

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070524\  
 Data File : BP020806.D  
 Acq On : 06 Jul 2024 04:07  
 Operator : MA/JU  
 Sample : P2964-10MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CS4MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 04:35:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 15:01:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.734  | 152  | 180903   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.499 | 136  | 740921   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.363 | 164  | 478221   | 20.000 | ng/u1  | 0.01     |
| 64) Phenanthrene-d10          | 17.175 | 188  | 995346   | 20.000 | ng/u1  | 0.01     |
| 79) Chrysene-d12              | 21.627 | 240  | 884010   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.974 | 264  | 1074639  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 15557    | 3.693  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 64965    | 5.291  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.922  | 99   | 329535   | 22.210 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.075  | 67   | 195789   | 20.815 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.275  | 132  | 281123   | 23.183 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.440  | 113  | 264769   | 21.971 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.881  | 128  | 136410   | 24.937 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.587  | 143  | 157119   | 28.702 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.128 | 165  | 291337   | 25.837 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.646 | 131  | 177932   | 11.260 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.769 | 166  | 852481   | 25.638 | ng/u1  | 0.01     |
| 49) Acenaphthylene-d8         | 14.051 | 160  | 953327   | 24.028 | ng/u1  | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.598 | 143  | 122141   | 24.042 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.375 | 176  | 721022   | 25.769 | ng/u1  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200  | 115849   | 23.096 | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.275 | 188  | 1096717  | 24.551 | ng/u1  | 0.01     |
| 81) Pyrene-d10                | 19.657 | 212  | 1123521  | 21.156 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.739 | 264  | 896132   | 17.143 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 46897    | 9.948  | ng/uL  | 97       |
| 5) Pyridine                   | 3.699  | 79   | 122331   | 9.619  | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.893  | 77   | 173639   | 23.142 | ng/u1  | 97       |
| 8) Phenol                     | 6.952  | 94   | 487045   | 32.189 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.163  | 93   | 361946   | 28.894 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.310  | 128  | 392113   | 32.166 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.175  | 108  | 364754   | 31.420 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.240  | 45   | 514815   | 27.043 | ng/u1  | 99       |
| 16) Acetophenone              | 8.546  | 105  | 601252   | 31.243 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.528  | 70   | 290425   | 28.392 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.499  | 108  | 403221   | 32.814 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.793  | 117  | 128031   | 24.194 | ng/u1  | 90       |
| 22) Nitrobenzene              | 8.922  | 77   | 432015   | 30.465 | ng/u1  | 96       |
| 23) Isophorone                | 9.446  | 82   | 841587   | 29.953 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.616  | 139  | 232585   | 39.343 | ng/u1  | 95       |
| 26) 2,4-Dimethylphenol        | 9.681  | 107  | 321356   | 23.340 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.916  | 93   | 497052   | 29.737 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.157 | 162  | 401368   | 35.962 | ng/u1  | 96       |
| 30) Naphthalene               | 10.551 | 128  | 1300348  | 32.790 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.663 | 127  | 291015   | 19.128 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.816 | 225  | 280895   | 33.664 | ng/u1  | 99       |
| 34) Caprolactam               | 11.457 | 113  | 109077   | 32.115 | ng/u1  | 92       |
| 35) 4-Chloro-3-methylphenol   | 11.787 | 107  | 431828   | 35.043 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.151 | 142  | 885047   | 33.316 | ng/u1  | 100      |

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Quant Time: Jul 06 04:35:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 15:01:56 2024  
 Response via : Initial Calibration

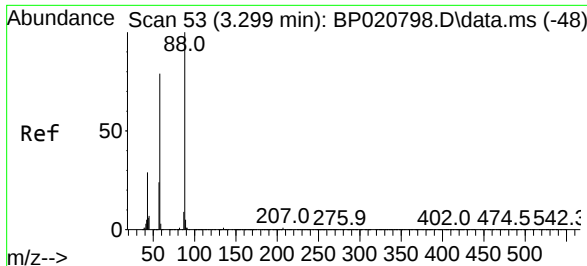
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/08/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.381 | 142  | 905998   | 33.362 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.522 | 216  | 517970   | 33.877 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.493 | 237  | 150637   | 15.829 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.775 | 196  | 338266   | 37.086 | ng/ul  | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.857 | 196  | 369255   | 39.034 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.175 | 154  | 1146265  | 32.050 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.222 | 162  | 911569   | 32.361 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.440 | 65   | 275566   | 38.839 | ng/ul  | 88       |
| 47) Dimethylphthalate         | 13.816 | 163  | 1150775  | 33.976 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.940 | 165  | 243872   | 40.379 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.081 | 152  | 1585545  | 35.378 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.281 | 138  | 213653   | 38.062 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.428 | 153  | 968478   | 32.576 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.498 | 184  | 108548   | 34.649 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.616 | 109  | 172654   | 37.977 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.763 | 168  | 1412700  | 35.264 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.745 | 165  | 356956   | 42.817 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 308863   | 39.531 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.198 | 149  | 1179307  | 35.298 | ng/ul  | 99       |
| 61) Fluorene                  | 15.428 | 166  | 1152912  | 35.819 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.416 | 204  | 571669   | 34.035 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.463 | 138  | 245731m  | 46.126 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 178201   | 33.165 | ng/ul  | 93       |
| 67) N-Nitrosodiphenylamine    | 15.645 | 169  | 971438   | 33.094 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.339 | 248  | 373484   | 33.640 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.451 | 284  | 349362   | 28.110 | ng/ul# | 91       |
| 70) Atrazine                  | 16.622 | 200  | 273389   | 26.419 | ng/ul  | 100      |
| 71) Pentachlorophenol         | 16.816 | 266  | 249778   | 34.909 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.222 | 178  | 3054943  | 58.612 | ng/ul  | 100      |
| 74) Anthracene                | 17.310 | 178  | 1994979  | 37.210 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.145 | 216  | 523714   | 32.414 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.681 | 250  | 428458   | 27.824 | ng/ul  | 100      |
| 77) Carbazole                 | 17.592 | 167  | 1496697  | 33.826 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.180 | 149  | 2045912  | 35.600 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.310 | 202  | 4129944  | 63.664 | ng/ul  | 98       |
| 82) Pyrene                    | 19.686 | 202  | 3442552  | 51.744 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.633 | 149  | 874506   | 35.399 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.527 | 252  | 243361   | 12.451 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.610 | 228  | 3116555  | 50.298 | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.533 | 149  | 1291093  | 33.660 | ng/ul# | 98       |
| 87) Chrysene                  | 21.680 | 228  | 2939490  | 50.190 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.810 | 149  | 2256998  | 32.716 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.915 | 252  | 3485746  | 53.542 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.986 | 252  | 2621102  | 39.801 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.815 | 252  | 1681690  | 27.364 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.786 | 276  | 2673701m | 33.918 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.868 | 278  | 2323392  | 35.862 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 29.945 | 276  | 304629   | 4.733  | ng/ul  | 98       |

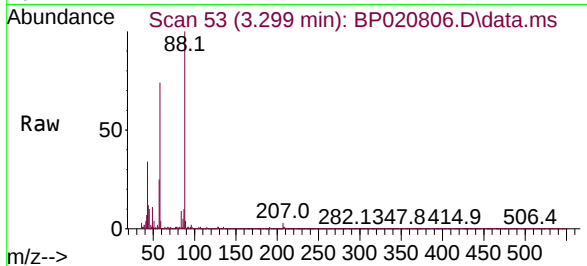
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 9.948 ng/uL  
RT: 3.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

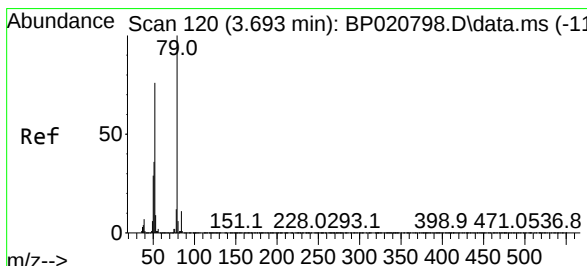
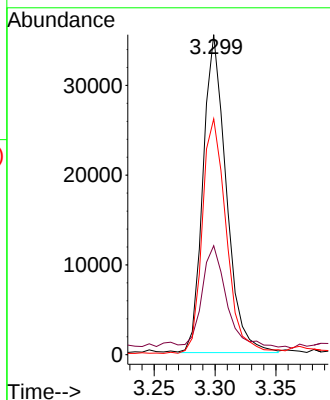
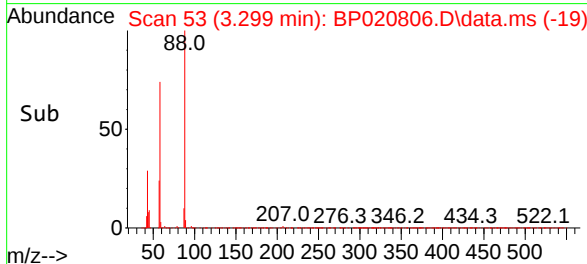
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



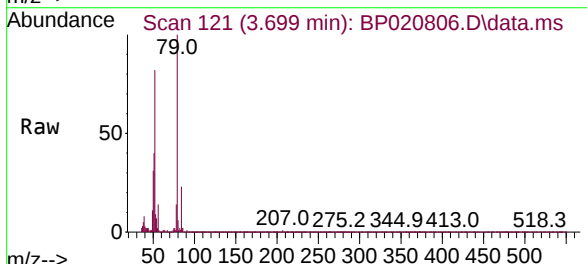
Tgt Ion: 88 Resp: 4689  
Ion Ratio Lower Upper  
88 100  
43 34.0 28.1 42.1  
58 73.7 61.1 91.7

Manual Integrations  
APPROVED

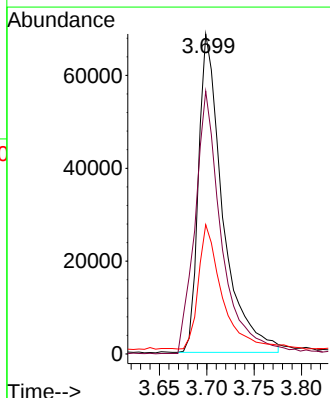
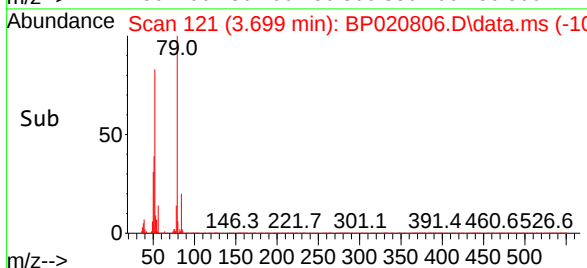
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024

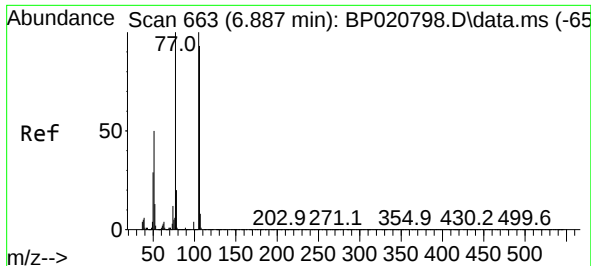


#5  
Pyridine  
Concen: 9.619 ng/uL  
RT: 3.699 min Scan# 121  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07



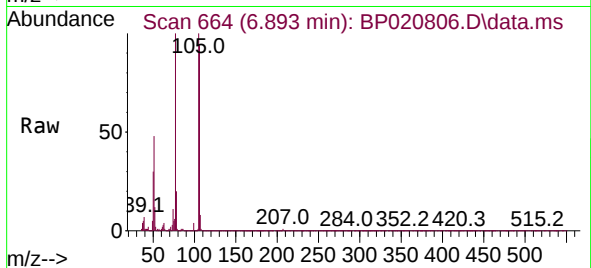
Tgt Ion: 79 Resp: 122331  
Ion Ratio Lower Upper  
79 100  
52 82.2 64.6 97.0  
51 40.4 32.0 48.0





#6  
Benzaldehyde  
Concen: 23.142 ng/ul  
RT: 6.893 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

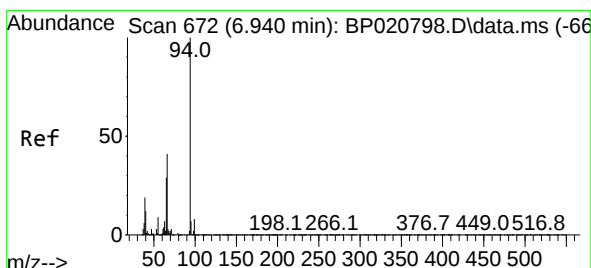
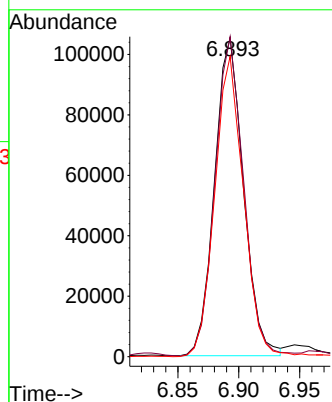
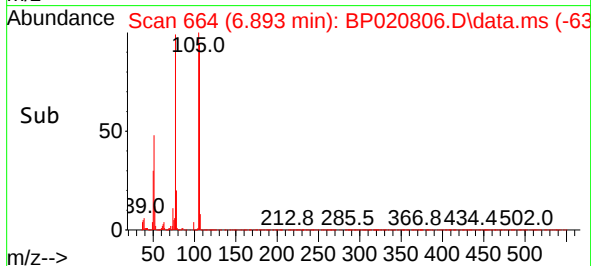
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion: 77 Resp: 173639  
Ion Ratio Lower Upper  
77 100  
105 100.5 78.2 117.2  
106 94.3 73.2 109.8

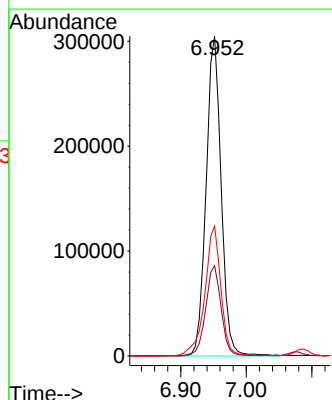
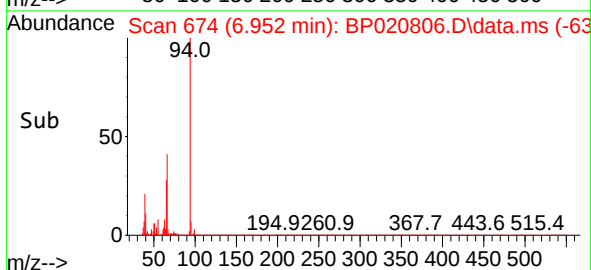
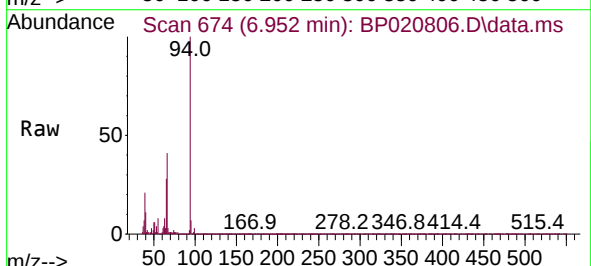
Manual Integrations  
APPROVED

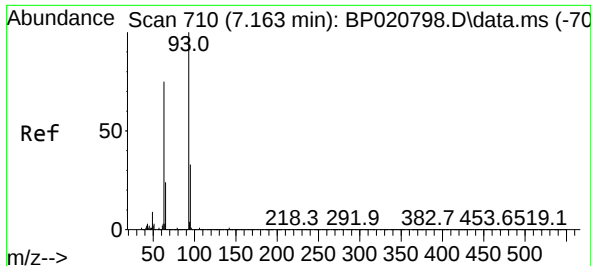
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#8  
Phenol  
Concen: 32.189 ng/ul  
RT: 6.952 min Scan# 674  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

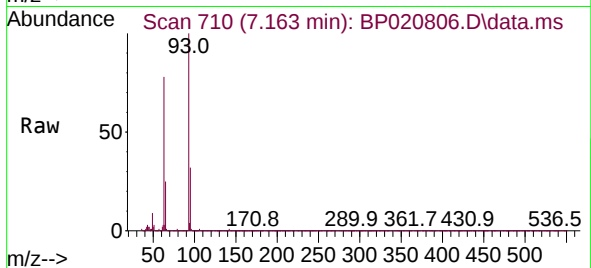
Tgt Ion: 94 Resp: 487045  
Ion Ratio Lower Upper  
94 100  
65 28.2 24.2 36.2  
66 40.5 33.9 50.9





#10  
Bis(2-Chloroethyl)ether  
Concen: 28.894 ng/ul  
RT: 7.163 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

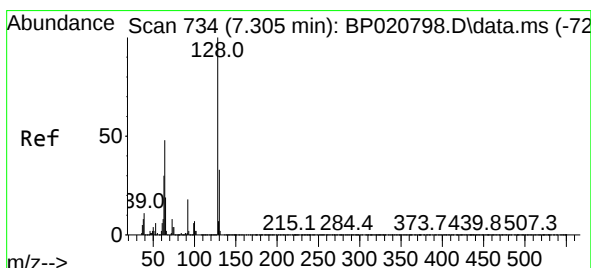
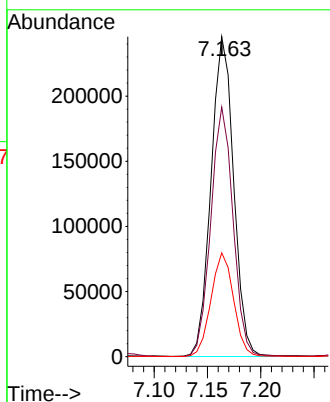
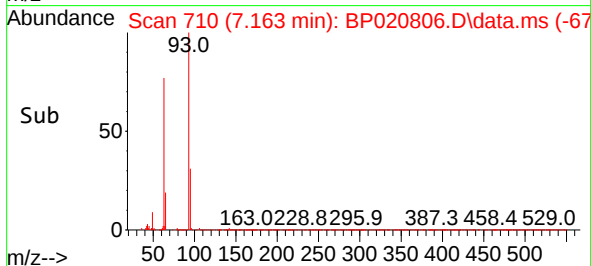
Instrument :  
BNA\_P  
ClientSampleId :  
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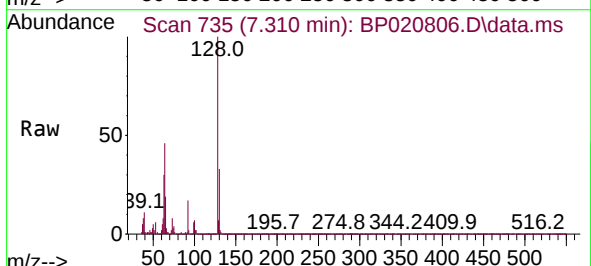
Tgt Ion: 93 Resp: 361940  
Ion Ratio Lower Upper  
93 100  
63 78.0 63.4 95.2  
95 32.4 27.0 40.4

Manual Integrations  
APPROVED

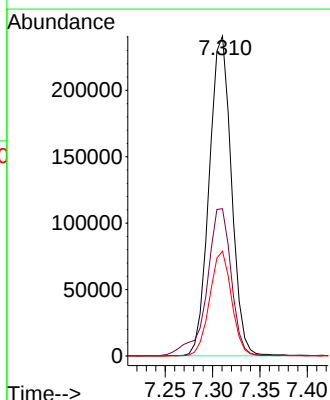
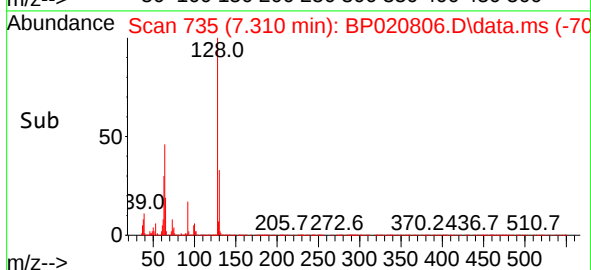
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024

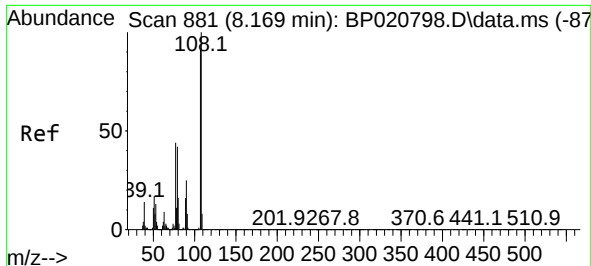


#12  
2-Chlorophenol  
Concen: 32.166 ng/ul  
RT: 7.310 min Scan# 735  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07



Tgt Ion:128 Resp: 392113  
Ion Ratio Lower Upper  
128 100  
64 46.0 39.4 59.2  
130 32.7 25.9 38.9





#13

2-Methylphenol

Concen: 31.420 ng/ul

RT: 8.175 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:108 Resp: 364754

Ion Ratio Lower Upper

108 100

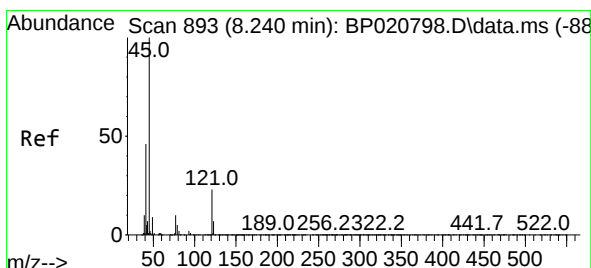
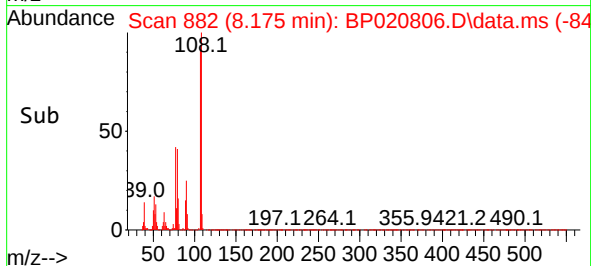
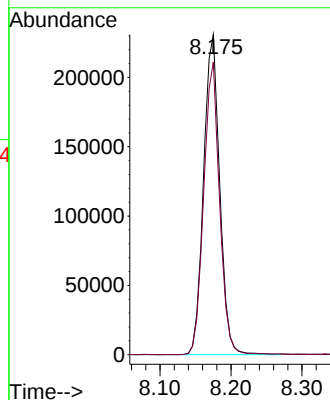
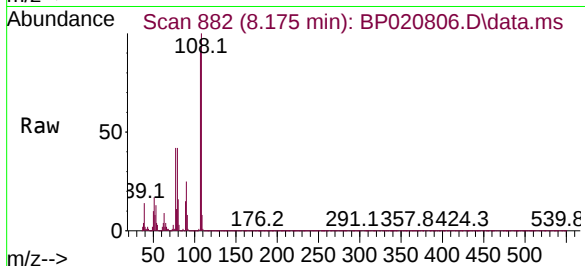
107 91.4 71.7 107.5

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/08/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.043 ng/ul

RT: 8.240 min Scan# 893

Delta R.T. -0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

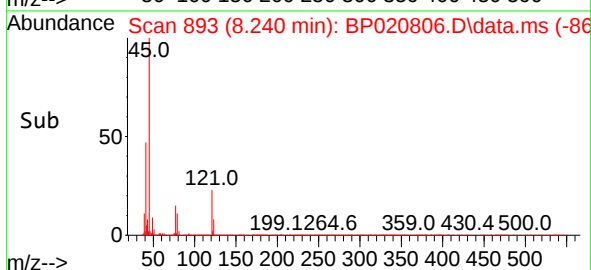
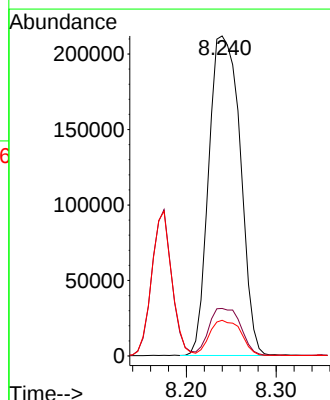
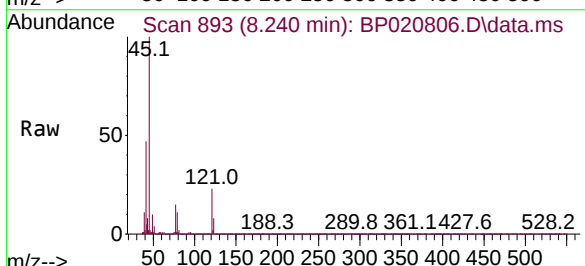
Tgt Ion: 45 Resp: 514815

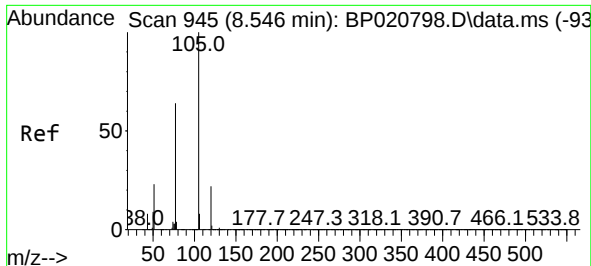
Ion Ratio Lower Upper

45 100

77 14.8 11.3 16.9

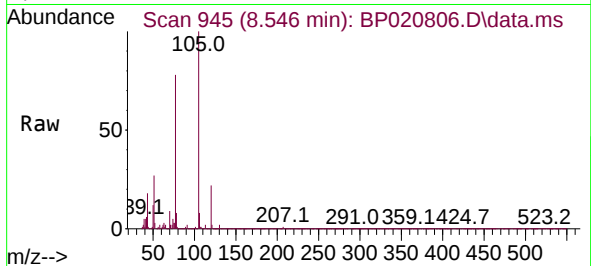
79 11.2 9.1 13.7





#16  
Acetophenone  
Concen: 31.243 ng/ul  
RT: 8.546 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

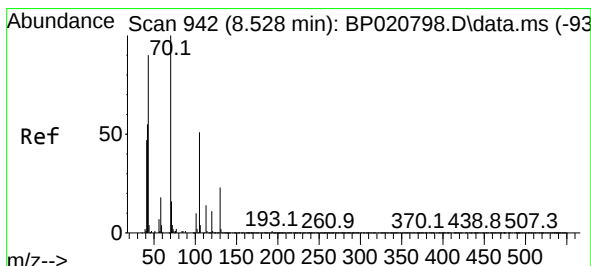
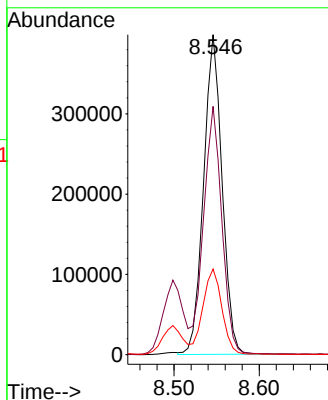
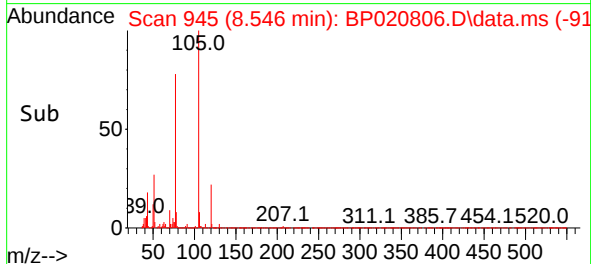
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



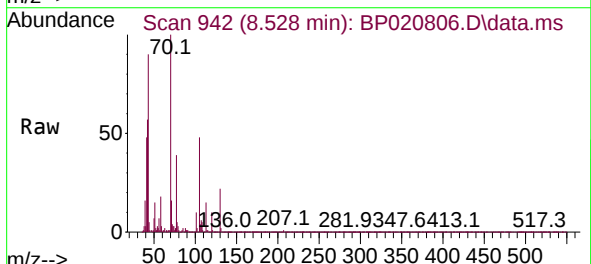
Tgt Ion:105 Resp: 601252  
Ion Ratio Lower Upper  
105 100  
77 77.6 62.2 93.4  
51 26.7 23.6 35.4

Manual Integrations  
APPROVED

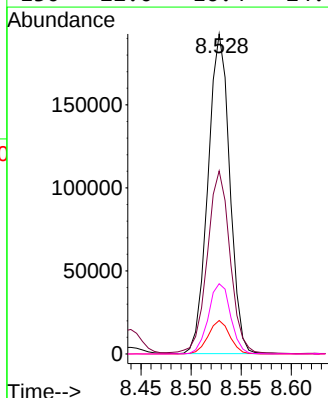
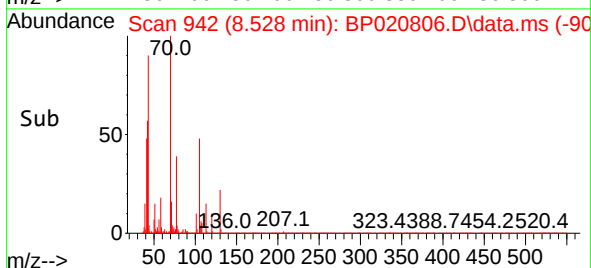
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024

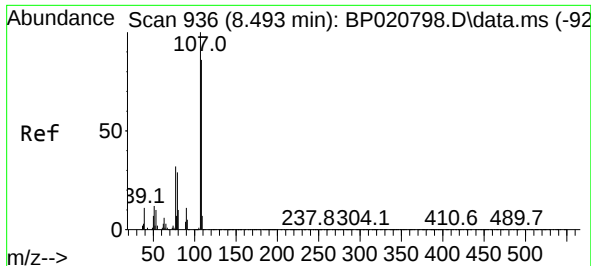


#17  
N-Nitroso-di-n-propylamine  
Concen: 28.392 ng/ul  
RT: 8.528 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07



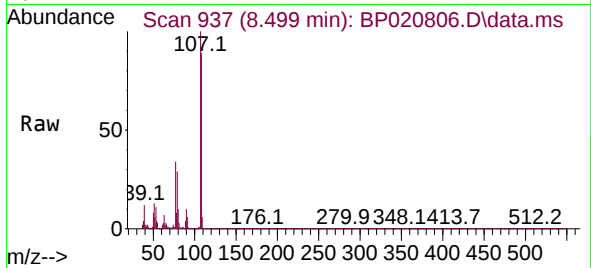
Tgt Ion: 70 Resp: 290425  
Ion Ratio Lower Upper  
70 100  
42 57.2 46.8 70.2  
101 10.5 8.0 12.0  
130 22.0 16.4 24.6





#18  
4-Methylphenol  
Concen: 32.814 ng/ul  
RT: 8.499 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

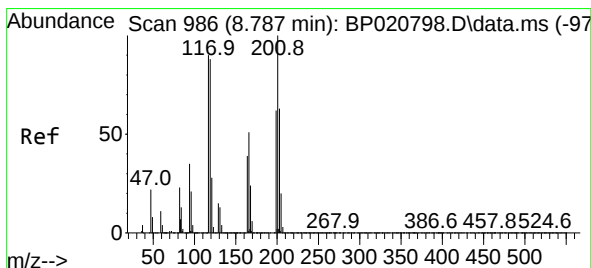
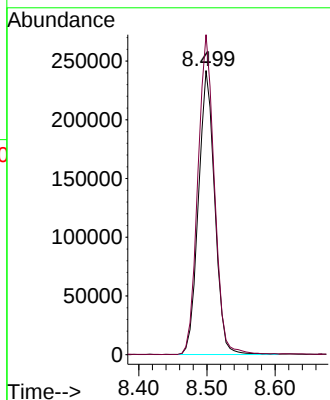
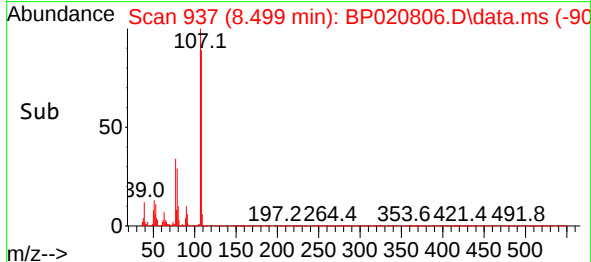
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:108 Resp: 40322  
Ion Ratio Lower Upper  
108 100  
107 112.6 90.2 135.2

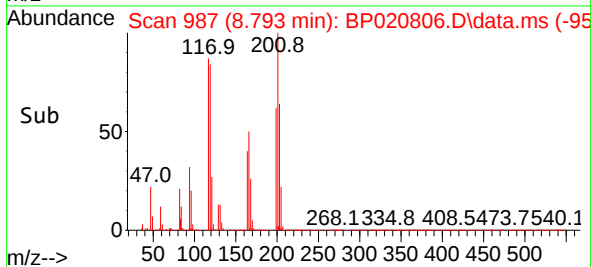
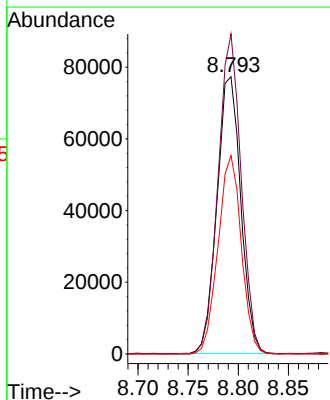
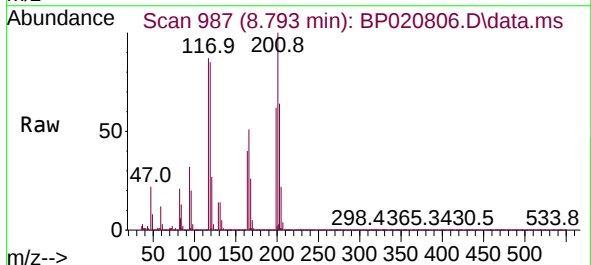
Manual Integrations  
APPROVED

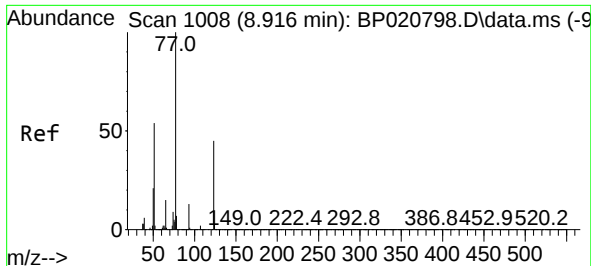
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#19  
Hexachloroethane  
Concen: 24.194 ng/ul  
RT: 8.793 min Scan# 987  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

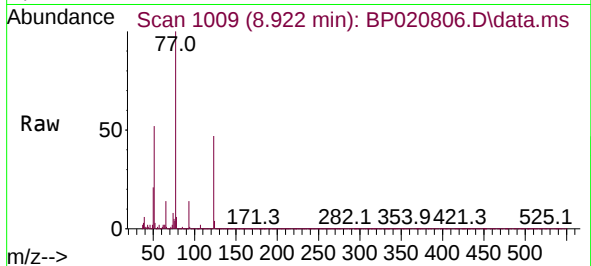
Tgt Ion:117 Resp: 128031  
Ion Ratio Lower Upper  
117 100  
201 115.4 83.0 124.6  
199 71.5 51.9 77.9





#22  
Nitrobenzene  
Concen: 30.465 ng/ul  
RT: 8.922 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

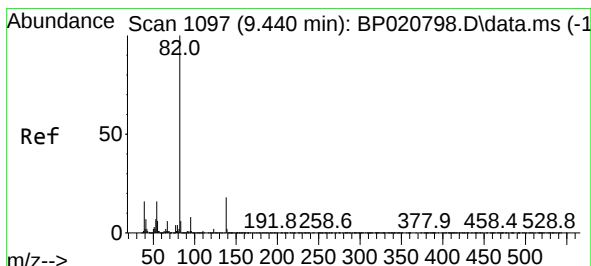
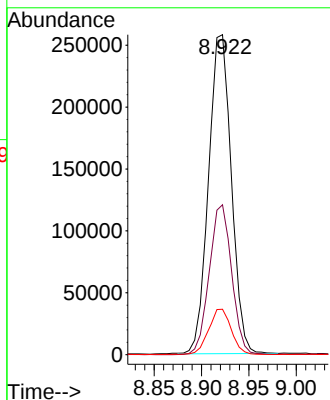
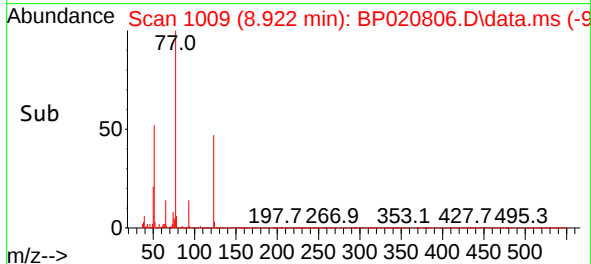
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BNA\_P  
ClientSampleId :  
A4CS4MSD



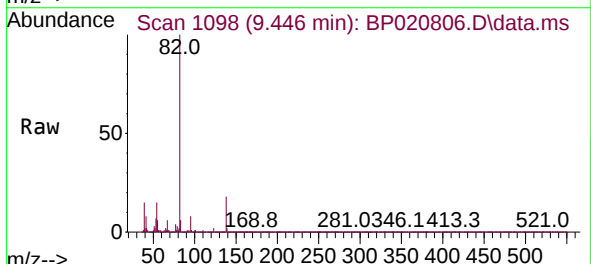
Tgt Ion: 77 Resp: 432015  
Ion Ratio Lower Upper  
77 100  
123 46.8 35.0 52.6  
65 14.2 11.0 16.4

Manual Integrations  
APPROVED

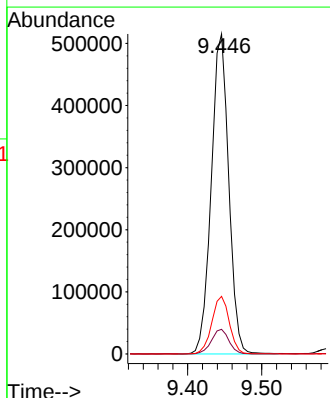
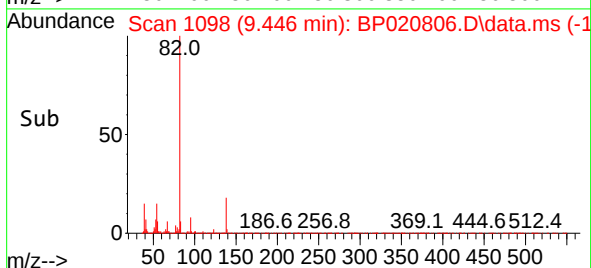
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024

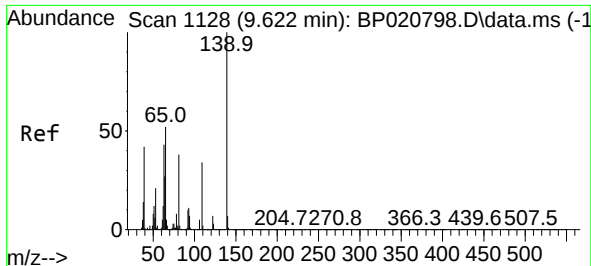


#23  
Isophorone  
Concen: 29.953 ng/ul  
RT: 9.446 min Scan# 1098  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07



Tgt Ion: 82 Resp: 841587  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.2 9.2  
138 18.0 13.2 19.8





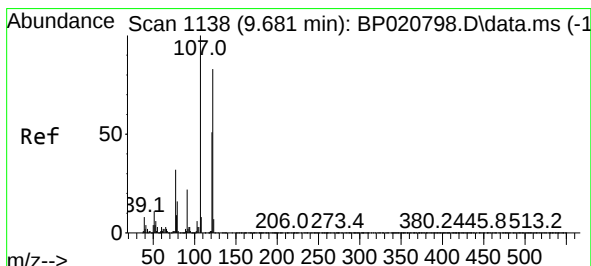
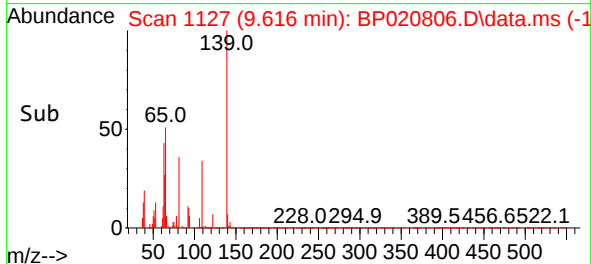
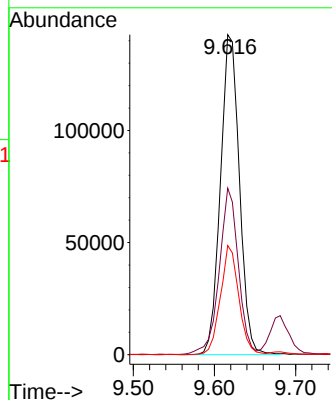
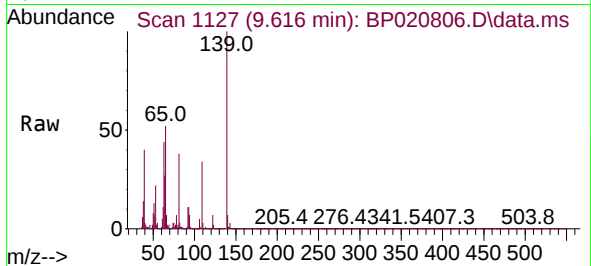
#25  
2-Nitrophenol  
Concen: 39.343 ng/ul  
RT: 9.616 min Scan# 1127  
Delta R.T. -0.012 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD

Tgt Ion:139 Resp: 232585  
Ion Ratio Lower Upper  
139 100  
65 52.1 46.2 69.2  
109 34.1 27.4 41.0

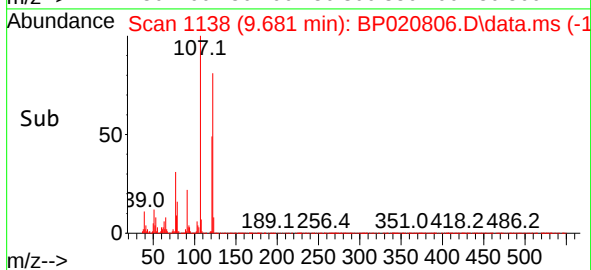
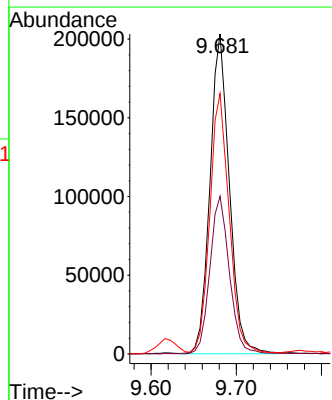
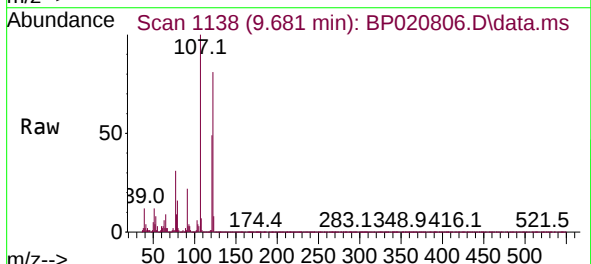
Manual Integrations  
APPROVED

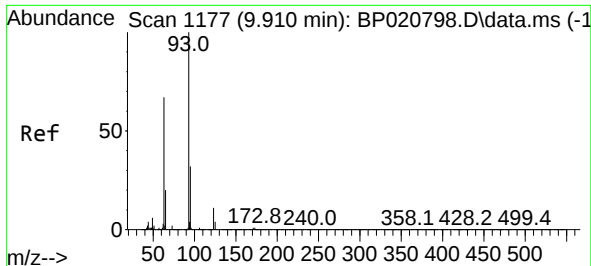
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#26  
2,4-Dimethylphenol  
Concen: 23.340 ng/ul  
RT: 9.681 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Tgt Ion:107 Resp: 321356  
Ion Ratio Lower Upper  
107 100  
121 49.3 38.5 57.7  
122 81.4 66.7 100.1





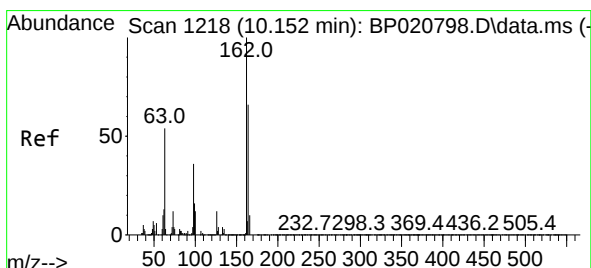
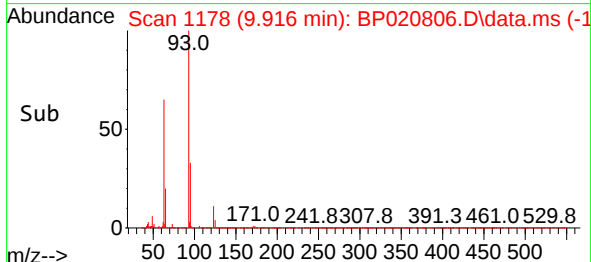
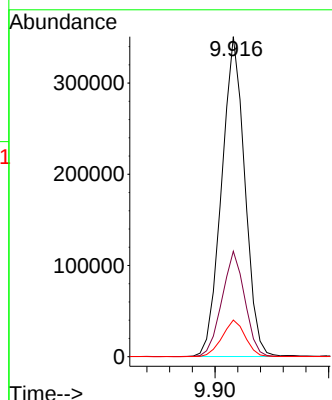
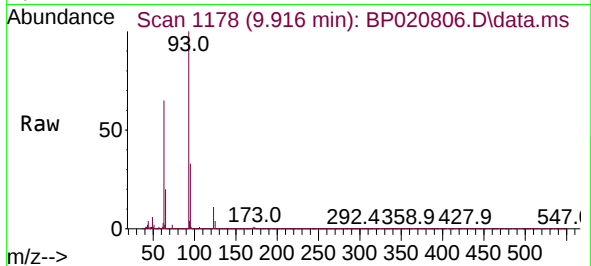
#27  
Bis(2-Chloroethoxy)methane  
Concen: 29.737 ng/ul  
RT: 9.916 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD

Tgt Ion: 93 Resp: 497052  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.4 38.0  
123 11.5 8.2 12.4

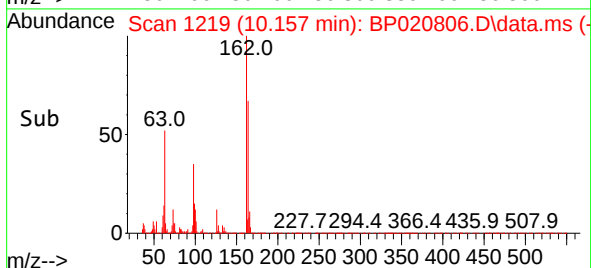
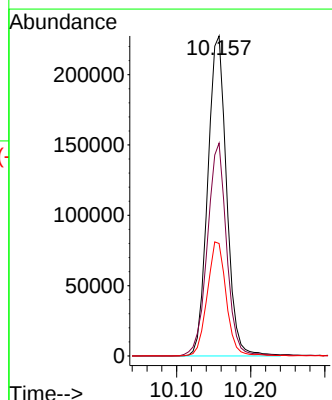
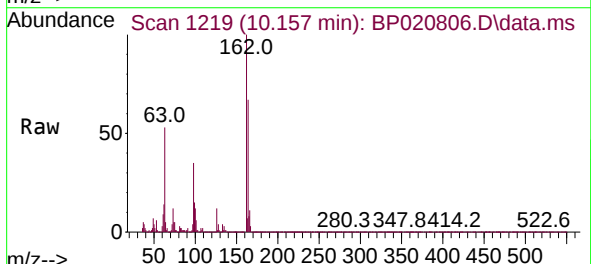
Manual Integrations  
APPROVED

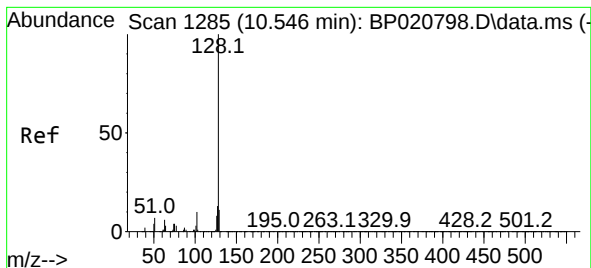
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#29  
2,4-Dichlorophenol  
Concen: 35.962 ng/ul  
RT: 10.157 min Scan# 1219  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

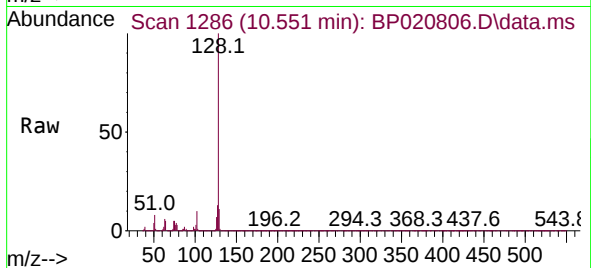
Tgt Ion:162 Resp: 401368  
Ion Ratio Lower Upper  
162 100  
164 66.5 51.2 76.8  
98 35.2 30.3 45.5





#30  
Naphthalene  
Concen: 32.790 ng/ul  
RT: 10.551 min Scan# 1285  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

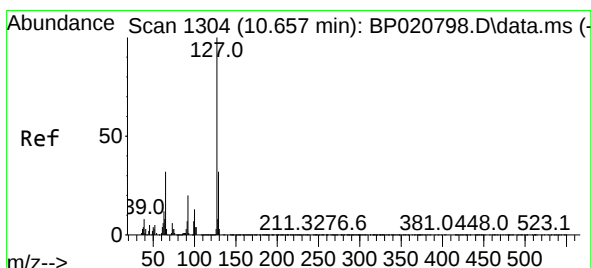
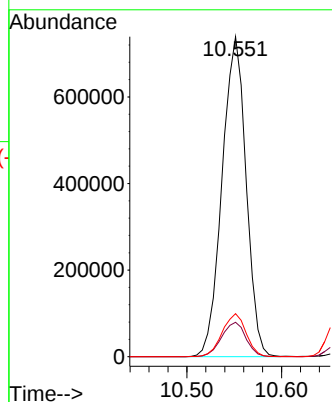
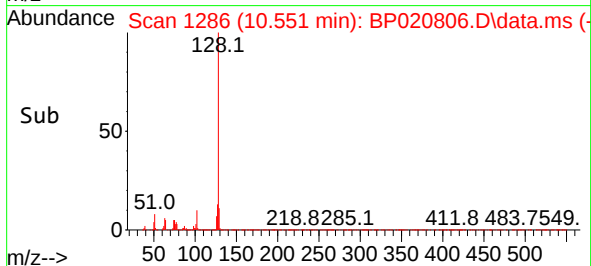
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:128 Resp: 1300348  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.5 10.6 15.8

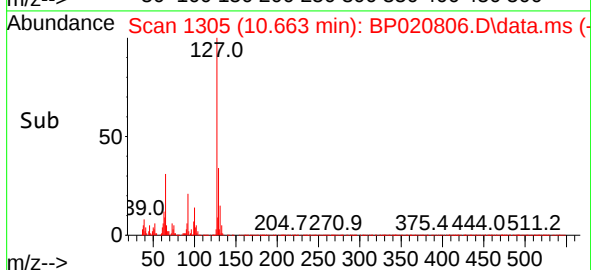
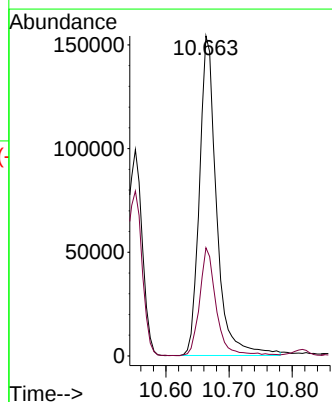
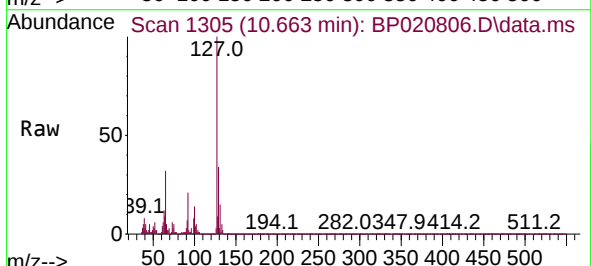
Manual Integrations  
APPROVED

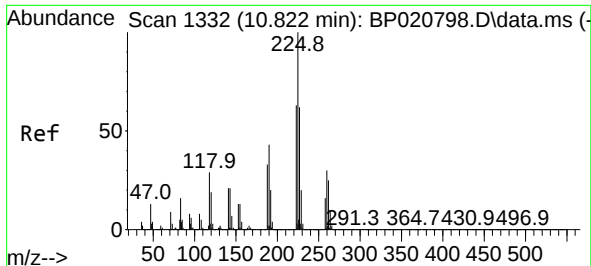
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#32  
4-Chloroaniline  
Concen: 19.128 ng/ul  
RT: 10.663 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

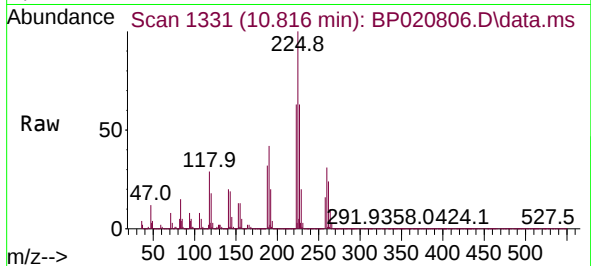
Tgt Ion:127 Resp: 291015  
Ion Ratio Lower Upper  
127 100  
129 33.8 25.5 38.3





#33  
Hexachlorobutadiene  
Concen: 33.664 ng/ul  
RT: 10.816 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

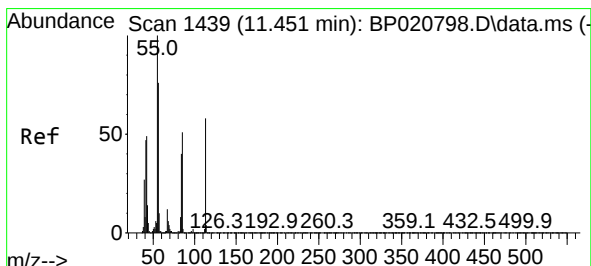
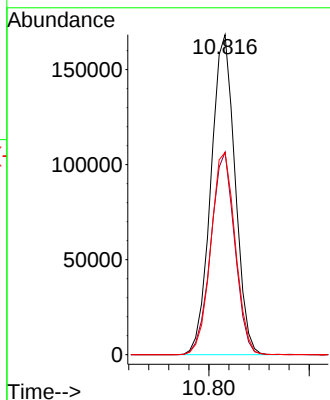
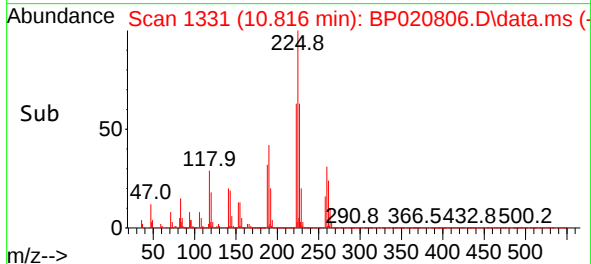
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:225 Resp: 28089  
Ion Ratio Lower Upper  
225 100  
223 63.3 49.8 74.8  
227 63.2 49.9 74.9

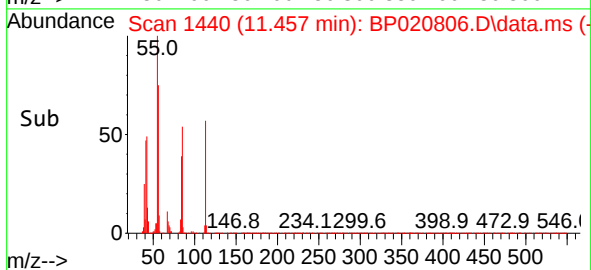
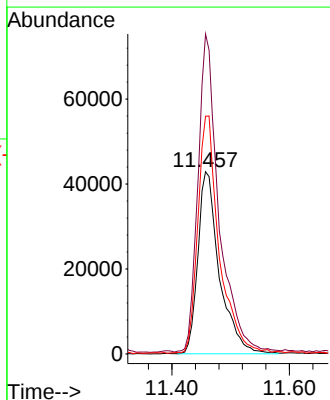
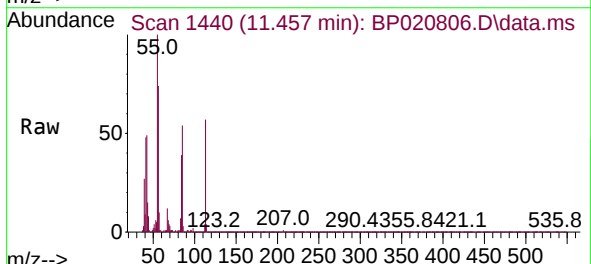
Manual Integrations  
APPROVED

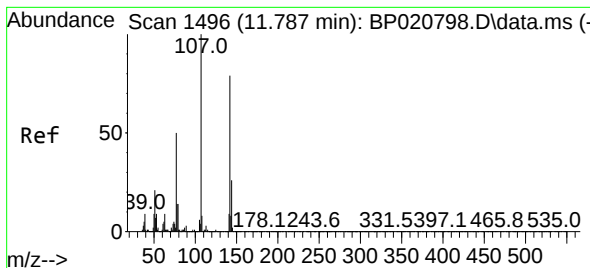
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#34  
Caprolactam  
Concen: 32.115 ng/ul  
RT: 11.457 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

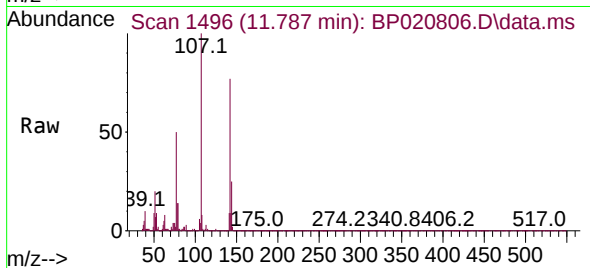
Tgt Ion:113 Resp: 109077  
Ion Ratio Lower Upper  
113 100  
55 175.6 150.0 225.0  
56 130.5 112.4 168.6





#35  
4-Chloro-3-methylphenol  
Concen: 35.043 ng/ul  
RT: 11.787 min Scan# 1496  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

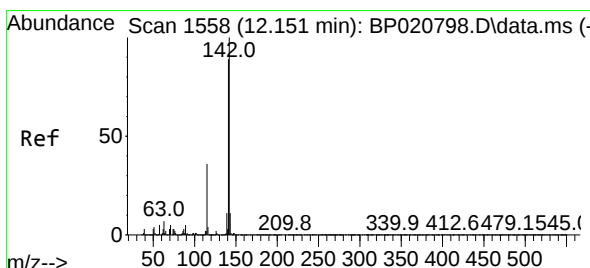
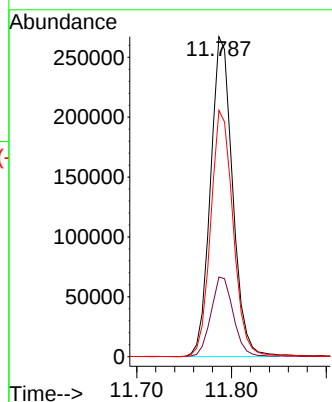
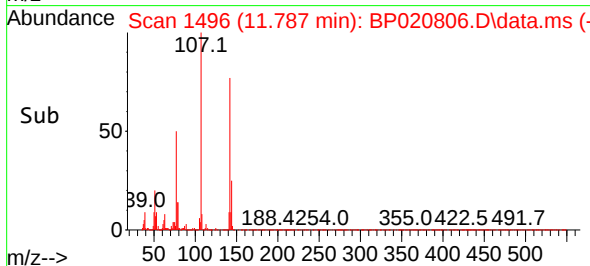
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BNA\_P  
ClientSampleId :  
A4CS4MSD



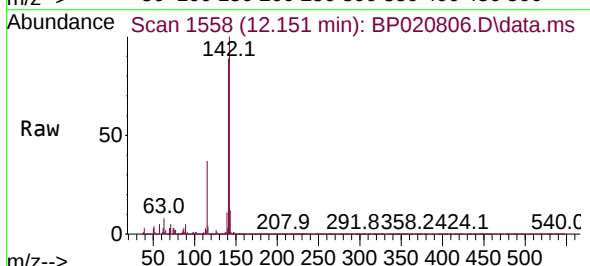
Tgt Ion:107 Resp: 431828  
Ion Ratio Lower Upper  
107 100  
144 24.9 18.3 27.5  
142 76.9 60.1 90.1

Manual Integrations  
APPROVED

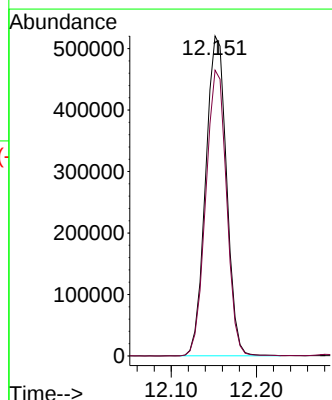
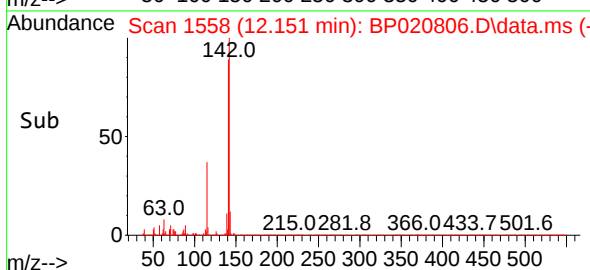
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024

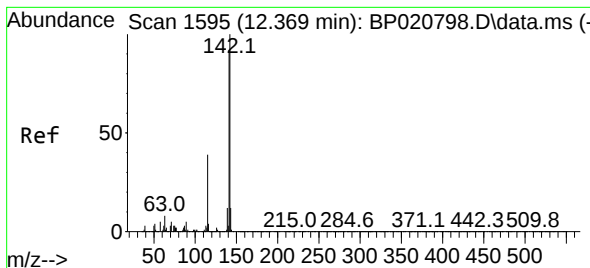


#36  
2-Methylnaphthalene  
Concen: 33.316 ng/ul  
RT: 12.151 min Scan# 1558  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07



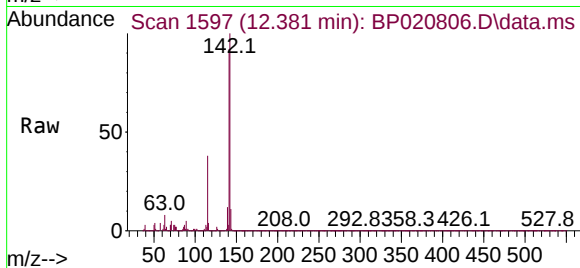
Tgt Ion:142 Resp: 885047  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.1 106.7





#37  
1-Methylnaphthalene  
Concen: 33.362 ng/ul  
RT: 12.381 min Scan# 1595  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

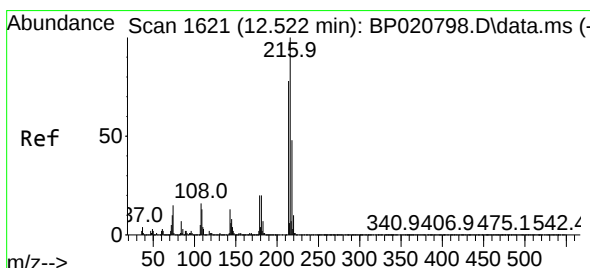
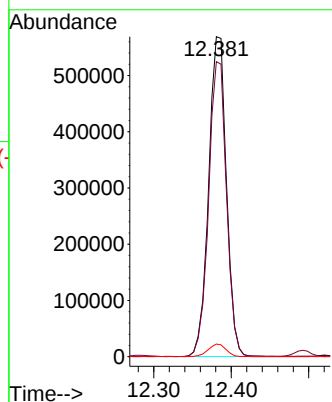
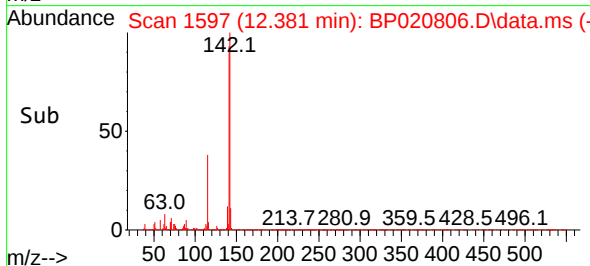
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



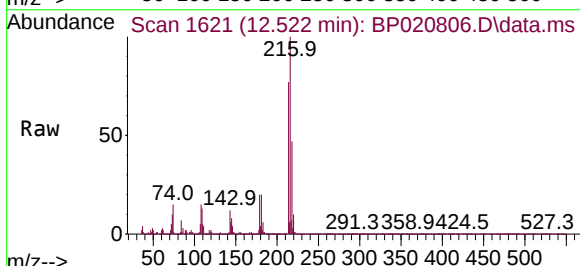
Tgt Ion:142 Resp: 905998  
Ion Ratio Lower Upper  
142 100  
141 92.2 74.9 112.3  
116 3.9 3.3 4.9

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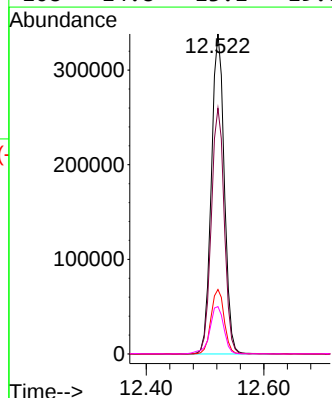
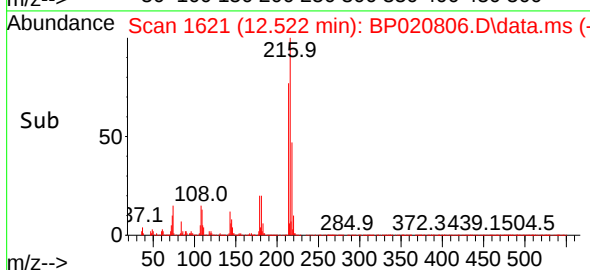
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024

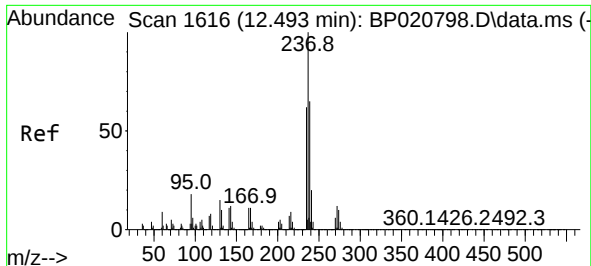


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 33.877 ng/ul  
RT: 12.522 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07



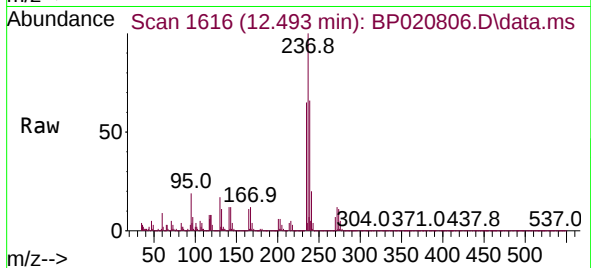
Tgt Ion:216 Resp: 517970  
Ion Ratio Lower Upper  
216 100  
214 76.8 62.9 94.3  
179 20.2 17.5 26.3  
108 14.8 13.1 19.7





#40  
Hexachlorocyclopentadiene  
Concen: 15.829 ng/ul  
RT: 12.493 min Scan# 1616  
Delta R.T. -0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

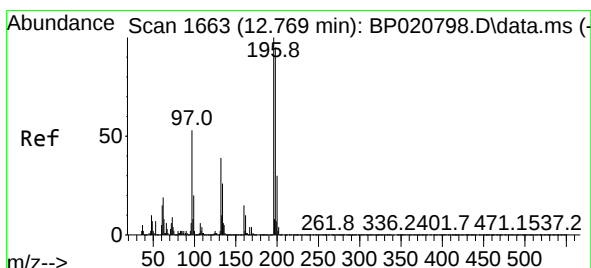
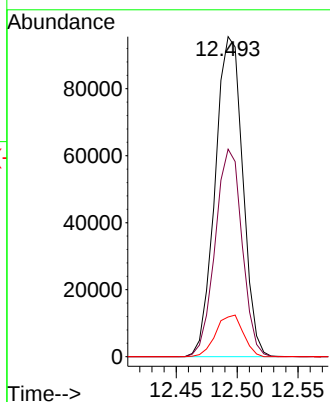
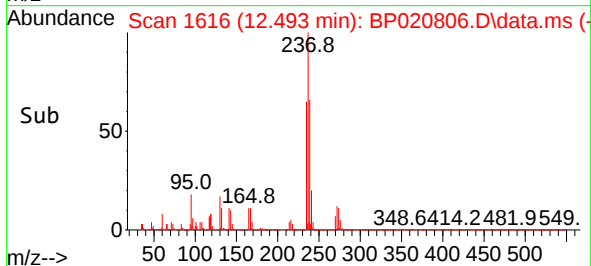
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion: 237 Resp: 15063  
Ion Ratio Lower Upper  
237 100  
235 64.8 51.1 76.7  
272 12.4 10.4 15.6

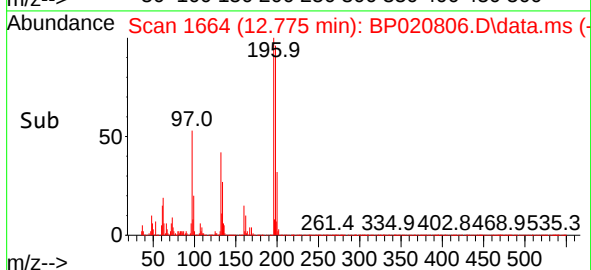
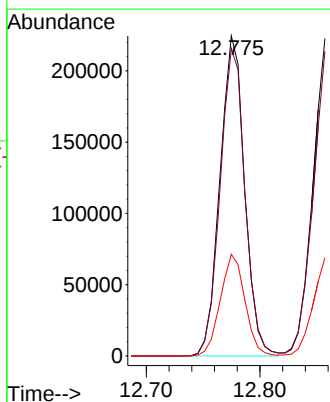
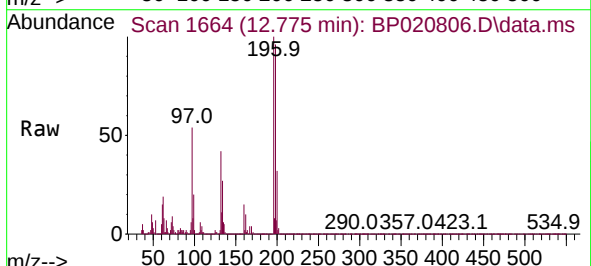
Manual Integrations  
APPROVED

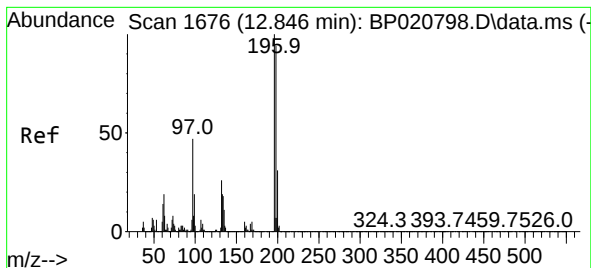
Reviewed By : Yogesh Patel 07/08/2024  
Supervised By : mohammad ahmed 07/08/2024



#41  
2,4,6-Trichlorophenol  
Concen: 37.086 ng/ul  
RT: 12.775 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Tgt Ion: 196 Resp: 338266  
Ion Ratio Lower Upper  
196 100  
198 96.1 77.0 115.4  
200 31.8 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 39.034 ng/ul

RT: 12.857 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:196 Resp: 36925

Ion Ratio Lower Upper

196 100

198 96.0 79.5 119.3

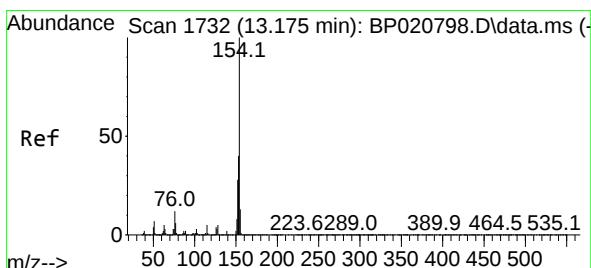
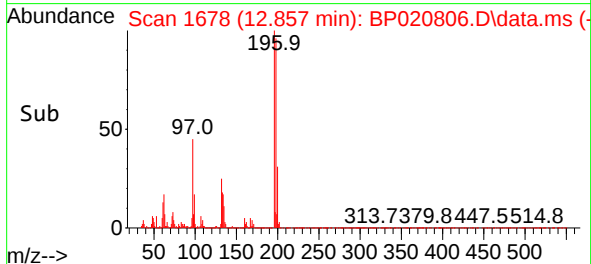
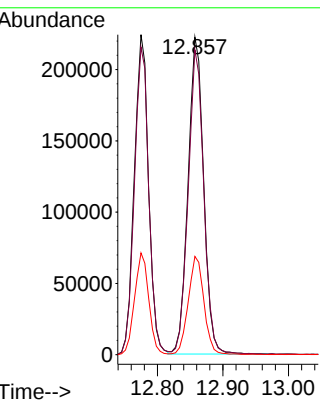
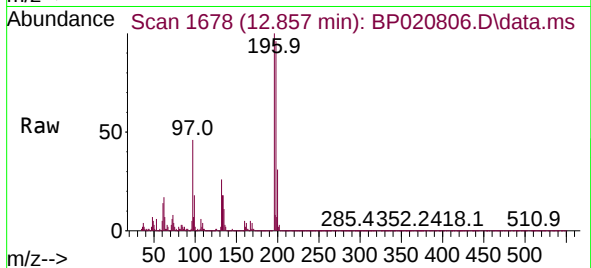
200 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#43

1,1'-Biphenyl

Concen: 32.050 ng/ul

RT: 13.175 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

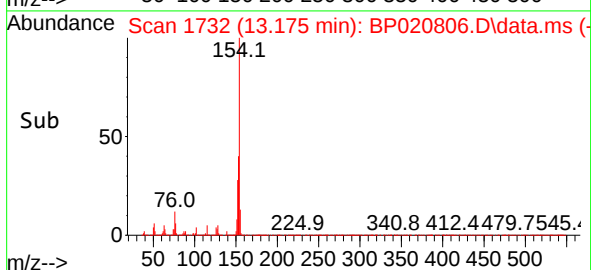
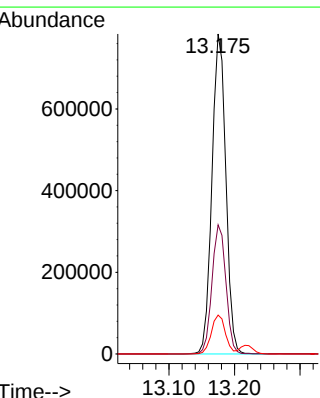
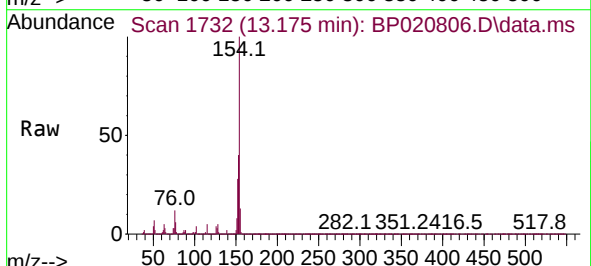
Tgt Ion:154 Resp: 1146265

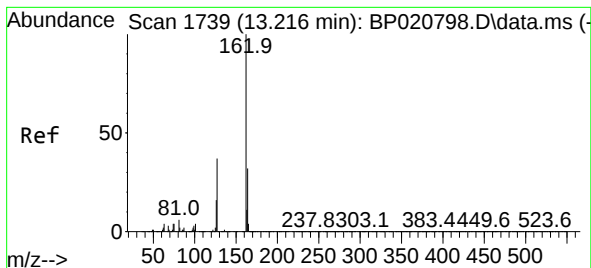
Ion Ratio Lower Upper

154 100

153 40.3 32.6 48.8

76 12.2 10.8 16.2





#44

2-Chloronaphthalene

Concen: 32.361 ng/ul

RT: 13.222 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:162 Resp: 911569

Ion Ratio Lower Upper

162 100

164 33.3 26.5 39.7

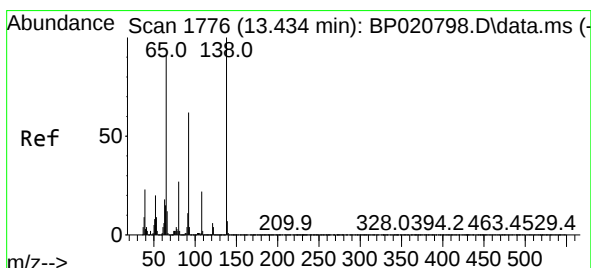
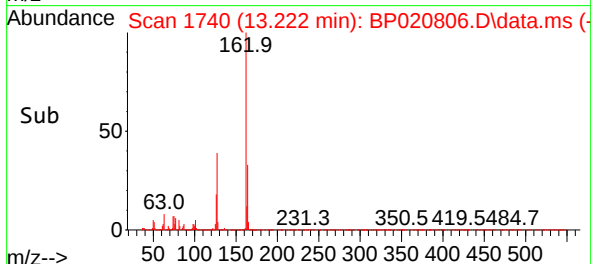
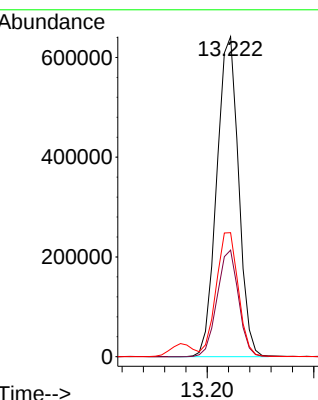
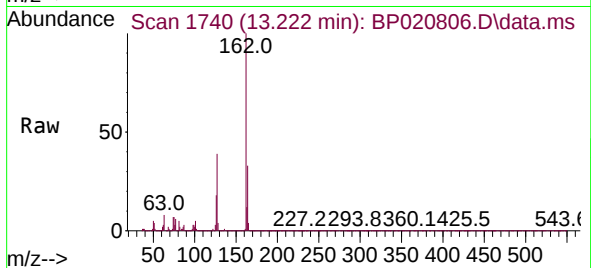
127 38.7 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#45

2-Nitroaniline

Concen: 38.839 ng/ul

RT: 13.440 min Scan# 1777

Delta R.T. 0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

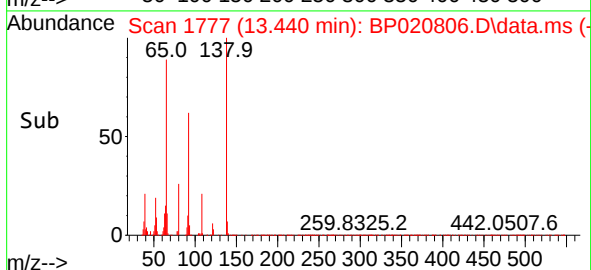
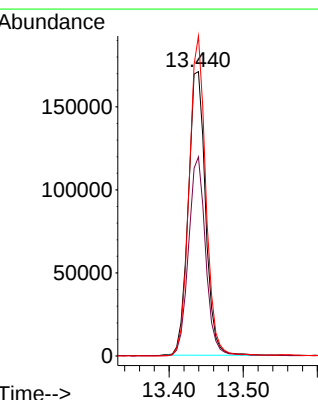
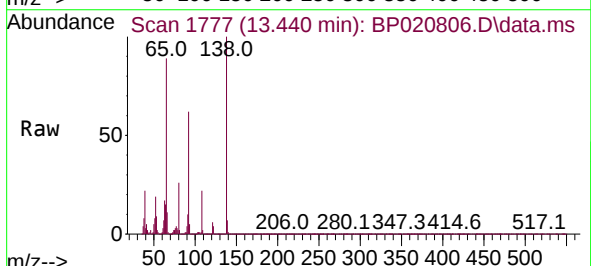
Tgt Ion: 65 Resp: 275566

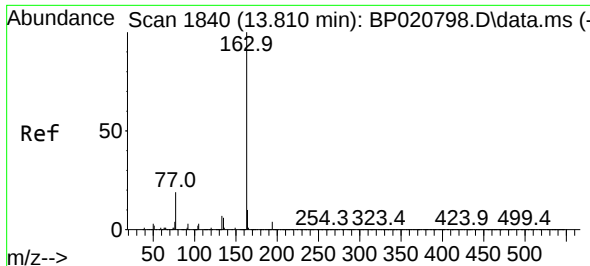
Ion Ratio Lower Upper

65 100

92 70.0 53.7 80.5

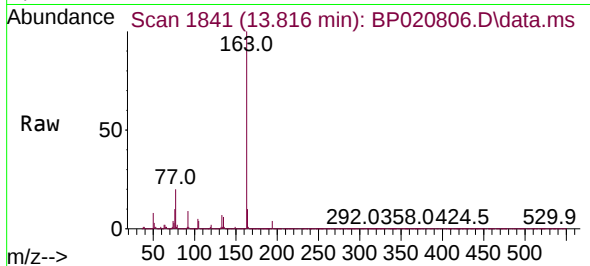
138 112.6 76.4 114.6





#47  
Dimethylphthalate  
Concen: 33.976 ng/ul  
RT: 13.816 min Scan# 1840  
Delta R.T. 0.012 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

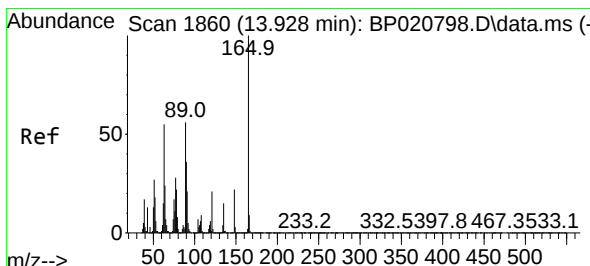
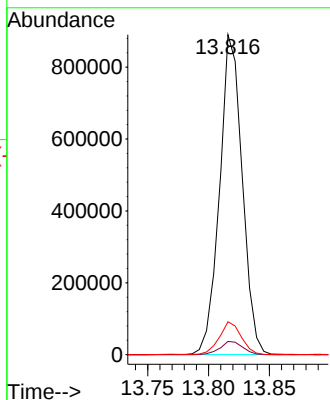
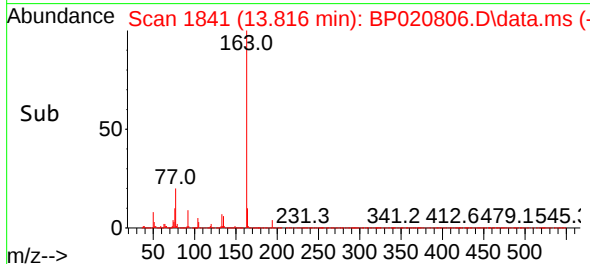
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:163 Resp: 115077  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 10.3 8.4 12.6

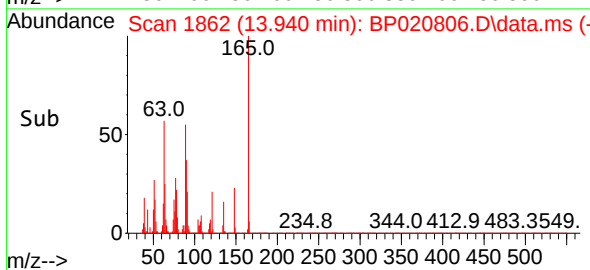
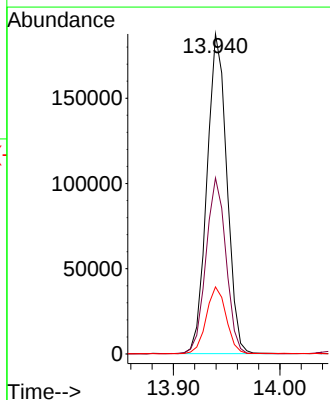
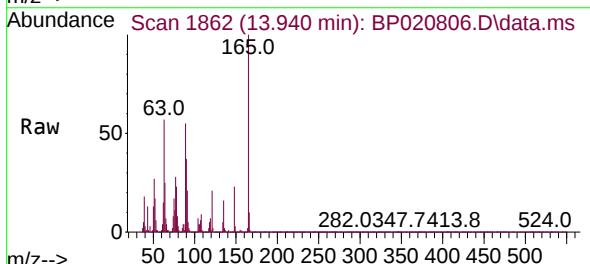
Manual Integrations  
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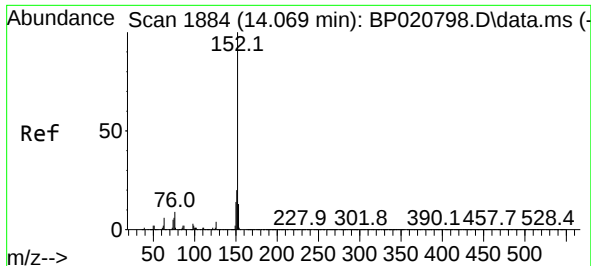
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#48  
2,6-Dinitrotoluene  
Concen: 40.379 ng/ul  
RT: 13.940 min Scan# 1862  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

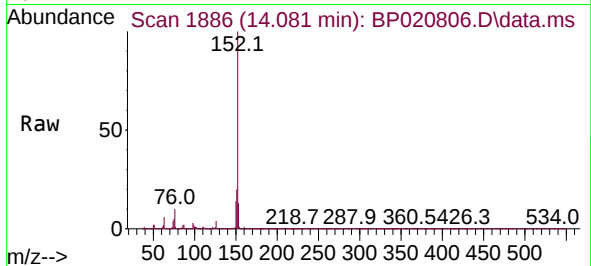
Tgt Ion:165 Resp: 243872  
Ion Ratio Lower Upper  
165 100  
89 55.0 48.7 73.1  
121 20.9 17.3 25.9





#50  
Acenaphthylene  
Concen: 35.378 ng/ul  
RT: 14.081 min Scan# 1884  
Delta R.T. 0.012 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

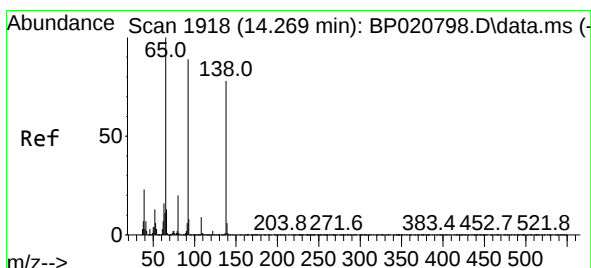
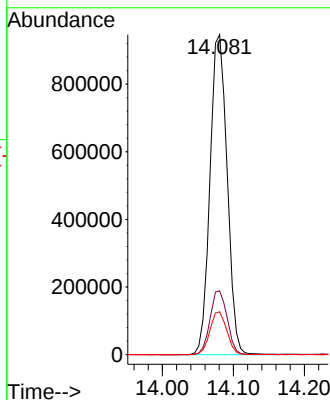
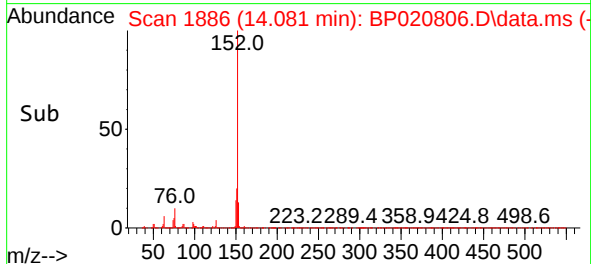
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:152 Resp: 158554  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.4  
153 13.4 10.8 16.2

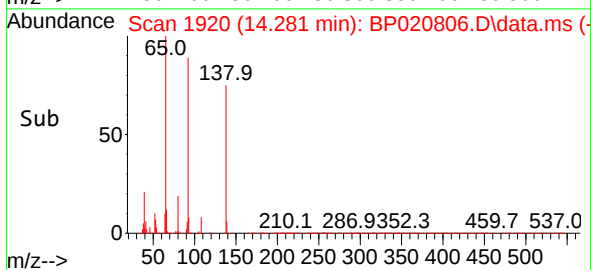
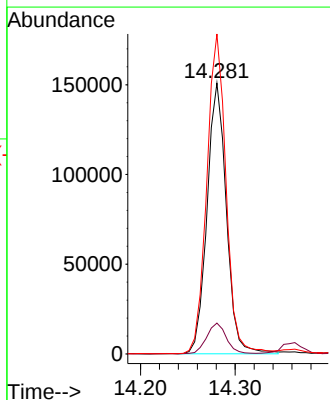
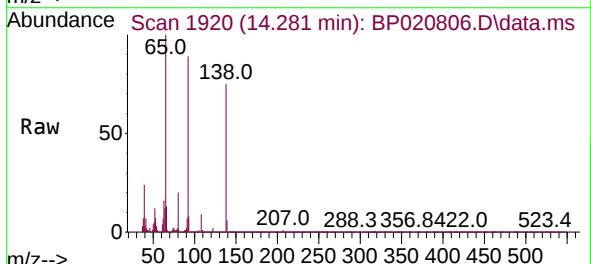
Manual Integrations  
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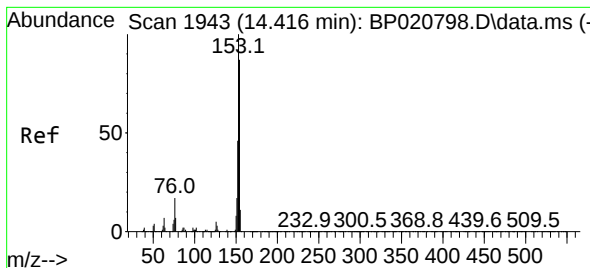
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#51  
3-Nitroaniline  
Concen: 38.062 ng/ul  
RT: 14.281 min Scan# 1920  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Tgt Ion:138 Resp: 213653  
Ion Ratio Lower Upper  
138 100  
108 11.4 10.8 16.2  
92 118.2 98.3 147.5





#52

Acenaphthene

Concen: 32.576 ng/ul

RT: 14.428 min Scan# 1943

Delta R.T. 0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:153 Resp: 968478

Ion Ratio Lower Upper

153 100

152 46.9 38.2 57.2

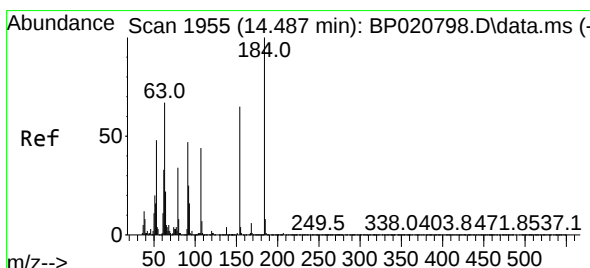
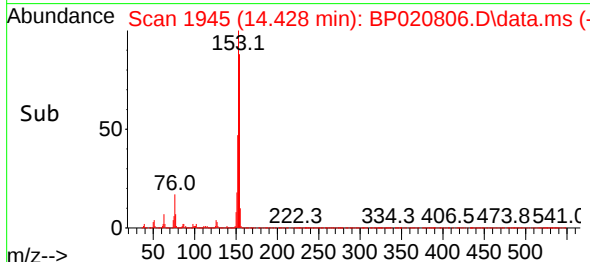
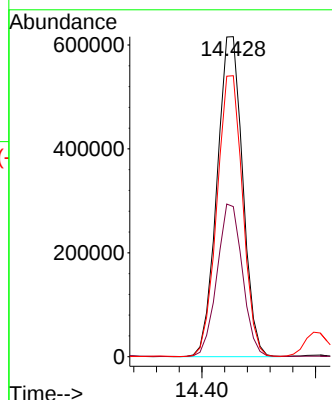
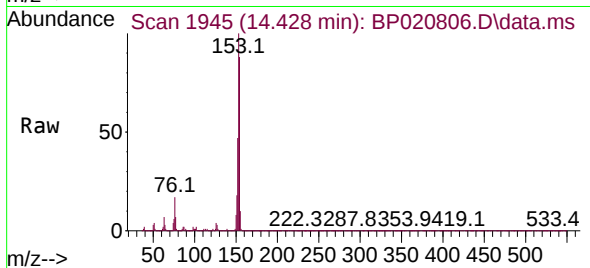
154 87.8 69.8 104.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#53

2,4-Dinitrophenol

Concen: 34.649 ng/ul

RT: 14.498 min Scan# 1957

Delta R.T. 0.018 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

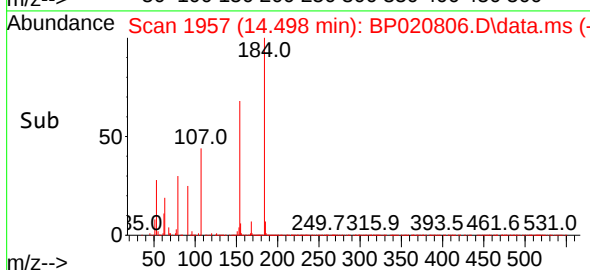
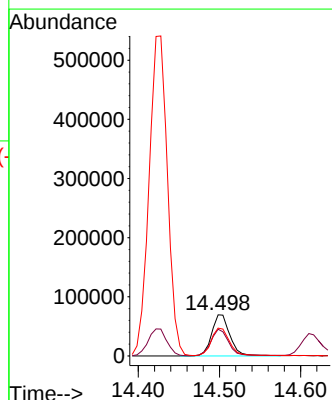
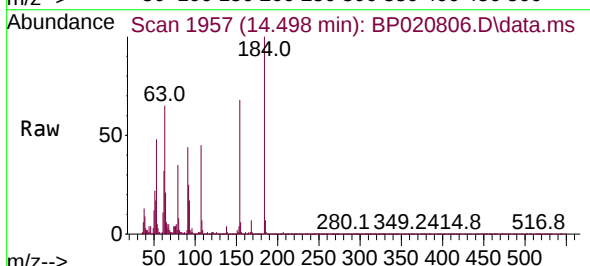
Tgt Ion:184 Resp: 108548

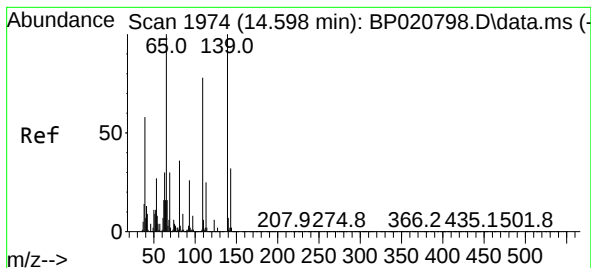
Ion Ratio Lower Upper

184 100

63 65.0 49.5 74.3

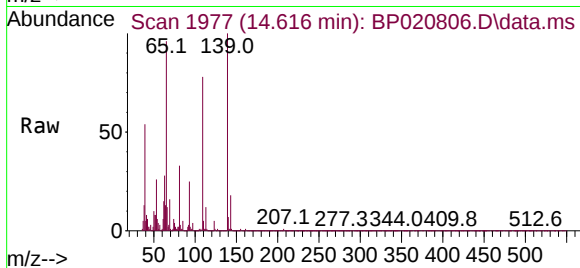
154 67.9 51.4 77.0





#55  
4-Nitrophenol  
Concen: 37.977 ng/ul  
RT: 14.616 min Scan# 1974  
Delta R.T. 0.018 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

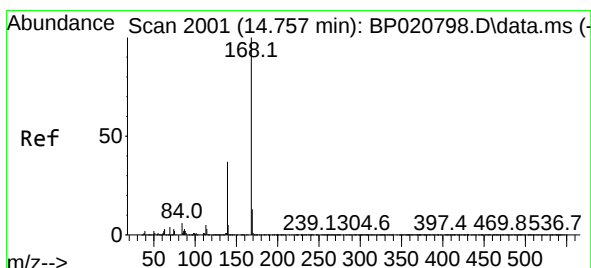
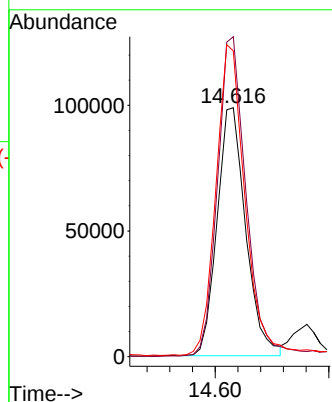
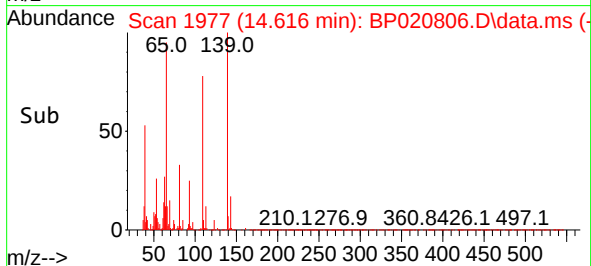
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:109 Resp: 172654  
Ion Ratio Lower Upper  
109 100  
139 128.5 97.4 146.2  
65 122.8 98.2 147.4

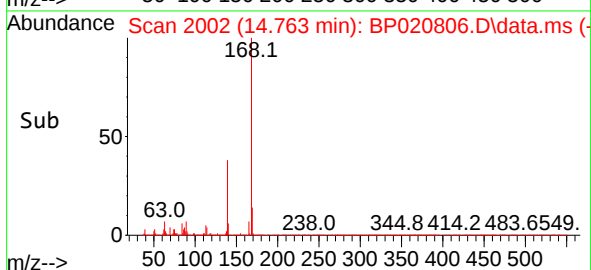
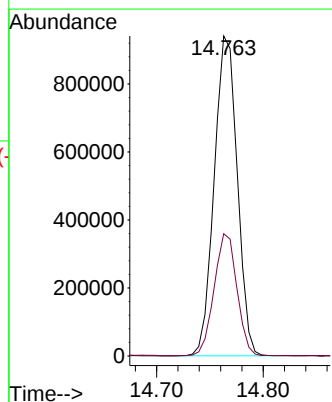
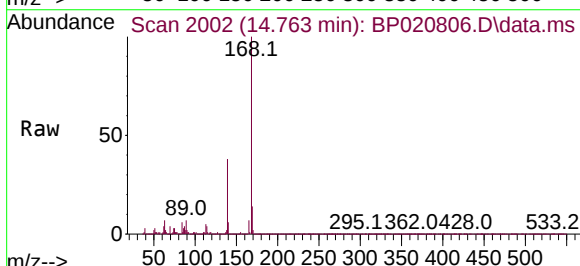
Manual Integrations  
APPROVED

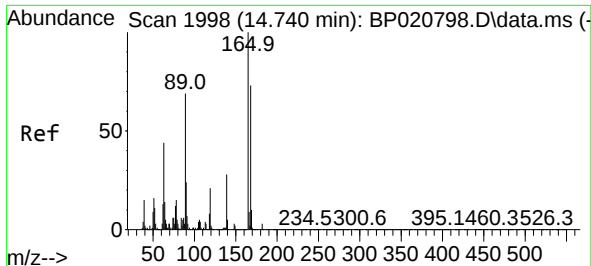
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#56  
Dibenzofuran  
Concen: 35.264 ng/ul  
RT: 14.763 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

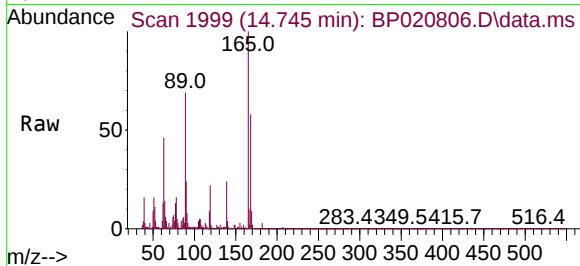
Tgt Ion:168 Resp: 1412700  
Ion Ratio Lower Upper  
168 100  
139 38.2 30.7 46.1





#57  
2,4-Dinitrotoluene  
Concen: 42.817 ng/ul  
RT: 14.745 min Scan# 1998  
Delta R.T. 0.012 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

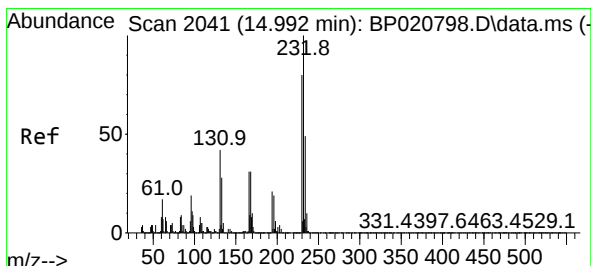
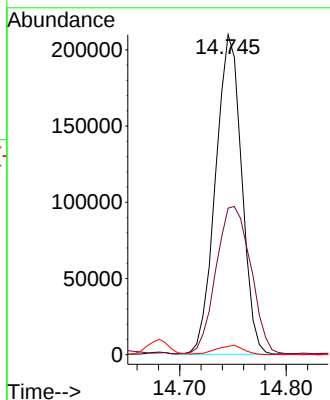
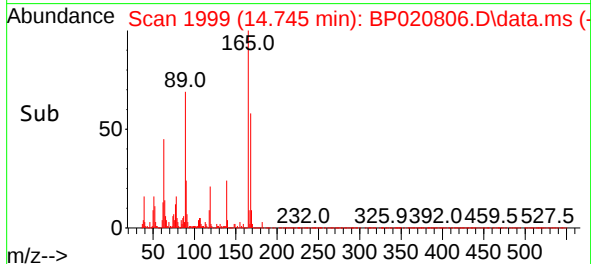
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:165 Resp: 356950  
Ion Ratio Lower Upper  
165 100  
63 45.8 38.3 57.5  
182 2.6 2.0 3.0

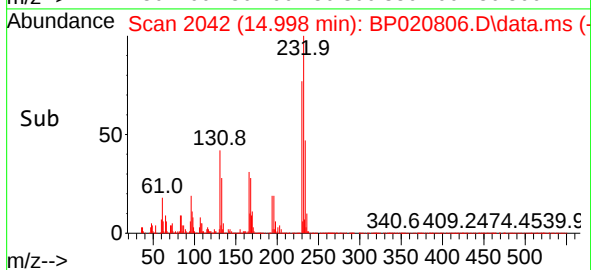
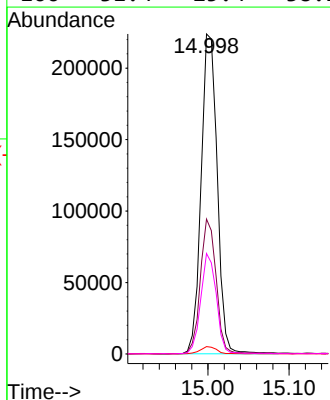
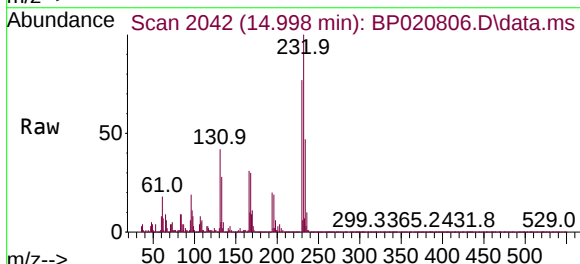
Manual Integrations  
APPROVED

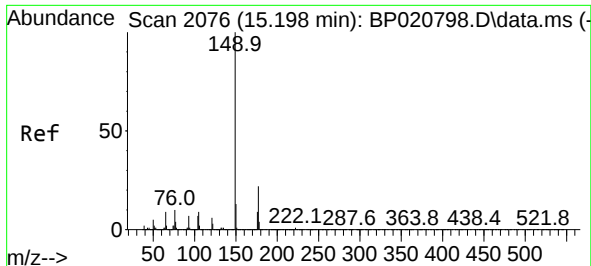
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 39.531 ng/ul  
RT: 14.998 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

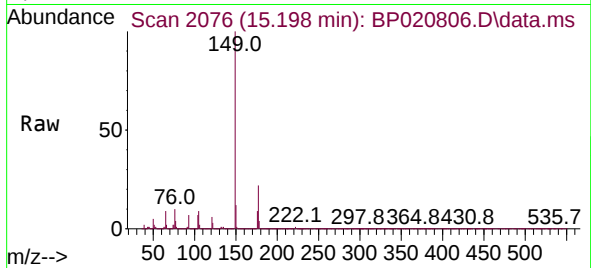
Tgt Ion:232 Resp: 308863  
Ion Ratio Lower Upper  
232 100  
131 42.1 37.3 55.9  
130 2.3 2.2 3.2  
166 31.4 25.4 38.2





#59  
Diethylphthalate  
Concen: 35.298 ng/ul  
RT: 15.198 min Scan# 2076  
Delta R.T. 0.012 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

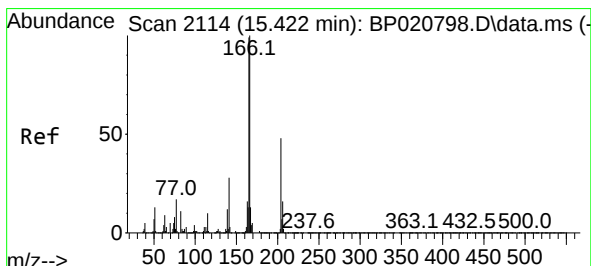
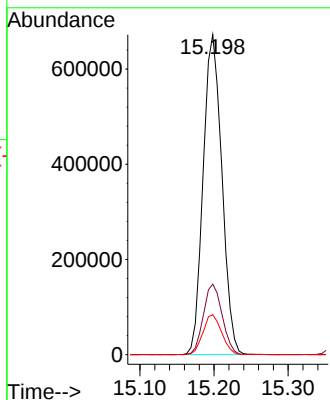
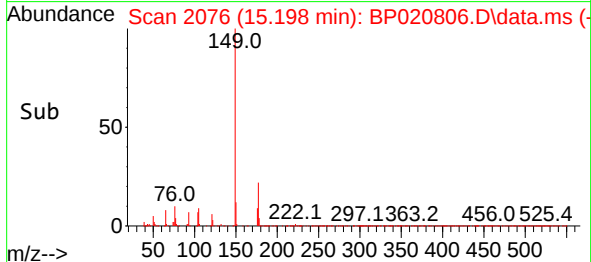
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:149 Resp: 117930  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.2 25.8  
150 12.5 10.2 15.4

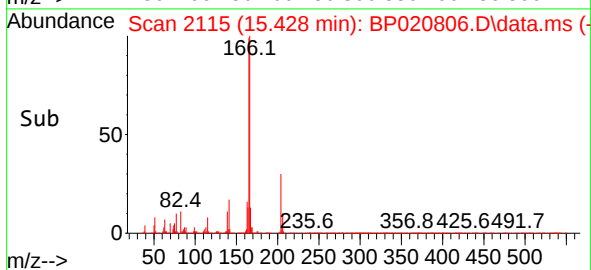
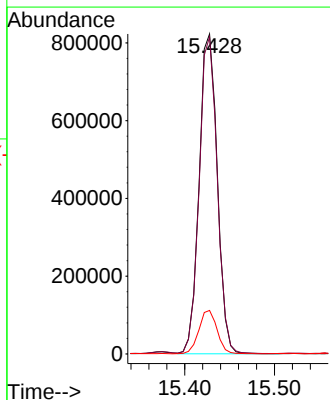
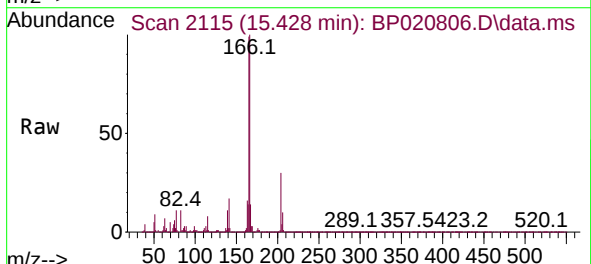
Manual Integrations  
APPROVED

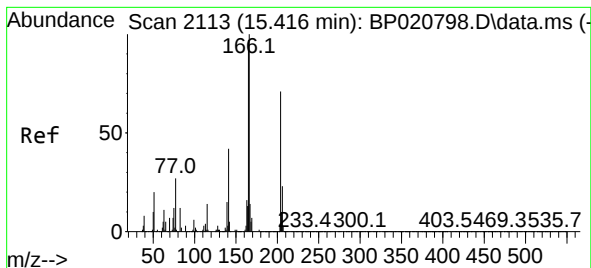
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#61  
Fluorene  
Concen: 35.819 ng/ul  
RT: 15.428 min Scan# 2115  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Tgt Ion:166 Resp: 1152912  
Ion Ratio Lower Upper  
166 100  
165 99.1 78.8 118.2  
167 13.6 11.2 16.8





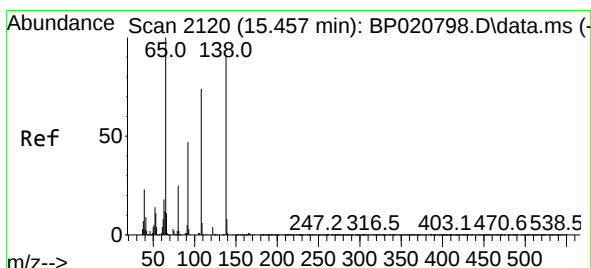
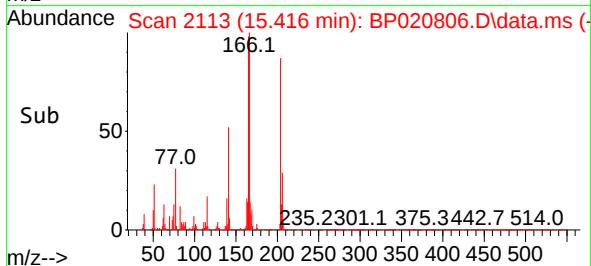
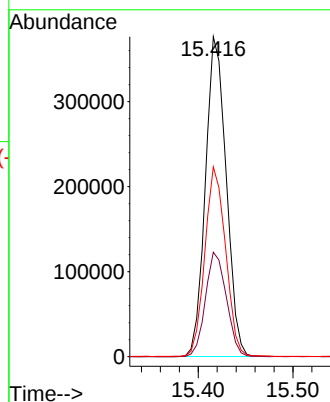
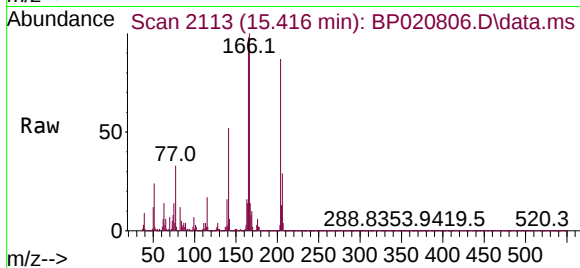
#62  
4-Chlorophenyl-phenylether  
Concen: 34.035 ng/ul  
RT: 15.416 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD

Tgt Ion:204 Resp: 571669  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.0 39.0  
141 59.3 49.0 73.4

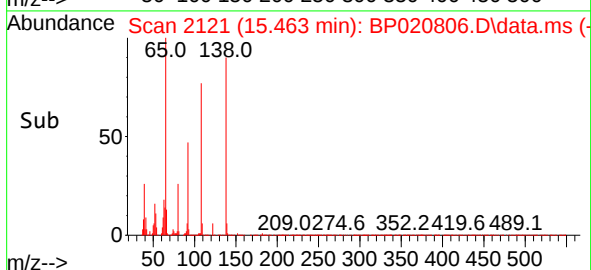
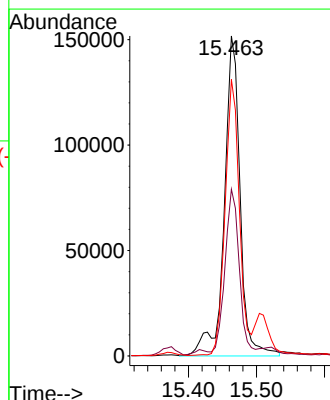
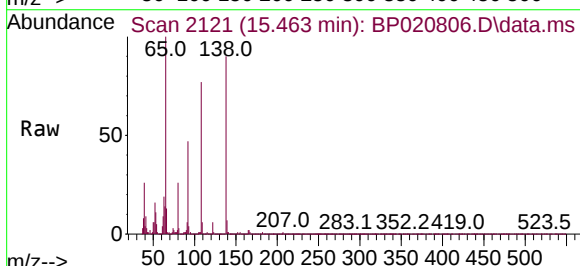
Manual Integrations  
APPROVED

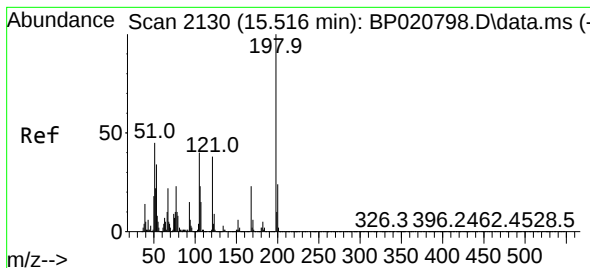
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#63  
4-Nitroaniline  
Concen: 46.126 ng/ul m  
RT: 15.463 min Scan# 2121  
Delta R.T. 0.018 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

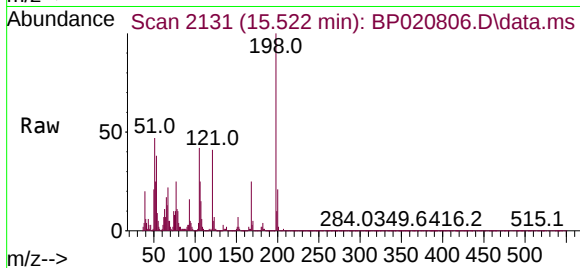
Tgt Ion:138 Resp: 245731  
Ion Ratio Lower Upper  
138 100  
92 52.1 43.7 65.5  
108 86.4 73.1 109.7





#66  
4,6-Dinitro-2-methylphenol  
Concen: 33.165 ng/ul  
RT: 15.522 min Scan# 2131  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

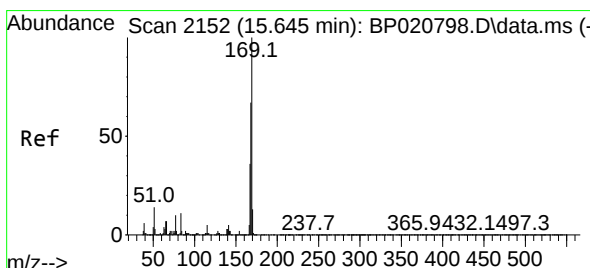
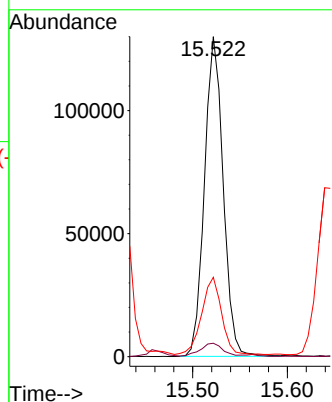
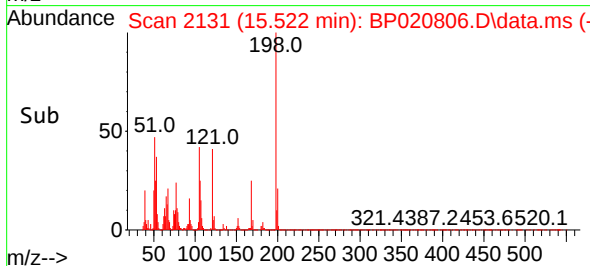
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:198 Resp: 17820  
Ion Ratio Lower Upper  
198 100  
182 4.2 3.9 5.9  
77 24.8 23.0 34.6

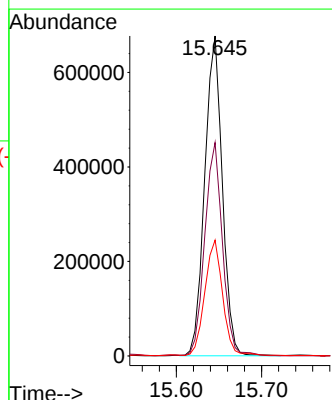
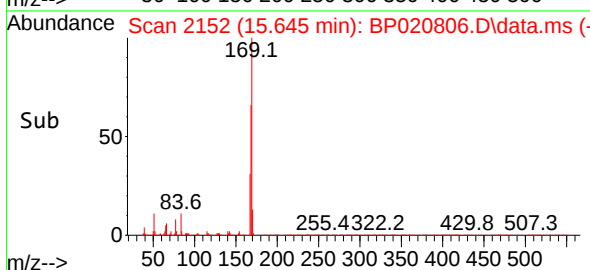
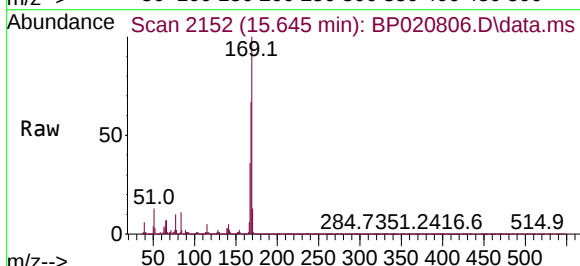
Manual Integrations  
APPROVED

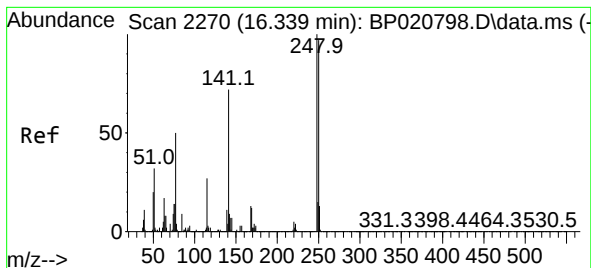
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#67  
N-Nitrosodiphenylamine  
Concen: 33.094 ng/ul  
RT: 15.645 min Scan# 2152  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

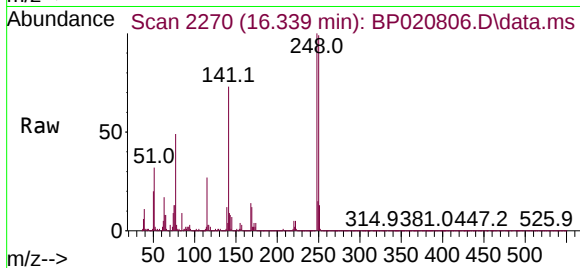
Tgt Ion:169 Resp: 971438  
Ion Ratio Lower Upper  
169 100  
168 66.7 52.7 79.1  
167 36.2 28.2 42.4





#68  
4-Bromophenyl-phenylether  
Concen: 33.640 ng/ul  
RT: 16.339 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

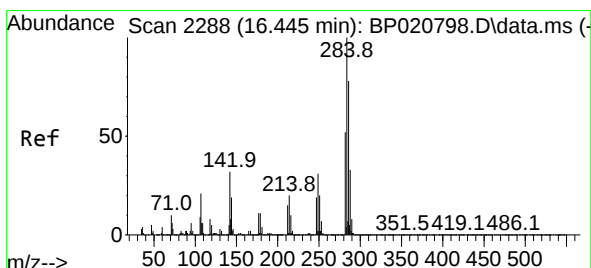
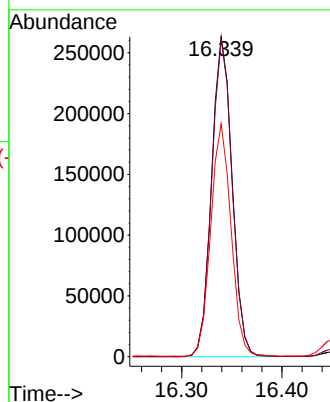
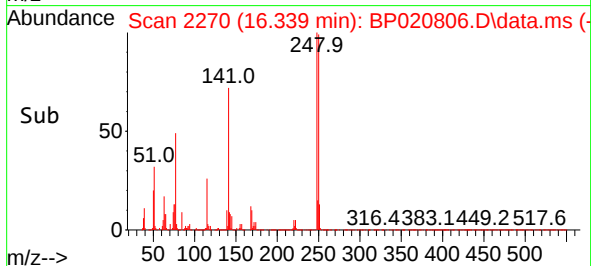
Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD



Tgt Ion:248 Resp: 373484  
Ion Ratio Lower Upper  
248 100  
250 99.1 78.4 117.6  
141 72.8 63.0 94.4

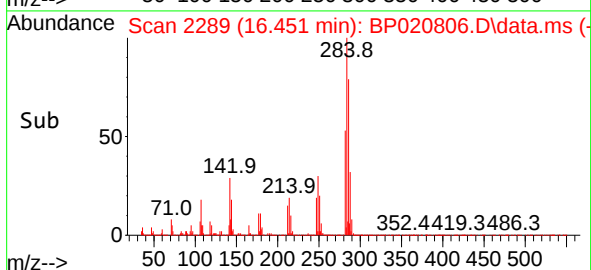
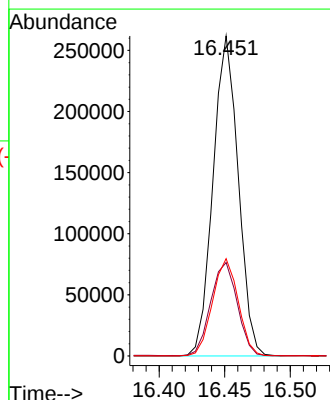
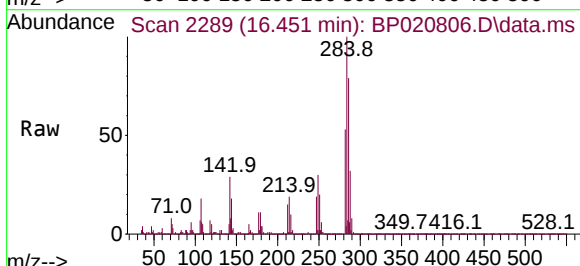
Manual Integrations  
APPROVED

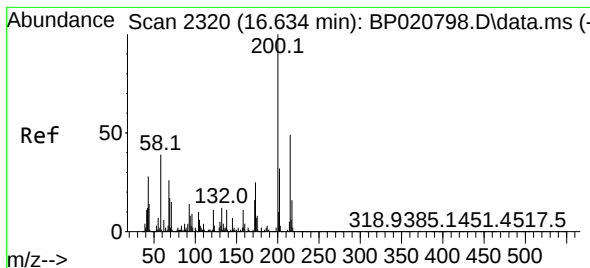
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#69  
Hexachlorobenzene  
Concen: 28.110 ng/ul  
RT: 16.451 min Scan# 2289  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Tgt Ion:284 Resp: 349362  
Ion Ratio Lower Upper  
284 100  
142 29.2 29.6 44.4#  
249 30.4 26.5 39.7





#70

Atrazine

Concen: 26.419 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:200 Resp: 273389

Ion Ratio Lower Upper

200 100

173 26.7 21.2 31.8

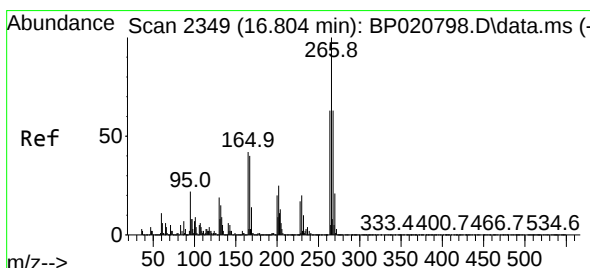
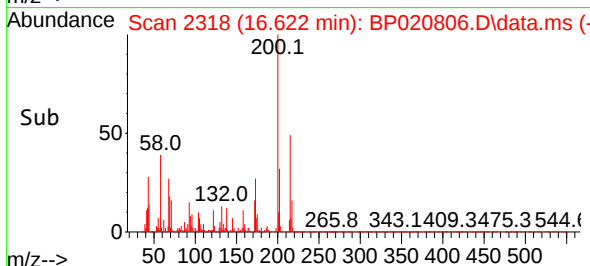
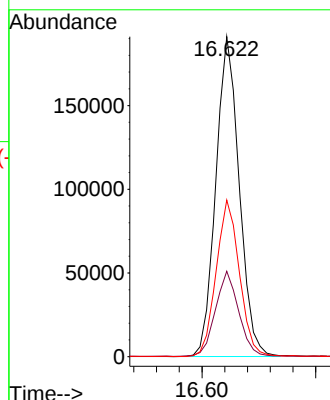
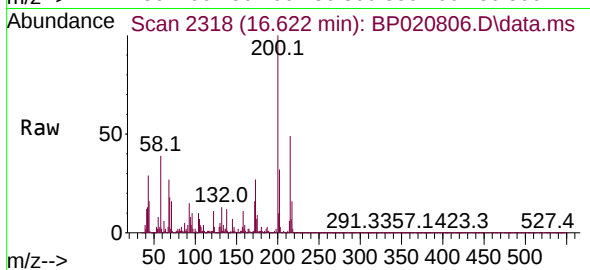
215 49.0 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#71

Pentachlorophenol

Concen: 34.909 ng/ul

RT: 16.816 min Scan# 2351

Delta R.T. 0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

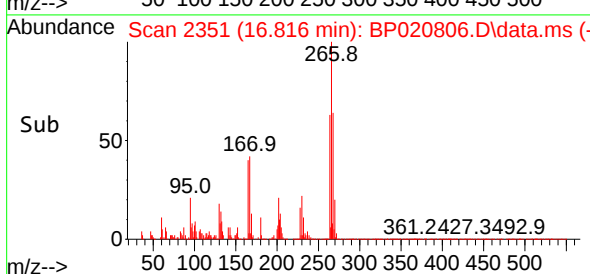
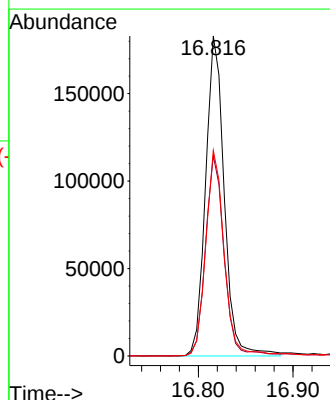
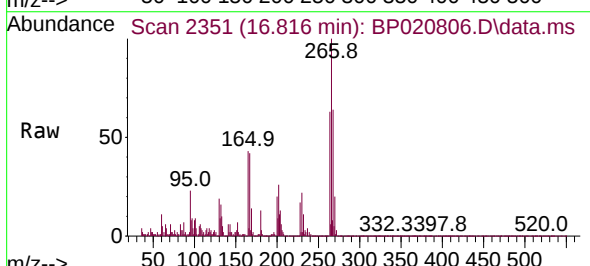
Tgt Ion:266 Resp: 249778

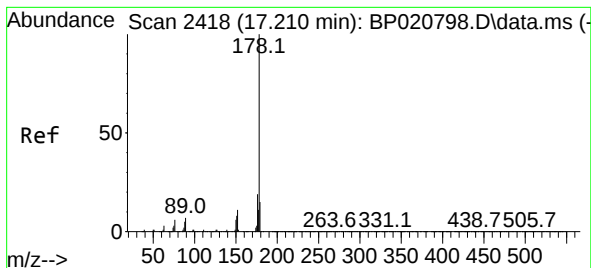
Ion Ratio Lower Upper

266 100

264 62.6 48.1 72.1

268 64.2 49.8 74.8





#72

Phenanthrene

Concen: 58.612 ng/u1

RT: 17.222 min Scan# 2418

Delta R.T. 0.018 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:178 Resp: 305494

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

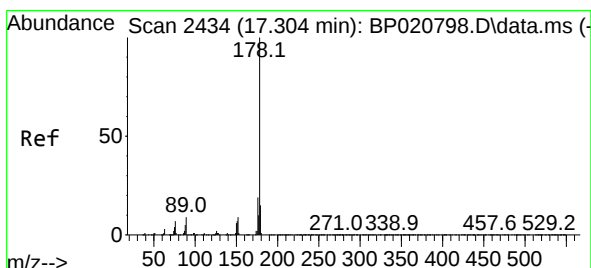
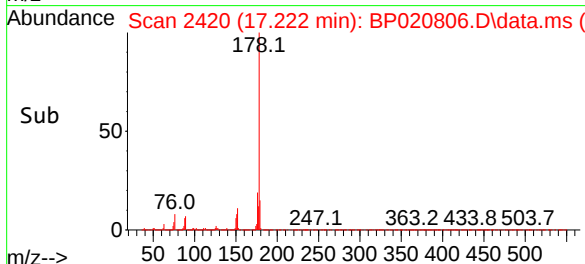
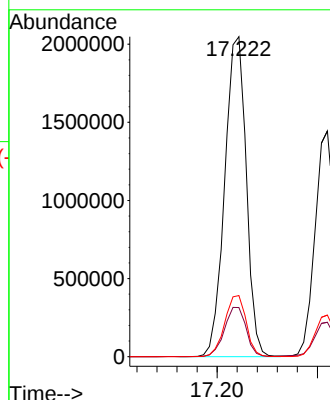
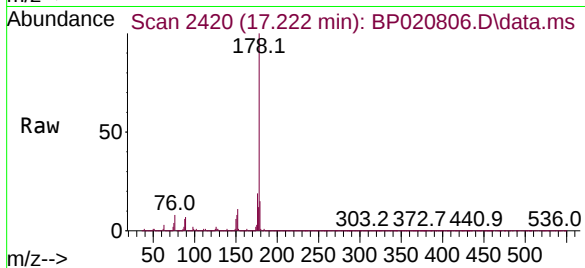
176 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#74

Anthracene

Concen: 37.210 ng/u1

RT: 17.310 min Scan# 2435

Delta R.T. 0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

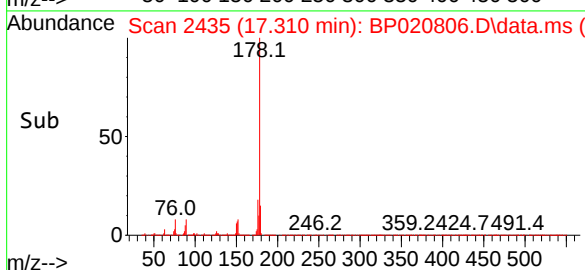
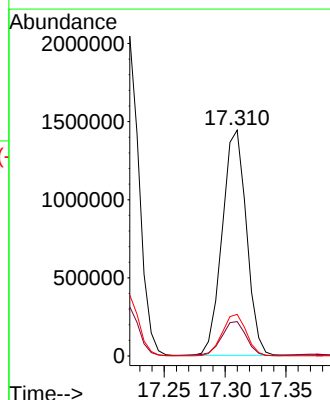
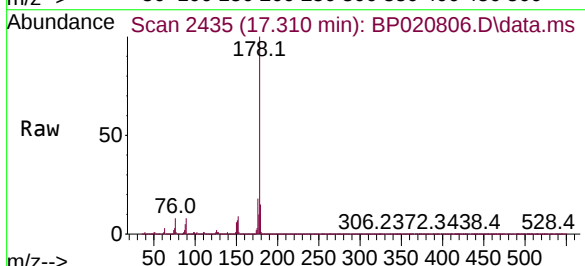
Tgt Ion:178 Resp: 1994979

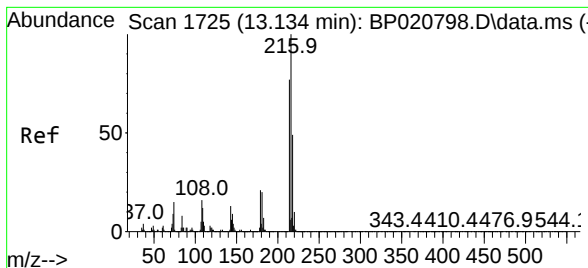
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 18.5 15.0 22.4





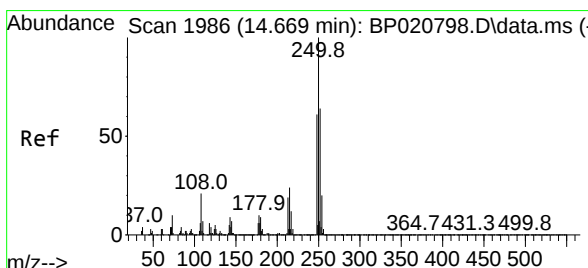
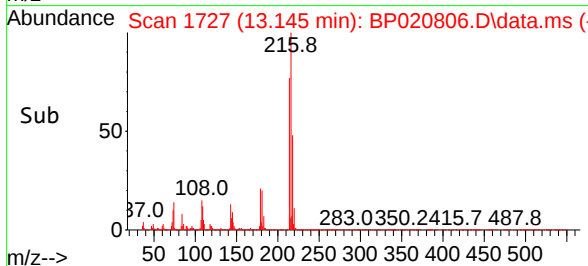
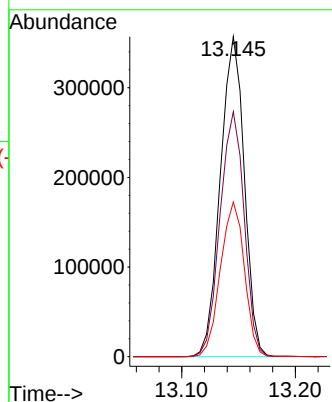
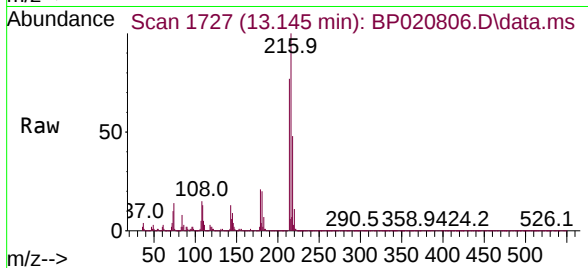
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 32.414 ng/uL  
RT: 13.145 min Scan# 1725  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

Instrument :  
BNA\_P  
ClientSampleId :  
A4CS4MSD

Tgt Ion:216 Resp: 523714  
Ion Ratio Lower Upper  
216 100  
214 76.6 61.1 91.7  
218 48.3 38.0 57.0

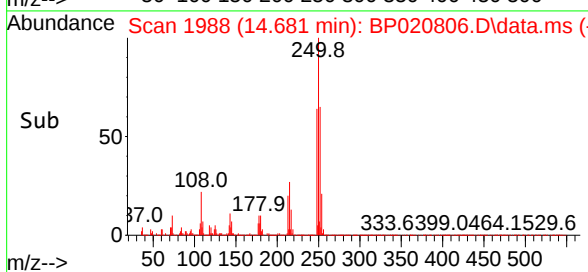
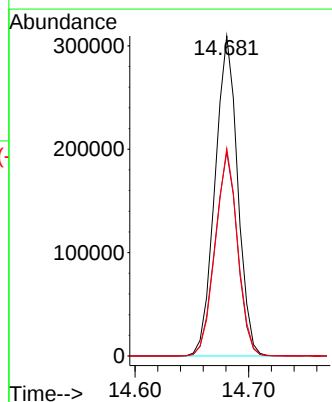
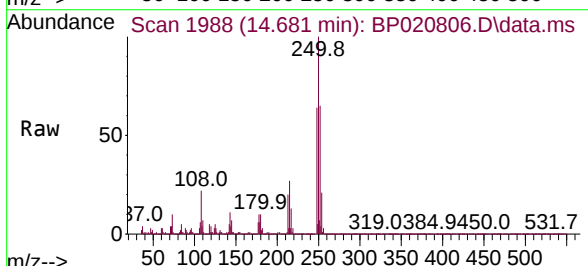
Manual Integrations  
APPROVED

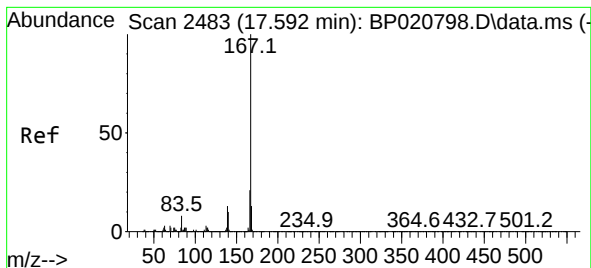
Reviewed By :Yogesh Patel 07/08/2024  
Supervised By :mohammad ahmed 07/08/2024



#76  
Pentachlorobenzene  
Concen: 27.824 ng/uL  
RT: 14.681 min Scan# 1988  
Delta R.T. 0.006 min  
Lab File: BP020806.D  
Acq: 06 Jul 2024 04:07

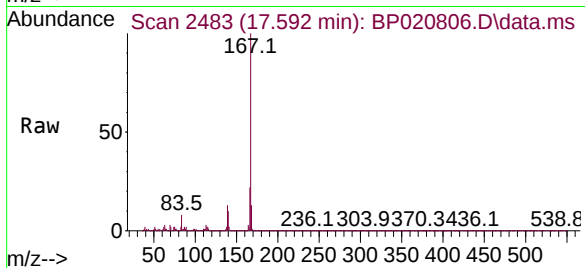
Tgt Ion:250 Resp: 428458  
Ion Ratio Lower Upper  
250 100  
248 63.7 50.6 75.8  
252 64.8 51.8 77.8





#77  
 Carbazole  
 Concen: 33.826 ng/ul  
 RT: 17.592 min Scan# 2483  
 Delta R.T. 0.006 min  
 Lab File: BP020806.D  
 Acq: 06 Jul 2024 04:07

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CS4MSD

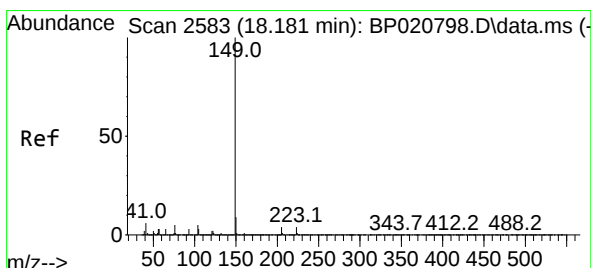
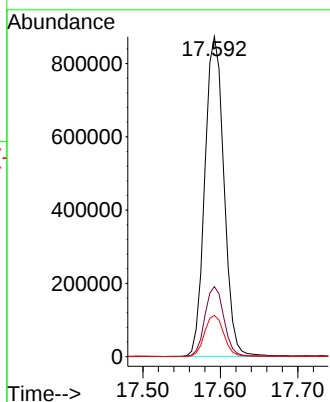
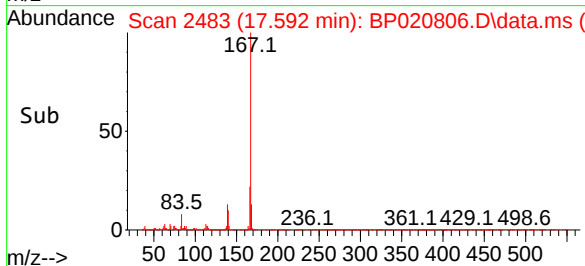


Tgt Ion:167 Resp: 149669  

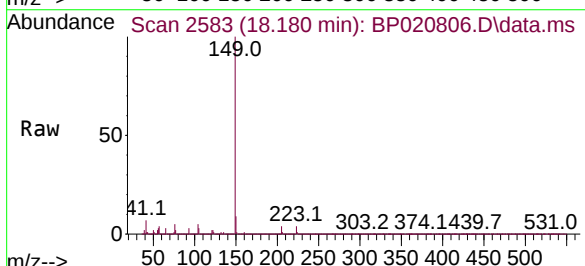
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.2  | 25.8  |
| 139 | 12.9  | 10.6  | 16.0  |

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/08/2024

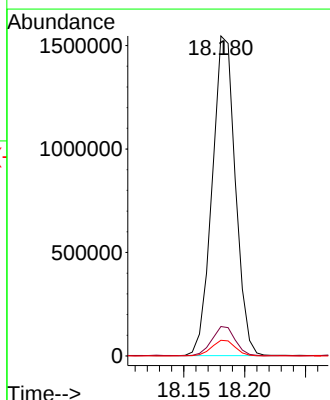
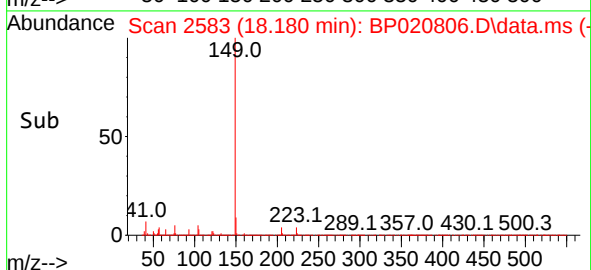


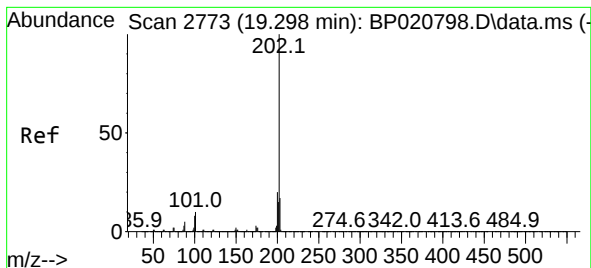
#78  
 Di-n-butylphthalate  
 Concen: 35.600 ng/ul  
 RT: 18.180 min Scan# 2583  
 Delta R.T. 0.012 min  
 Lab File: BP020806.D  
 Acq: 06 Jul 2024 04:07



Tgt Ion:149 Resp: 2045912  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.0  |
| 104 | 4.9   | 4.1   | 6.1   |





#80

Fluoranthene

Concen: 63.664 ng/ul

RT: 19.310 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

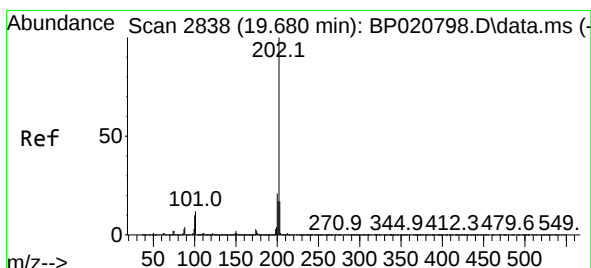
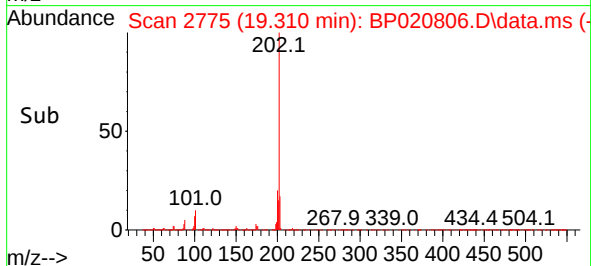
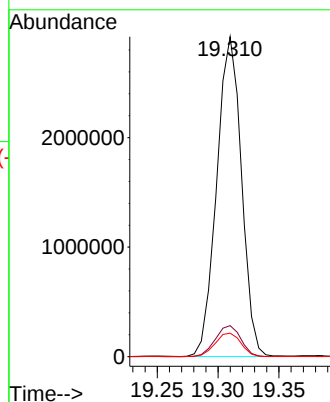
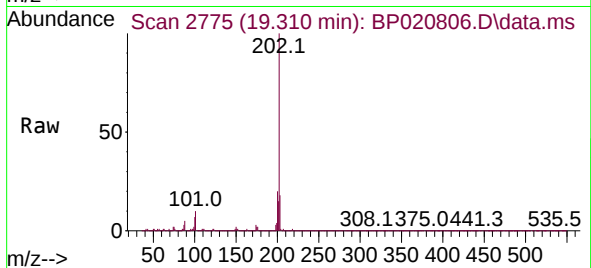
Tgt Ion:202 Resp: 4129944  
 Ion Ratio Lower Upper  
 202 100  
 101 9.7 8.2 12.4  
 100 7.4 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#82

Pyrene

Concen: 51.744 ng/ul

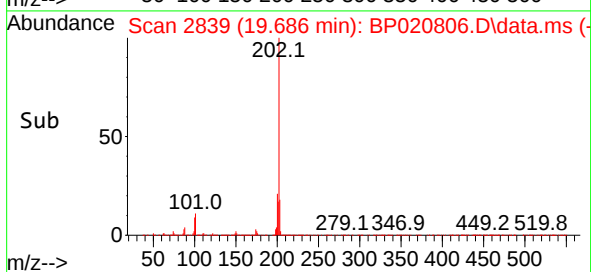
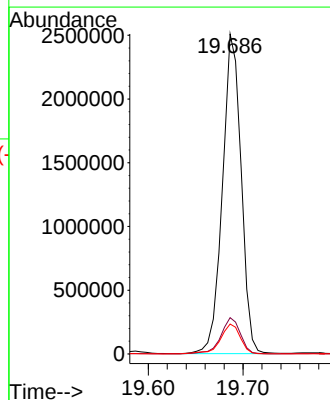
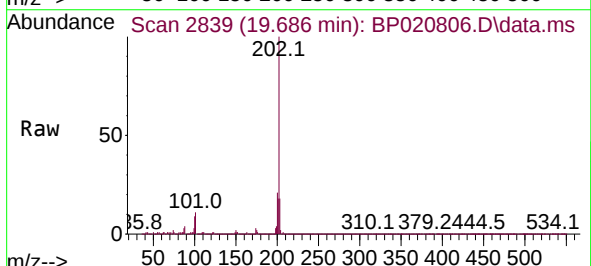
RT: 19.686 min Scan# 2839

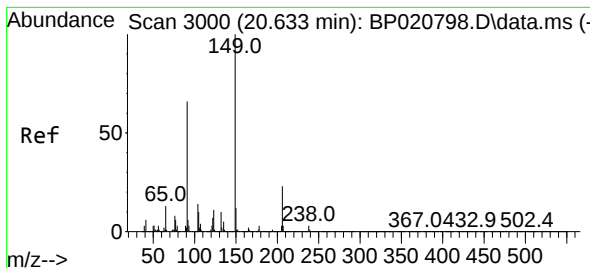
Delta R.T. 0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Tgt Ion:202 Resp: 3442552  
 Ion Ratio Lower Upper  
 202 100  
 101 11.4 9.8 14.8  
 100 9.3 7.9 11.9





#83

Butylbenzylphthalate

Concen: 35.399 ng/ul

RT: 20.633 min Scan# 3000

Delta R.T. -0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

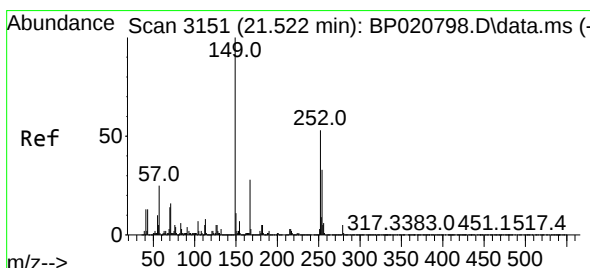
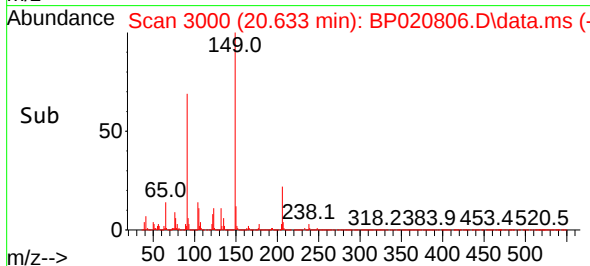
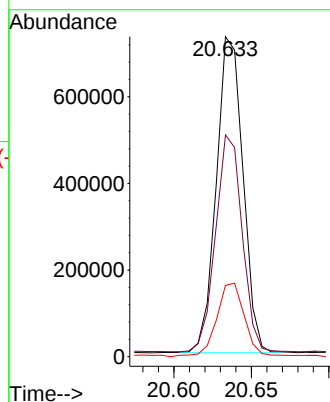
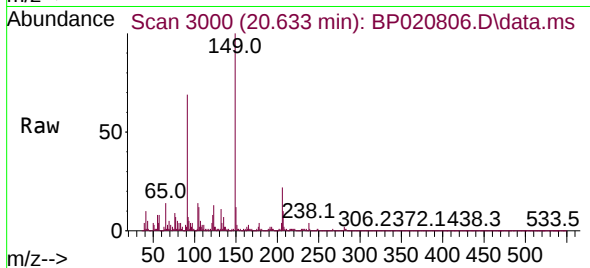
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 874500 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 69.3  | 58.0  | 87.0   |
| 206       | 22.3  | 17.3  | 25.9   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#84

3,3'-Dichlorobenzidine

Concen: 12.451 ng/ul

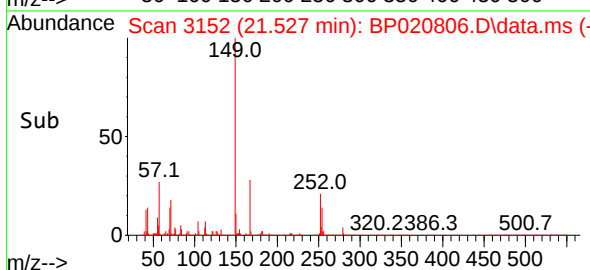
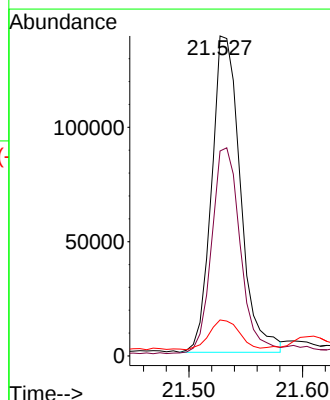
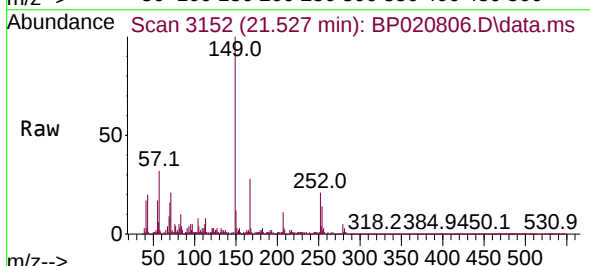
RT: 21.527 min Scan# 3152

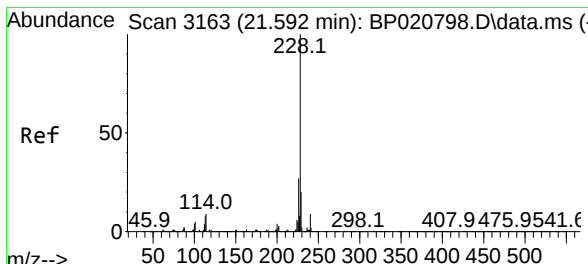
Delta R.T. -0.000 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 243361 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.1  | 53.0  | 79.6   |
| 126       | 11.3  | 8.5   | 12.7   |





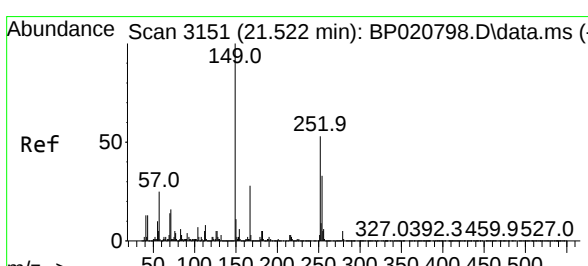
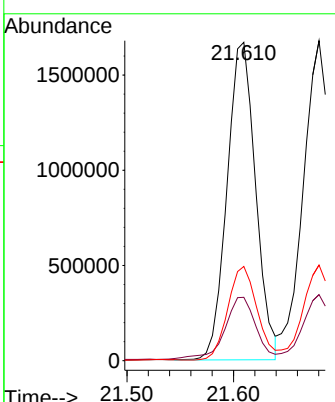
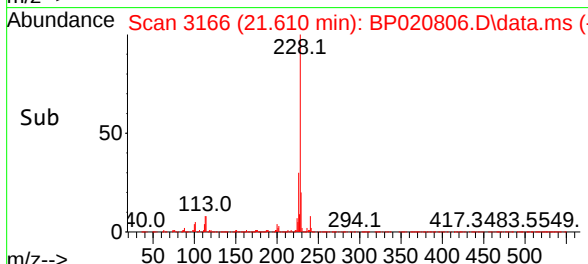
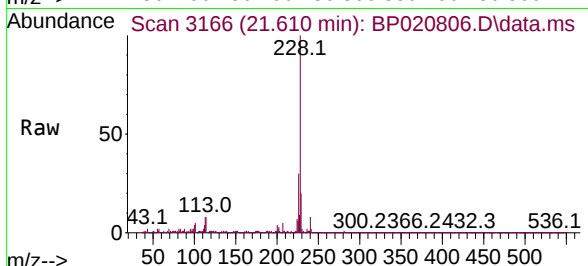
#85  
 Benzo(a)anthracene  
 Concen: 50.298 ng/ul  
 RT: 21.610 min Scan# 3166  
 Delta R.T. 0.012 min  
 Lab File: BP020806.D  
 Acq: 06 Jul 2024 04:07

Instrument : BNA\_P  
 ClientSampleId : A4CS4MSD

Tgt Ion: 228 Resp: 311655

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.9  | 15.2  | 22.8  |
| 226 | 29.6  | 21.1  | 31.7  |

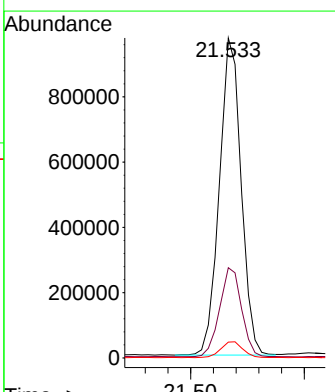
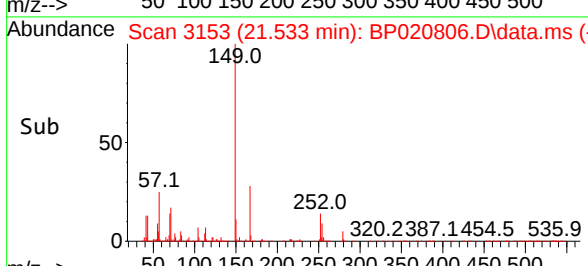
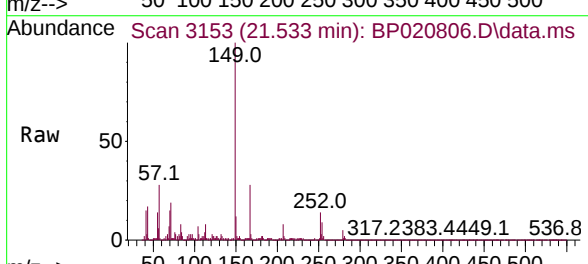
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/08/2024

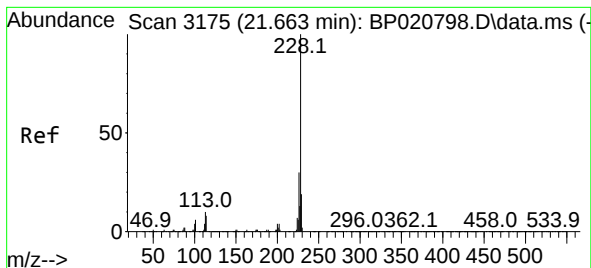


#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.660 ng/ul  
 RT: 21.533 min Scan# 3153  
 Delta R.T. -0.006 min  
 Lab File: BP020806.D  
 Acq: 06 Jul 2024 04:07

Tgt Ion: 149 Resp: 1291093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 22.0  | 33.0  |
| 279 | 5.0   | 3.3   | 4.9   |





#87

Chrysene

Concen: 50.190 ng/ul

RT: 21.680 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:228 Resp: 2939490

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

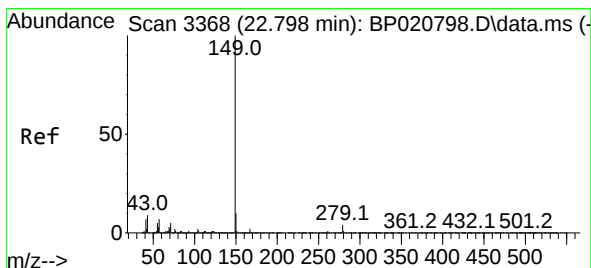
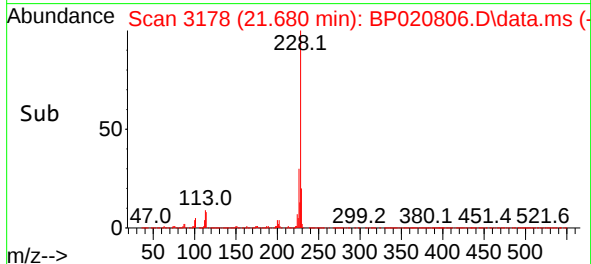
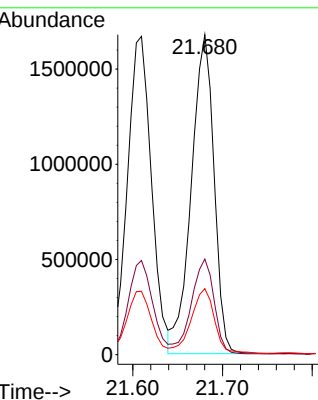
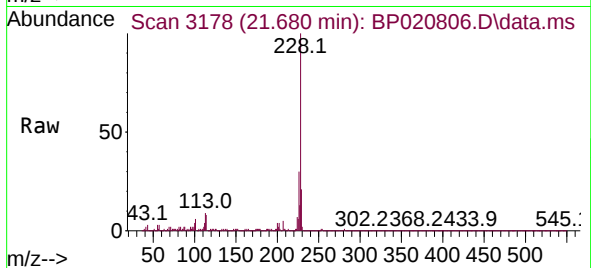
229 20.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#89

Di-n-octyl phthalate

Concen: 32.716 ng/ul

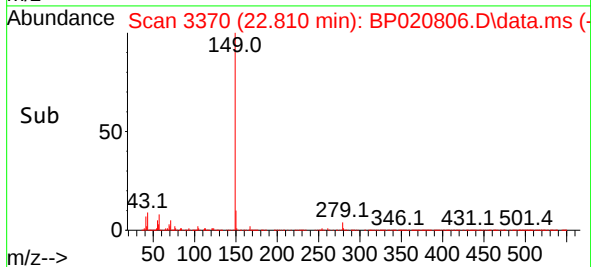
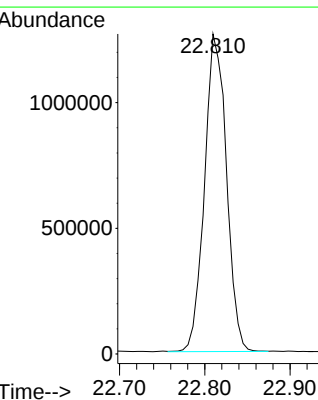
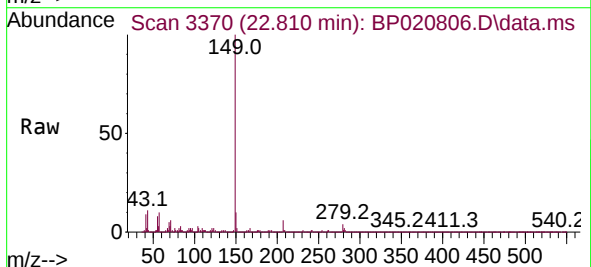
RT: 22.810 min Scan# 3370

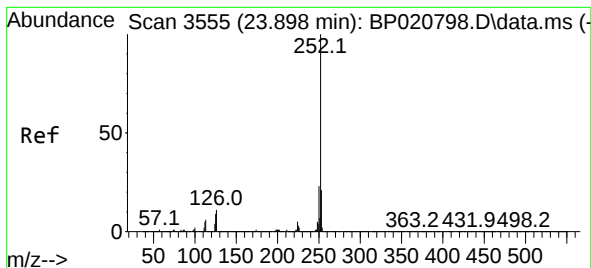
Delta R.T. -0.000 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Tgt Ion:149 Resp: 2256998





#90

Benzo(b)fluoranthene

Concen: 53.542 ng/ul

RT: 23.915 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:252 Resp: 348574

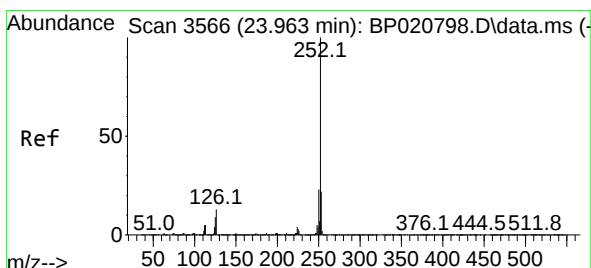
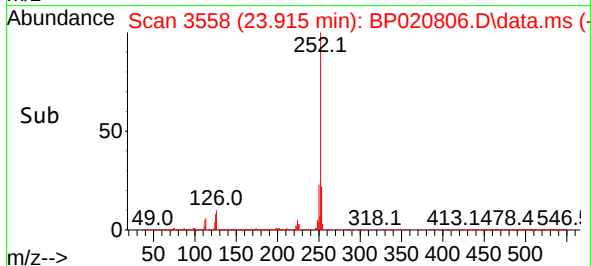
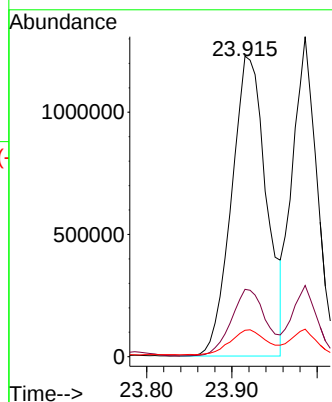
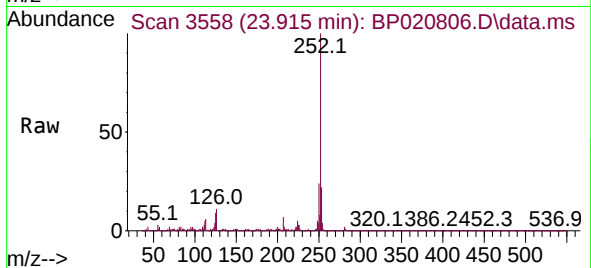
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 17.5  | 26.3  |
| 125 | 8.8   | 7.9   | 11.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#91

Benzo(k)fluoranthene

Concen: 39.801 ng/ul

RT: 23.986 min Scan# 3570

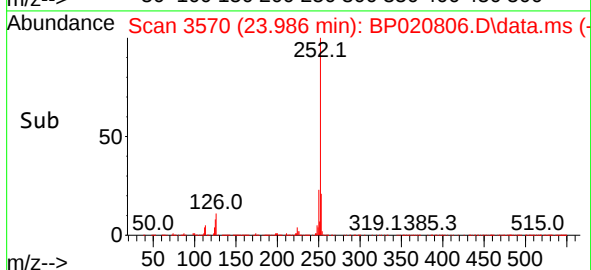
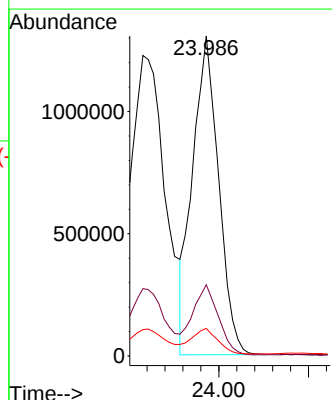
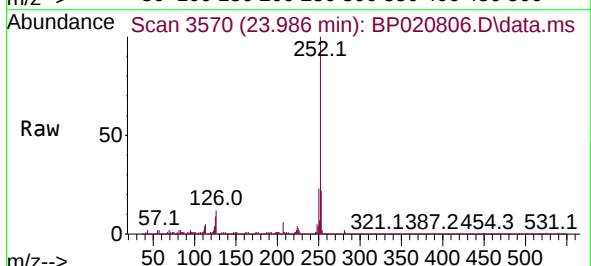
Delta R.T. 0.012 min

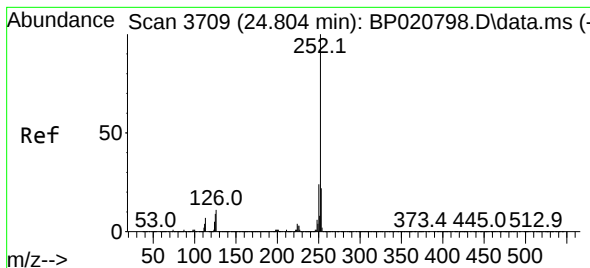
Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Tgt Ion:252 Resp: 2621102

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.6  | 26.4  |
| 125 | 8.6   | 7.9   | 11.9  |





#93

Benzo(a)pyrene

Concen: 27.364 ng/ul

RT: 24.815 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:252 Resp: 1681690

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

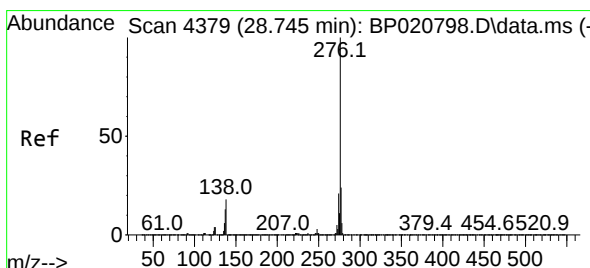
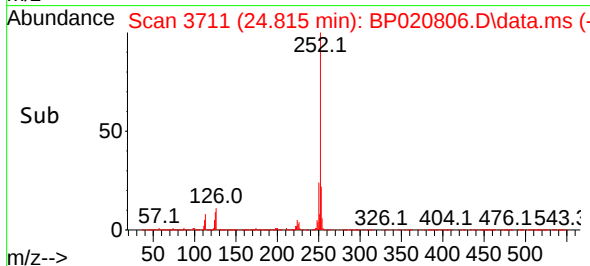
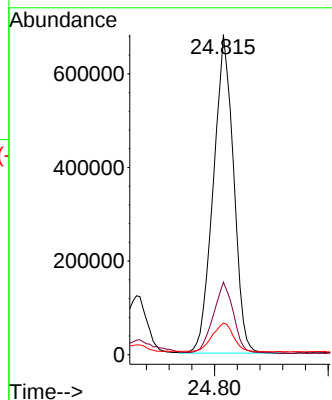
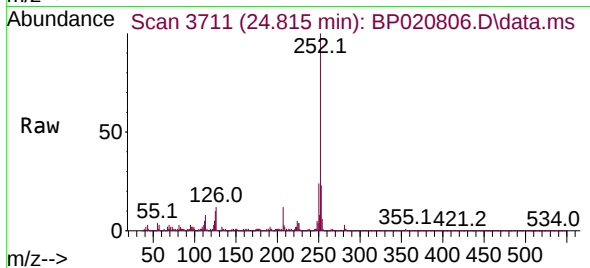
125 9.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.918 ng/ul m

RT: 28.786 min Scan# 4386

Delta R.T. 0.023 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

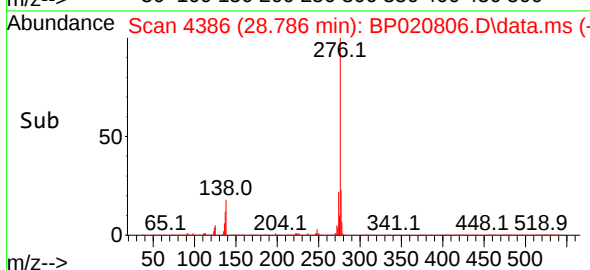
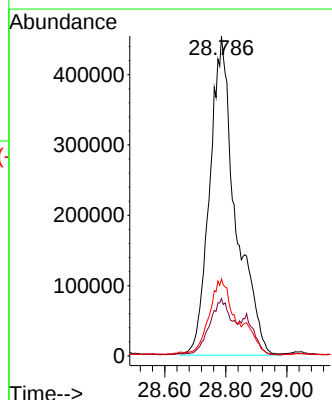
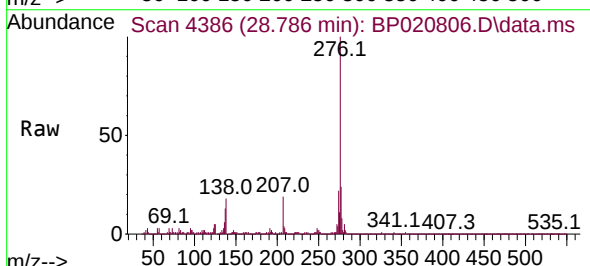
Tgt Ion:276 Resp: 2673701

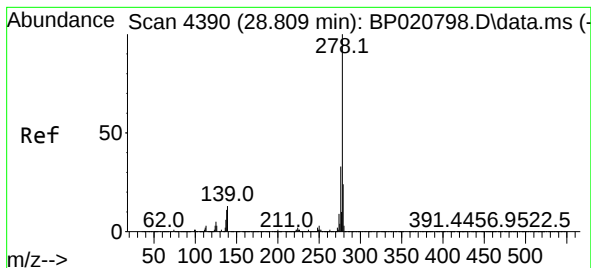
Ion Ratio Lower Upper

276 100

138 18.0 15.2 22.8

277 24.1 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 35.862 ng/ul

RT: 28.868 min Scan# 4400

Delta R.T. 0.029 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Instrument :

BNA\_P

ClientSampleId :

A4CS4MSD

Tgt Ion:278 Resp: 232339

Ion Ratio Lower Upper

278 100

139 14.9 11.1 16.7

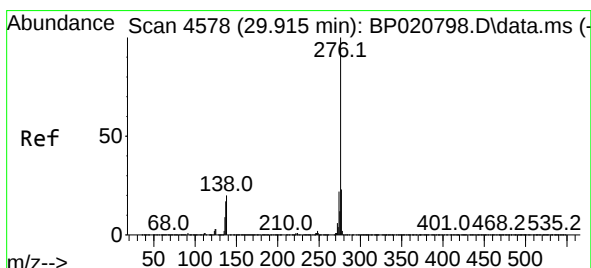
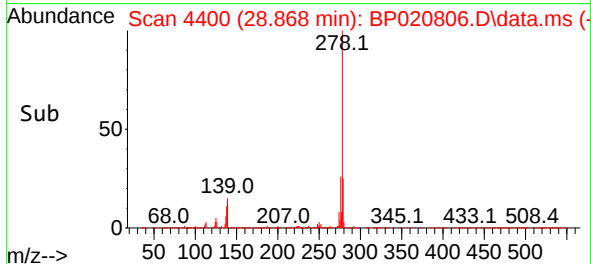
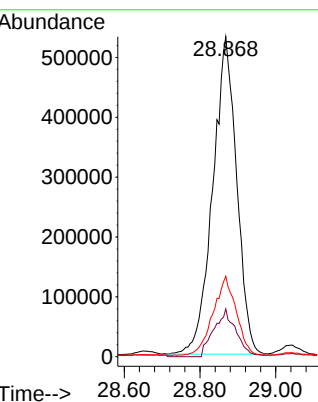
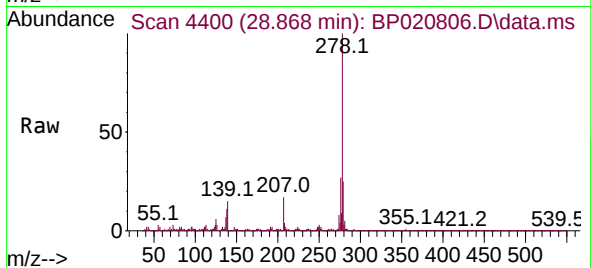
279 25.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#96

Benzo(g,h,i)perylene

Concen: 4.733 ng/ul

RT: 29.945 min Scan# 4583

Delta R.T. 0.006 min

Lab File: BP020806.D

Acq: 06 Jul 2024 04:07

Tgt Ion:276 Resp: 304629

Ion Ratio Lower Upper

276 100

138 19.5 16.4 24.6

277 24.2 18.7 28.1

