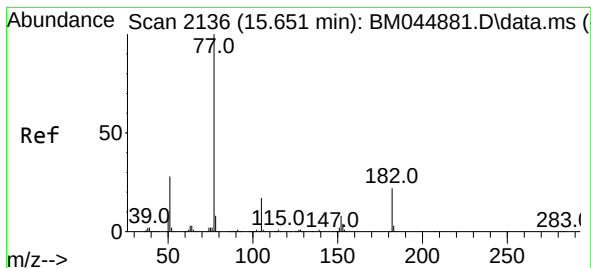
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#62  
4-Nitroaniline  
Concen: 42.587 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

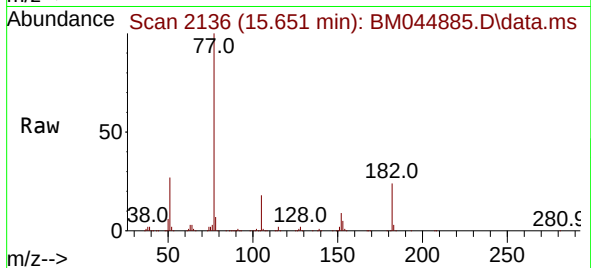
Tgt Ion:138 Resp: 205771  
Ion Ratio Lower Upper  
138 100  
92 49.9 29.7 69.7  
108 89.8 67.5 107.5





#63  
Azobenzene  
Concen: 39.954 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

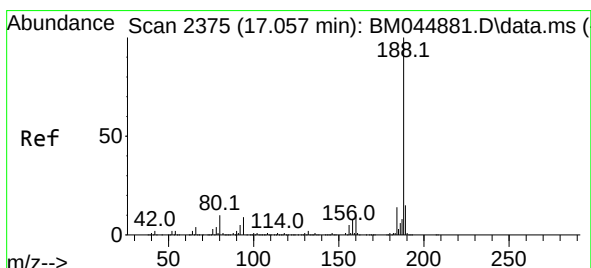
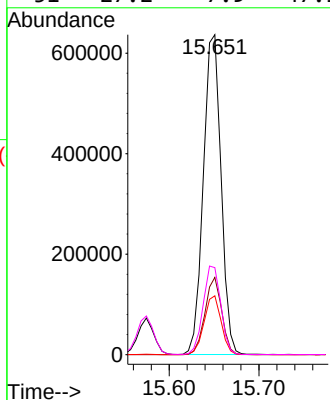
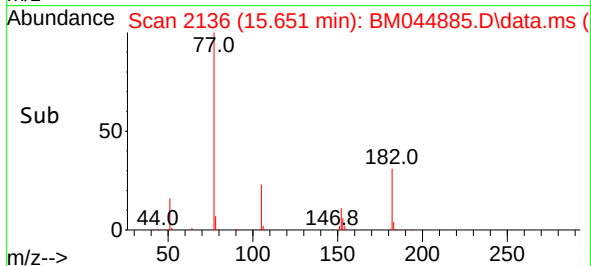
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



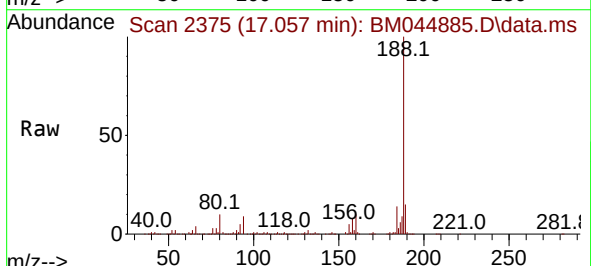
Tgt Ion: 77 Resp: 87303  
Ion Ratio Lower Upper  
77 100  
182 24.1 2.2 42.2  
105 18.4 0.0 37.4  
51 27.2 7.9 47.9

Manual Integrations  
APPROVED

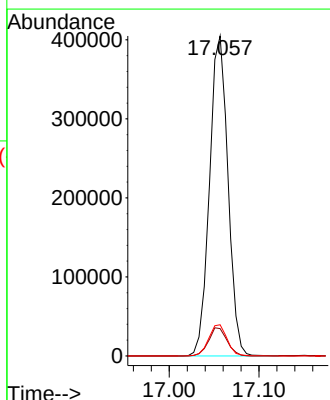
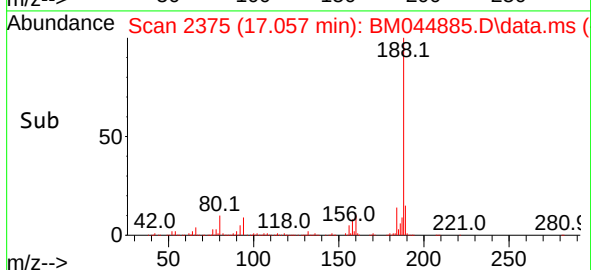
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

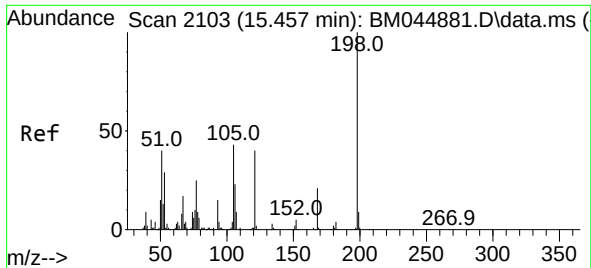


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.057 min Scan# 2375  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



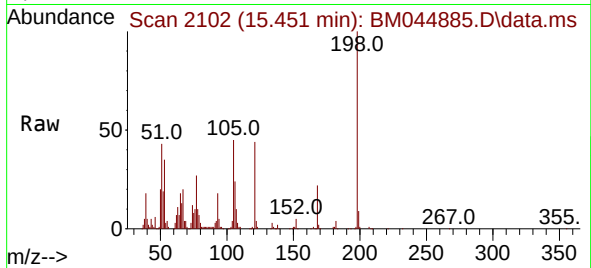
Tgt Ion:188 Resp: 578345  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.0 10.4  
80 9.7 7.7 11.5





#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.894 ng  
RT: 15.451 min Scan# 2102  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

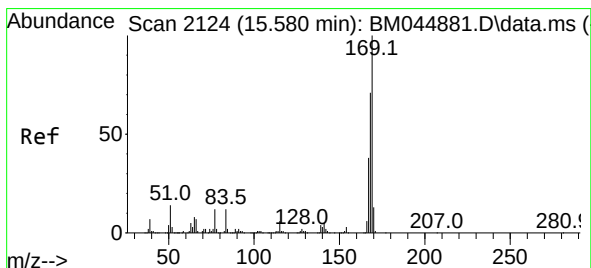
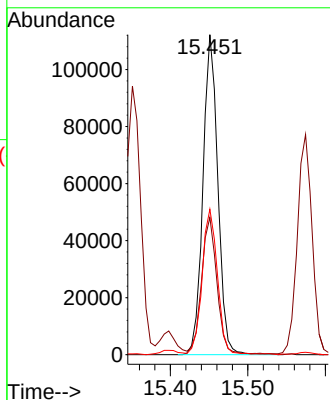
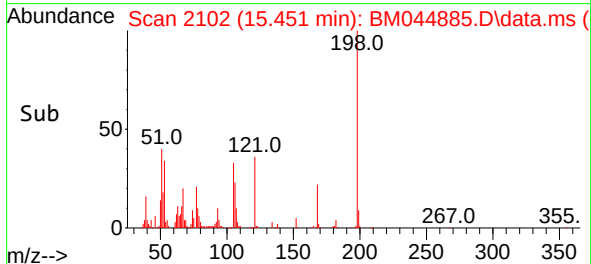
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:198 Resp: 14984  
Ion Ratio Lower Upper  
198 100  
51 42.9 21.9 61.9  
105 45.5 23.4 63.4

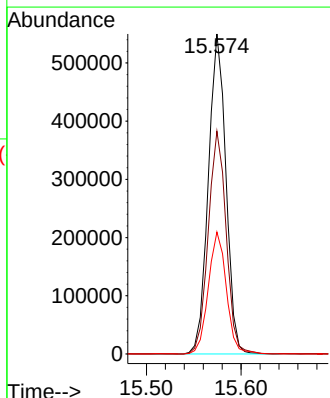
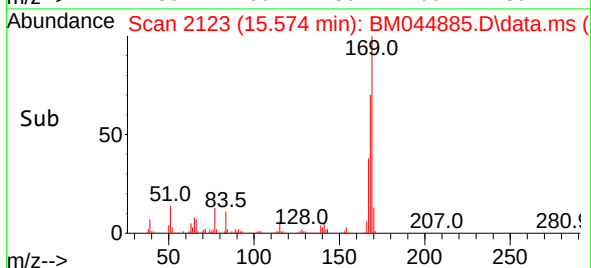
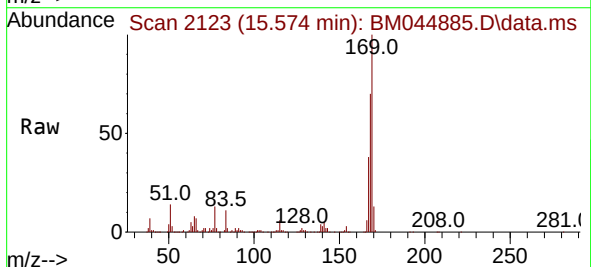
Manual Integrations  
APPROVED

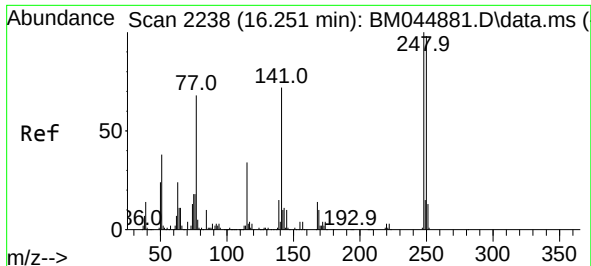
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#66  
n-Nitrosodiphenylamine  
Concen: 40.497 ng  
RT: 15.574 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:169 Resp: 708687  
Ion Ratio Lower Upper  
169 100  
168 69.6 57.2 85.8  
167 38.1 30.8 46.2





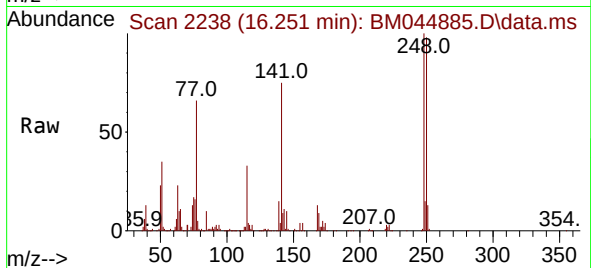
#67  
4-Bromophenyl-phenylether  
Concen: 39.470 ng  
RT: 16.251 min Scan# 2238  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

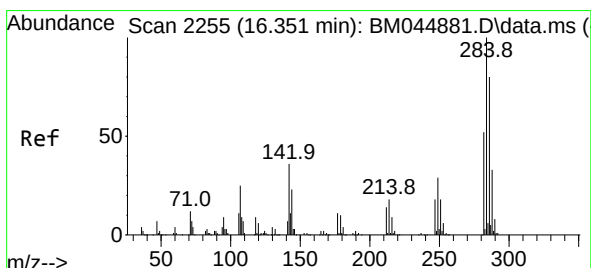
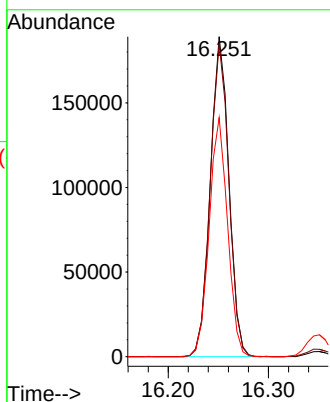
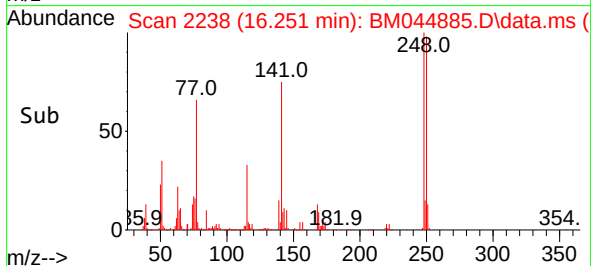


Tgt Ion:248 Resp: 243600  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.5 117.7  
141 74.7 58.0 87.0

Manual Integrations

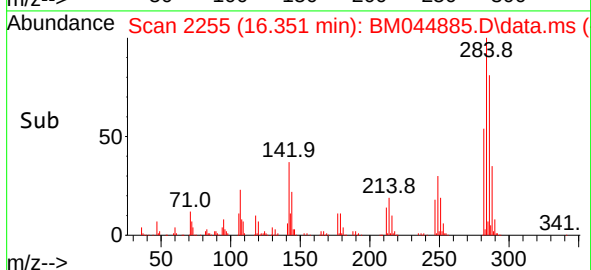
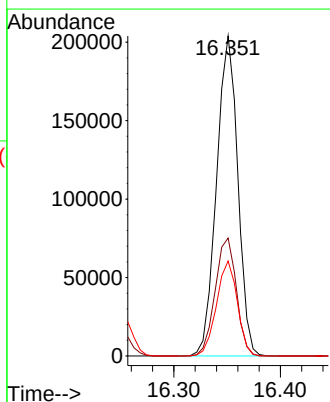
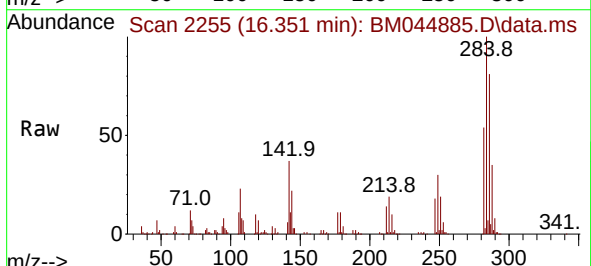
APPROVED

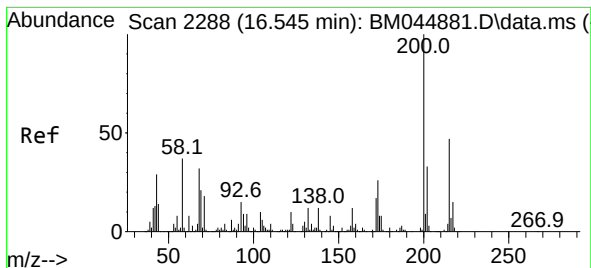
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#68  
Hexachlorobenzene  
Concen: 39.373 ng  
RT: 16.351 min Scan# 2255  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:284 Resp: 281864  
Ion Ratio Lower Upper  
284 100  
142 36.8 29.0 43.4  
249 29.7 23.0 34.6





#69

Atrazine

Concen: 41.282 ng

RT: 16.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

Tgt Ion:200 Resp: 234310

Ion Ratio Lower Upper

200 100

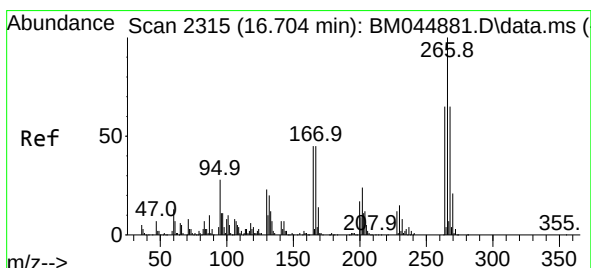
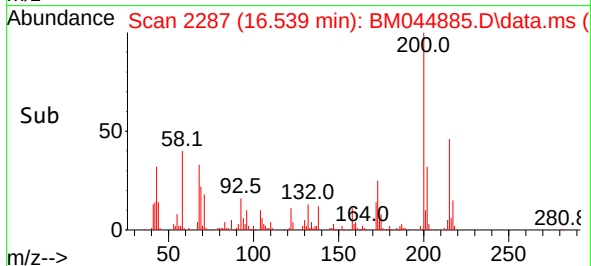
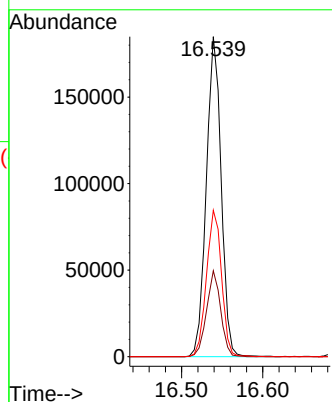
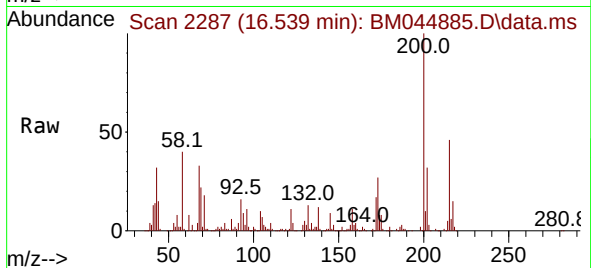
173 26.9 6.1 46.1

215 45.8 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#70

Pentachlorophenol

Concen: 40.572 ng

RT: 16.704 min Scan# 2315

Delta R.T. -0.000 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

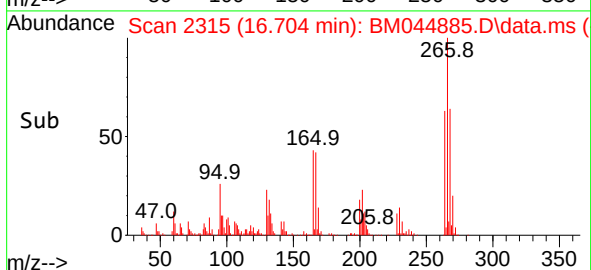
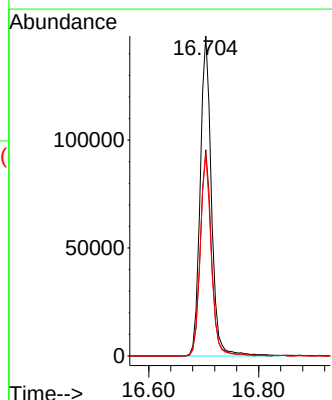
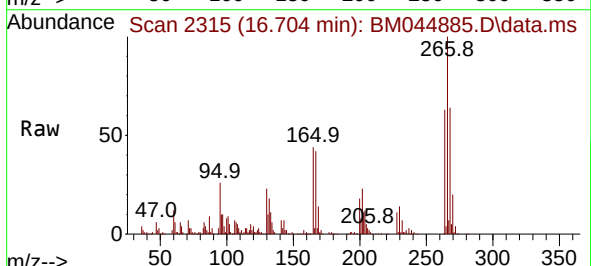
Tgt Ion:266 Resp: 210271

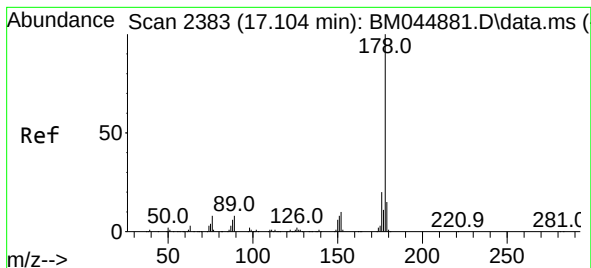
Ion Ratio Lower Upper

266 100

268 64.4 52.0 78.0

264 63.0 51.7 77.5





#71

Phenanthrene

Concen: 39.462 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044885.D

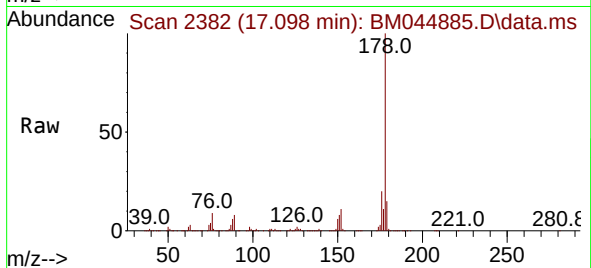
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224



Tgt Ion:178 Resp: 1268594

Ion Ratio Lower Upper

178 100

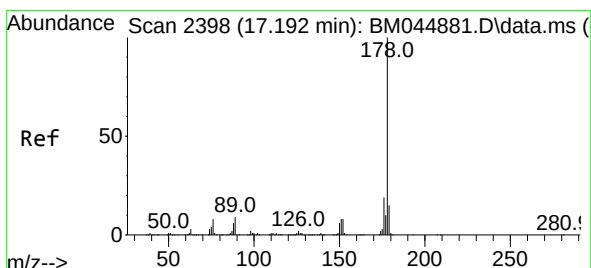
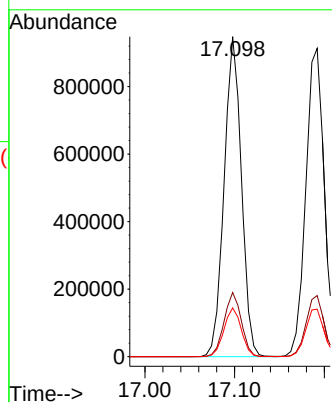
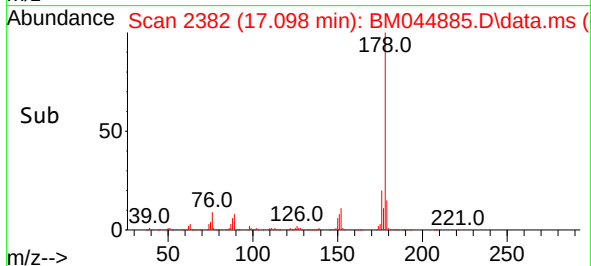
176 20.1 16.2 24.4

179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#72

Anthracene

Concen: 40.103 ng

RT: 17.192 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

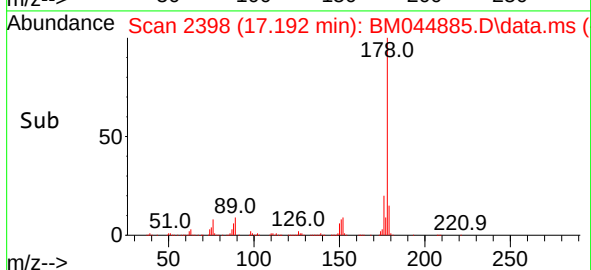
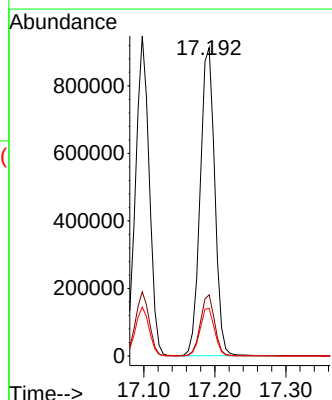
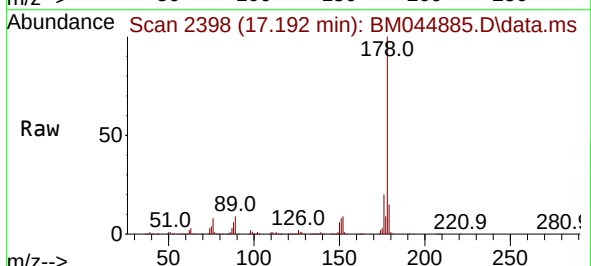
Tgt Ion:178 Resp: 1305293

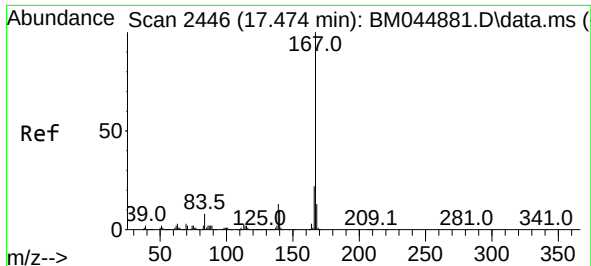
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

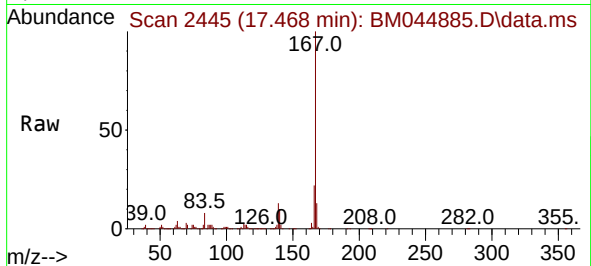
179 15.4 12.3 18.5





#73  
 Carbazole  
 Concen: 40.472 ng  
 RT: 17.468 min Scan# 2446  
 Delta R.T. -0.006 min  
 Lab File: BM044885.D  
 Acq: 02 Apr 2024 19:52

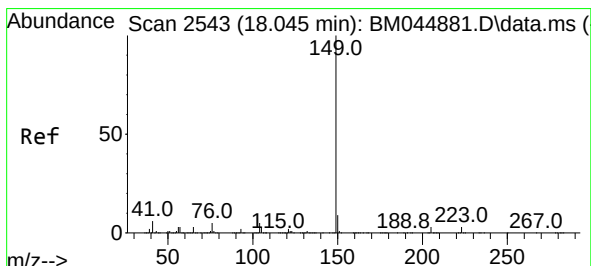
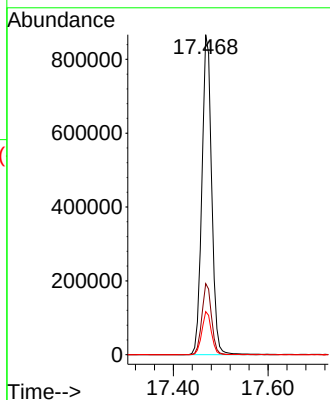
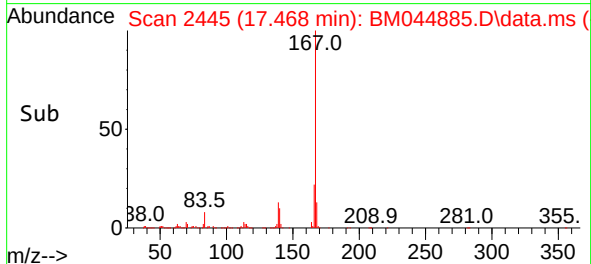
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM040224



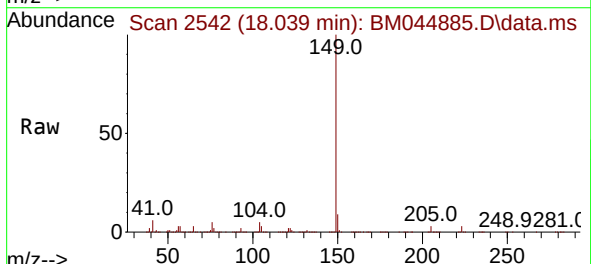
Tgt Ion:167 Resp: 1240088  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.8 26.8  
 139 13.5 10.7 16.1

Manual Integrations  
 APPROVED

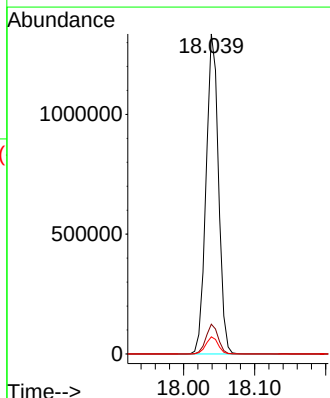
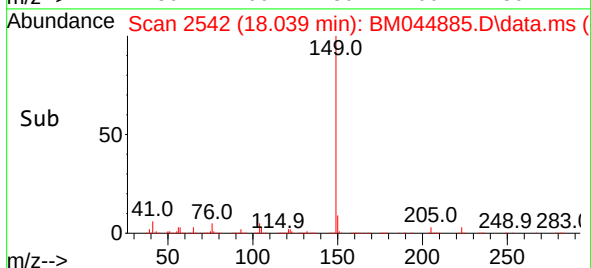
Reviewed By :Jagrut Upadhyay 04/03/2024  
 Supervised By :mohammad ahmed 04/04/2024



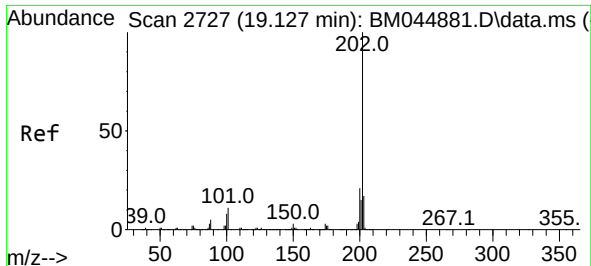
#74  
 Di-n-butylphthalate  
 Concen: 41.198 ng  
 RT: 18.039 min Scan# 2542  
 Delta R.T. -0.006 min  
 Lab File: BM044885.D  
 Acq: 02 Apr 2024 19:52



Tgt Ion:149 Resp: 1625173  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.3 4.2 6.2

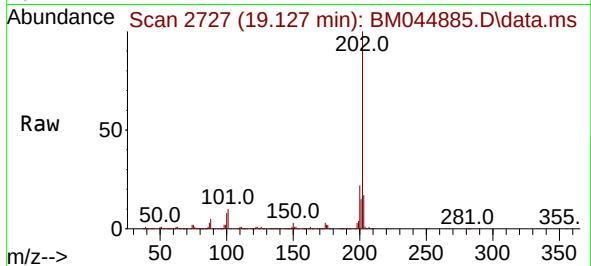






#75  
Fluoranthene  
Concen: 39.625 ng  
RT: 19.127 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

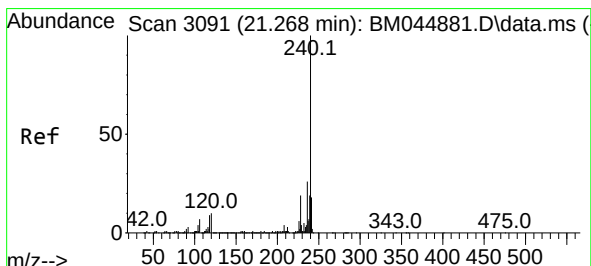
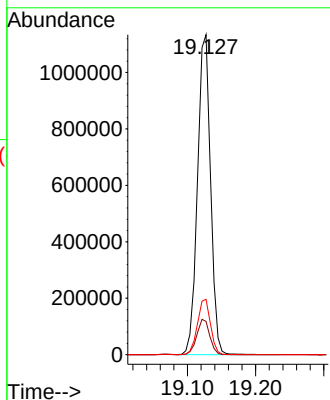
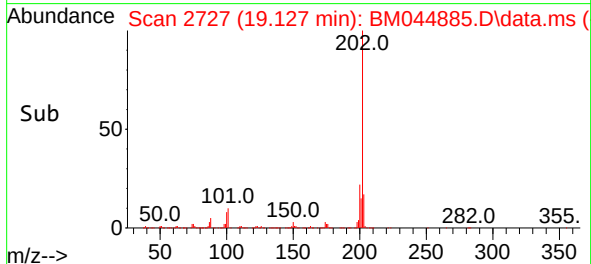
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:202 Resp: 150741  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.9  
203 17.3 0.0 37.4

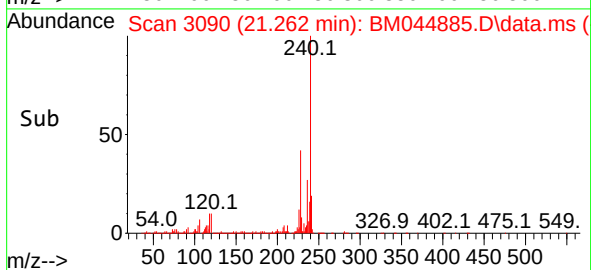
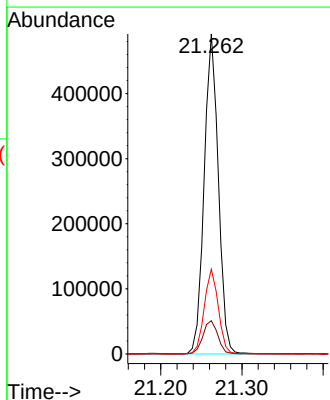
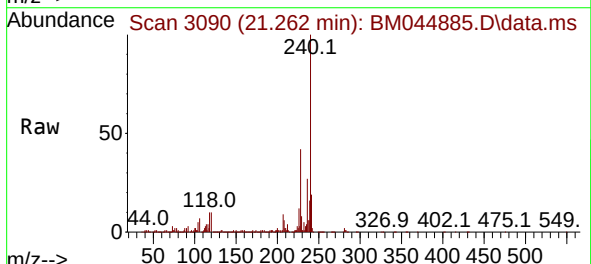
Manual Integrations  
APPROVED

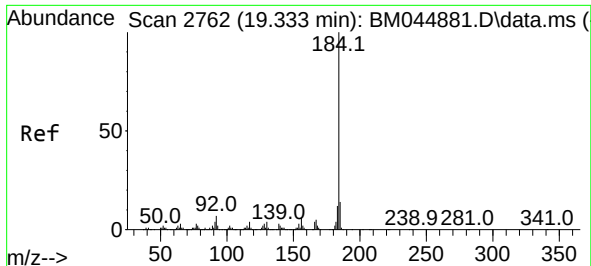
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.262 min Scan# 3090  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

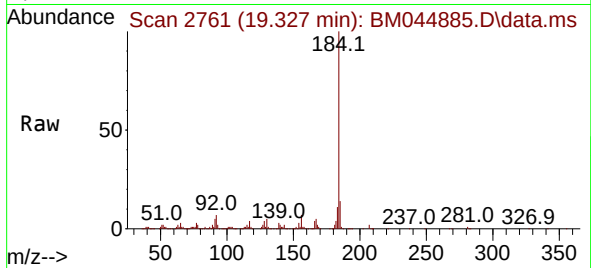
Tgt Ion:240 Resp: 594461  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.8 11.8  
236 26.5 20.6 30.8





#77  
Benzidine  
Concen: 45.977 ng  
RT: 19.327 min Scan# 2761  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

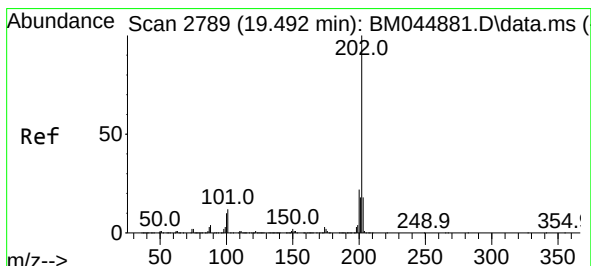
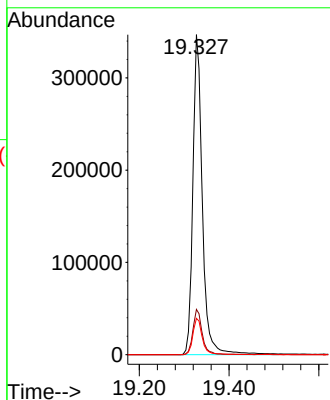
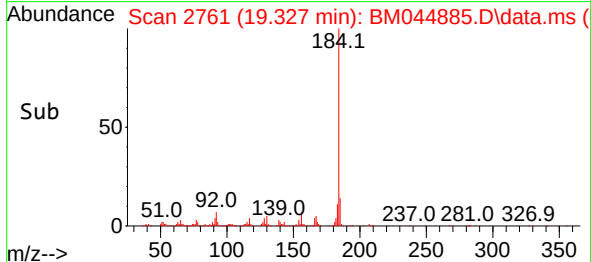
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



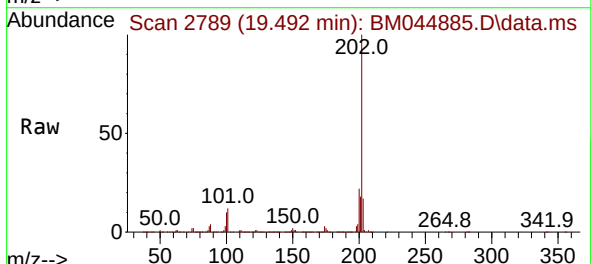
Tgt Ion:184 Resp: 510082  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.0 16.4  
183 11.3 9.3 13.9

Manual Integrations  
APPROVED

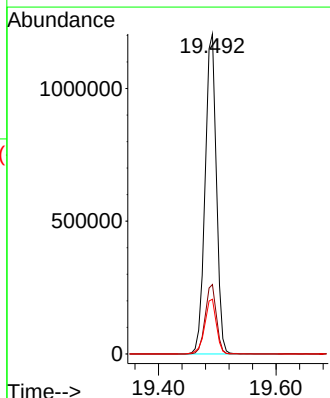
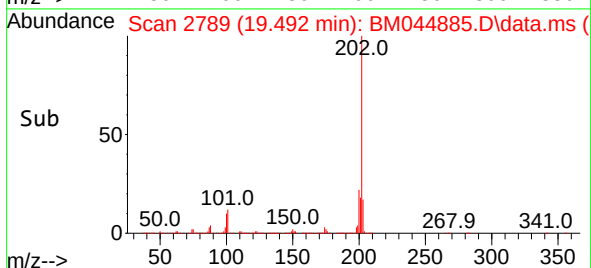
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024

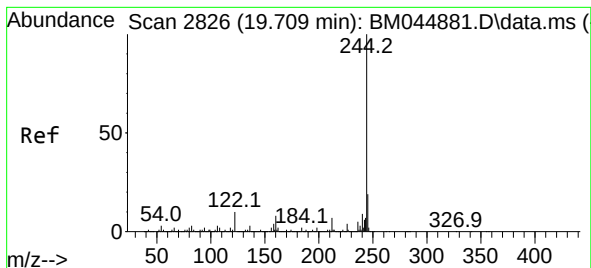


#78  
Pyrene  
Concen: 40.557 ng  
RT: 19.492 min Scan# 2789  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:202 Resp: 1605371  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.0  
203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 79.031 ng

RT: 19.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

Tgt Ion:244 Resp: 2749580

Ion Ratio Lower Upper

244 100

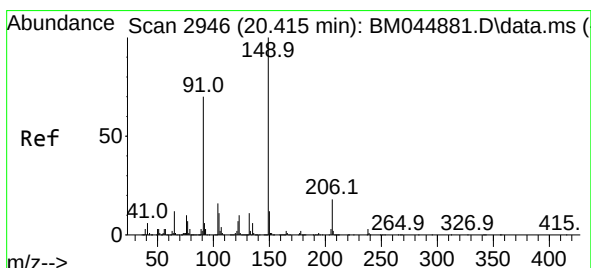
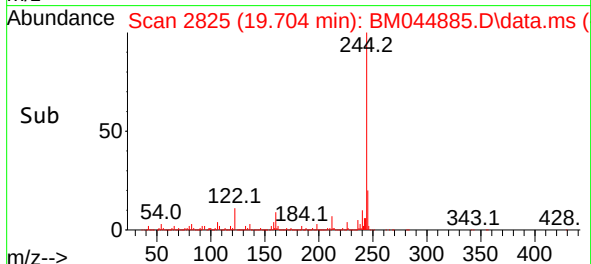
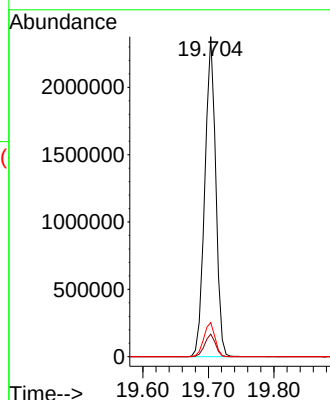
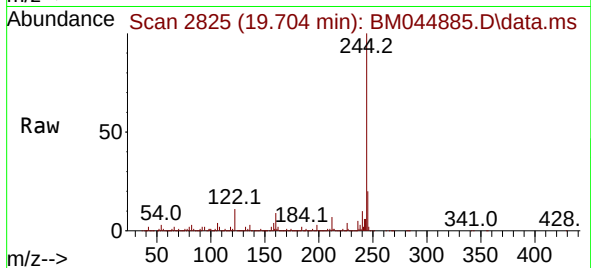
212 7.0 5.7 8.5

122 10.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#80

Butylbenzylphthalate

Concen: 41.828 ng

RT: 20.409 min Scan# 2945

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

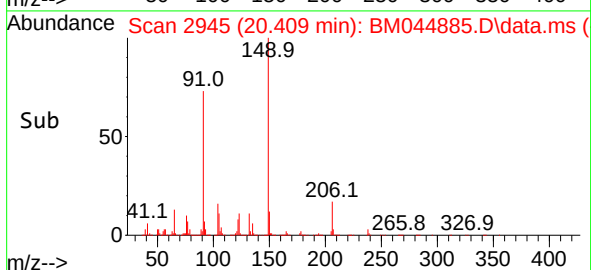
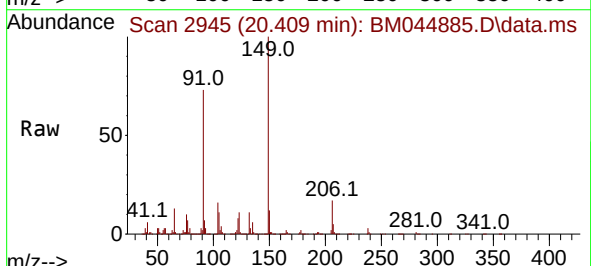
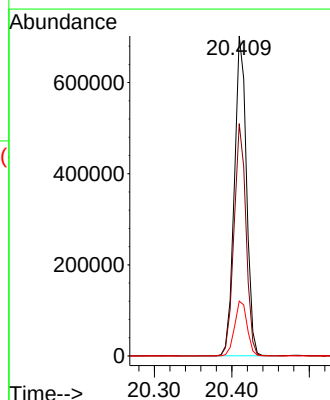
Tgt Ion:149 Resp: 764047

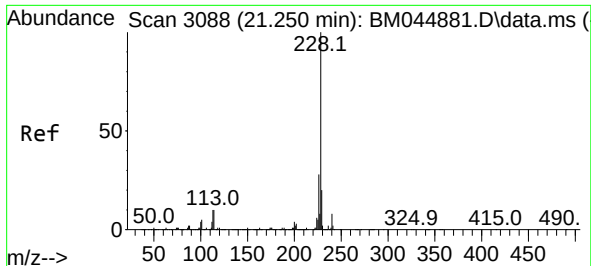
Ion Ratio Lower Upper

149 100

91 72.6 56.2 84.2

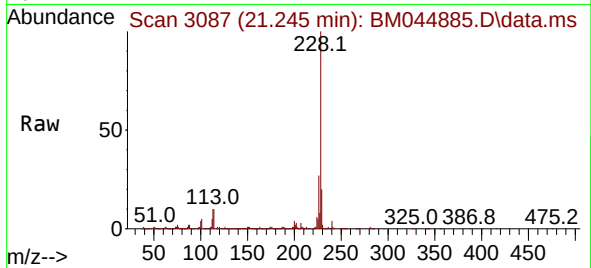
206 17.2 14.8 22.2





#81  
Benzo(a)anthracene  
Concen: 39.882 ng  
RT: 21.245 min Scan# 3087  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

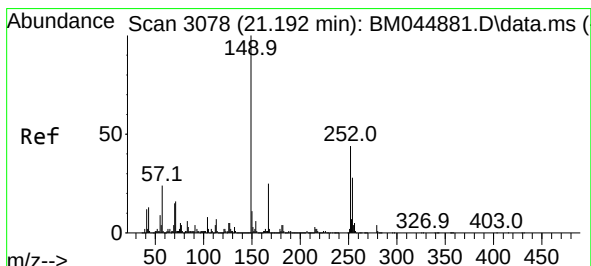
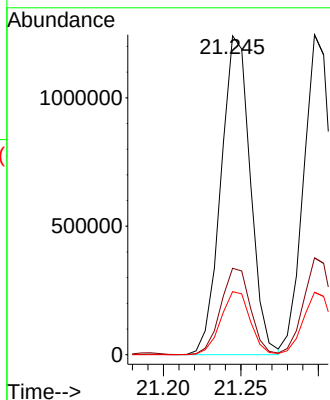
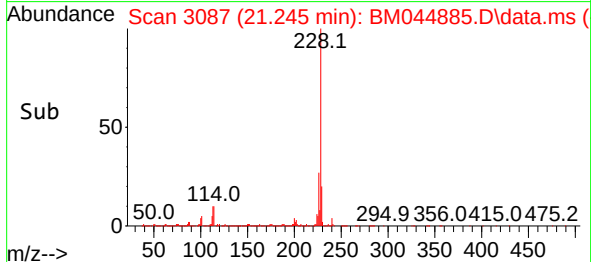
Instrument : BNA\_M  
ClientSampleId : ICVBM040224



Tgt Ion:228 Resp: 163581  
Ion Ratio Lower Upper  
228 100  
226 27.1 22.3 33.5  
229 19.8 15.8 23.8

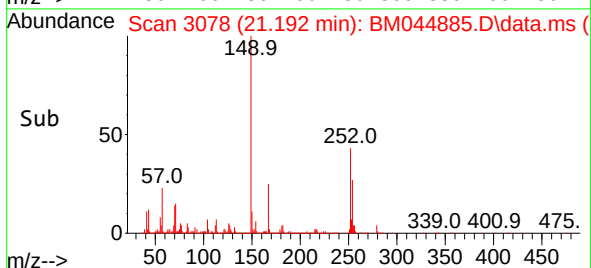
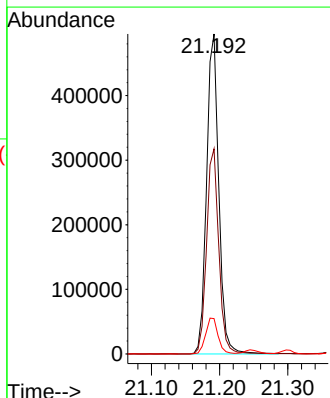
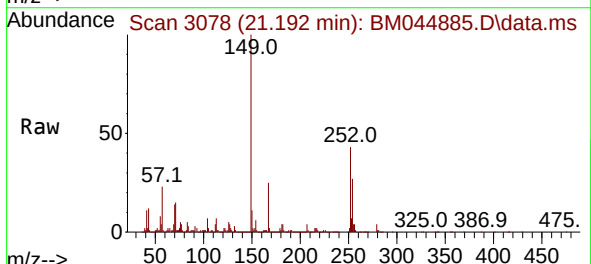
Manual Integrations  
APPROVED

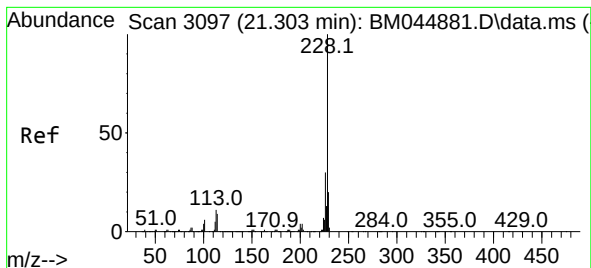
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 40.700 ng  
RT: 21.192 min Scan# 3078  
Delta R.T. 0.000 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:252 Resp: 616390  
Ion Ratio Lower Upper  
252 100  
254 64.1 50.7 76.1  
126 11.1 9.2 13.8





#83

Chrysene

Concen: 39.799 ng

RT: 21.298 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

Tgt Ion:228 Resp: 154923

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

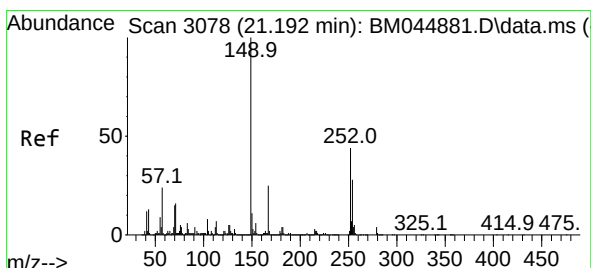
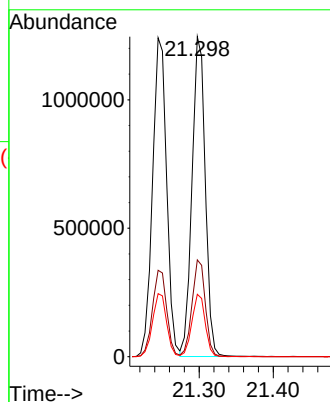
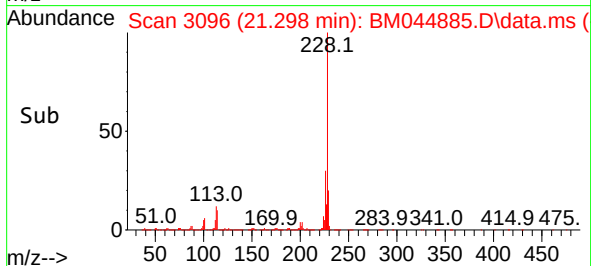
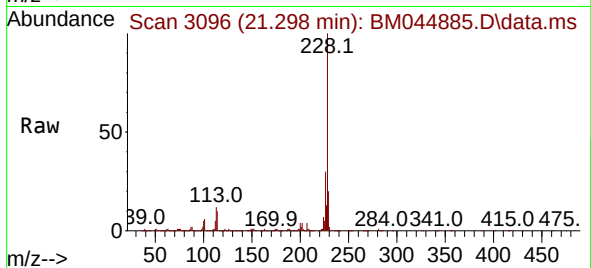
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024

Supervised By :mohammad ahmed 04/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.363 ng

RT: 21.192 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

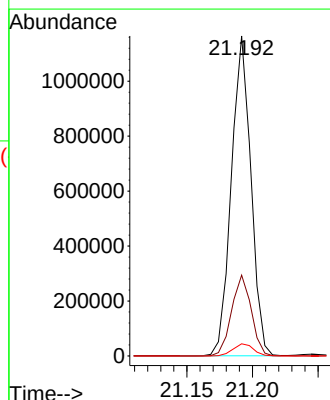
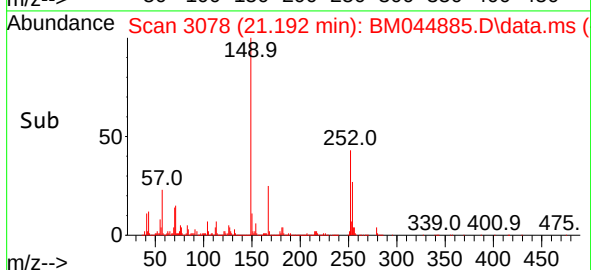
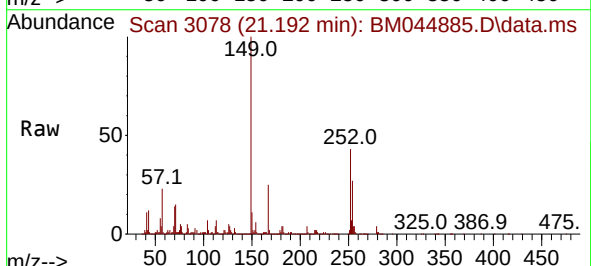
Tgt Ion:149 Resp: 1206875

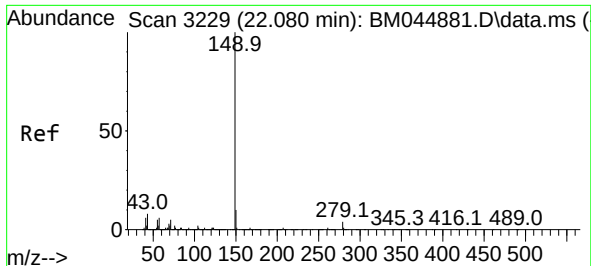
Ion Ratio Lower Upper

149 100

167 25.2 20.3 30.5

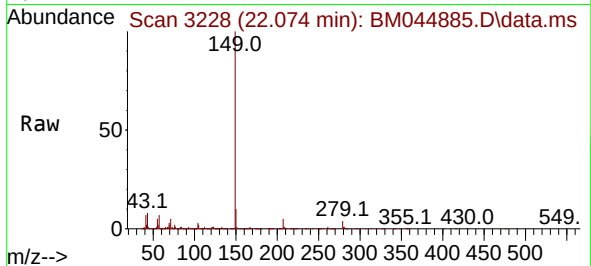
279 3.8 2.8 4.2





#85  
Di-n-octyl phthalate  
Concen: 42.306 ng  
RT: 22.074 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

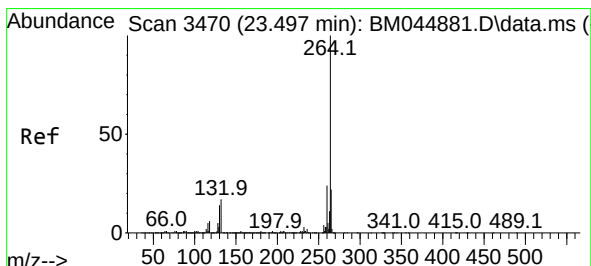
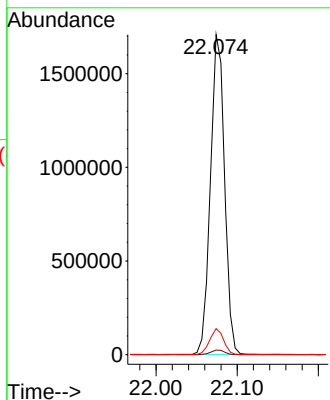
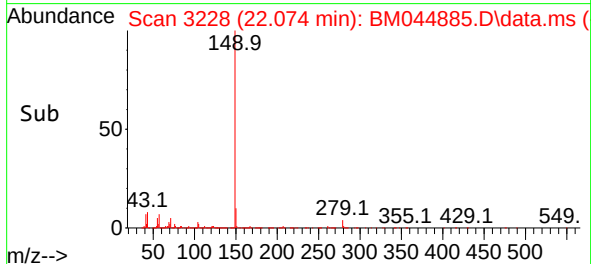
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:149 Resp: 205435  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 8.1 6.6 10.0

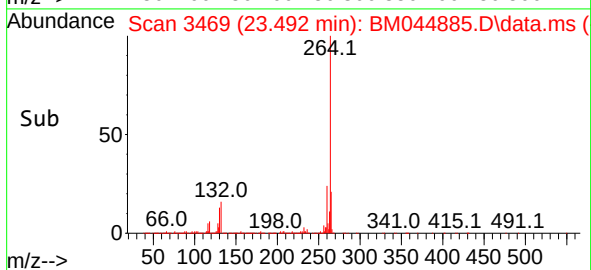
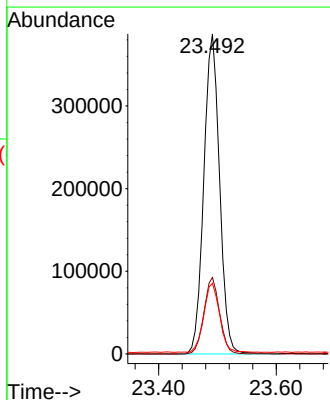
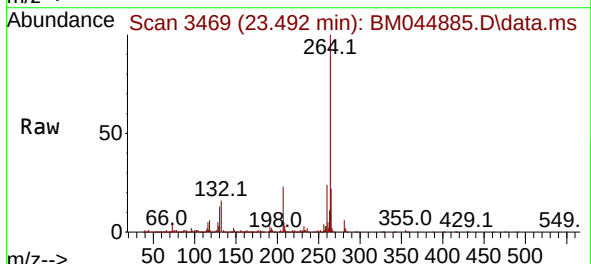
Manual Integrations  
APPROVED

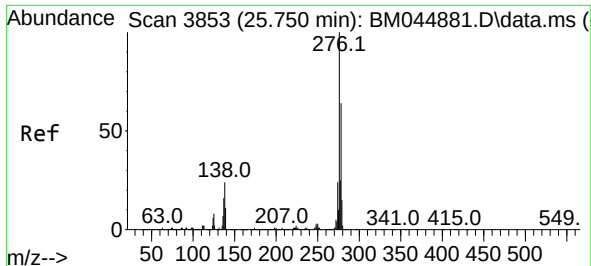
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.492 min Scan# 3469  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

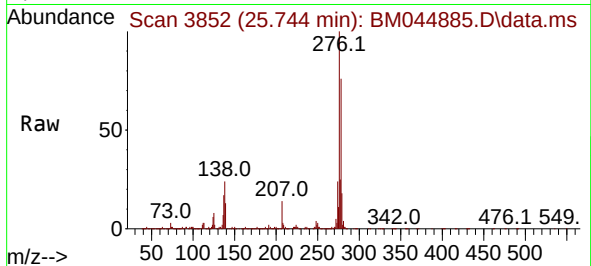
Tgt Ion:264 Resp: 718617  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.2 28.8  
265 22.1 17.8 26.6





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.229 ng  
RT: 25.744 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

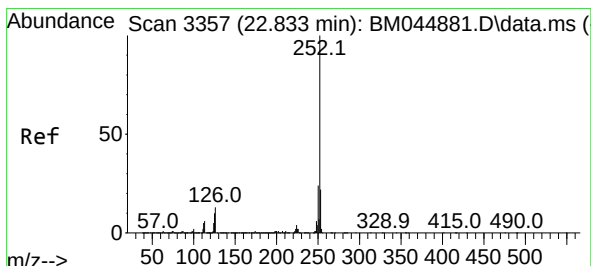
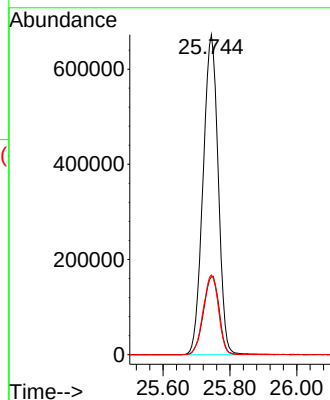
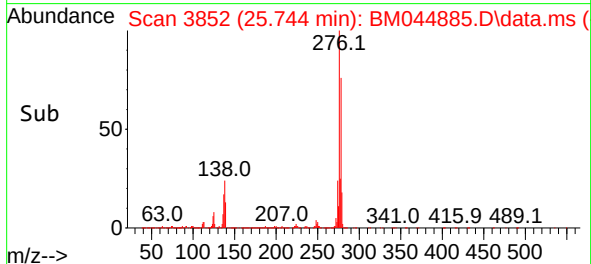
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM040224



Tgt Ion:276 Resp: 211522  
Ion Ratio Lower Upper  
276 100  
138 25.3 20.2 30.2  
277 25.2 20.2 30.4

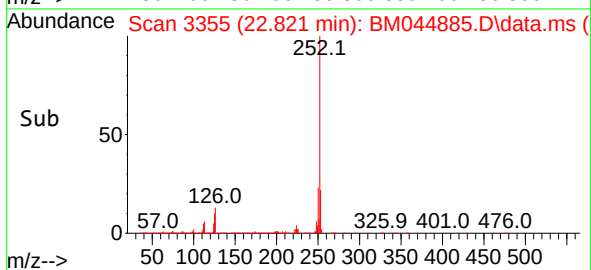
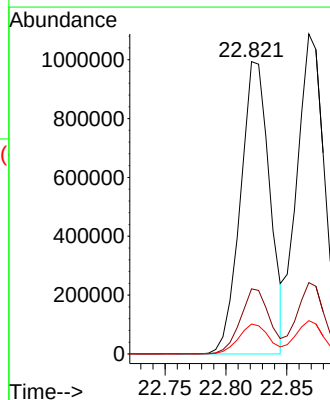
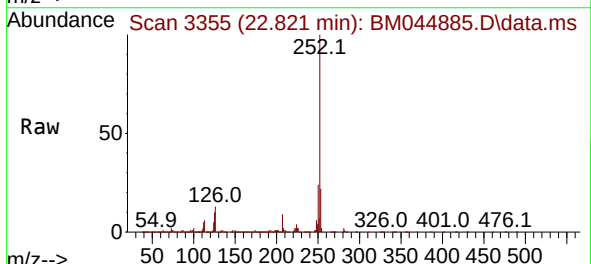
Manual Integrations  
APPROVED

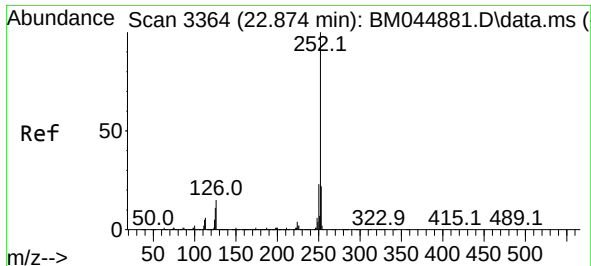
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#88  
Benzo(b)fluoranthene  
Concen: 39.129 ng  
RT: 22.821 min Scan# 3355  
Delta R.T. -0.012 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Tgt Ion:252 Resp: 1667263  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 10.3 7.8 11.8





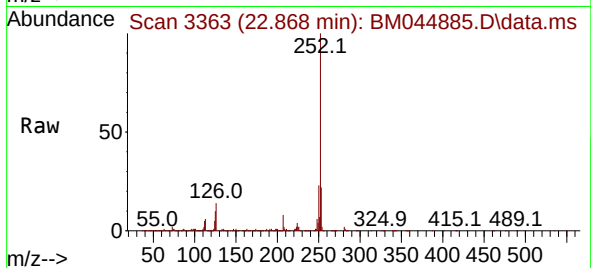
#89  
Benzo(k)fluoranthene  
Concen: 40.657 ng  
RT: 22.868 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

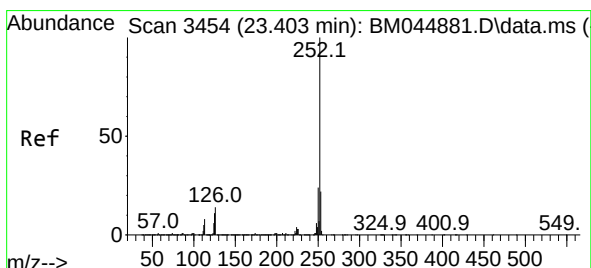
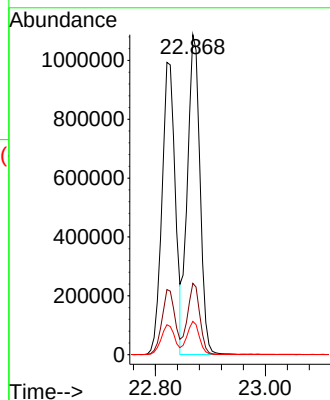
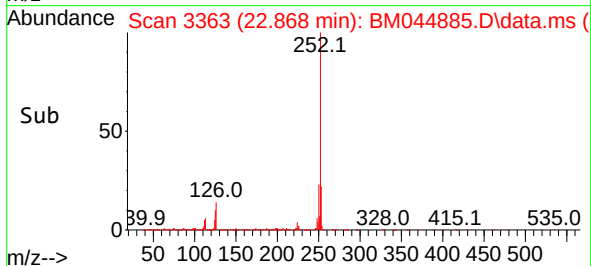


Tgt Ion:252 Resp: 172035  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 10.4 8.6 12.8

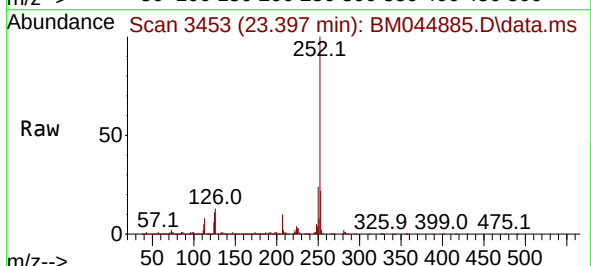
Manual Integrations

APPROVED

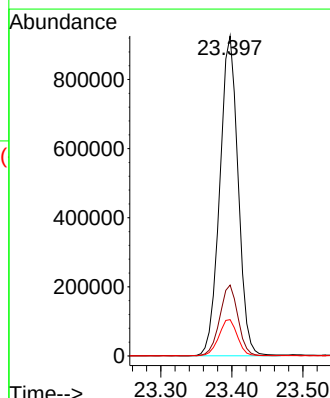
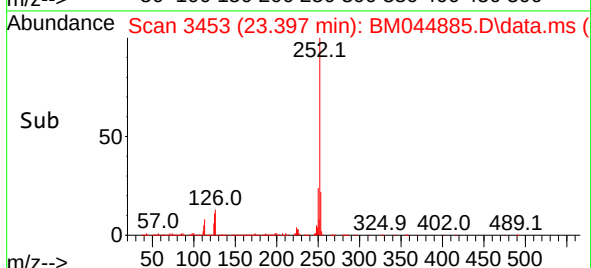
Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



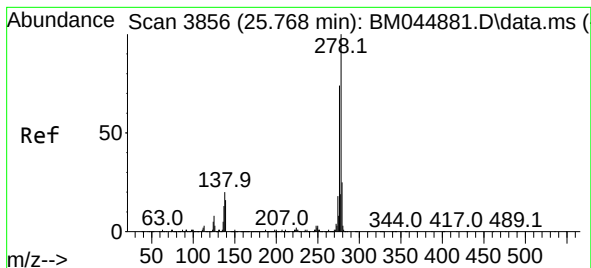
#90  
Benzo(a)pyrene  
Concen: 40.087 ng  
RT: 23.397 min Scan# 3453  
Delta R.T. -0.006 min  
Lab File: BM044885.D  
Acq: 02 Apr 2024 19:52



Tgt Ion:252 Resp: 1654412  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 11.4 8.9 13.3







#91

Dibenzo(a,h)anthracene

Concen: 39.437 ng

RT: 25.756 min Scan# 3854

Delta R.T. -0.012 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Instrument :

BNA\_M

ClientSampleId :

ICVBM040224

Tgt Ion:278 Resp: 1790619

Ion Ratio Lower Upper

278 100

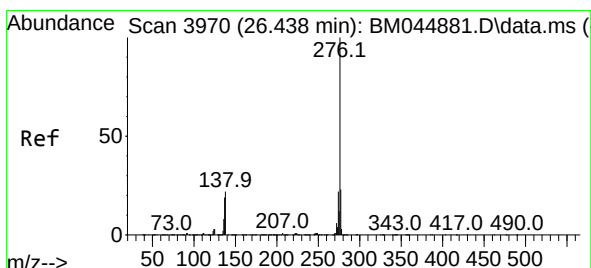
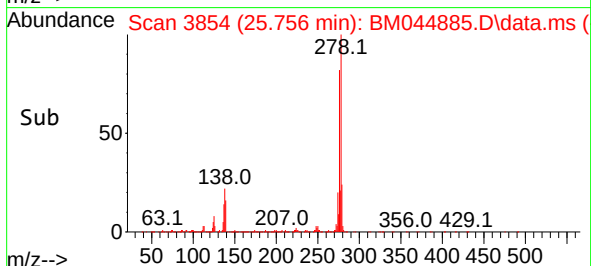
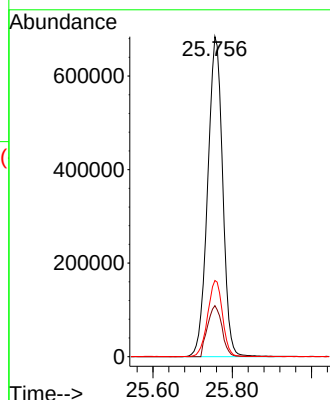
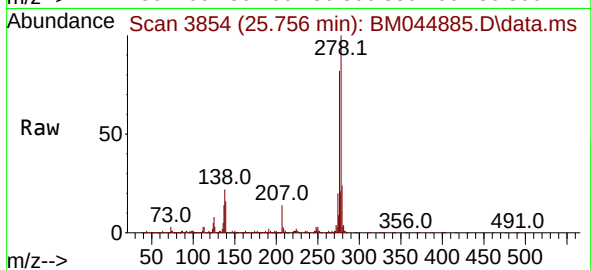
139 16.0 12.7 19.1

279 23.8 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024  
Supervised By :mohammad ahmed 04/04/2024



#92

Benzo(g,h,i)perylene

Concen: 39.506 ng

RT: 26.427 min Scan# 3968

Delta R.T. -0.012 min

Lab File: BM044885.D

Acq: 02 Apr 2024 19:52

Tgt Ion:276 Resp: 1723127

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 21.0 17.4 26.2

