

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
 Data File : BP018234.D  
 Acq On : 17 Nov 2023 23:05  
 Operator : MA/JU  
 Sample : 05369-18MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

GCDP3MSD

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 23:49:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 15 18:13:37 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 48298    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.599 | 136  | 186887   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.457 | 164  | 112876   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 261015   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.375 | 240  | 261355   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.851 | 264  | 296118   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.158  | 96   | 4427     | 3.233  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 6.975  | 99   | 1744     | 0.374  | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 8709     | 3.178  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 5665     | 1.534  | ng/u1  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.528  | 113  | 3943m    | 1.032  | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 8.999  | 128  | 4693     | 2.787  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.716  | 143  | 3182     | 1.668  | ng/u1  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.263 | 165  | 7667m    | 2.255  | ng/u1  | 0.04     |
| 31) 4-Chloroaniline-d4        | 10.810 | 131  | 11267m   | 2.417  | ng/u1  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 33414    | 3.208  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.163 | 160  | 38511    | 3.395  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.757 | 143  | 6186m    | 3.975  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.463 | 176  | 32068    | 3.729  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 200  | 1156m    | 0.613  | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 17.345 | 188  | 49079    | 3.477  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 60997    | 3.494  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.686 | 264  | 63127    | 3.666  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.199  | 88   | 4199     | 2.811  | ng/uL  | 93       |
| 6) Benzaldehyde               | 6.975  | 77   | 20264    | 8.069  | ng/u1  | 95       |
| 8) Phenol                     | 7.005  | 94   | 18721    | 4.070  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.234  | 93   | 29051    | 8.141  | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.346  | 128  | 21408    | 5.774  | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.252  | 108  | 19493    | 5.609  | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.299  | 45   | 36175m   | 8.878  | ng/u1  |          |
| 16) Acetophenone              | 8.646  | 105  | 46176    | 7.603  | ng/u1  | 95       |
| 17) N-Nitroso-di-n-propyla... | 8.605  | 70   | 25072    | 7.561  | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.599  | 108  | 18350    | 4.841  | ng/u1  | 93       |
| 19) Hexachloroethane          | 8.828  | 117  | 15371    | 8.666  | ng/u1  | 92       |
| 22) Nitrobenzene              | 9.040  | 77   | 36241    | 7.971  | ng/u1  | 98       |
| 23) Isophorone                | 9.534  | 82   | 66009    | 7.957  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.746  | 139  | 12077    | 6.161  | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.787  | 107  | 28673    | 6.876  | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.034 | 93   | 36505    | 8.069  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.281 | 162  | 15004    | 4.622  | ng/u1  | 96       |
| 30) Naphthalene               | 10.646 | 128  | 99076    | 8.717  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.834 | 127  | 23251m   | 5.206  | ng/u1  |          |
| 33) Hexachlorobutadiene       | 10.857 | 225  | 21709    | 9.109  | ng/u1  | 97       |
| 34) Caprolactam               | 11.646 | 113  | 4989m    | 4.626  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.934 | 107  | 22765    | 5.828  | ng/u1  | 93       |
| 36) 2-Methylnaphthalene       | 12.269 | 142  | 66055    | 8.466  | ng/u1  | 96       |
| 37) 1-Methylnaphthalene       | 12.487 | 142  | 65304    | 8.145  | ng/u1  | 97       |

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 Sample : 05369-18MSD  
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## Instrument :

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GCDP3MSD

## Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 23:49:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 15 18:13:37 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 39) 1,2,4,5-Tetrachloroben... | 12.628 | 216  | 37260    | 9.771  | ng/ul  | 94       |
| 40) Hexachlorocyclopentadiene | 12.551 | 237  | 7474     | 4.061  | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.904 | 196  | 16551    | 6.617  | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.993 | 196  | 17188    | 6.529  | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.287 | 154  | 88854    | 9.257  | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.340 | 162  | 70658    | 9.272  | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.616 | 65   | 18094    | 7.358  | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.934 | 163  | 90256    | 8.834  | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.093 | 165  | 16125    | 7.941  | ng/ul# | 89       |
| 50) Acenaphthylene            | 14.187 | 152  | 110500   | 8.628  | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.463 | 138  | 8670     | 4.601  | ng/ul# | 71       |
| 52) Acenaphthene              | 14.528 | 153  | 80676    | 9.500  | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.704 | 184  | 2681m    | 2.420  | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.757 | 109  | 2381m    | 1.153  | ng/ul  |          |
| 56) Dibenzofuran              | 14.869 | 168  | 107891   | 9.271  | ng/ul  | 90       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 23829    | 7.854  | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 15039    | 6.422  | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.293 | 149  | 100753   | 9.440  | ng/ul  | 99       |
| 61) Fluorene                  | 15.522 | 166  | 90459    | 9.155  | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.516 | 204  | 46038    | 9.508  | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.640 | 138  | 11109m   | 6.248  | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 7553     | 3.857  | ng/ul# | 89       |
| 67) N-Nitrosodiphenylamine    | 15.745 | 169  | 73787    | 8.815  | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.422 | 248  | 29241    | 9.940  | ng/ul  | 92       |
| 69) Hexachlorobenzene         | 16.498 | 284  | 34895    | 10.630 | ng/ul  | 93       |
| 70) Atrazine                  | 16.704 | 200  | 27112    | 9.285  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.887 | 266  | 7537     | 3.782  | ng/ul  | 94       |
| 72) Phenanthrene              | 17.287 | 178  | 153159   | 9.557  | ng/ul  | 98       |
| 74) Anthracene                | 17.381 | 178  | 152990   | 9.354  | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.240 | 216  | 37751    | 9.471  | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 36771    | 9.424  | ng/uL  | 95       |
| 77) Carbazole                 | 17.686 | 167  | 129401   | 9.111  | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.186 | 149  | 162387   | 9.011  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.275 | 202  | 175955   | 8.630  | ng/ul  | 97       |
| 82) Pyrene                    | 19.633 | 202  | 186950   | 8.751  | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.498 | 149  | 82960    | 9.234  | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.310 | 252  | 52033    | 8.333  | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.357 | 228  | 203998   | 9.666  | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 119597   | 9.655  | ng/ul  | 100      |
| 87) Chrysene                  | 21.416 | 228  | 197078   | 9.982  | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.192 | 149  | 201309   | 9.090  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.080 | 252  | 205613   | 9.757  | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.133 | 252  | 205202   | 9.678  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.733 | 252  | 189965   | 9.545  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.474 | 276  | 231620   | 9.704  | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.498 | 278  | 191929   | 9.766  | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.292 | 276  | 188844   | 9.891  | ng/ul  | 95       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
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 Operator : MA/JU  
 Sample : 05369-18MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/19/2023

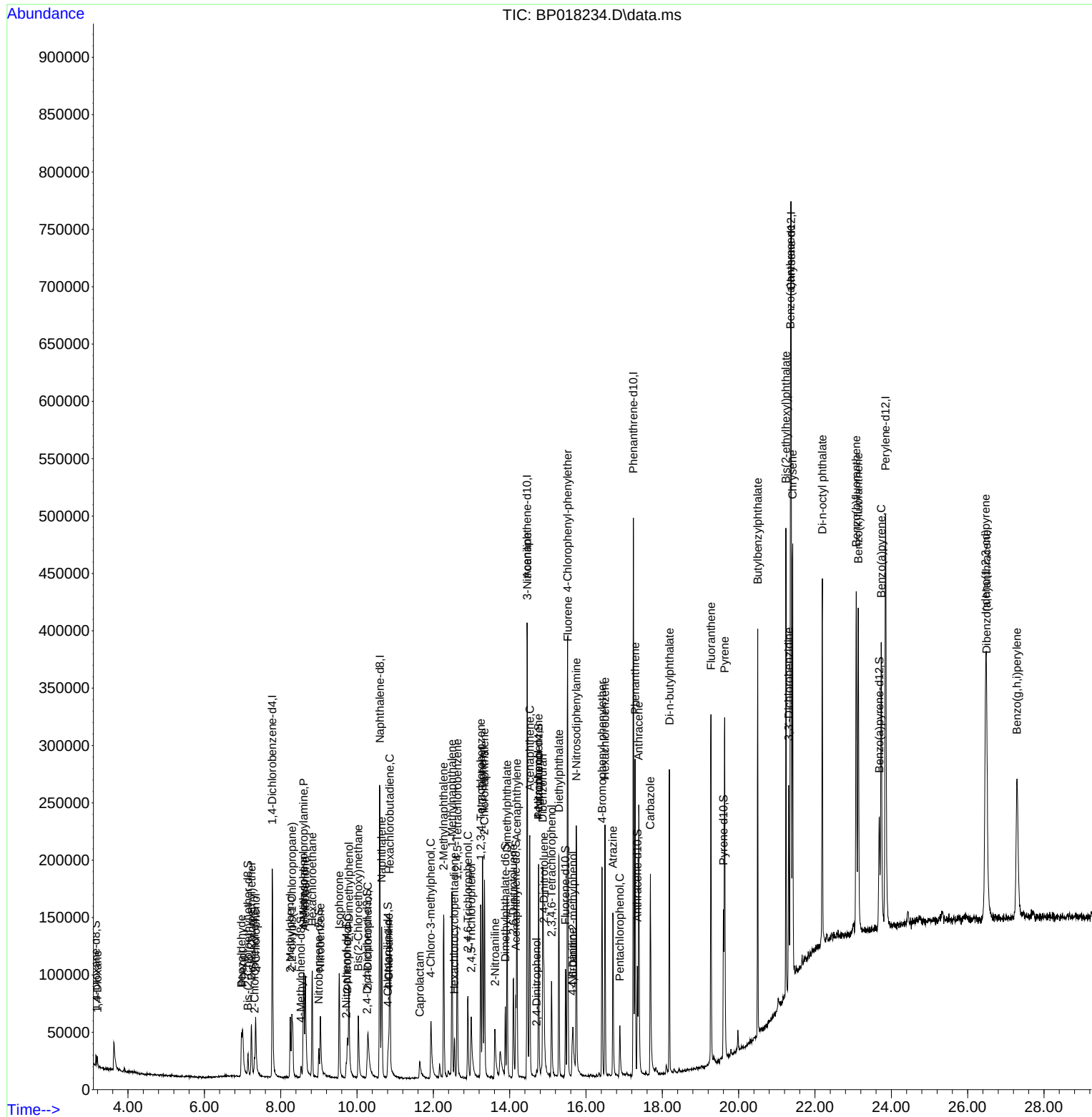
Quant Time: Nov 17 23:49:07 2023

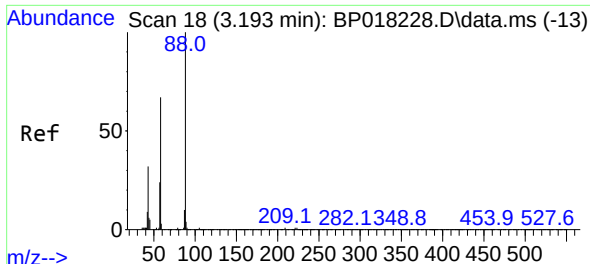
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 15 18:13:37 2023

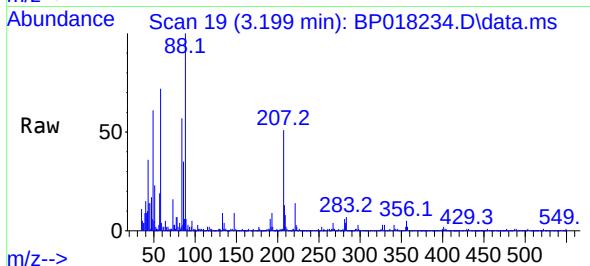
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 2.811 ng/uL  
RT: 3.199 min Scan# 18  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

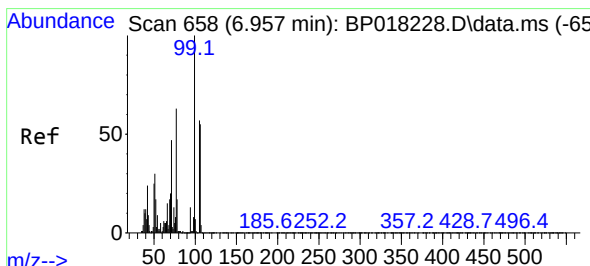
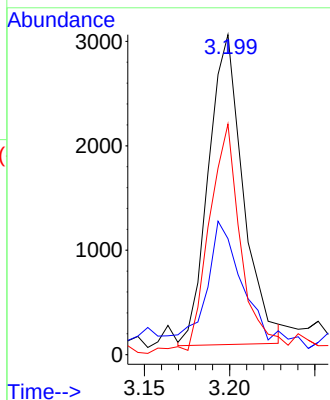
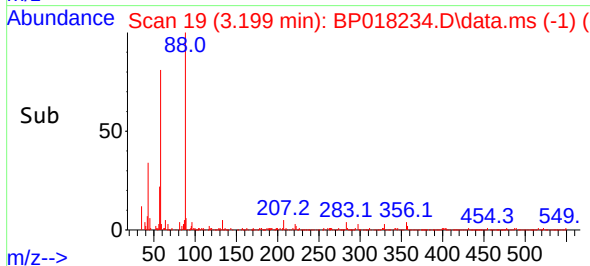
Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD



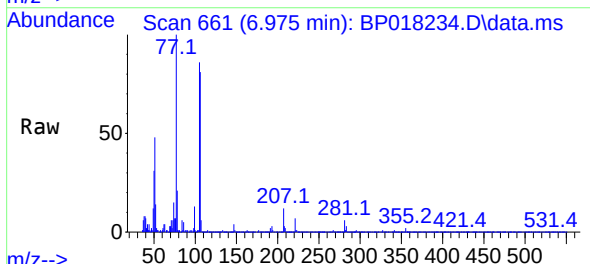
Tgt Ion: 88 Resp: 4199  
Ion Ratio Lower Upper  
88 100  
43 36.3 25.4 38.2  
58 72.0 53.3 79.9

Manual Integrations  
APPROVED

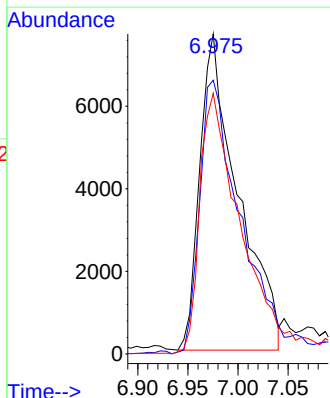
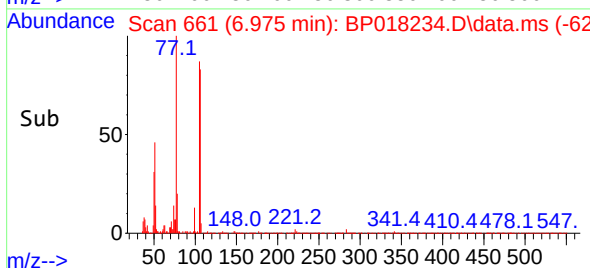
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

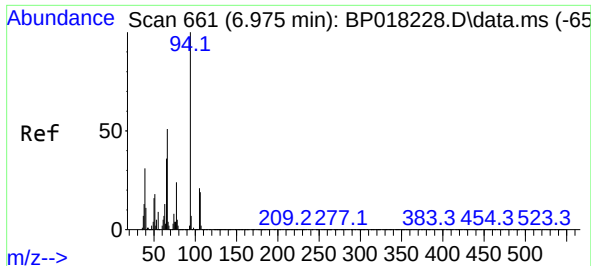


#6  
Benzaldehyde  
Concen: 8.069 ng/uL  
RT: 6.975 min Scan# 661  
Delta R.T. 0.018 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05



Tgt Ion: 77 Resp: 20264  
Ion Ratio Lower Upper  
77 100  
105 85.5 72.7 109.1  
106 81.4 67.5 101.3





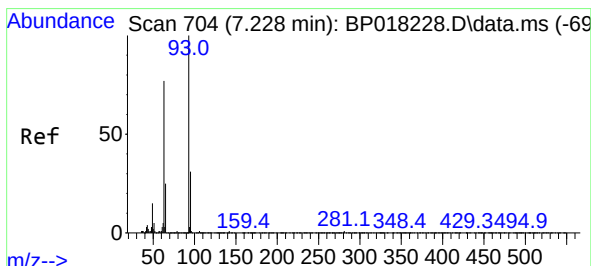
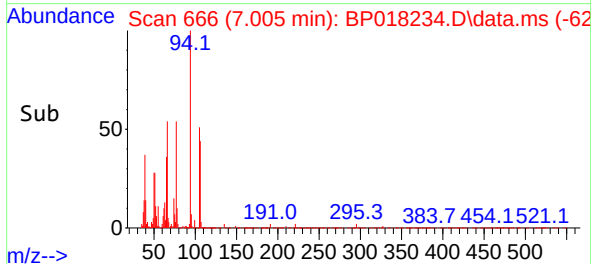
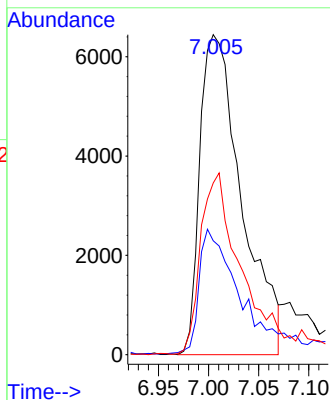
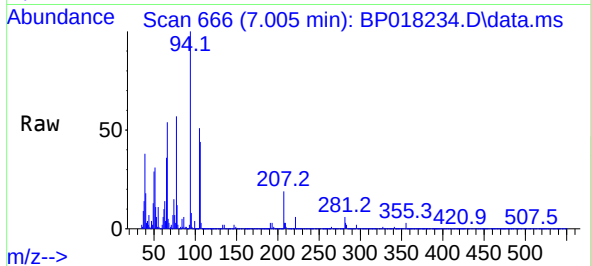
#8  
Phenol  
Concen: 4.070 ng/ul  
RT: 7.005 min Scan# 60  
Delta R.T. 0.024 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion: 94 Resp: 1872  
Ion Ratio Lower Upper  
94 100  
65 35.6 28.2 42.2  
66 53.7 40.3 60.5

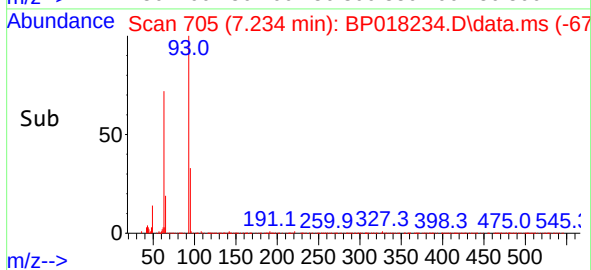
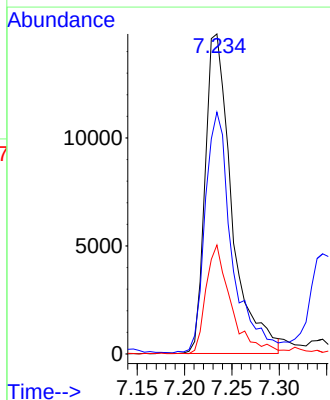
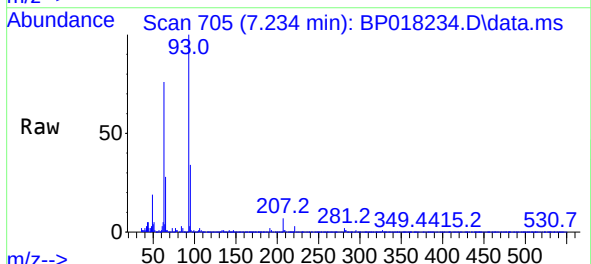
Manual Integrations  
APPROVED

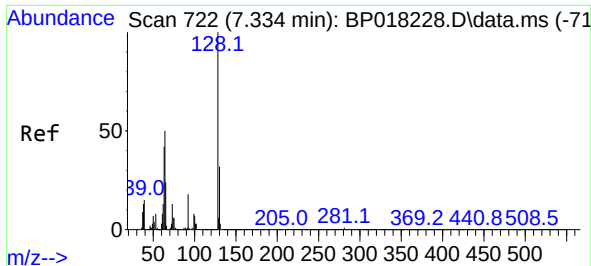
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#10  
Bis(2-Chloroethyl)ether  
Concen: 8.141 ng/ul  
RT: 7.234 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion: 93 Resp: 29051  
Ion Ratio Lower Upper  
93 100  
63 75.6 57.8 86.6  
95 34.0 25.5 38.3





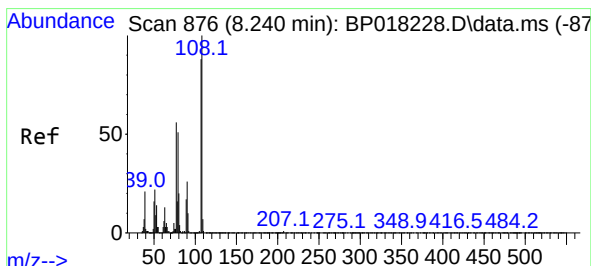
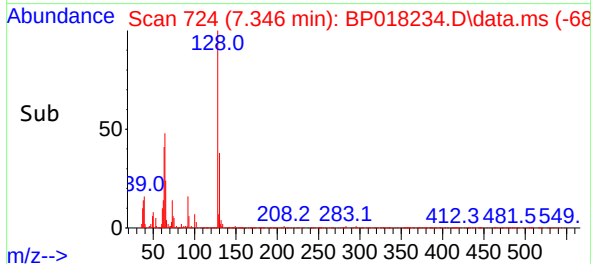
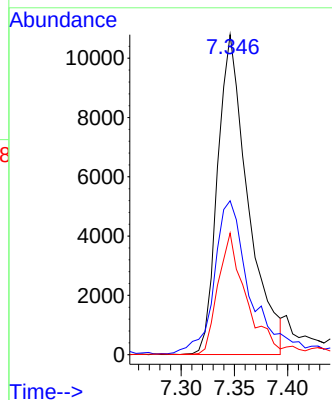
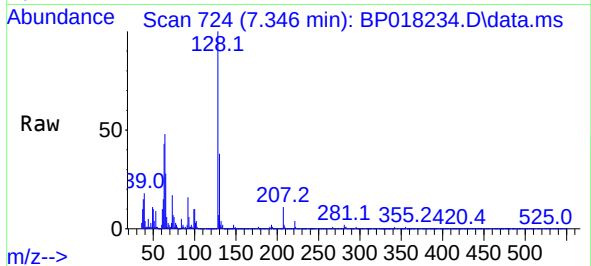
#12  
2-Chlorophenol  
Concen: 5.774 ng/ul  
RT: 7.346 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:128 Resp: 21408  
Ion Ratio Lower Upper  
128 100  
64 48.1 39.2 58.8  
130 38.0 26.6 40.0

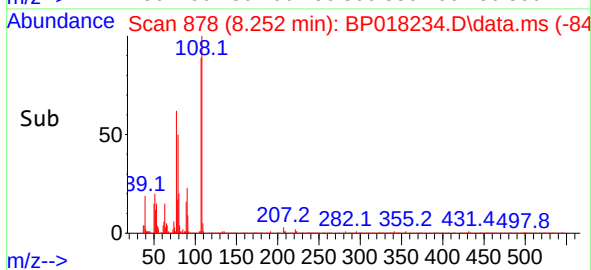
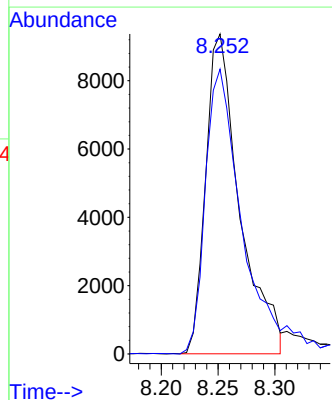
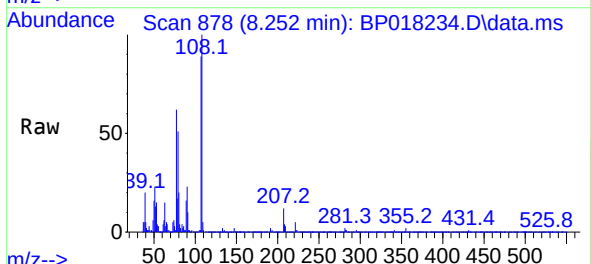
Manual Integrations  
APPROVED

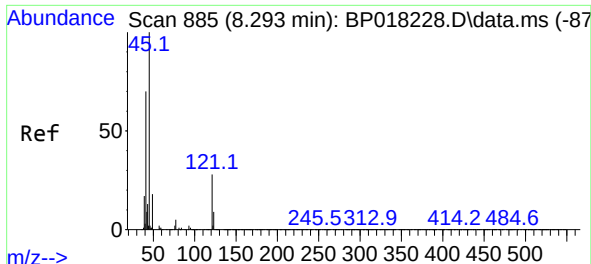
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#13  
2-Methylphenol  
Concen: 5.609 ng/ul  
RT: 8.252 min Scan# 878  
Delta R.T. 0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:108 Resp: 19493  
Ion Ratio Lower Upper  
108 100  
107 89.0 75.2 112.8





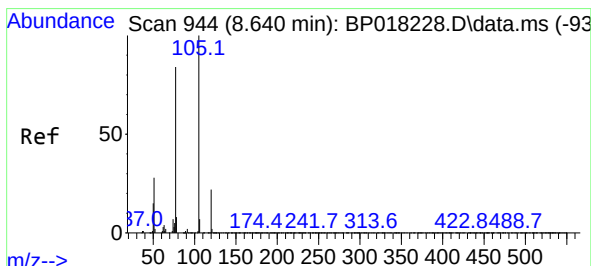
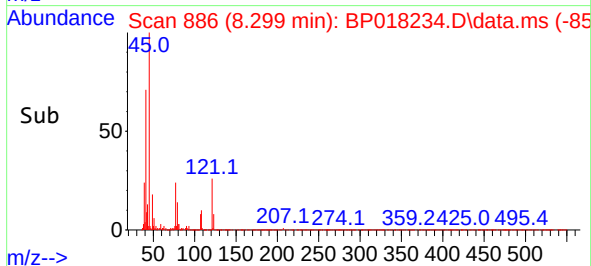
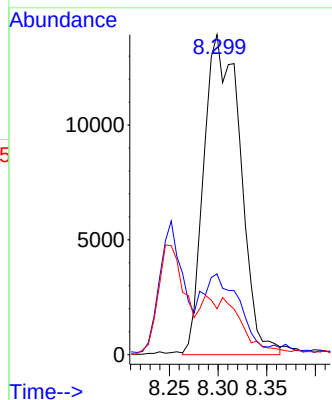
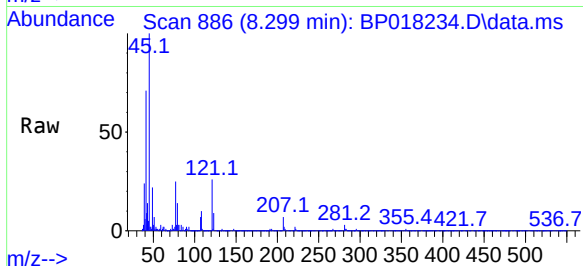
#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 8.878 ng/ul m  
RT: 8.299 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion: 45 Resp: 3617  
Ion Ratio Lower Upper  
45 100  
77 25.3 16.1 24.1  
79 14.3 11.1 16.7

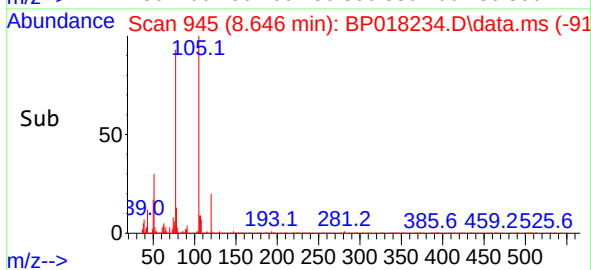
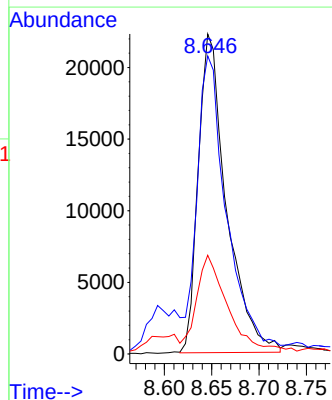
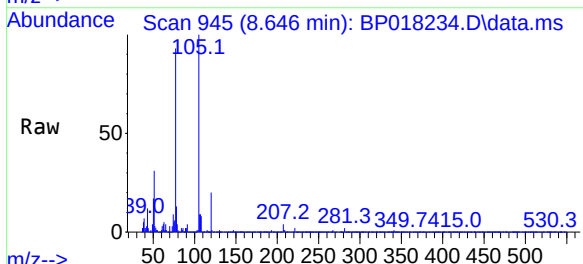
Manual Integrations  
APPROVED

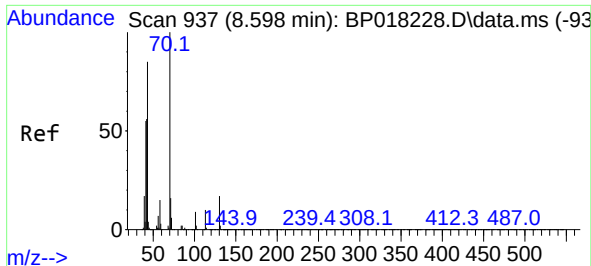
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#16  
Acetophenone  
Concen: 7.603 ng/ul  
RT: 8.646 min Scan# 945  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:105 Resp: 46176  
Ion Ratio Lower Upper  
105 100  
77 93.2 70.1 105.1  
51 30.8 23.4 35.0





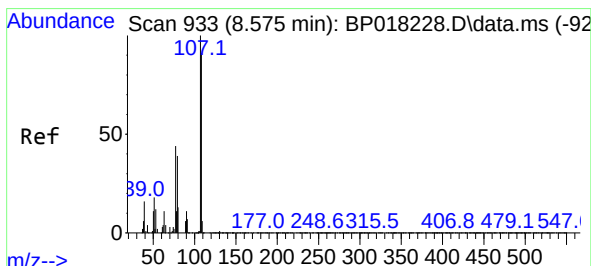
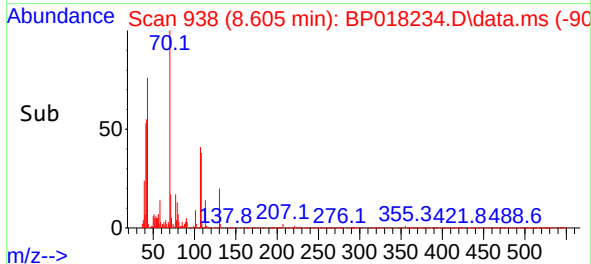
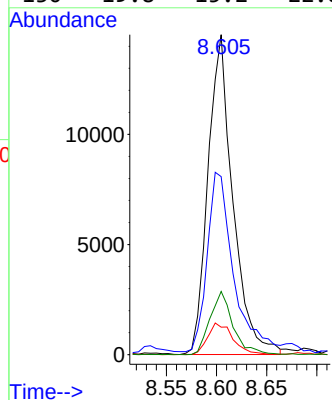
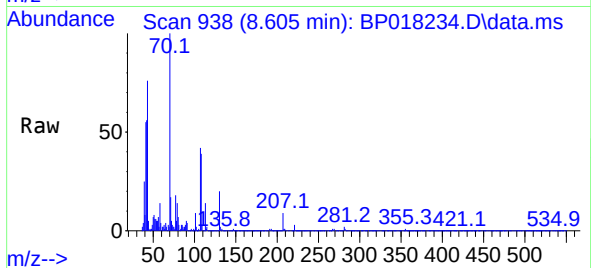
#17  
N-Nitroso-di-n-propylamine  
Concen: 7.561 ng/ul  
RT: 8.605 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 2507  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 55.7  | 43.7  | 65.5  |
| 101      | 8.6   | 8.2   | 12.4  |
| 130      | 19.8  | 15.2  | 22.8  |

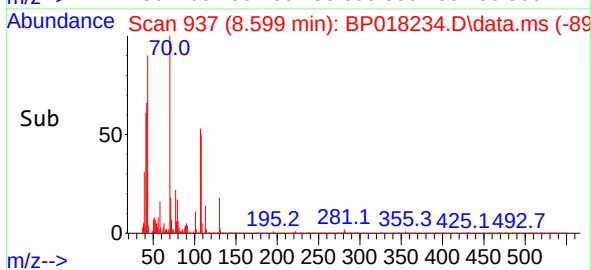
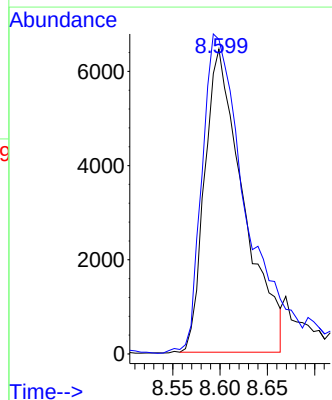
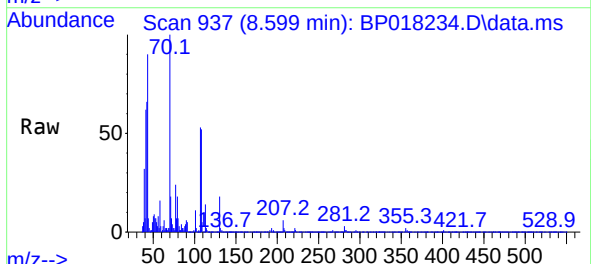
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

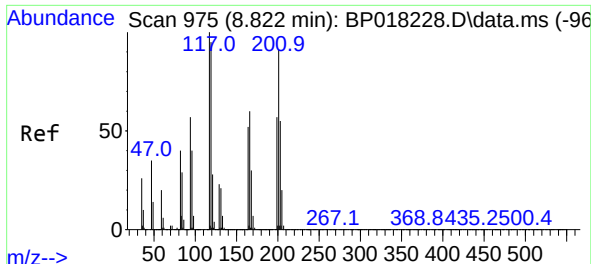


#18  
4-Methylphenol  
Concen: 4.841 ng/ul  
RT: 8.599 min Scan# 937  
Delta R.T. 0.024 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 18350 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 103.2 | 88.2  | 132.4 |







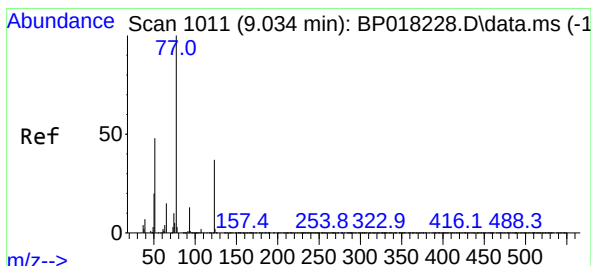
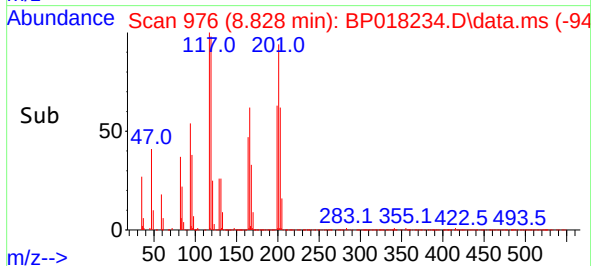
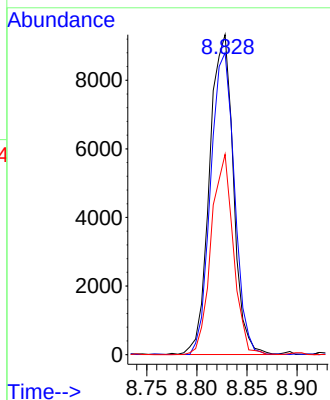
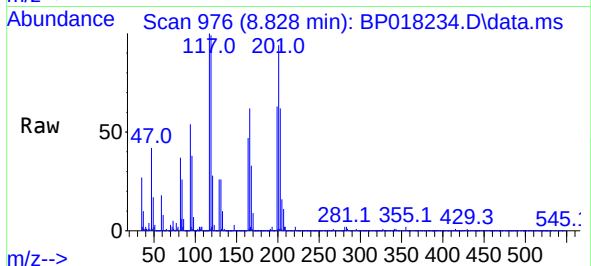
#19  
Hexachloroethane  
Concen: 8.666 ng/ul  
RT: 8.828 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion: 117 Resp: 1537  
Ion Ratio Lower Upper  
117 100  
201 94.4 84.8 127.2  
199 62.6 49.0 73.4

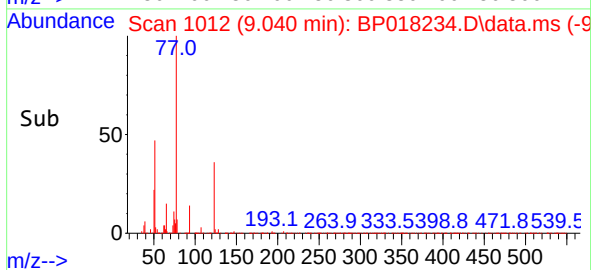
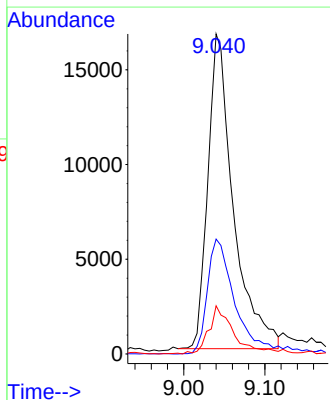
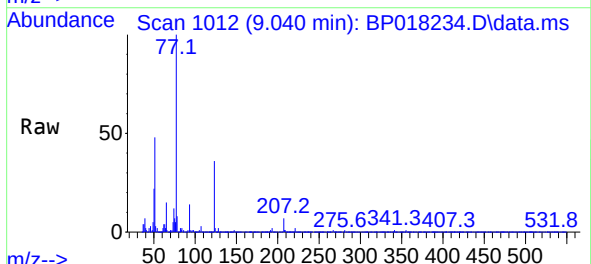
Manual Integrations  
APPROVED

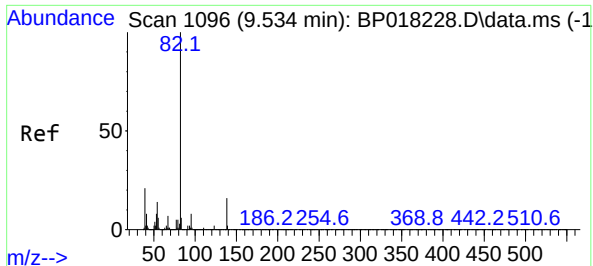
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#22  
Nitrobenzene  
Concen: 7.971 ng/ul  
RT: 9.040 min Scan# 1012  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion: 77 Resp: 36241  
Ion Ratio Lower Upper  
77 100  
123 35.9 27.8 41.8  
65 15.1 11.5 17.3





#23  
Isophorone  
Concen: 7.957 ng/uI  
RT: 9.534 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD

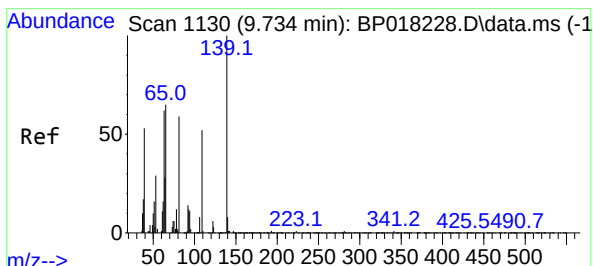
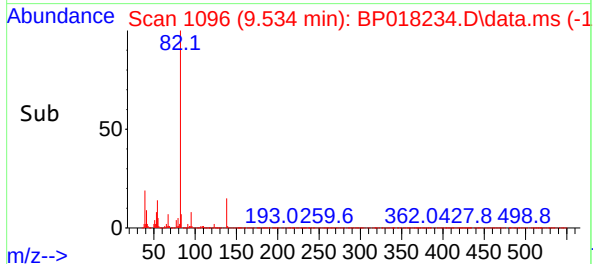
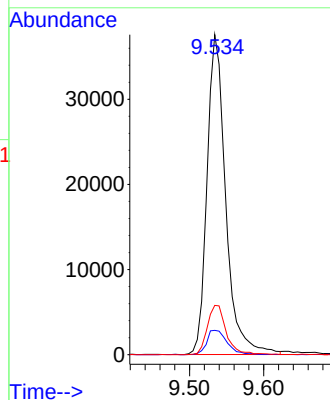
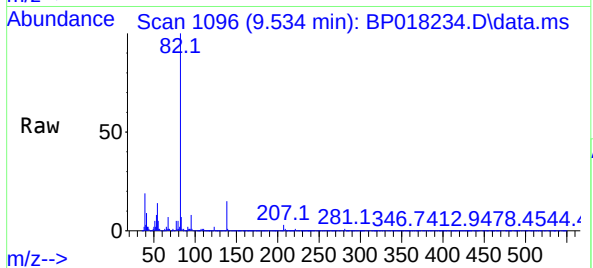
Tgt Ion: 82 Resp: 66009  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.6 9.8  
138 15.4 13.1 19.7

Manual Integrations

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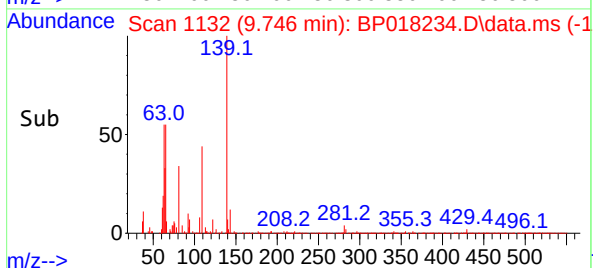
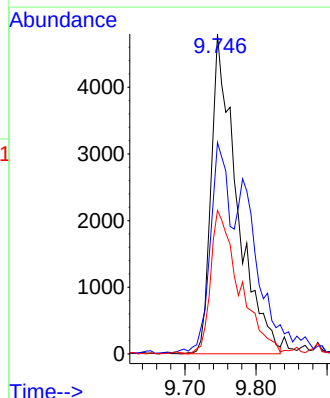
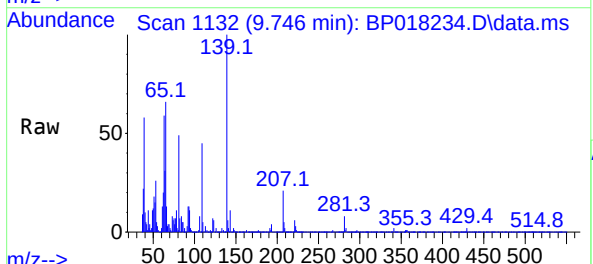
Reviewed By :Yogesh Patel 11/19/2023

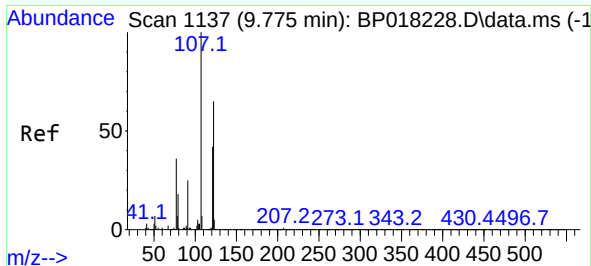
Supervised By :mohammad ahmed 11/19/2023



#25  
2-Nitrophenol  
Concen: 6.161 ng/uI  
RT: 9.746 min Scan# 1132  
Delta R.T. 0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:139 Resp: 12077  
Ion Ratio Lower Upper  
139 100  
65 66.1 51.4 77.0  
109 44.9 33.1 49.7





#26  
2,4-Dimethylphenol  
Concen: 6.876 ng/ul  
RT: 9.787 min Scan# 1137  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD

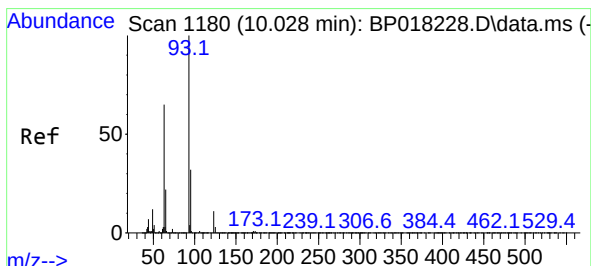
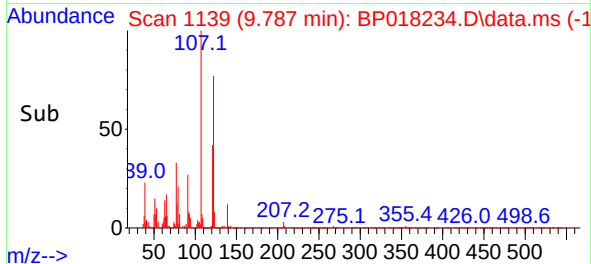
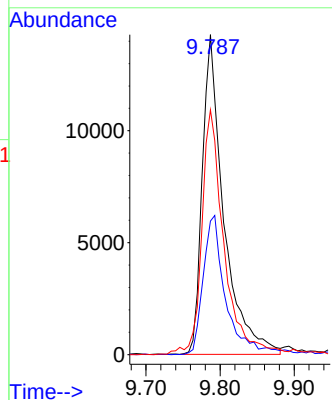
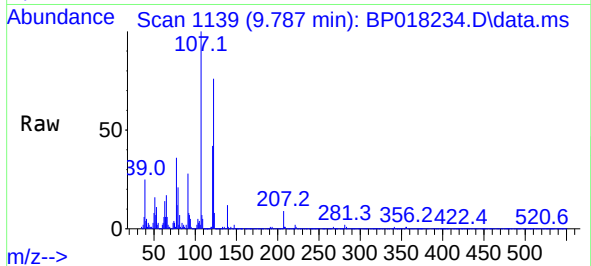
Tgt Ion:107 Resp: 2867  
Ion Ratio Lower Upper  
107 100  
121 41.7 37.8 56.8  
122 76.5 62.1 93.1

Manual Integrations

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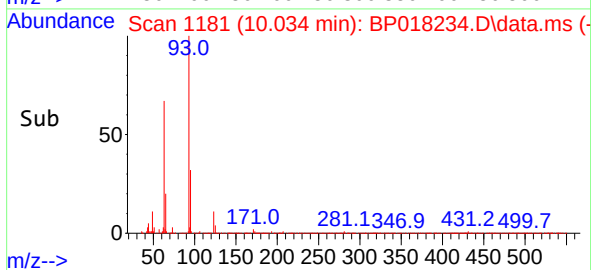
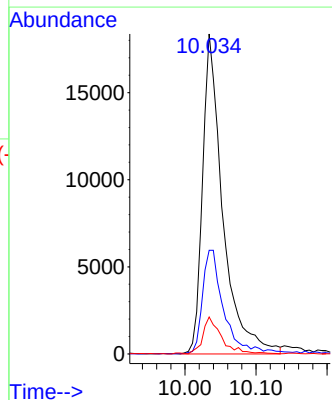
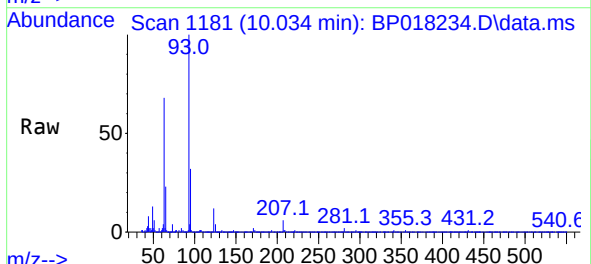
Reviewed By :Yogesh Patel 11/19/2023

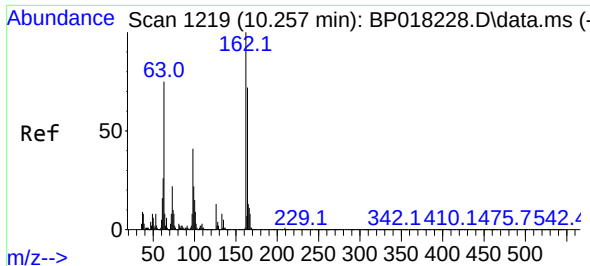
Supervised By :mohammad ahmed 11/19/2023



#27  
Bis(2-Chloroethoxy)methane  
Concen: 8.069 ng/ul  
RT: 10.034 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion: 93 Resp: 36505  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.2 39.2  
123 11.5 8.6 12.8





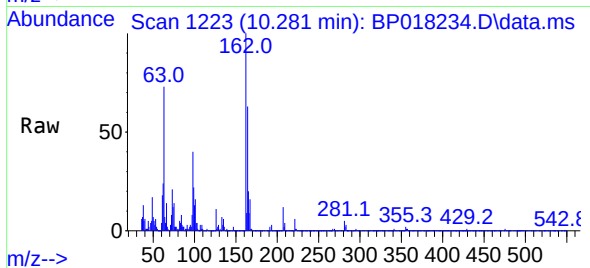
#29  
2,4-Dichlorophenol  
Concen: 4.622 ng/ul  
RT: 10.281 min Scan# 1223  
Delta R.T. 0.024 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD

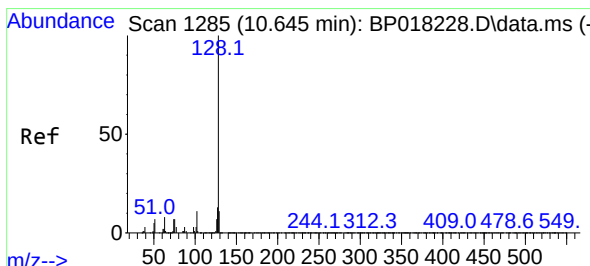
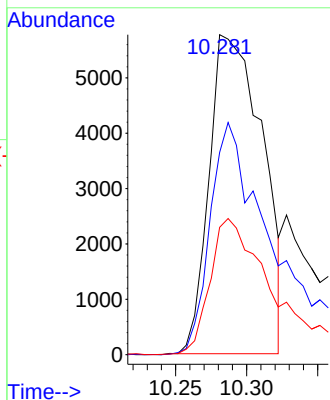
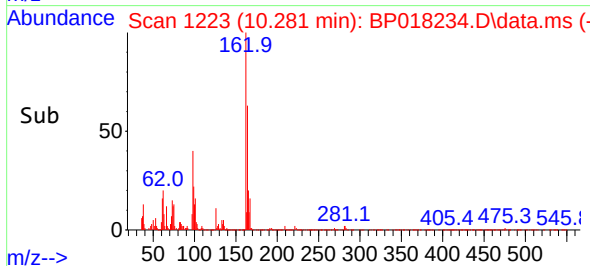


Tgt Ion:162 Resp: 15004  
Ion Ratio Lower Upper  
162 100  
164 63.2 51.8 77.6  
98 39.8 28.7 43.1

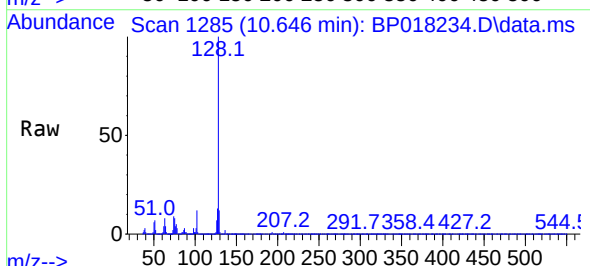
Manual Integrations

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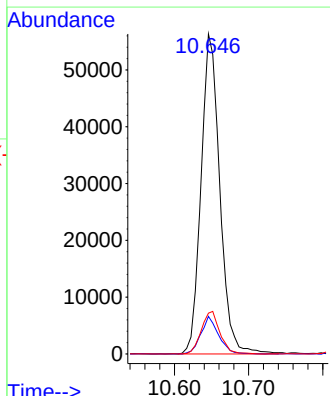
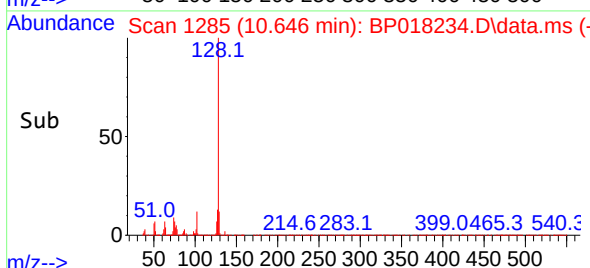
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

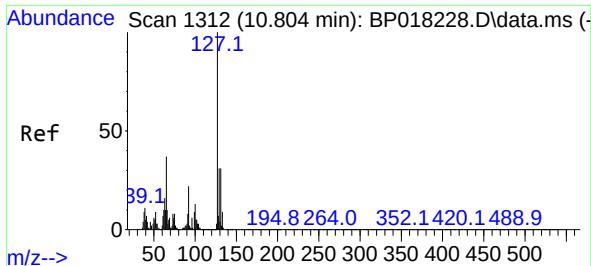


#30  
Naphthalene  
Concen: 8.717 ng/ul  
RT: 10.646 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05



Tgt Ion:128 Resp: 99076  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.0 13.4  
127 12.7 10.3 15.5





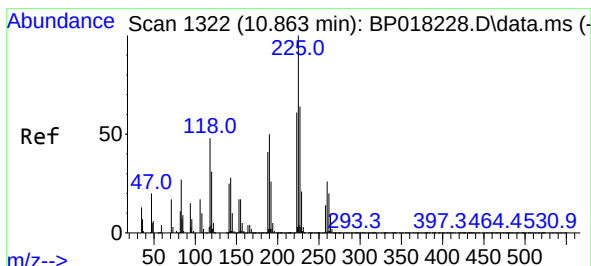
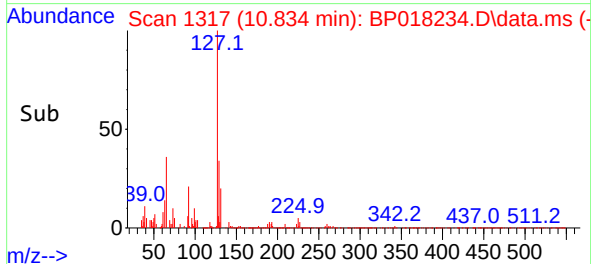
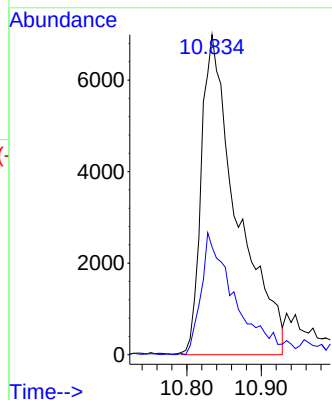
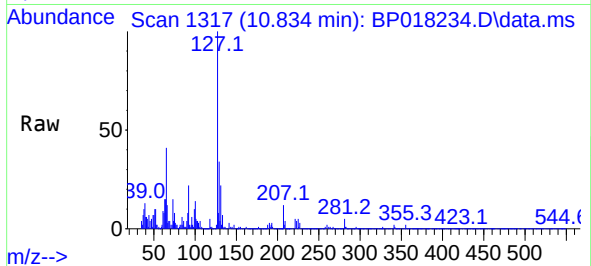
#32  
4-Chloroaniline  
Concen: 5.206 ng/ul m  
RT: 10.834 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:127 Resp: 2325  
Ion Ratio Lower Upper  
127 100  
129 33.6 26.1 39.1

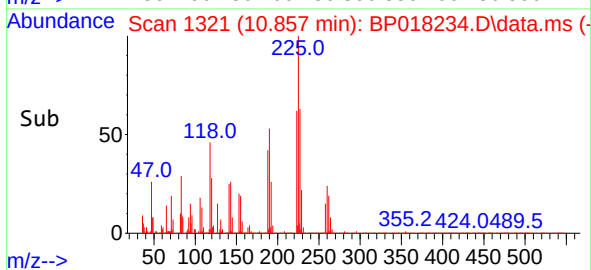
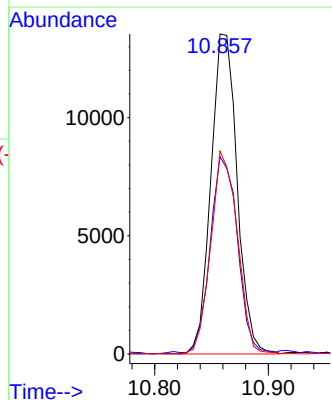
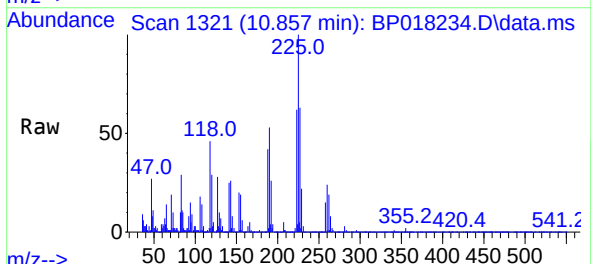
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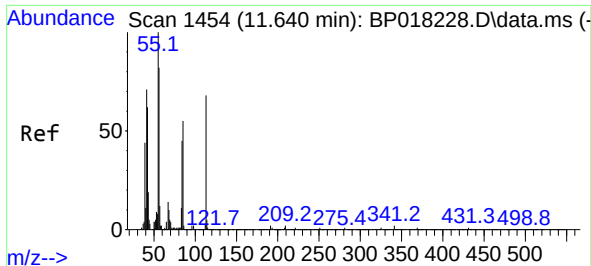
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#33  
Hexachlorobutadiene  
Concen: 9.109 ng/ul  
RT: 10.857 min Scan# 1321  
Delta R.T. -0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:225 Resp: 21709  
Ion Ratio Lower Upper  
225 100  
223 61.7 52.5 78.7  
227 63.4 51.9 77.9





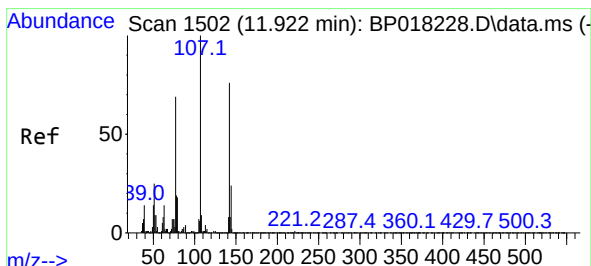
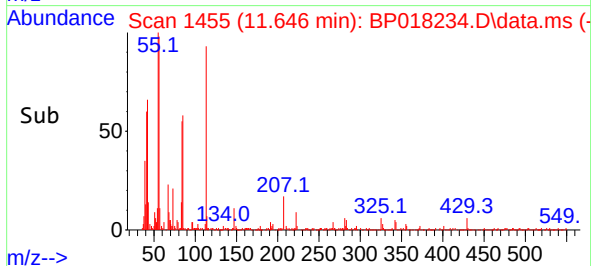
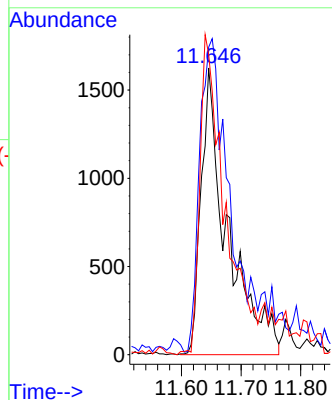
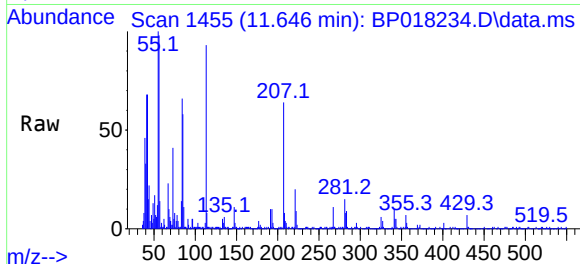
#34  
Caprolactam  
Concen: 4.626 ng/ul m  
RT: 11.646 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:113 Resp: 4989  
Ion Ratio Lower Upper  
113 100  
55 107.3 118.3 177.5  
56 104.7 95.6 143.4

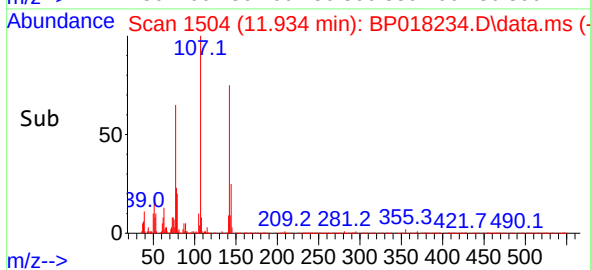
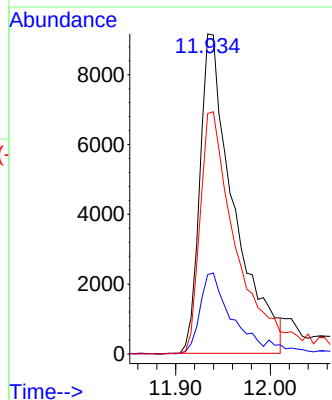
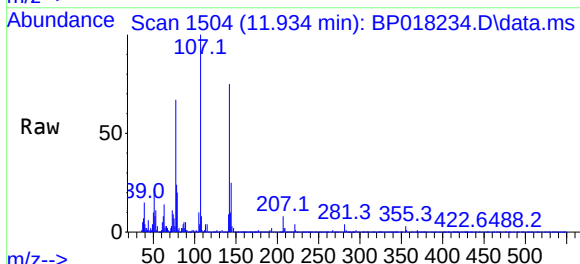
Manual Integrations  
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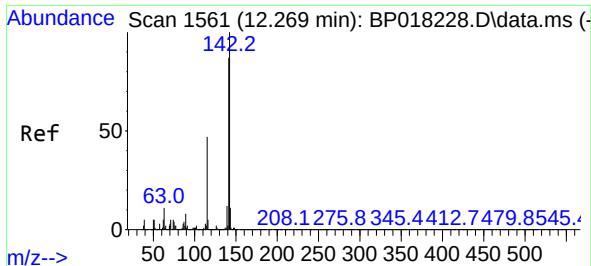
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#35  
4-Chloro-3-methylphenol  
Concen: 5.828 ng/ul  
RT: 11.934 min Scan# 1504  
Delta R.T. 0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:107 Resp: 22765  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.1 28.7  
142 75.1 54.8 82.2





#36  
2-Methylnaphthalene  
Concen: 8.466 ng/ul  
RT: 12.269 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

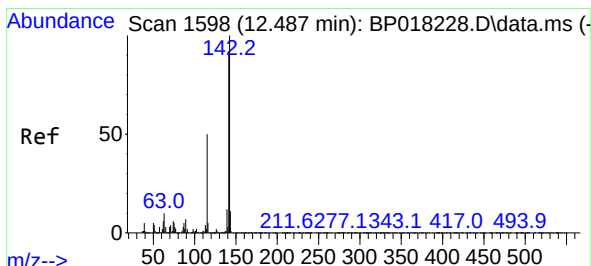
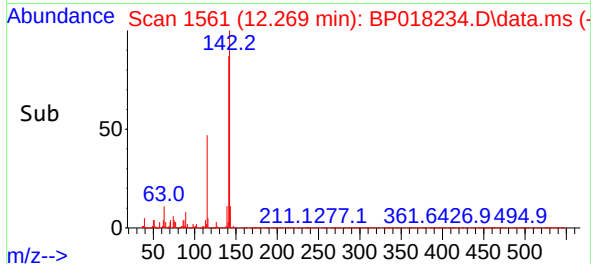
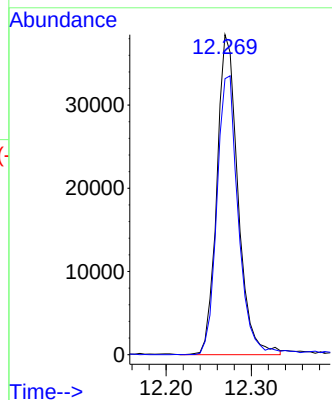
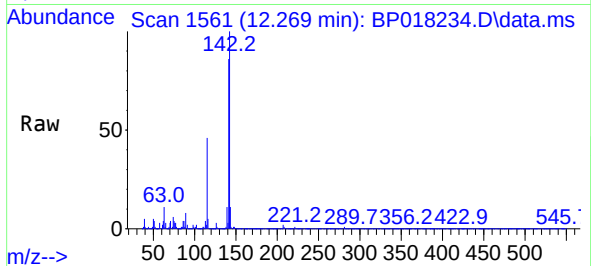
GCDP3MSD

Tgt Ion:142 Resp: 6605  
Ion Ratio Lower Upper  
142 100  
141 86.3 71.7 107.5

Manual Integrations

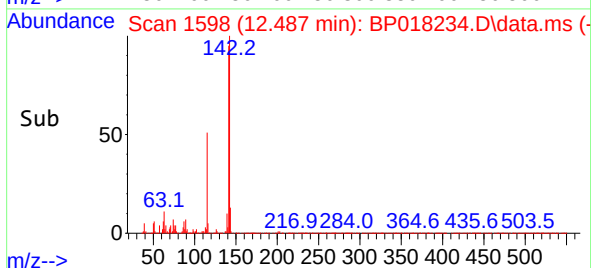
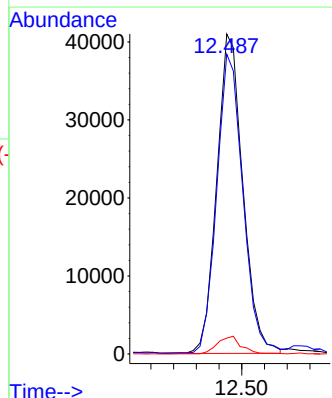
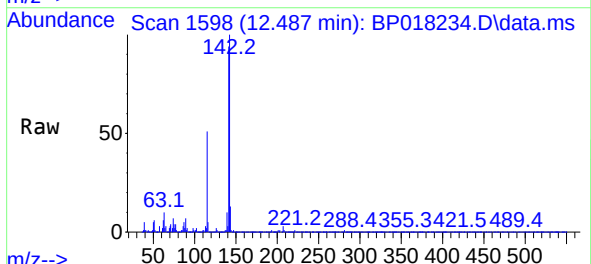
APPROVED

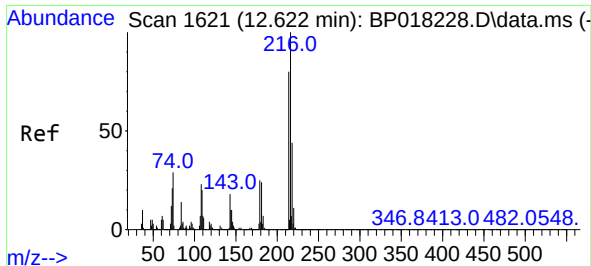
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#37  
1-Methylnaphthalene  
Concen: 8.145 ng/ul  
RT: 12.487 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:142 Resp: 65304  
Ion Ratio Lower Upper  
142 100  
141 93.7 72.8 109.2  
116 5.0 4.0 6.0





#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.771 ng/ul  
RT: 12.628 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

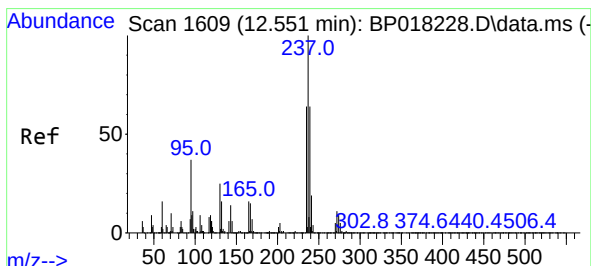
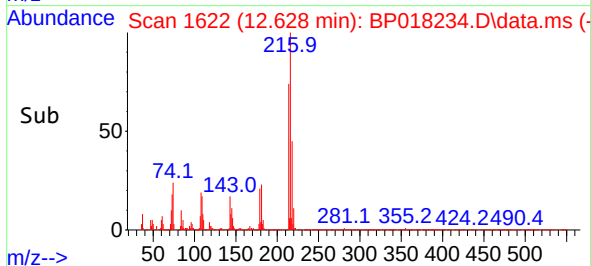
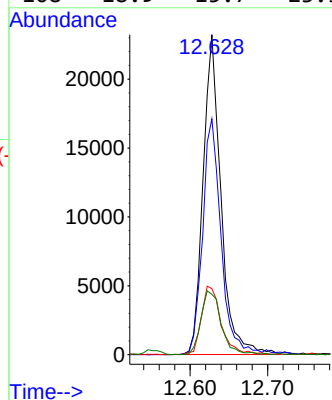
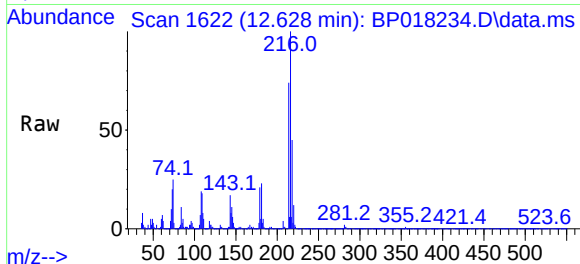
GCDP3MSD

Tgt Ion:216 Resp: 37260  
Ion Ratio Lower Upper  
216 100  
214 73.7 64.8 97.2  
179 20.6 18.3 27.5  
108 18.9 15.7 23.5

Manual Integrations

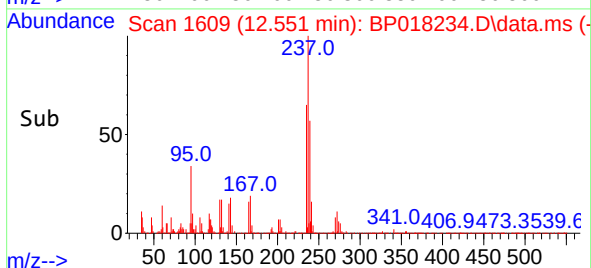
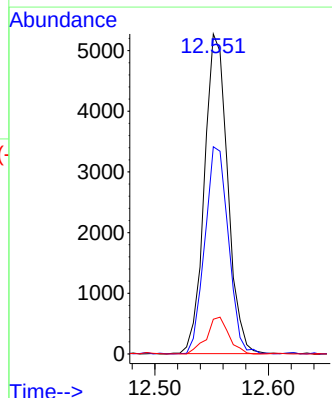
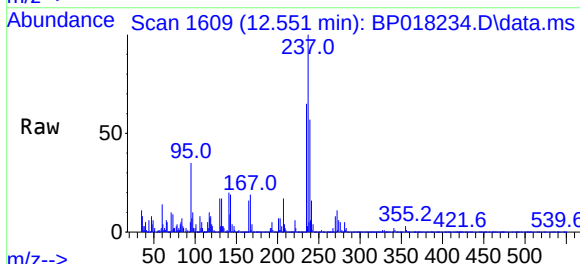
APPROVED

Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

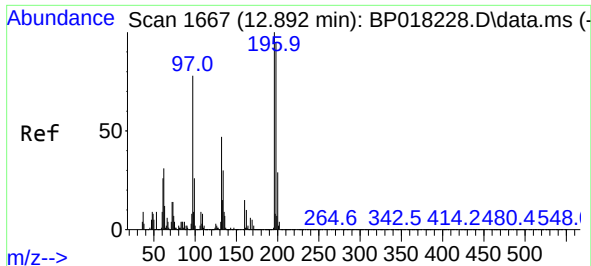


#40  
Hexachlorocyclopentadiene  
Concen: 4.061 ng/ul  
RT: 12.551 min Scan# 1609  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:237 Resp: 7474  
Ion Ratio Lower Upper  
237 100  
235 64.8 49.9 74.9  
272 11.5 8.9 13.3







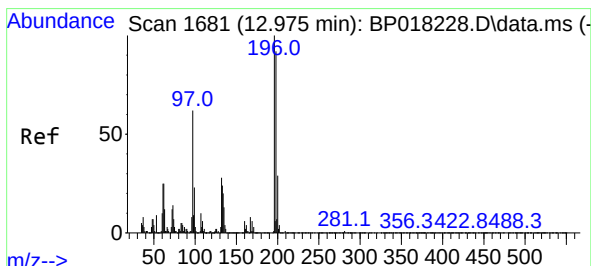
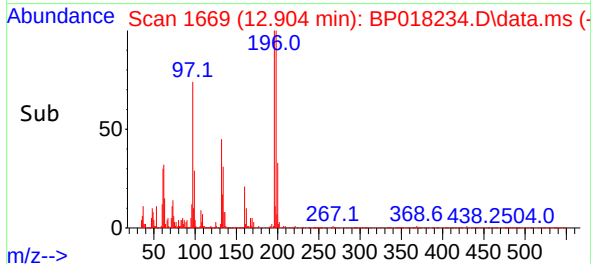
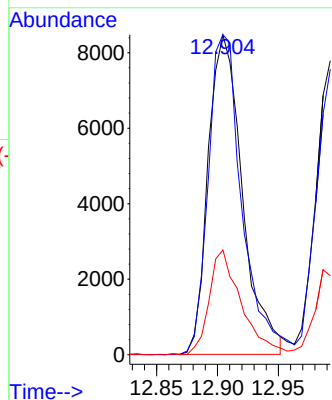
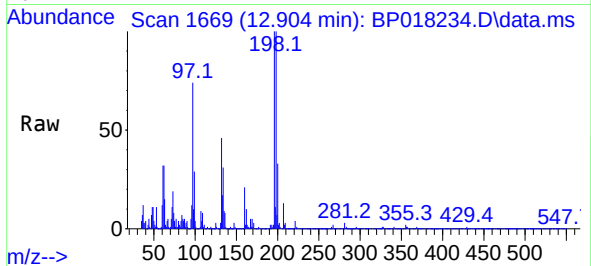
#41  
2,4,6-Trichlorophenol  
Concen: 6.617 ng/ul  
RT: 12.904 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:196 Resp: 1655  
Ion Ratio Lower Upper  
196 100  
198 100.1 78.9 118.3  
200 32.8 25.8 38.8

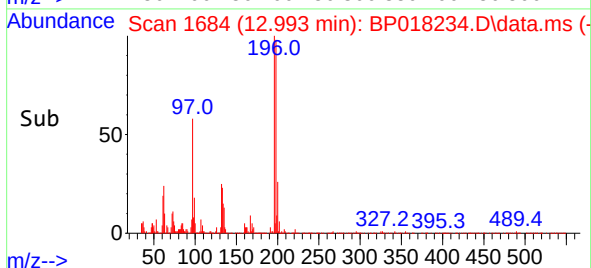
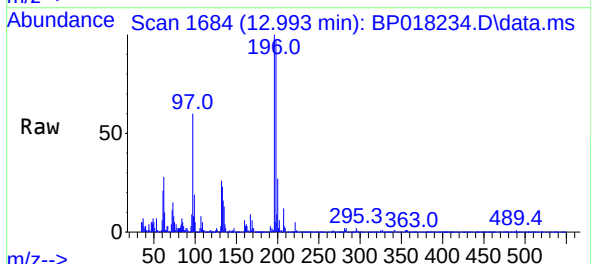
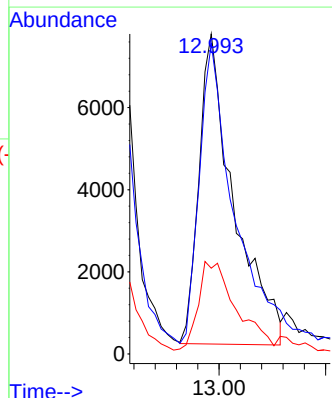
Manual Integrations  
APPROVED

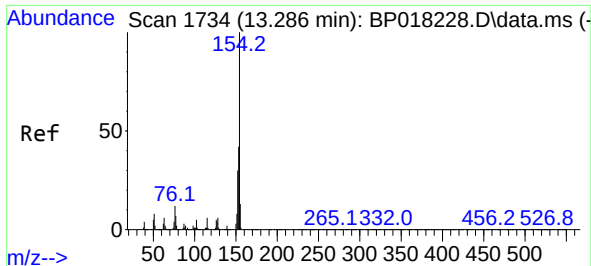
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#42  
2,4,5-Trichlorophenol  
Concen: 6.529 ng/ul  
RT: 12.993 min Scan# 1684  
Delta R.T. 0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

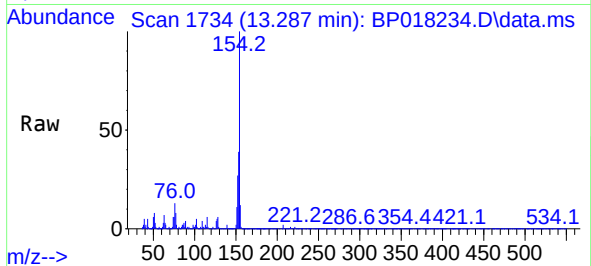
Tgt Ion:196 Resp: 17188  
Ion Ratio Lower Upper  
196 100  
198 97.1 78.9 118.3  
200 26.8 26.6 40.0





#43  
1,1'-Biphenyl  
Concen: 9.257 ng/ul  
RT: 13.287 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

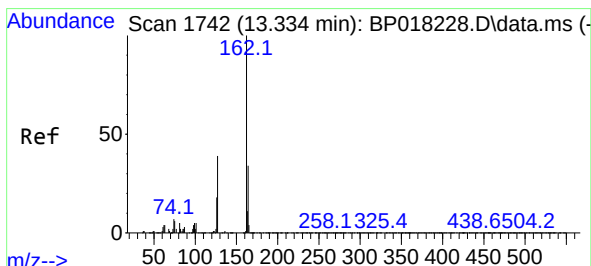
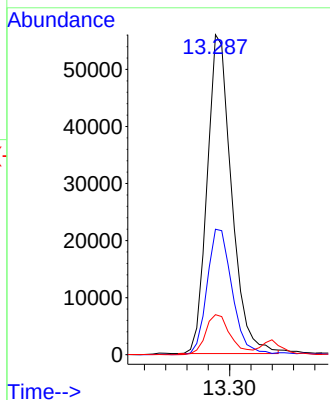
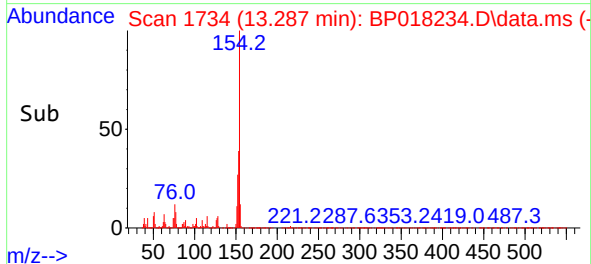
Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD



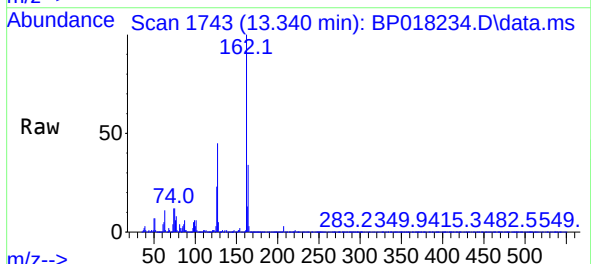
Tgt Ion:154 Resp: 88854  
Ion Ratio Lower Upper  
154 100  
153 39.2 32.4 48.6  
76 12.5 9.8 14.8

Manual Integrations  
APPROVED

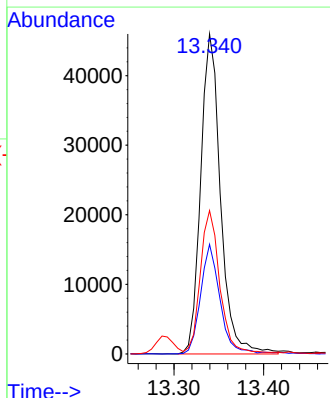
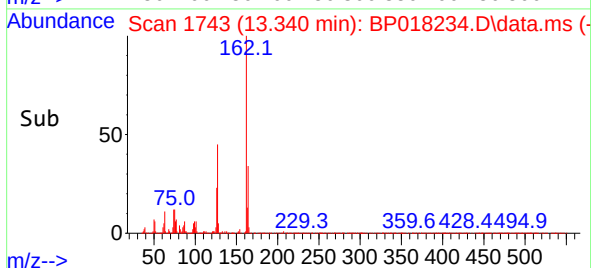
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

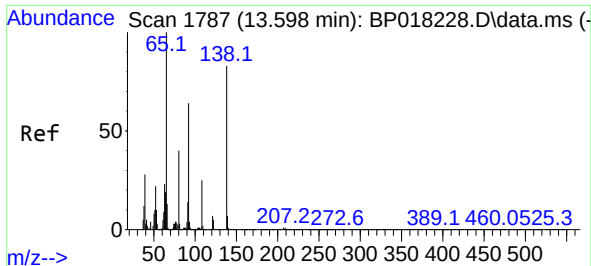


#44  
2-Chloronaphthalene  
Concen: 9.272 ng/ul  
RT: 13.340 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05



Tgt Ion:162 Resp: 70658  
Ion Ratio Lower Upper  
162 100  
164 34.2 26.9 40.3  
127 44.8 35.4 53.2





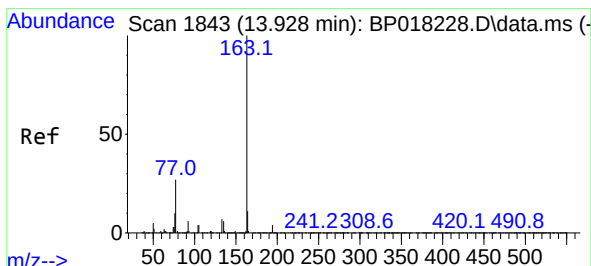
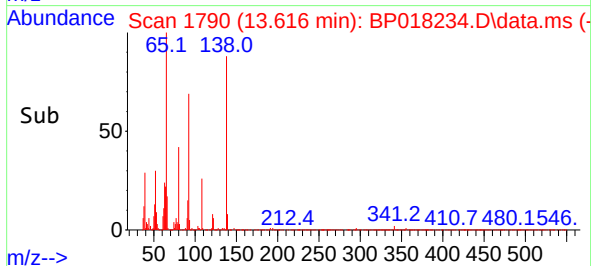
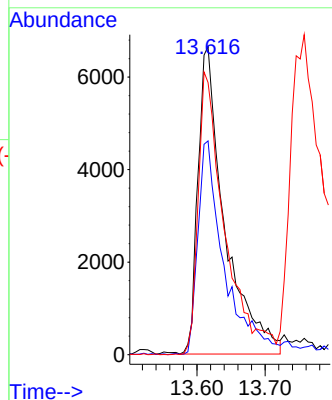
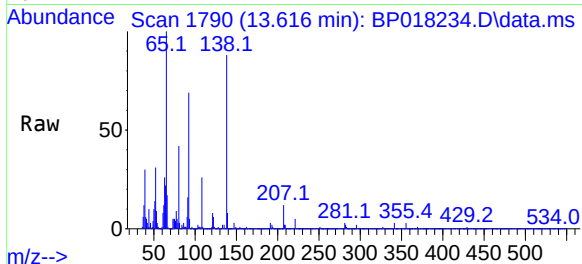
#45  
2-Nitroaniline  
Concen: 7.358 ng/ul  
RT: 13.616 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion: 65 Resp: 18094  
Ion Ratio Lower Upper  
65 100  
92 69.4 53.8 80.6  
138 88.3 75.1 112.7

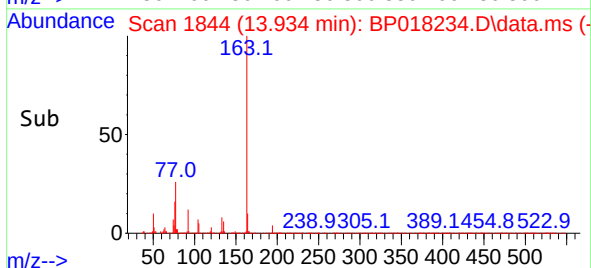
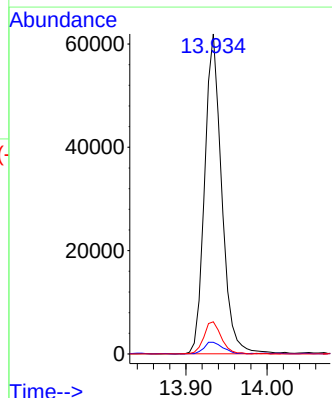
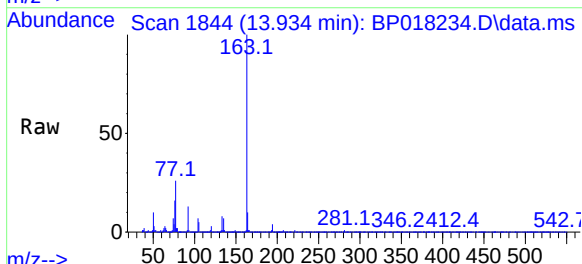
Manual Integrations  
APPROVED

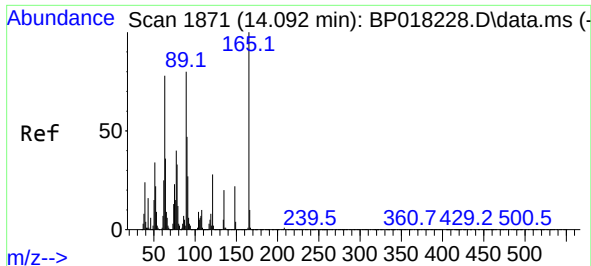
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#47  
Dimethylphthalate  
Concen: 8.834 ng/ul  
RT: 13.934 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:163 Resp: 90256  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.5 5.3  
164 10.0 8.0 12.0





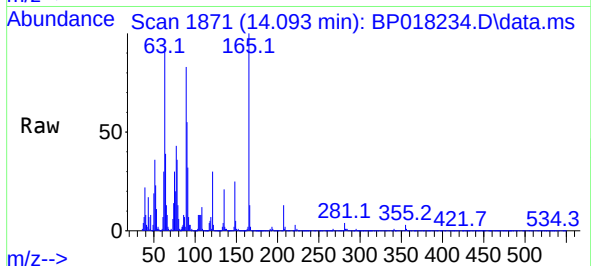
#48  
2,6-Dinitrotoluene  
Concen: 7.941 ng/ul  
RT: 14.093 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD



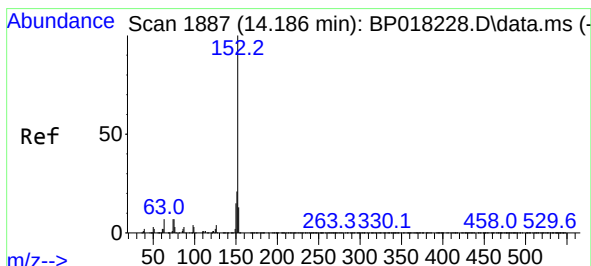
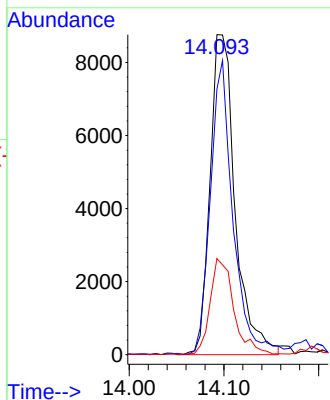
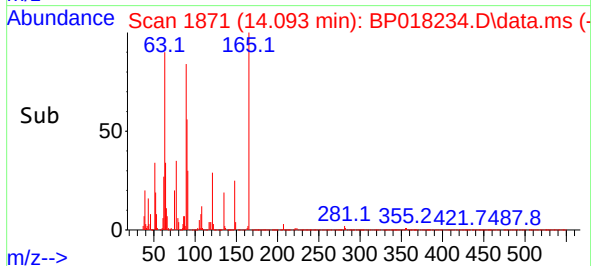
Tgt Ion:165 Resp: 1612  
Ion Ratio Lower Upper  
165 100  
89 82.9 59.4 89.0  
121 30.1 18.2 27.4

Manual Integrations

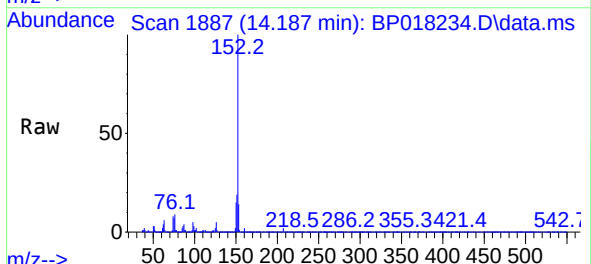
APPROVED

Reviewed By :Yogesh Patel 11/19/2023

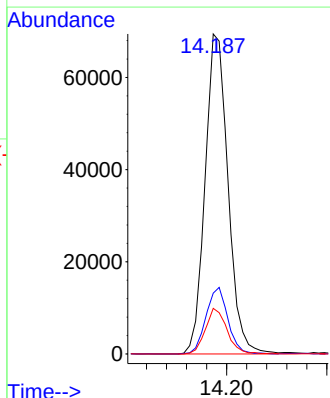
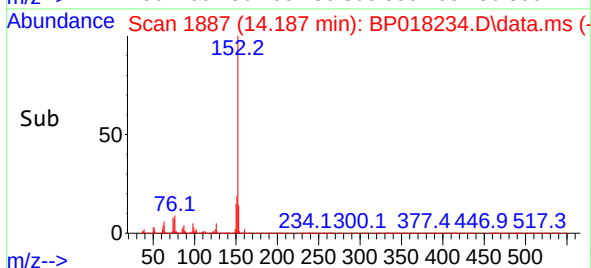
Supervised By :mohammad ahmed 11/19/2023

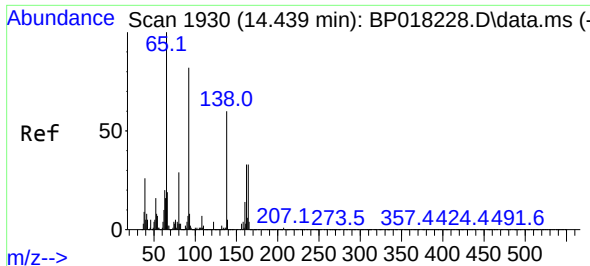


#50  
Acenaphthylene  
Concen: 8.628 ng/ul  
RT: 14.187 min Scan# 1887  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05



Tgt Ion:152 Resp: 110500  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.2 24.2  
153 14.3 10.4 15.6





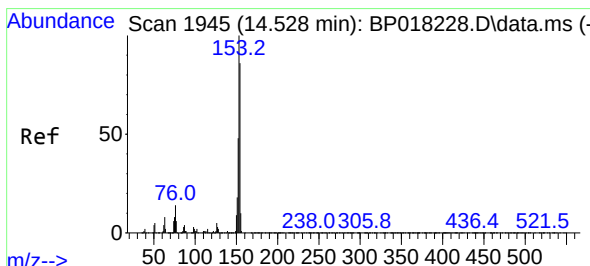
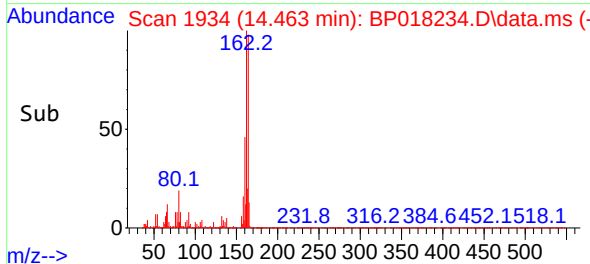
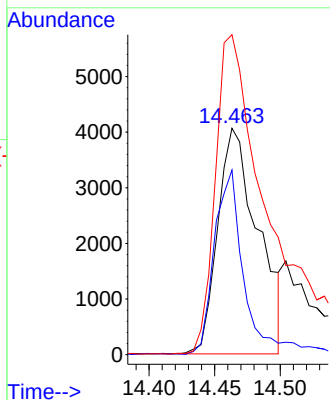
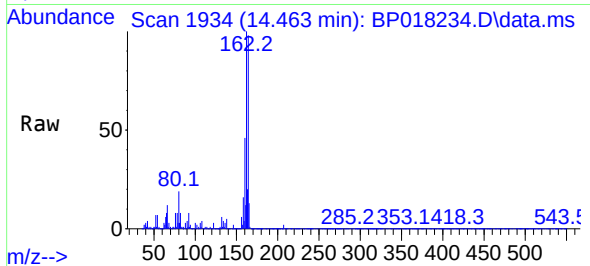
#51  
3-Nitroaniline  
Concen: 4.601 ng/ul  
RT: 14.463 min Scan# 1934  
Delta R.T. 0.018 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:138 Resp: 8670  
Ion Ratio Lower Upper  
138 100  
108 81.5 8.3 12.5  
92 141.4 99.0 148.4

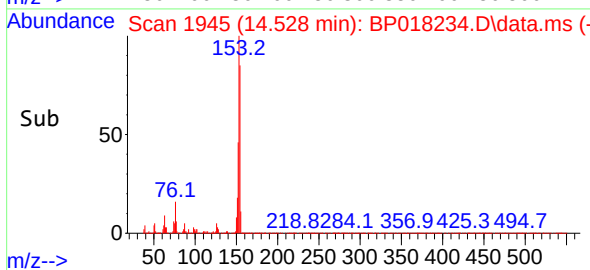
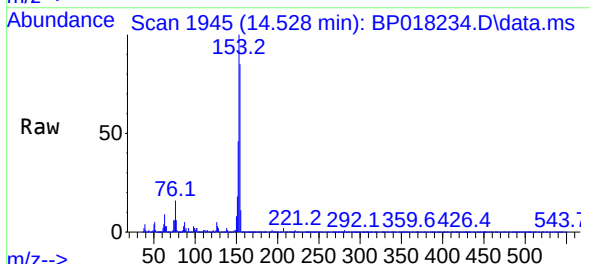
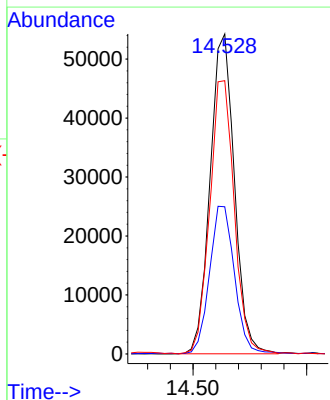
Manual Integrations  
APPROVED

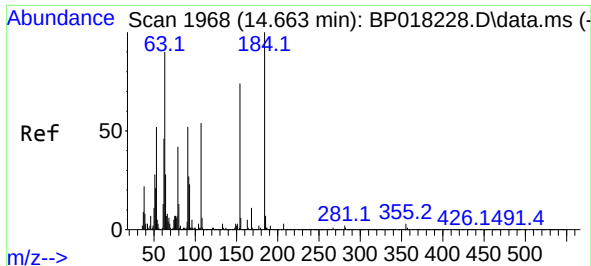
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#52  
Acenaphthene  
Concen: 9.500 ng/ul  
RT: 14.528 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

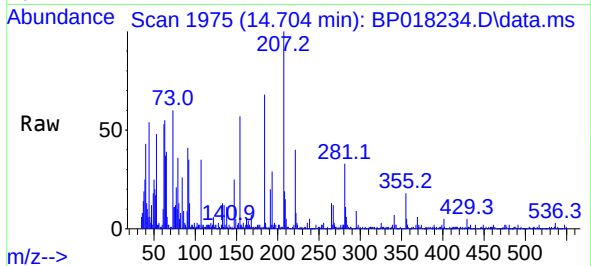
Tgt Ion:153 Resp: 80676  
Ion Ratio Lower Upper  
153 100  
152 46.0 39.0 58.6  
154 85.4 71.0 106.4





#53  
2,4-Dinitrophenol  
Concen: 2.420 ng/ul m  
RT: 14.704 min Scan# 1968  
Delta R.T. 0.030 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

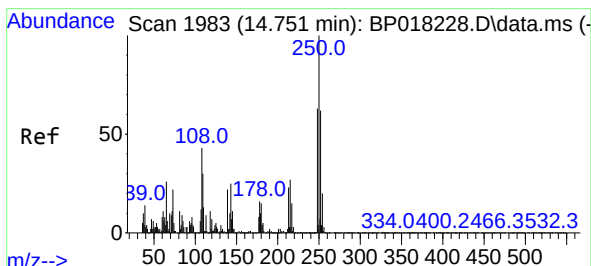
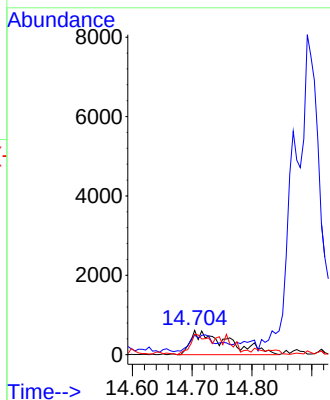
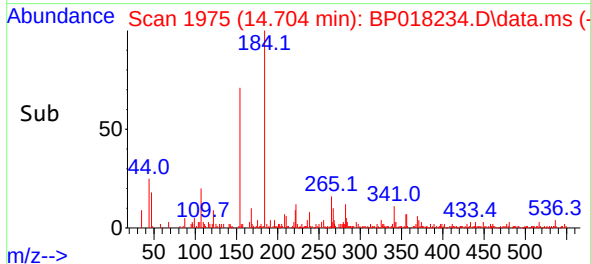
Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD



Tgt Ion:184 Resp: 2681  
Ion Ratio Lower Upper  
184 100  
63 80.9 67.7 101.5  
154 83.9 60.2 90.4

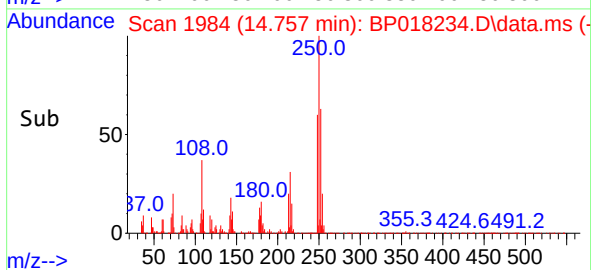
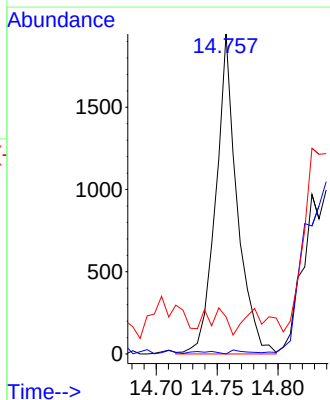
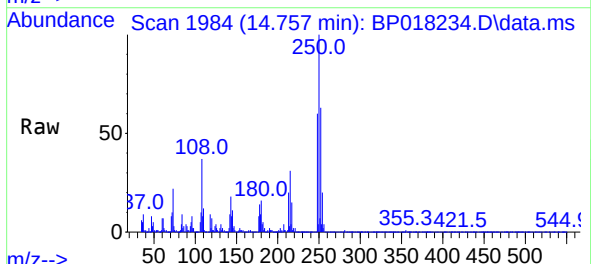
Manual Integrations  
APPROVED

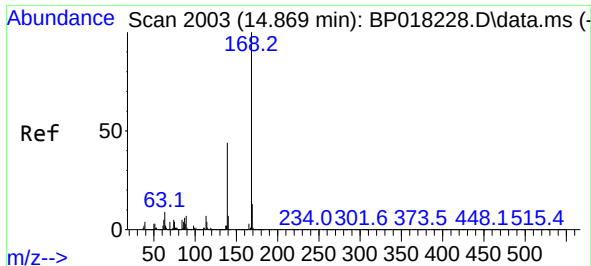
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#55  
4-Nitrophenol  
Concen: 1.153 ng/ul m  
RT: 14.757 min Scan# 1984  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

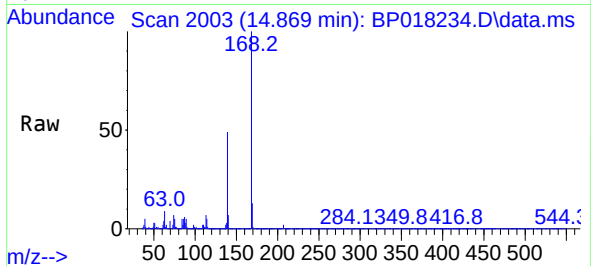
Tgt Ion:109 Resp: 2381  
Ion Ratio Lower Upper  
109 100  
139 0.0 74.9 112.3#  
65 11.6 93.8 140.6#





#56  
Dibenzofuran  
Concen: 9.271 ng/ul  
RT: 14.869 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

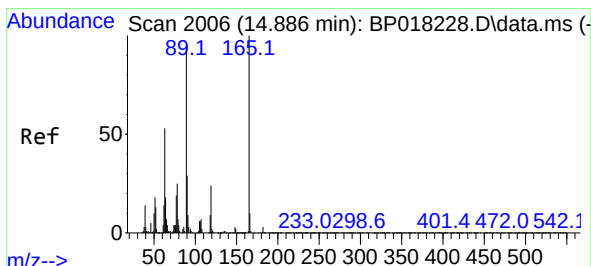
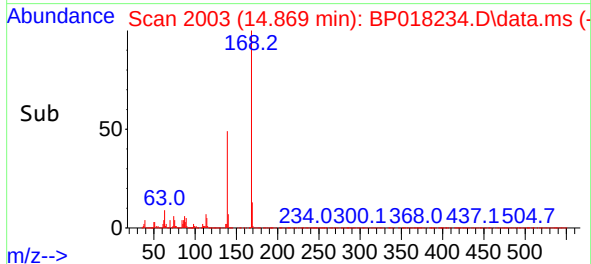
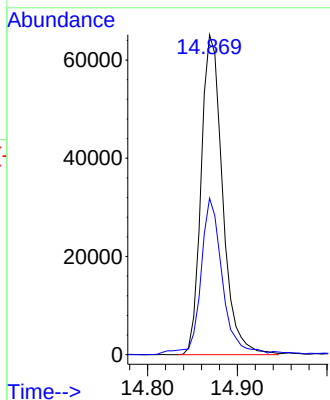
Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD



Tgt Ion:168 Resp: 10789  
Ion Ratio Lower Upper  
168 100  
139 48.9 34.0 51.0

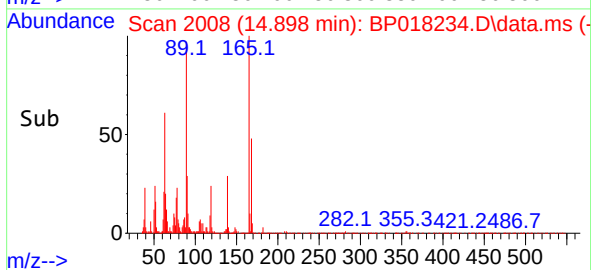
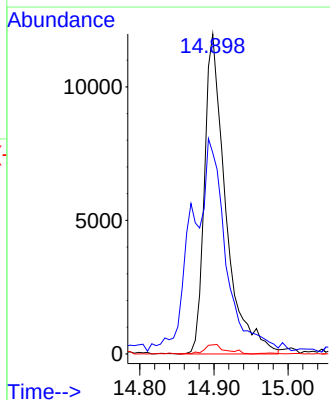
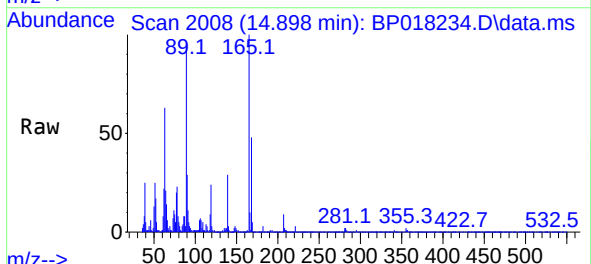
Manual Integrations  
APPROVED

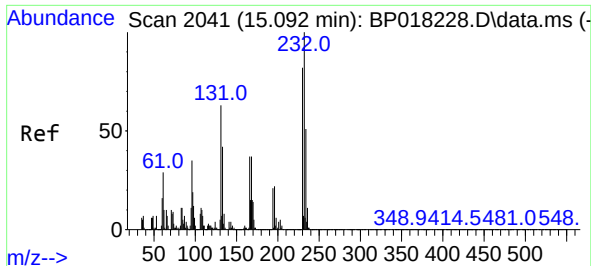
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#57  
2,4-Dinitrotoluene  
Concen: 7.854 ng/ul  
RT: 14.898 min Scan# 2008  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

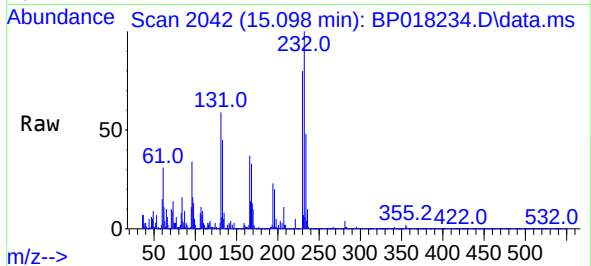
Tgt Ion:165 Resp: 23829  
Ion Ratio Lower Upper  
165 100  
63 62.9 48.6 72.8  
182 2.8 2.1 3.1





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 6.422 ng/ul  
RT: 15.098 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

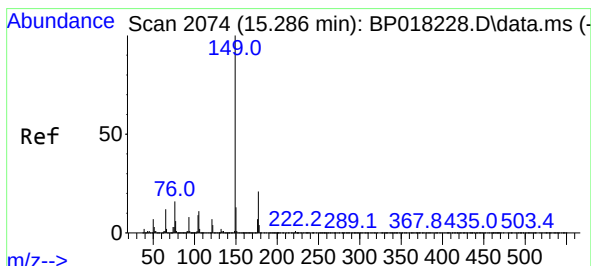
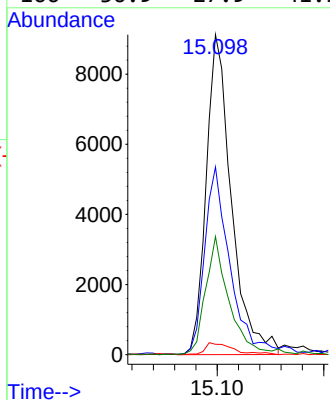
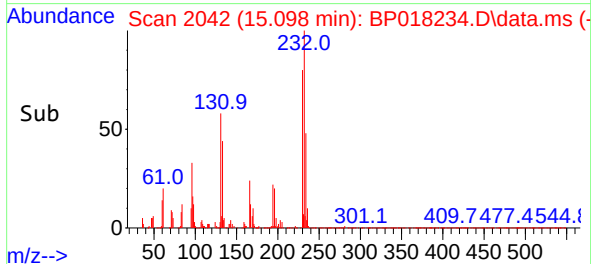
Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD



Tgt Ion:232 Resp: 15039  
Ion Ratio Lower Upper  
232 100  
131 58.7 44.1 66.1  
130 3.3 2.5 3.7  
166 36.9 27.9 41.9

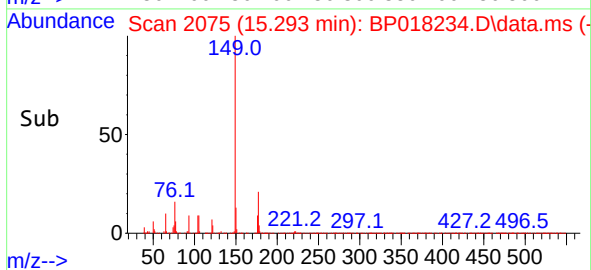
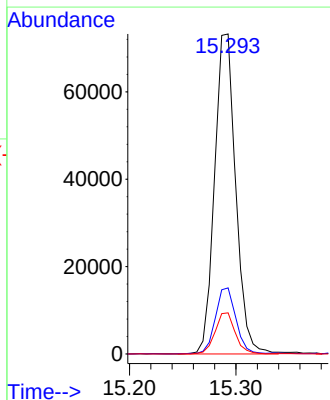
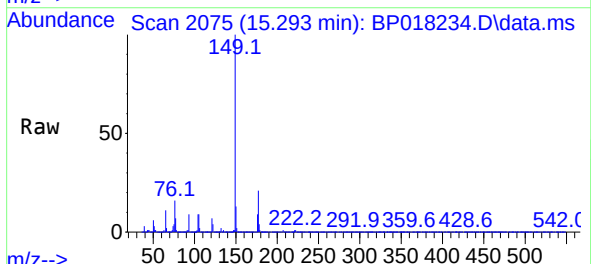
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

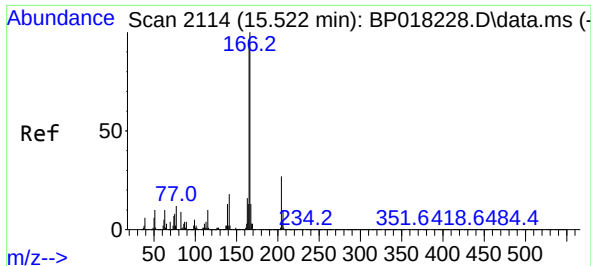


#59  
Diethylphthalate  
Concen: 9.440 ng/ul  
RT: 15.293 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:149 Resp: 100753  
Ion Ratio Lower Upper  
149 100  
177 20.6 16.3 24.5  
150 12.8 10.0 15.0

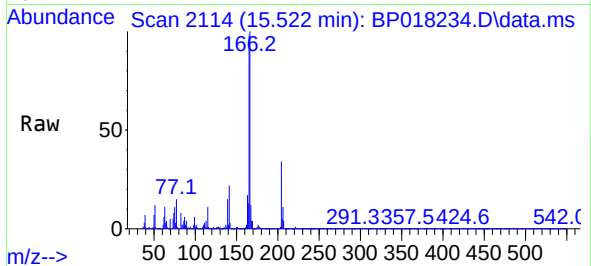






#61  
Fluorene  
Concen: 9.155 ng/ul  
RT: 15.522 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

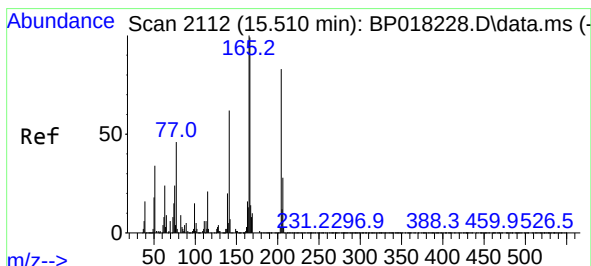
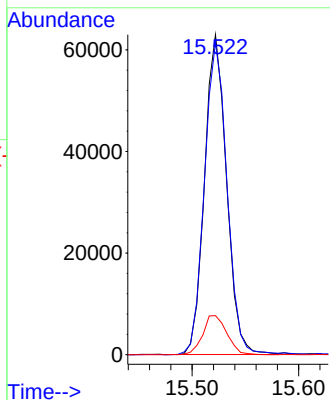
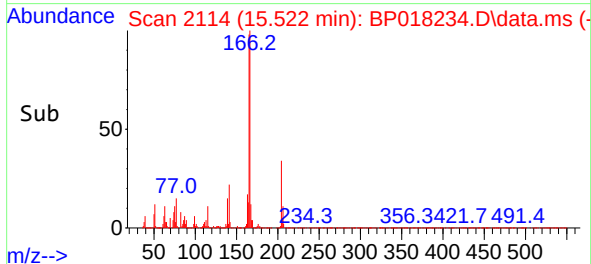
Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD



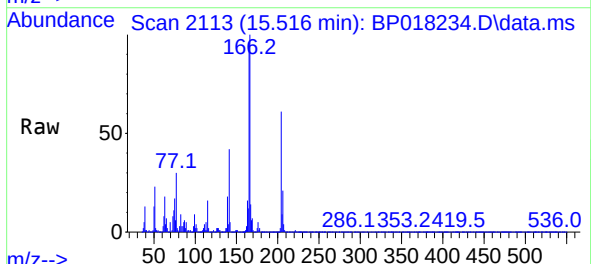
Tgt Ion:166 Resp: 90459  
Ion Ratio Lower Upper  
166 100  
165 97.6 79.0 118.6  
167 12.2 10.6 16.0

Manual Integrations  
APPROVED

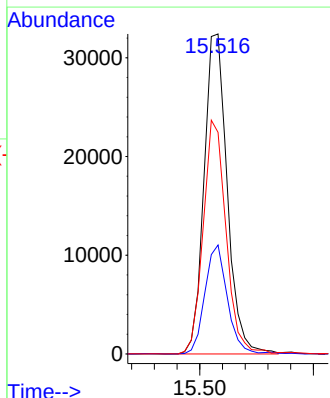
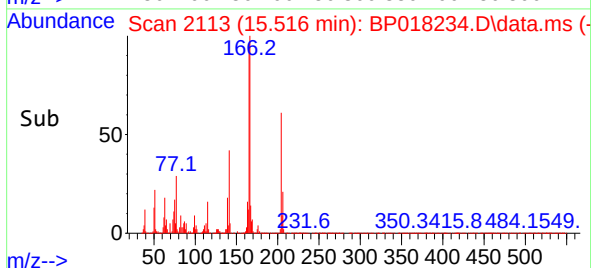
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023

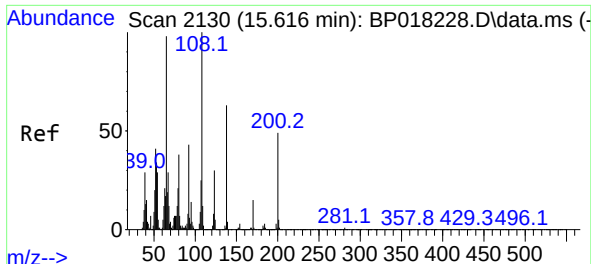


#62  
4-Chlorophenyl-phenylether  
Concen: 9.508 ng/ul  
RT: 15.516 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05



Tgt Ion:204 Resp: 46038  
Ion Ratio Lower Upper  
204 100  
206 34.1 26.2 39.2  
141 69.3 56.0 84.0





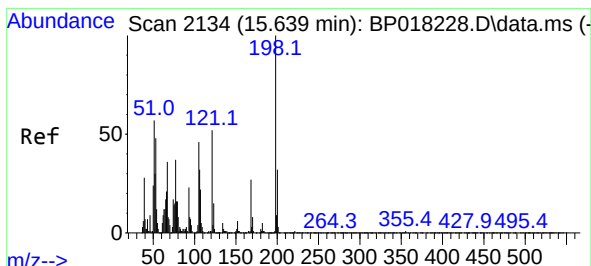
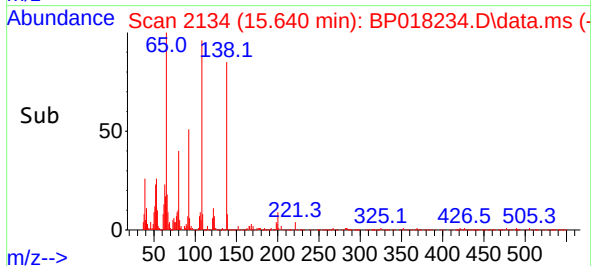
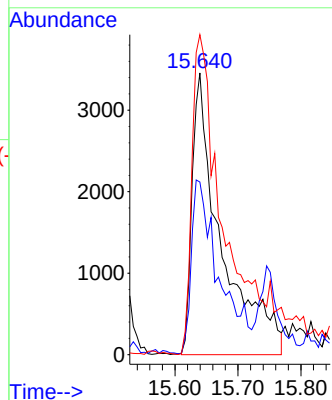
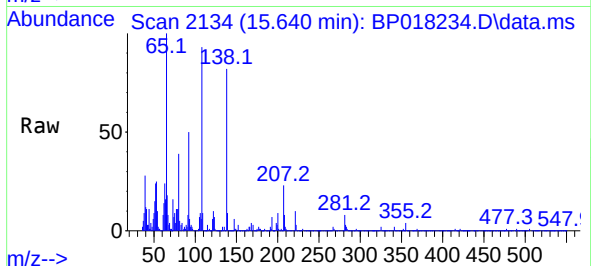
#63  
4-Nitroaniline  
Concen: 6.248 ng/ul m  
RT: 15.640 min Scan# 2130  
Delta R.T. 0.024 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:138 Resp: 11109  
Ion Ratio Lower Upper  
138 100  
92 61.2 46.6 70.0  
108 113.6 104.7 157.1

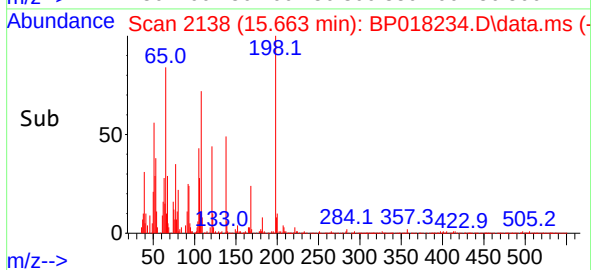
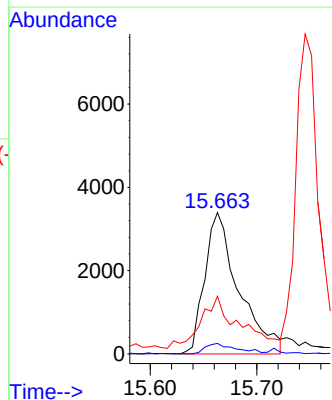
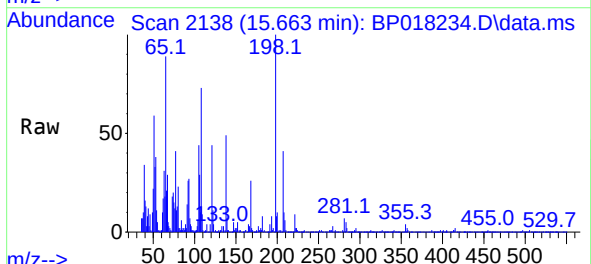
Manual Integrations  
APPROVED

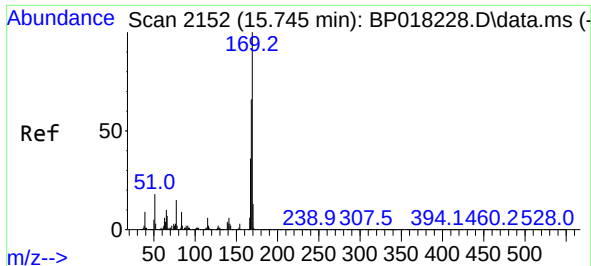
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#66  
4,6-Dinitro-2-methylphenol  
Concen: 3.857 ng/ul  
RT: 15.663 min Scan# 2138  
Delta R.T. 0.018 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:198 Resp: 7553  
Ion Ratio Lower Upper  
198 100  
182 7.5 3.8 5.6#  
77 40.8 27.2 40.8#





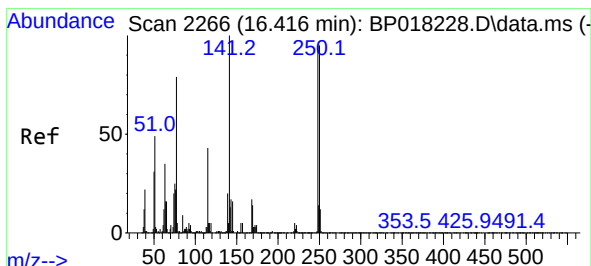
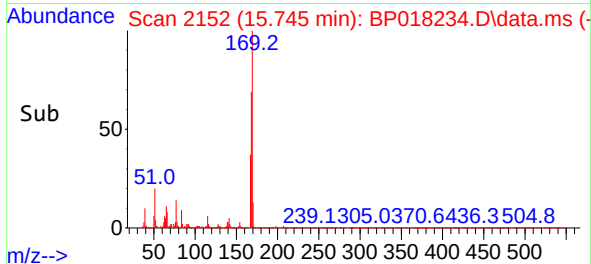
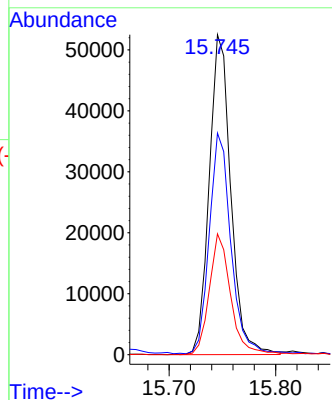
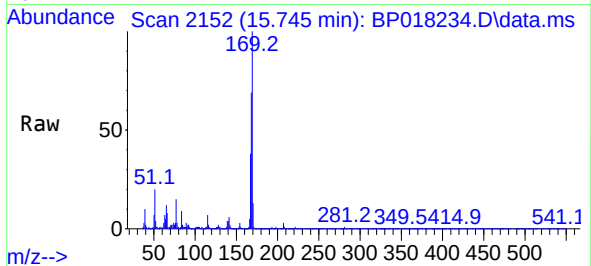
#67  
N-Nitrosodiphenylamine  
Concen: 8.815 ng/ul  
RT: 15.745 min Scan# 2152  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:169 Resp: 7378  
Ion Ratio Lower Upper  
169 100  
168 69.2 53.8 80.8  
167 37.8 29.8 44.6

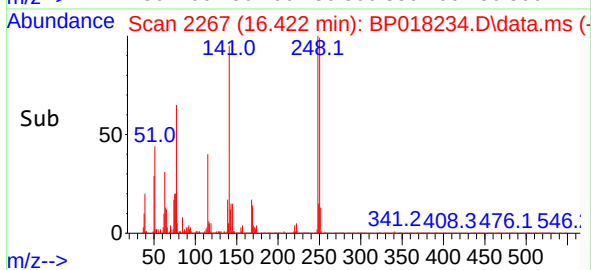
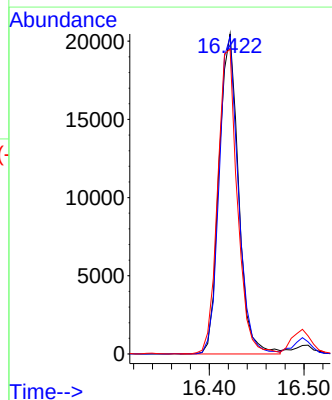
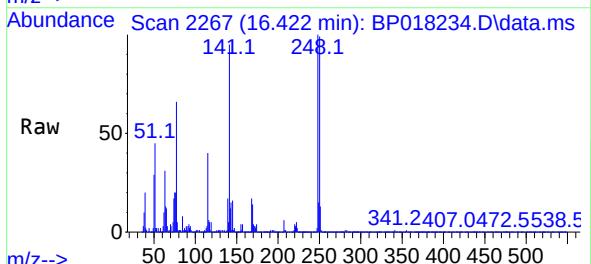
Manual Integrations  
APPROVED

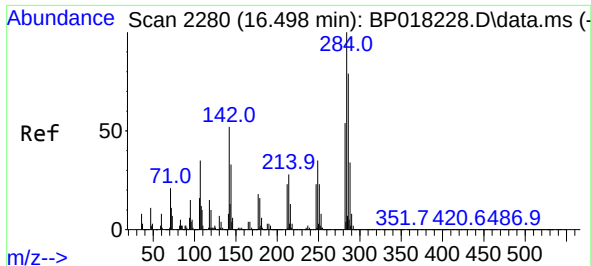
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#68  
4-Bromophenyl-phenylether  
Concen: 9.940 ng/ul  
RT: 16.422 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:248 Resp: 29241  
Ion Ratio Lower Upper  
248 100  
250 99.1 72.7 109.1  
141 95.2 70.4 105.6





#69  
Hexachlorobenzene  
Concen: 10.630 ng/u1  
RT: 16.498 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

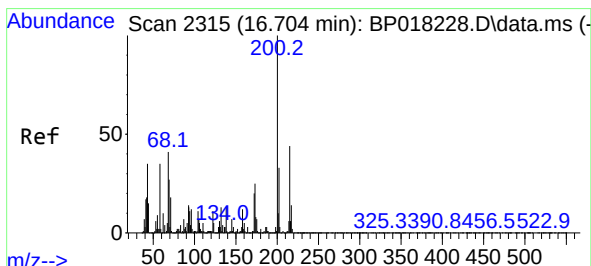
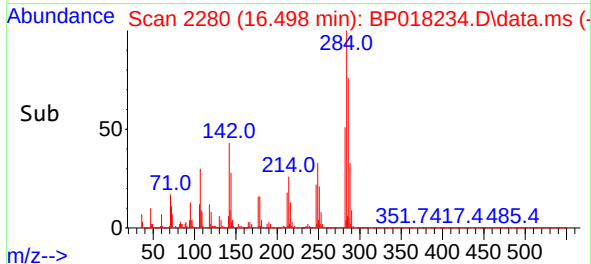
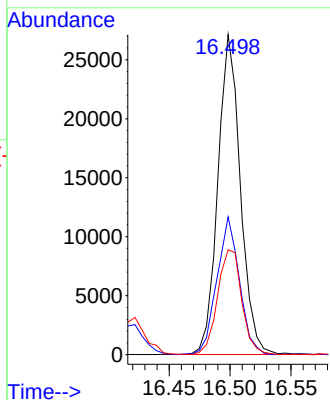
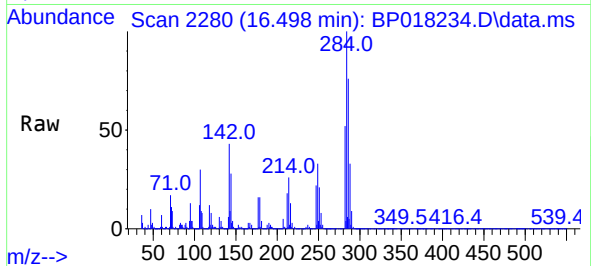
GCDP3MSD

Tgt Ion:284 Resp: 3489  
Ion Ratio Lower Upper  
284 100  
142 43.0 38.9 58.3  
249 32.8 28.6 43.0

Manual Integrations

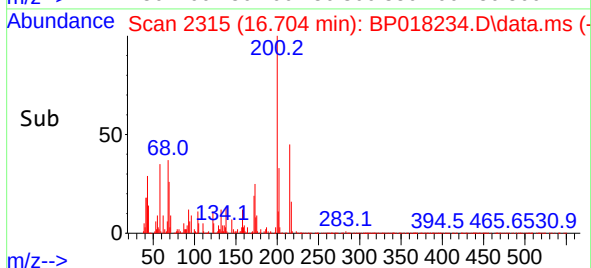
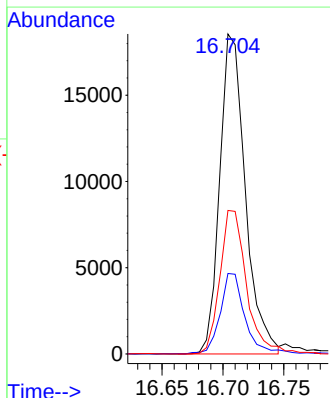
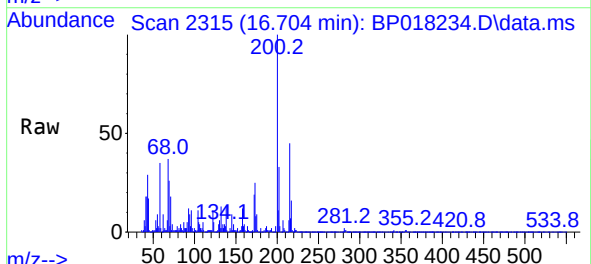
APPROVED

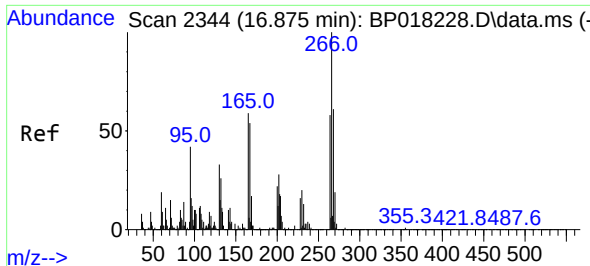
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#70  
Atrazine  
Concen: 9.285 ng/u1  
RT: 16.704 min Scan# 2315  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:200 Resp: 27112  
Ion Ratio Lower Upper  
200 100  
173 25.1 20.2 30.2  
215 44.8 37.8 56.8





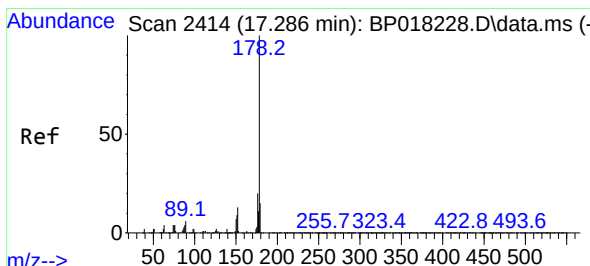
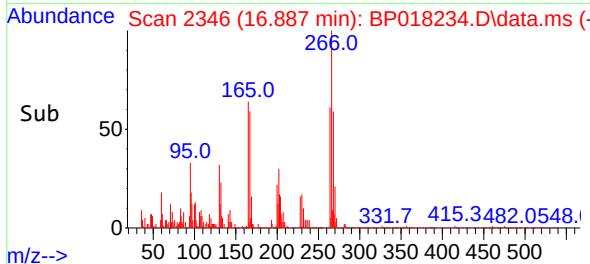
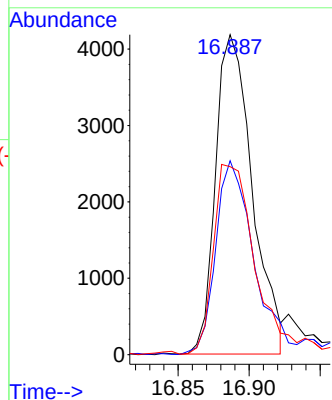
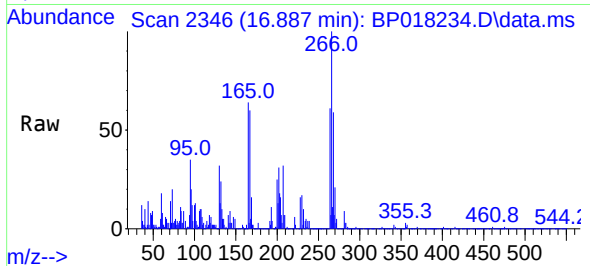
#71  
Pentachlorophenol  
Concen: 3.782 ng/u1  
RT: 16.887 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:266 Resp: 753  
Ion Ratio Lower Upper  
266 100  
264 60.6 50.7 76.1  
268 58.7 52.4 78.6

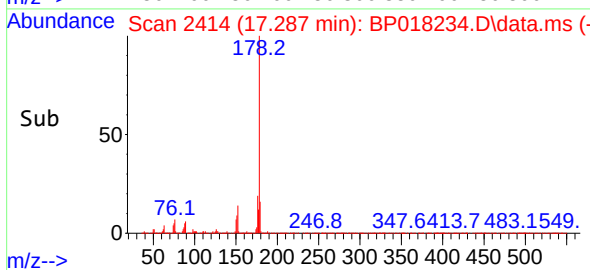
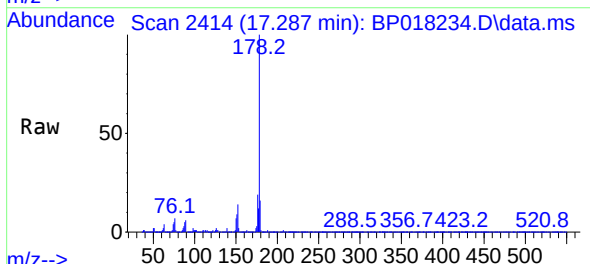
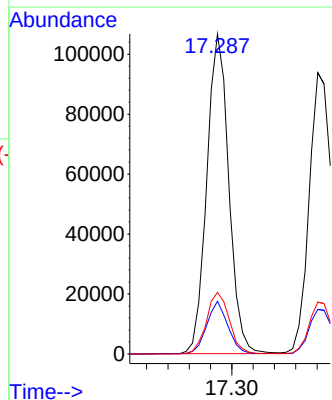
Manual Integrations  
APPROVED

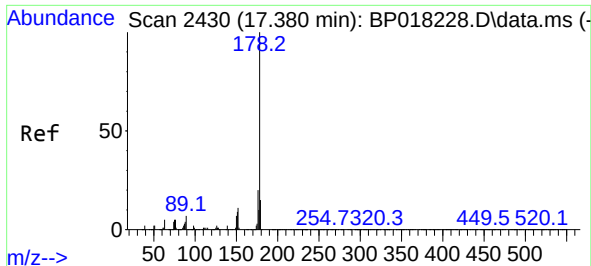
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#72  
Phenanthrene  
Concen: 9.557 ng/u1  
RT: 17.287 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:178 Resp: 153159  
Ion Ratio Lower Upper  
178 100  
179 16.5 12.0 18.0  
176 19.3 15.5 23.3





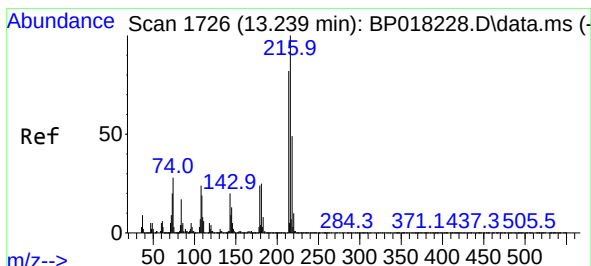
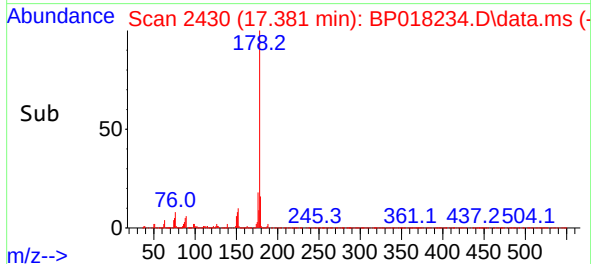
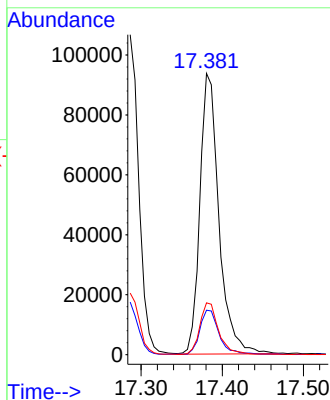
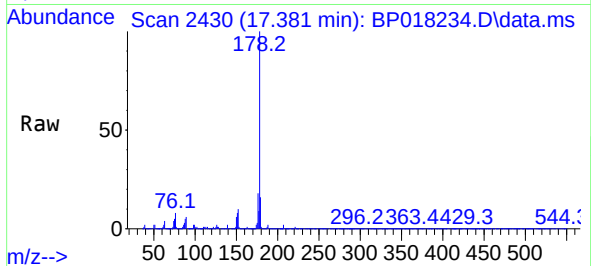
#74  
 Anthracene  
 Concen: 9.354 ng/u1  
 RT: 17.381 min Scan# 2430  
 Delta R.T. 0.000 min  
 Lab File: BP018234.D  
 Acq: 17 Nov 2023 23:05

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDP3MSD

Tgt Ion:178 Resp: 152990  
 Ion Ratio Lower Upper  
 178 100  
 179 15.8 12.6 19.0  
 176 18.5 15.4 23.0

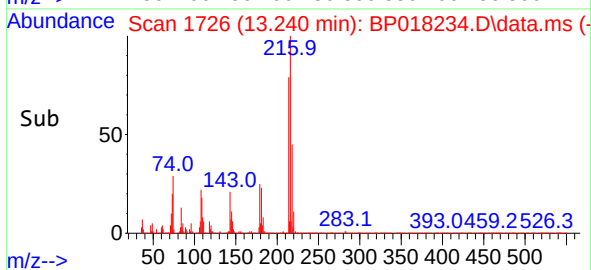
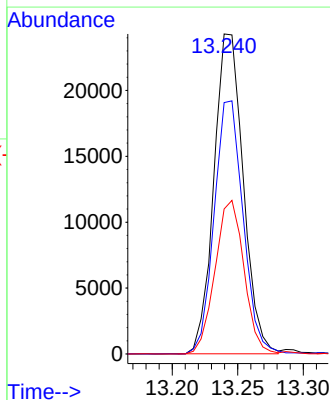
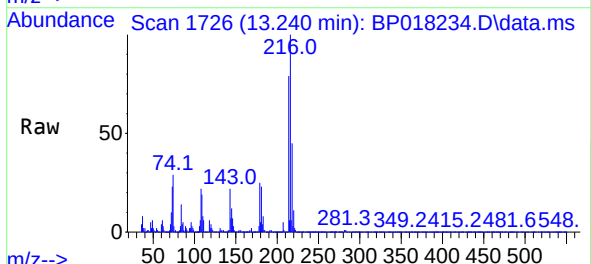
Manual Integrations  
 APPROVED

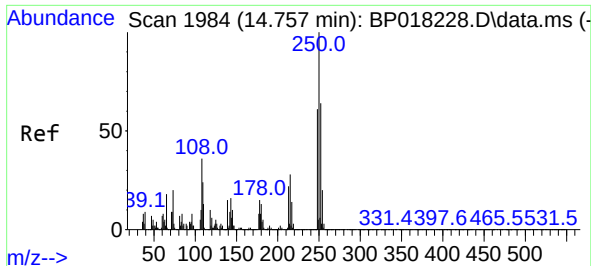
Reviewed By :Yogesh Patel 11/19/2023  
 Supervised By :mohammad ahmed 11/19/2023



#75  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 9.471 ng/uL  
 RT: 13.240 min Scan# 1726  
 Delta R.T. -0.006 min  
 Lab File: BP018234.D  
 Acq: 17 Nov 2023 23:05

Tgt Ion:216 Resp: 37751  
 Ion Ratio Lower Upper  
 216 100  
 214 78.6 64.0 96.0  
 218 45.3 39.0 58.4





#76  
Pentachlorobenzene  
Concen: 9.424 ng/uL  
RT: 14.757 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

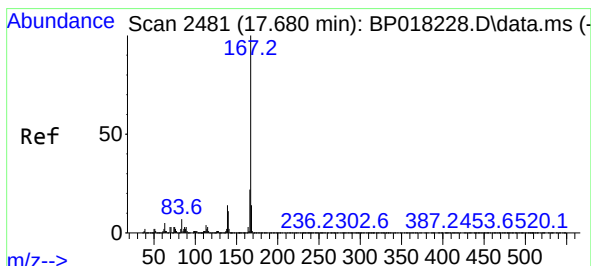
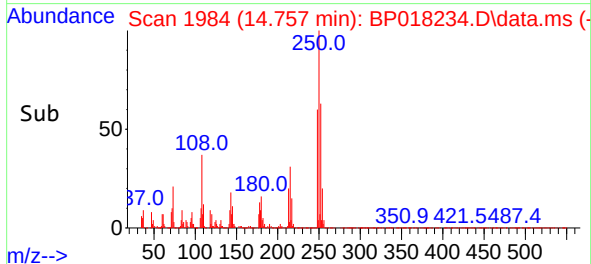
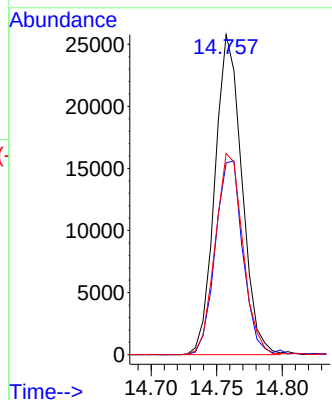
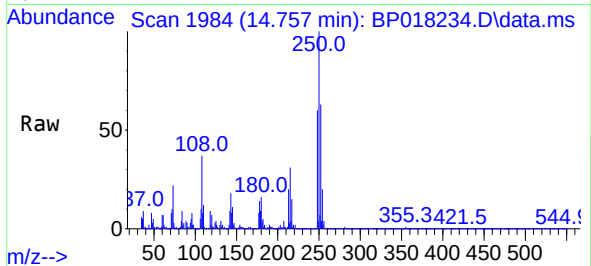
GCDP3MSD

Tgt Ion:250 Resp: 3677  
Ion Ratio Lower Upper  
250 100  
248 60.0 52.7 79.1  
252 62.9 52.3 78.5

Manual Integrations

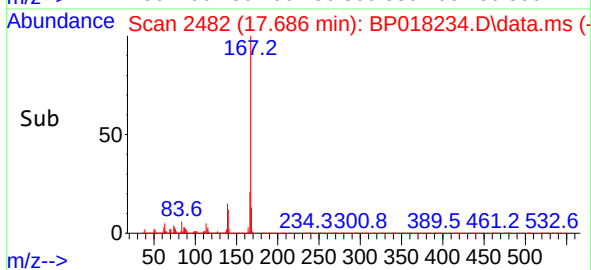
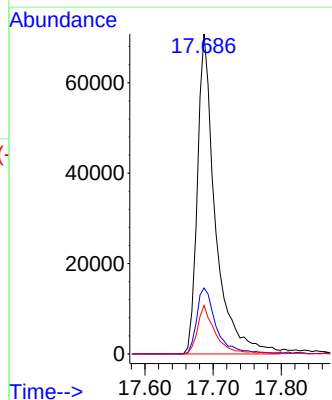
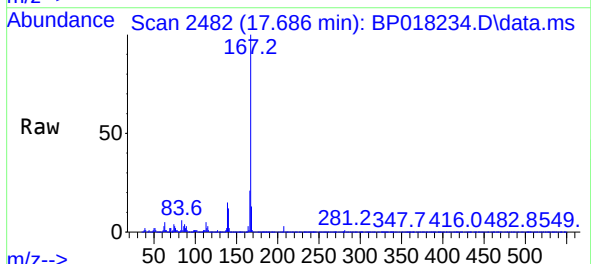
APPROVED

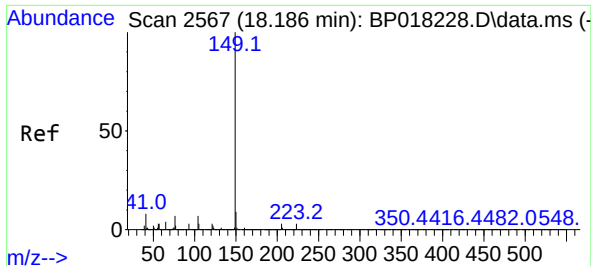
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#77  
Carbazole  
Concen: 9.111 ng/uL  
RT: 17.686 min Scan# 2482  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:167 Resp: 129401  
Ion Ratio Lower Upper  
167 100  
166 20.6 17.6 26.4  
139 15.2 11.4 17.0





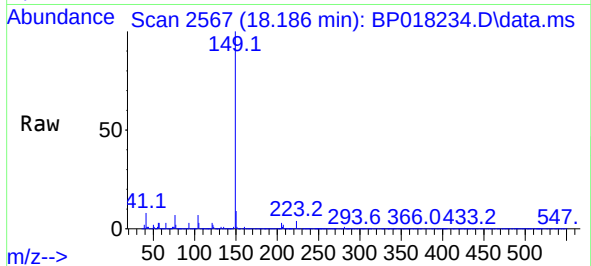
#78  
Di-n-butylphthalate  
Concen: 9.011 ng/ul  
RT: 18.186 min Scan# 2567  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD

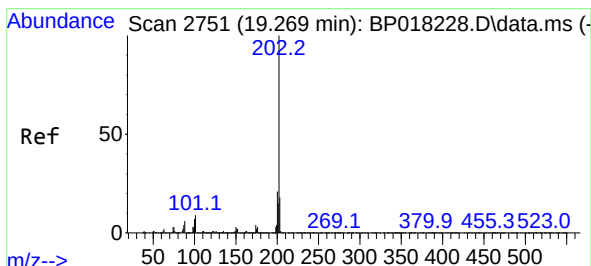
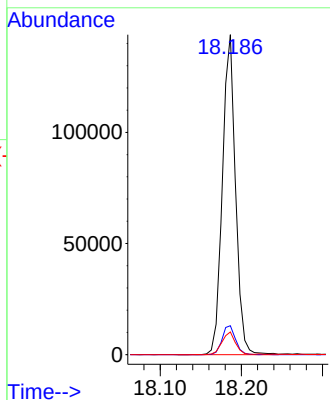
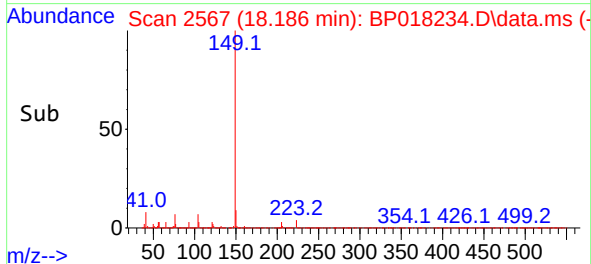


Tgt Ion:149 Resp: 16238  
Ion Ratio Lower Upper  
149 100  
150 9.1 6.7 10.1  
104 7.1 5.1 7.7

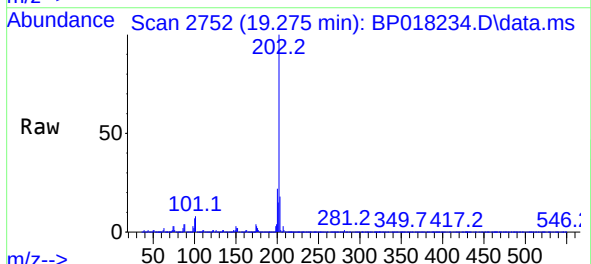
Manual Integrations

APPROVED

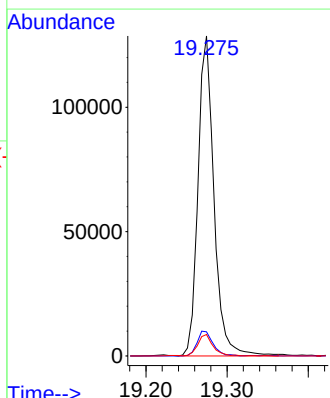
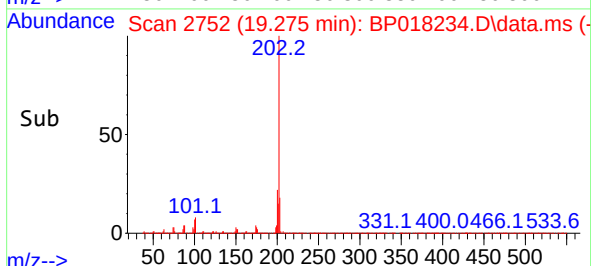
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



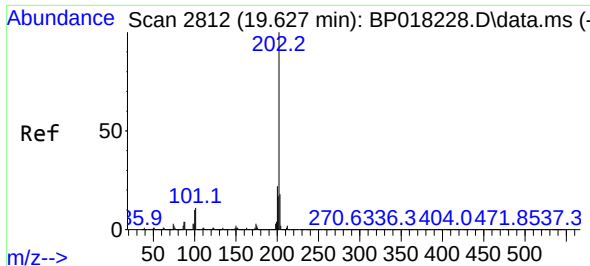
#80  
Fluoranthene  
Concen: 8.630 ng/ul  
RT: 19.275 min Scan# 2752  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05



Tgt Ion:202 Resp: 175955  
Ion Ratio Lower Upper  
202 100  
101 7.6 7.2 10.8  
100 6.7 5.8 8.6







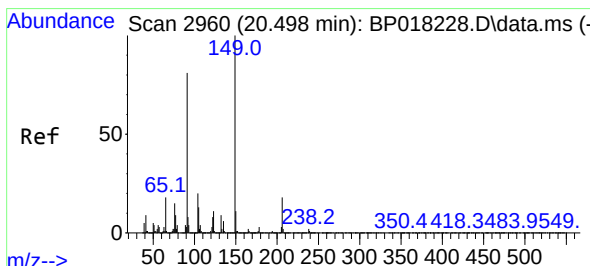
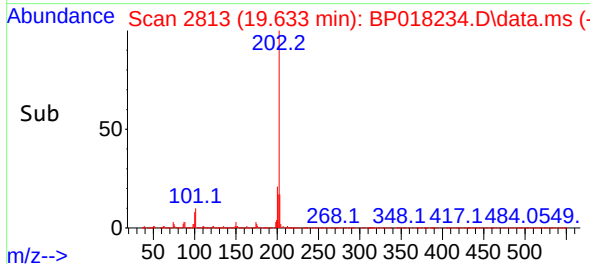
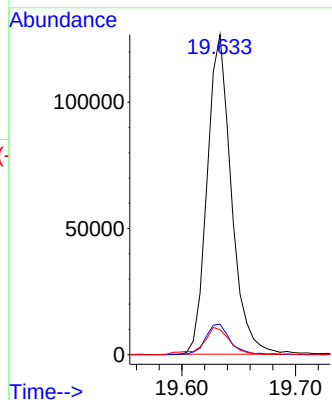
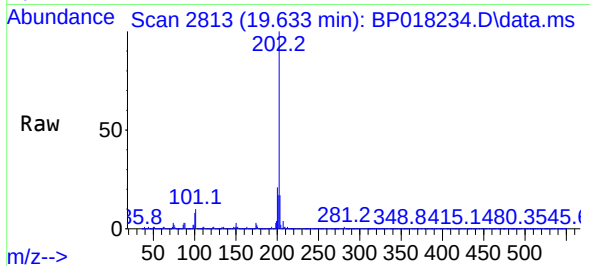
#82  
Pyrene  
Concen: 8.751 ng/ul  
RT: 19.633 min Scan# 2813  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:202 Resp: 186950  
Ion Ratio Lower Upper  
202 100  
101 9.5 8.3 12.5  
100 7.8 7.4 11.2

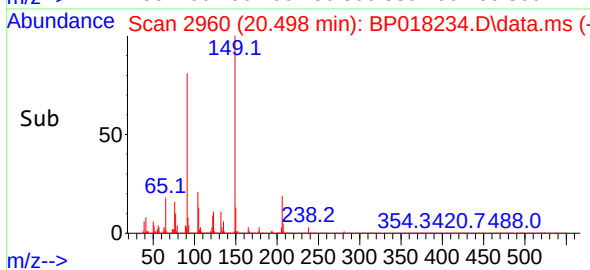
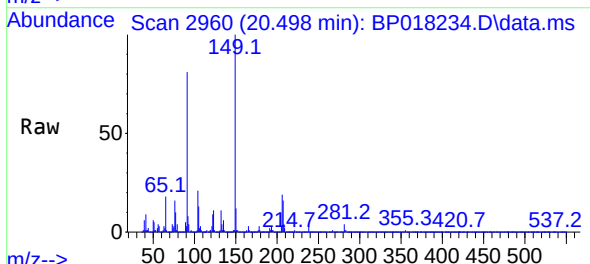
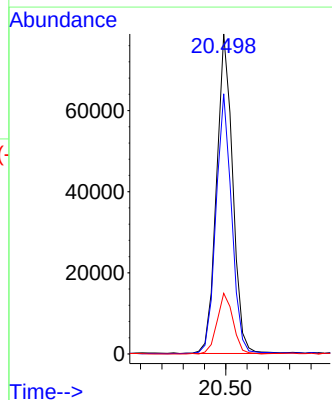
Manual Integrations  
APPROVED

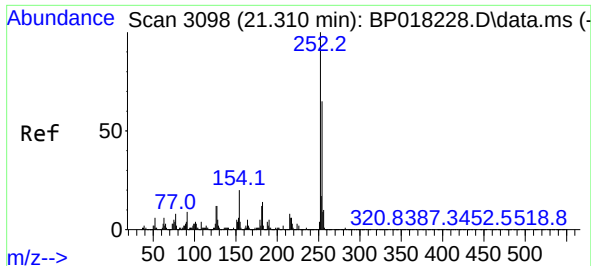
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#83  
Butylbenzylphthalate  
Concen: 9.234 ng/ul  
RT: 20.498 min Scan# 2960  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:149 Resp: 82960  
Ion Ratio Lower Upper  
149 100  
91 81.3 59.6 89.4  
206 18.9 14.3 21.5





#84  
3,3'-Dichlorobenzidine  
Concen: 8.333 ng/ul  
RT: 21.310 min Scan# 3098  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

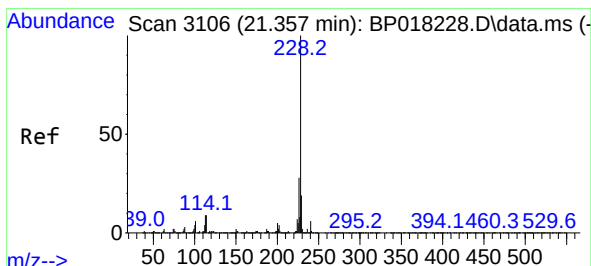
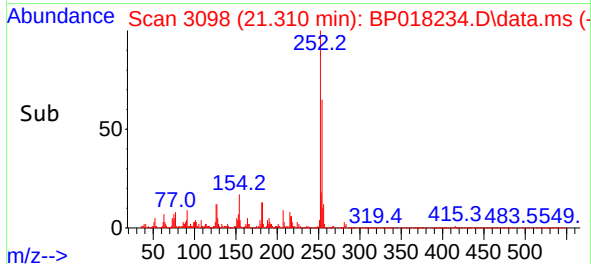
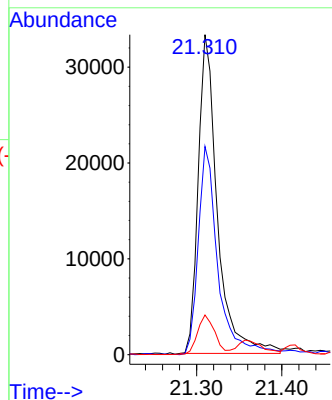
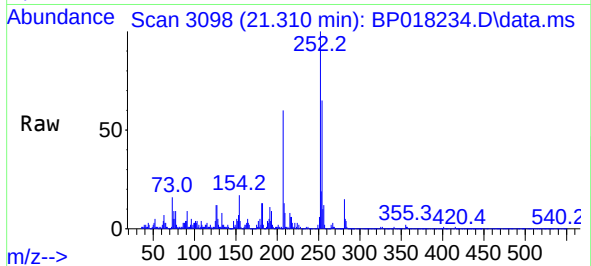
GCDP3MSD

Tgt Ion:252 Resp: 5203  
Ion Ratio Lower Upper  
252 100  
254 65.0 48.9 73.3  
126 12.4 9.4 14.0

Manual Integrations

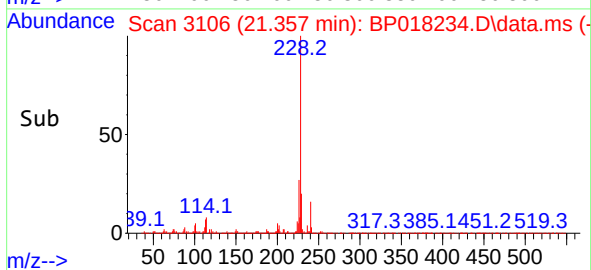
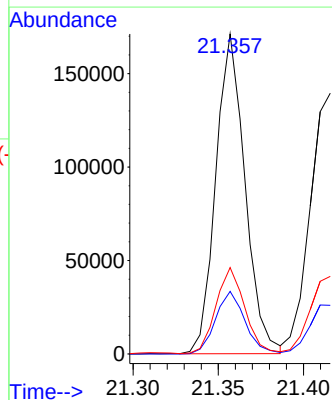
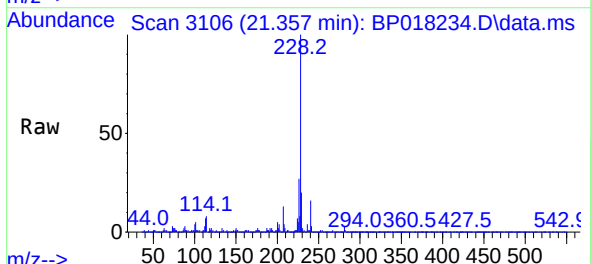
APPROVED

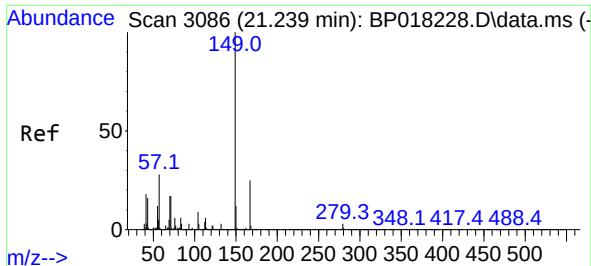
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#85  
Benzo(a)anthracene  
Concen: 9.666 ng/ul  
RT: 21.357 min Scan# 3106  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:228 Resp: 203998  
Ion Ratio Lower Upper  
228 100  
229 19.6 15.4 23.0  
226 27.0 21.4 32.0





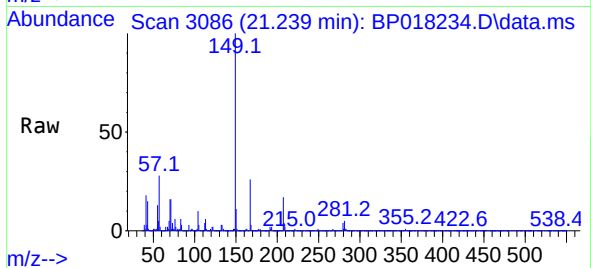
#86  
Bis(2-ethylhexyl)phthalate  
Concen: 9.655 ng/ul  
RT: 21.239 min Scan# 3086  
Delta R.T. -0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

GCDP3MSD

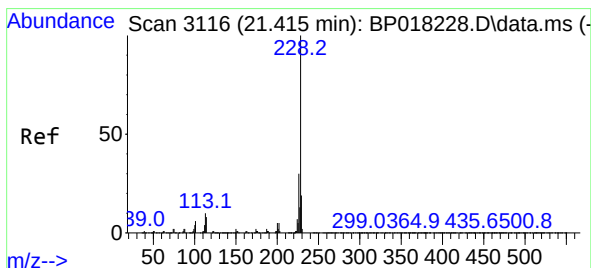
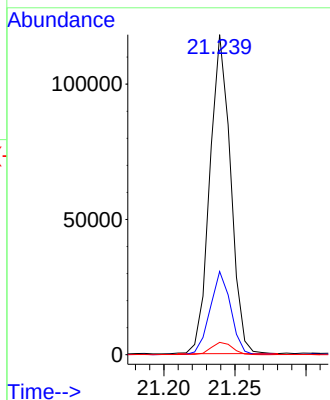
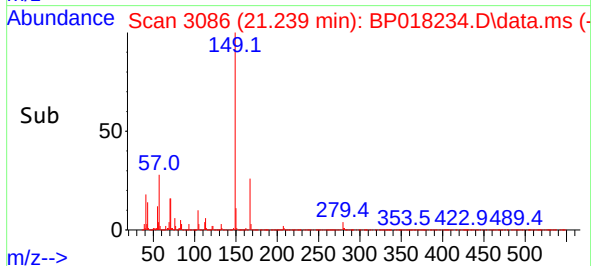


Tgt Ion:149 Resp: 119597  
Ion Ratio Lower Upper  
149 100  
167 26.0 21.0 31.4  
279 3.8 3.2 4.8

Manual Integrations

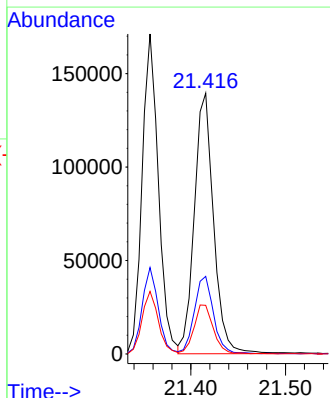
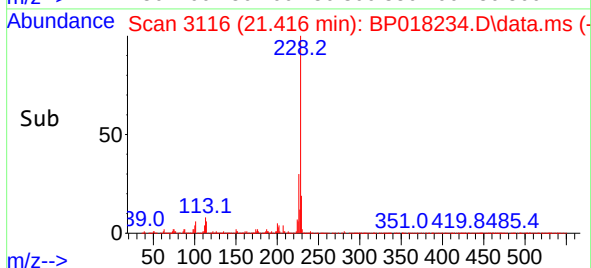
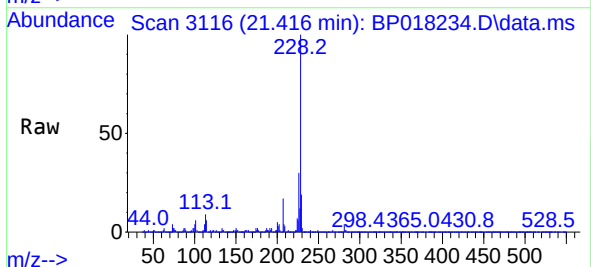
APPROVED

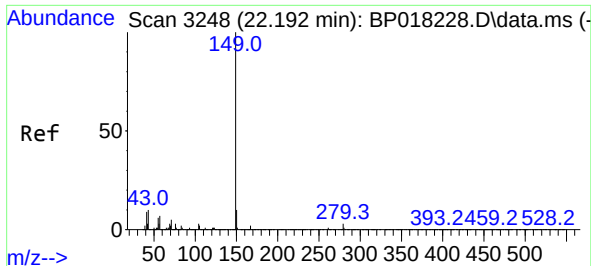
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#87  
Chrysene  
Concen: 9.982 ng/ul  
RT: 21.416 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:228 Resp: 197078  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.1 34.7  
229 18.7 15.4 23.0





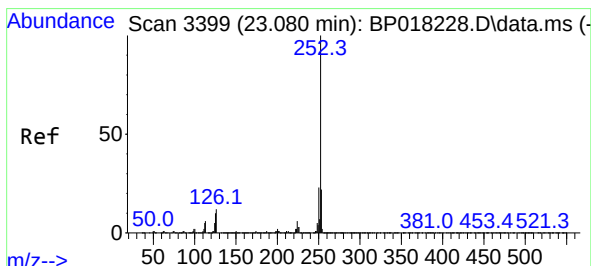
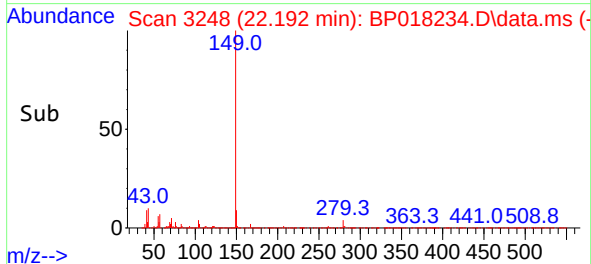
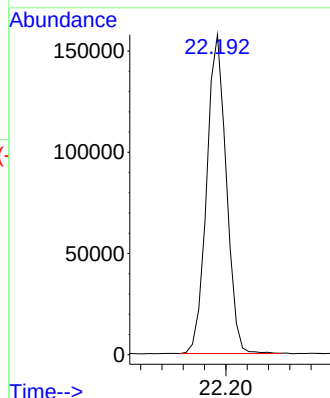
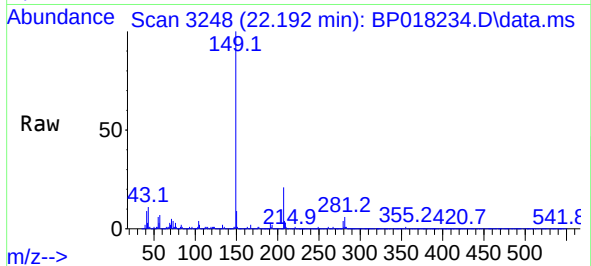
#89  
Di-n-octyl phthalate  
Concen: 9.090 ng/ul  
RT: 22.192 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:149 Resp: 201309

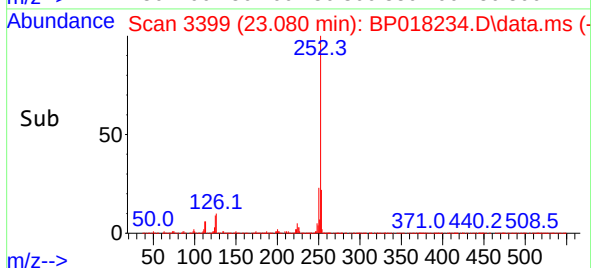
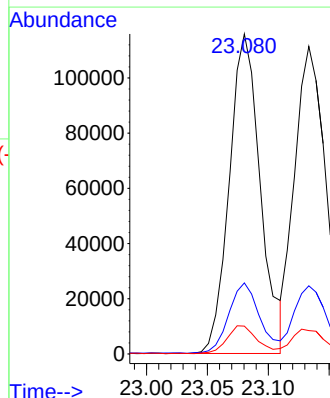
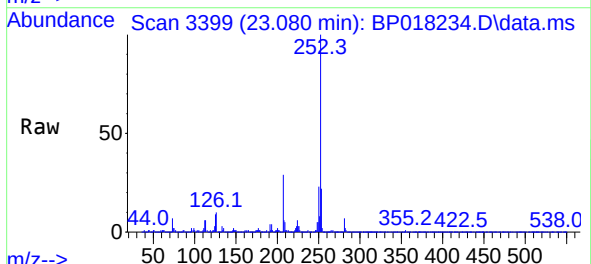
Manual Integrations  
APPROVED

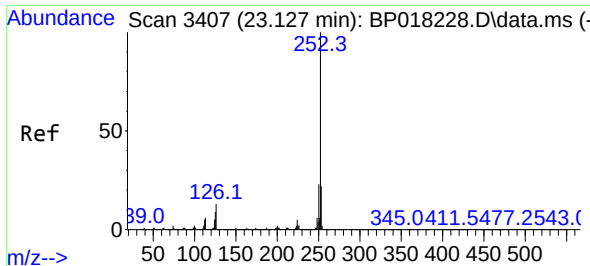
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#90  
Benzo(b)fluoranthene  
Concen: 9.757 ng/ul  
RT: 23.080 min Scan# 3399  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:252 Resp: 205613  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.0 25.4  
125 8.7 7.0 10.6





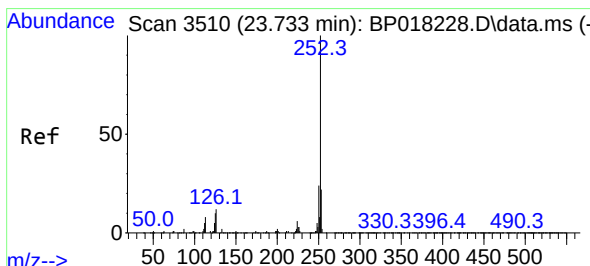
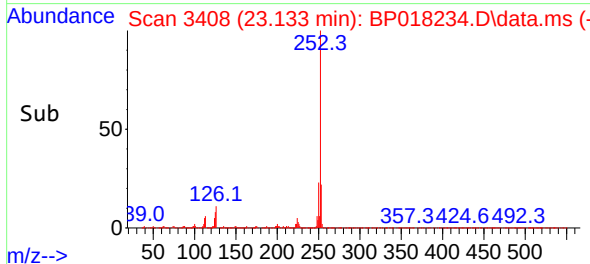
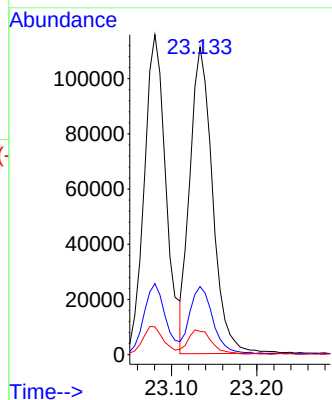
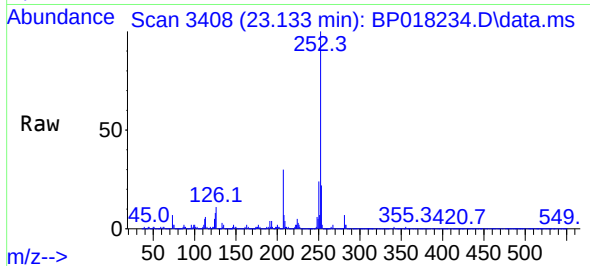
#91  
Benzo(k)fluoranthene  
Concen: 9.678 ng/u1  
RT: 23.133 min Scan# 3407  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :  
BNA\_P  
ClientSampleId :  
GCDP3MSD

Tgt Ion:252 Resp: 20520  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 7.6 6.8 10.2

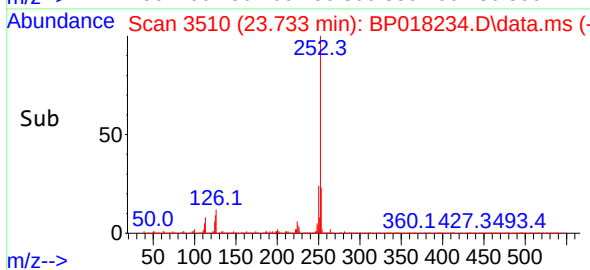
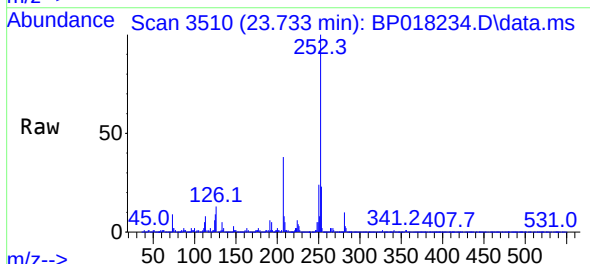
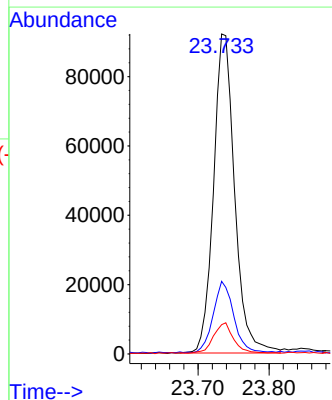
Manual Integrations  
APPROVED

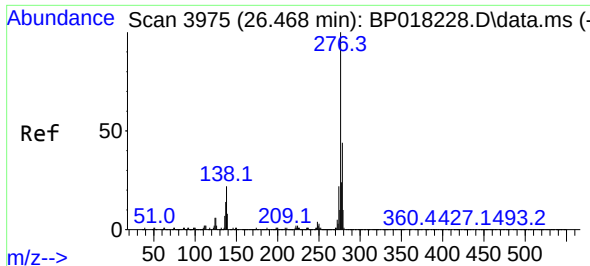
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#93  
Benzo(a)pyrene  
Concen: 9.545 ng/u1  
RT: 23.733 min Scan# 3510  
Delta R.T. 0.000 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Tgt Ion:252 Resp: 189965  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.4 26.0  
125 9.1 7.3 10.9





#94  
Indeno(1,2,3-cd)pyrene  
Concen: 9.704 ng/ul  
RT: 26.474 min Scan# 3975  
Delta R.T. 0.012 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

Instrument :

BNA\_P

ClientSampleId :

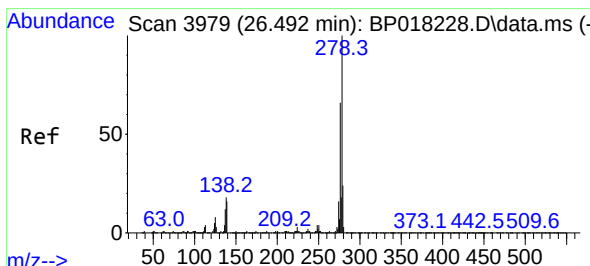
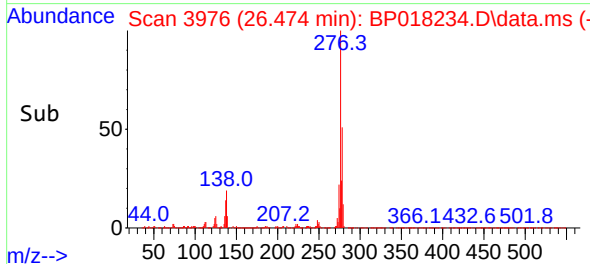
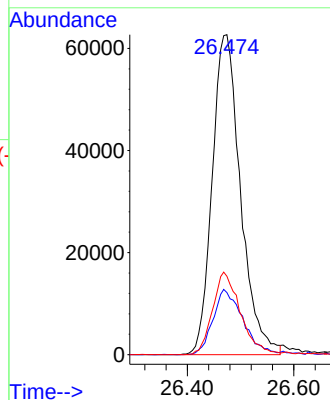
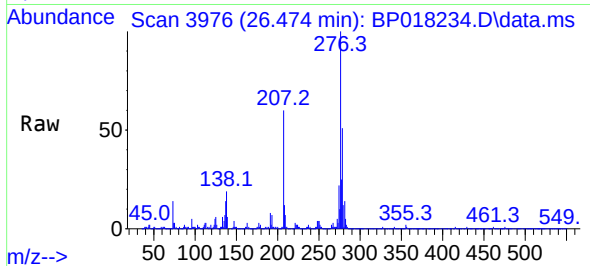
GCDP3MSD

Tgt Ion:276 Resp: 231620  
Ion Ratio Lower Upper  
276 100  
138 19.4 15.6 23.4  
277 24.5 19.3 28.9

Manual Integrations

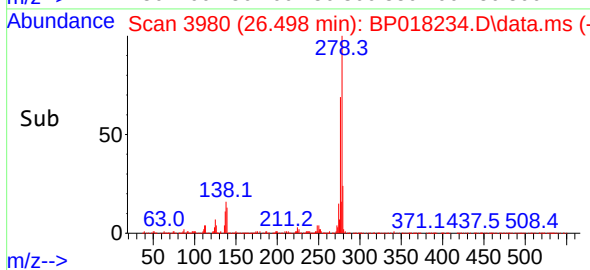
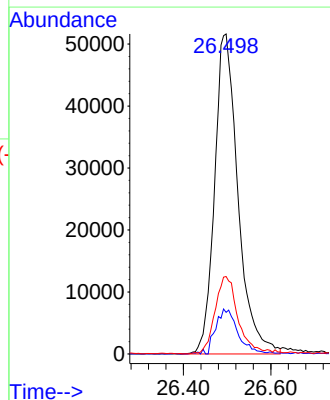
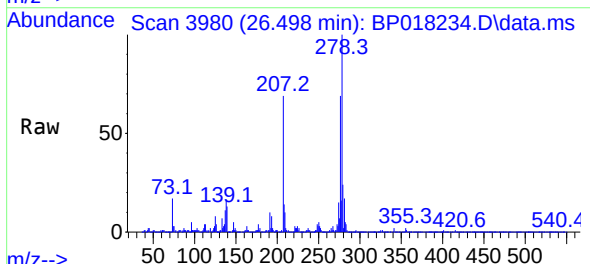
APPROVED

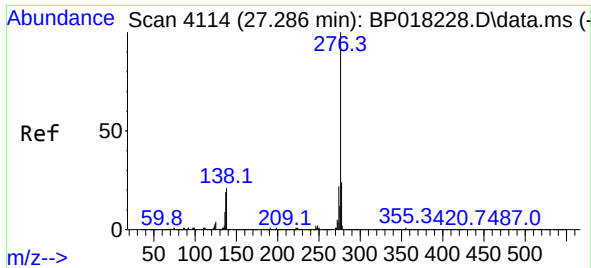
Reviewed By :Yogesh Patel 11/19/2023  
Supervised By :mohammad ahmed 11/19/2023



#95  
Dibenzo(a,h)anthracene  
Concen: 9.766 ng/ul  
RT: 26.498 min Scan# 3980  
Delta R.T. 0.006 min  
Lab File: BP018234.D  
Acq: 17 Nov 2023 23:05

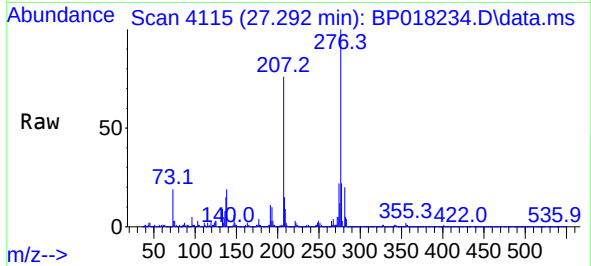
Tgt Ion:278 Resp: 191929  
Ion Ratio Lower Upper  
278 100  
139 13.0 11.1 16.7  
279 24.2 19.0 28.4





#96  
 Benzo(g,h,i)perylene  
 Concen: 9.891 ng/ul  
 RT: 27.292 min Scan# 4115  
 Delta R.T. 0.012 min  
 Lab File: BP018234.D  
 Acq: 17 Nov 2023 23:05

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDP3MSD



Tgt Ion: 276 Resp: 18884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 18.5  | 13.8  | 20.6  |
| 277 | 22.0  | 20.2  | 30.2  |

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023  
 Supervised By :mohammad ahmed 11/19/2023

