

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103023\  
 Data File : BM042496.D  
 Acq On : 30 Oct 2023 16:23  
 Operator : MA/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM103023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 03:02:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 02:55:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 83692    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.739 | 136  | 348596   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.574 | 164  | 214244   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.327 | 188  | 463127   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.509 | 240  | 443902   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.933 | 264  | 458727   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 419161   | 80.829 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.087  | 99   | 586131   | 82.414 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.122  | 82   | 630314   | 84.290 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.074 | 330  | 234025   | 83.666 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 1321592  | 83.005 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.945 | 244  | 2315183  | 88.435 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.316  | 88   | 98701    | 39.938 | ng    | 99       |
| 3) Pyridine                   | 3.752  | 79   | 282353   | 39.827 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.663  | 42   | 138877   | 40.705 | ng    | 93       |
| 6) Aniline                    | 7.269  | 93   | 366039   | 40.490 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.481  | 128  | 227508   | 40.687 | ng    | 98       |
| 9) Benzaldehyde               | 7.087  | 77   | 165797   | 40.449 | ng    | 99       |
| 10) Phenol                    | 7.116  | 94   | 295401   | 40.897 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.363  | 93   | 244813   | 40.063 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.798  | 146  | 242087   | 40.059 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 241849   | 39.543 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.269  | 146  | 235656   | 39.908 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.187  | 79   | 211524   | 42.010 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 385067m  | 39.599 | ng    |          |
| 17) 2-Methylphenol            | 8.375  | 107  | 210408   | 41.140 | ng    | 99       |
| 18) Hexachloroethane          | 8.981  | 117  | 97323    | 40.668 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.745  | 70   | 214032   | 42.541 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.710  | 107  | 284508   | 41.608 | ng    | 97       |
| 22) Acetophenone              | 8.775  | 105  | 366101   | 41.641 | ng    | 100      |
| 24) Nitrobenzene              | 9.169  | 77   | 306261   | 41.581 | ng    | 97       |
| 25) Isophorone                | 9.686  | 82   | 557712   | 42.137 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.869  | 139  | 122690   | 39.818 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.910  | 122  | 214928m  | 42.447 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 10.163 | 93   | 334385   | 41.934 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.386 | 162  | 214365   | 42.786 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.592 | 180  | 225581   | 41.085 | ng    | 99       |
| 31) Naphthalene               | 10.792 | 128  | 740284   | 41.103 | ng    | 99       |
| 32) Benzoic acid              | 10.069 | 122  | 162936   | 40.286 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.933 | 127  | 304324   | 43.335 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.016 | 225  | 139050   | 41.711 | ng    | 99       |
| 35) Caprolactam               | 11.798 | 113  | 74437    | 42.286 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.039 | 107  | 247618   | 43.428 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.398 | 142  | 534194   | 42.115 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.622 | 142  | 501988   | 42.046 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 266681   | 41.666 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.692 | 237  | 141188   | 40.089 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.010 | 196  | 175617   | 42.839 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103023\  
 Data File : BM042496.D  
 Acq On : 30 Oct 2023 16:23  
 Operator : MA/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**

BNA\_M

**ClientSampleId :**

ICVBM103023

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 03:02:57 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

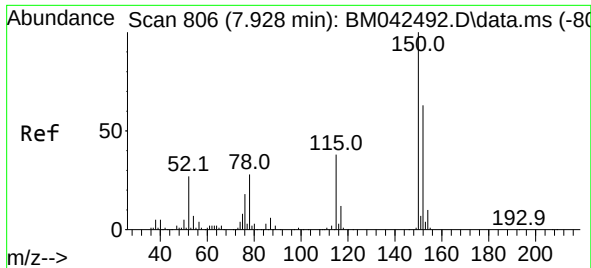
QLast Update : Tue Oct 31 02:55:18 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.080 | 196  | 209271   | 42.898 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.410 | 154  | 682456   | 41.671 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.457 | 162  | 496015   | 41.285 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.704 | 65   | 187647   | 39.564 | ng    | 93       |
| 49) Acenaphthylene            | 14.304 | 152  | 841176   | 42.275 | ng    | 100      |
| 50) Dimethylphthalate         | 14.045 | 163  | 670193   | 41.854 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.192 | 165  | 142731   | 43.250 | ng    | 97       |
| 52) Acenaphthene              | 14.639 | 154  | 501919   | 41.563 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.533 | 138  | 141855   | 39.207 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.733 | 184  | 84709    | 40.417 | ng    | 96       |
| 55) Dibenzofuran              | 14.974 | 168  | 831464   | 42.348 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.827 | 139  | 112011   | 41.058 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.974 | 165  | 195474   | 39.824 | ng    | 95       |
| 58) Fluorene                  | 15.621 | 166  | 665719   | 41.906 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.198 | 232  | 175335   | 42.672 | ng    | 100      |
| 60) Diethylphthalate          | 15.392 | 149  | 683422   | 42.128 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 335719   | 41.831 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.698 | 138  | 128844   | 40.057 | ng    | 95       |
| 63) Azobenzene                | 15.910 | 77   | 770734   | 43.114 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.721 | 198  | 120476   | 41.381 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.839 | 169  | 566405   | 43.374 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.510 | 248  | 204463   | 44.151 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.592 | 284  | 219406   | 42.826 | ng    | 99       |
| 69) Atrazine                  | 16.792 | 200  | 158630   | 42.040 | ng    | 99       |
| 70) Pentachlorophenol         | 16.957 | 266  | 163028   | 43.284 | ng    | 98       |
| 71) Phenanthrene              | 17.368 | 178  | 1041156  | 43.018 | ng    | 100      |
| 72) Anthracene                | 17.462 | 178  | 1052390  | 43.900 | ng    | 100      |
| 73) Carbazole                 | 17.751 | 167  | 905322   | 46.422 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.274 | 149  | 1207732  | 44.100 | ng    | 99       |
| 75) Fluoranthene              | 19.386 | 202  | 1240903  | 43.647 | ng    | 99       |
| 77) Benzidine                 | 19.603 | 184  | 228582   | 53.683 | ng    | 99       |
| 78) Pyrene                    | 19.750 | 202  | 1322386  | 43.384 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.633 | 149  | 560163   | 43.028 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.492 | 228  | 1188870  | 42.094 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 386424   | 43.050 | ng    | 99       |
| 83) Chrysene                  | 21.550 | 228  | 1167194  | 40.684 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.380 | 149  | 817164   | 41.532 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.309 | 149  | 1392712  | 41.124 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.468 | 276  | 1167984  | 42.780 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.186 | 252  | 1038783  | 40.646 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.238 | 252  | 1159324  | 40.710 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.827 | 252  | 1003614  | 39.888 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.485 | 278  | 932211   | 37.935 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.262 | 276  | 1005420  | 41.783 | ng    | 99       |

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





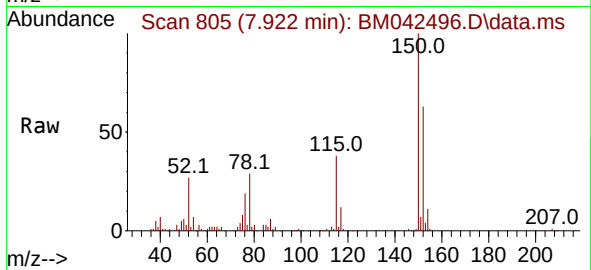
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023



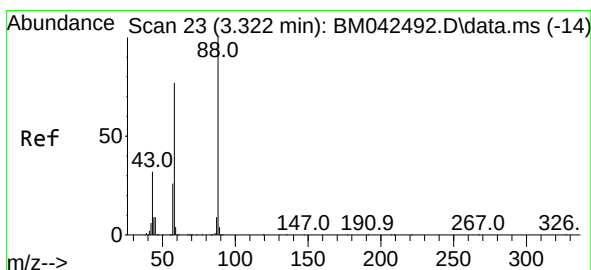
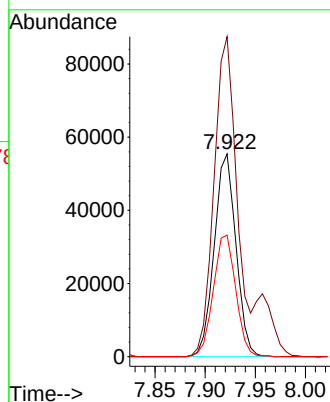
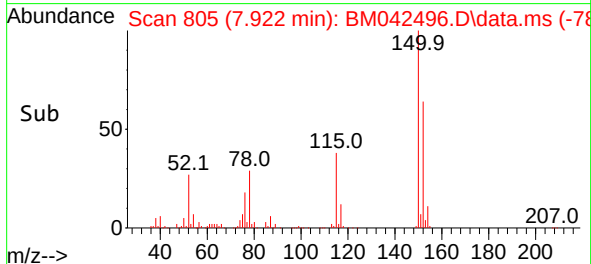
Tgt Ion:152 Resp: 83692  
Ion Ratio Lower Upper  
152 100  
150 157.8 127.4 191.0  
115 60.0 47.9 71.9

Manual Integrations

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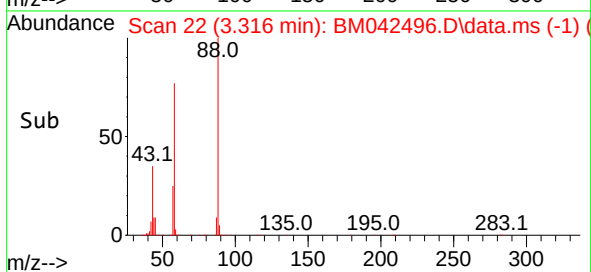
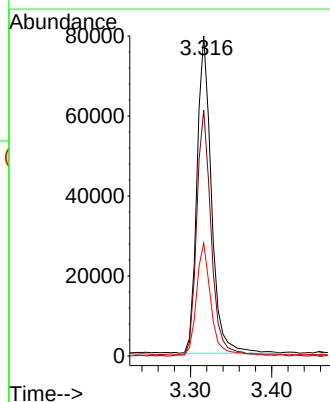
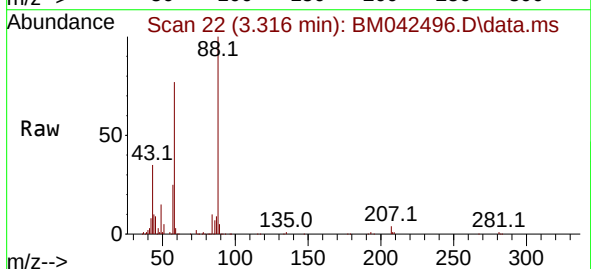
Reviewed By :Yogesh Patel 10/31/2023

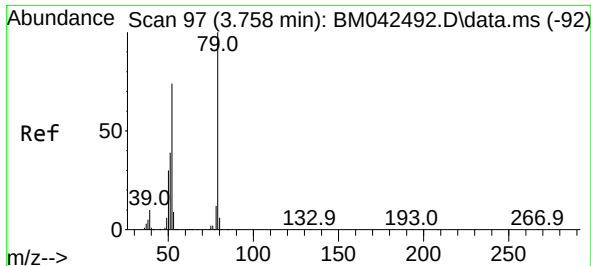
Supervised By :mohammad ahmed 10/31/2023



#2  
1,4-Dioxane  
Concen: 39.938 ng  
RT: 3.316 min Scan# 22  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

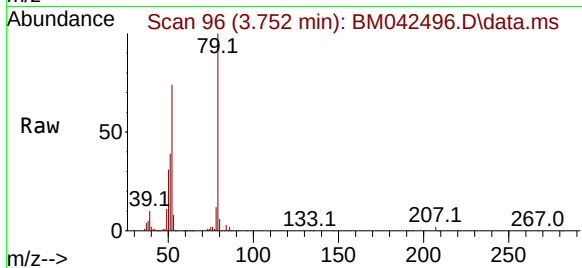
Tgt Ion: 88 Resp: 98701  
Ion Ratio Lower Upper  
88 100  
58 78.4 62.6 93.8  
43 33.8 26.5 39.7





#3  
Pyridine  
Concen: 39.827 ng  
RT: 3.752 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

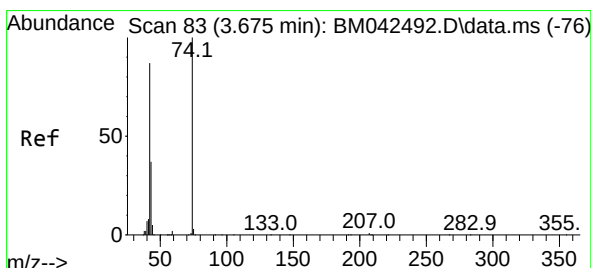
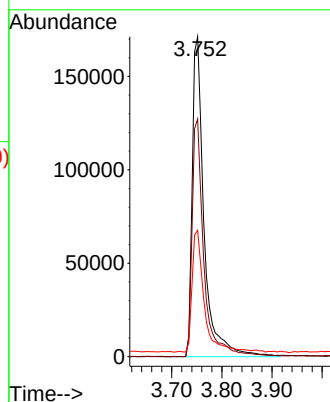
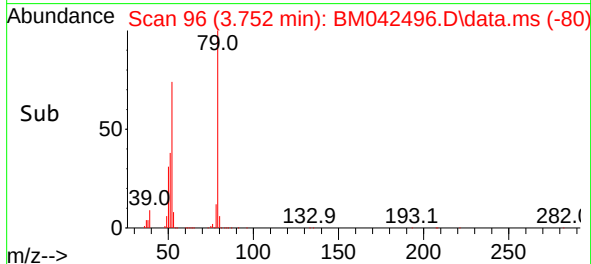
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion: 79 Resp: 28235  
Ion Ratio Lower Upper  
79 100  
52 74.3 59.3 88.9  
51 39.5 32.7 49.1

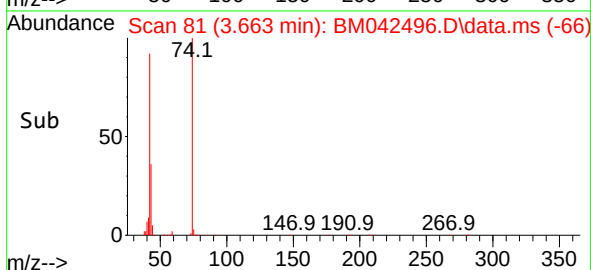
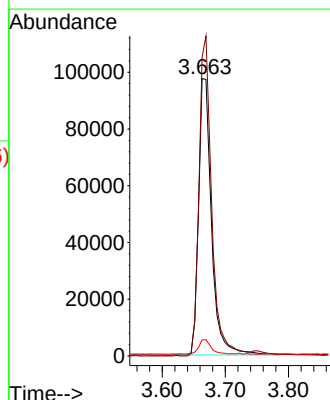
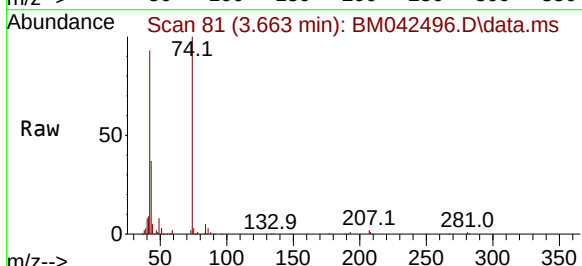
Manual Integrations  
APPROVED

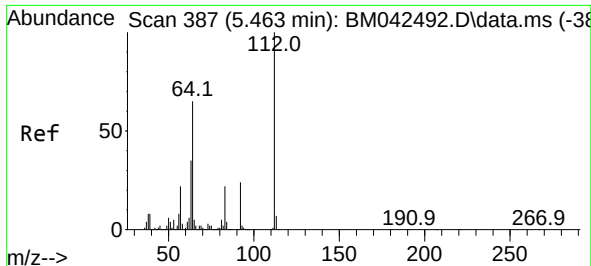
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#4  
n-Nitrosodimethylamine  
Concen: 40.705 ng  
RT: 3.663 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion: 42 Resp: 138877  
Ion Ratio Lower Upper  
42 100  
74 107.7 92.2 138.2  
44 5.8 5.1 7.7





#5  
2-Fluorophenol  
Concen: 80.829 ng  
RT: 5.457 min Scan# 387  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

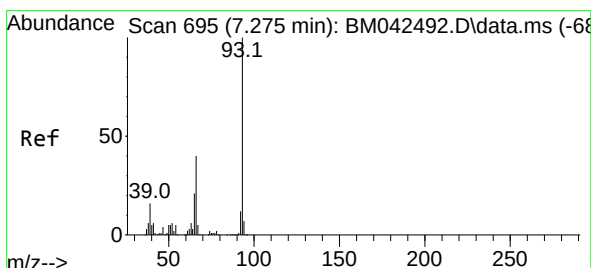
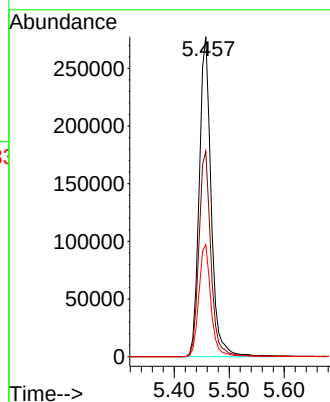
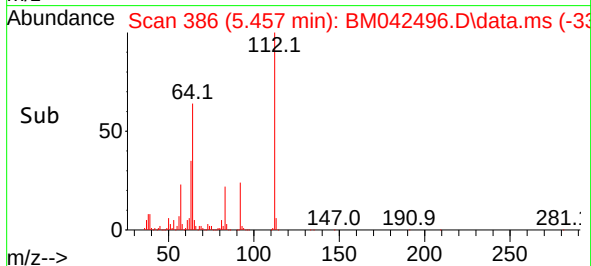
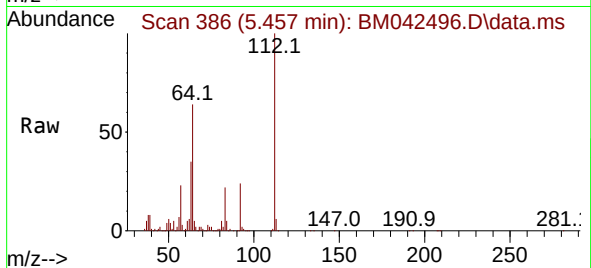
ClientSampleId :

ICVBM103023

Tgt Ion:112 Resp: 41916  
Ion Ratio Lower Upper  
112 100  
64 64.2 52.1 78.1  
63 35.0 28.3 42.5

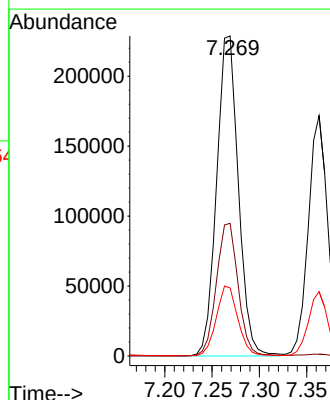
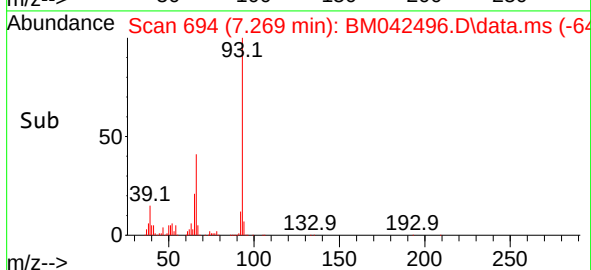
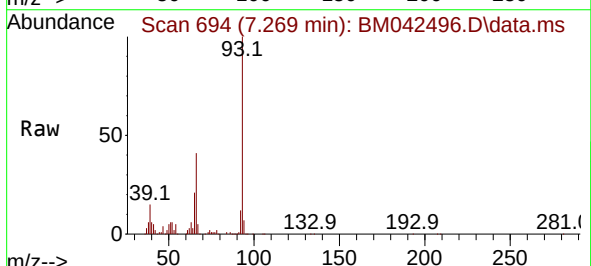
Manual Integrations  
APPROVED

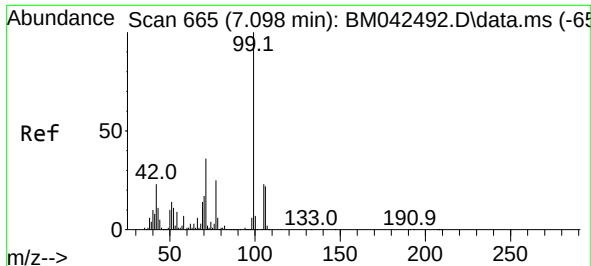
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#6  
Aniline  
Concen: 40.490 ng  
RT: 7.269 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

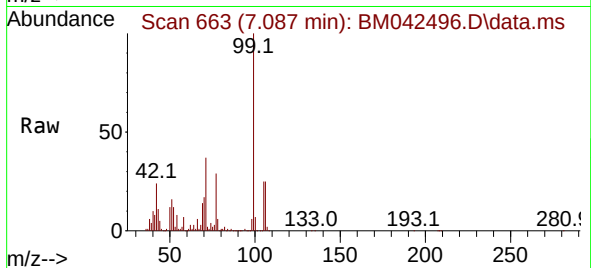
Tgt Ion: 93 Resp: 366039  
Ion Ratio Lower Upper  
93 100  
66 41.5 32.2 48.2  
65 21.2 17.0 25.6





#7  
Phenol-d6  
Concen: 82.414 ng  
RT: 7.087 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

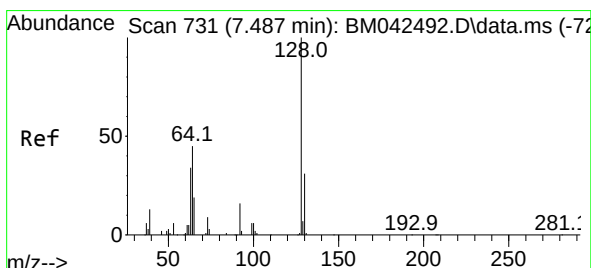
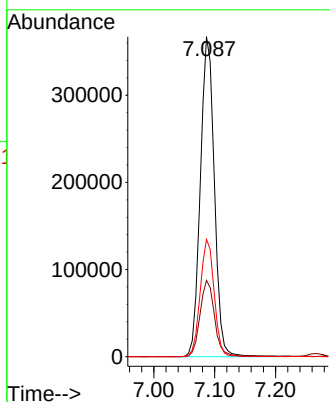
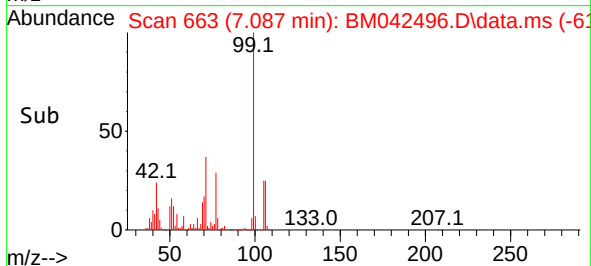
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion: 99 Resp: 58613  
Ion Ratio Lower Upper  
99 100  
42 23.8 18.7 28.1  
71 36.7 29.1 43.7

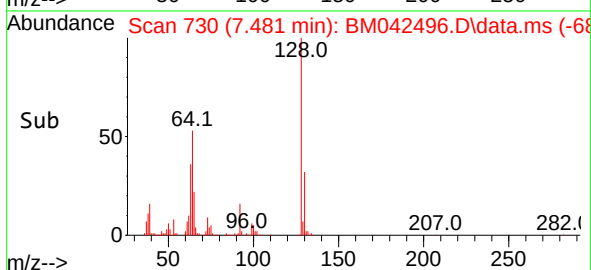
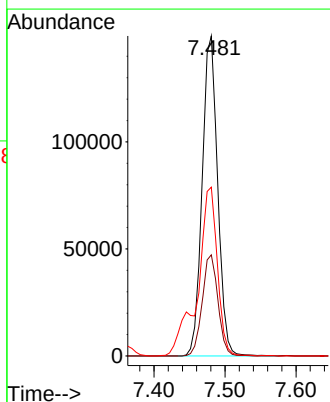
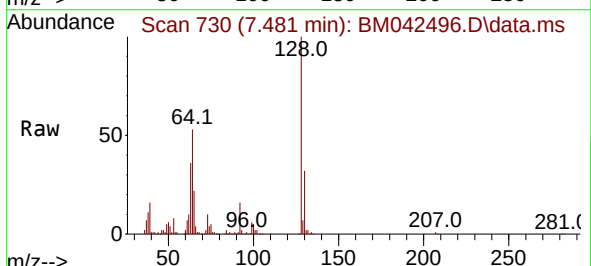
Manual Integrations  
APPROVED

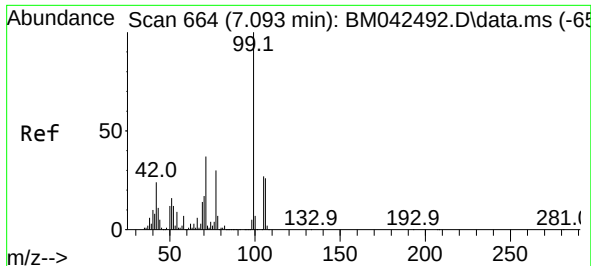
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#8  
2-Chlorophenol  
Concen: 40.687 ng  
RT: 7.481 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

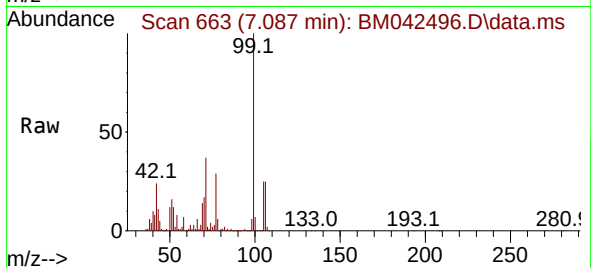
Tgt Ion:128 Resp: 227508  
Ion Ratio Lower Upper  
128 100  
130 31.6 11.2 51.2  
64 52.8 34.4 74.4





#9  
Benzaldehyde  
Concen: 40.449 ng  
RT: 7.087 min Scan# 664  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

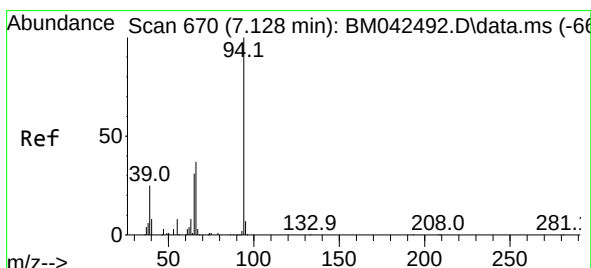
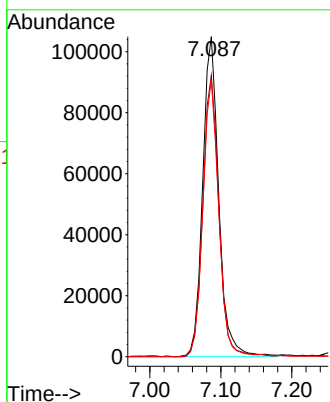
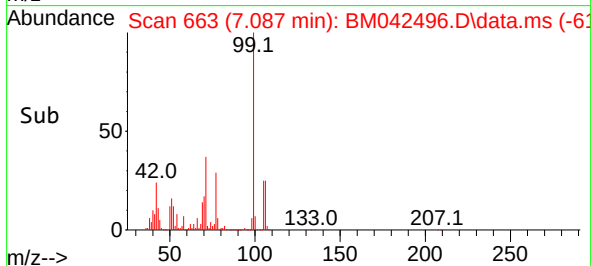
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion: 77 Resp: 16579  
Ion Ratio Lower Upper  
77 100  
105 87.9 69.7 109.7  
106 86.4 66.4 106.4

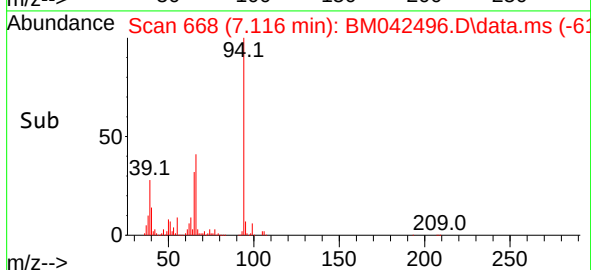
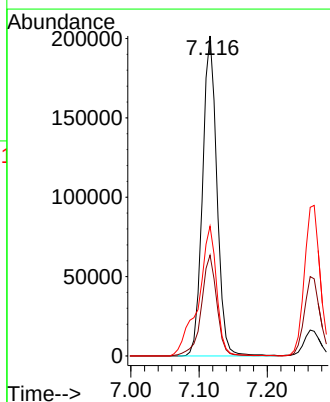
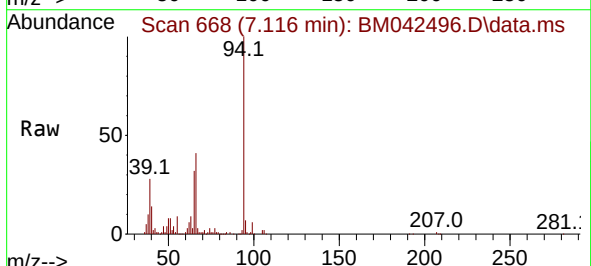
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

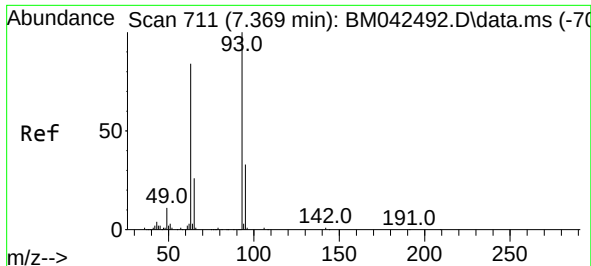


#10  
Phenol  
Concen: 40.897 ng  
RT: 7.116 min Scan# 668  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion: 94 Resp: 295401  
Ion Ratio Lower Upper  
94 100  
65 31.5 11.5 51.5  
66 40.6 20.0 60.0







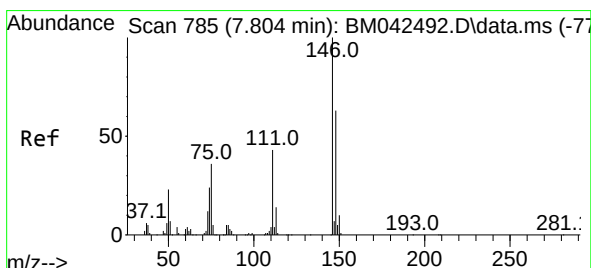
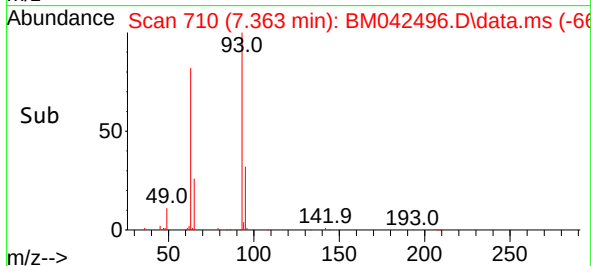
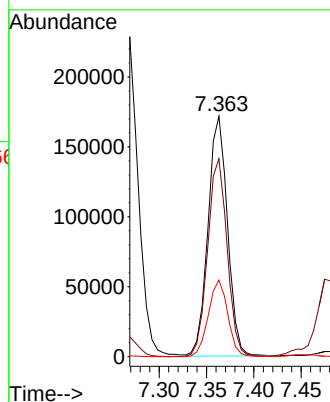
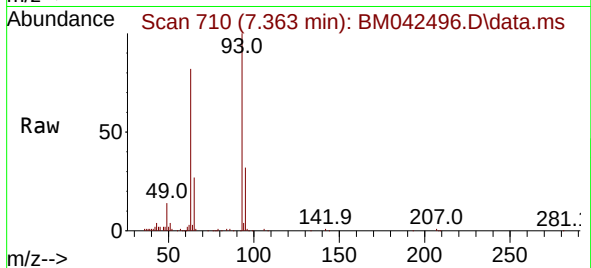
#11  
bis(2-Chloroethyl)ether  
Concen: 40.063 ng  
RT: 7.363 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023

Tgt Ion: 93 Resp: 24481  
Ion Ratio Lower Upper  
93 100  
63 82.4 63.2 103.2  
95 31.9 12.3 52.3

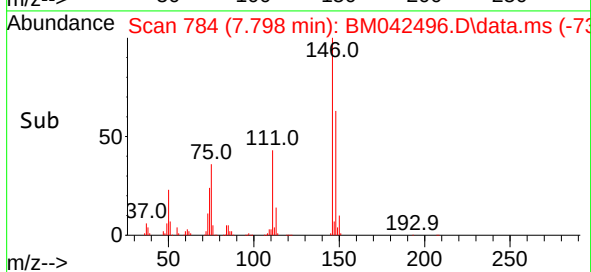
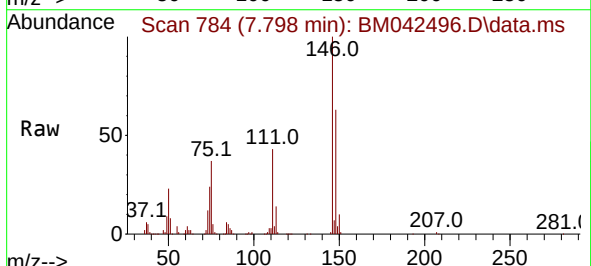
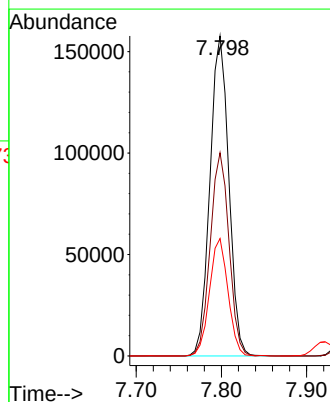
Manual Integrations  
APPROVED

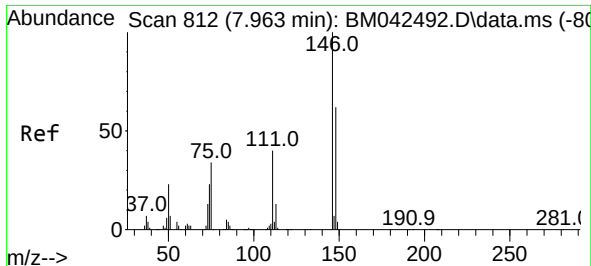
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#12  
1,3-Dichlorobenzene  
Concen: 40.059 ng  
RT: 7.798 min Scan# 784  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:146 Resp: 242087  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.4 75.6  
75 36.7 28.9 43.3





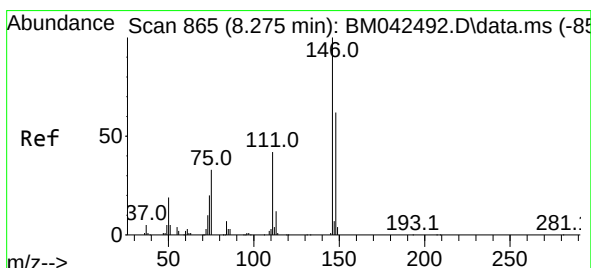
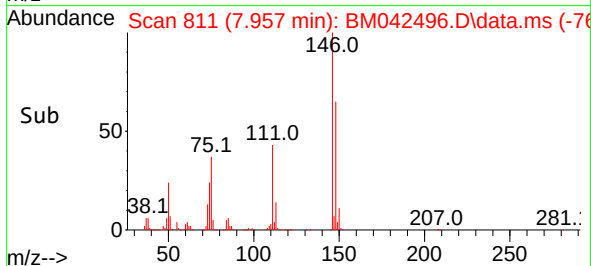
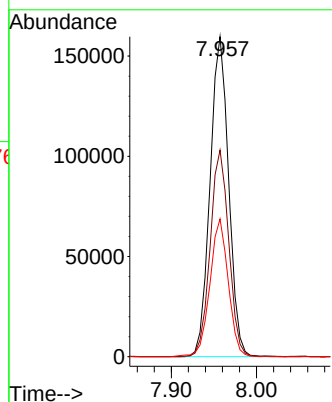
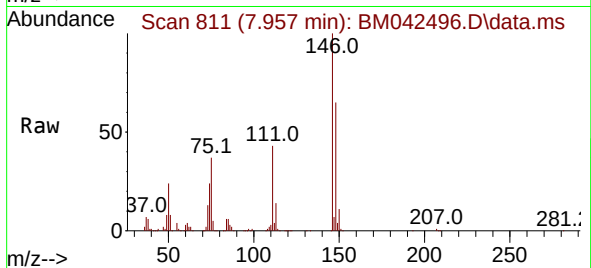
#13  
1,4-Dichlorobenzene  
Concen: 39.543 ng  
RT: 7.957 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023

Tgt Ion:146 Resp: 241849  
Ion Ratio Lower Upper  
146 100  
148 64.5 50.0 75.0  
111 43.0 32.5 48.7

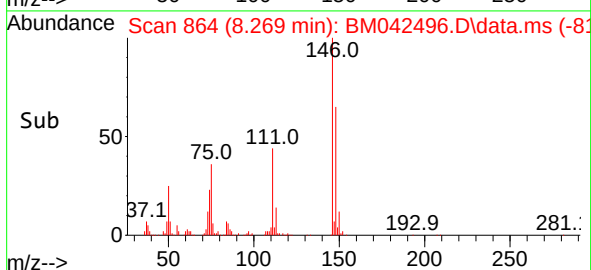
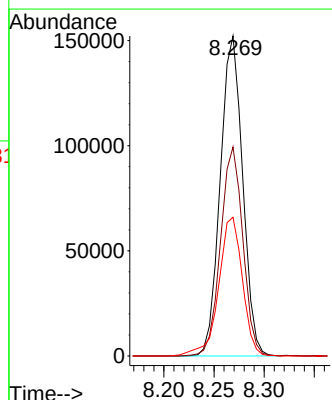
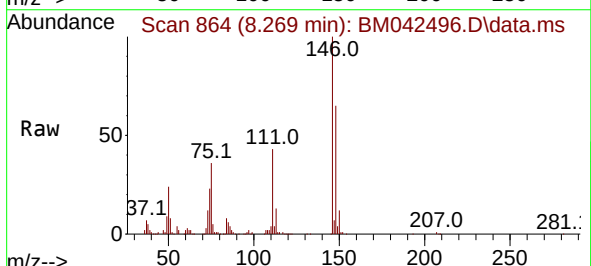
Manual Integrations  
APPROVED

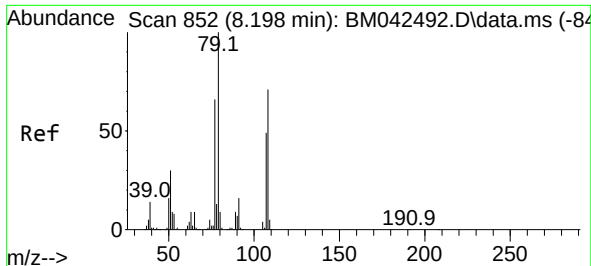
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#14  
1,2-Dichlorobenzene  
Concen: 39.908 ng  
RT: 8.269 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

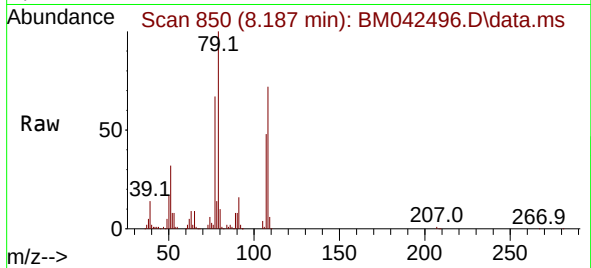
Tgt Ion:146 Resp: 235656  
Ion Ratio Lower Upper  
146 100  
148 65.3 50.0 75.0  
111 43.4 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 42.010 ng  
RT: 8.187 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

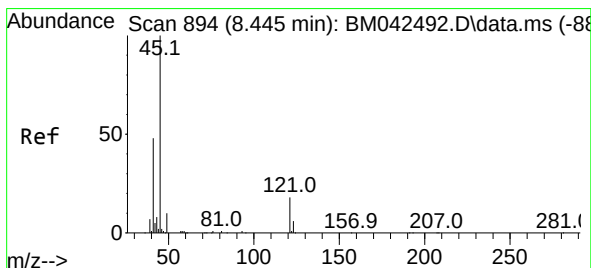
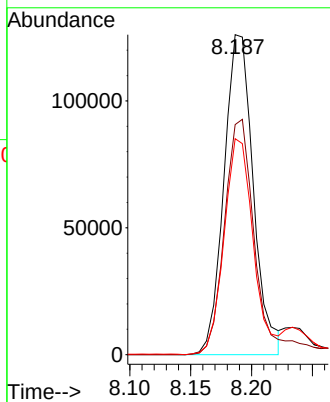
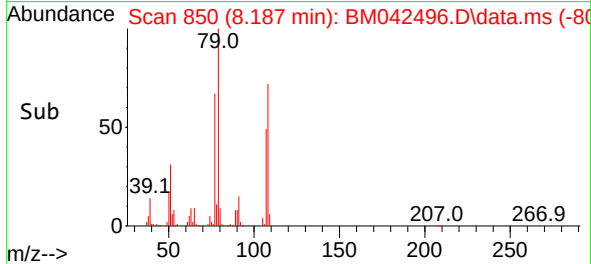
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



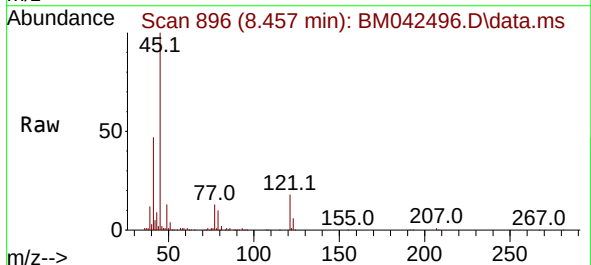
Tgt Ion: 79 Resp: 211524  
Ion Ratio Lower Upper  
79 100  
108 71.9 56.8 85.2  
77 67.5 53.0 79.4

Manual Integrations  
APPROVED

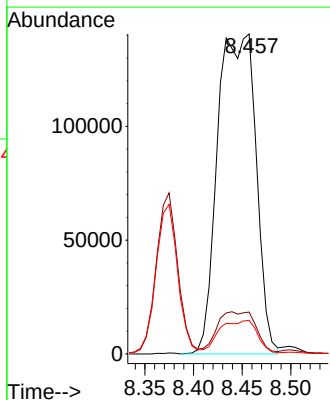
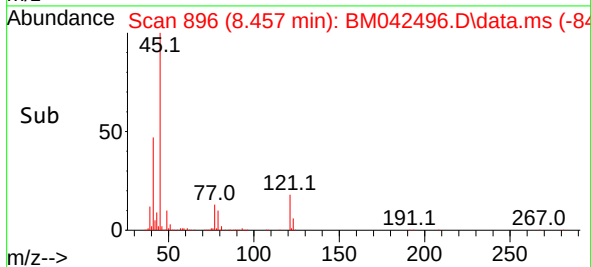
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

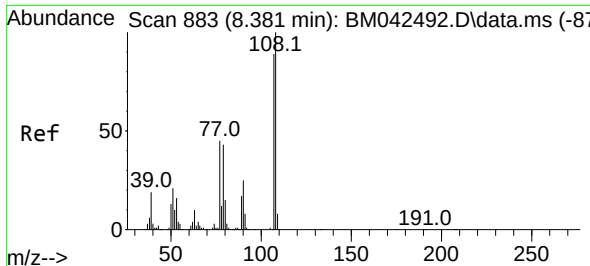


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.599 ng m  
RT: 8.457 min Scan# 896  
Delta R.T. 0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



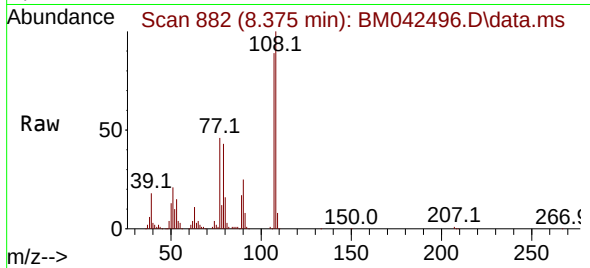
Tgt Ion: 45 Resp: 385067  
Ion Ratio Lower Upper  
45 100  
77 13.1 0.0 33.0  
79 10.5 0.0 29.5





#17  
2-Methylphenol  
Concen: 41.140 ng  
RT: 8.375 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

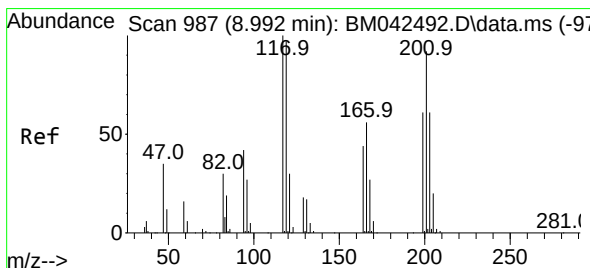
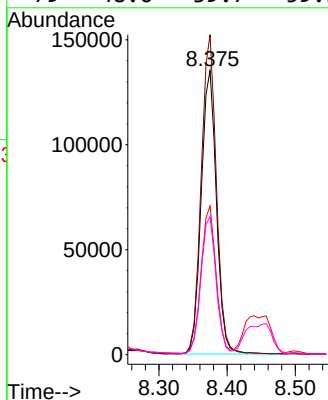
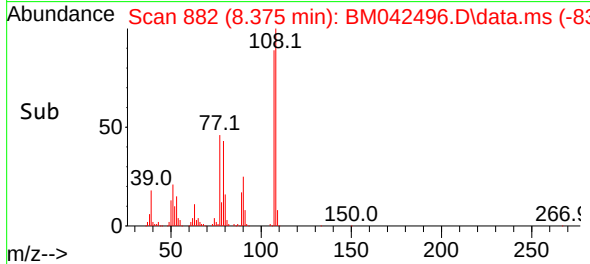
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:107 Resp: 210408  
Ion Ratio Lower Upper  
107 100  
108 112.6 90.4 135.6  
77 52.3 40.6 60.8  
79 48.6 39.7 59.5

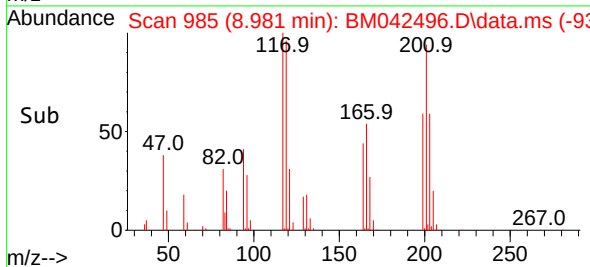
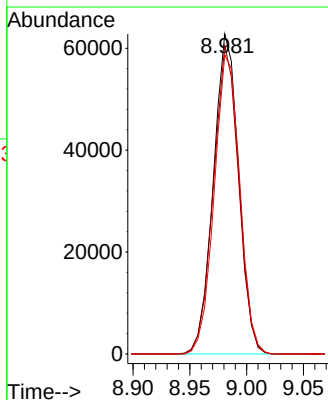
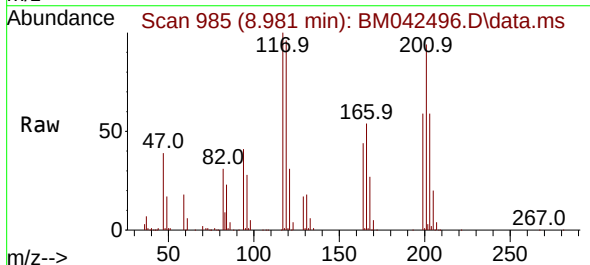
Manual Integrations  
APPROVED

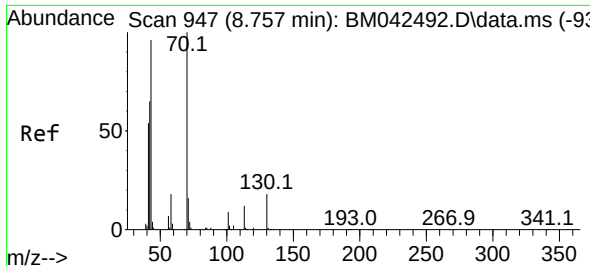
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#18  
Hexachloroethane  
Concen: 40.668 ng  
RT: 8.981 min Scan# 985  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

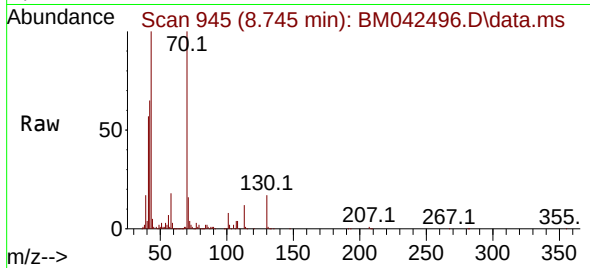
Tgt Ion:117 Resp: 97323  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.9 116.9  
201 93.5 73.7 110.5





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.541 ng  
RT: 8.745 min Scan# 94  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

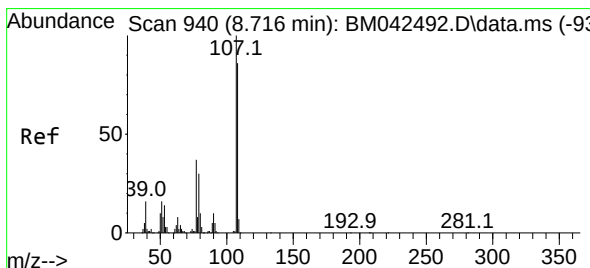
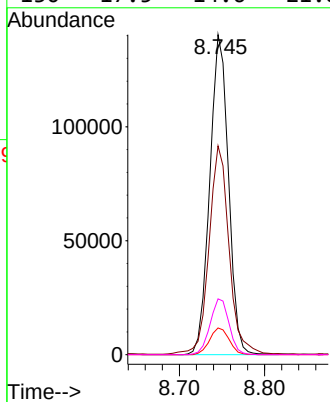
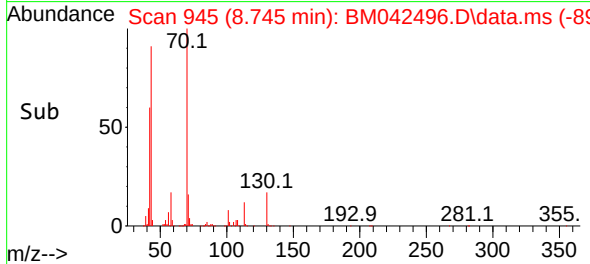
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



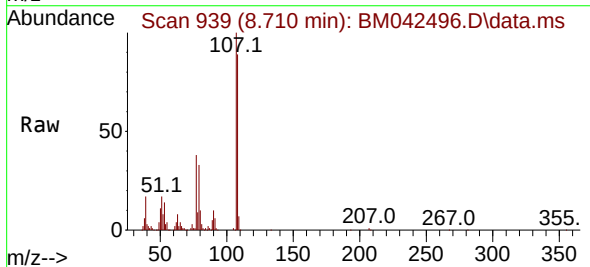
Tgt Ion: 70 Resp: 214032  
Ion Ratio Lower Upper  
70 100  
42 65.2 52.5 78.7  
101 8.3 7.0 10.4  
130 17.5 14.6 21.8

Manual Integrations  
APPROVED

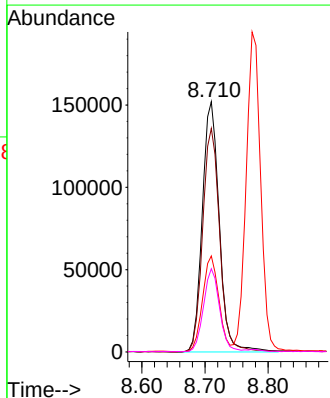
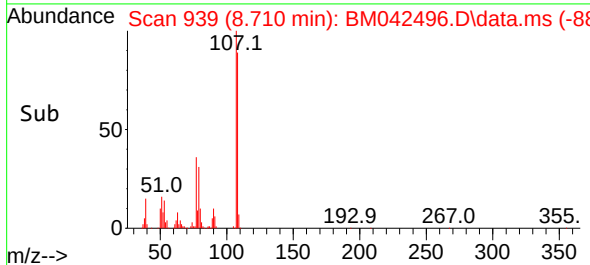
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

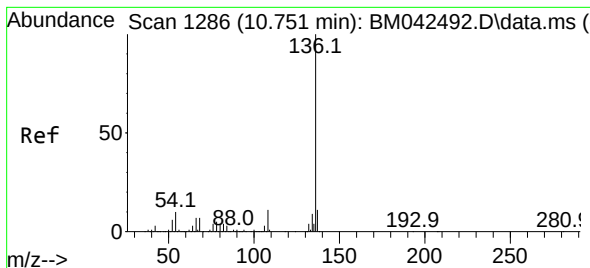


#20  
3+4-Methylphenols  
Concen: 41.608 ng  
RT: 8.710 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



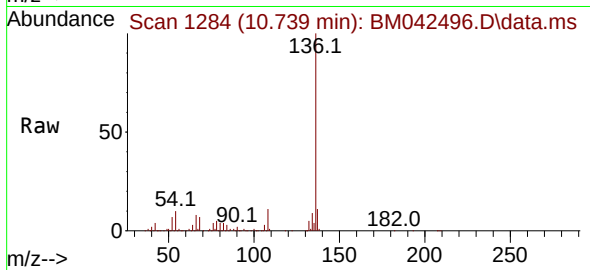
Tgt Ion:107 Resp: 284508  
Ion Ratio Lower Upper  
107 100  
108 89.3 66.4 106.4  
77 38.4 17.6 57.6  
79 33.2 10.2 50.2





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.739 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

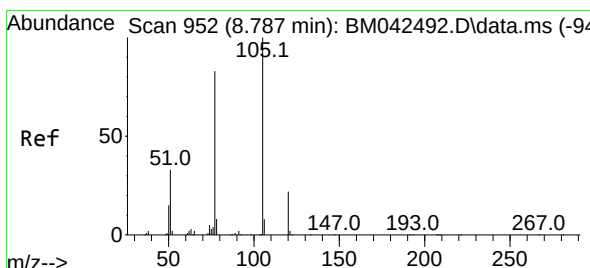
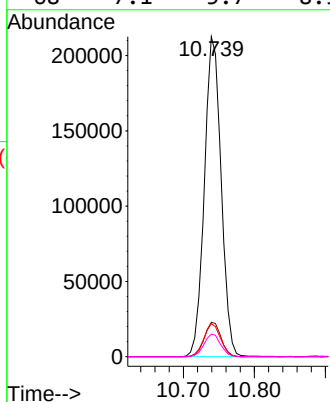
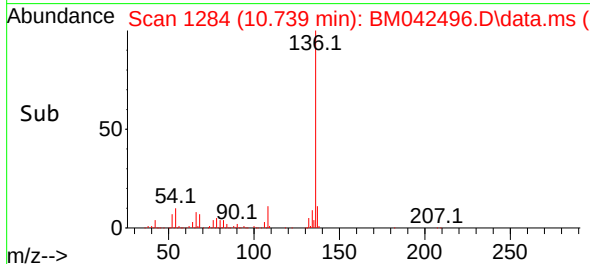
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:136 Resp: 348590  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.6  
54 10.4 8.0 12.0  
68 7.1 5.7 8.5

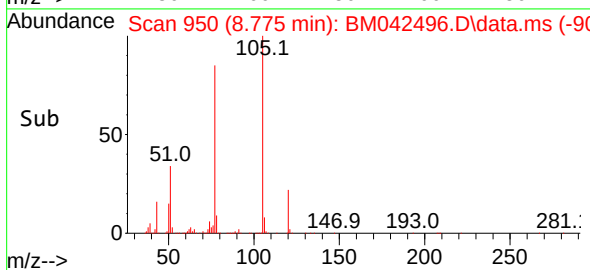
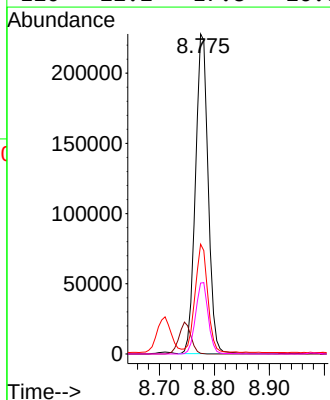
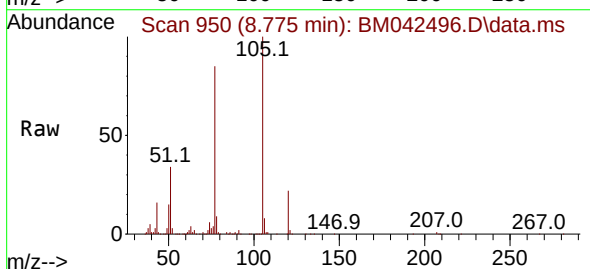
Manual Integrations  
APPROVED

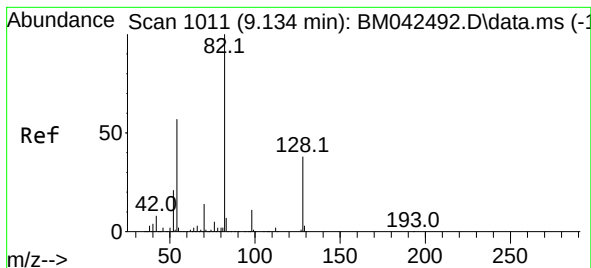
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#22  
Acetophenone  
Concen: 41.641 ng  
RT: 8.775 min Scan# 950  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:105 Resp: 366101  
Ion Ratio Lower Upper  
105 100  
71 0.2 0.2 0.2  
51 34.3 27.6 41.4  
120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 84.290 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

Tgt Ion: 82 Resp: 630314

Ion Ratio Lower Upper

82 100

128 37.3 30.7 46.1

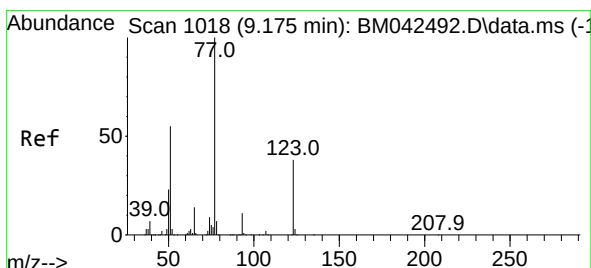
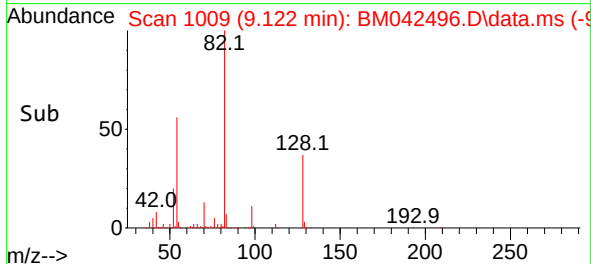
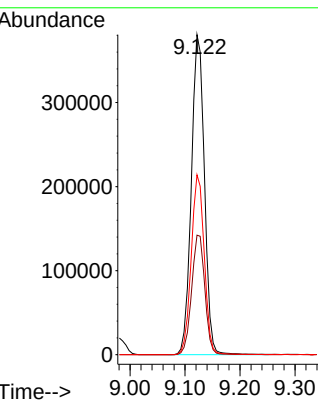
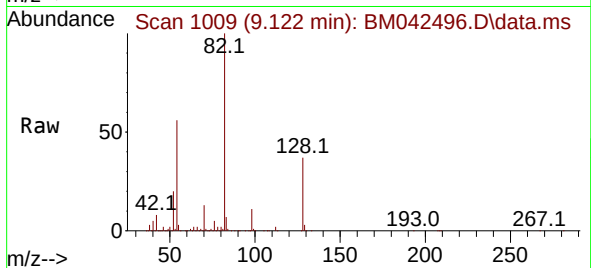
54 56.2 45.3 67.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#24

Nitrobenzene

Concen: 41.581 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

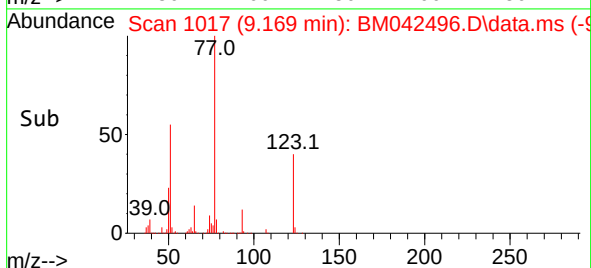
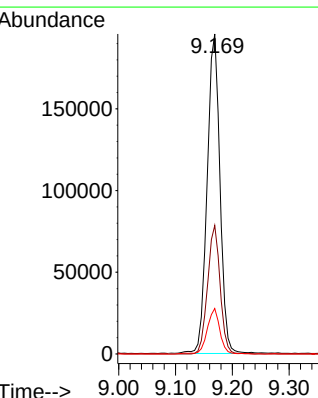
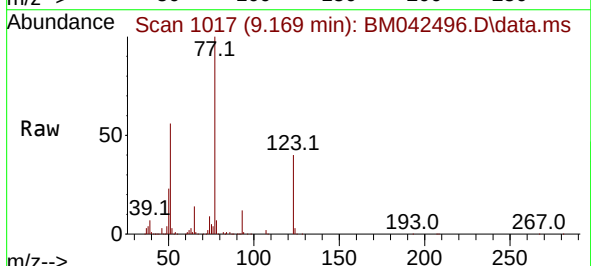
Tgt Ion: 77 Resp: 306261

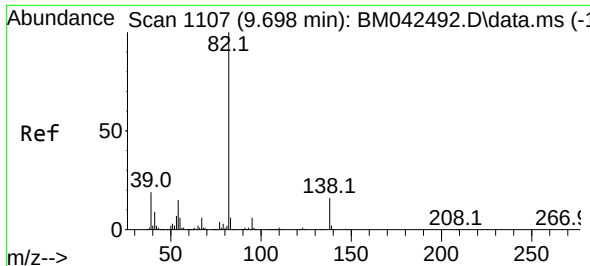
Ion Ratio Lower Upper

77 100

123 40.2 30.6 46.0

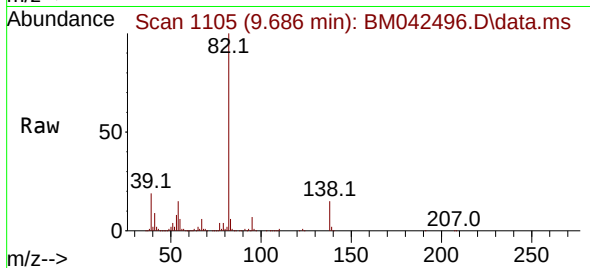
65 14.2 10.8 16.2





#25  
Isophorone  
Concen: 42.137 ng  
RT: 9.686 min Scan# 1105  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

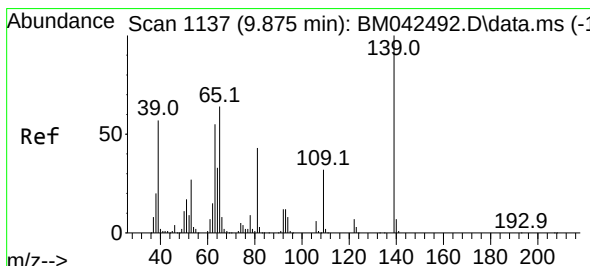
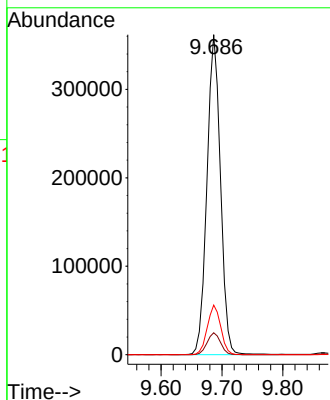
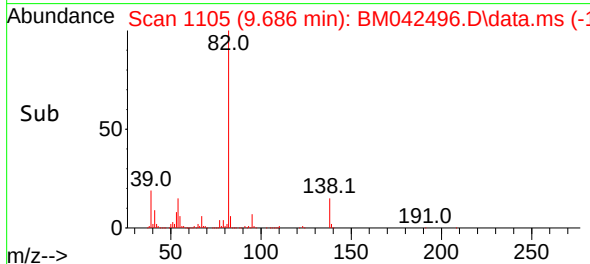
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion: 82 Resp: 557712  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.2 7.8  
138 15.5 12.6 18.8

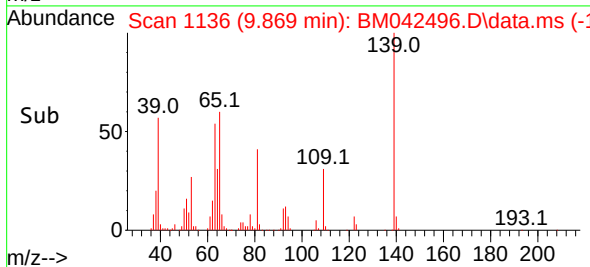
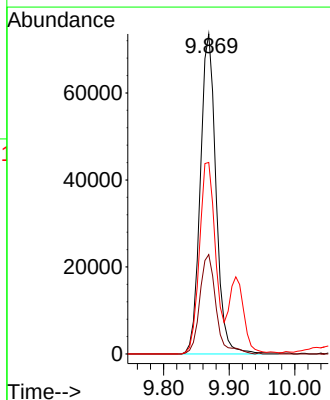
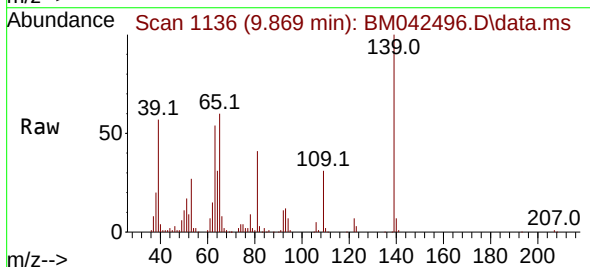
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

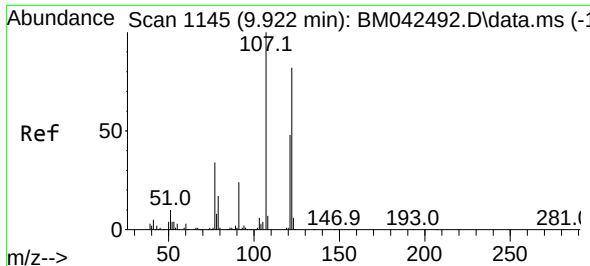


#26  
2-Nitrophenol  
Concen: 39.818 ng  
RT: 9.869 min Scan# 1136  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:139 Resp: 122690  
Ion Ratio Lower Upper  
139 100  
109 31.0 25.2 37.8  
65 59.8 51.4 77.0







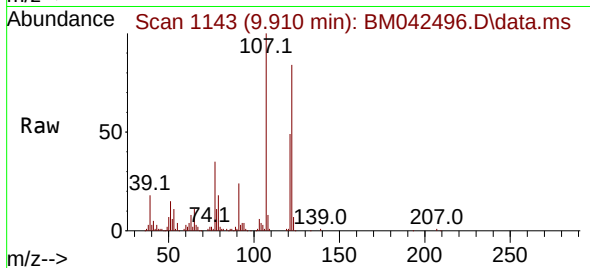
#27  
2,4-Dimethylphenol  
Concen: 42.447 ng m  
RT: 9.910 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

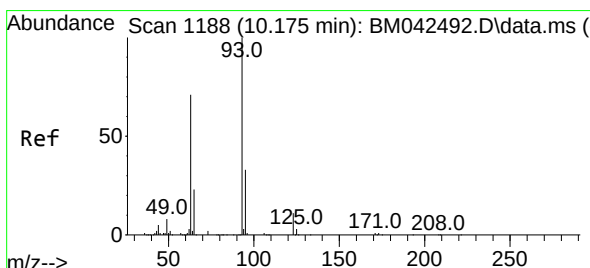
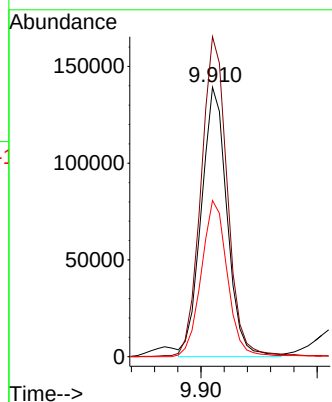
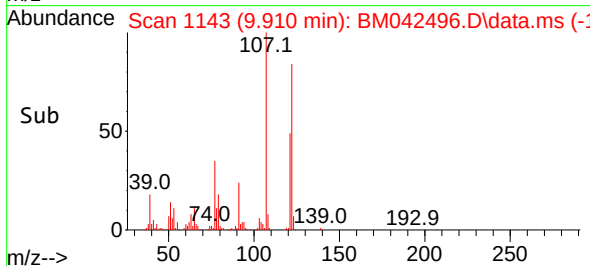


Tgt Ion:122 Resp: 214928  
Ion Ratio Lower Upper  
122 100  
107 118.8 95.4 143.2  
121 58.0 46.0 69.0

Manual Integrations

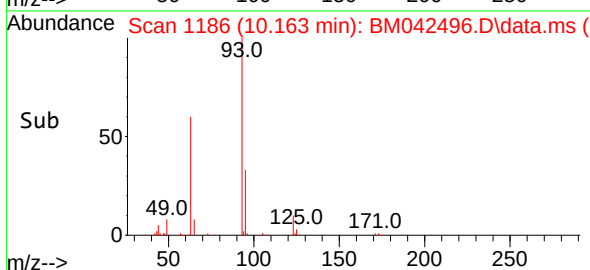
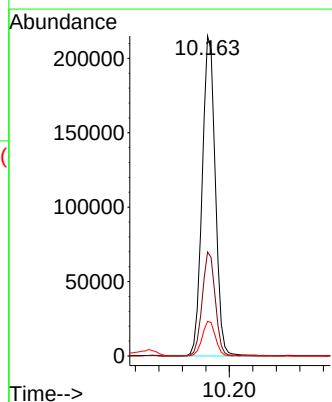
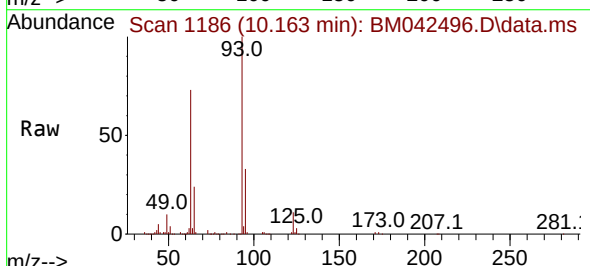
APPROVED

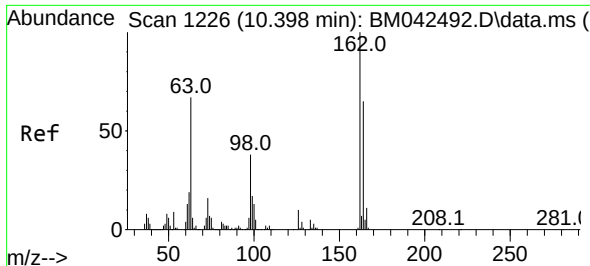
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.934 ng  
RT: 10.163 min Scan# 1186  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

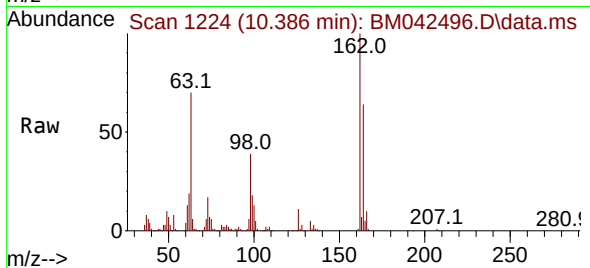
Tgt Ion: 93 Resp: 334385  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.3 39.5  
123 10.8 8.5 12.7





#29  
2,4-Dichlorophenol  
Concen: 42.786 ng  
RT: 10.386 min Scan# 1224  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

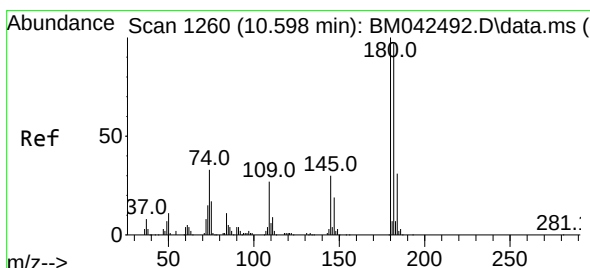
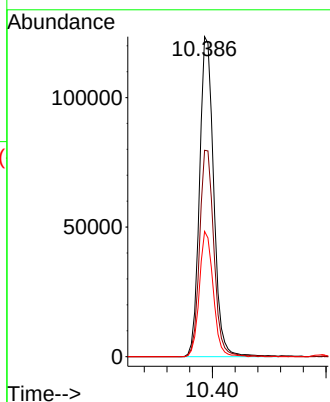
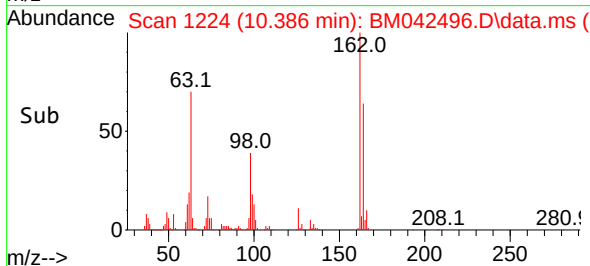
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:162 Resp: 21436  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.9 84.9  
98 39.1 18.4 58.4

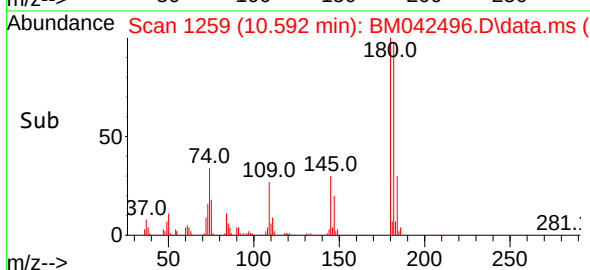
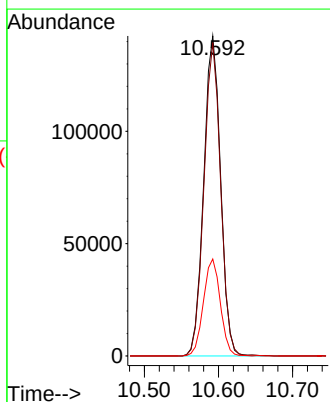
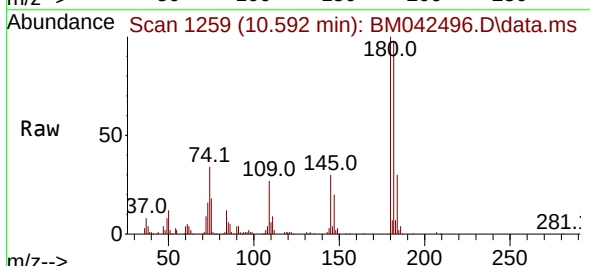
Manual Integrations  
APPROVED

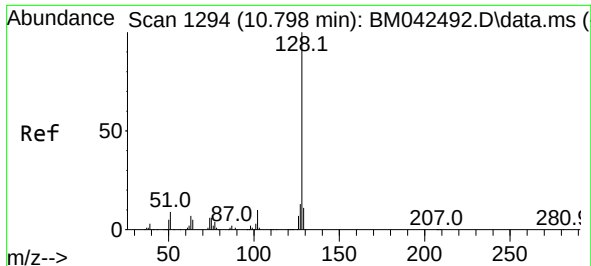
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 41.085 ng  
RT: 10.592 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

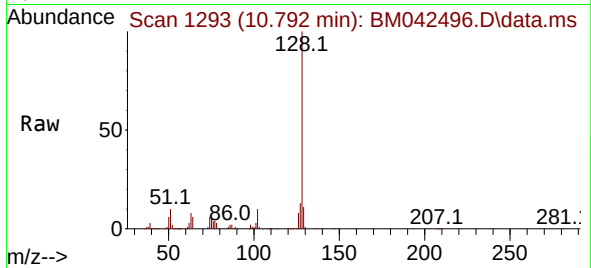
Tgt Ion:180 Resp: 225581  
Ion Ratio Lower Upper  
180 100  
182 97.9 77.8 116.8  
145 30.3 24.4 36.6





#31  
Naphthalene  
Concen: 41.103 ng  
RT: 10.792 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

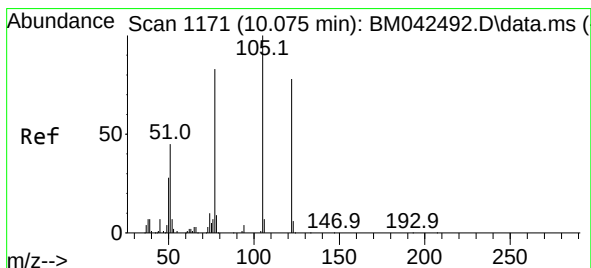
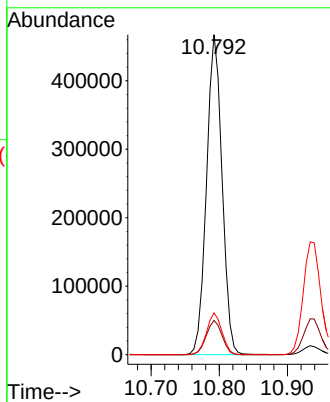
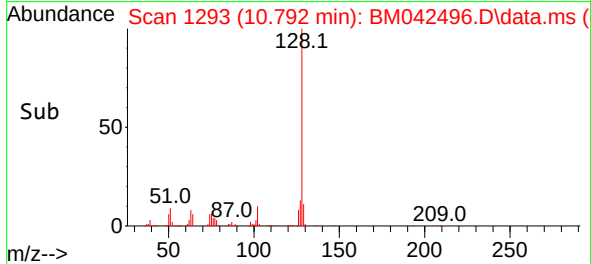
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:128 Resp: 740284  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 13.1 10.6 15.8

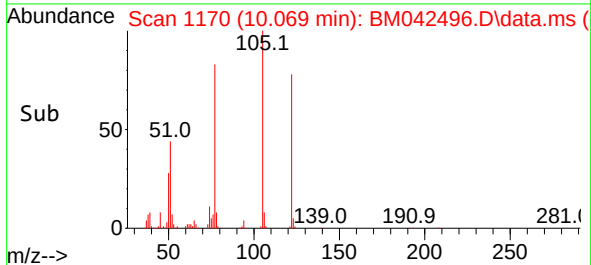
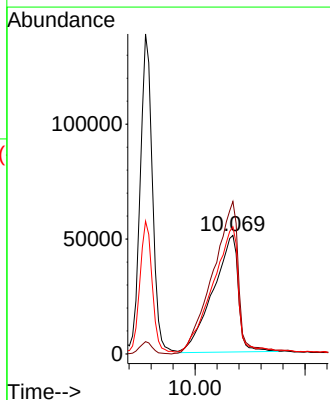
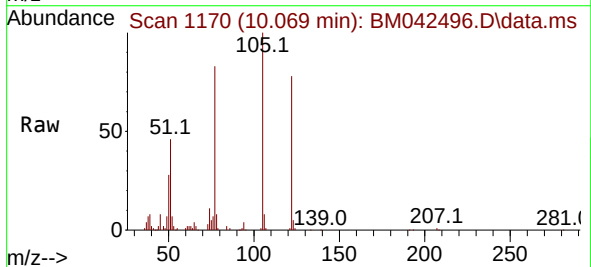
Manual Integrations  
APPROVED

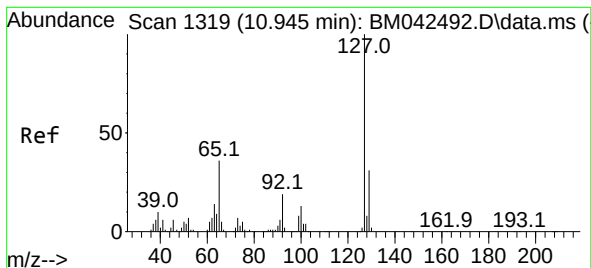
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#32  
Benzoic acid  
Concen: 40.286 ng  
RT: 10.069 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:122 Resp: 162936  
Ion Ratio Lower Upper  
122 100  
105 128.7 105.2 145.2  
77 107.3 84.8 124.8





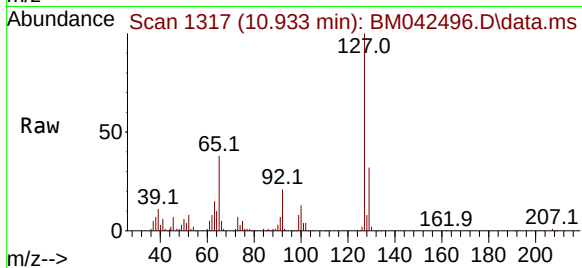
#33  
4-Chloroaniline  
Concen: 43.335 ng  
RT: 10.933 min Scan# 1317  
Delta R.T. -0.012 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

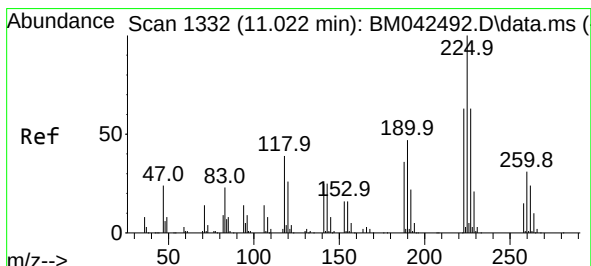
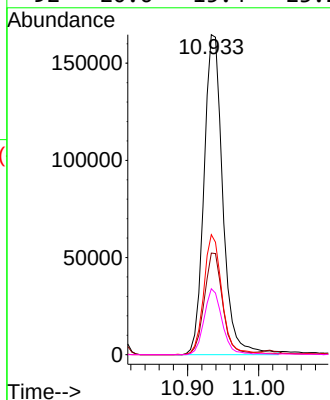
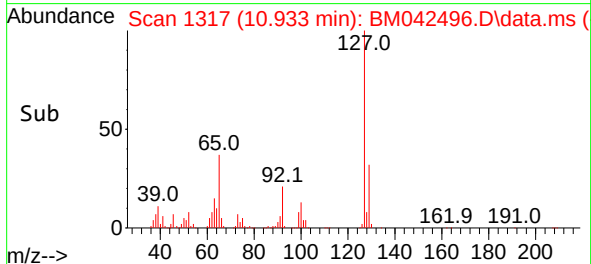


Tgt Ion:127 Resp: 304324  
Ion Ratio Lower Upper  
127 100  
129 31.8 25.0 37.4  
65 37.5 29.0 43.4  
92 20.6 15.4 23.2

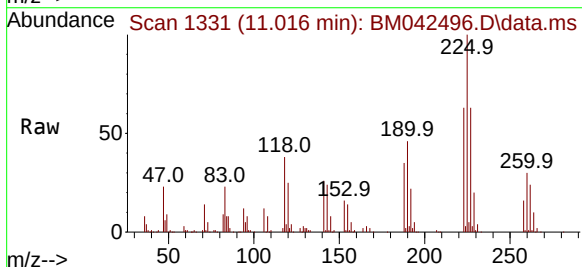
Manual Integrations

APPROVED

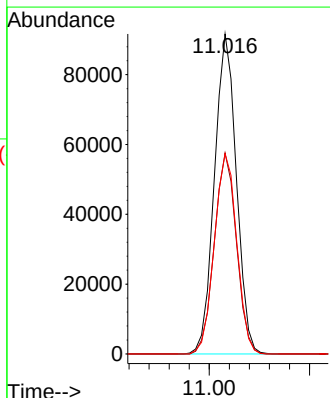
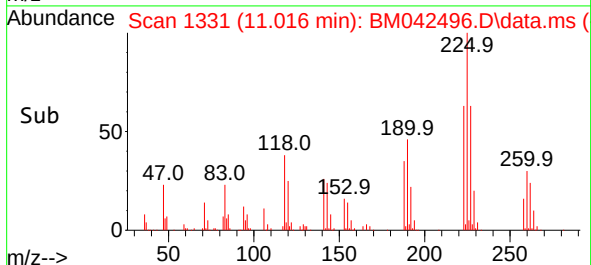
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

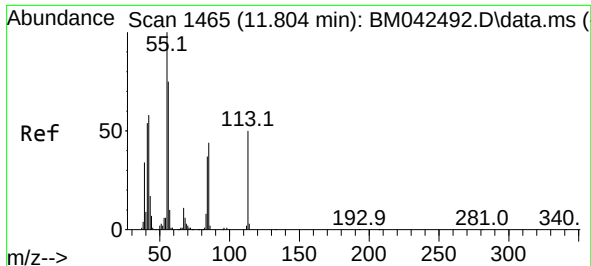


#34  
Hexachlorobutadiene  
Concen: 41.711 ng  
RT: 11.016 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



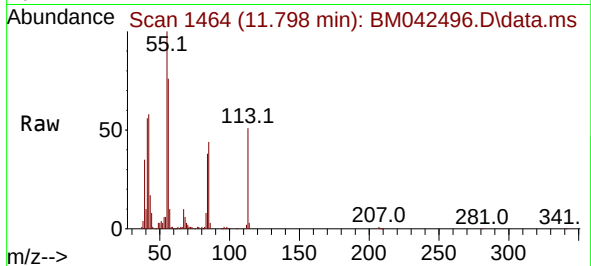
Tgt Ion:225 Resp: 139050  
Ion Ratio Lower Upper  
225 100  
223 62.7 50.0 75.0  
227 62.6 50.6 75.8





#35  
Caprolactam  
Concen: 42.286 ng  
RT: 11.798 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

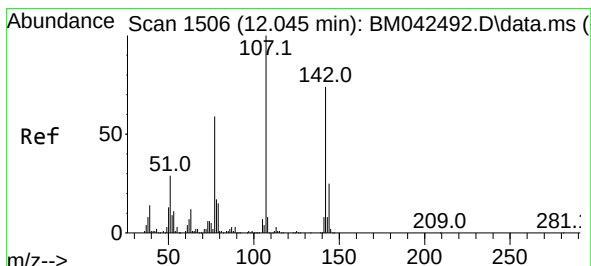
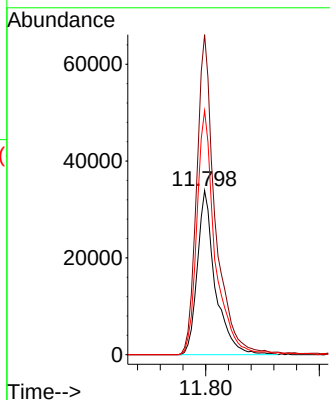
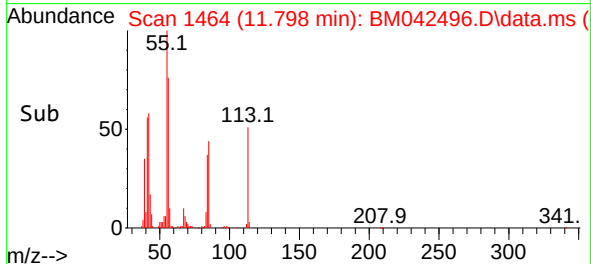
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:113 Resp: 7443  
Ion Ratio Lower Upper  
113 100  
55 194.9 180.9 220.9  
56 148.6 130.0 170.0

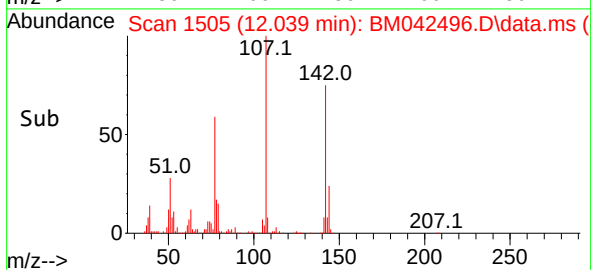
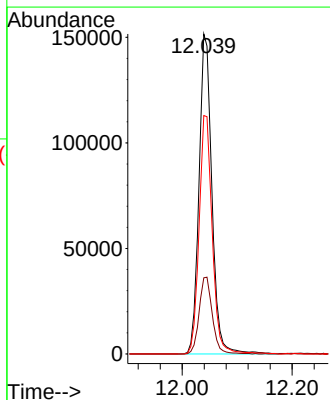
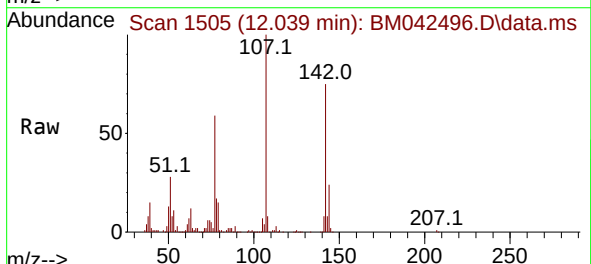
Manual Integrations  
APPROVED

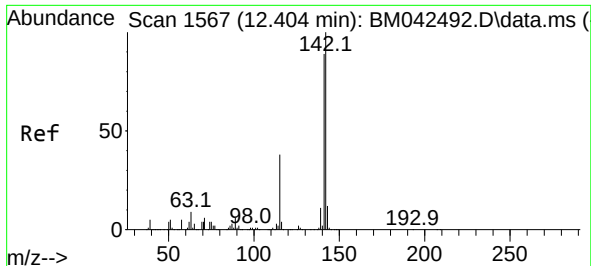
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#36  
4-Chloro-3-methylphenol  
Concen: 43.428 ng  
RT: 12.039 min Scan# 1505  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

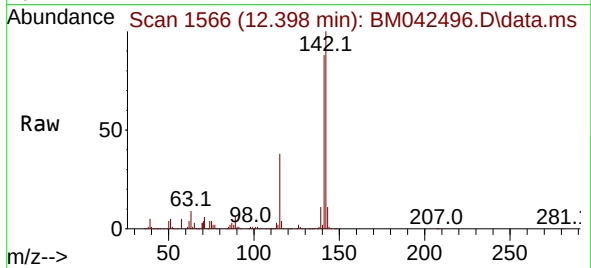
Tgt Ion:107 Resp: 247618  
Ion Ratio Lower Upper  
107 100  
144 23.8 20.2 30.2  
142 74.5 59.5 89.3





#37  
2-Methylnaphthalene  
Concen: 42.115 ng  
RT: 12.398 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

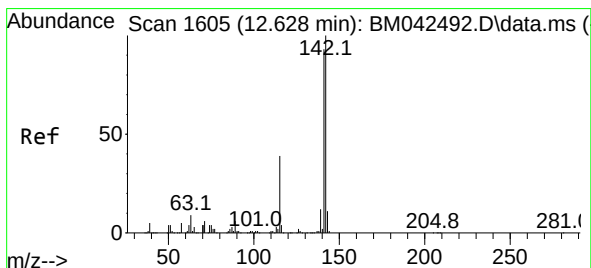
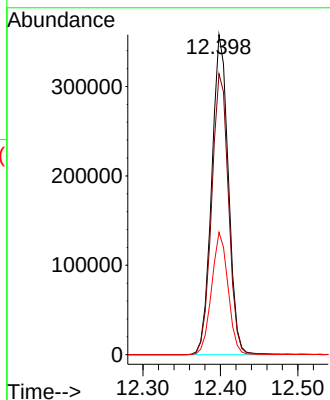
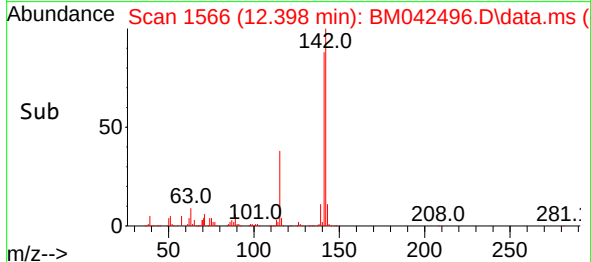
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



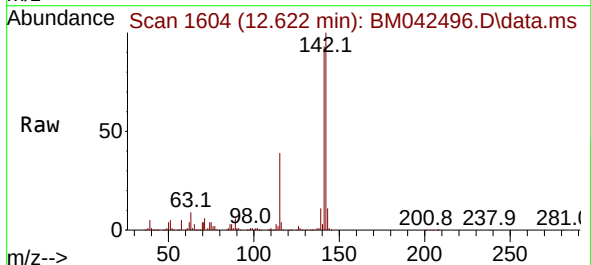
Tgt Ion:142 Resp: 534194  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.9 106.3  
115 38.2 30.2 45.2

Manual Integrations  
APPROVED

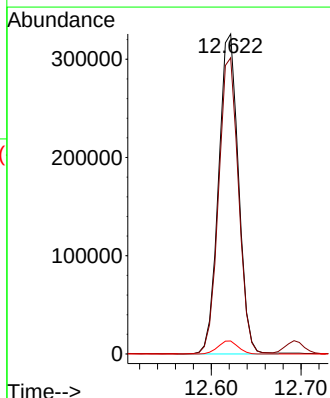
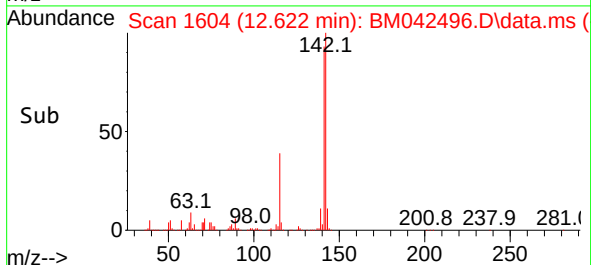
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

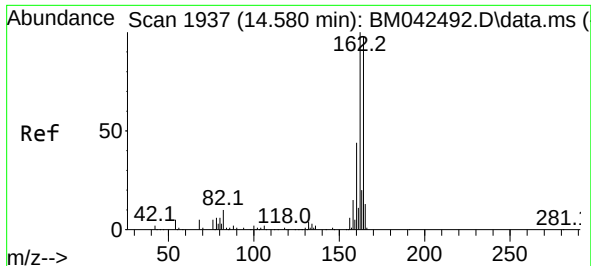


#38  
1-Methylnaphthalene  
Concen: 42.046 ng  
RT: 12.622 min Scan# 1604  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:142 Resp: 501988  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.4 111.6  
116 4.1 3.2 4.8





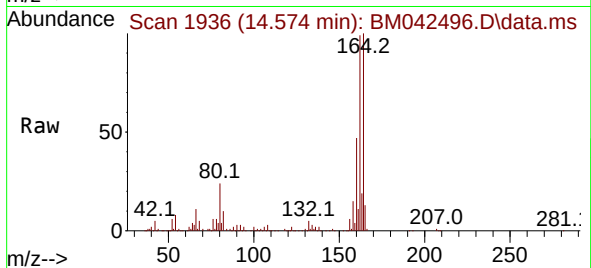
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.574 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

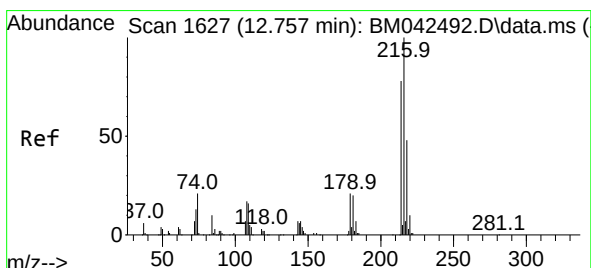
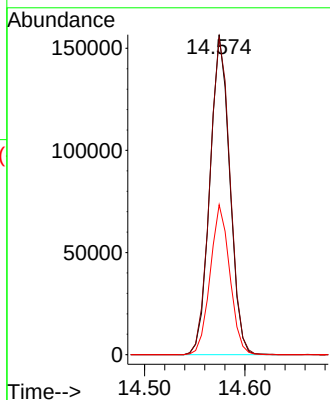
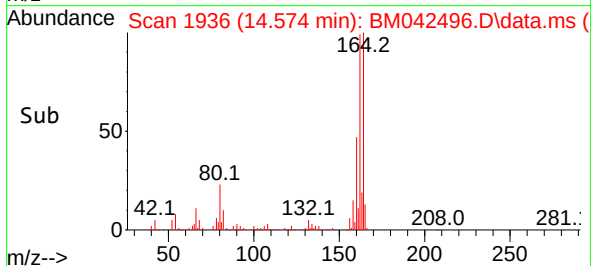


Tgt Ion:164 Resp: 214244  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.6 122.4  
160 46.9 36.2 54.4

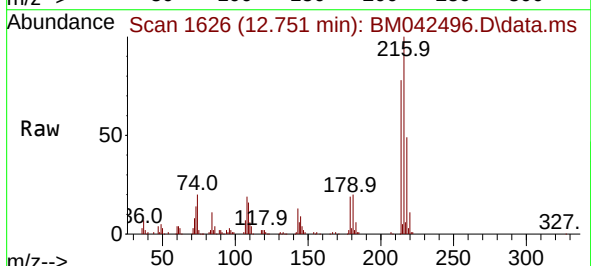
Manual Integrations

APPROVED

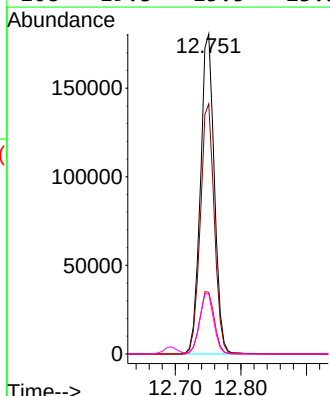
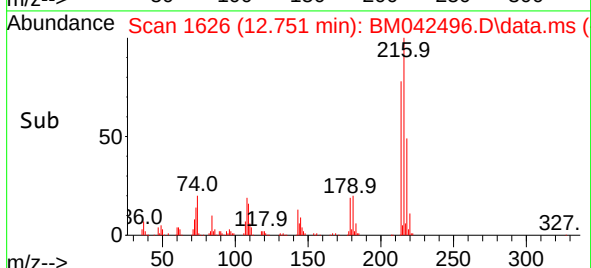
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

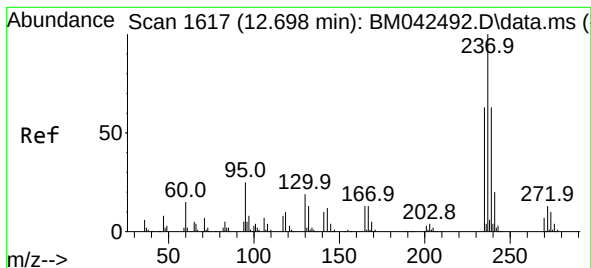


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.666 ng  
RT: 12.751 min Scan# 1626  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



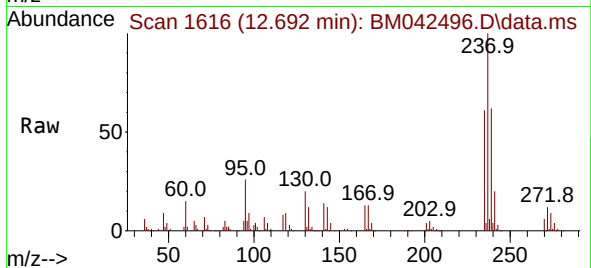
Tgt Ion:216 Resp: 266681  
Ion Ratio Lower Upper  
216 100  
214 78.7 62.5 93.7  
179 20.4 16.7 25.1  
108 19.3 15.5 23.3





#41  
Hexachlorocyclopentadiene  
Concen: 40.089 ng  
RT: 12.692 min Scan# 1616  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

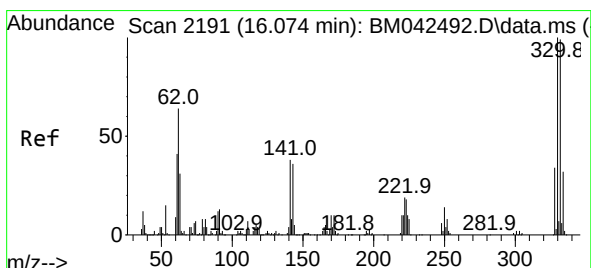
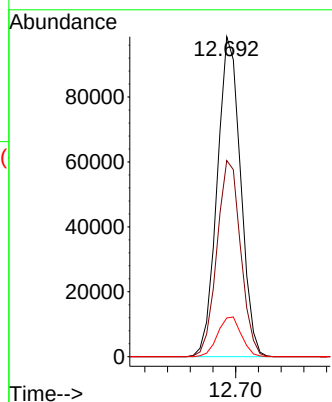
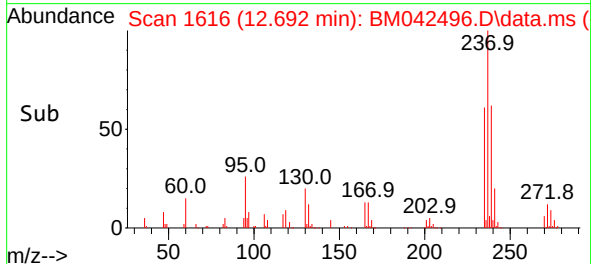
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



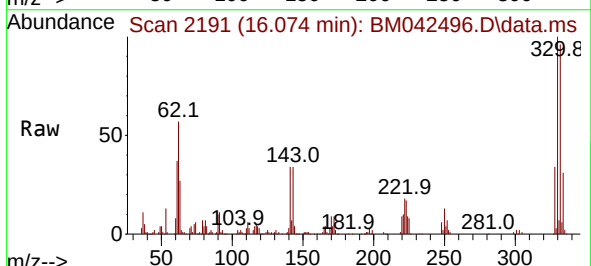
Tgt Ion:237 Resp: 141188  
Ion Ratio Lower Upper  
237 100  
235 61.3 42.5 82.5  
272 12.1 0.0 33.2

Manual Integrations  
APPROVED

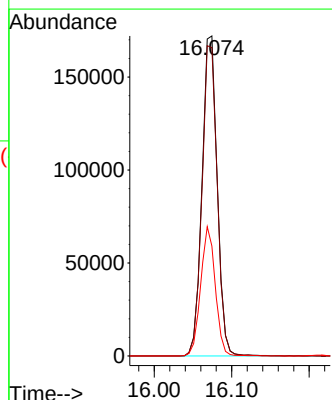
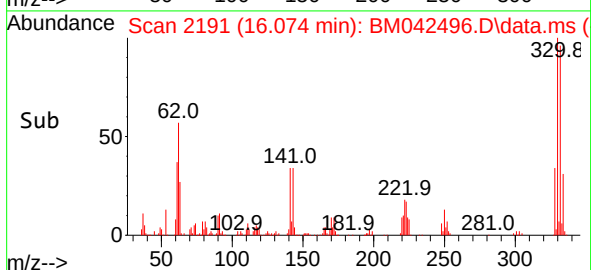
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



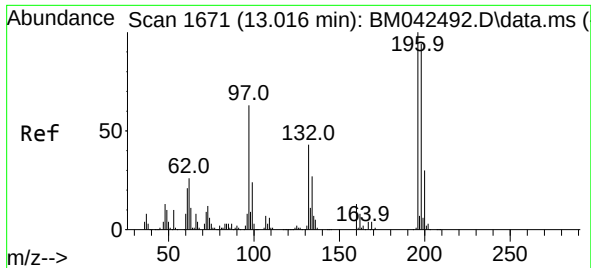
#42  
2,4,6-Tribromophenol  
Concen: 83.666 ng  
RT: 16.074 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:330 Resp: 234025  
Ion Ratio Lower Upper  
330 100  
332 97.4 78.8 118.2  
141 38.8 31.1 46.7

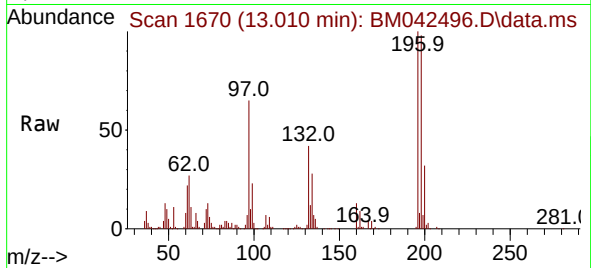






#43  
2,4,6-Trichlorophenol  
Concen: 42.839 ng  
RT: 13.010 min Scan# 1670  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

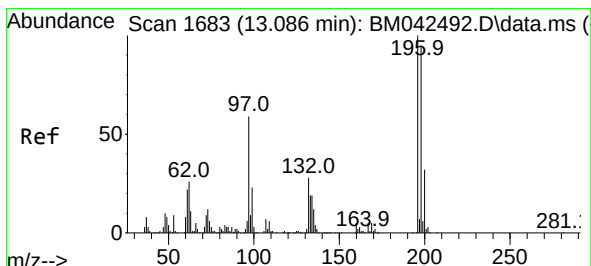
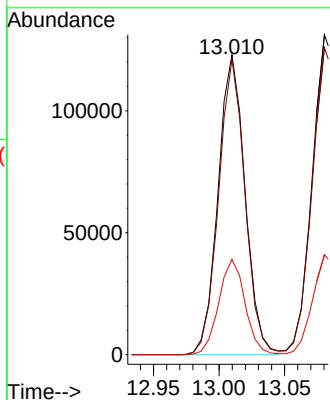
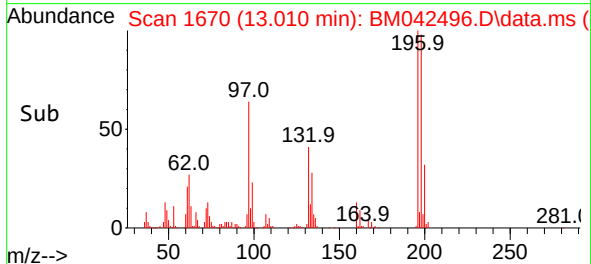
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



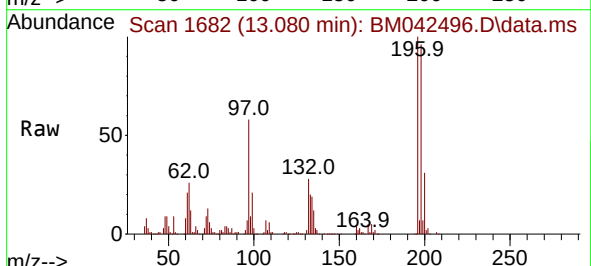
Tgt Ion:196 Resp: 17561  
Ion Ratio Lower Upper  
196 100  
198 98.5 75.2 112.8  
200 31.8 24.3 36.5

Manual Integrations  
APPROVED

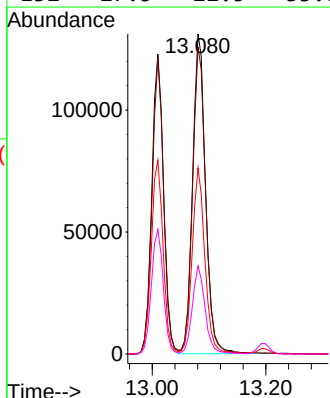
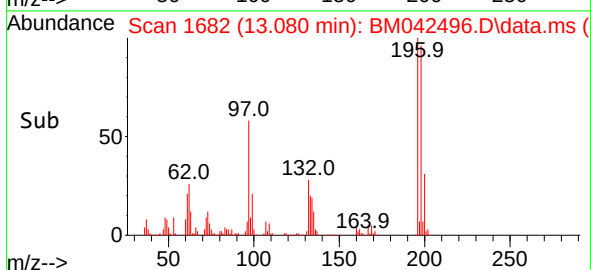
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

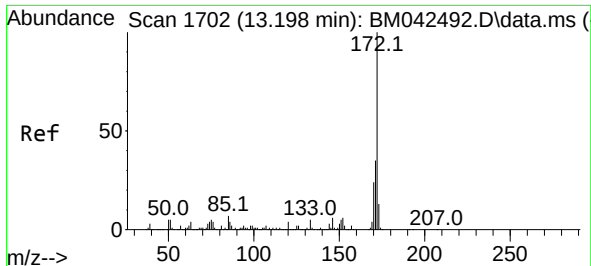


#44  
2,4,5-Trichlorophenol  
Concen: 42.898 ng  
RT: 13.080 min Scan# 1682  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:196 Resp: 209271  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.1 112.7  
97 58.1 47.4 71.0  
132 27.5 22.5 33.7





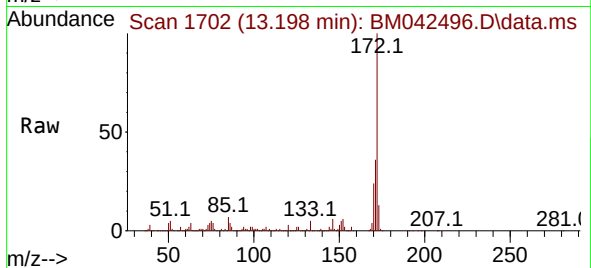
#45  
2-Fluorobiphenyl  
Concen: 83.005 ng  
RT: 13.198 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023



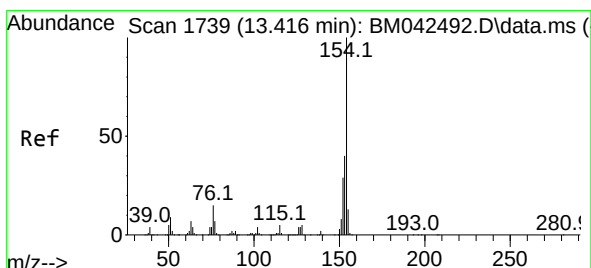
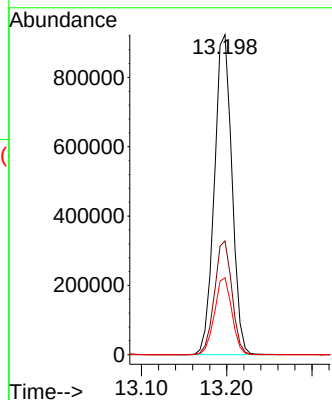
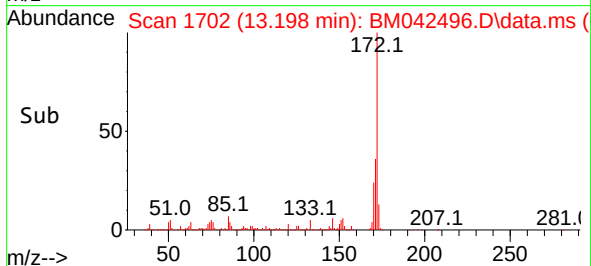
Tgt Ion:172 Resp: 1321592  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 24.0 19.0 28.4

Manual Integrations

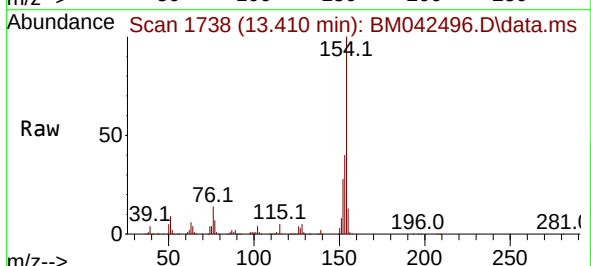
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

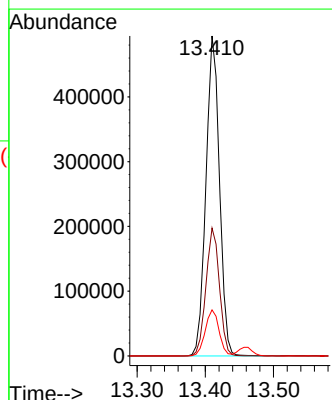
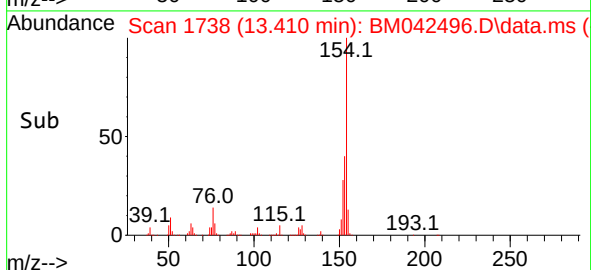
Supervised By :mohammad ahmed 10/31/2023

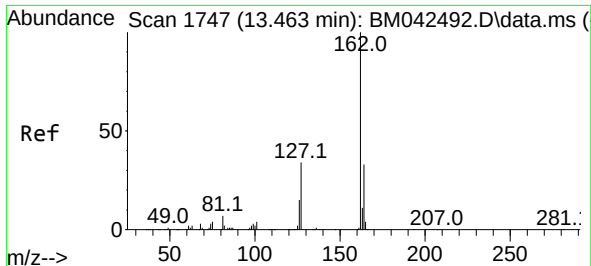


#46  
1,1'-Biphenyl  
Concen: 41.671 ng  
RT: 13.410 min Scan# 1738  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



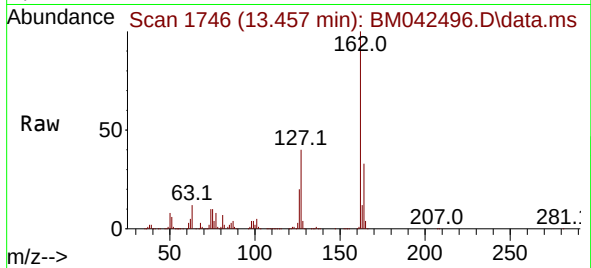
Tgt Ion:154 Resp: 682456  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.3 60.3  
76 14.4 0.0 35.0





#47  
2-Chloronaphthalene  
Concen: 41.285 ng  
RT: 13.457 min Scan# 1746  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

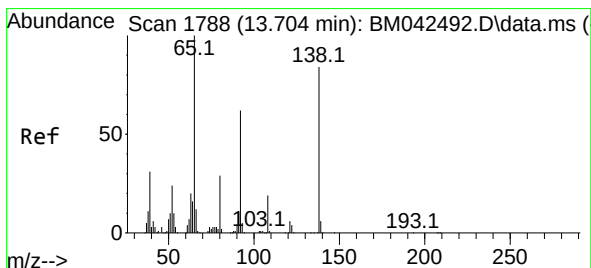
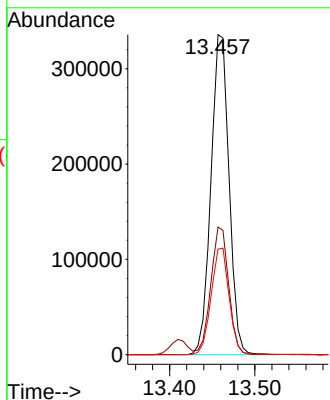
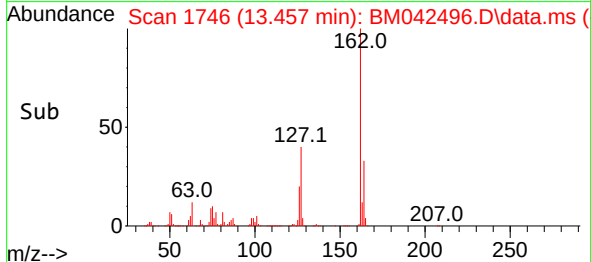
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:162 Resp: 496015  
Ion Ratio Lower Upper  
162 100  
127 39.9 31.1 46.7  
164 33.0 26.2 39.4

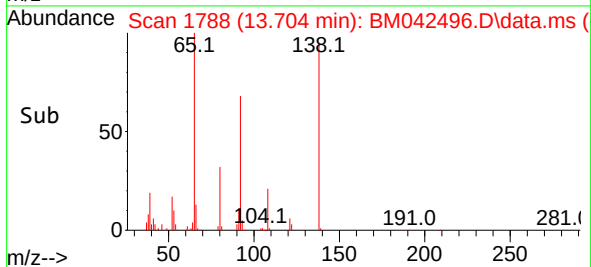
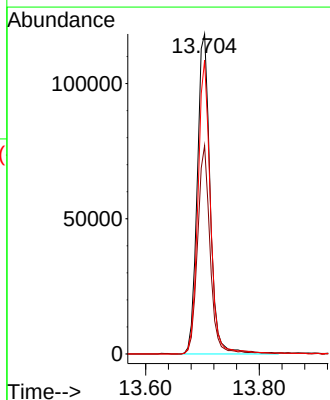
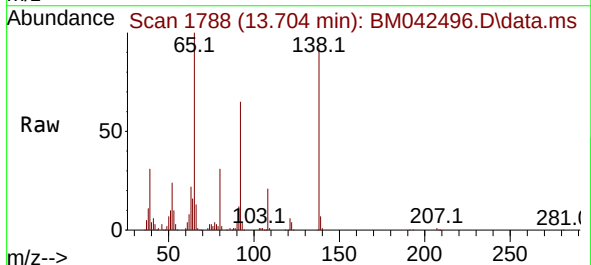
Manual Integrations  
APPROVED

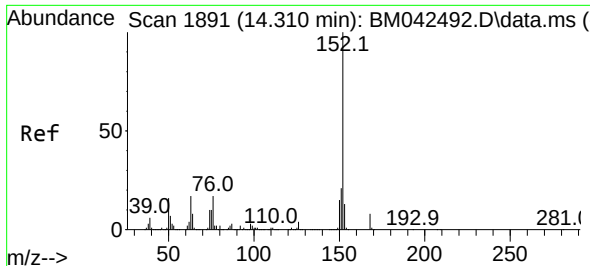
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#48  
2-Nitroaniline  
Concen: 39.564 ng  
RT: 13.704 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

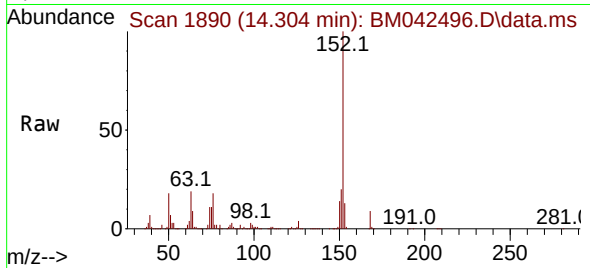
Tgt Ion: 65 Resp: 187647  
Ion Ratio Lower Upper  
65 100  
92 65.1 49.4 74.2  
138 91.8 66.9 100.3





#49  
Acenaphthylene  
Concen: 42.275 ng  
RT: 14.304 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

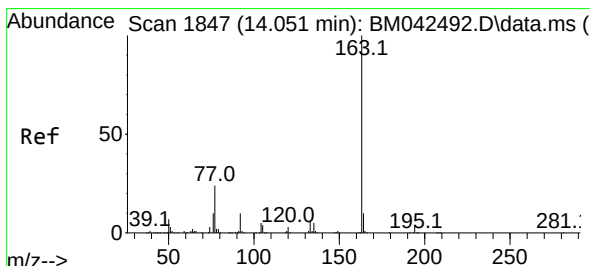
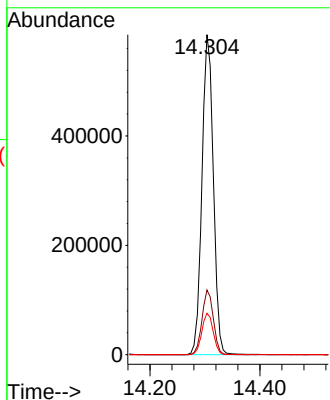
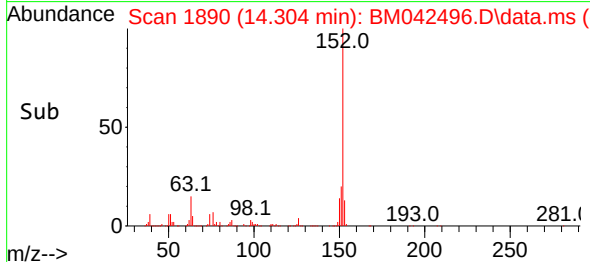
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



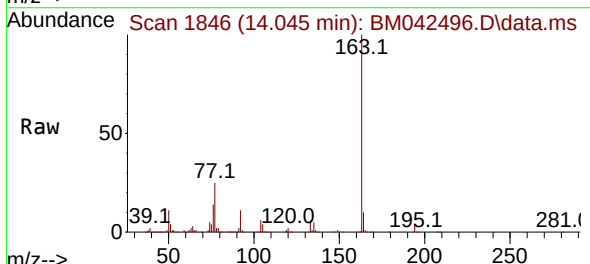
Tgt Ion:152 Resp: 841170  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.4 24.6  
153 13.0 10.4 15.6

Manual Integrations  
APPROVED

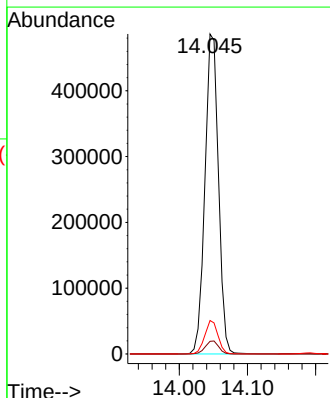
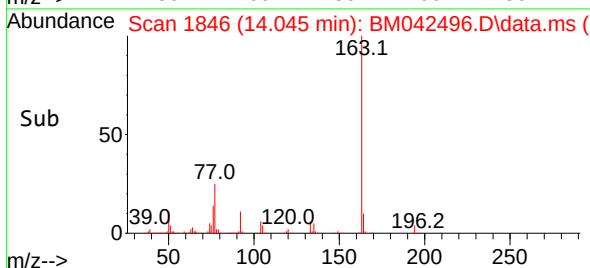
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

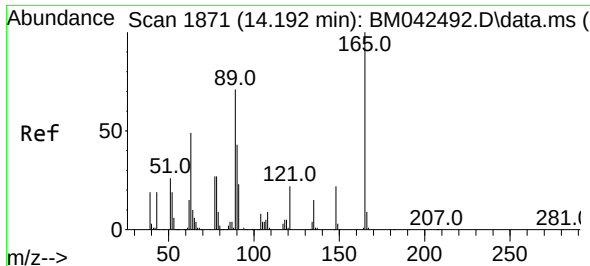


#50  
Dimethylphthalate  
Concen: 41.854 ng  
RT: 14.045 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:163 Resp: 670193  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.5 7.8 11.8





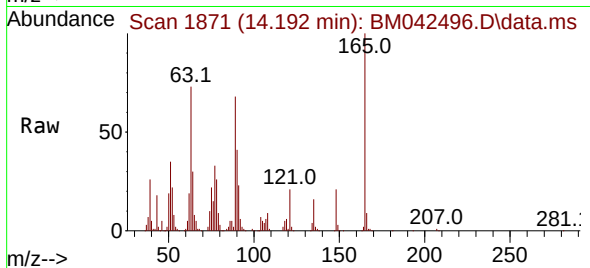
#51  
2,6-Dinitrotoluene  
Concen: 43.250 ng  
RT: 14.192 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

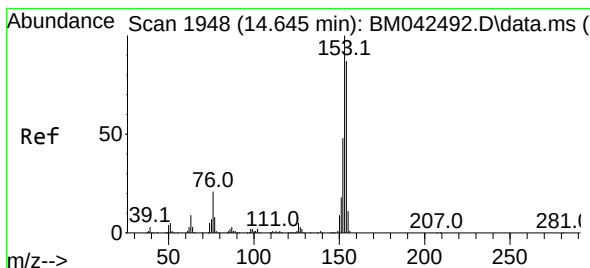
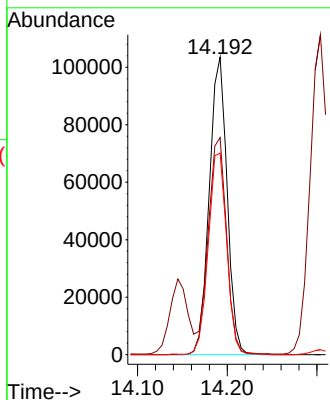
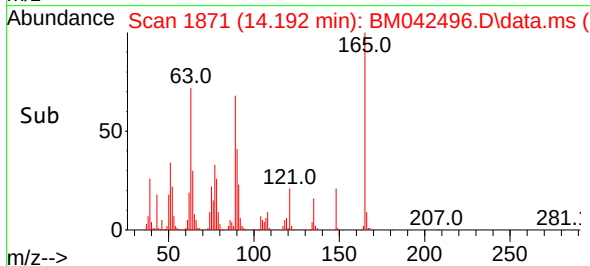


Tgt Ion:165 Resp: 14273  
Ion Ratio Lower Upper  
165 100  
63 73.0 59.4 89.0  
89 67.8 57.0 85.6

Manual Integrations

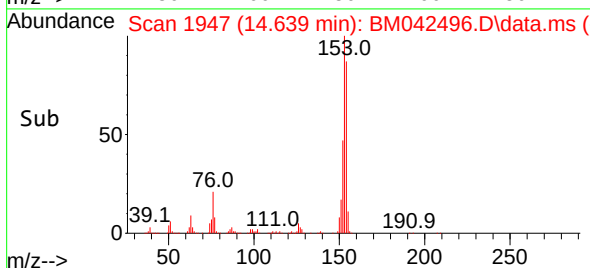
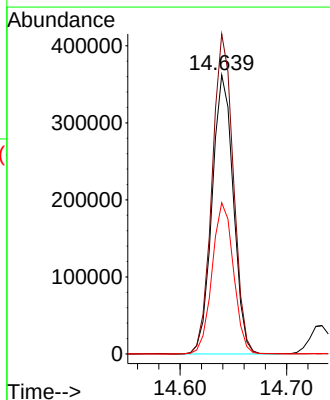
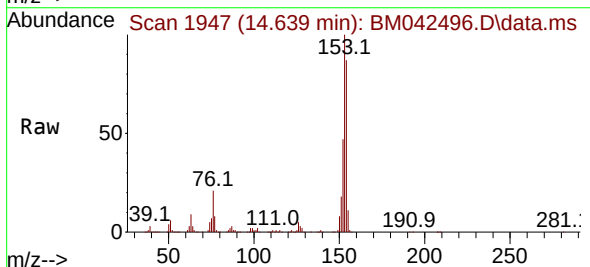
APPROVED

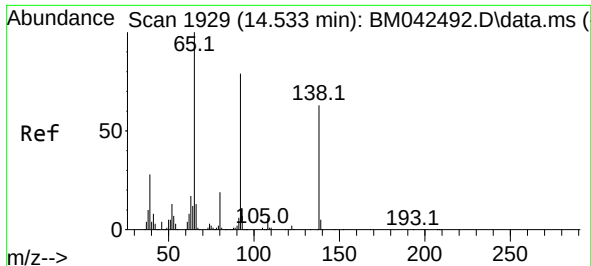
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#52  
Acenaphthene  
Concen: 41.563 ng  
RT: 14.639 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

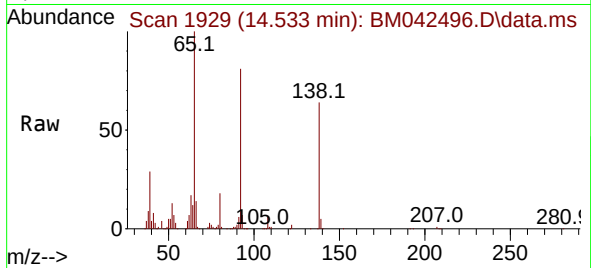
Tgt Ion:154 Resp: 501919  
Ion Ratio Lower Upper  
154 100  
153 114.7 92.0 138.0  
152 54.2 44.0 66.0





#53  
3-Nitroaniline  
Concen: 39.207 ng  
RT: 14.533 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

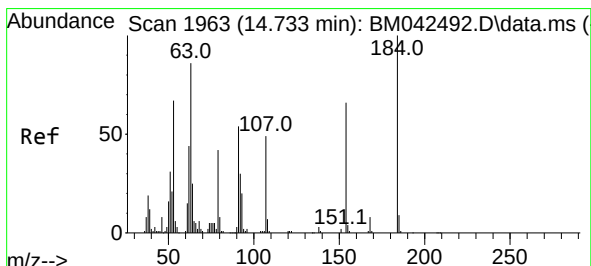
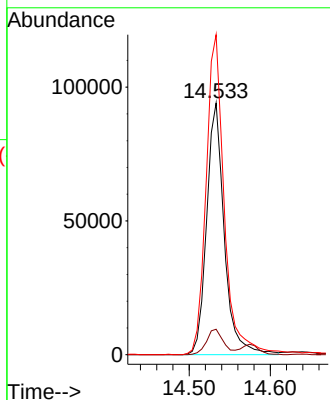
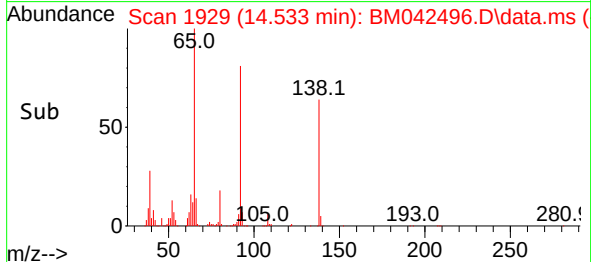
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:138 Resp: 14185  
Ion Ratio Lower Upper  
138 100  
108 10.1 7.9 11.9  
92 127.1 100.7 151.1

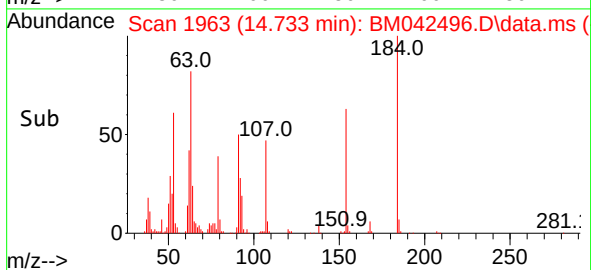
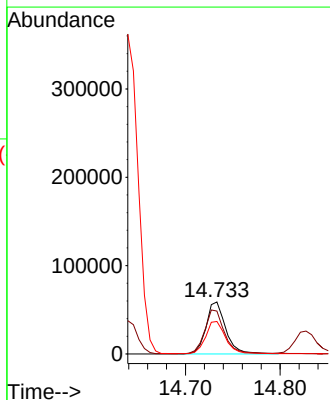
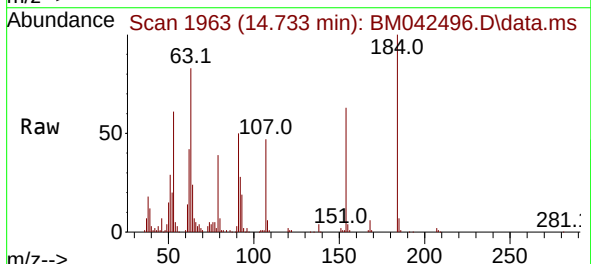
Manual Integrations  
APPROVED

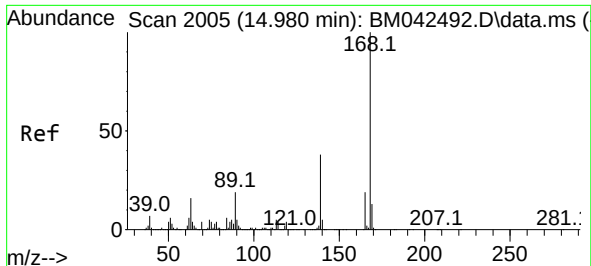
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#54  
2,4-Dinitrophenol  
Concen: 40.417 ng  
RT: 14.733 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

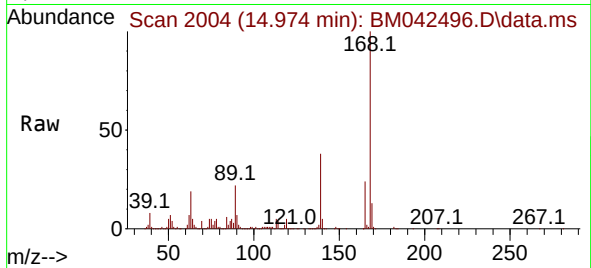
Tgt Ion:184 Resp: 84709  
Ion Ratio Lower Upper  
184 100  
63 82.6 69.2 103.8  
154 62.6 53.2 79.8





#55  
Dibenzenofuran  
Concen: 42.348 ng  
RT: 14.974 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

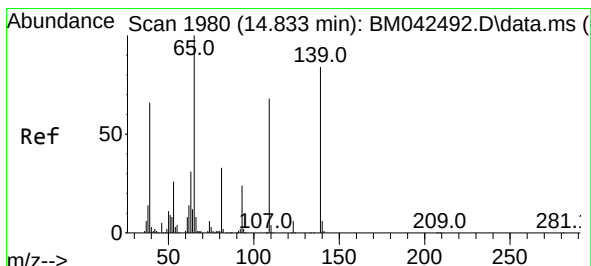
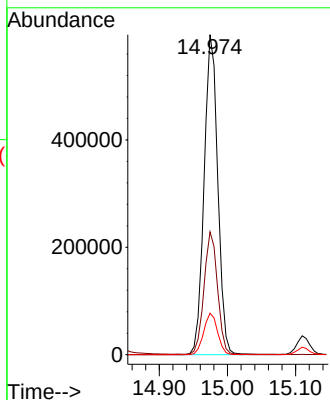
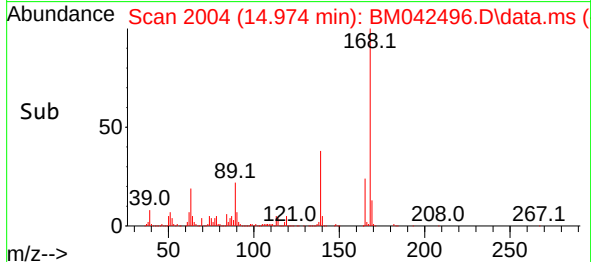
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:168 Resp: 831464  
Ion Ratio Lower Upper  
168 100  
139 38.4 30.4 45.6  
169 13.0 10.6 15.8

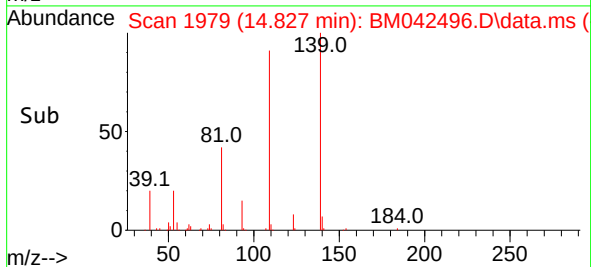
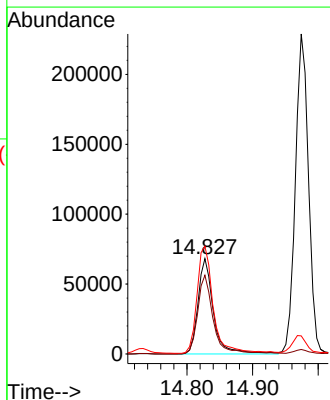
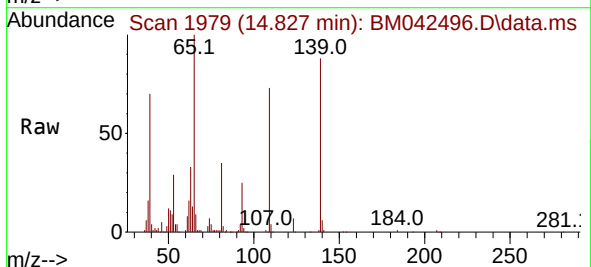
Manual Integrations  
APPROVED

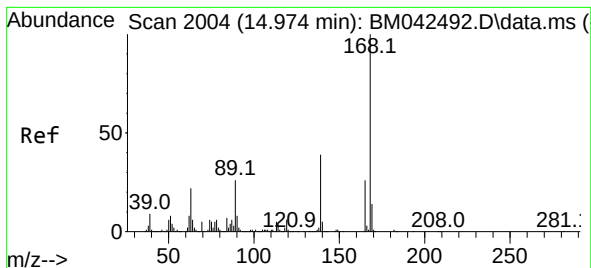
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#56  
4-Nitrophenol  
Concen: 41.058 ng  
RT: 14.827 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

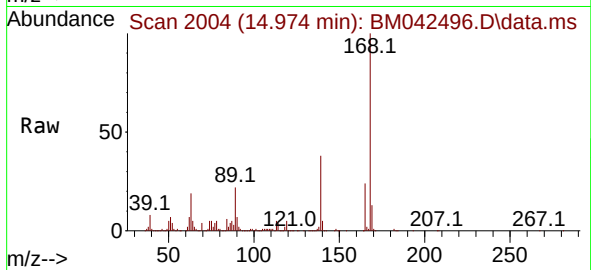
Tgt Ion:139 Resp: 112011  
Ion Ratio Lower Upper  
139 100  
109 82.5 61.3 101.3  
65 113.2 100.2 140.2





#57  
2,4-Dinitrotoluene  
Concen: 39.824 ng  
RT: 14.974 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

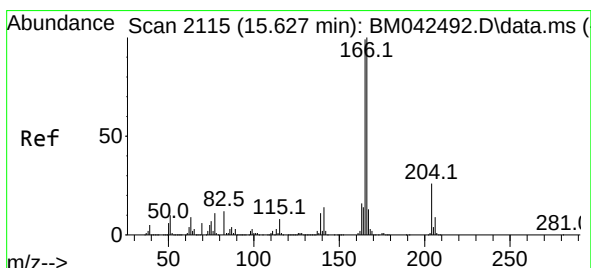
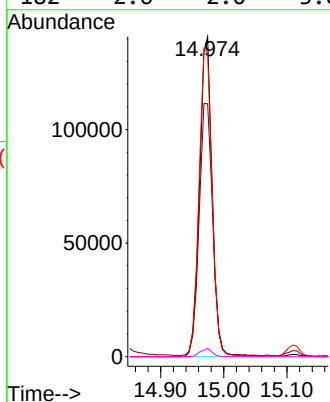
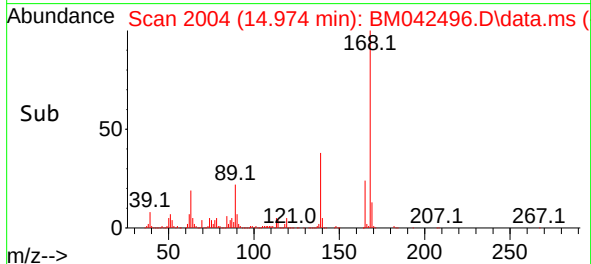
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



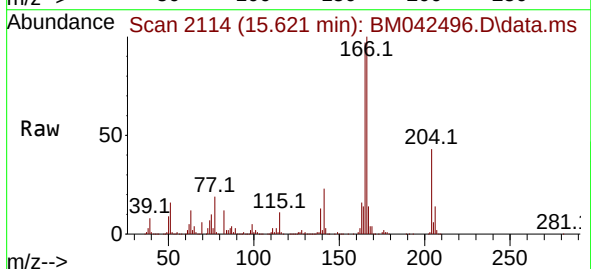
Tgt Ion:165 Resp: 195474  
Ion Ratio Lower Upper  
165 100  
63 79.1 66.7 100.1  
89 94.9 80.2 120.4  
182 2.6 2.0 3.0

Manual Integrations  
APPROVED

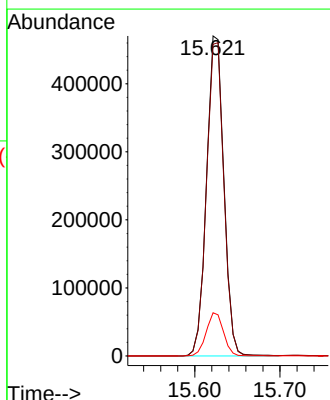
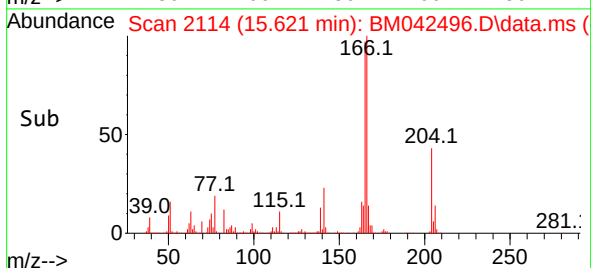
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



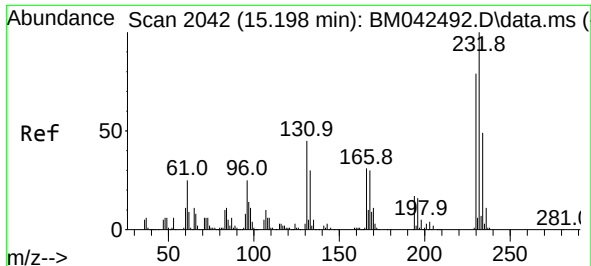
#58  
Fluorene  
Concen: 41.906 ng  
RT: 15.621 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:166 Resp: 665719  
Ion Ratio Lower Upper  
166 100  
165 97.4 79.3 118.9  
167 13.5 10.5 15.7







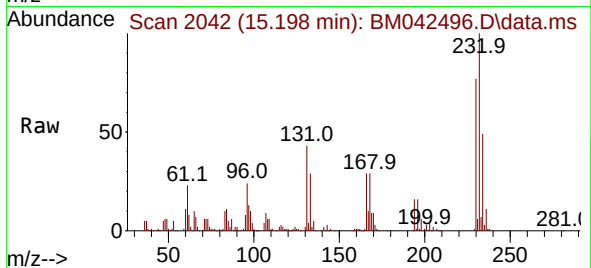
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.672 ng  
RT: 15.198 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023



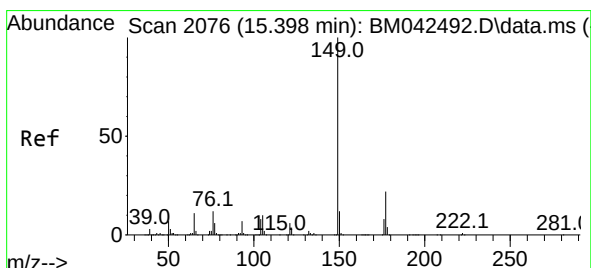
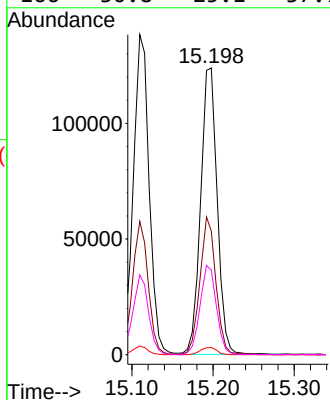
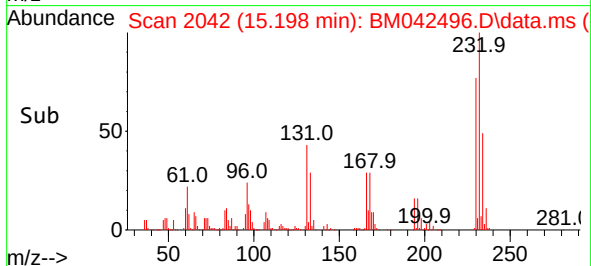
Tgt Ion:232 Resp: 17533  
Ion Ratio Lower Upper  
232 100  
131 46.5 37.2 55.8  
130 2.5 2.1 3.1  
166 30.8 25.1 37.7

Manual Integrations

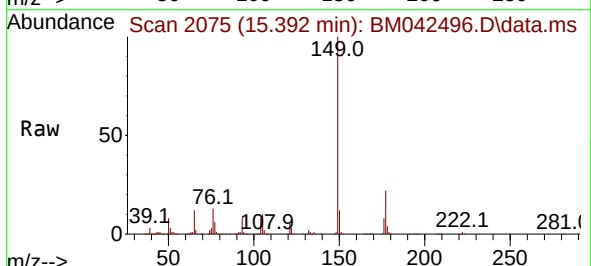
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

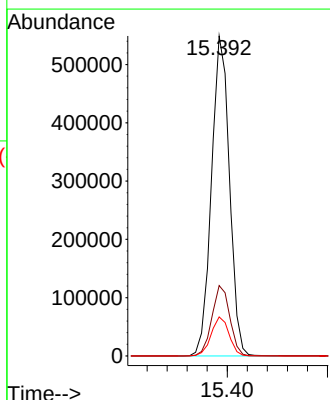
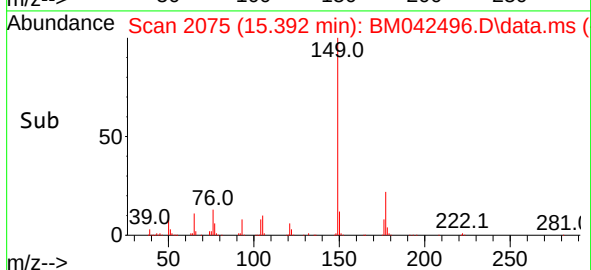
Supervised By :mohammad ahmed 10/31/2023

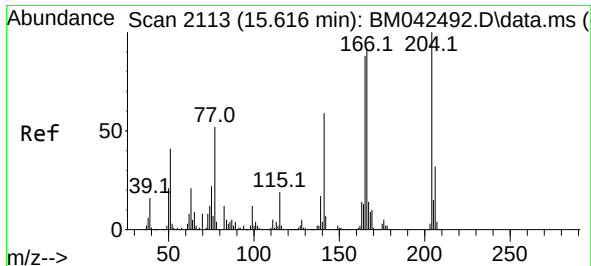


#60  
Diethylphthalate  
Concen: 42.128 ng  
RT: 15.392 min Scan# 2075  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



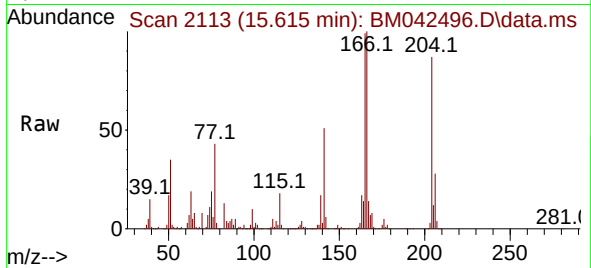
Tgt Ion:149 Resp: 683422  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.8 26.6  
150 12.2 9.8 14.6





#61  
4-Chlorophenyl-phenylether  
Concen: 41.831 ng  
RT: 15.615 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

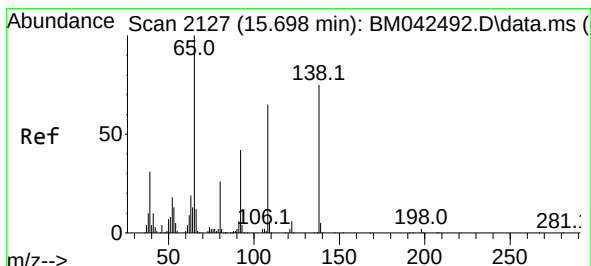
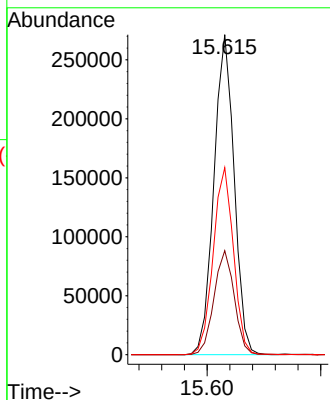
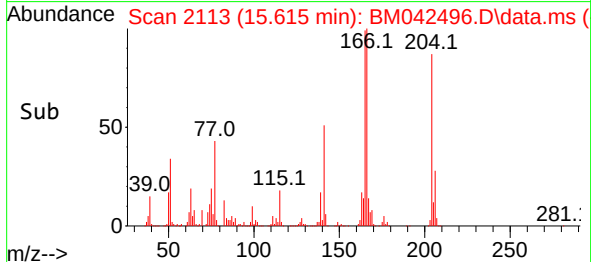
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



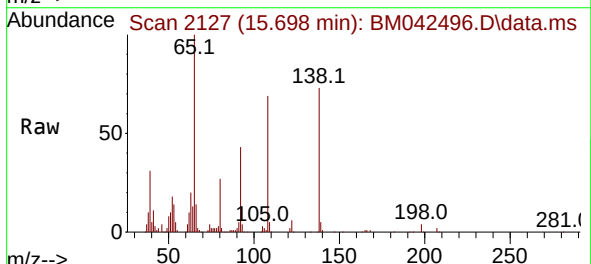
Tgt Ion:204 Resp: 335719  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.9 38.9  
141 58.5 46.8 70.2

Manual Integrations  
APPROVED

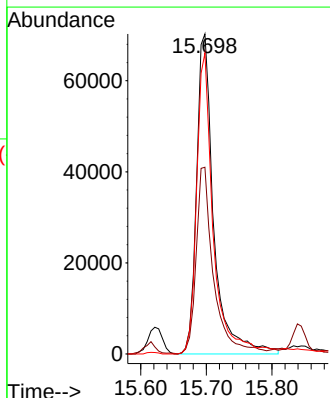
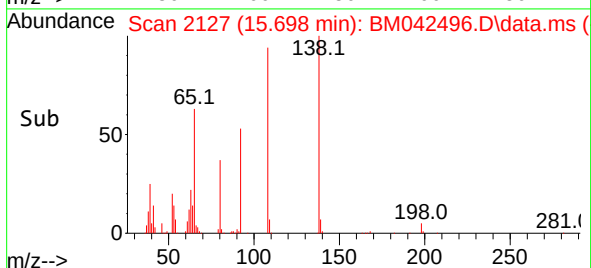
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

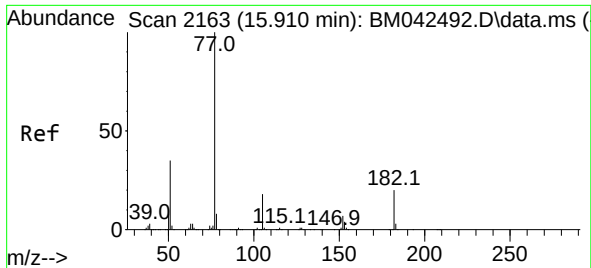


#62  
4-Nitroaniline  
Concen: 40.057 ng  
RT: 15.698 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



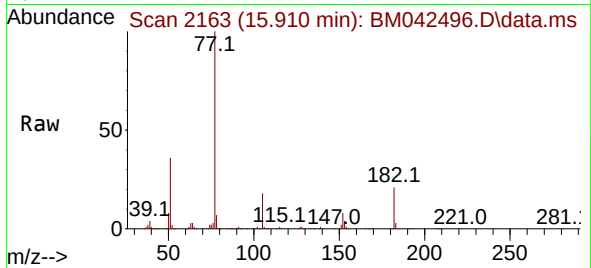
Tgt Ion:138 Resp: 128844  
Ion Ratio Lower Upper  
138 100  
92 58.3 37.0 77.0  
108 94.0 67.2 107.2





#63  
Azobenzene  
Concen: 43.114 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

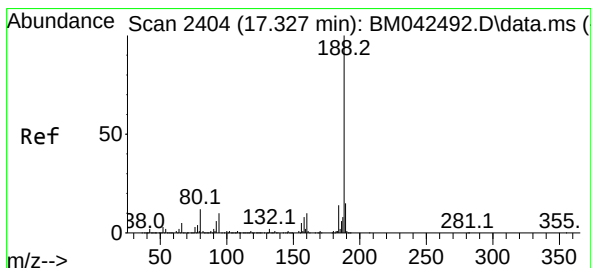
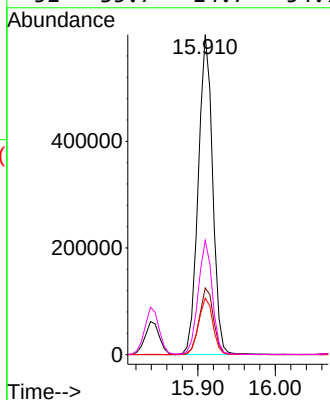
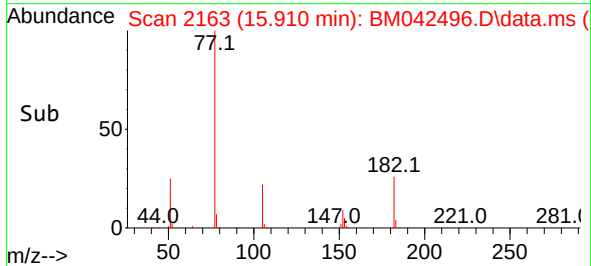
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion: 77 Resp: 770734  
Ion Ratio Lower Upper  
77 100  
182 20.8 0.0 40.0  
105 17.7 0.0 37.9  
51 35.7 14.7 54.7

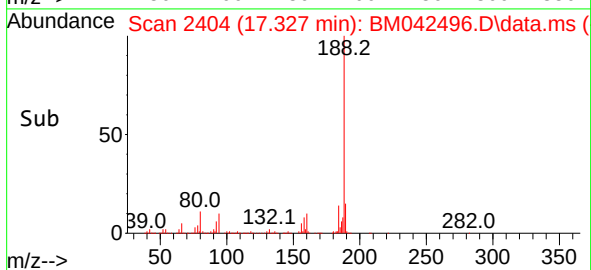
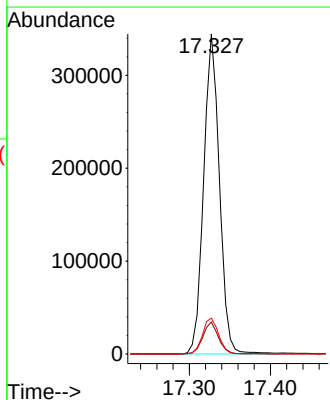
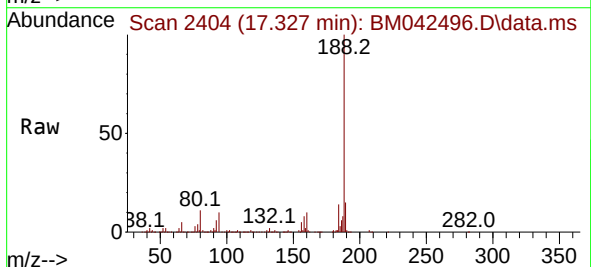
Manual Integrations  
APPROVED

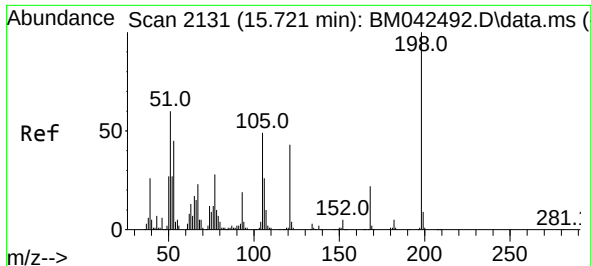
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.327 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

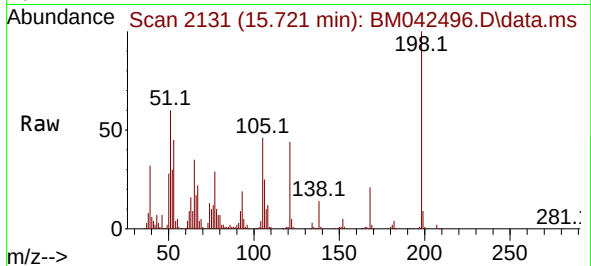
Tgt Ion:188 Resp: 463127  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.2 12.4  
80 11.2 9.4 14.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.381 ng  
RT: 15.721 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

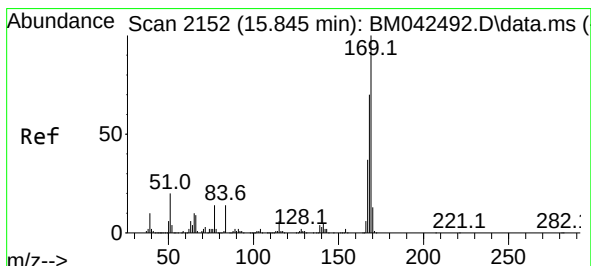
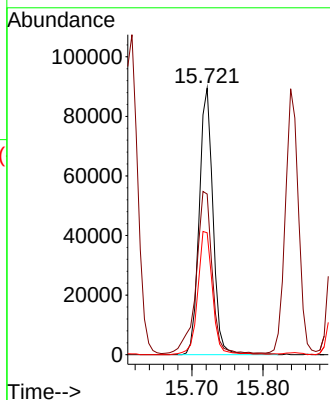
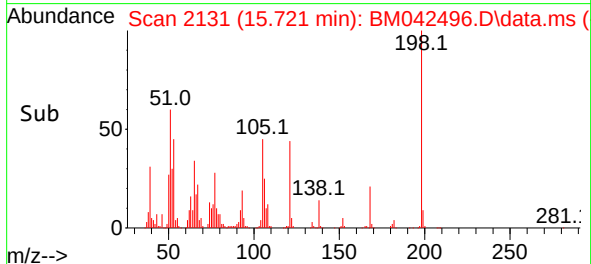
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



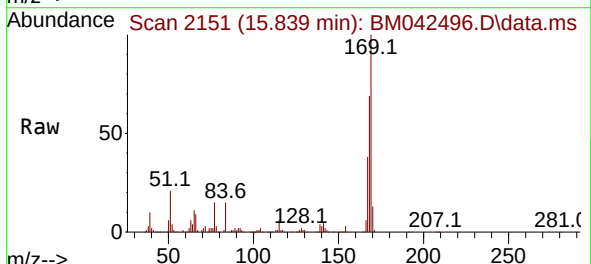
Tgt Ion:198 Resp: 120470  
Ion Ratio Lower Upper  
198 100  
51 60.3 42.4 82.4  
105 45.8 29.2 69.2

Manual Integrations  
APPROVED

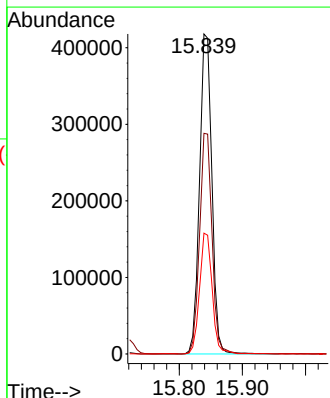
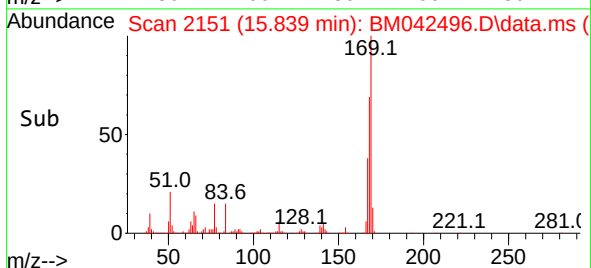
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

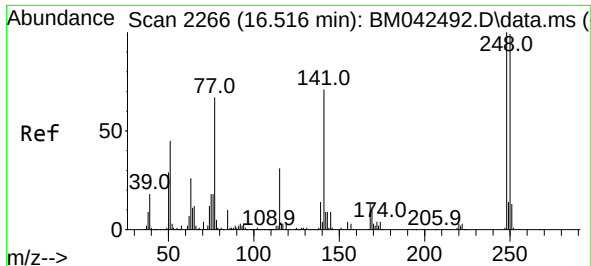


#66  
n-Nitrosodiphenylamine  
Concen: 43.374 ng  
RT: 15.839 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:169 Resp: 566405  
Ion Ratio Lower Upper  
169 100  
168 69.0 55.9 83.9  
167 37.7 29.8 44.8





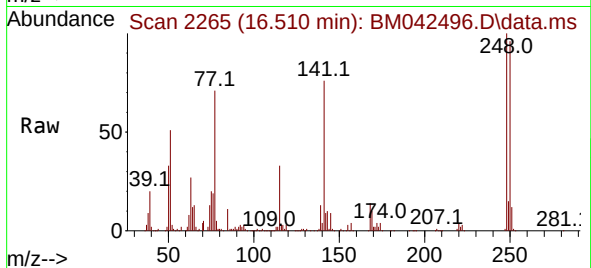
#67  
4-Bromophenyl-phenylether  
Concen: 44.151 ng  
RT: 16.510 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

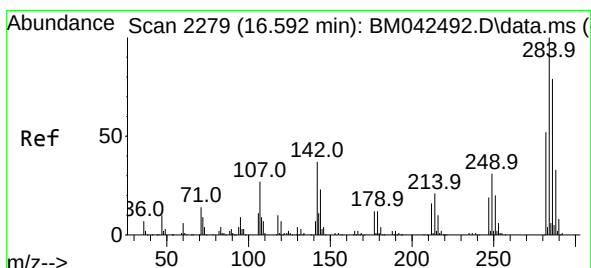
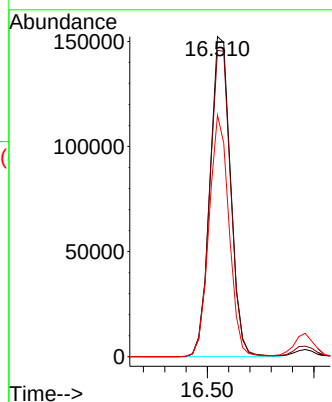
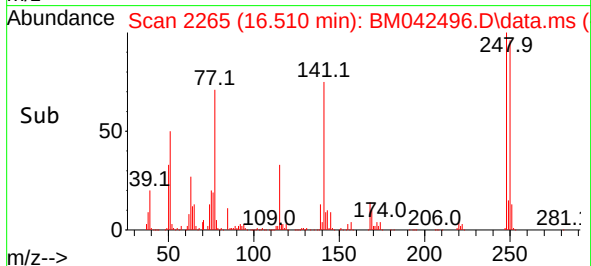


Tgt Ion:248 Resp: 20446  
Ion Ratio Lower Upper  
248 100  
250 95.7 79.4 119.0  
141 75.5 57.0 85.6

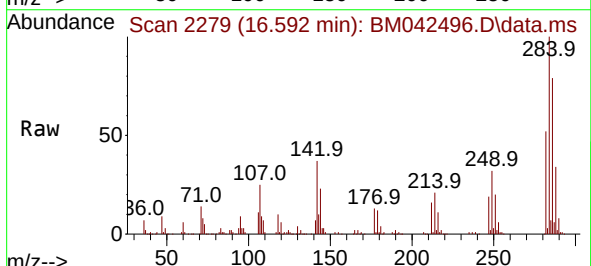
Manual Integrations

APPROVED

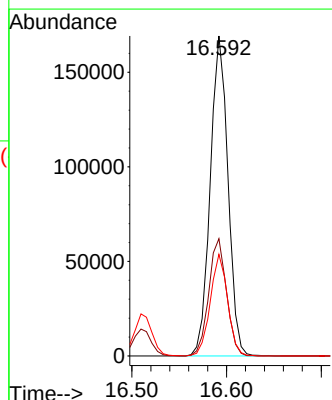
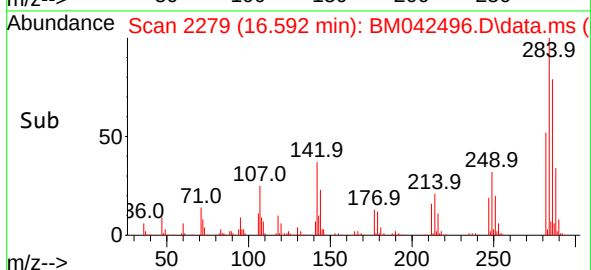
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

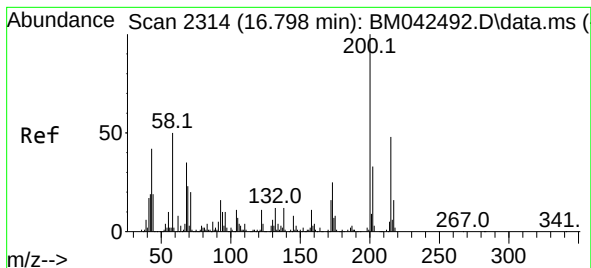


#68  
Hexachlorobenzene  
Concen: 42.826 ng  
RT: 16.592 min Scan# 2279  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



Tgt Ion:284 Resp: 219406  
Ion Ratio Lower Upper  
284 100  
142 36.6 29.8 44.6  
249 31.8 25.1 37.7





#69

Atrazine

Concen: 42.040 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042496.D

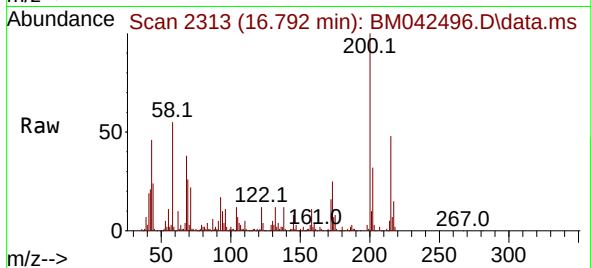
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023



Tgt Ion:200 Resp: 158630

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

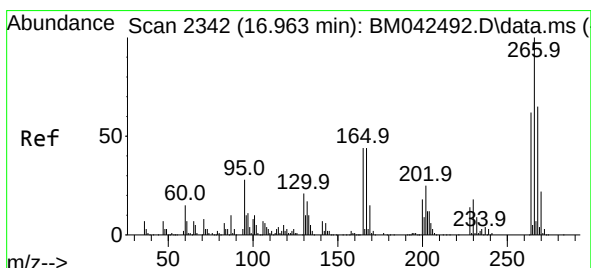
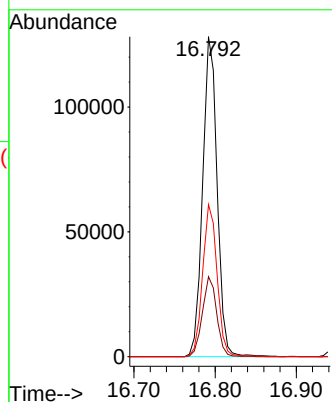
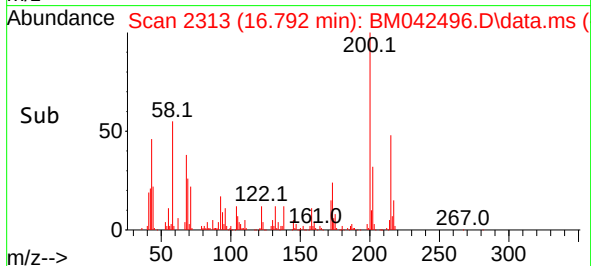
215 47.6 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#70

Pentachlorophenol

Concen: 43.284 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

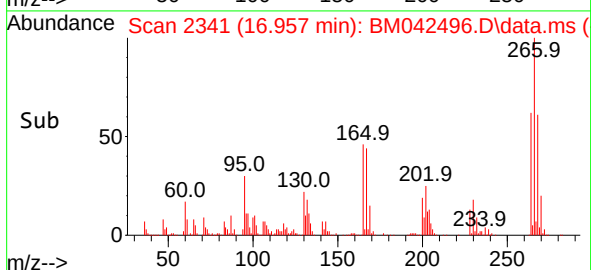
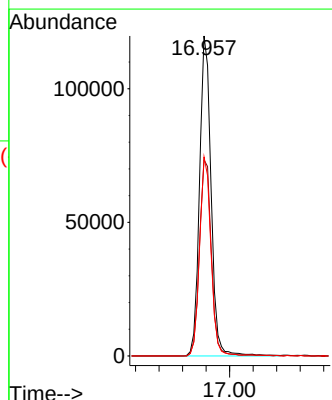
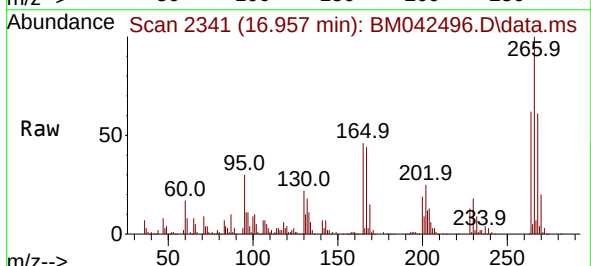
Tgt Ion:266 Resp: 163028

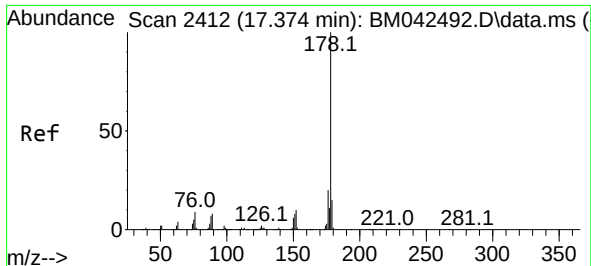
Ion Ratio Lower Upper

266 100

268 61.3 51.7 77.5

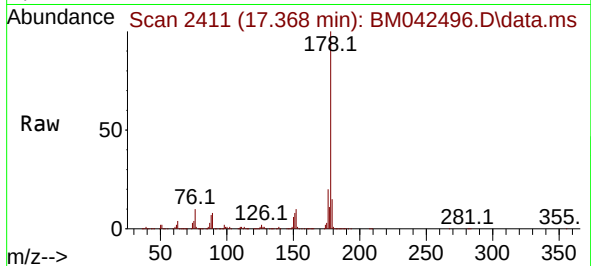
264 62.2 49.4 74.2





#71  
Phenanthrene  
Concen: 43.018 ng  
RT: 17.368 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

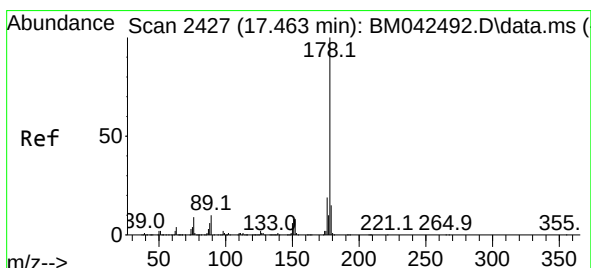
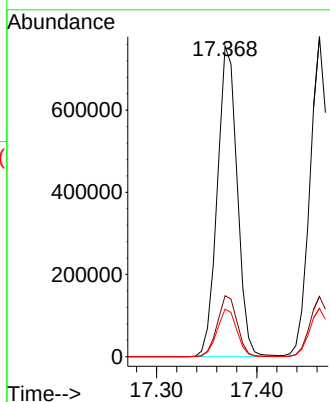
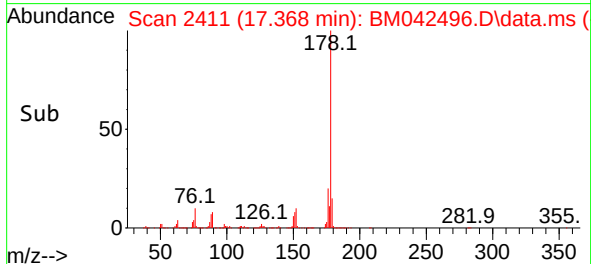
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:178 Resp: 1041150  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.8  
179 15.3 12.2 18.4

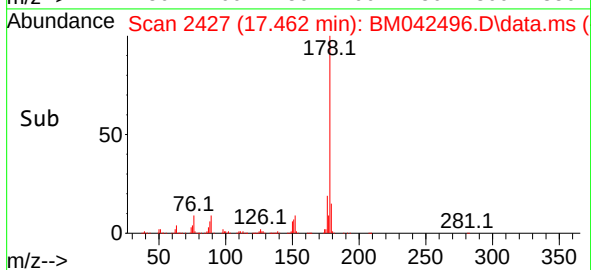
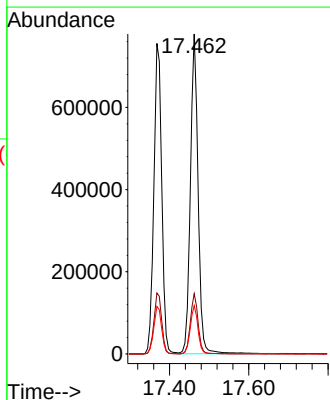
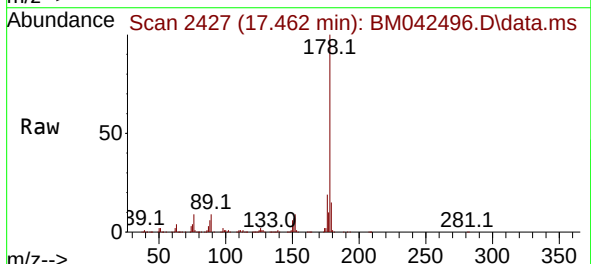
Manual Integrations  
APPROVED

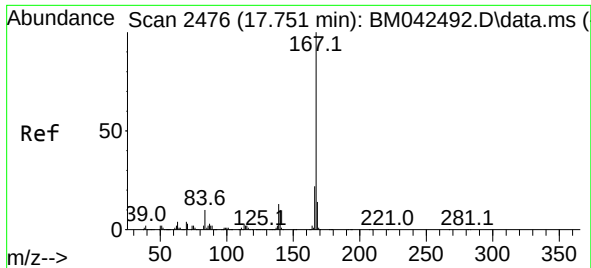
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#72  
Anthracene  
Concen: 43.900 ng  
RT: 17.462 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

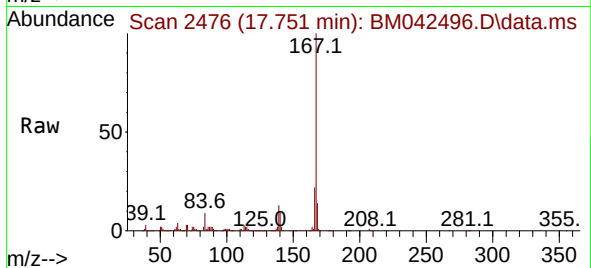
Tgt Ion:178 Resp: 1052390  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.1 12.3 18.5





#73  
 Carbazole  
 Concen: 46.422 ng  
 RT: 17.751 min Scan# 2476  
 Delta R.T. -0.000 min  
 Lab File: BM042496.D  
 Acq: 30 Oct 2023 16:23

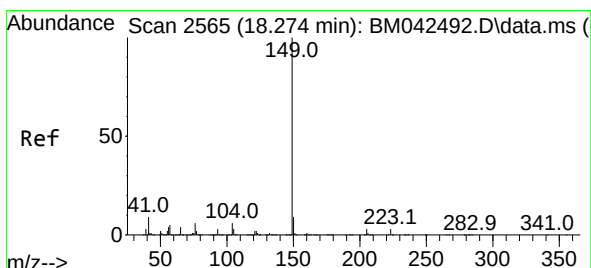
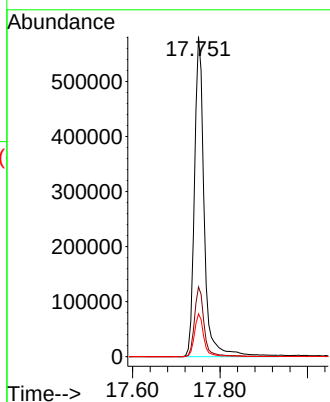
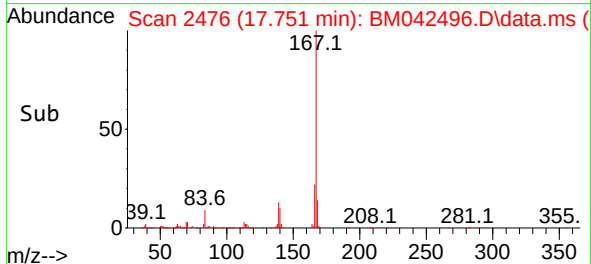
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM103023



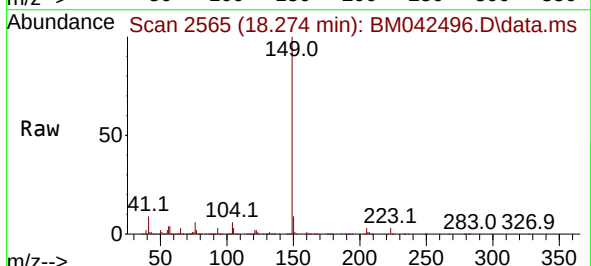
Tgt Ion:167 Resp: 90532  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 13.4 10.5 15.7

Manual Integrations  
 APPROVED

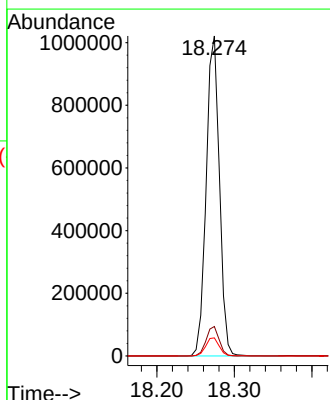
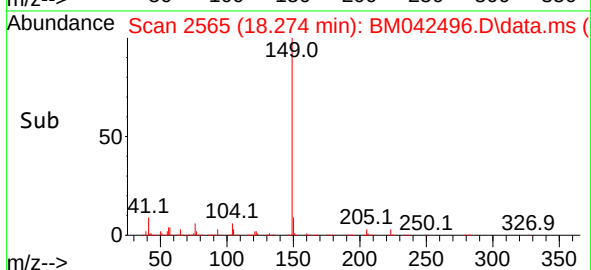
Reviewed By :Yogesh Patel 10/31/2023  
 Supervised By :mohammad ahmed 10/31/2023



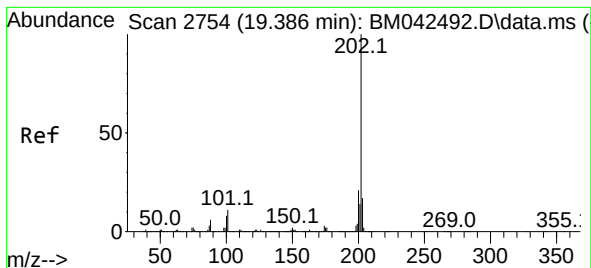
#74  
 Di-n-butylphthalate  
 Concen: 44.100 ng  
 RT: 18.274 min Scan# 2565  
 Delta R.T. -0.000 min  
 Lab File: BM042496.D  
 Acq: 30 Oct 2023 16:23



Tgt Ion:149 Resp: 1207732  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.0 10.6  
 104 5.7 4.6 6.8

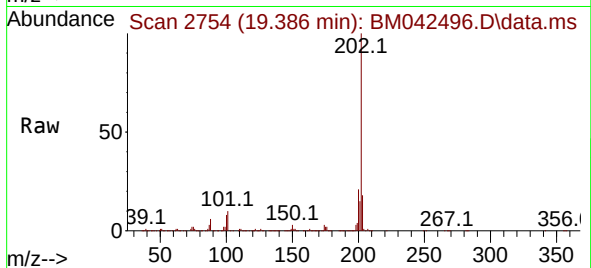






#75  
Fluoranthene  
Concen: 43.647 ng  
RT: 19.386 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

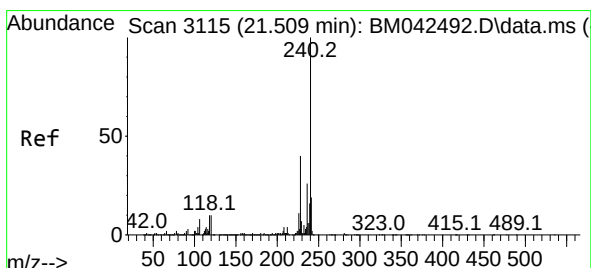
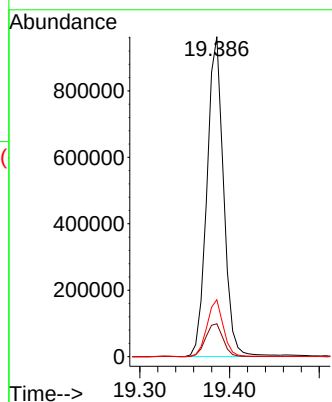
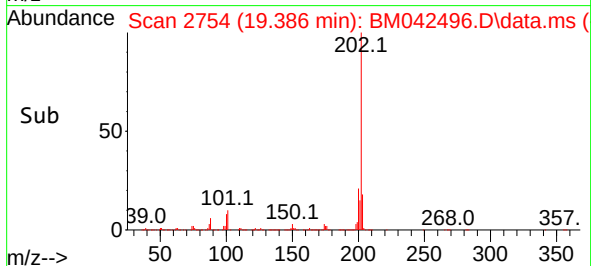
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:202 Resp: 124090  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.5  
203 17.8 0.0 37.0

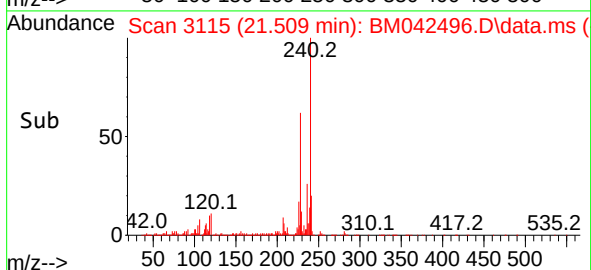
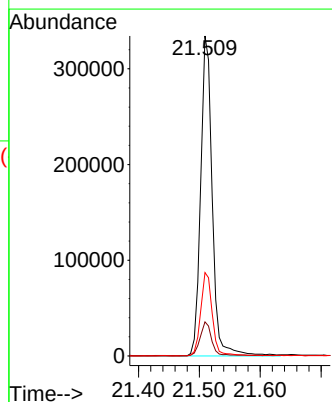
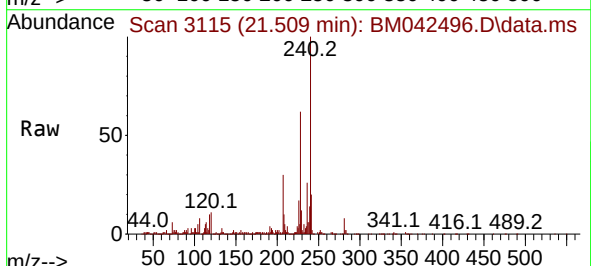
Manual Integrations  
APPROVED

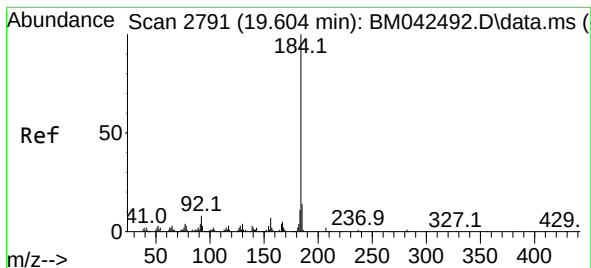
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.509 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:240 Resp: 443902  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.3 12.5  
236 26.0 20.8 31.2





#77

Benzidine

Concen: 53.683 ng

RT: 19.603 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

Tgt Ion:184 Resp: 22858

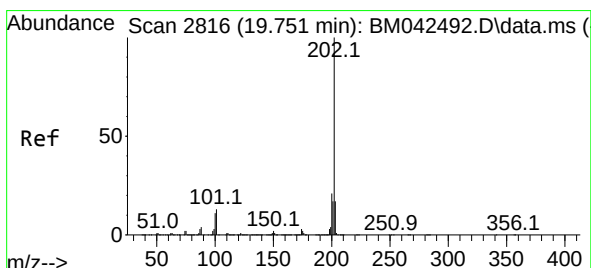
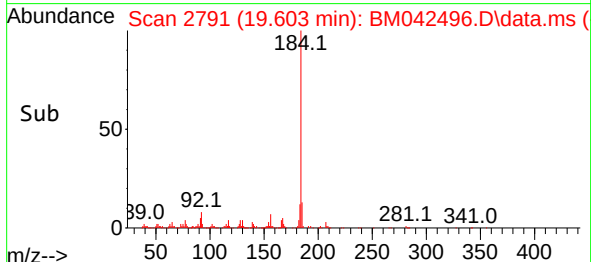
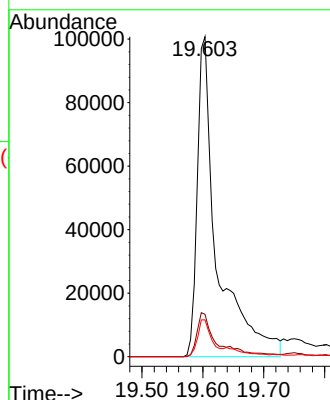
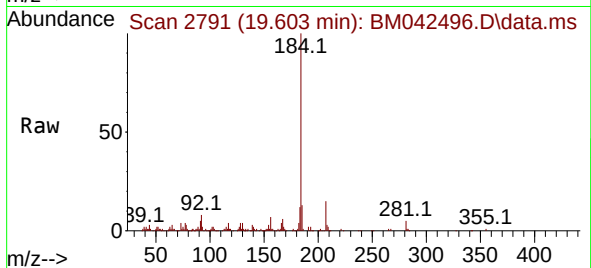
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.3  | 11.2  | 16.8  |
| 183 | 11.5  | 9.0   | 13.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 43.384 ng

RT: 19.750 min Scan# 2816

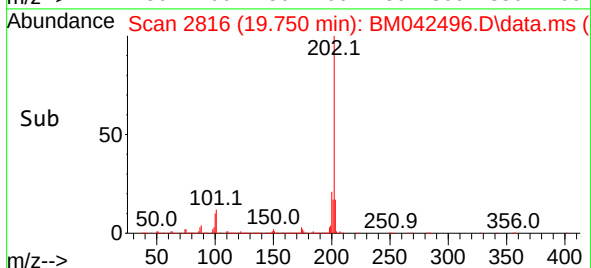
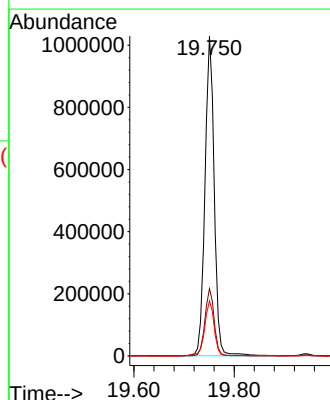
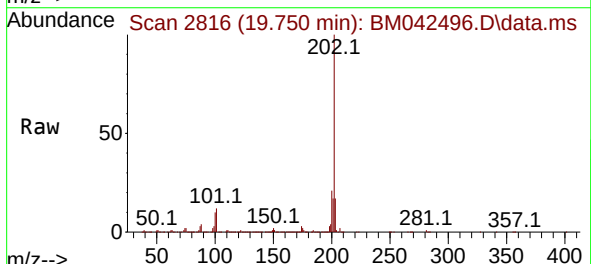
Delta R.T. -0.000 min

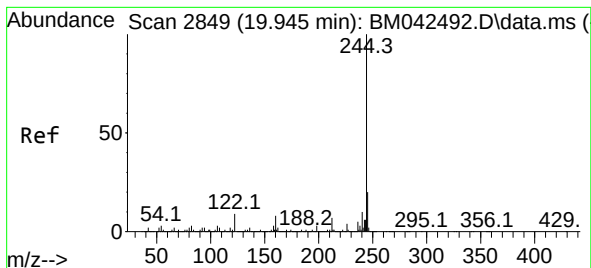
Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

Tgt Ion:202 Resp: 1322386

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.1  | 16.9  | 25.3  |
| 203 | 17.2  | 13.7  | 20.5  |





#79

Terphenyl-d14

Concen: 88.435 ng

RT: 19.945 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BM042496.D

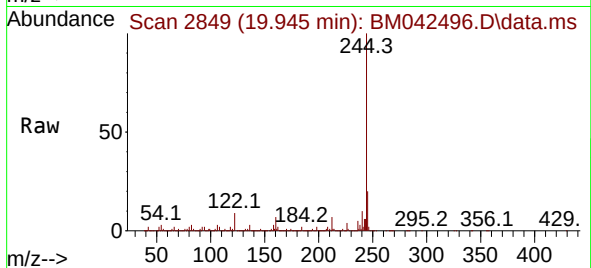
Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023



Tgt Ion:244 Resp: 231518

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

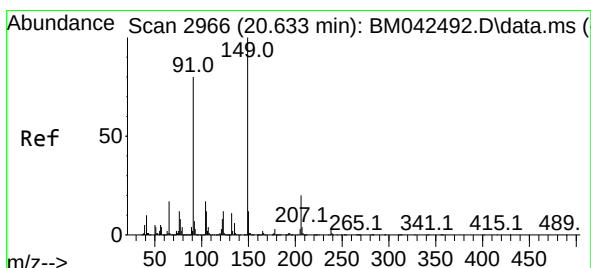
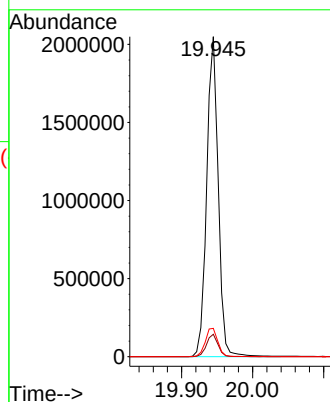
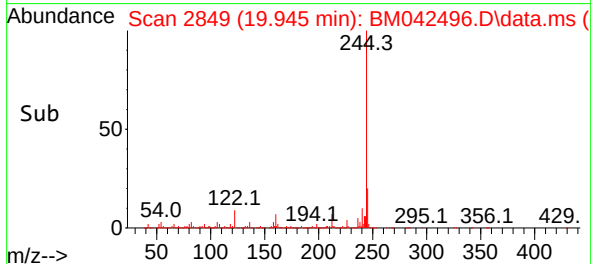
122 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#80

Butylbenzylphthalate

Concen: 43.028 ng

RT: 20.633 min Scan# 2966

Delta R.T. -0.000 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

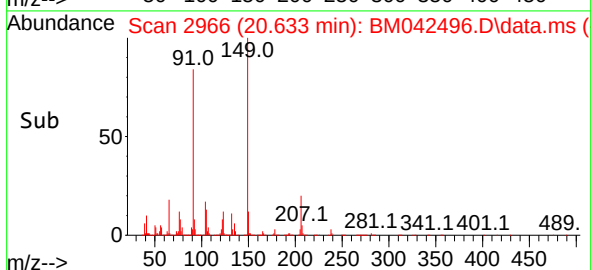
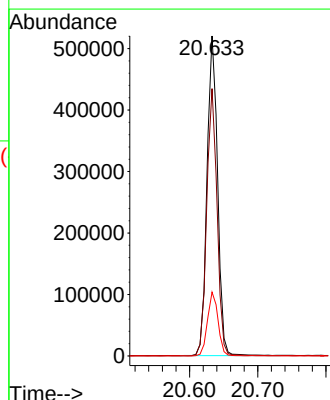
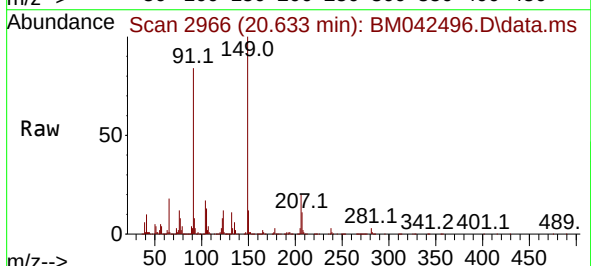
Tgt Ion:149 Resp: 560163

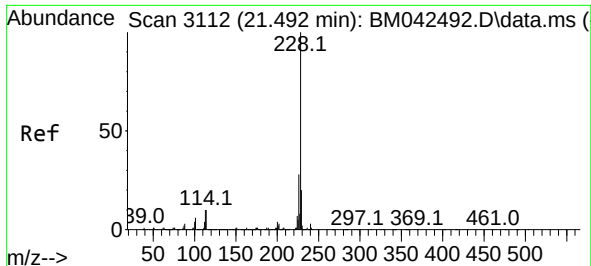
Ion Ratio Lower Upper

149 100

91 83.5 64.2 96.4

206 20.0 16.1 24.1





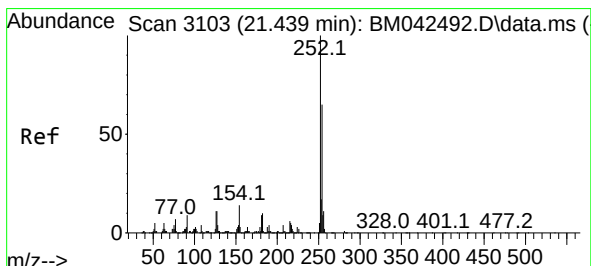
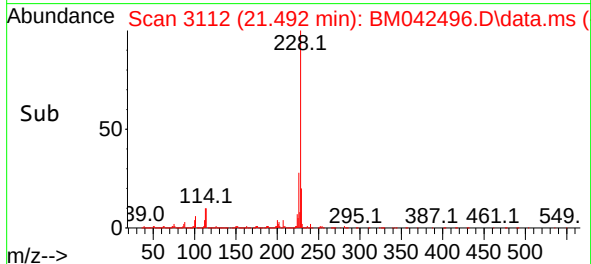
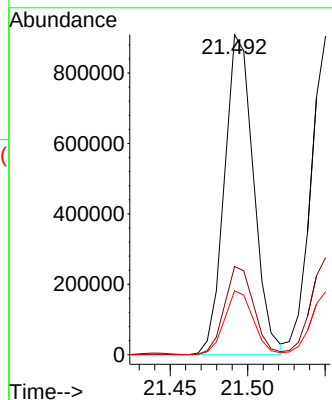
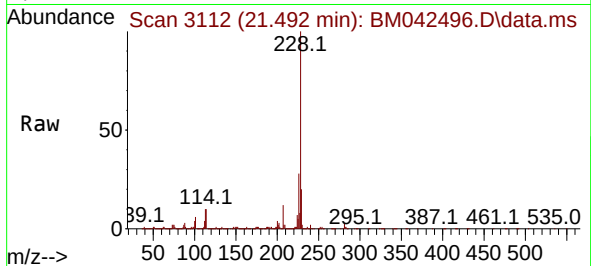
#81  
Benzo(a)anthracene  
Concen: 42.094 ng  
RT: 21.492 min Scan# 3112  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023

Tgt Ion:228 Resp: 1188870  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 20.0 15.8 23.8

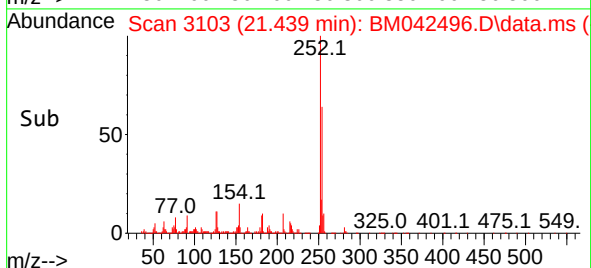
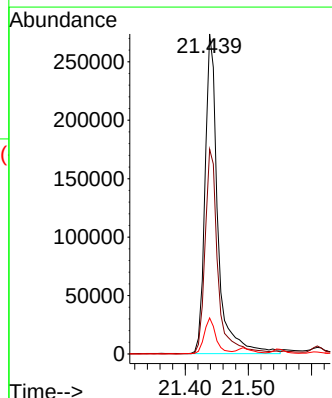
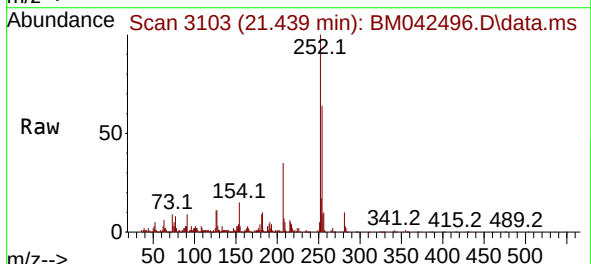
Manual Integrations  
APPROVED

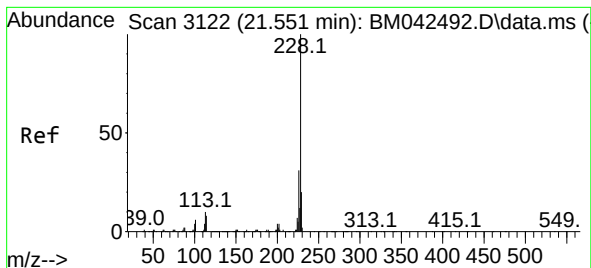
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 43.050 ng  
RT: 21.439 min Scan# 3103  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:252 Resp: 386424  
Ion Ratio Lower Upper  
252 100  
254 64.0 52.2 78.4  
126 11.3 8.9 13.3





#83

Chrysene

Concen: 40.684 ng

RT: 21.550 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

Tgt Ion:228 Resp: 1167194

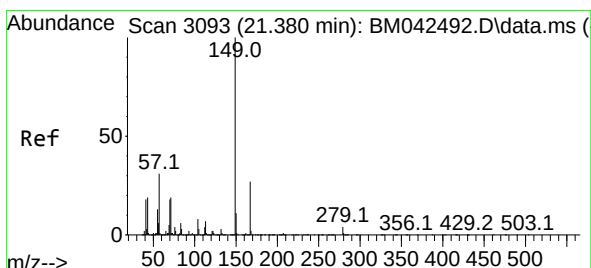
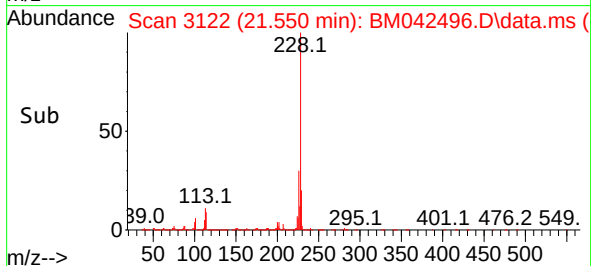
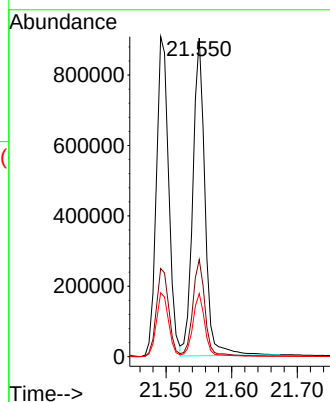
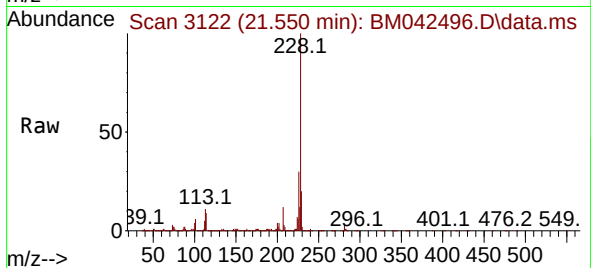
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.5  | 24.4  | 36.6  |
| 229 | 19.8  | 15.7  | 23.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.532 ng

RT: 21.380 min Scan# 3093

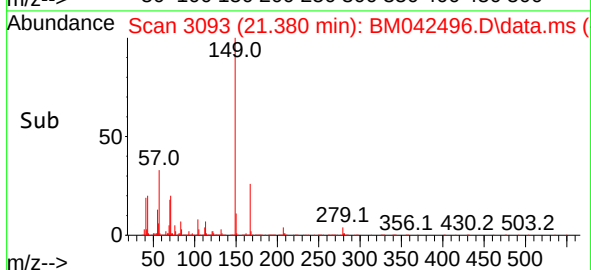
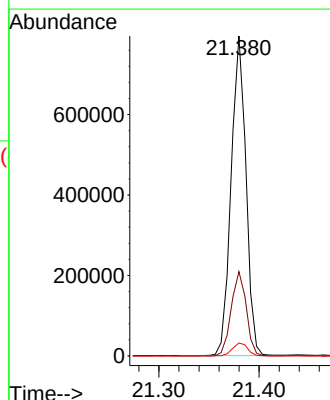
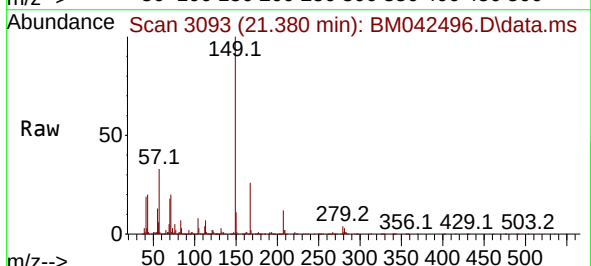
Delta R.T. -0.000 min

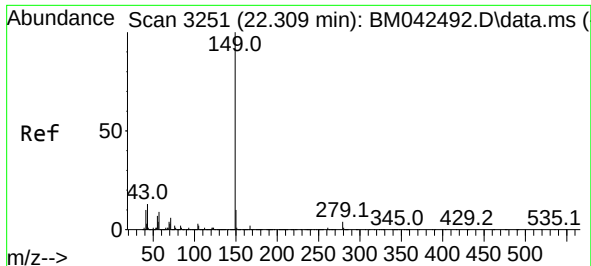
Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

Tgt Ion:149 Resp: 817164

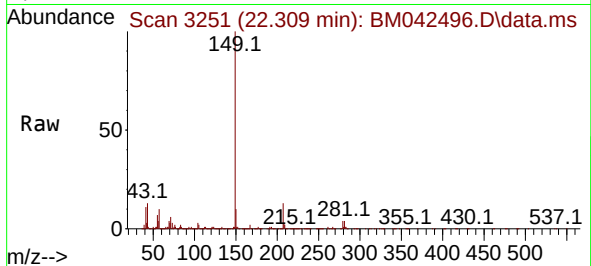
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.4  | 21.4  | 32.0  |
| 279 | 4.0   | 3.4   | 5.2   |





#85  
Di-n-octyl phthalate  
Concen: 41.124 ng  
RT: 22.309 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

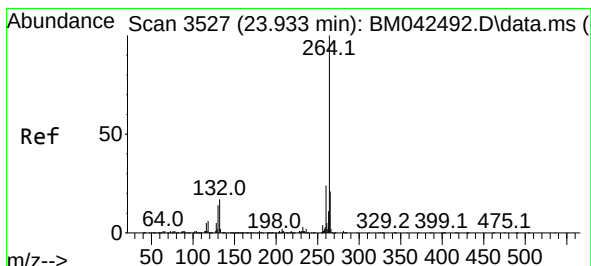
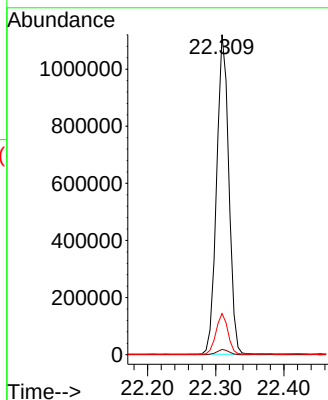
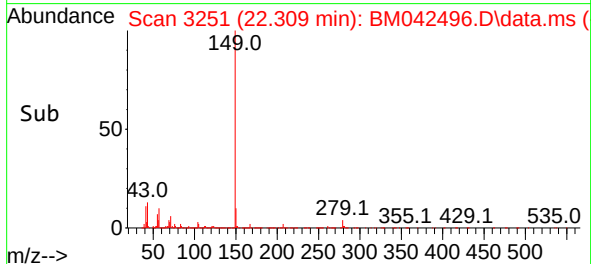
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



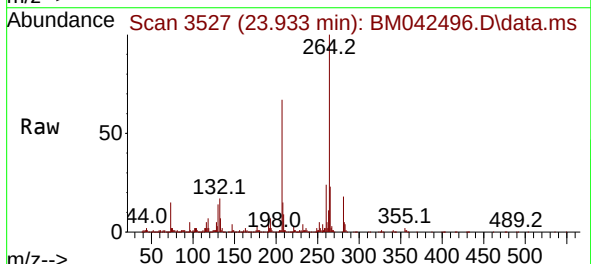
Tgt Ion:149 Resp: 139271  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 12.5 10.2 15.2

Manual Integrations  
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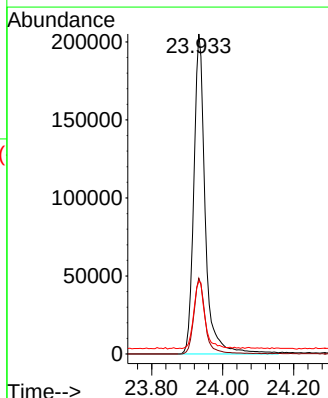
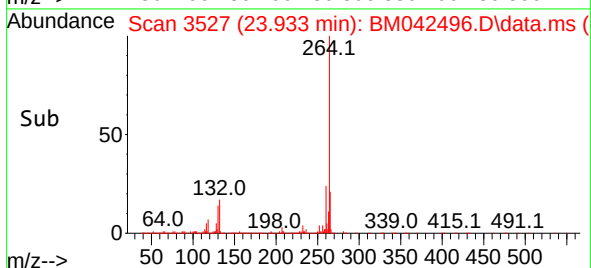
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

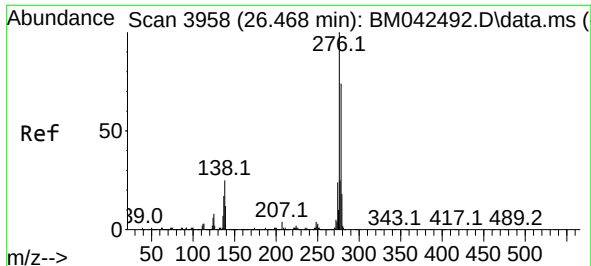


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.933 min Scan# 3527  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



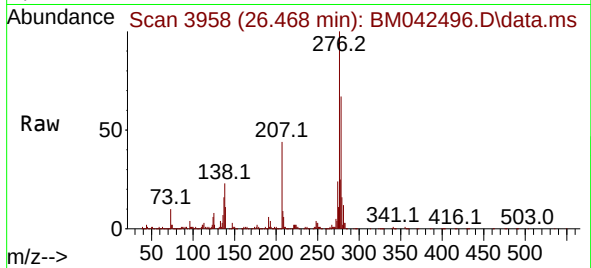
Tgt Ion:264 Resp: 458727  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.0 28.4  
265 22.7 18.7 28.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.780 ng  
RT: 26.468 min Scan# 3958  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

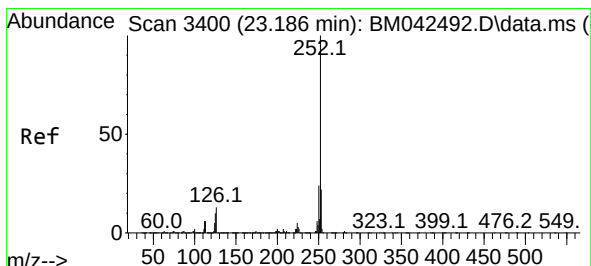
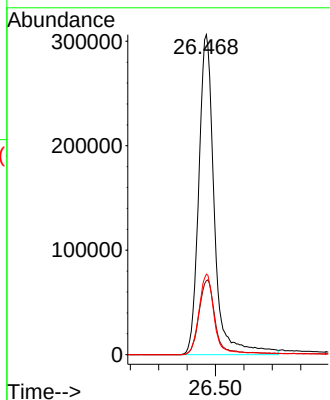
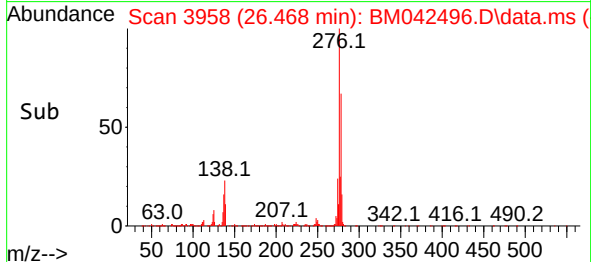
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



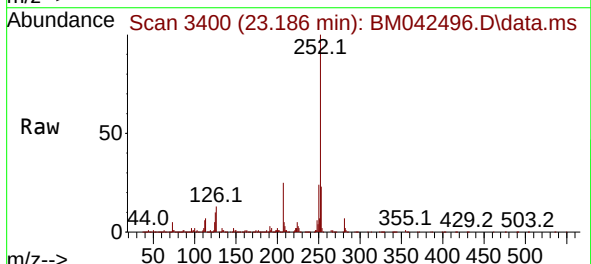
Tgt Ion:276 Resp: 1167984  
Ion Ratio Lower Upper  
276 100  
138 24.1 20.6 31.0  
277 24.5 19.5 29.3

Manual Integrations  
APPROVED

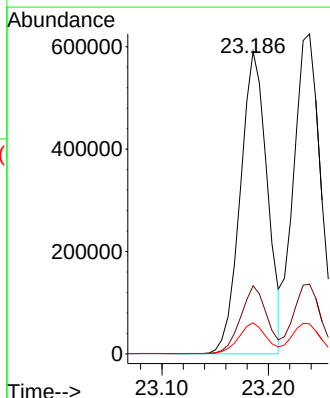
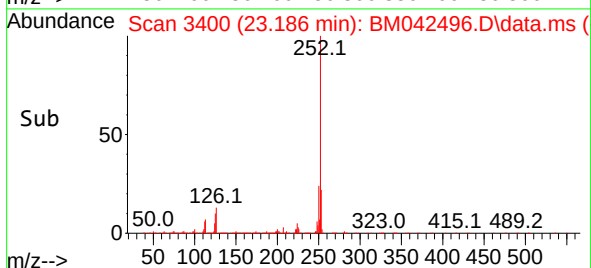
Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

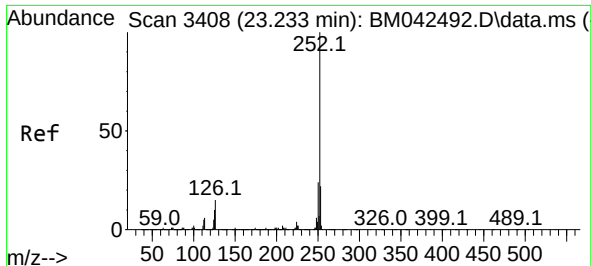


#88  
Benzo(b)fluoranthene  
Concen: 40.646 ng  
RT: 23.186 min Scan# 3400  
Delta R.T. -0.000 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23



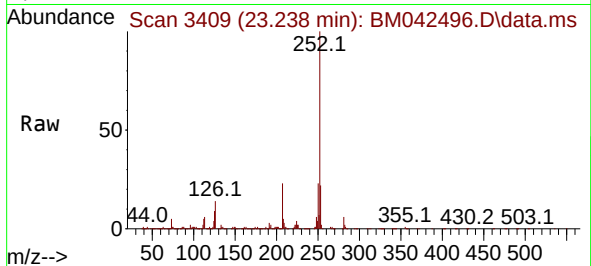
Tgt Ion:252 Resp: 1038783  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 10.3 7.8 11.6





#89  
Benzo(k)fluoranthene  
Concen: 40.710 ng  
RT: 23.238 min Scan# 3408  
Delta R.T. 0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

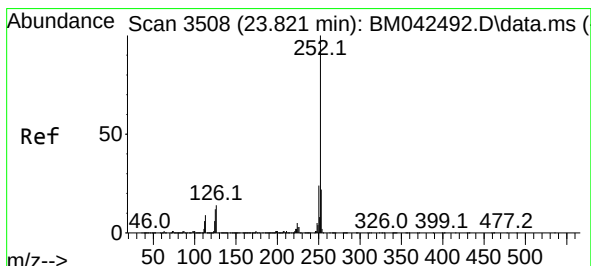
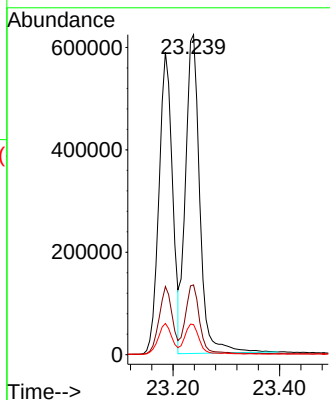
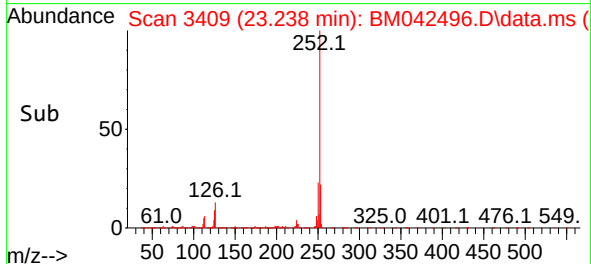
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM103023



Tgt Ion:252 Resp: 1159324  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 9.4 8.2 12.4

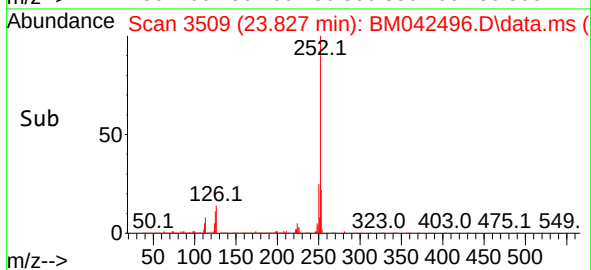
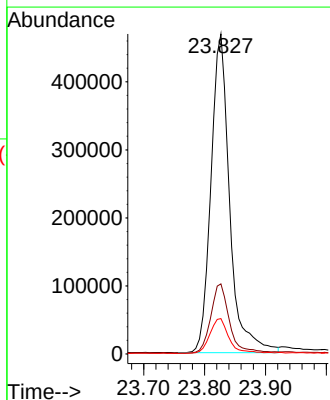
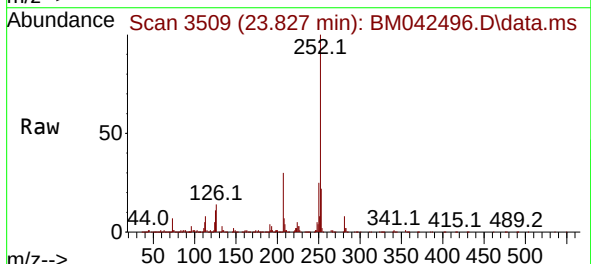
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/31/2023  
Supervised By :mohammad ahmed 10/31/2023

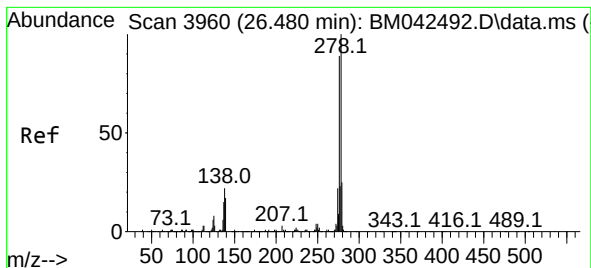


#90  
Benzo(a)pyrene  
Concen: 39.888 ng  
RT: 23.827 min Scan# 3509  
Delta R.T. 0.006 min  
Lab File: BM042496.D  
Acq: 30 Oct 2023 16:23

Tgt Ion:252 Resp: 1003614  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.1 9.4 14.2







#91

Dibenzo(a,h)anthracene

Concen: 37.935 ng

RT: 26.485 min Scan# 3960

Delta R.T. 0.005 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

Instrument :

BNA\_M

ClientSampleId :

ICVBM103023

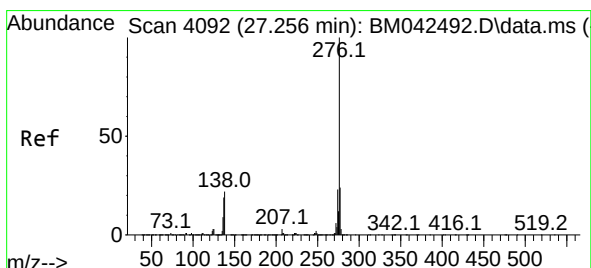
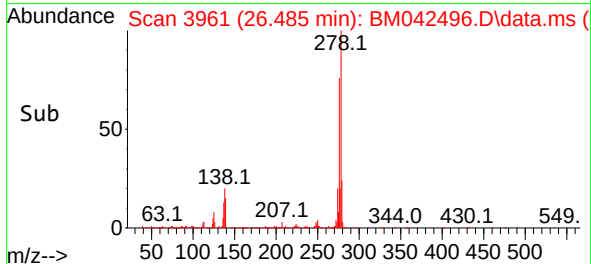
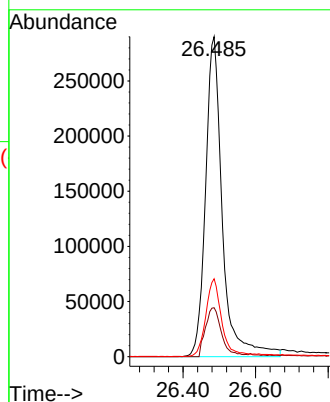
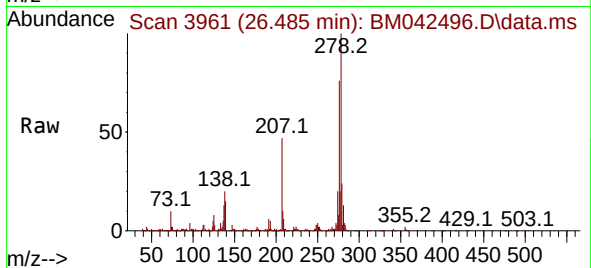
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 93221 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 15.3  | 13.4  | 20.2  |
| 279       | 24.3  | 19.7  | 29.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92

Benzo(g,h,i)perylene

Concen: 41.783 ng

RT: 27.262 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BM042496.D

Acq: 30 Oct 2023 16:23

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1005420 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 23.8  | 19.2  | 28.8    |
| 138       | 21.2  | 17.3  | 25.9    |

