

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092424\  
 Data File : BP022064.D  
 Acq On : 26 Sep 2024 15:51  
 Operator : RC/JU  
 Sample : PB163588BS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS588

Quant Time: Sep 27 01:34:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 24 15:23:13 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
 Supervised By :mohammad ahmed 09/28/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.705  | 152  | 99818    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.463 | 136  | 393605   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.316 | 164  | 328000   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 851903   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.545 | 240  | 1030931  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.827 | 264  | 1166699  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.222  | 96   | 12998    | 5.101  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.634  | 84   | 180228   | 24.742 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 230327   | 28.208 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.046  | 67   | 138983   | 27.643 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.252  | 132  | 177818   | 30.100 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.410  | 113  | 185562   | 28.680 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.846  | 128  | 88161    | 29.926 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.557  | 143  | 103248   | 30.910 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.093 | 165  | 221894   | 30.589 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.599 | 131  | 242049   | 27.966 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 754737   | 29.767 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.004 | 160  | 799709   | 29.791 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.534 | 143  | 123910   | 28.571 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.322 | 176  | 680753   | 30.353 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200  | 138245   | 26.138 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.222 | 188  | 1187435  | 29.857 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.586 | 212  | 1610443  | 30.152 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.598 | 264  | 1895567  | 30.890 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 27182    | 9.847  | ng/uL  | 99       |
| 5) Pyridine                   | 3.652  | 79   | 175273   | 23.684 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.858  | 77   | 150862   | 32.661 | ng/ul  | 99       |
| 8) Phenol                     | 6.916  | 94   | 236472   | 27.751 | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.134  | 93   | 177272   | 27.181 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.281  | 128  | 177908   | 29.049 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.146  | 108  | 172441   | 27.903 | ng/ul  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.216  | 45   | 156488   | 25.865 | ng/ul  | 95       |
| 16) Acetophenone              | 8.516  | 105  | 306026   | 28.435 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.505  | 70   | 160599   | 28.784 | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.469  | 108  | 190246   | 28.229 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.769  | 117  | 81901    | 28.329 | ng/ul  | 92       |
| 22) Nitrobenzene              | 8.887  | 77   | 253442   | 28.138 | ng/ul  | 100      |
| 23) Isophorone                | 9.410  | 82   | 440426   | 28.230 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.587  | 139  | 107359   | 30.039 | ng/ul  | 94       |
| 26) 2,4-Dimethylphenol        | 9.652  | 107  | 197379   | 24.379 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.881  | 93   | 248262   | 27.606 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 215975   | 29.968 | ng/ul  | 99       |
| 30) Naphthalene               | 10.516 | 128  | 576926   | 27.857 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.622 | 127  | 218214   | 25.456 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.799 | 225  | 182964   | 28.594 | ng/ul  | 96       |
| 34) Caprolactam               | 11.398 | 113  | 68300m   | 31.241 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.751 | 107  | 233745   | 29.979 | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.122 | 142  | 445664   | 28.956 | ng/ul  | 98       |

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 Sample : PB163588BS  
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Instrument :  
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Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
 Supervised By :mohammad ahmed 09/28/2024

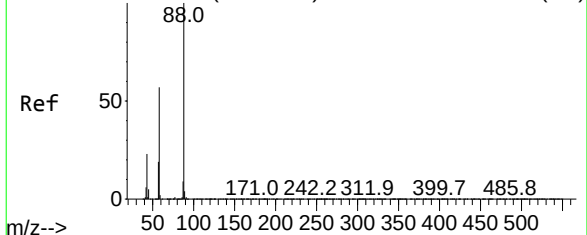
Quant Time: Sep 27 01:34:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 24 15:23:13 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.345 | 142  | 447977   | 28.860 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.493 | 216  | 337050   | 27.716 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.475 | 237  | 185907   | 24.304 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.740 | 196  | 211270   | 29.061 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.810 | 196  | 234040   | 29.729 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.140 | 154  | 647316   | 27.598 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.181 | 162  | 528218   | 27.970 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.387 | 65   | 168631   | 30.881 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 13.769 | 163  | 723782   | 28.421 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.887 | 165  | 149083   | 30.537 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.034 | 152  | 791322   | 28.267 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.222 | 138  | 131960   | 29.689 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.381 | 153  | 573798   | 28.210 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.434 | 184  | 59721    | 17.978 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.545 | 109  | 151217   | 30.819 | ng/ul  | 89       |
| 56) Dibenzofuran              | 14.716 | 168  | 860115   | 28.442 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.681 | 165  | 234915   | 31.224 | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.951 | 232  | 231311   | 30.525 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.163 | 149  | 746758   | 29.629 | ng/ul  | 98       |
| 61) Fluorene                  | 15.381 | 166  | 734470   | 29.205 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.375 | 204  | 432226   | 29.852 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.392 | 138  | 150115   | 33.183 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.469 | 198  | 143733   | 24.962 | ng/ul# | 99       |
| 67) N-Nitrosodiphenylamine    | 15.592 | 169  | 640954   | 28.566 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.292 | 248  | 304786   | 29.792 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.404 | 284  | 375534   | 30.231 | ng/ul  | 98       |
| 70) Atrazine                  | 16.575 | 200  | 260145   | 25.990 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.757 | 266  | 209202   | 25.242 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.163 | 178  | 1299998  | 29.104 | ng/ul  | 99       |
| 74) Anthracene                | 17.257 | 178  | 1325034  | 29.151 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.104 | 216  | 338011   | 26.441 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.639 | 250  | 381677   | 27.150 | ng/uL  | 99       |
| 77) Carbazole                 | 17.533 | 167  | 1178822  | 29.425 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.122 | 149  | 1420953  | 30.765 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.239 | 202  | 1788887  | 29.304 | ng/ul  | 100      |
| 82) Pyrene                    | 19.622 | 202  | 1926695  | 29.321 | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.569 | 149  | 710884   | 31.042 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.451 | 252  | 628537   | 26.628 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.527 | 228  | 2069839  | 29.133 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.463 | 149  | 1039206  | 30.929 | ng/ul  | 100      |
| 87) Chrysene                  | 21.592 | 228  | 1969232  | 29.533 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.710 | 149  | 1822902  | 31.628 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.780 | 252  | 2139160  | 29.536 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.857 | 252  | 2156579  | 29.876 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.674 | 252  | 1983877  | 29.727 | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 28.556 | 276  | 2498272m | 28.711 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.615 | 278  | 2004265  | 28.593 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.709 | 276  | 1928195  | 28.558 | ng/ul  | 100      |

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



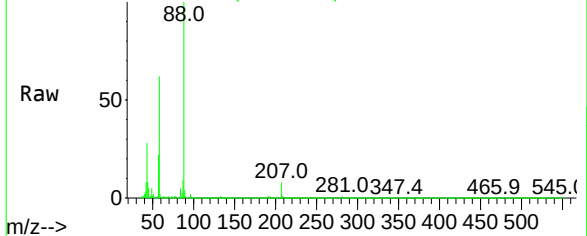
Abundance Scan 46 (3.258 min): BP022055.D\data.ms (-41)



#2  
1,4-Dioxane  
Concen: 9.847 ng/uL  
RT: 3.252 min Scan# 45  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
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SLCS588

Abundance Scan 45 (3.252 min): BP022064.D\data.ms

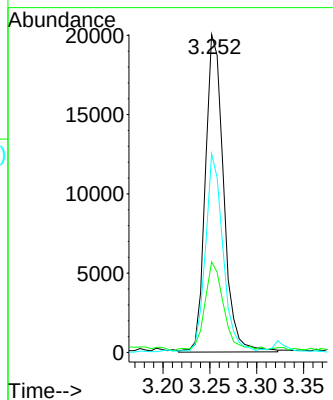
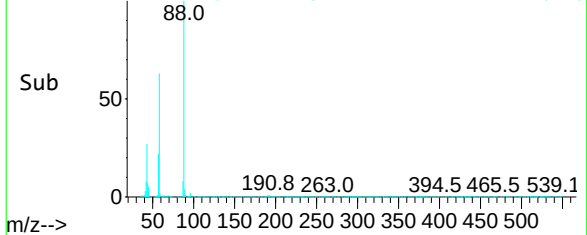


Tgt Ion: 88 Resp: 27182  
Ion Ratio Lower Upper  
88 100  
43 28.5 22.1 33.1  
58 62.5 49.3 73.9

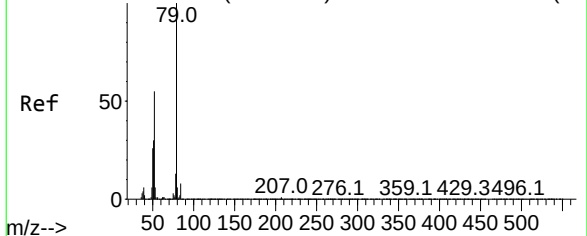
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

Abundance Scan 45 (3.252 min): BP022064.D\data.ms (-12)



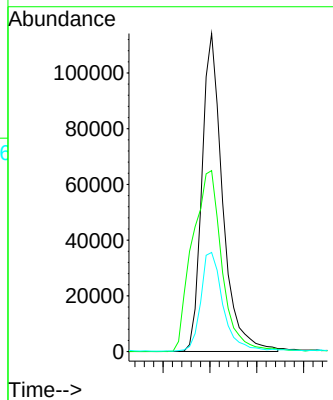
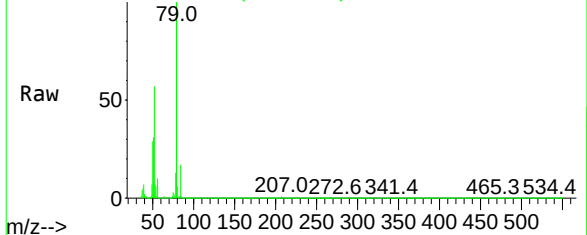
Abundance Scan 113 (3.652 min): BP022055.D\data.ms (-10)



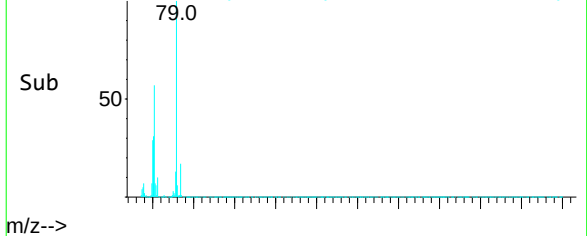
#5  
Pyridine  
Concen: 23.684 ng/uL  
RT: 3.652 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

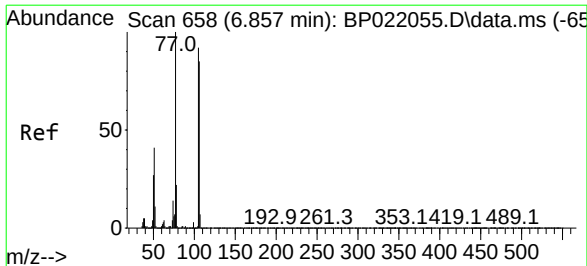
Tgt Ion: 79 Resp: 175273  
Ion Ratio Lower Upper  
79 100  
52 56.9 47.3 70.9  
51 31.2 25.3 37.9

Abundance Scan 113 (3.652 min): BP022064.D\data.ms



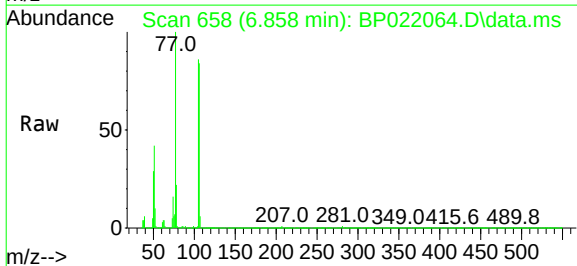
Abundance Scan 113 (3.652 min): BP022064.D\data.ms (-96)





#6  
Benzaldehyde  
Concen: 32.661 ng/u1  
RT: 6.858 min Scan# 65  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

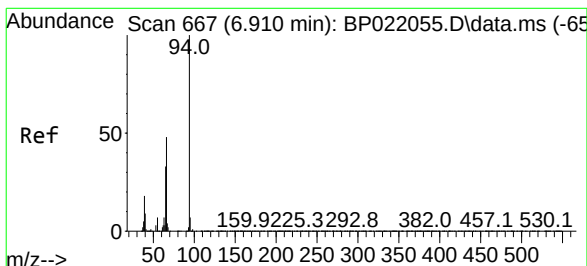
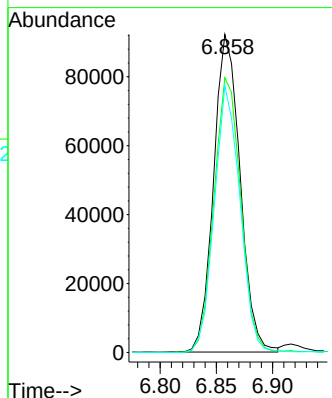
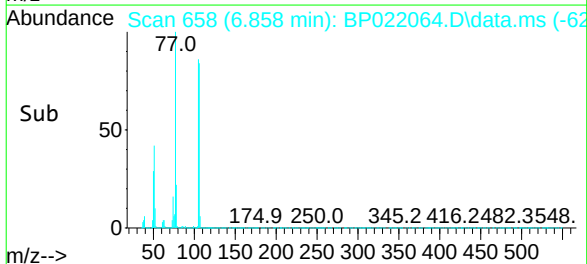
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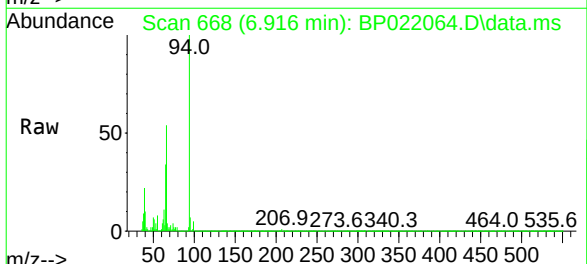
Tgt Ion: 77 Resp: 150862  
Ion Ratio Lower Upper  
77 100  
105 86.4 70.6 106.0  
106 83.8 67.4 101.0

Manual Integrations  
APPROVED

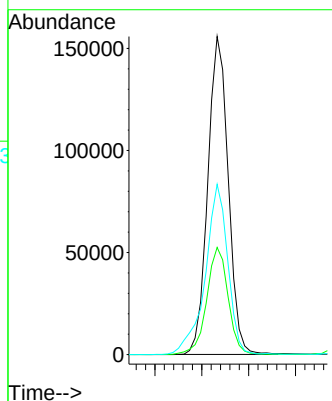
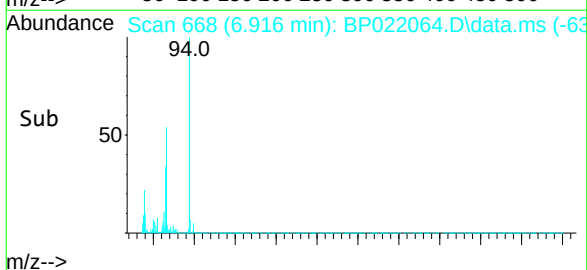
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

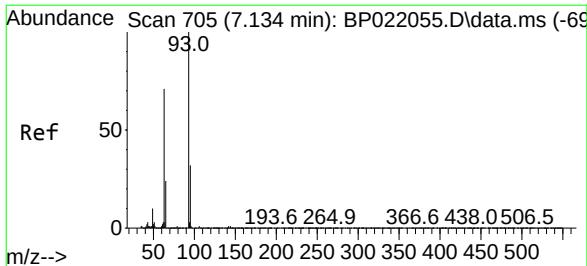


#8  
Phenol  
Concen: 27.751 ng/u1  
RT: 6.916 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51



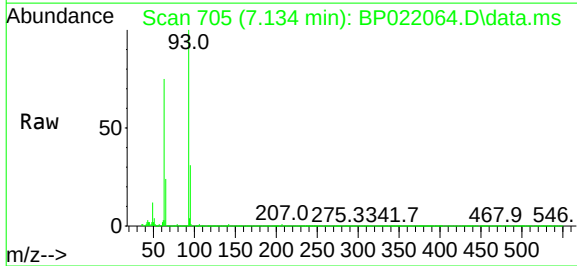
Tgt Ion: 94 Resp: 236472  
Ion Ratio Lower Upper  
94 100  
65 33.7 26.6 40.0  
66 53.5 39.6 59.4





#10  
Bis(2-Chloroethyl)ether  
Concen: 27.181 ng/u1  
RT: 7.134 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

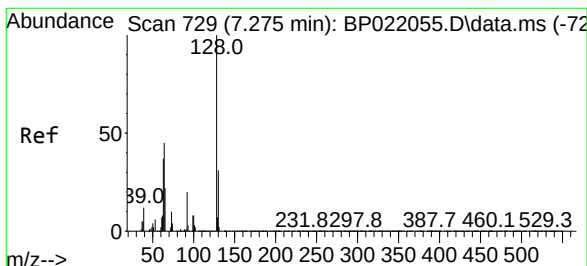
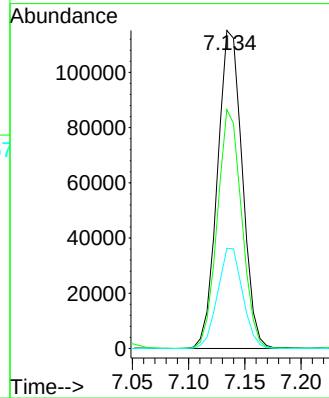
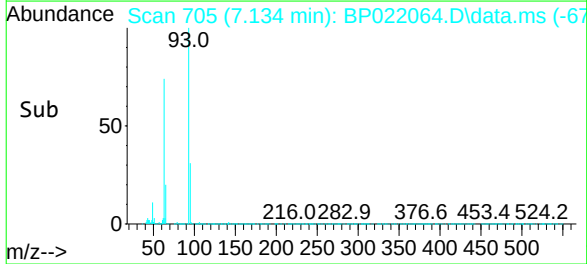
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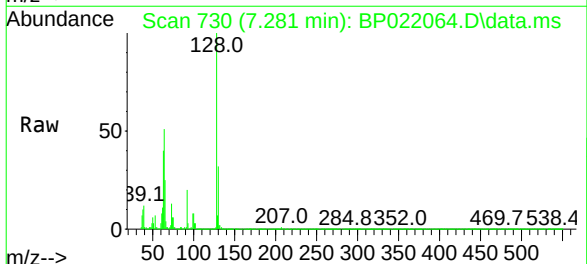
Tgt Ion: 93 Resp: 177272  
Ion Ratio Lower Upper  
93 100  
63 75.1 57.7 86.5  
95 31.5 24.9 37.3

Manual Integrations  
APPROVED

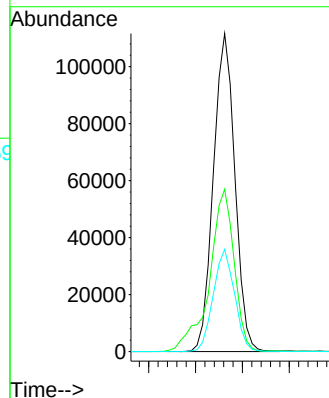
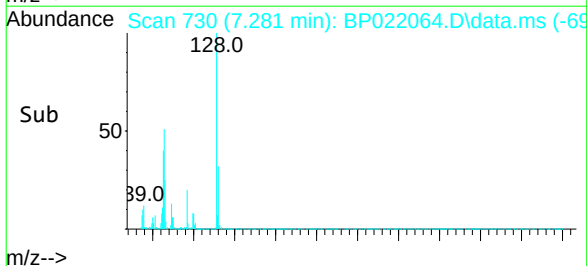
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

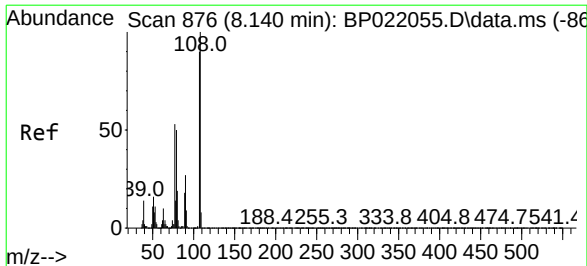


#12  
2-Chlorophenol  
Concen: 29.049 ng/u1  
RT: 7.281 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51



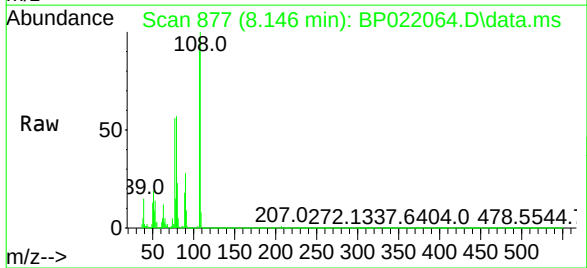
Tgt Ion:128 Resp: 177908  
Ion Ratio Lower Upper  
128 100  
64 51.0 41.3 61.9  
130 32.2 25.8 38.8





#13  
2-Methylphenol  
Concen: 27.903 ng/u1  
RT: 8.146 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

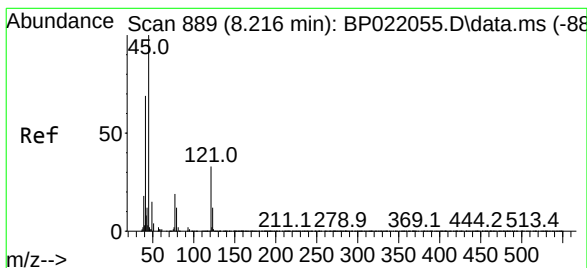
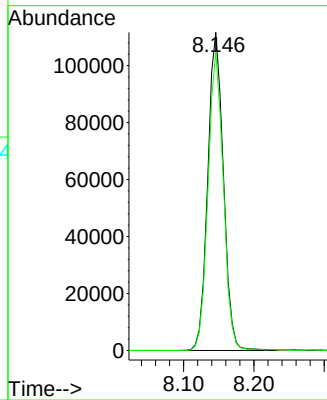
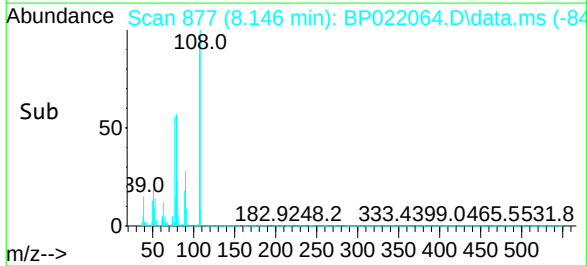
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:108 Resp: 172441  
Ion Ratio Lower Upper  
108 100  
107 93.7 71.3 106.9

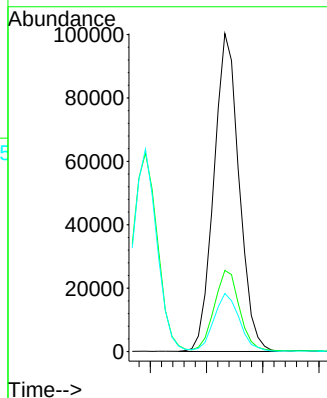
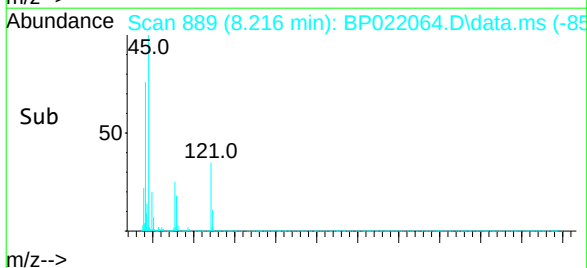
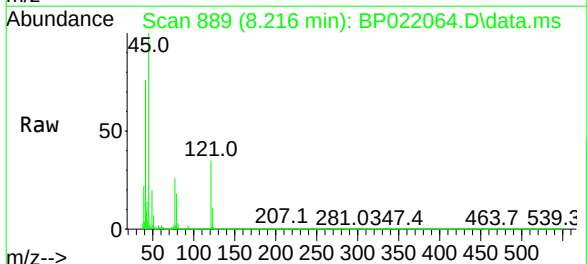
Manual Integrations  
APPROVED

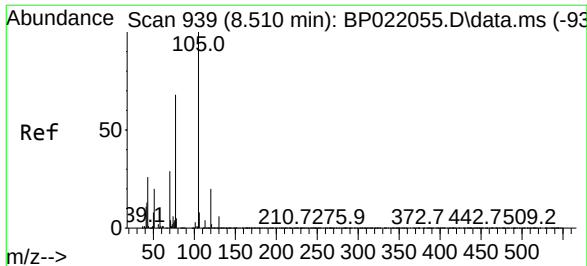
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 25.865 ng/u1  
RT: 8.216 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Tgt Ion: 45 Resp: 156488  
Ion Ratio Lower Upper  
45 100  
77 25.5 18.6 27.8  
79 18.3 13.2 19.8





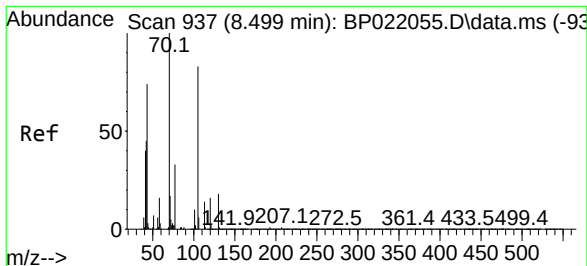
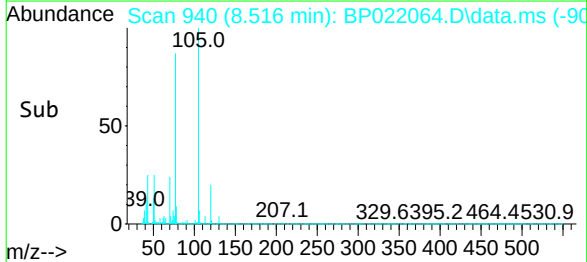
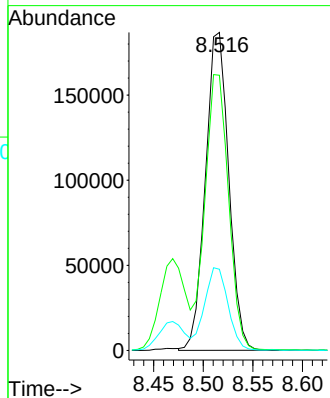
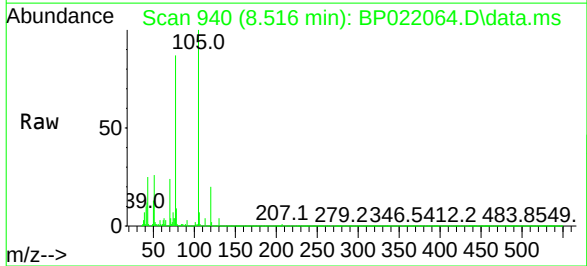
#16  
Acetophenone  
Concen: 28.435 ng/u1  
RT: 8.516 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 306026 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 77       | 86.5  | 67.9  | 101.9  |
| 51       | 25.5  | 19.8  | 29.6   |

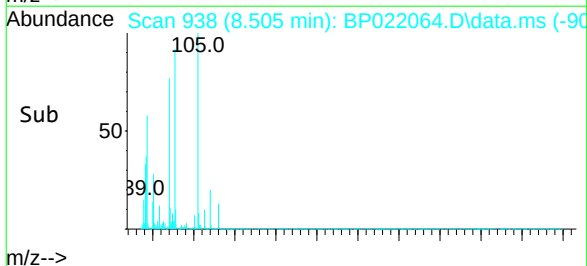
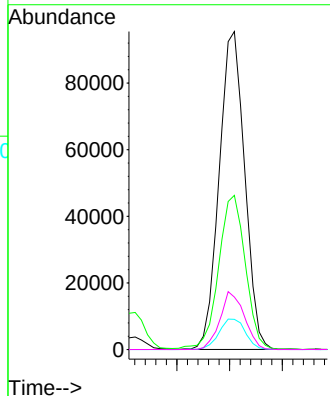
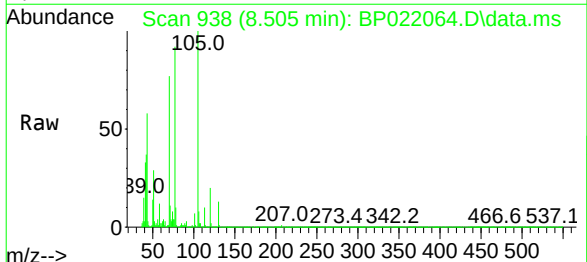
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

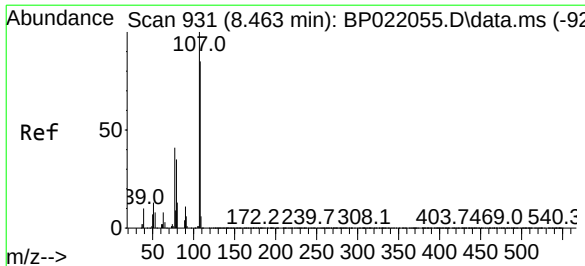


#17  
N-Nitroso-di-n-propylamine  
Concen: 28.784 ng/u1  
RT: 8.505 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 160599 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.5  | 35.5  | 53.3   |
| 101      | 9.5   | 7.3   | 10.9   |
| 130      | 16.5  | 13.9  | 20.9   |

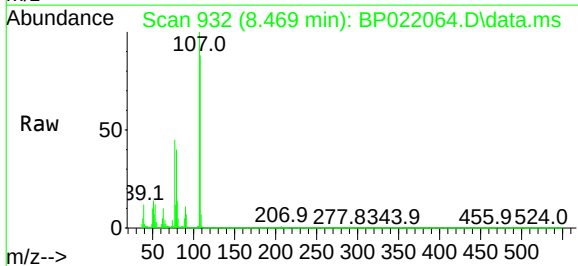






#18  
4-Methylphenol  
Concen: 28.229 ng/ul  
RT: 8.469 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

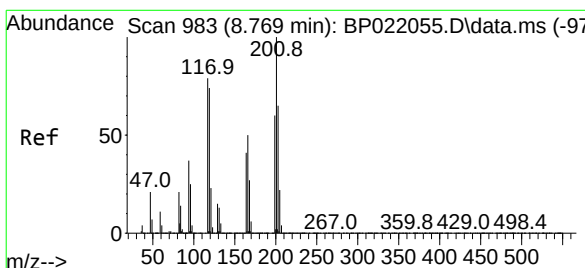
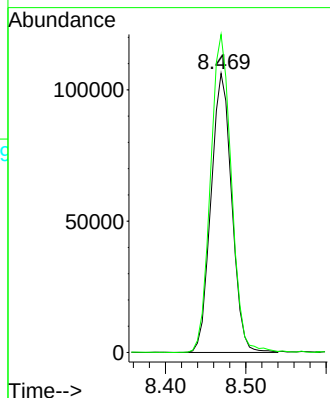
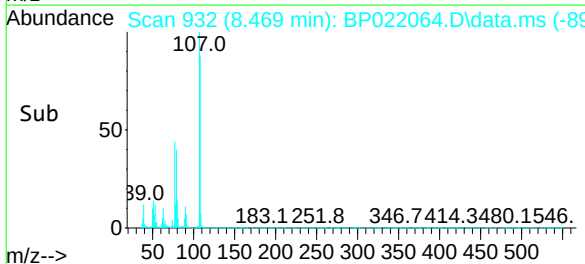
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588



Tgt Ion:108 Resp: 190246  
Ion Ratio Lower Upper  
108 100  
107 114.0 92.0 138.0

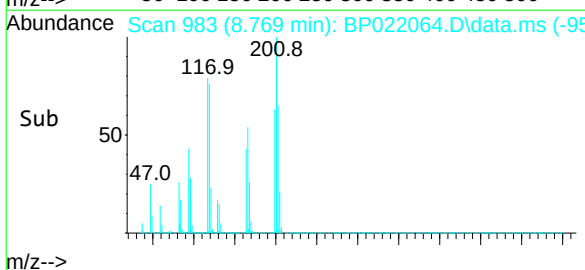
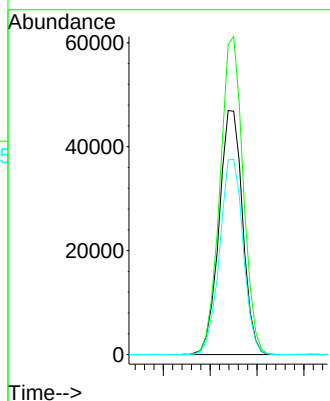
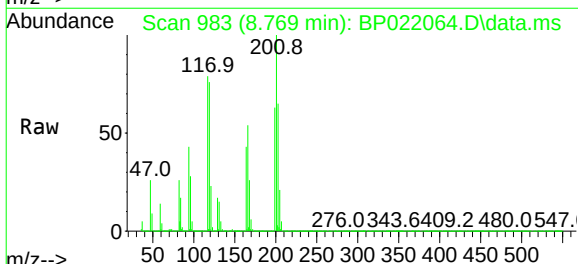
Manual Integrations  
APPROVED

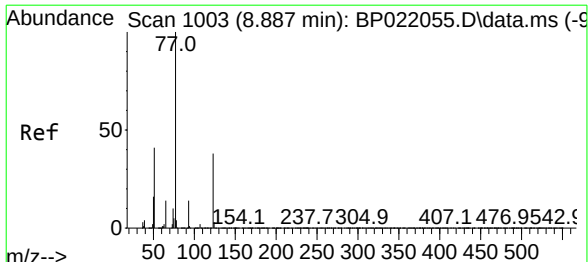
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#19  
Hexachloroethane  
Concen: 28.329 ng/ul  
RT: 8.769 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Tgt Ion:117 Resp: 81901  
Ion Ratio Lower Upper  
117 100  
201 127.1 110.2 165.4  
199 79.8 67.9 101.9





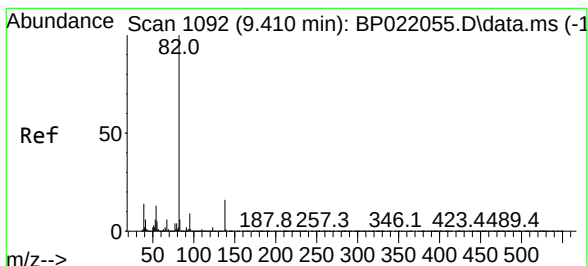
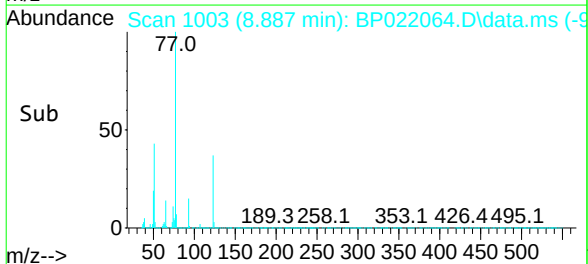
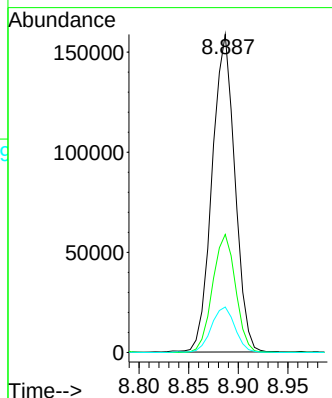
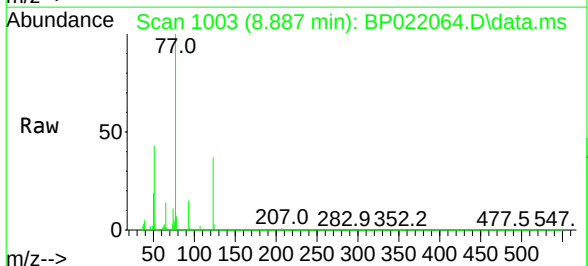
#22  
 Nitrobenzene  
 Concen: 28.138 ng/ul  
 RT: 8.887 min Scan# 1003  
 Delta R.T. 0.000 min  
 Lab File: BP022064.D  
 Acq: 26 Sep 2024 15:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS588

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 253442 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 37.1  | 29.8  | 44.8   |
| 65       | 14.3  | 11.3  | 16.9   |

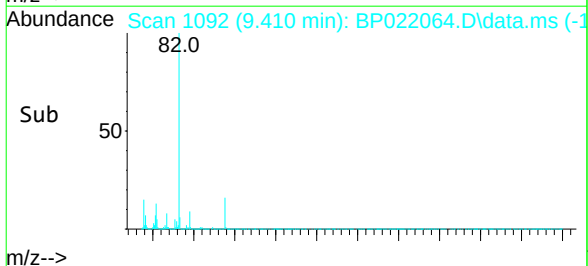
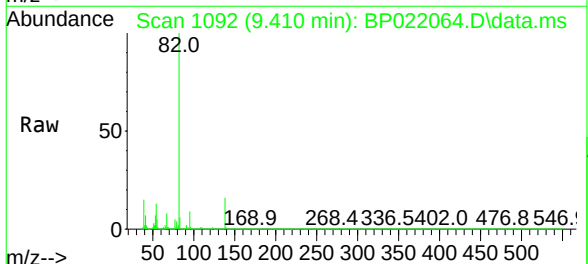
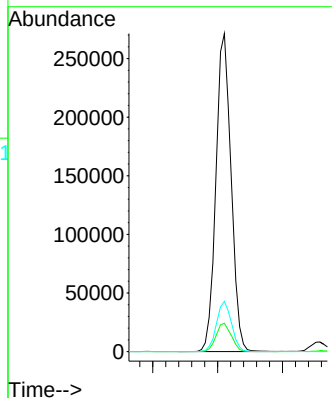
Manual Integrations  
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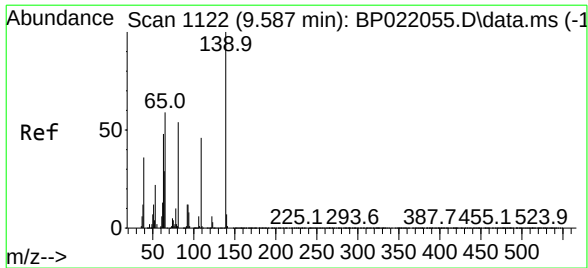
Reviewed By :Yogesh Patel 09/27/2024  
 Supervised By :mohammad ahmed 09/28/2024



#23  
 Isophorone  
 Concen: 28.230 ng/ul  
 RT: 9.410 min Scan# 1092  
 Delta R.T. 0.000 min  
 Lab File: BP022064.D  
 Acq: 26 Sep 2024 15:51

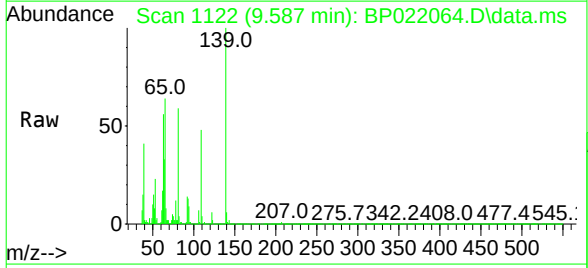
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 440426 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 95       | 8.9   | 7.0   | 10.4   |
| 138      | 15.8  | 11.9  | 17.9   |





#25  
2-Nitrophenol  
Concen: 30.039 ng/u1  
RT: 9.587 min Scan# 111  
Delta R.T. -0.012 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

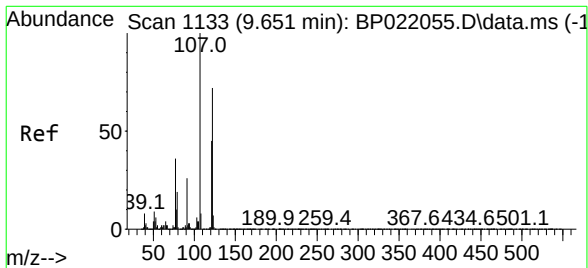
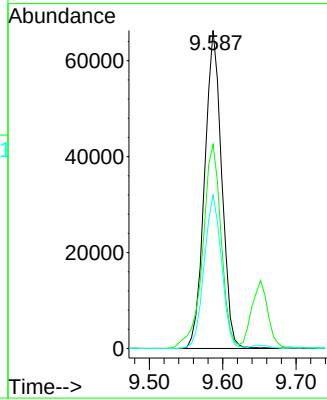
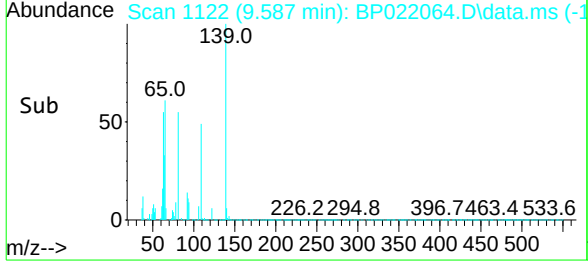
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 64.2  | 47.8  | 71.6  |
| 109     | 48.2  | 35.3  | 52.9  |

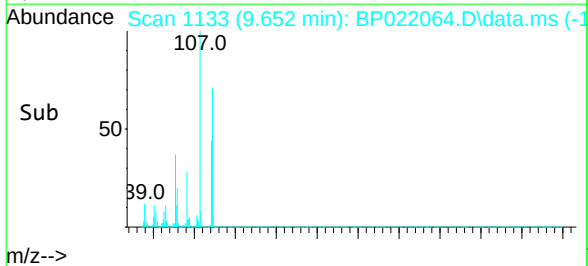
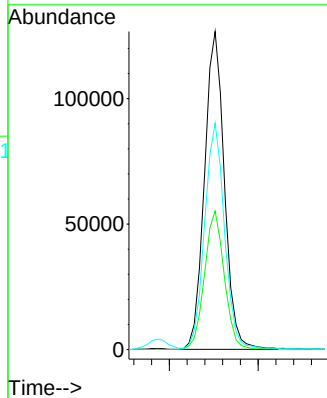
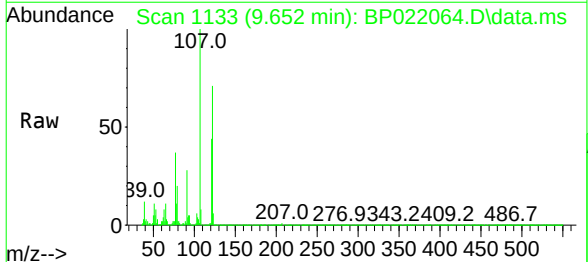
Manual Integrations  
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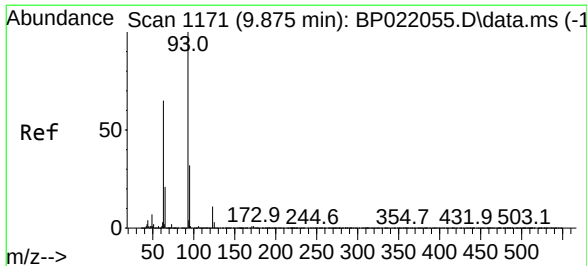
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#26  
2,4-Dimethylphenol  
Concen: 24.379 ng/u1  
RT: 9.652 min Scan# 1133  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 43.6  | 37.0  | 55.4  |
| 122     | 71.2  | 57.6  | 86.4  |





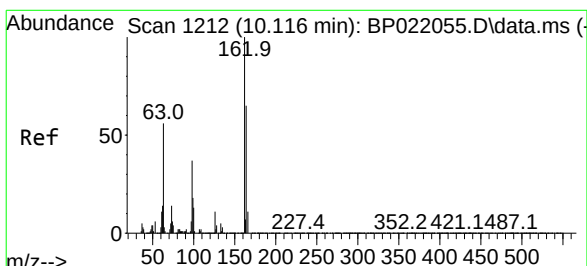
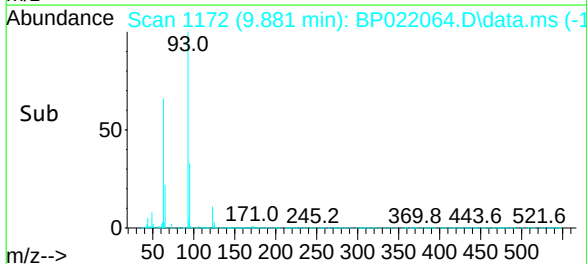
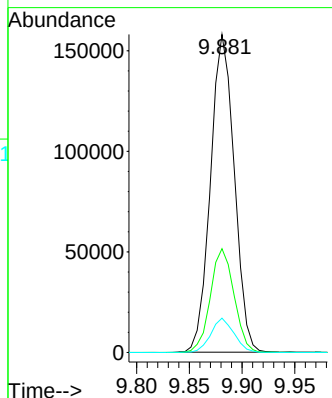
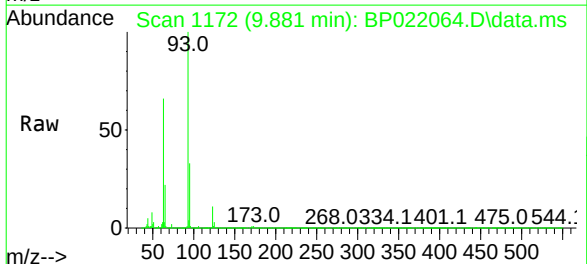
#27  
Bis(2-Chloroethoxy)methane  
Concen: 27.606 ng/u1  
RT: 9.881 min Scan# 1171  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 25.3  | 37.9  |
| 123     | 10.8  | 8.1   | 12.1  |

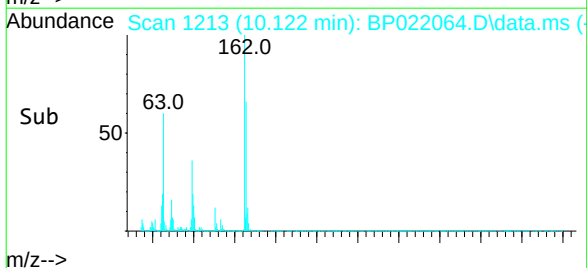
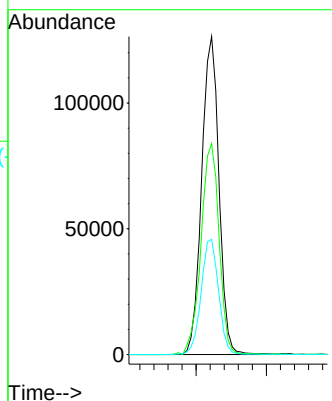
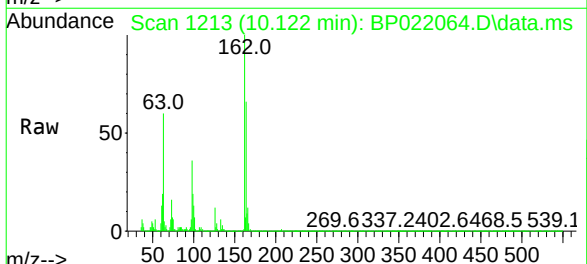
Manual Integrations  
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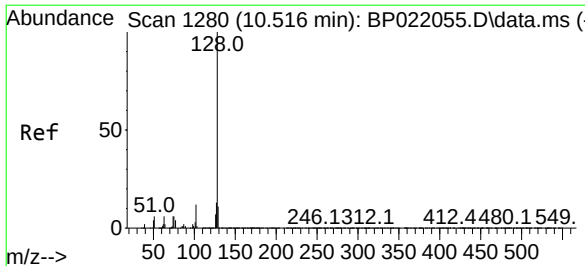
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#29  
2,4-Dichlorophenol  
Concen: 29.968 ng/u1  
RT: 10.122 min Scan# 1213  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.3  | 52.4  | 78.6  |
| 98      | 36.3  | 29.8  | 44.8  |





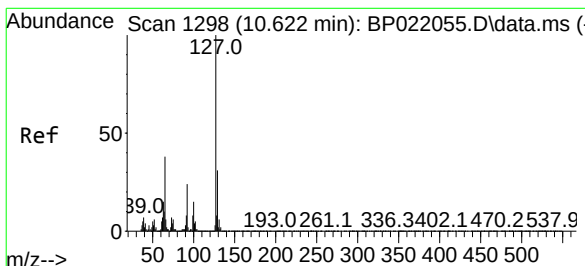
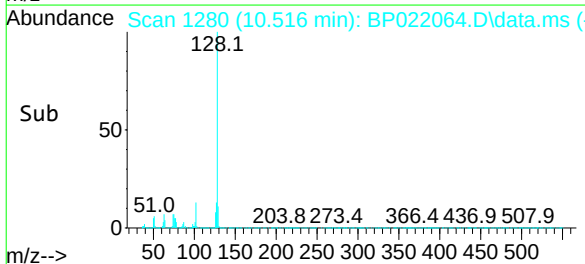
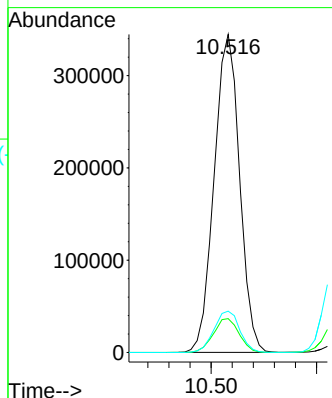
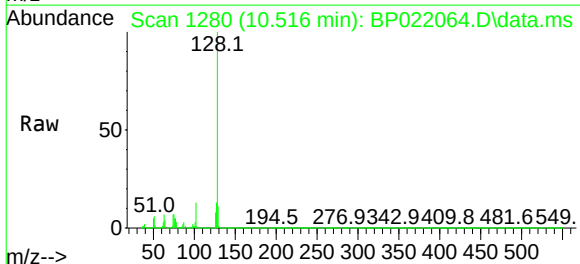
#30  
Naphthalene  
Concen: 27.857 ng/ul  
RT: 10.516 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument : BNA\_P  
Client SampleId : SLCS588

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 576926 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.6  | 8.9   | 13.3   |
| 127       | 13.0  | 10.9  | 16.3   |

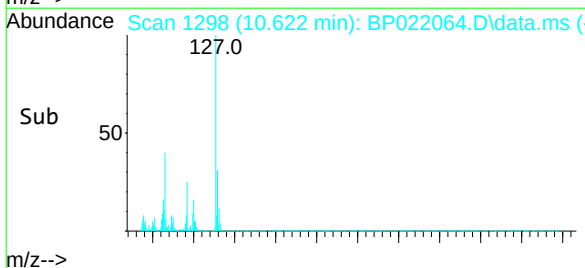
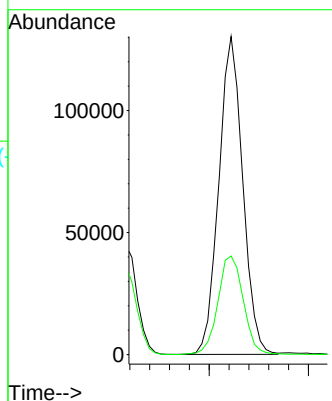
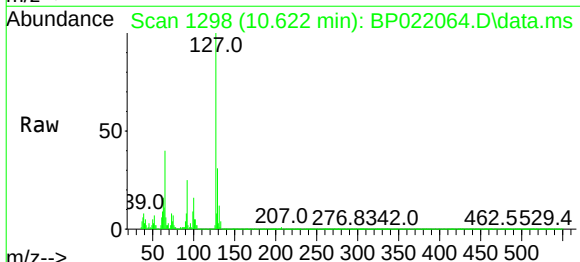
Manual Integrations  
APPROVED

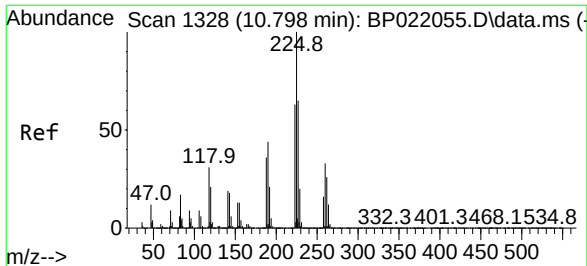
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#32  
4-Chloroaniline  
Concen: 25.456 ng/ul  
RT: 10.622 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

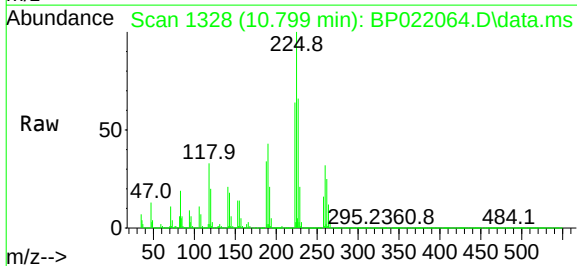
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 218214 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.0  | 25.1  | 37.7   |





#33  
Hexachlorobutadiene  
Concen: 28.594 ng/u1  
RT: 10.799 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

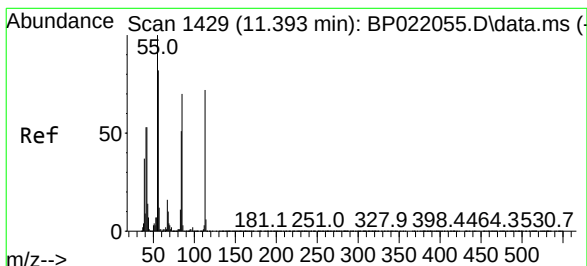
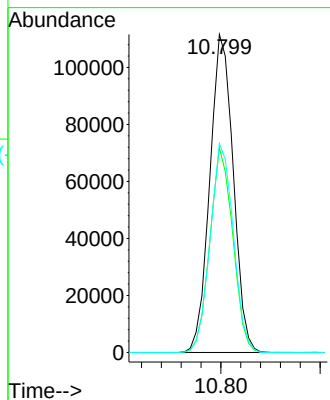
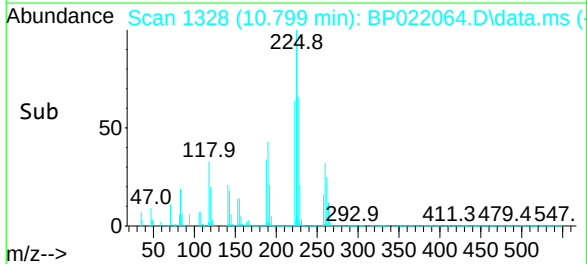
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588



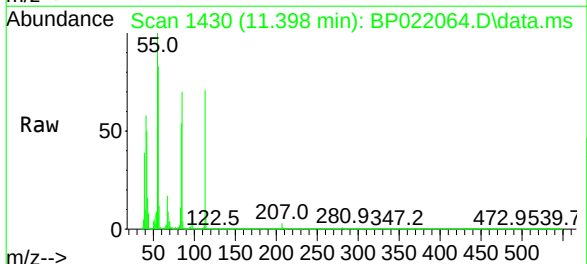
Tgt Ion:225 Resp: 182964  
Ion Ratio Lower Upper  
225 100  
223 64.3 47.1 70.7  
227 65.7 51.6 77.4

Manual Integrations  
APPROVED

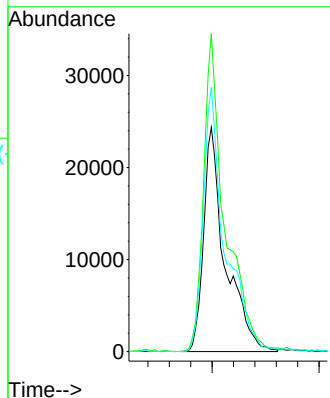
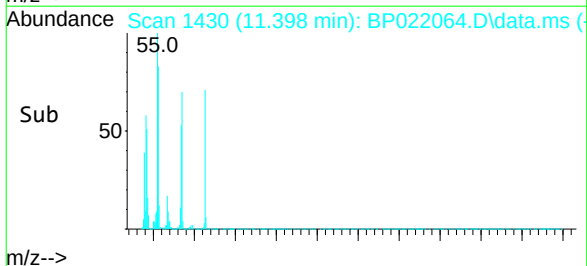
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

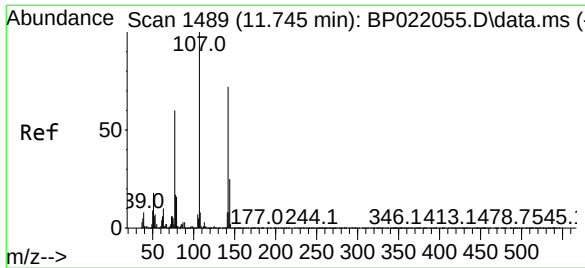


#34  
Caprolactam  
Concen: 31.241 ng/u1 m  
RT: 11.398 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51



Tgt Ion:113 Resp: 68300  
Ion Ratio Lower Upper  
113 100  
55 141.8 108.9 163.3  
56 117.9 101.8 152.8





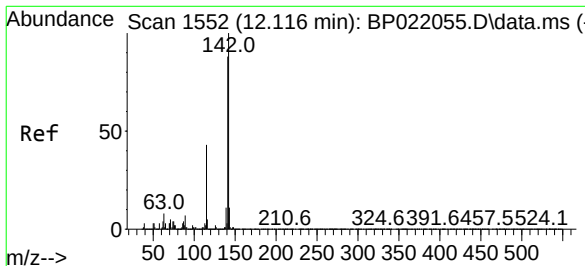
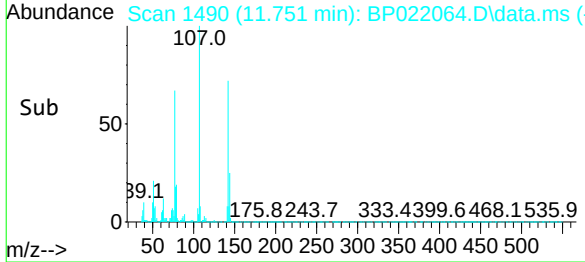
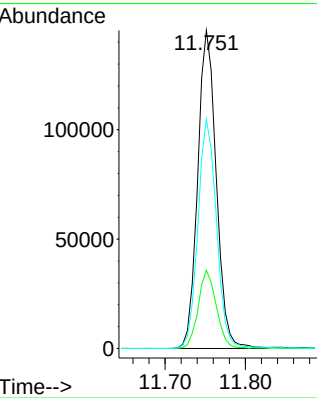
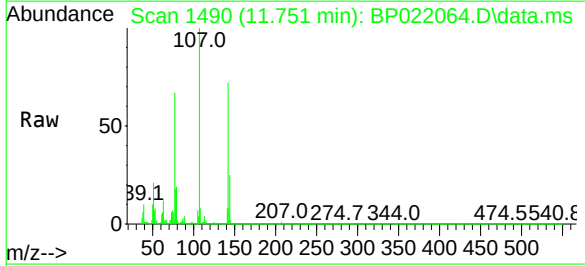
#35  
4-Chloro-3-methylphenol  
Concen: 29.979 ng/ul  
RT: 11.751 min Scan# 1489  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 233745 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 24.6  | 19.9  | 29.9   |
| 142      | 72.1  | 57.4  | 86.0   |

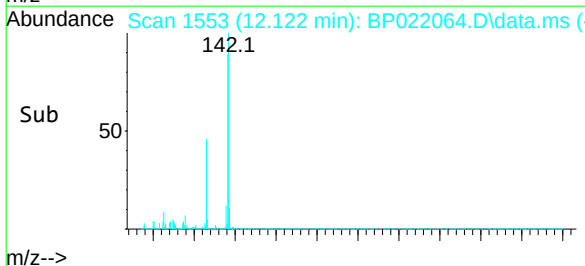
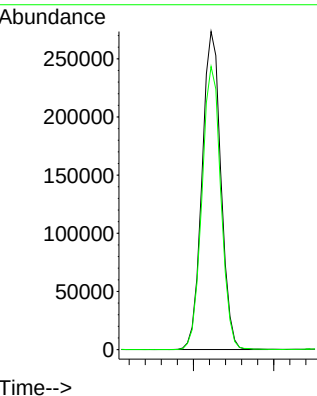
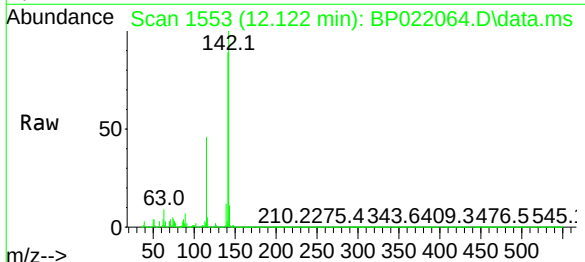
Manual Integrations  
APPROVED

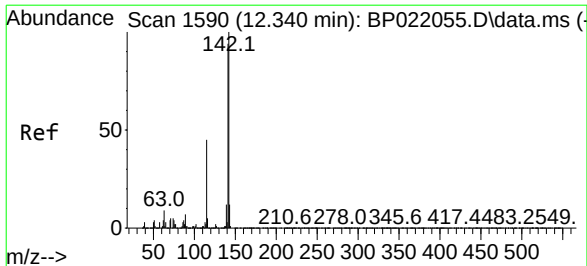
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#36  
2-Methylnaphthalene  
Concen: 28.956 ng/ul  
RT: 12.122 min Scan# 1553  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 445664 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 89.0  | 72.6  | 109.0  |





#37

1-Methylnaphthalene

Concen: 28.860 ng/ul

RT: 12.345 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

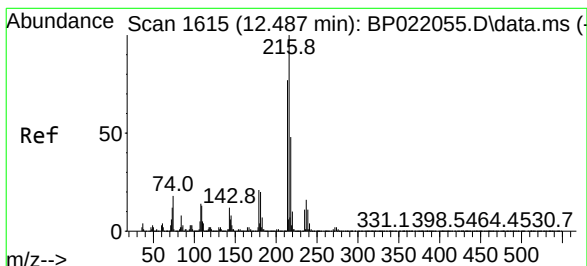
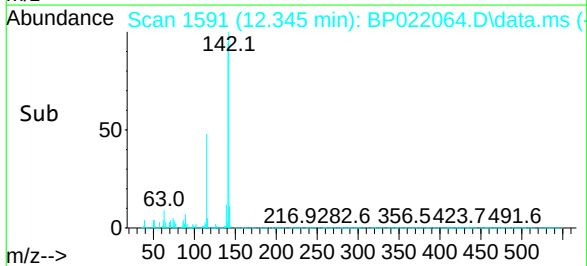
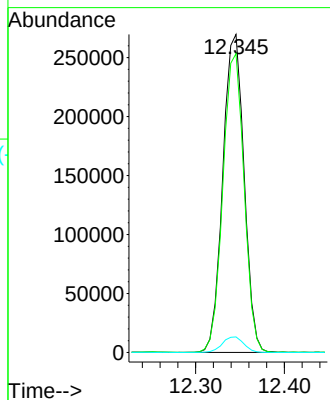
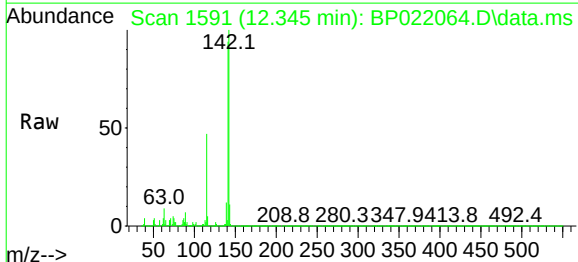
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 447977 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 93.9  | 74.6  | 111.8  |
| 116      | 4.9   | 3.9   | 5.9    |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.716 ng/ul

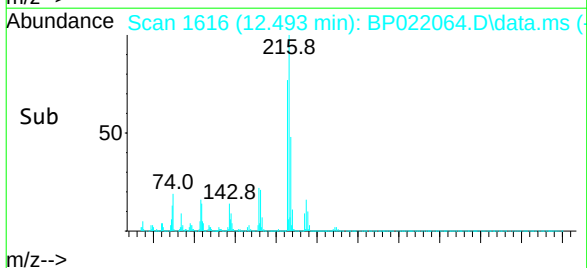
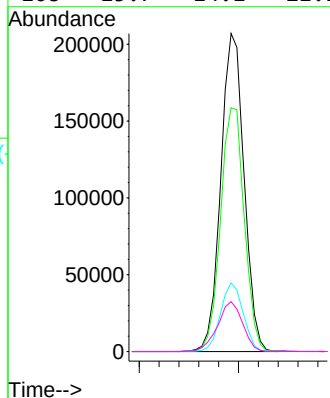
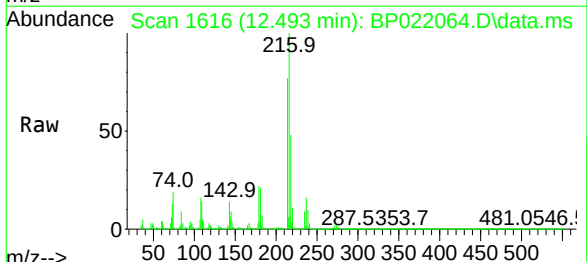
RT: 12.493 min Scan# 1616

Delta R.T. -0.006 min

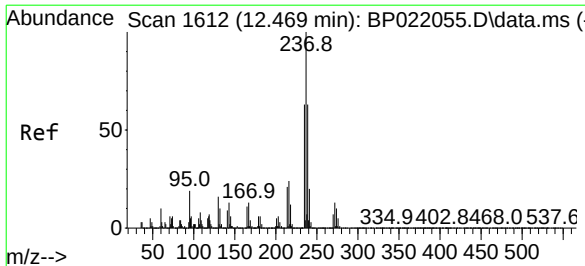
Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 337050 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 76.7  | 62.8  | 94.2   |
| 179      | 21.6  | 17.9  | 26.9   |
| 108      | 15.7  | 14.1  | 21.1   |







#40

Hexachlorocyclopentadiene

Concen: 24.304 ng/ul

RT: 12.475 min Scan# 1612

Delta R.T. -0.012 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

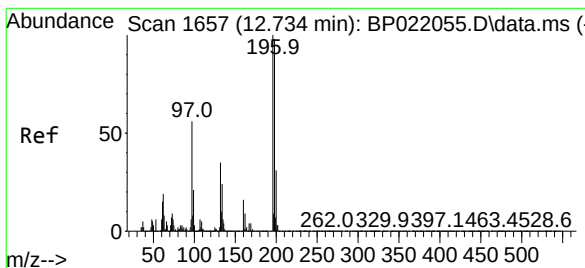
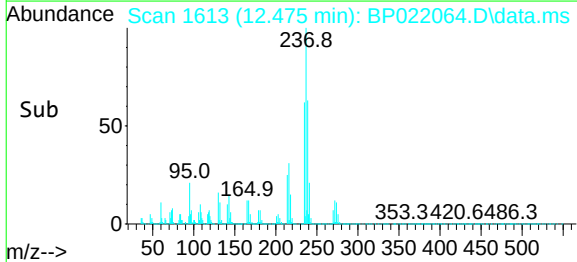
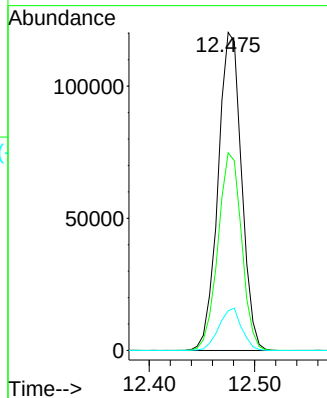
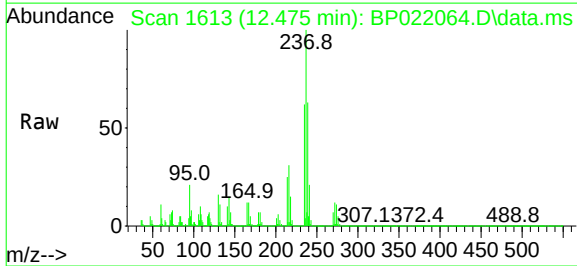
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 185907 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.2  | 51.8  | 77.6   |
| 272       | 13.3  | 10.5  | 15.7   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#41

2,4,6-Trichlorophenol

Concen: 29.061 ng/ul

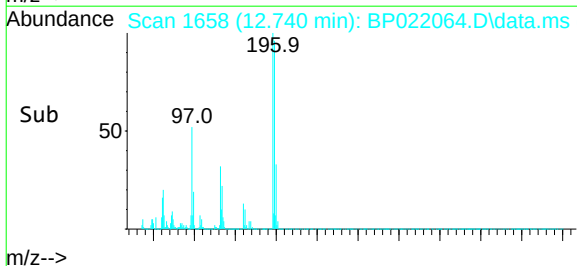
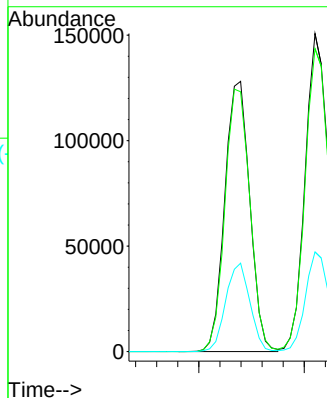
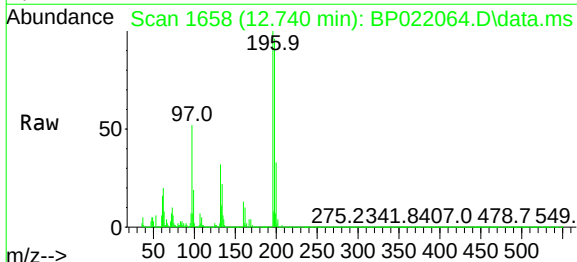
RT: 12.740 min Scan# 1658

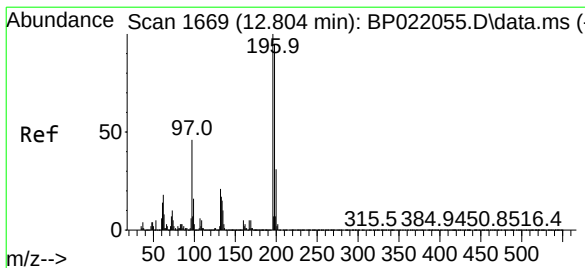
Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 211270 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.2  | 77.6  | 116.4  |
| 200       | 32.7  | 24.2  | 36.4   |





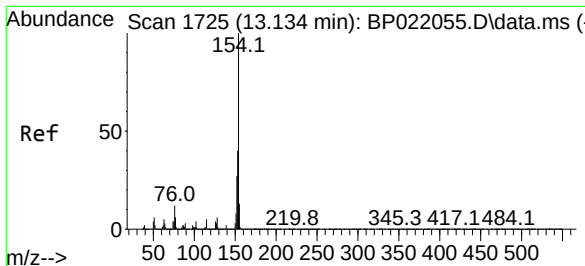
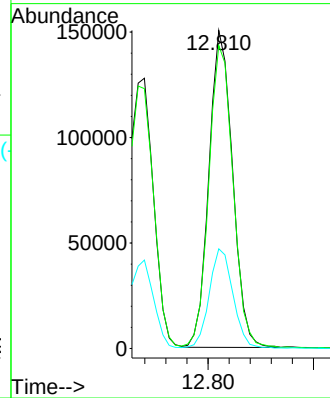
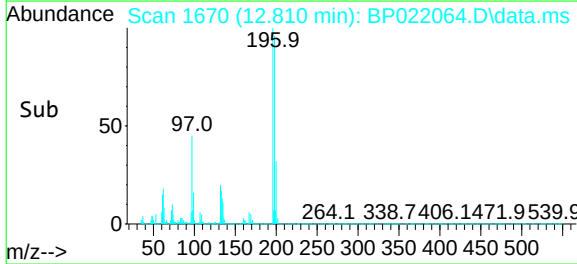
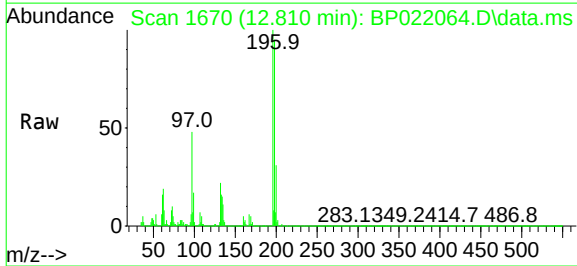
#42  
2,4,5-Trichlorophenol  
Concen: 29.729 ng/ul  
RT: 12.810 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument : BNA\_P  
ClientSampleId : SLCS588

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 234040 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.2  | 78.2  | 117.2  |
| 200       | 31.3  | 26.1  | 39.1   |

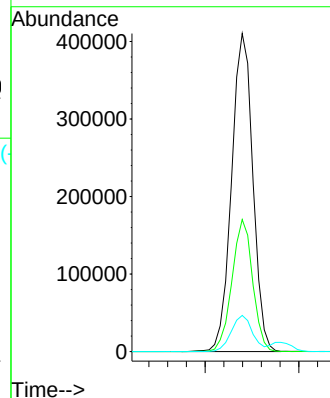
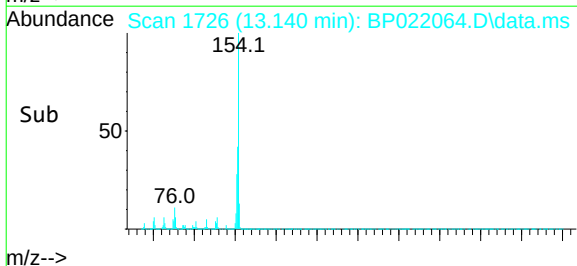
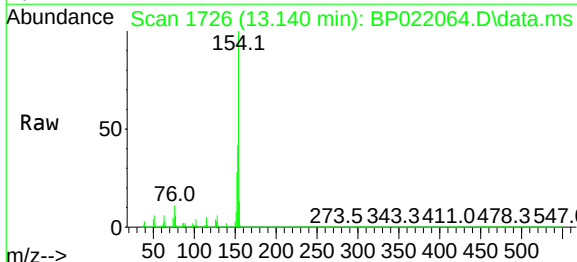
Manual Integrations  
APPROVED

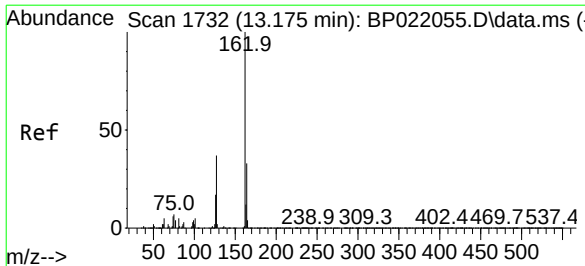
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#43  
1,1'-Biphenyl  
Concen: 27.598 ng/ul  
RT: 13.140 min Scan# 1726  
Delta R.T. -0.012 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 647316 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.5  | 32.6  | 49.0   |
| 76        | 11.4  | 10.1  | 15.1   |





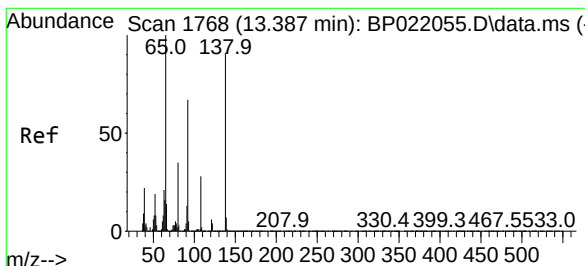
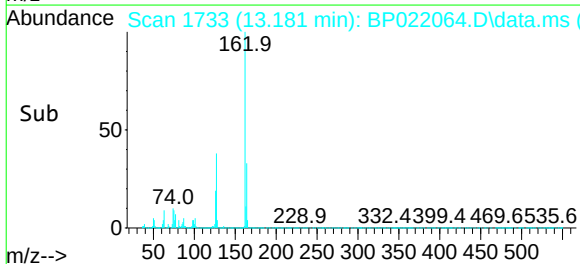
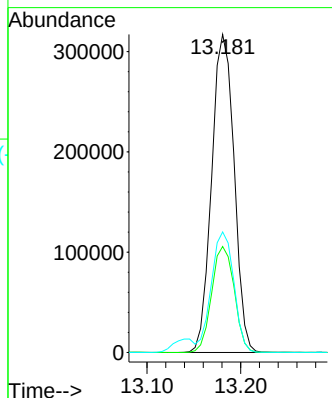
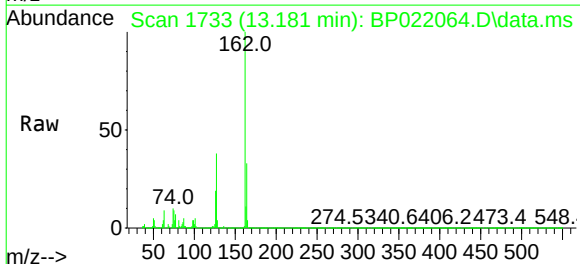
#44  
2-Chloronaphthalene  
Concen: 27.970 ng/ul  
RT: 13.181 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 162   | Resp: | 528218 |
| Ion | Ratio | Lower | Upper |        |
| 162 | 100   |       |       |        |
| 164 | 33.3  | 26.2  | 39.2  |        |
| 127 | 37.9  | 30.8  | 46.2  |        |

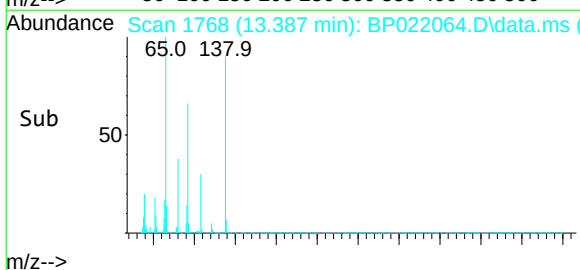
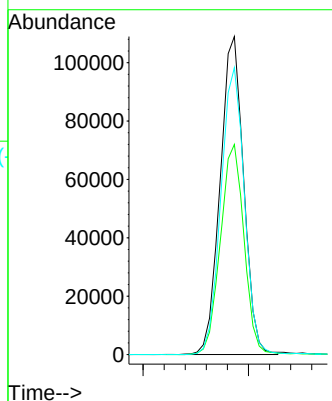
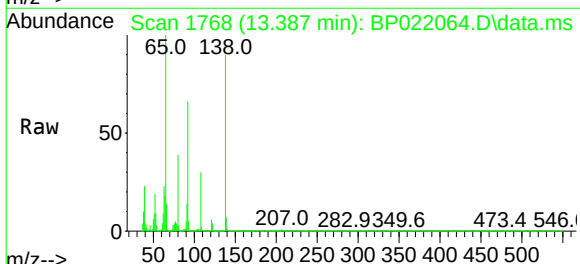
Manual Integrations  
APPROVED

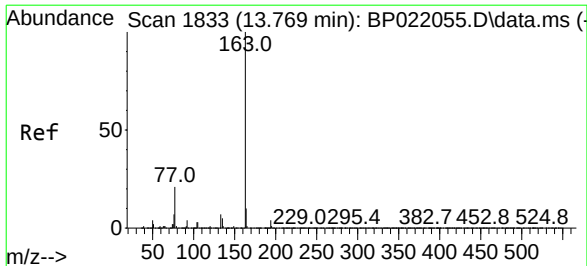
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#45  
2-Nitroaniline  
Concen: 30.881 ng/ul  
RT: 13.387 min Scan# 1768  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 65    | Resp: | 168631 |
| Ion | Ratio | Lower | Upper |        |
| 65  | 100   |       |       |        |
| 92  | 66.1  | 53.2  | 79.8  |        |
| 138 | 90.2  | 69.8  | 104.8 |        |





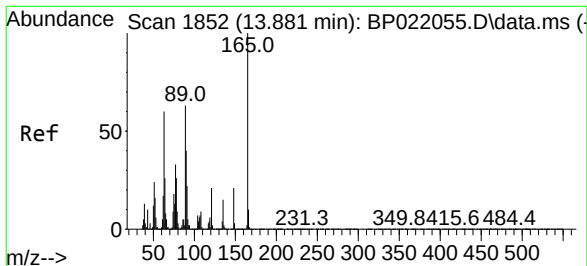
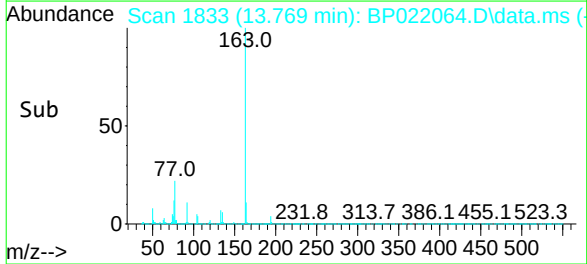
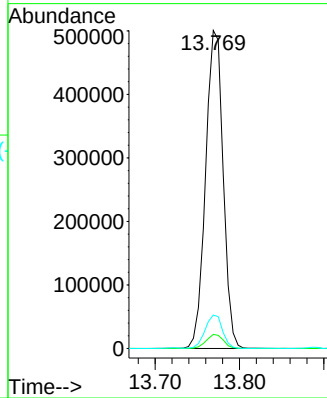
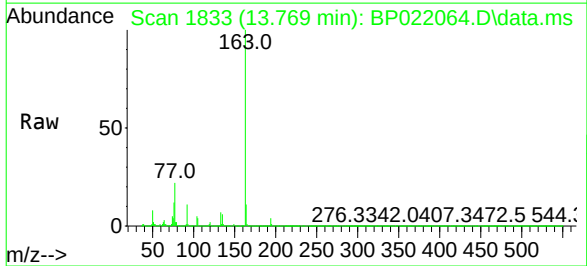
#47  
Dimethylphthalate  
Concen: 28.421 ng/u1  
RT: 13.769 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument : BNA\_P  
ClientSampleId : SLCS588

Tgt Ion:163 Resp: 723782  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.5 7.9 11.9

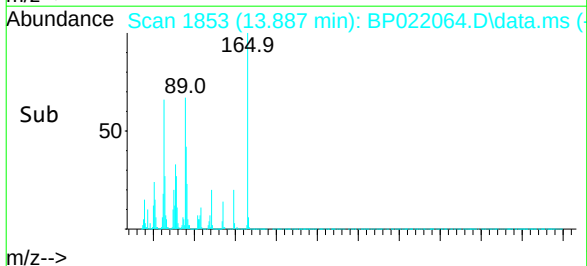
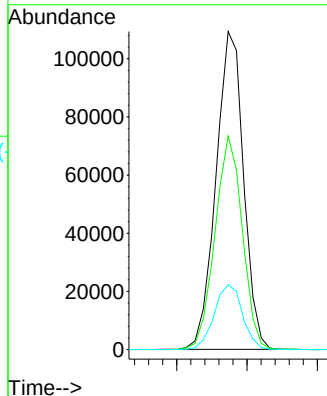
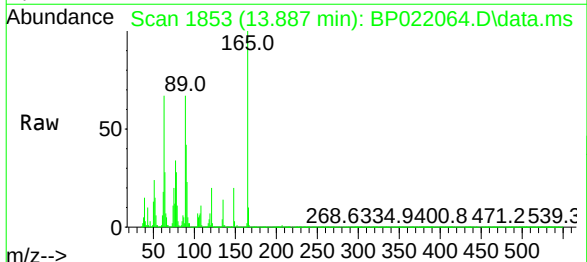
Manual Integrations  
APPROVED

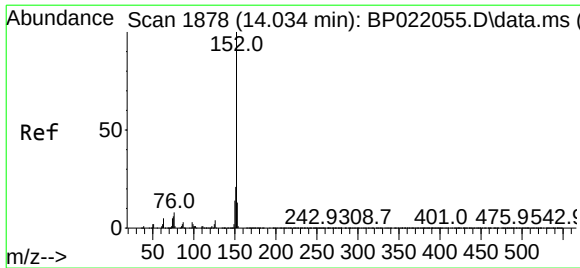
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#48  
2,6-Dinitrotoluene  
Concen: 30.537 ng/u1  
RT: 13.887 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Tgt Ion:165 Resp: 149083  
Ion Ratio Lower Upper  
165 100  
89 67.2 50.9 76.3  
121 20.4 16.1 24.1





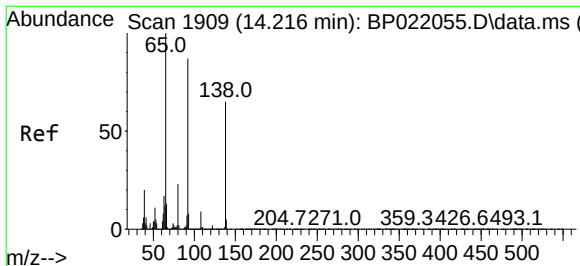
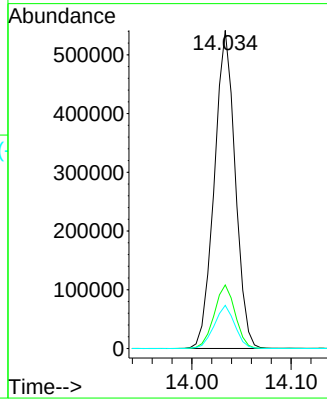
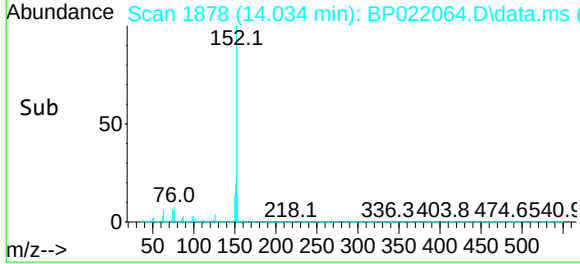
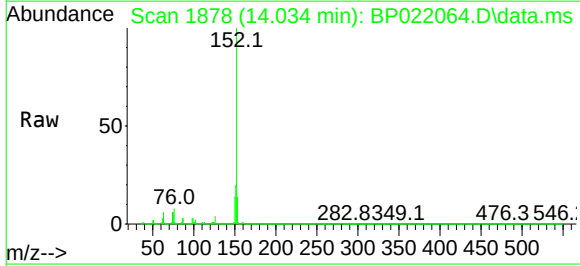
#50  
Acenaphthylene  
Concen: 28.267 ng/ul  
RT: 14.034 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 791322 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.0  | 15.6  | 23.4   |
| 153       | 13.6  | 10.6  | 15.8   |

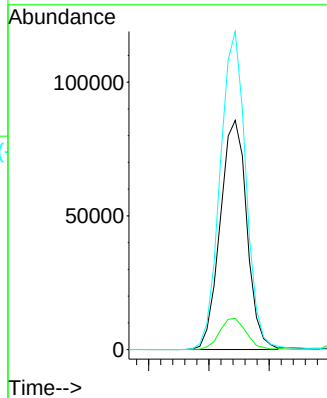
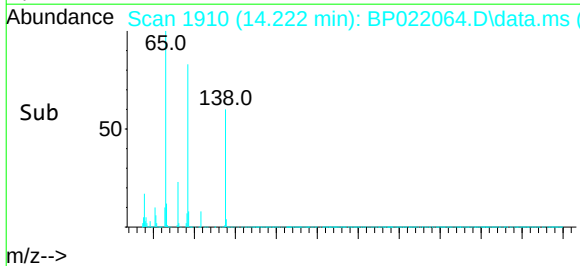
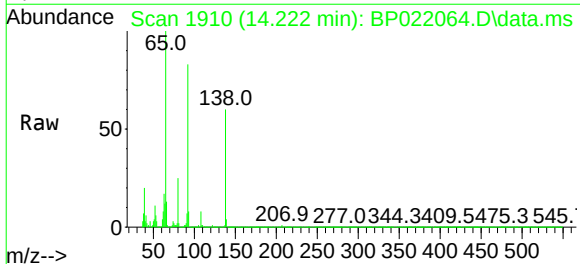
Manual Integrations  
APPROVED

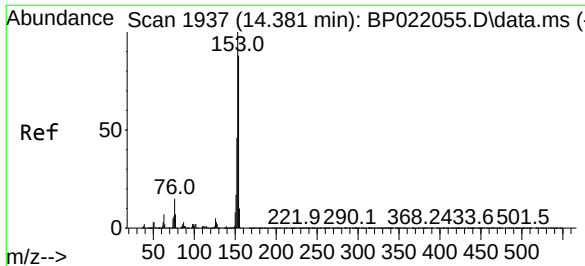
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#51  
3-Nitroaniline  
Concen: 29.689 ng/ul  
RT: 14.222 min Scan# 1910  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 131960 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 13.6  | 10.6  | 16.0   |
| 92        | 138.7 | 107.2 | 160.8  |





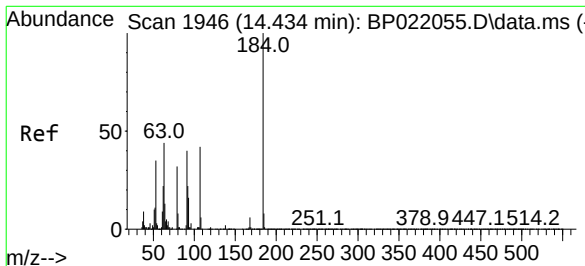
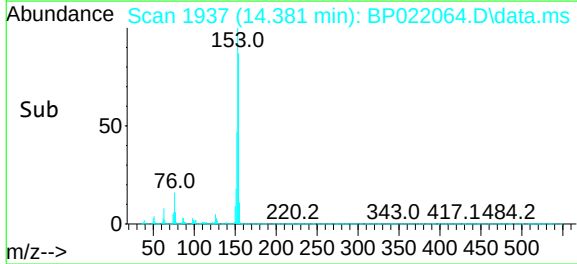
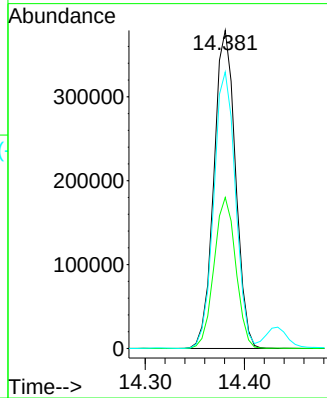
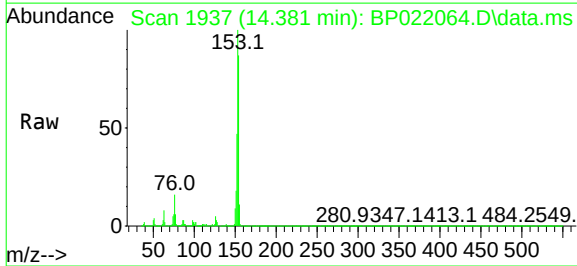
#52  
Acenaphthene  
Concen: 28.210 ng/u1  
RT: 14.381 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 47.5  | 37.1  | 55.7  |
| 154     | 87.0  | 67.4  | 101.0 |

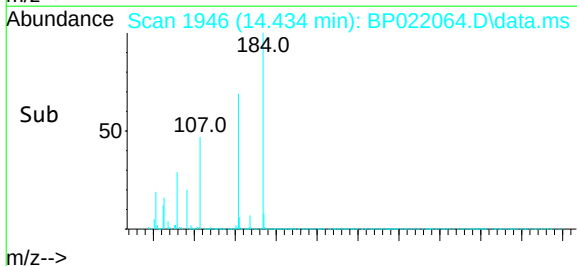
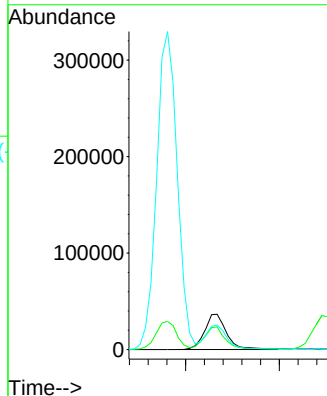
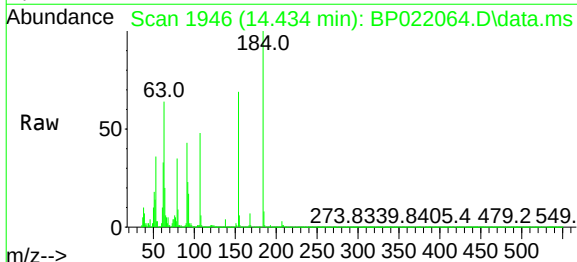
Manual Integrations  
APPROVED

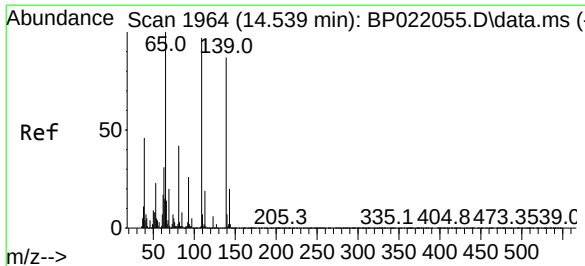
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#53  
2,4-Dinitrophenol  
Concen: 17.978 ng/u1  
RT: 14.434 min Scan# 1946  
Delta R.T. 0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 64.5  | 44.7  | 67.1  |
| 154     | 69.5  | 55.0  | 82.6  |





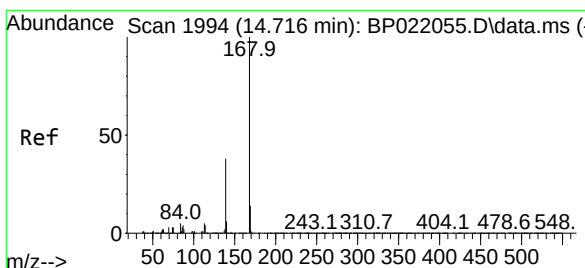
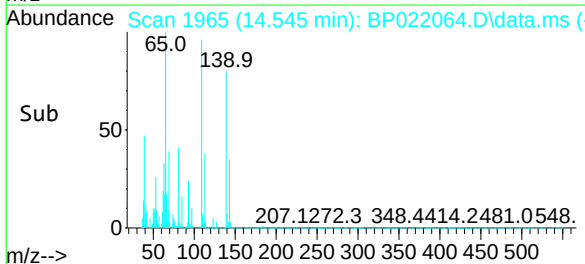
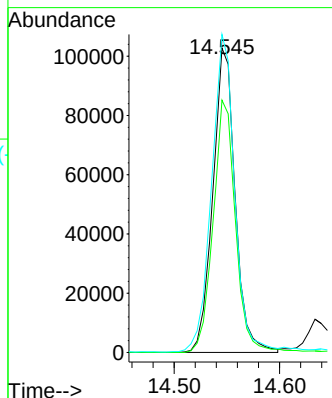
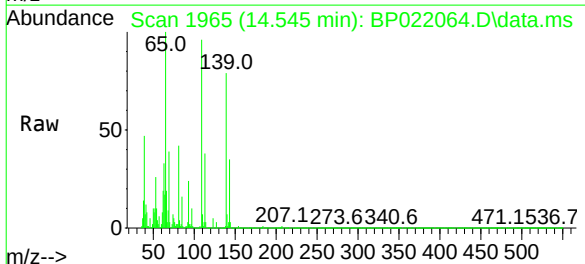
#55  
4-Nitrophenol  
Concen: 30.819 ng/u1  
RT: 14.545 min Scan# 1964  
Delta R.T. 0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

Tgt Ion:109 Resp: 151217  
Ion Ratio Lower Upper  
109 100  
139 82.9 76.8 115.2  
65 104.5 90.8 136.2

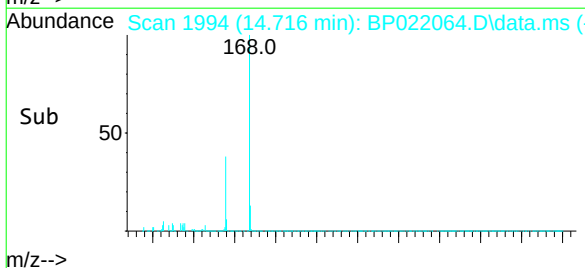
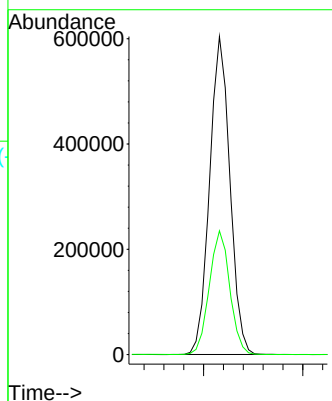
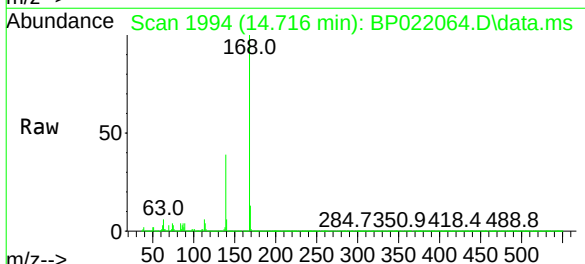
Manual Integrations  
APPROVED

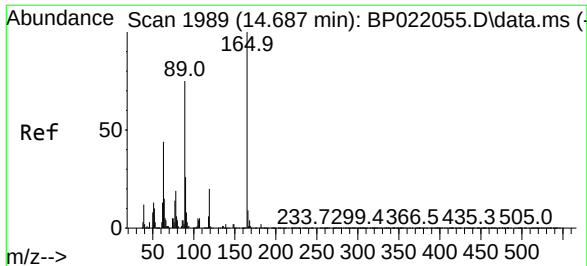
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#56  
Dibenzofuran  
Concen: 28.442 ng/u1  
RT: 14.716 min Scan# 1994  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

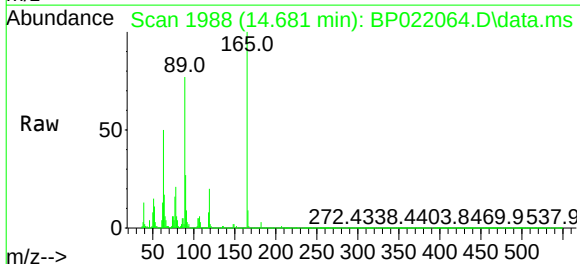
Tgt Ion:168 Resp: 860115  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.0 46.6





#57  
2,4-Dinitrotoluene  
Concen: 31.224 ng/ul  
RT: 14.681 min Scan# 1989  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

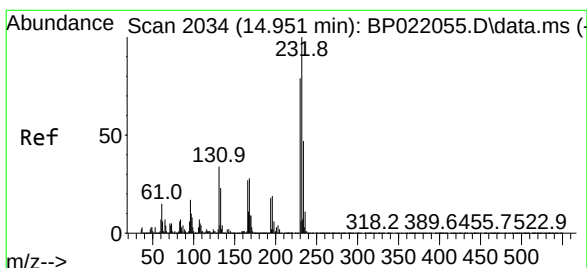
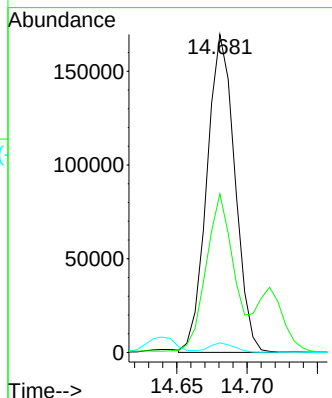
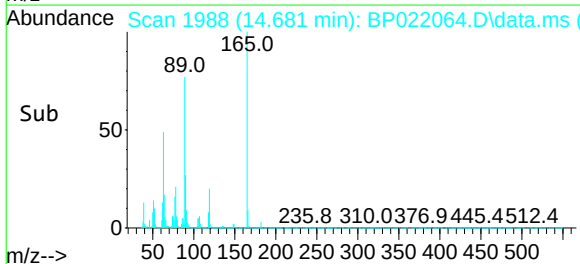
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588



Tgt Ion:165 Resp: 234915  
Ion Ratio Lower Upper  
165 100  
63 49.9 38.6 57.8  
182 3.1 2.6 4.0

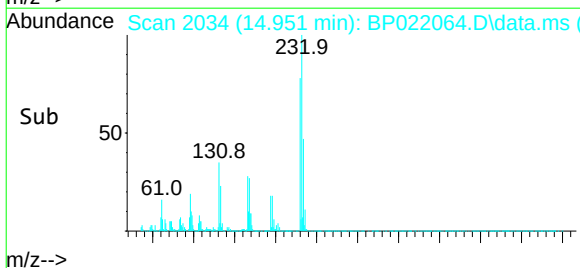
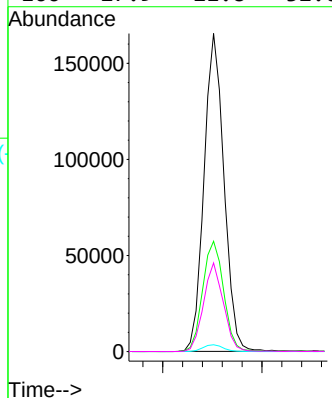
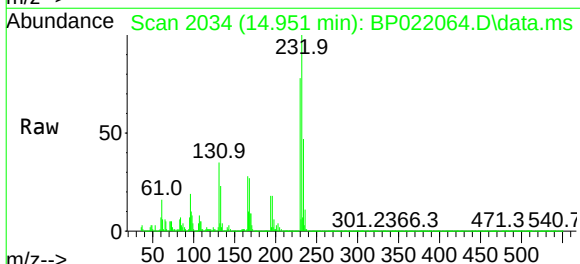
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

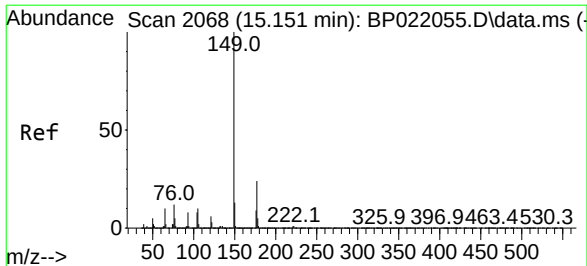


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 30.525 ng/ul  
RT: 14.951 min Scan# 2034  
Delta R.T. -0.012 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Tgt Ion:232 Resp: 231311  
Ion Ratio Lower Upper  
232 100  
131 34.7 28.2 42.2  
130 2.1 1.8 2.6  
166 27.9 21.8 32.6







#59

Diethylphthalate

Concen: 29.629 ng/u1

RT: 15.163 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

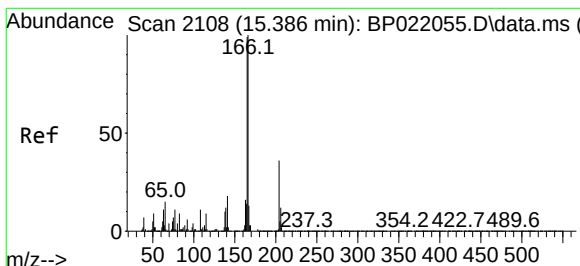
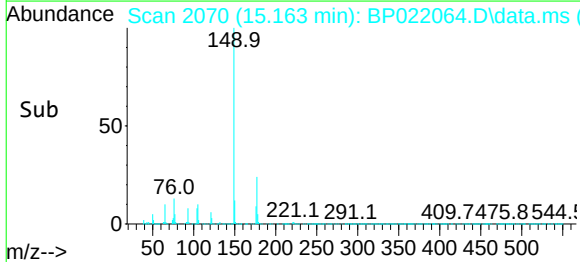
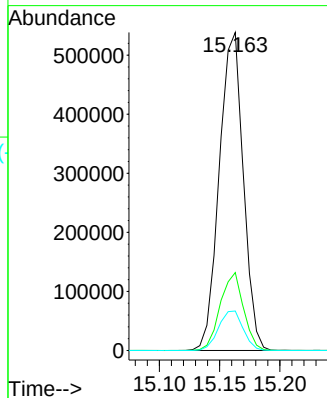
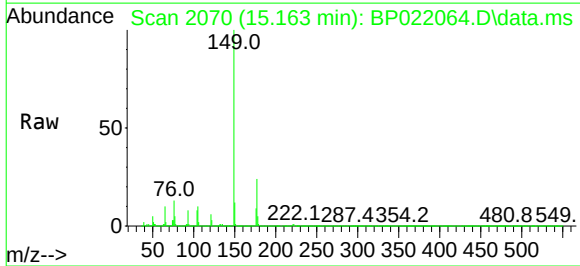
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 746758 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.5  | 18.6  | 27.8   |
| 150       | 12.4  | 9.8   | 14.6   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#61

Fluorene

Concen: 29.205 ng/u1

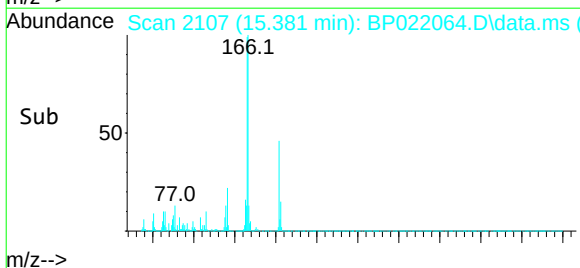
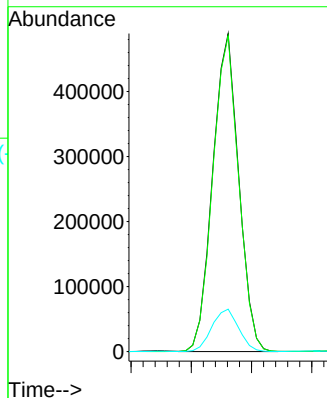
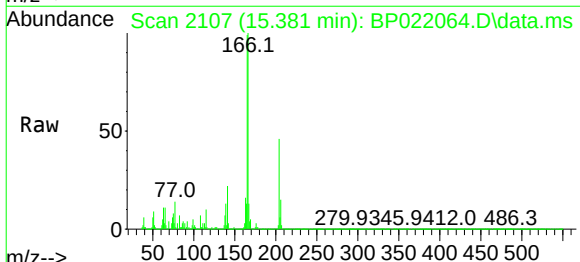
RT: 15.381 min Scan# 2107

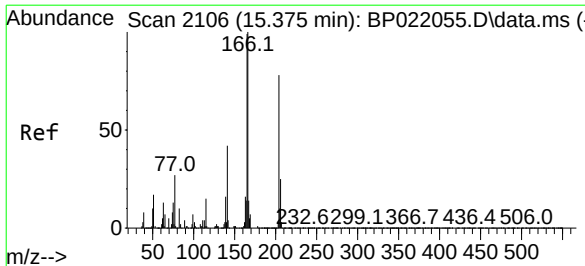
Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 734470 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.3  | 77.9  | 116.9  |
| 167       | 13.3  | 10.5  | 15.7   |





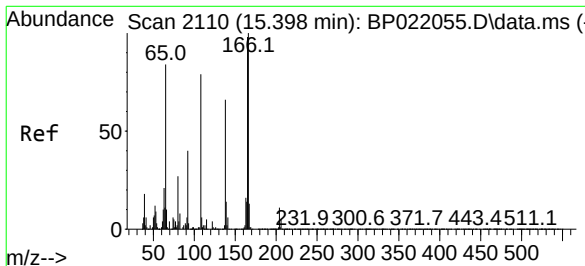
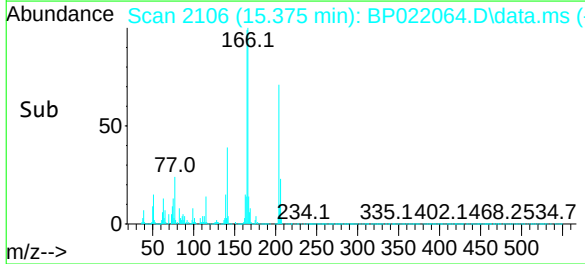
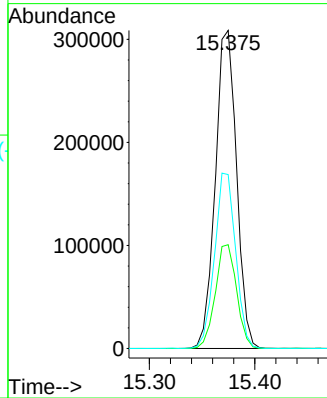
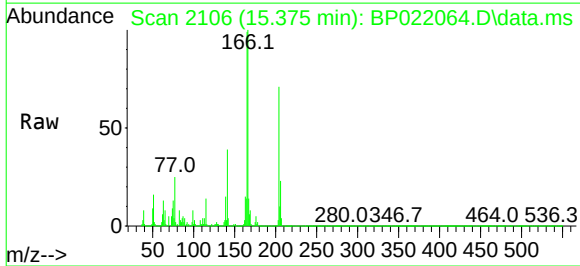
#62  
4-Chlorophenyl-phenylether  
Concen: 29.852 ng/ul  
RT: 15.375 min Scan# 2106  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument : BNA\_P  
ClientSampleId : SLCS588

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 432226 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.6  | 26.7  | 40.1   |
| 141       | 54.7  | 42.6  | 64.0   |

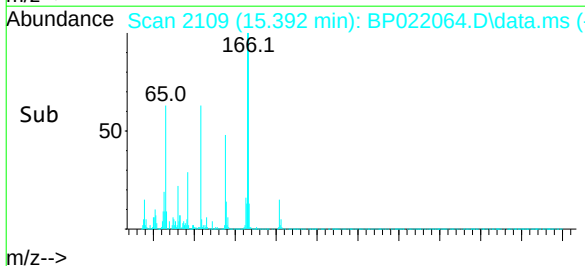
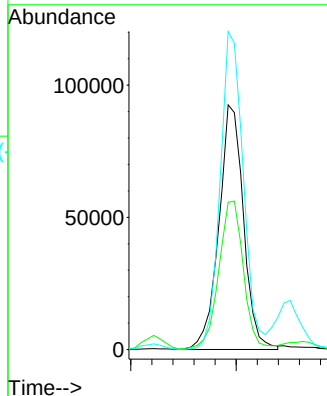
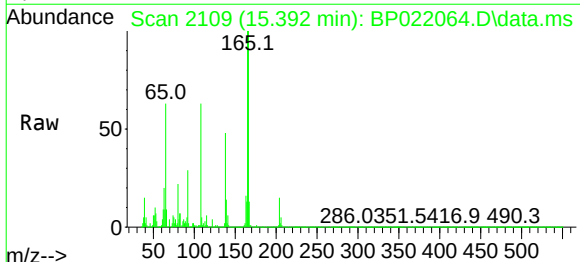
Manual Integrations  
APPROVED

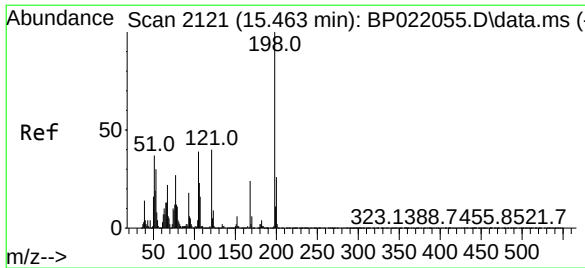
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#63  
4-Nitroaniline  
Concen: 33.183 ng/ul  
RT: 15.392 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

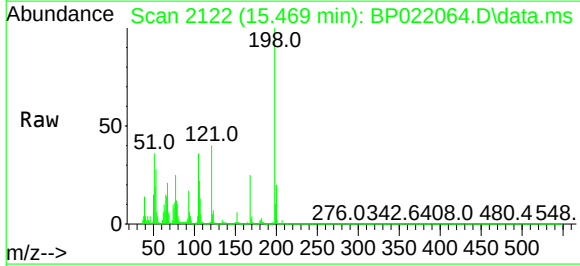
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 150115 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 60.2  | 48.4  | 72.6   |
| 108       | 130.0 | 95.7  | 143.5  |





#66  
4,6-Dinitro-2-methylphenol  
Concen: 24.962 ng/ul  
RT: 15.469 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

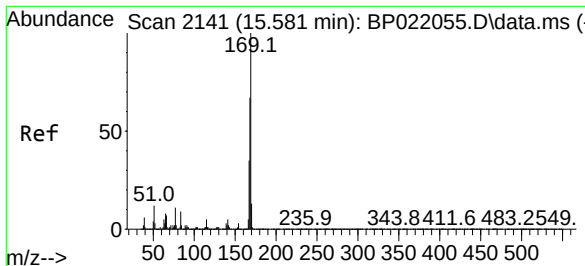
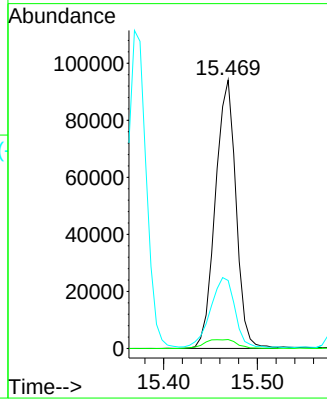
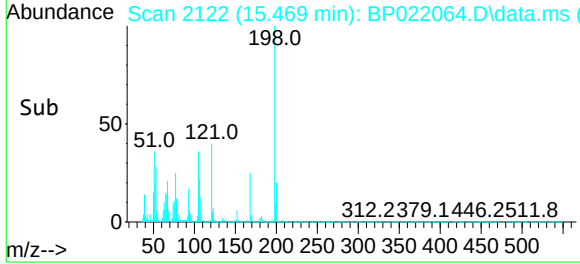
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588



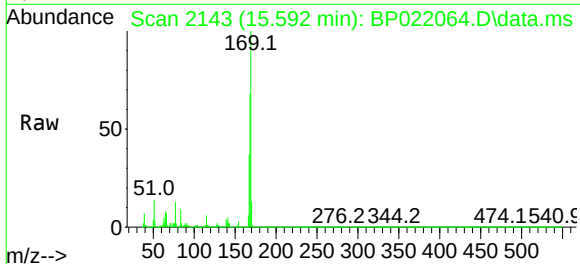
Tgt Ion:198 Resp: 143733  
Ion Ratio Lower Upper  
198 100  
182 3.3 3.4 5.2#  
77 25.3 19.8 29.8

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APPROVED

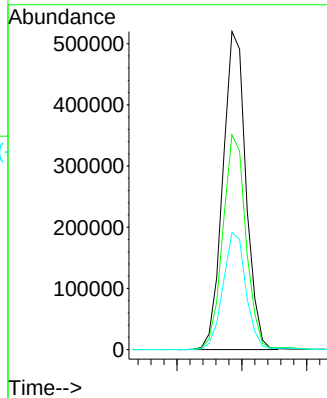
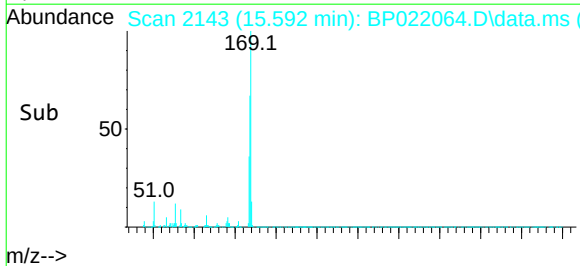
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

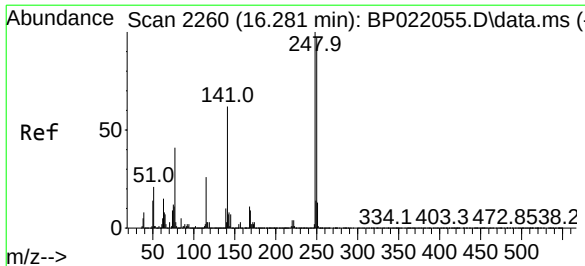


#67  
N-Nitrosodiphenylamine  
Concen: 28.566 ng/ul  
RT: 15.592 min Scan# 2143  
Delta R.T. -0.012 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51



Tgt Ion:169 Resp: 640954  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.1 81.1  
167 36.8 28.7 43.1





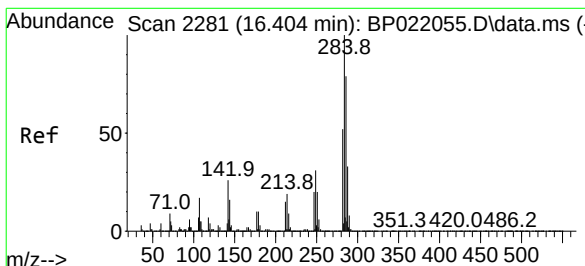
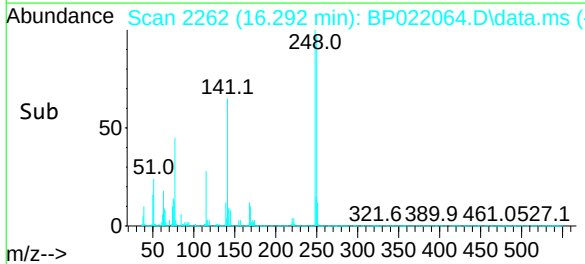
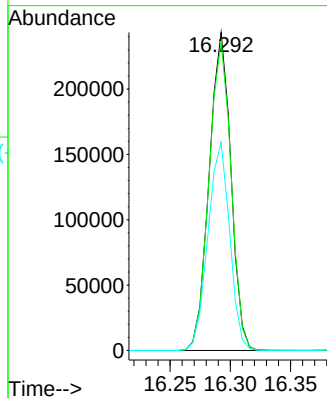
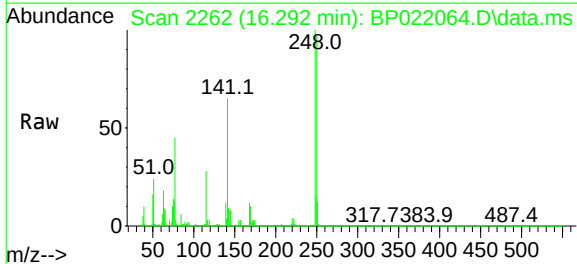
#68  
4-Bromophenyl-phenylether  
Concen: 29.792 ng/u1  
RT: 16.292 min Scan# 2260  
Delta R.T. -0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

Tgt Ion:248 Resp: 304786  
Ion Ratio Lower Upper  
248 100  
250 97.1 78.4 117.6  
141 65.4 51.4 77.0

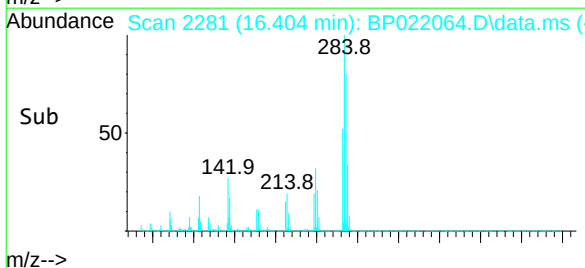
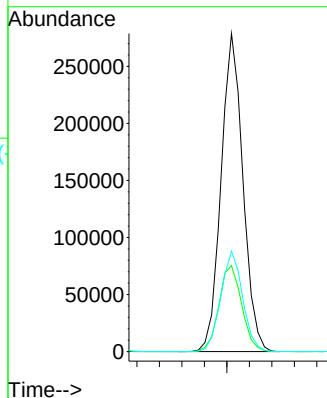
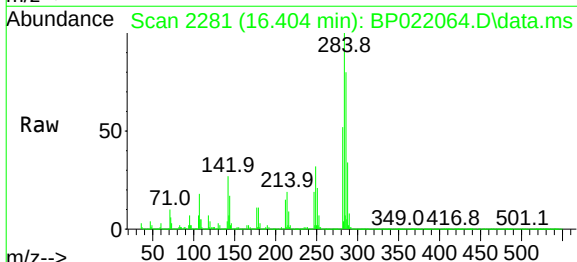
Manual Integrations  
APPROVED

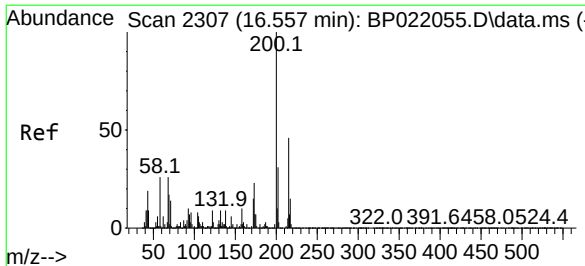
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#69  
Hexachlorobenzene  
Concen: 30.231 ng/u1  
RT: 16.404 min Scan# 2281  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Tgt Ion:284 Resp: 375534  
Ion Ratio Lower Upper  
284 100  
142 27.0 23.4 35.0  
249 31.6 25.4 38.0





#70

Atrazine

Concen: 25.990 ng/u1

RT: 16.575 min Scan# 2307

Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

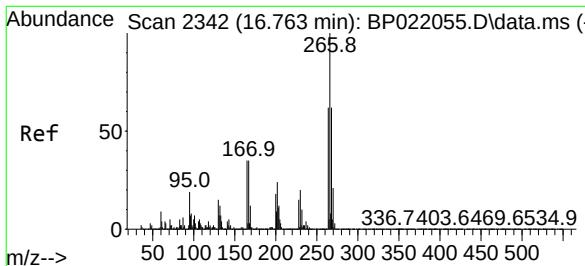
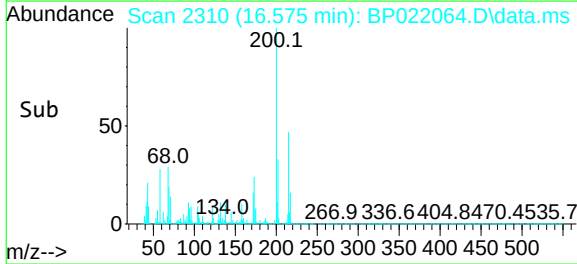
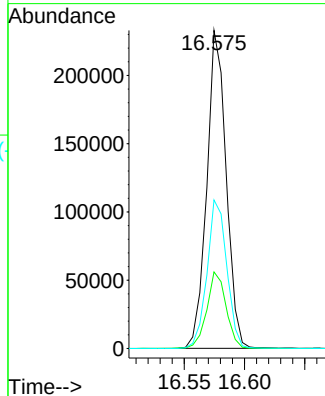
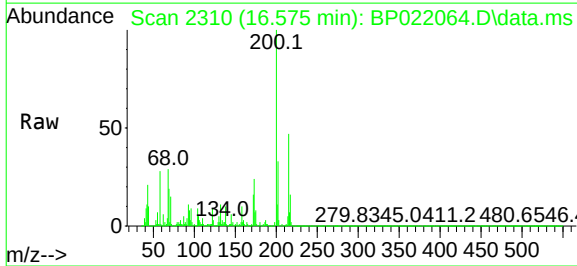
|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 200   | Resp: | 260145 |
| Ion | Ratio | Lower | Upper |        |
| 200 | 100   |       |       |        |
| 173 | 24.1  | 19.0  | 28.6  |        |
| 215 | 46.7  | 38.2  | 57.2  |        |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#71

Pentachlorophenol

Concen: 25.242 ng/u1

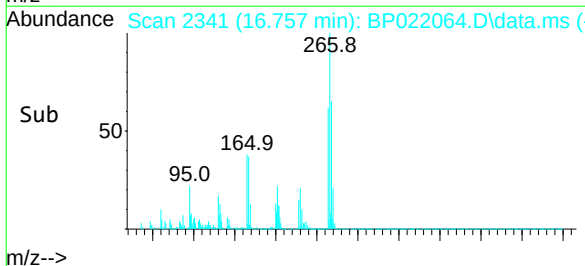
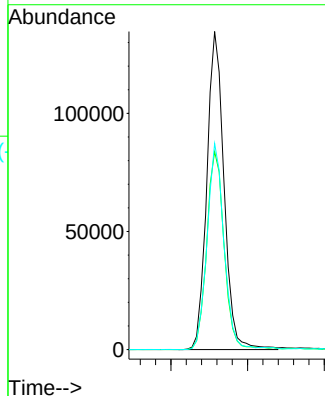
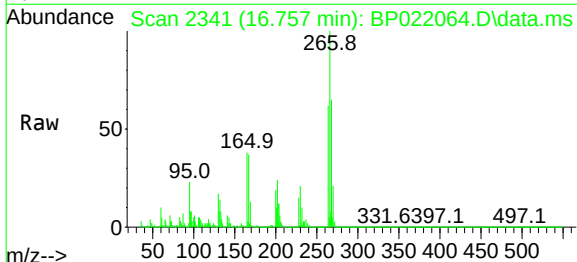
RT: 16.757 min Scan# 2341

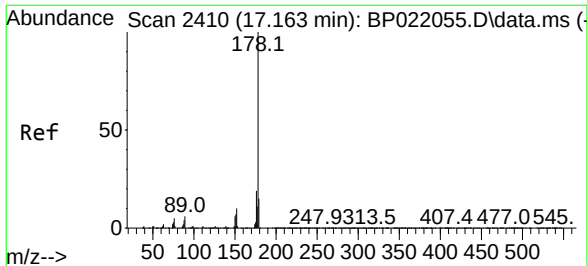
Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 266   | Resp: | 209202 |
| Ion | Ratio | Lower | Upper |        |
| 266 | 100   |       |       |        |
| 264 | 62.2  | 50.2  | 75.4  |        |
| 268 | 64.8  | 51.4  | 77.0  |        |





#72

Phenanthrene

Concen: 29.104 ng/u1

RT: 17.163 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

Tgt Ion:178 Resp: 1299998

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

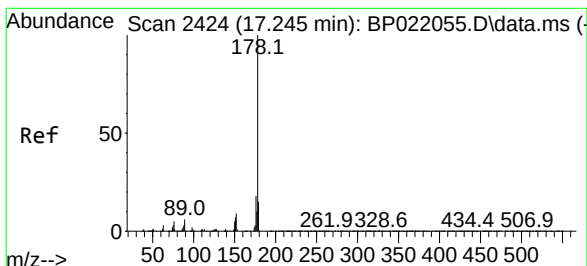
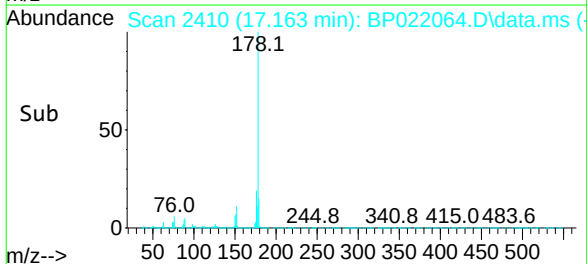
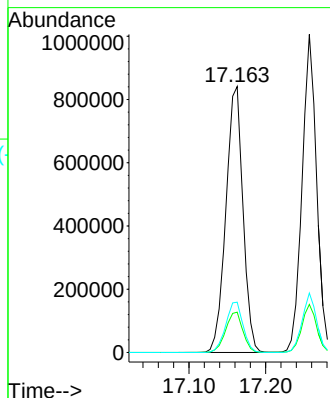
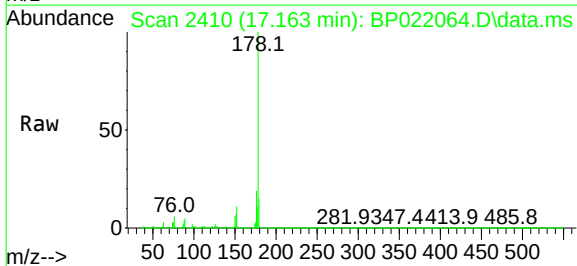
176 18.9 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#74

Anthracene

Concen: 29.151 ng/u1

RT: 17.257 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

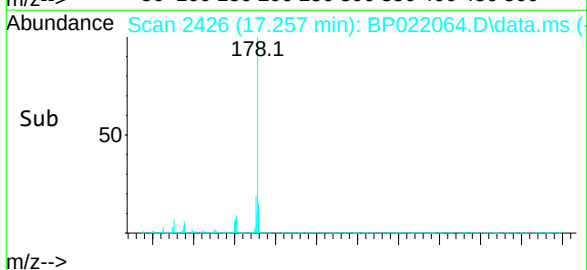
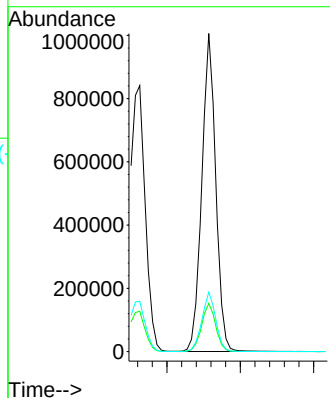
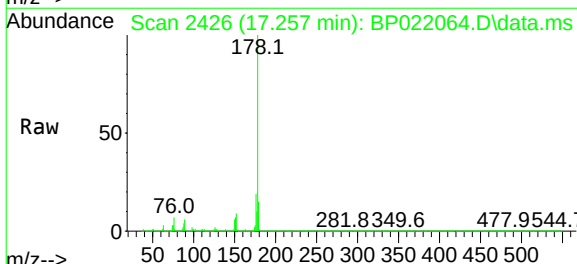
Tgt Ion:178 Resp: 1325034

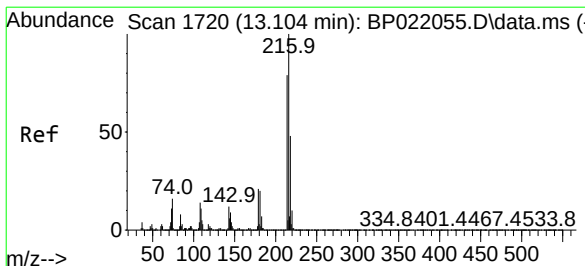
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.7 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.441 ng/uL

RT: 13.104 min Scan# 1720

Delta R.T. -0.012 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

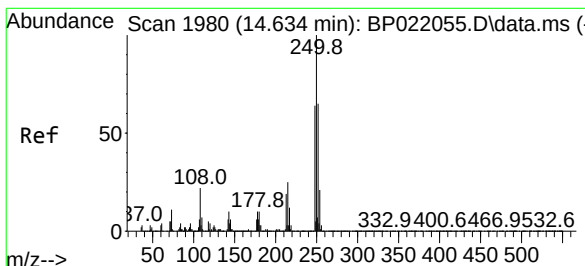
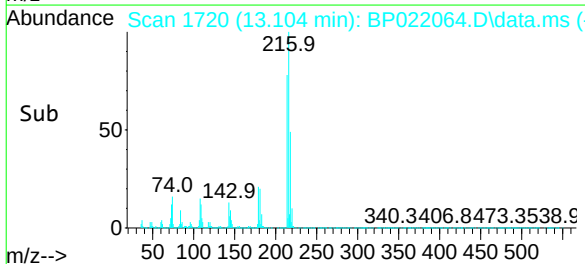
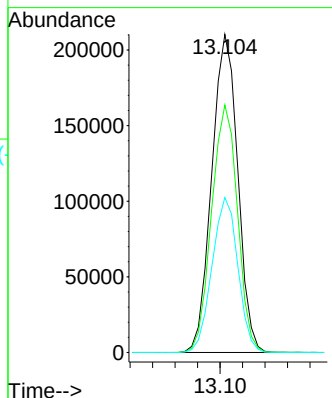
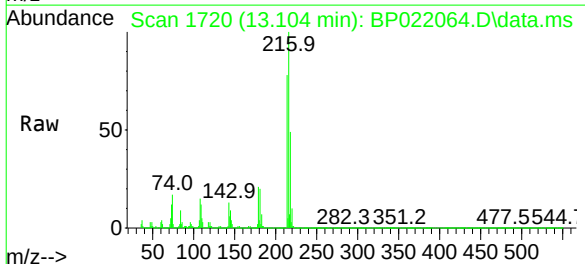
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 338011 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.8  | 60.6  | 90.8   |
| 218       | 48.7  | 38.1  | 57.1   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#76

Pentachlorobenzene

Concen: 27.150 ng/uL

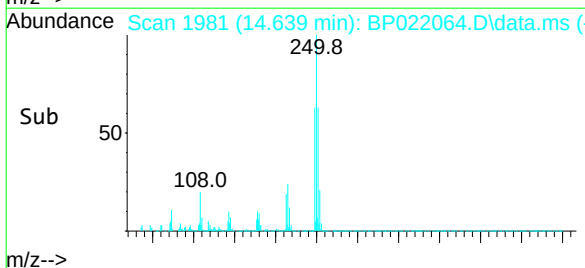
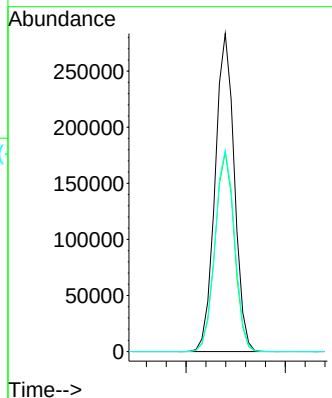
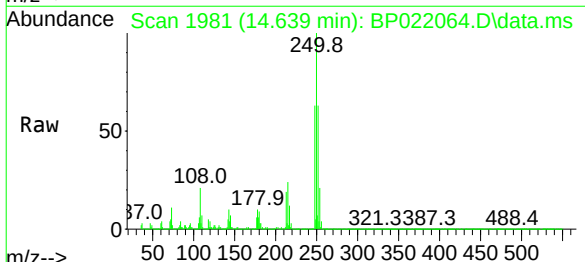
RT: 14.639 min Scan# 1981

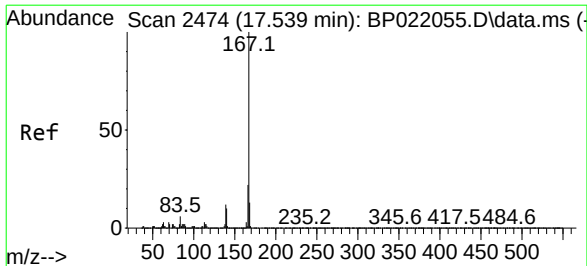
Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 381677 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 62.6  | 50.3  | 75.5   |
| 252       | 63.3  | 50.1  | 75.1   |





#77

Carbazole

Concen: 29.425 ng/u1

RT: 17.533 min Scan# 2474

Delta R.T. 0.012 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

Tgt Ion:167 Resp: 1178822

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

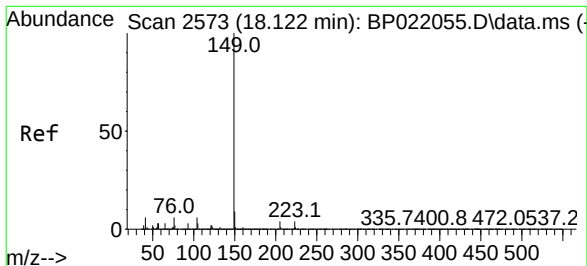
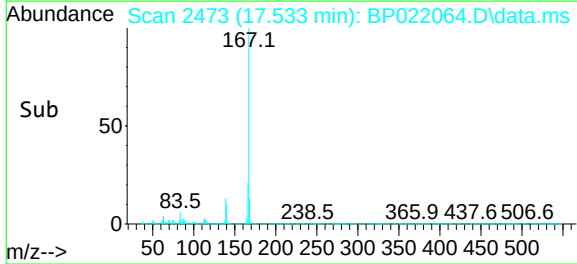
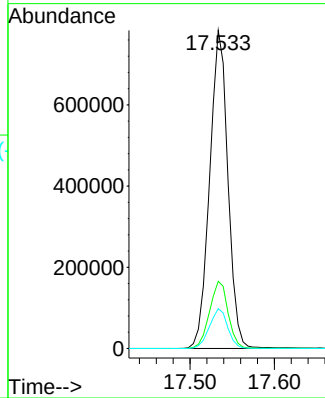
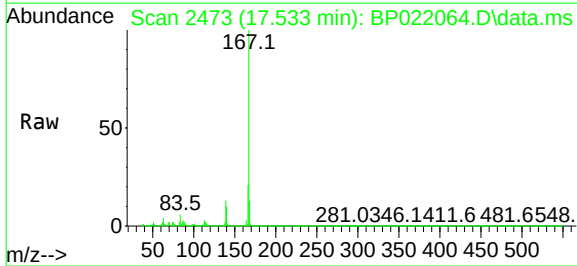
139 12.5 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#78

Di-n-butylphthalate

Concen: 30.765 ng/u1

RT: 18.122 min Scan# 2573

Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

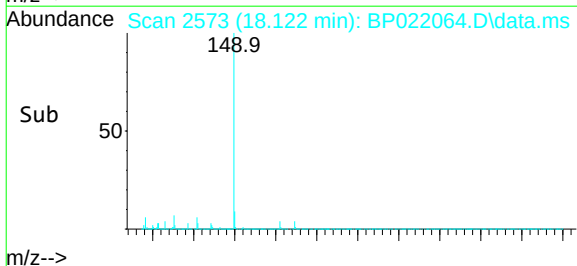
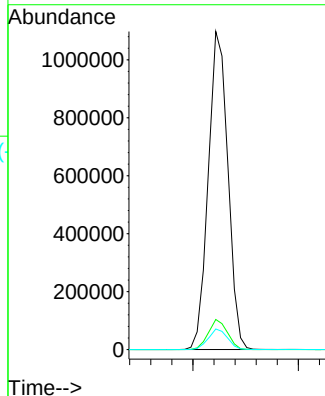
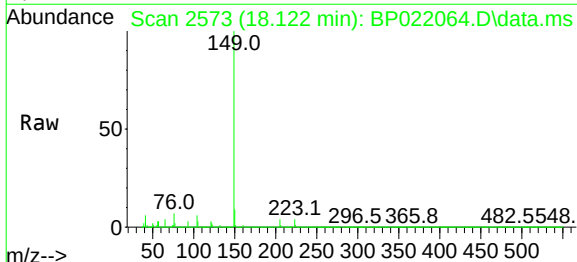
Tgt Ion:149 Resp: 1420953

Ion Ratio Lower Upper

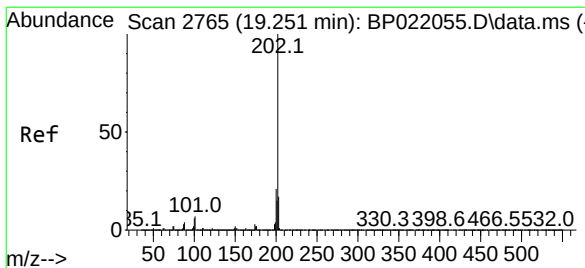
149 100

150 9.5 7.2 10.8

104 6.5 5.0 7.6







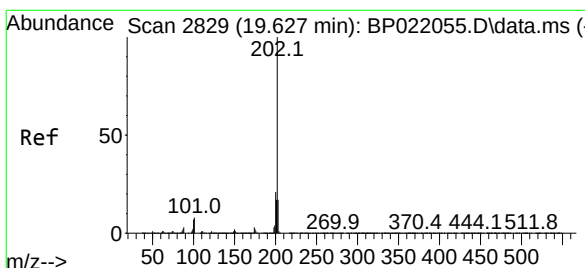
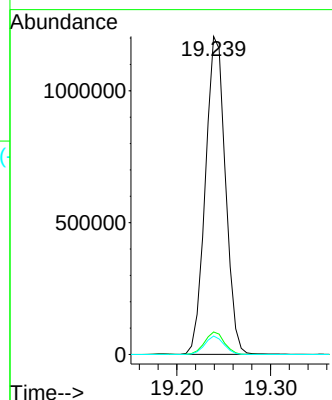
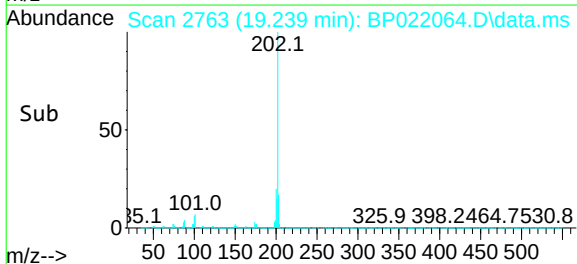
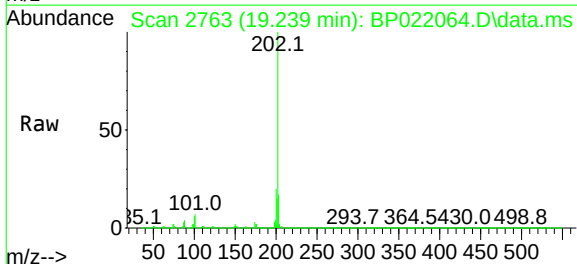
#80  
Fluoranthene  
Concen: 29.304 ng/u1  
RT: 19.239 min Scan# 2765  
Delta R.T. 0.000 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS588

Tgt Ion:202 Resp: 1788887  
Ion Ratio Lower Upper  
202 100  
101 7.1 5.8 8.6  
100 5.8 4.6 7.0

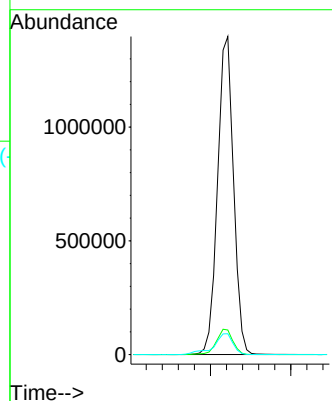
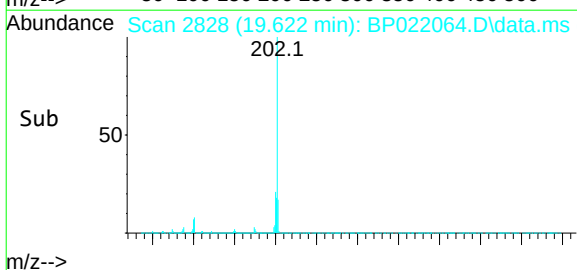
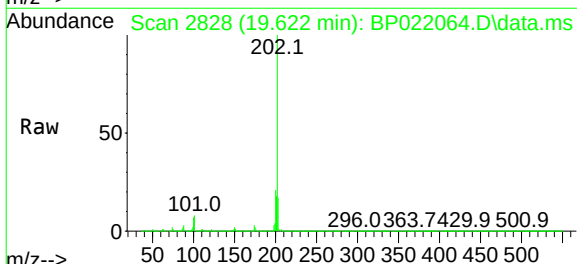
Manual Integrations  
APPROVED

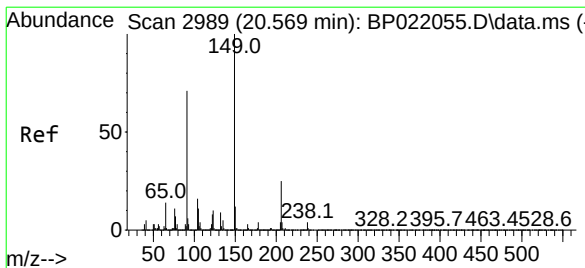
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



#82  
Pyrene  
Concen: 29.321 ng/u1  
RT: 19.622 min Scan# 2828  
Delta R.T. 0.006 min  
Lab File: BP022064.D  
Acq: 26 Sep 2024 15:51

Tgt Ion:202 Resp: 1926695  
Ion Ratio Lower Upper  
202 100  
101 7.7 7.4 11.0  
100 6.6 6.2 9.2





#83

Butylbenzylphthalate

Concen: 31.042 ng/ul

RT: 20.569 min Scan# 29

Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

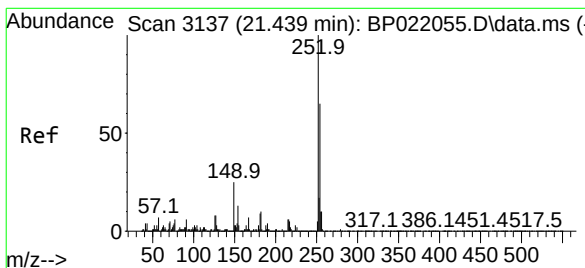
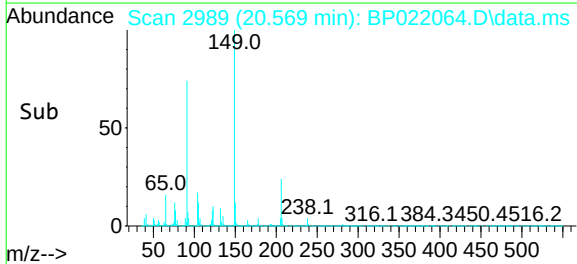
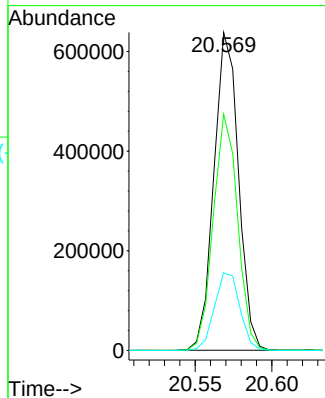
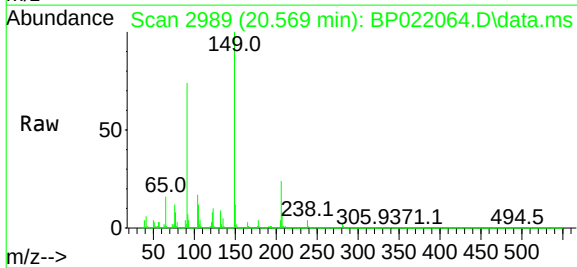
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 710884 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 74.3  | 60.2  | 90.2   |
| 206      | 24.4  | 19.8  | 29.6   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#84

3,3'-Dichlorobenzidine

Concen: 26.628 ng/ul

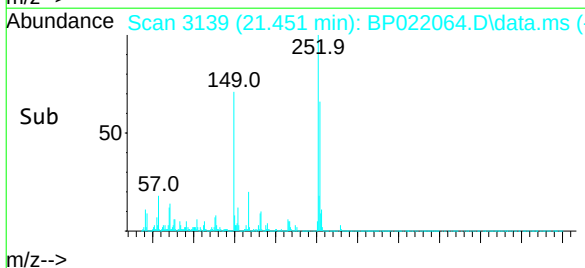
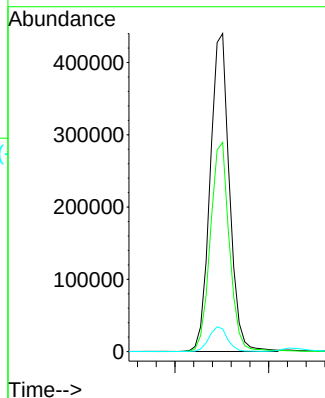
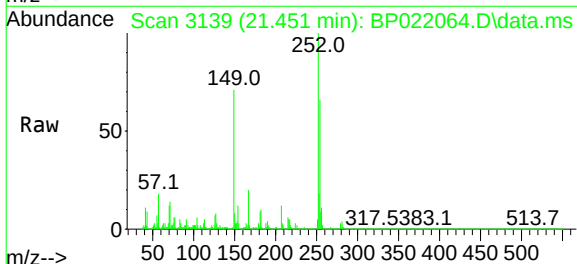
RT: 21.451 min Scan# 3139

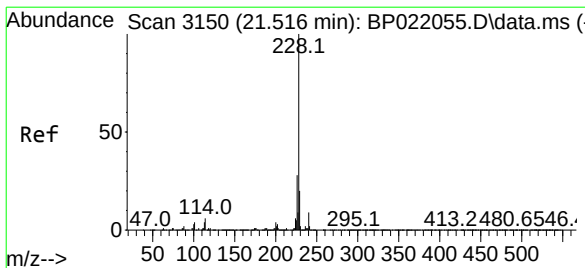
Delta R.T. 0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 628537 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.8  | 51.2  | 76.8   |
| 126      | 7.2   | 5.8   | 8.8    |





#85

Benzo(a)anthracene

Concen: 29.133 ng/ul

RT: 21.527 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

Tgt Ion:228 Resp: 2069839

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

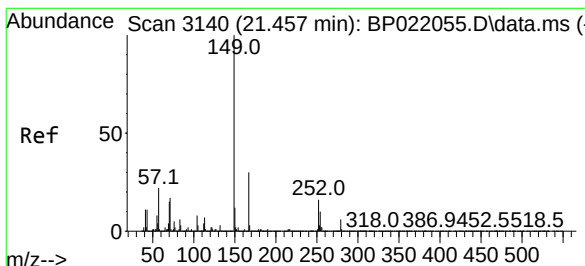
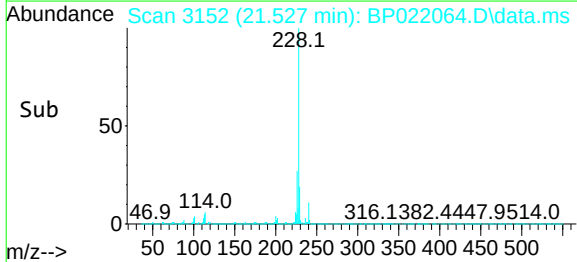
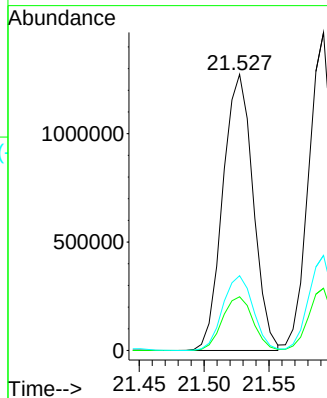
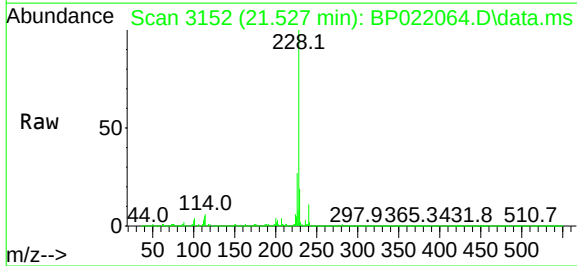
226 27.1 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.929 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

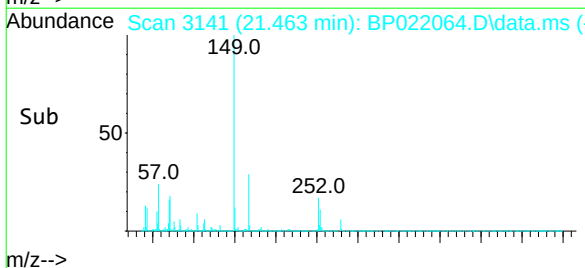
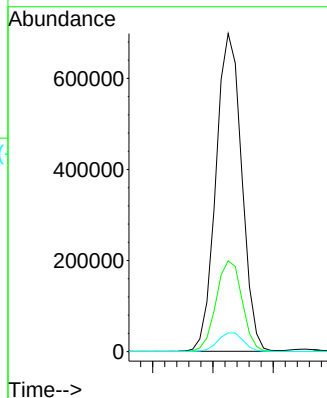
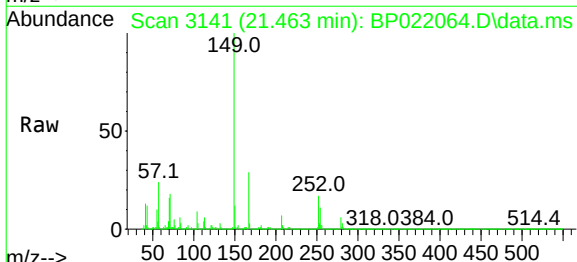
Tgt Ion:149 Resp: 1039206

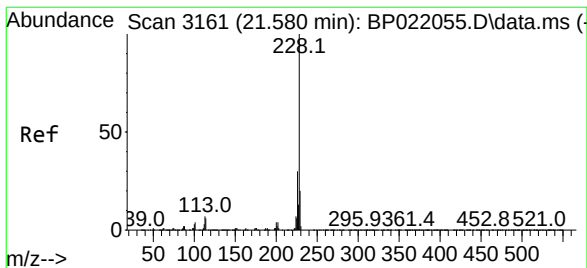
Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

279 5.9 4.5 6.7





#87

Chrysene

Concen: 29.533 ng/u1

RT: 21.592 min Scan# 3163

Delta R.T. 0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

Tgt Ion:228 Resp: 1969232

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

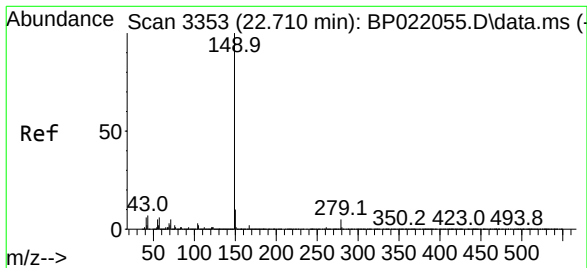
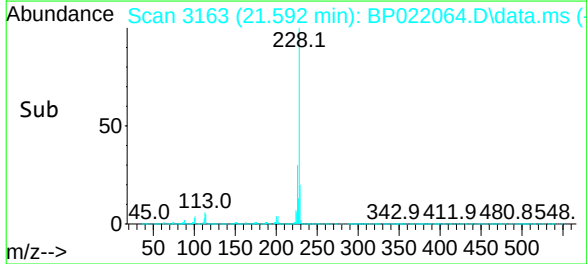
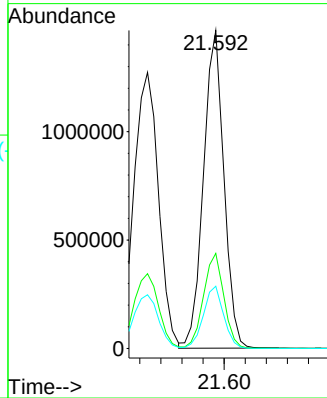
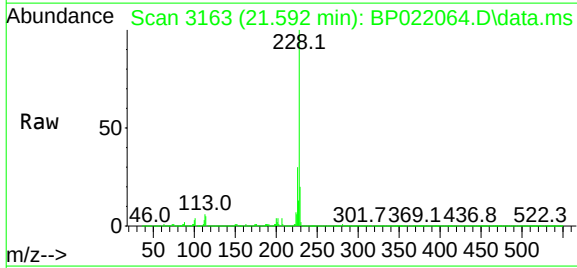
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#89

Di-n-octyl phthalate

Concen: 31.628 ng/u1

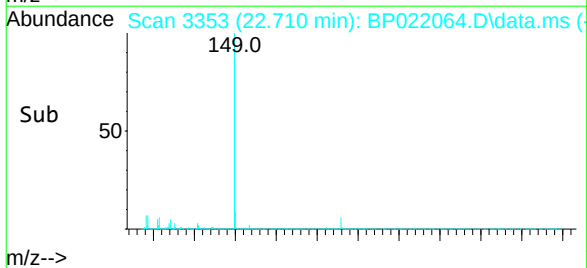
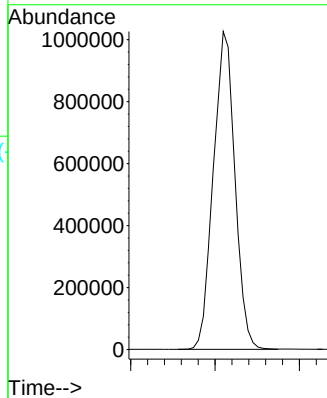
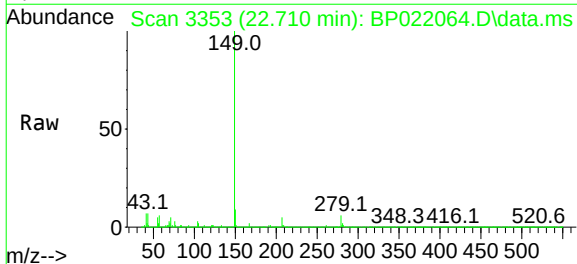
RT: 22.710 min Scan# 3353

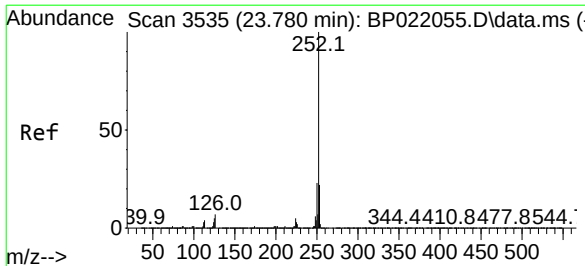
Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Tgt Ion:149 Resp: 1822902





#90

Benzo(b)fluoranthene

Concen: 29.536 ng/u1

RT: 23.780 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

Tgt Ion:252 Resp: 2139160

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

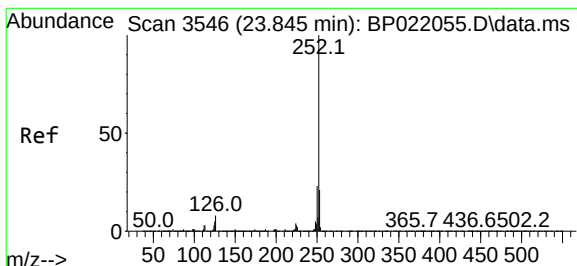
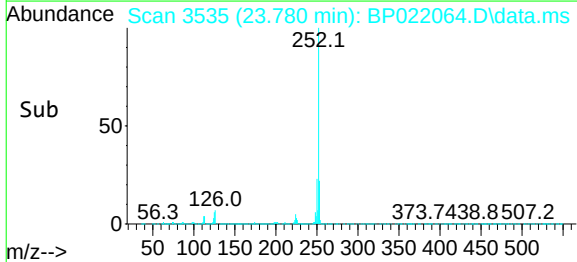
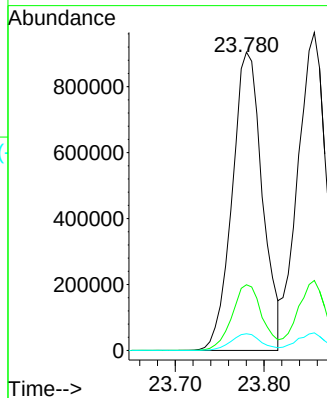
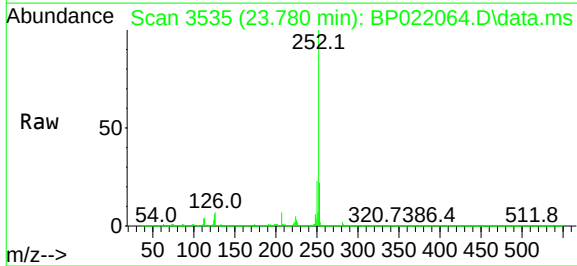
125 5.6 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#91

Benzo(k)fluoranthene

Concen: 29.876 ng/u1

RT: 23.857 min Scan# 3548

Delta R.T. 0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

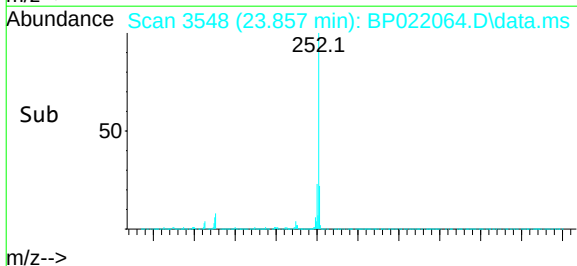
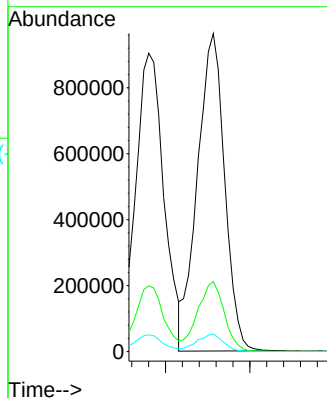
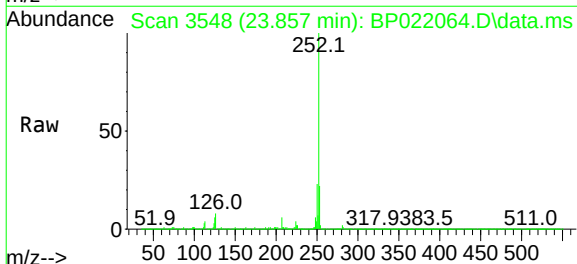
Tgt Ion:252 Resp: 2156579

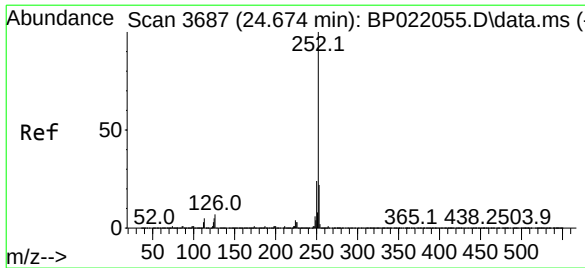
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 5.5 5.0 7.6





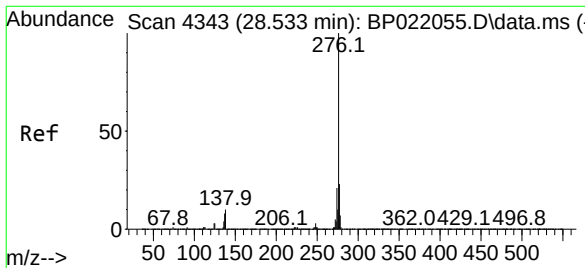
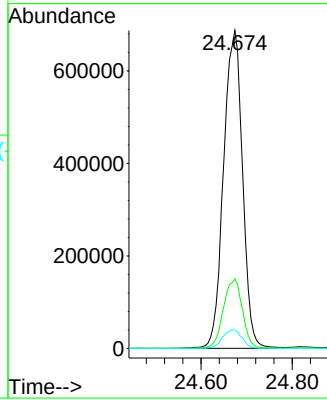
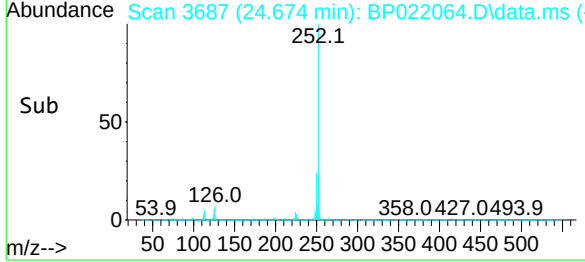
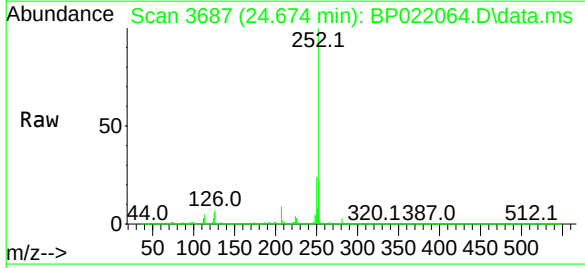
#93  
 Benzo(a)pyrene  
 Concen: 29.727 ng/ul  
 RT: 24.674 min Scan# 367  
 Delta R.T. 0.000 min  
 Lab File: BP022064.D  
 Acq: 26 Sep 2024 15:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS588

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1983877 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 21.9  | 17.5  | 26.3    |
| 125      | 5.8   | 4.8   | 7.2     |

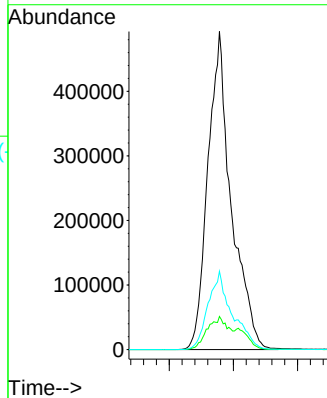
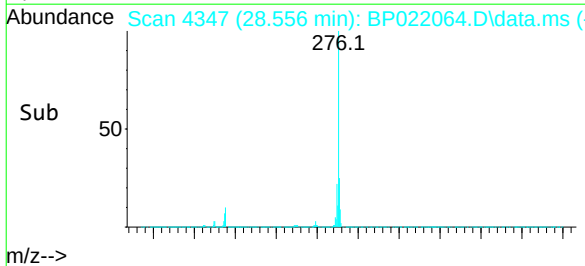
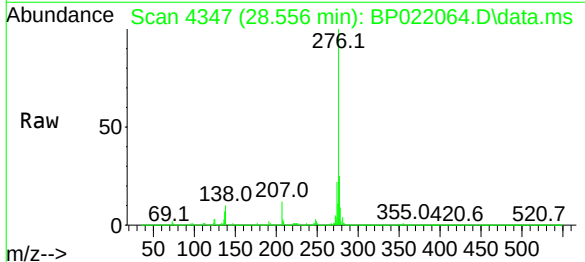
Manual Integrations  
 APPROVED

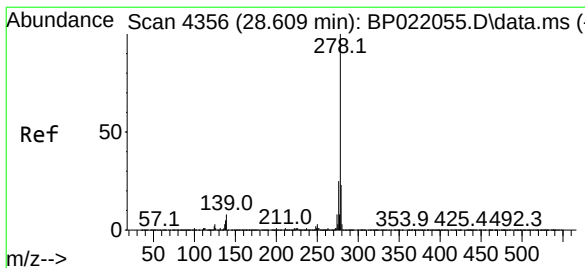
Reviewed By :Yogesh Patel 09/27/2024  
 Supervised By :mohammad ahmed 09/28/2024



#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 28.711 ng/ul m  
 RT: 28.556 min Scan# 4347  
 Delta R.T. 0.006 min  
 Lab File: BP022064.D  
 Acq: 26 Sep 2024 15:51

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2498272 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 10.4  | 9.2   | 13.8    |
| 277      | 24.6  | 19.4  | 29.0    |





#95

Dibenzo(a,h)anthracene

Concen: 28.593 ng/u1

RT: 28.615 min Scan# 43

Delta R.T. -0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Instrument :

BNA\_P

ClientSampleId :

SLCS588

Tgt Ion:278 Resp: 2004265

Ion Ratio Lower Upper

278 100

139 8.9 8.0 12.0

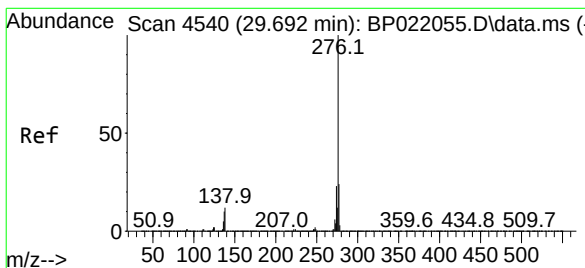
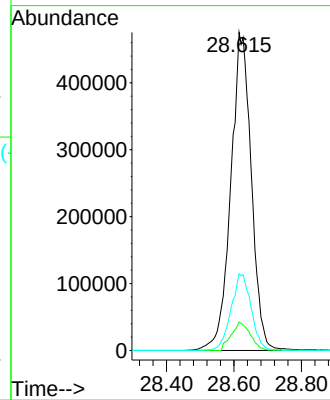
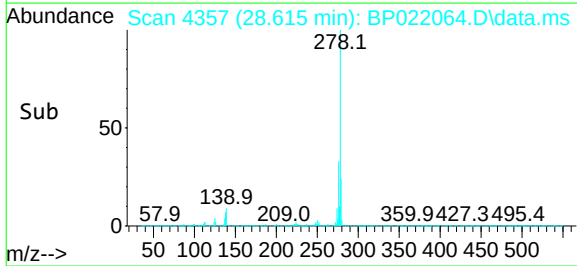
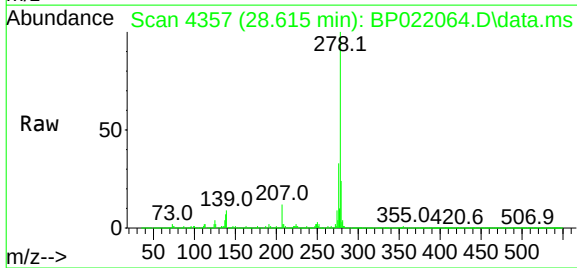
279 24.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#96

Benzo(g,h,i)perylene

Concen: 28.558 ng/u1

RT: 29.709 min Scan# 4543

Delta R.T. 0.006 min

Lab File: BP022064.D

Acq: 26 Sep 2024 15:51

Tgt Ion:276 Resp: 1928195

Ion Ratio Lower Upper

276 100

138 11.1 9.0 13.6

277 23.9 19.1 28.7

