

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072623\  
 Data File : BP016381.D  
 Acq On : 26 Jul 2023 18:40  
 Operator : MA/JU  
 Sample : 03575-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHA2MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023  
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 00:10:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 25 23:56:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.093  | 152  | 327902   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.928 | 136  | 1248089  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.740 | 164  | 747104   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.504 | 188  | 1623081  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.592 | 240  | 1340086  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.192 | 264  | 1209776  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.423  | 96   | 58299    | 7.010  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.852  | 84   | 854319   | 36.208 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.222  | 99   | 1368174  | 49.861 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.428  | 67   | 760484   | 46.162 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.611  | 132  | 1059697  | 49.502 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.793  | 113  | 994855   | 45.083 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.287  | 128  | 457231   | 59.493 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.010 | 143  | 438311   | 69.151 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.534 | 165  | 948978   | 54.014 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.081 | 131  | 1296830  | 47.447 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.151 | 166  | 2770520  | 50.670 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.440 | 160  | 3229298  | 49.991 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.928 | 143  | 494279   | 53.950 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.734 | 176  | 2365610  | 50.855 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 200  | 302198   | 56.527 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.604 | 188  | 3597877  | 50.043 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.828 | 212  | 4028347  | 52.941 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.021 | 264  | 3169230  | 54.298 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.464  | 88   | 165589   | 18.778 | ng/uL  | 95       |
| 5) Pyridine                   | 3.875  | 79   | 1053528  | 43.887 | ng/ul  | 96       |
| 6) Benzaldehyde               | 7.246  | 77   | 768403   | 51.330 | ng/ul  | 98       |
| 8) Phenol                     | 7.252  | 94   | 1409987  | 49.412 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.522  | 93   | 1097350  | 46.943 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.646  | 128  | 1105271  | 50.217 | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.522  | 108  | 989047   | 45.203 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.628  | 45   | 1193825m | 42.206 | ng/ul  |          |
| 16) Acetophenone              | 8.940  | 105  | 1570537  | 45.098 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.916  | 70   | 789575   | 43.540 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.858  | 108  | 1075730  | 46.015 | ng/ul  | 98       |
| 19) Hexachloroethane          | 9.175  | 117  | 402114   | 43.669 | ng/ul  | 94       |
| 22) Nitrobenzene              | 9.334  | 77   | 1137977  | 55.308 | ng/ul  | 97       |
| 23) Isophorone                | 9.852  | 82   | 2272700  | 49.040 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 10.040 | 139  | 511818   | 64.713 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 10.075 | 107  | 1132892  | 50.660 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.340 | 93   | 1396567  | 49.982 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.557 | 162  | 952633   | 53.636 | ng/ul  | 98       |
| 30) Naphthalene               | 10.981 | 128  | 3218660  | 49.792 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 11.104 | 127  | 1321397  | 49.314 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.222 | 225  | 568477   | 48.700 | ng/ul  | 98       |
| 34) Caprolactam               | 11.899 | 113  | 327213m  | 51.718 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.193 | 107  | 1056294  | 53.728 | ng/ul  | 97       |
| 36) 2-Methylnaphthalene       | 12.575 | 142  | 2161272  | 49.060 | ng/ul  | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072623\  
 Data File : BP016381.D  
 Acq On : 26 Jul 2023 18:40  
 Operator : MA/JU  
 Sample : 03575-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHA2MS

Quant Time: Jul 27 00:10:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 25 23:56:16 2023  
 Response via : Initial Calibration

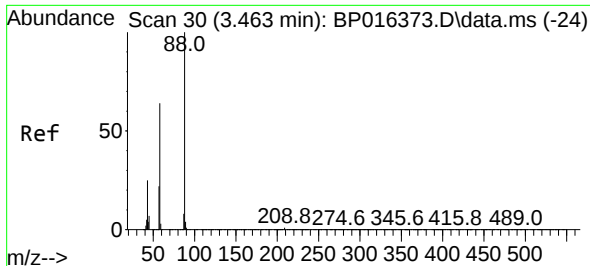
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023  
 Supervised By :mohammad ahmed 07/27/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.793 | 142  | 2153234  | 48.886 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.922 | 216  | 1099429  | 49.811 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.881 | 237  | 568710   | 36.093 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.169 | 196  | 729391   | 56.087 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.234 | 196  | 799674   | 57.458 | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.581 | 154  | 2846842  | 50.465 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.622 | 162  | 2226924  | 50.462 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.845 | 65   | 619276   | 67.066 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 14.198 | 163  | 3835614  | 69.560 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.334 | 165  | 541824   | 68.188 | ng/ul  | 91       |
| 50) Acenaphthylene            | 14.469 | 152  | 3499734  | 47.555 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.669 | 138  | 589044   | 63.365 | ng/ul# | 96       |
| 52) Acenaphthene              | 14.804 | 153  | 2380414  | 50.163 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.863 | 184  | 175525   | 51.648 | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 14.940 | 109  | 406961   | 55.106 | ng/ul  | 97       |
| 56) Dibenzofuran              | 15.140 | 168  | 3280631  | 50.500 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.110 | 165  | 767651   | 67.761 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.345 | 232  | 653665   | 58.875 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.557 | 149  | 2839234  | 51.123 | ng/ul  | 100      |
| 61) Fluorene                  | 15.787 | 166  | 2650990  | 50.240 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.781 | 204  | 1272538  | 49.469 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.834 | 138  | 577516   | 67.750 | ng/ul  | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.863 | 198  | 336524   | 52.654 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.998 | 169  | 2297224  | 50.479 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.681 | 248  | 811622   | 52.728 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.763 | 284  | 920169   | 49.851 | ng/ul  | 98       |
| 70) Atrazine                  | 16.957 | 200  | 819018   | 49.326 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.122 | 266  | 990607   | 95.236 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.545 | 178  | 4231794  | 50.104 | ng/ul  | 99       |
| 74) Anthracene                | 17.639 | 178  | 4193728  | 48.746 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.534 | 216  | 1084960  | 46.309 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 15.034 | 250  | 1035024  | 49.993 | ng/ul  | 99       |
| 77) Carbazole                 | 17.910 | 167  | 3934185  | 53.126 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.433 | 149  | 5037759  | 53.419 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.498 | 202  | 4836837  | 53.029 | ng/ul  | 98       |
| 82) Pyrene                    | 19.857 | 202  | 4889854  | 51.891 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.722 | 149  | 2256106  | 63.239 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.510 | 252  | 1284194  | 43.600 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.575 | 228  | 4444901  | 48.970 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.469 | 149  | 3416609  | 62.783 | ng/ul  | 99       |
| 87) Chrysene                  | 21.633 | 228  | 4215368  | 50.150 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.469 | 149  | 5572922  | 73.284 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.386 | 252  | 4023959  | 55.542 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.439 | 252  | 3977240  | 55.163 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.080 | 252  | 3367552  | 49.354 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.974 | 276  | 3848590  | 48.846 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 27.010 | 278  | 3227906  | 49.534 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.833 | 276  | 3046221  | 48.835 | ng/ul  | 99       |

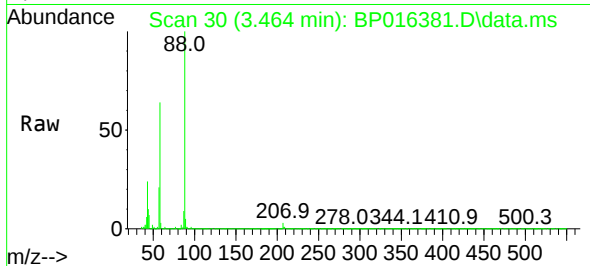
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 18.778 ng/uL  
RT: 3.464 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

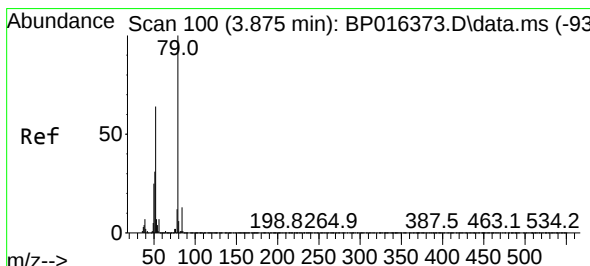
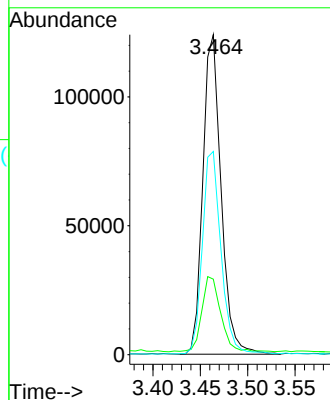
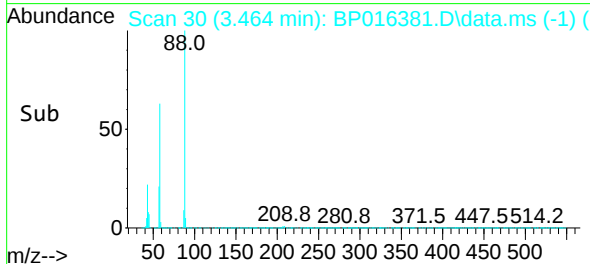
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion: 88 Resp: 165589  
Ion Ratio Lower Upper  
88 100  
43 23.6 21.8 32.8  
58 63.5 53.1 79.7

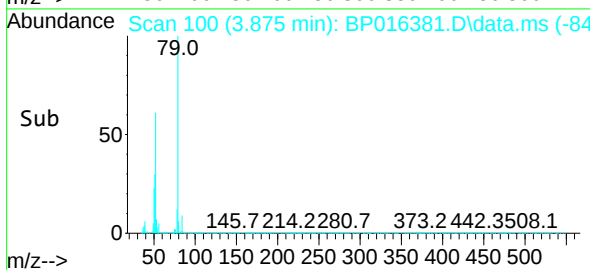
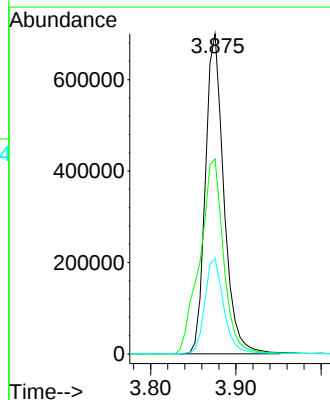
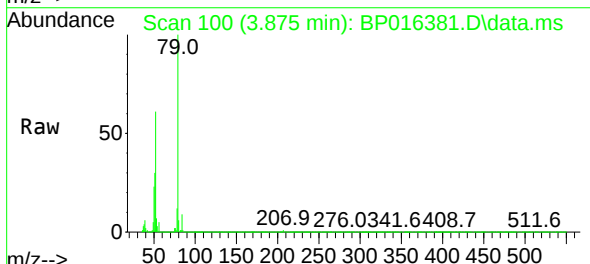
Manual Integrations  
APPROVED

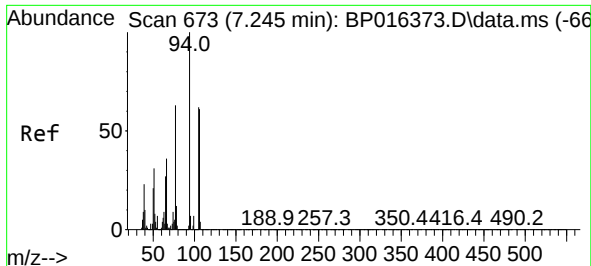
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#5  
Pyridine  
Concen: 43.887 ng/uL  
RT: 3.875 min Scan# 100  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

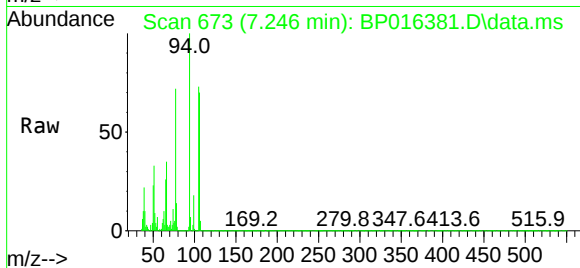
Tgt Ion: 79 Resp: 1053528  
Ion Ratio Lower Upper  
79 100  
52 60.9 51.0 76.4  
51 29.8 25.4 38.2





#6  
Benzaldehyde  
Concen: 51.330 ng/ul  
RT: 7.246 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

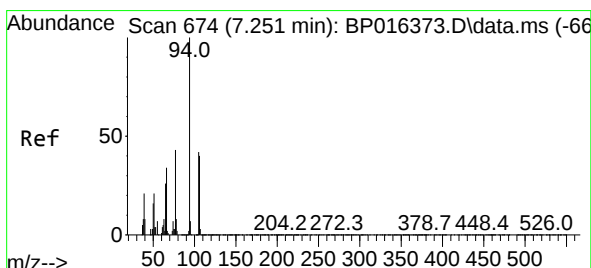
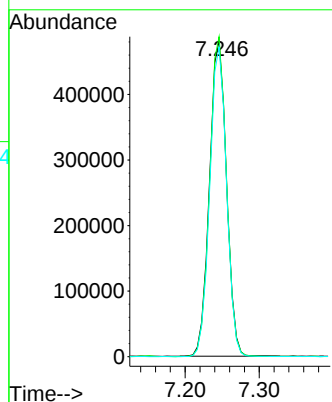
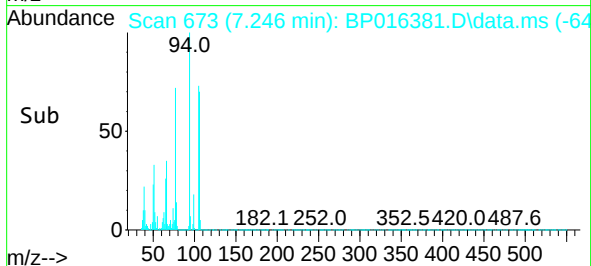
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



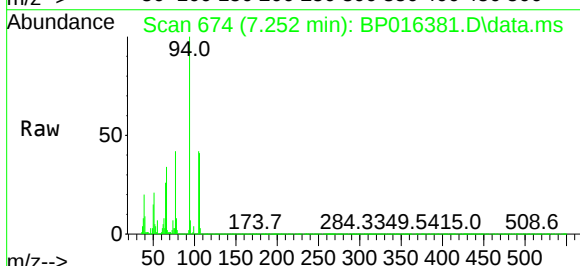
Tgt Ion: 77 Resp: 76840  
Ion Ratio Lower Upper  
77 100  
105 101.3 80.2 120.2  
106 98.1 76.5 114.7

Manual Integrations  
APPROVED

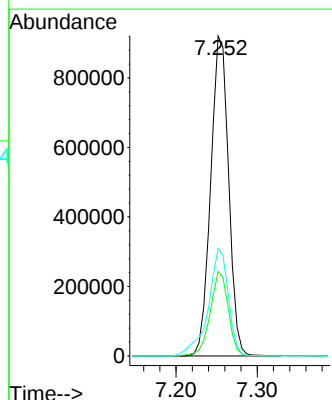
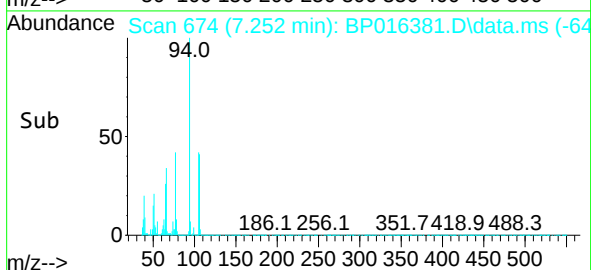
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

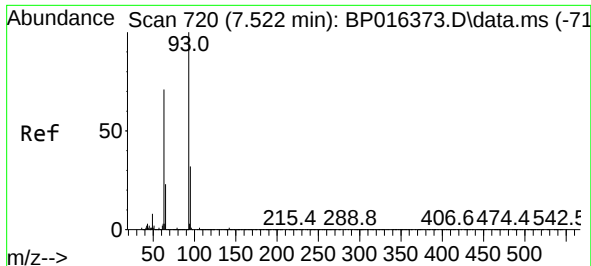


#8  
Phenol  
Concen: 49.412 ng/ul  
RT: 7.252 min Scan# 674  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



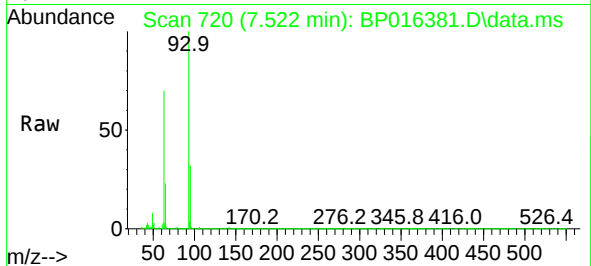
Tgt Ion: 94 Resp: 1409987  
Ion Ratio Lower Upper  
94 100  
65 26.3 21.4 32.2  
66 33.6 28.2 42.4





#10  
Bis(2-Chloroethyl)ether  
Concen: 46.943 ng/ul  
RT: 7.522 min Scan# 720  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

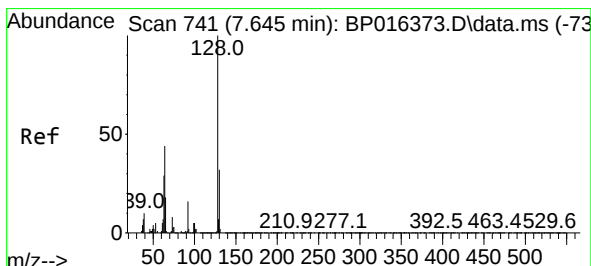
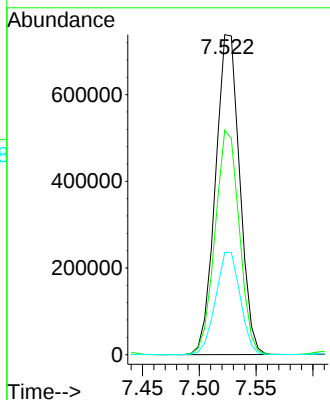
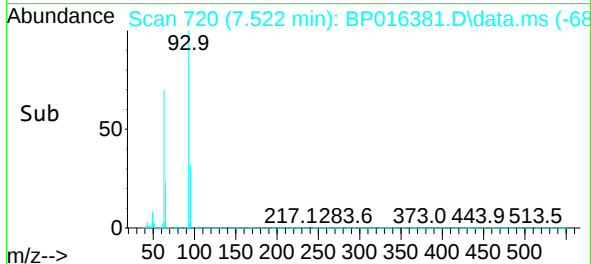
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



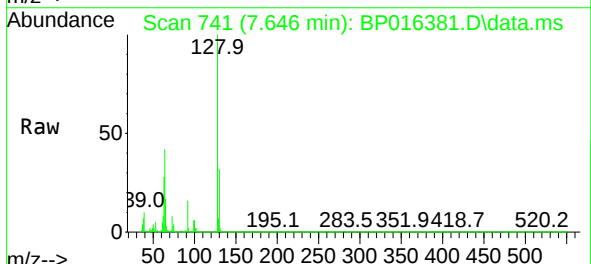
Tgt Ion: 93 Resp: 1097350  
Ion Ratio Lower Upper  
93 100  
63 70.1 57.0 85.4  
95 32.0 25.8 38.6

Manual Integrations  
APPROVED

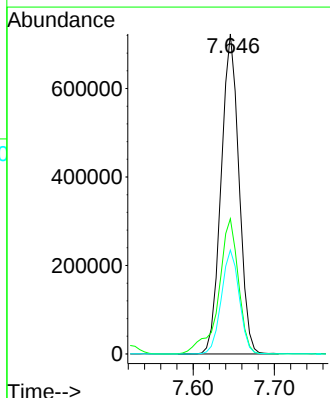
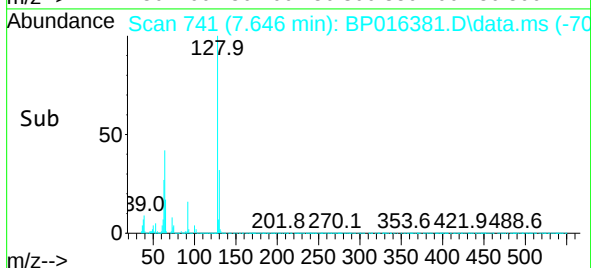
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

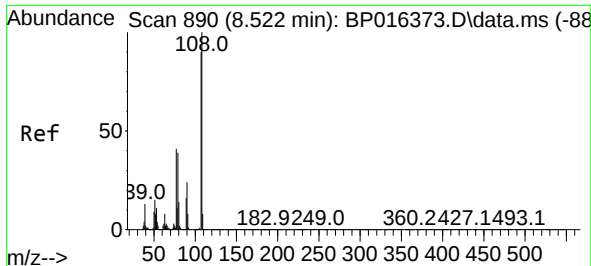


#12  
2-Chlorophenol  
Concen: 50.217 ng/ul  
RT: 7.646 min Scan# 741  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



Tgt Ion:128 Resp: 1105271  
Ion Ratio Lower Upper  
128 100  
64 42.2 36.4 54.6  
130 32.5 25.6 38.4





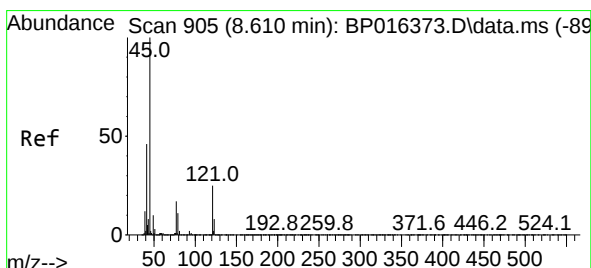
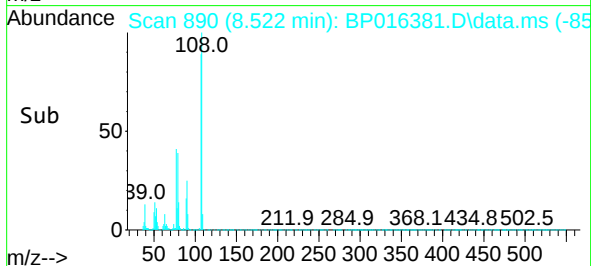
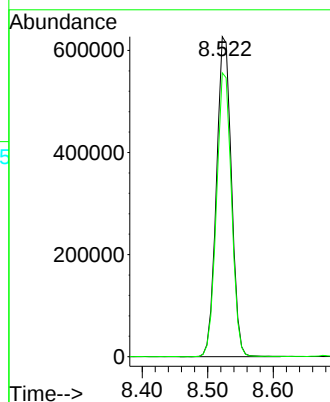
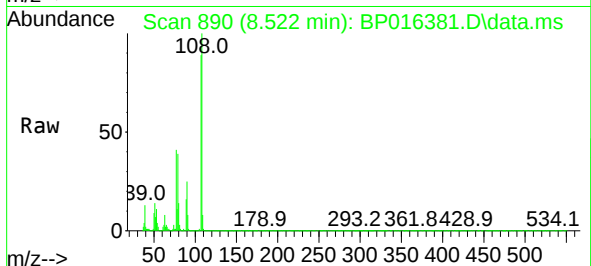
#13  
2-Methylphenol  
Concen: 45.203 ng/ul  
RT: 8.522 min Scan# 890  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS

Tgt Ion:108 Resp: 98904  
Ion Ratio Lower Upper  
108 100  
107 88.7 71.3 106.9

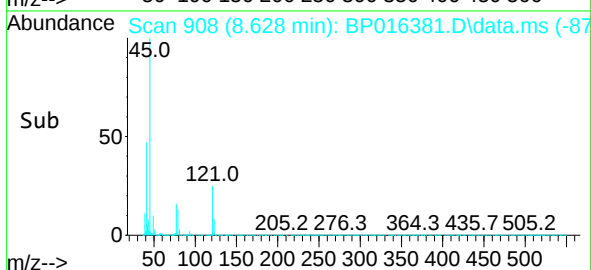
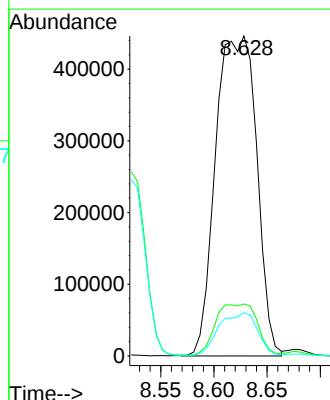
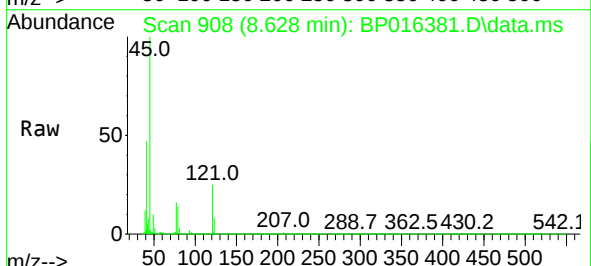
Manual Integrations  
APPROVED

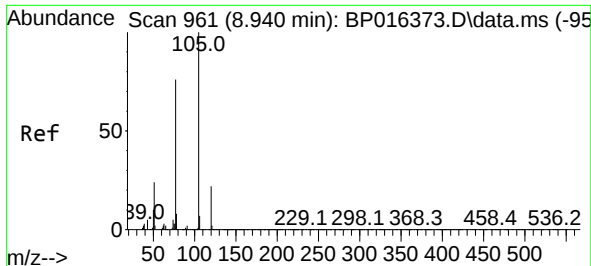
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.206 ng/ul m  
RT: 8.628 min Scan# 908  
Delta R.T. 0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

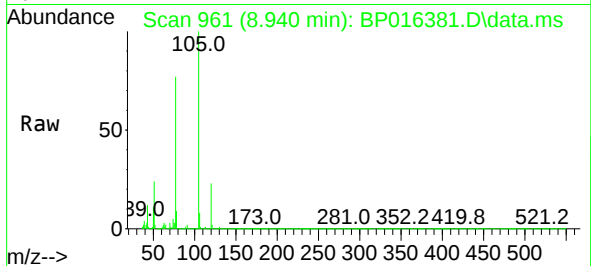
Tgt Ion: 45 Resp: 1193825  
Ion Ratio Lower Upper  
45 100  
77 16.2 13.7 20.5  
79 13.5 9.6 14.4





#16  
Acetophenone  
Concen: 45.098 ng/ul  
RT: 8.940 min Scan# 961  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

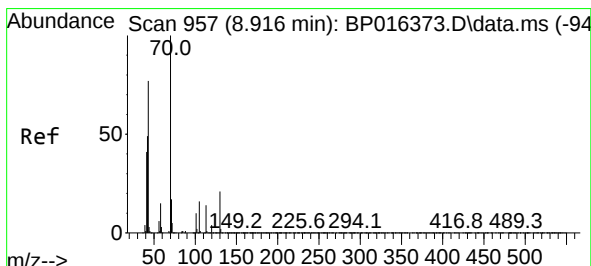
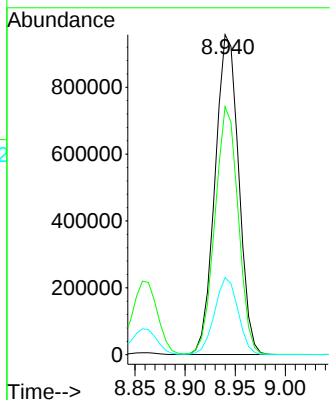
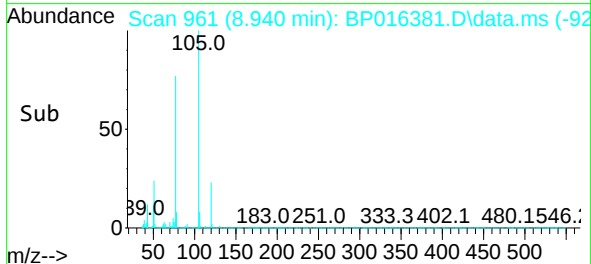
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:105 Resp: 157053  
Ion Ratio Lower Upper  
105 100  
77 77.5 61.2 91.8  
51 24.1 19.1 28.7

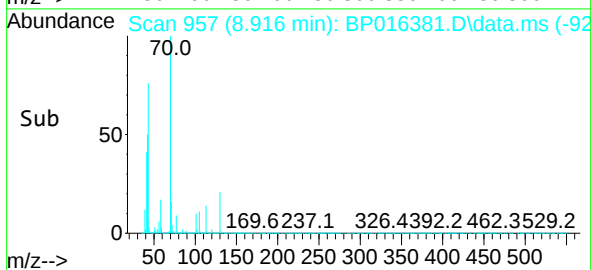
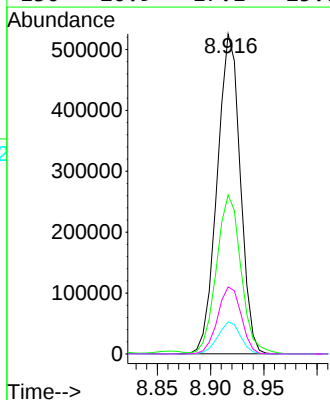
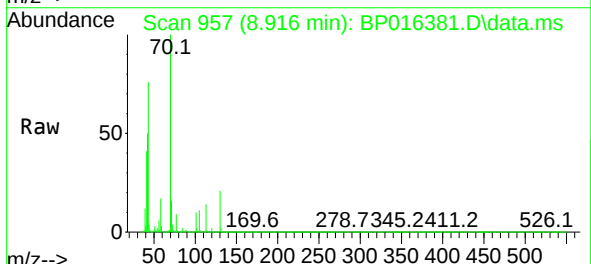
Manual Integrations  
APPROVED

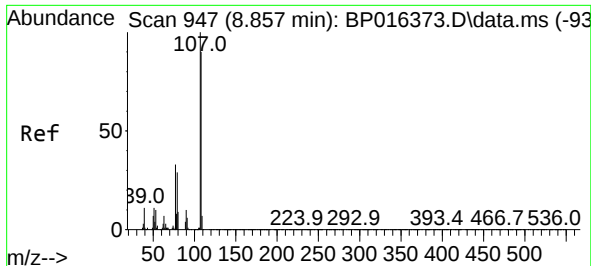
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 43.540 ng/ul  
RT: 8.916 min Scan# 957  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

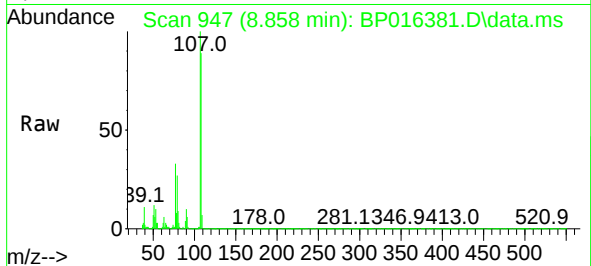
Tgt Ion: 70 Resp: 789575  
Ion Ratio Lower Upper  
70 100  
42 49.7 40.3 60.5  
101 10.0 7.8 11.8  
130 20.9 17.1 25.7





#18  
4-Methylphenol  
Concen: 46.015 ng/ul  
RT: 8.858 min Scan# 947  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

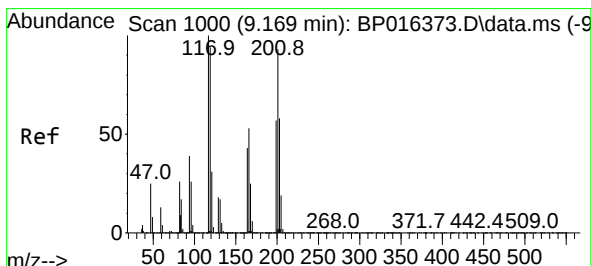
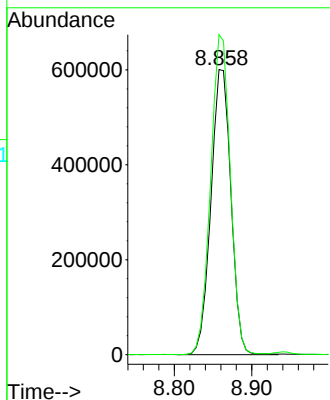
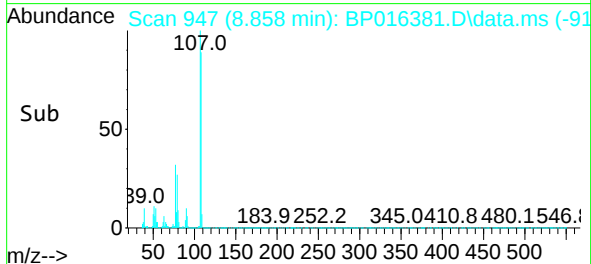
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



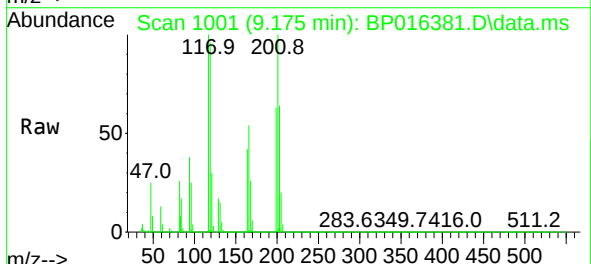
Tgt Ion:108 Resp: 1075730  
Ion Ratio Lower Upper  
108 100  
107 112.2 91.6 137.4

Manual Integrations  
APPROVED

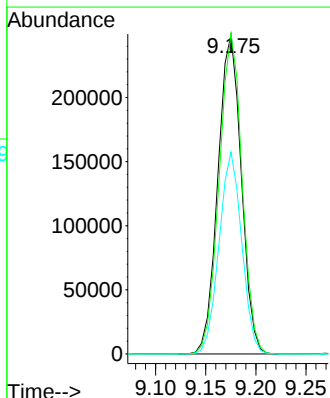
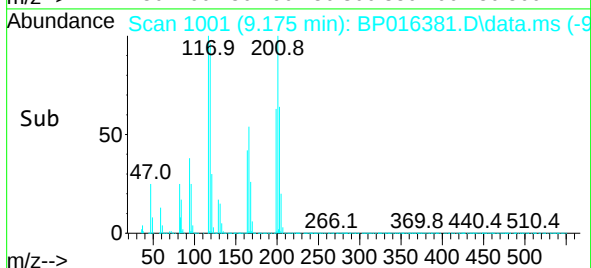
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

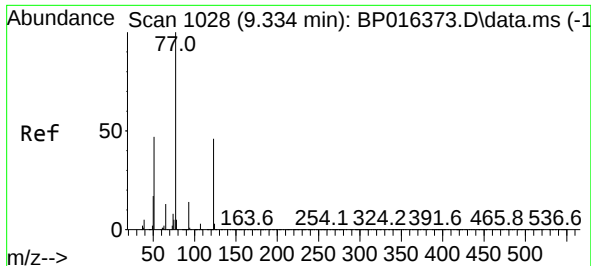


#19  
Hexachloroethane  
Concen: 43.669 ng/ul  
RT: 9.175 min Scan# 1001  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



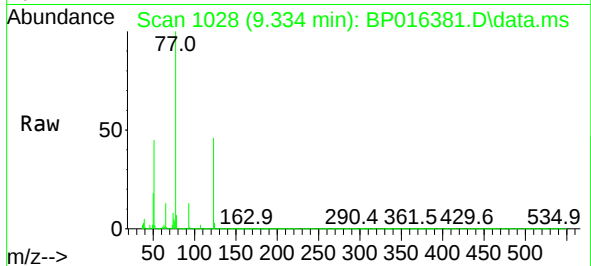
Tgt Ion:117 Resp: 402114  
Ion Ratio Lower Upper  
117 100  
201 100.2 75.0 112.6  
199 63.2 47.4 71.0





#22  
Nitrobenzene  
Concen: 55.308 ng/ul  
RT: 9.334 min Scan# 1028  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

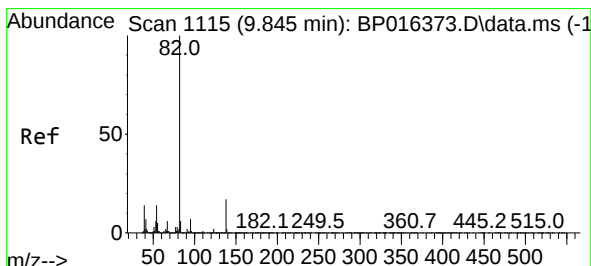
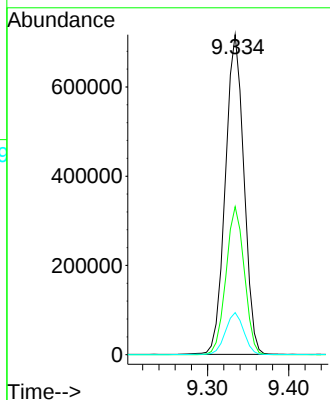
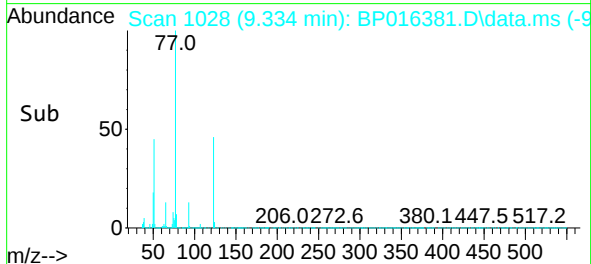
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion: 77 Resp: 113797  
Ion Ratio Lower Upper  
77 100  
123 46.3 35.3 52.9  
65 13.2 10.2 15.2

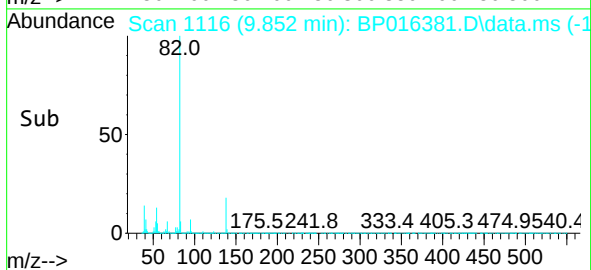
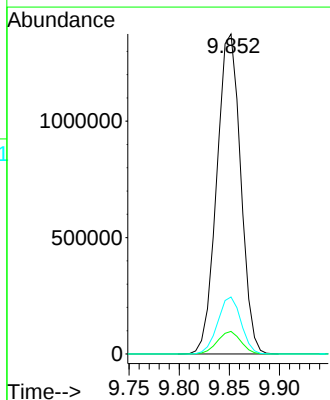
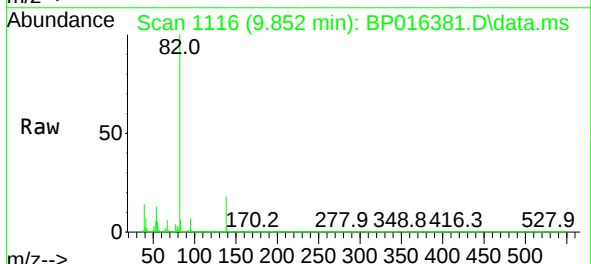
Manual Integrations  
APPROVED

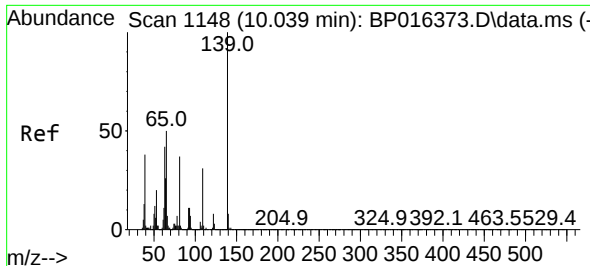
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#23  
Isophorone  
Concen: 49.040 ng/ul  
RT: 9.852 min Scan# 1116  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

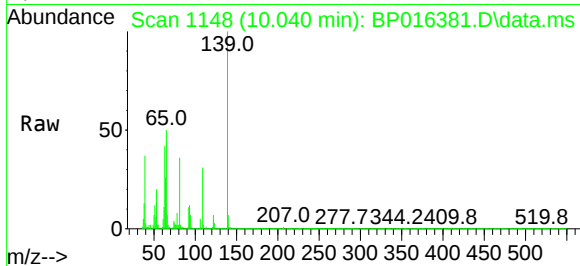
Tgt Ion: 82 Resp: 2272700  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 17.8 14.0 21.0





#25  
2-Nitrophenol  
Concen: 64.713 ng/ul  
RT: 10.040 min Scan# 1148  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

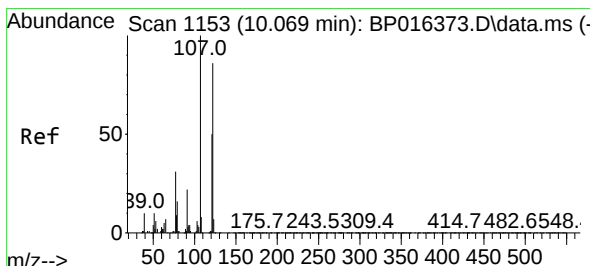
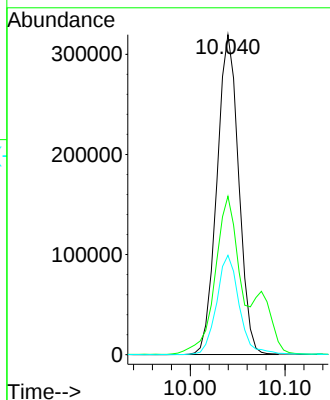
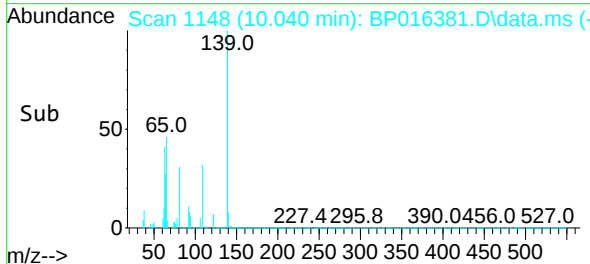
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



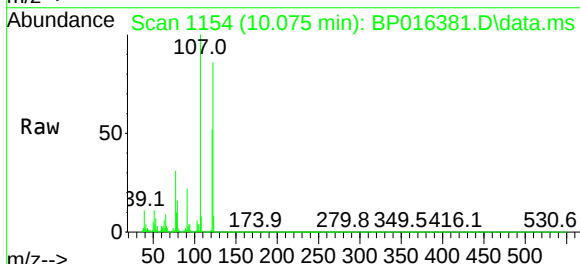
Tgt Ion:139 Resp: 511818  
Ion Ratio Lower Upper  
139 100  
65 49.5 38.7 58.1  
109 31.1 25.3 37.9

Manual Integrations  
APPROVED

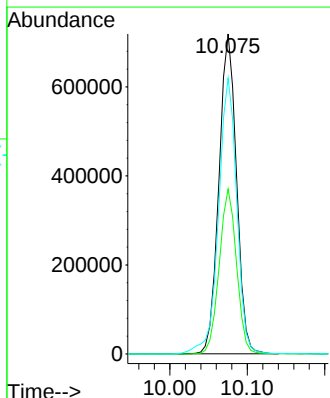
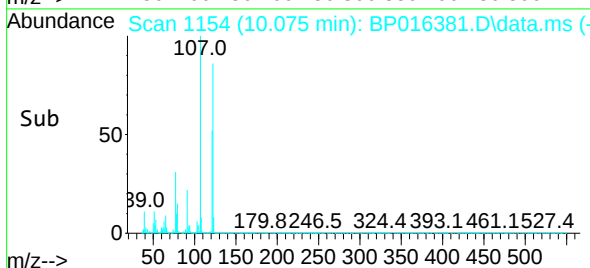
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

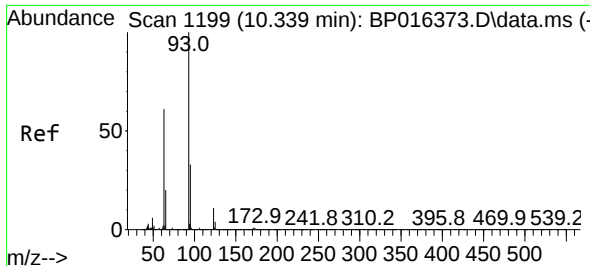


#26  
2,4-Dimethylphenol  
Concen: 50.660 ng/ul  
RT: 10.075 min Scan# 1154  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



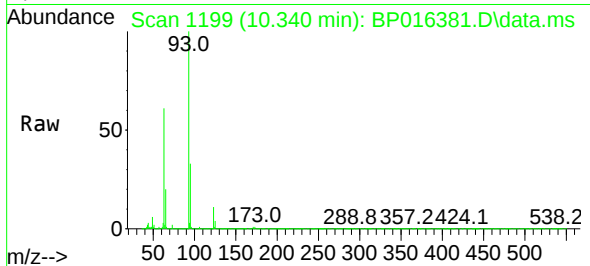
Tgt Ion:107 Resp: 1132892  
Ion Ratio Lower Upper  
107 100  
121 51.6 39.8 59.6  
122 86.3 69.0 103.4





#27  
Bis(2-Chloroethoxy)methane  
Concen: 49.982 ng/ul  
RT: 10.340 min Scan# 1199  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

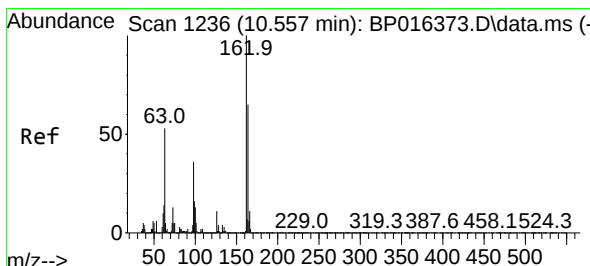
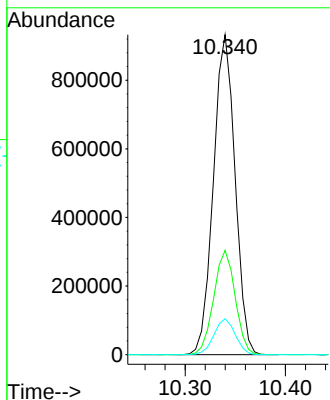
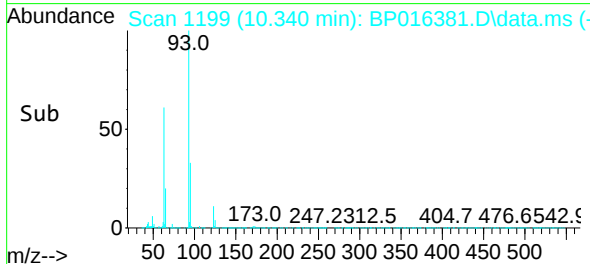
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion: 93 Resp: 139656  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.9 38.9  
123 11.2 8.8 13.2

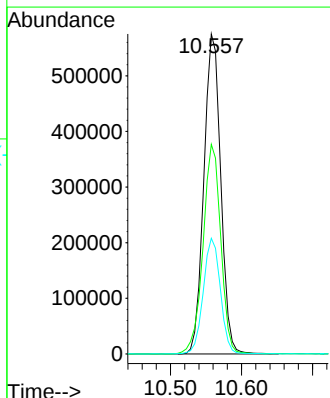
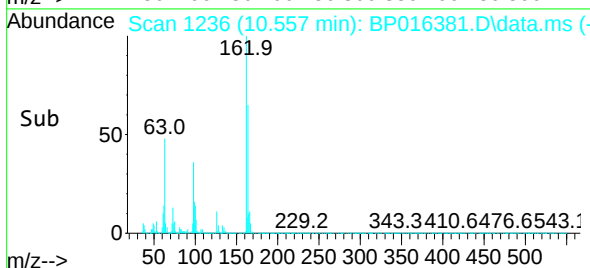
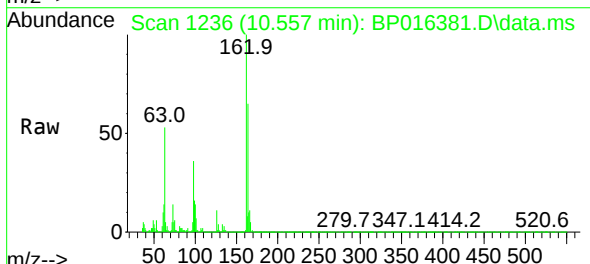
Manual Integrations  
APPROVED

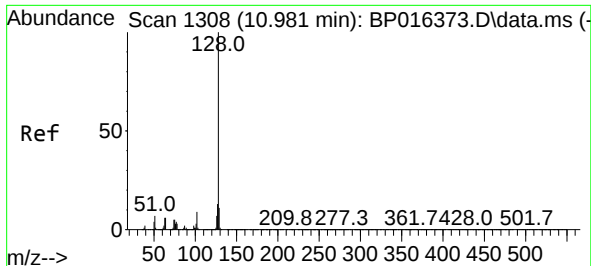
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#29  
2,4-Dichlorophenol  
Concen: 53.636 ng/ul  
RT: 10.557 min Scan# 1236  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

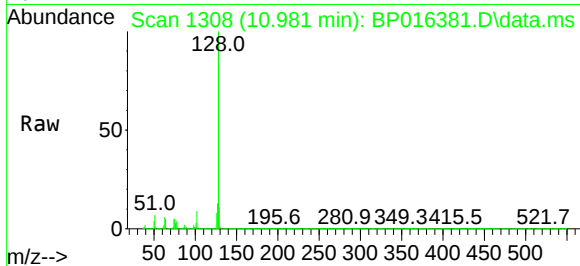
Tgt Ion:162 Resp: 952633  
Ion Ratio Lower Upper  
162 100  
164 65.5 51.4 77.0  
98 36.1 30.6 46.0





#30  
Naphthalene  
Concen: 49.792 ng/ul  
RT: 10.981 min Scan# 1308  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

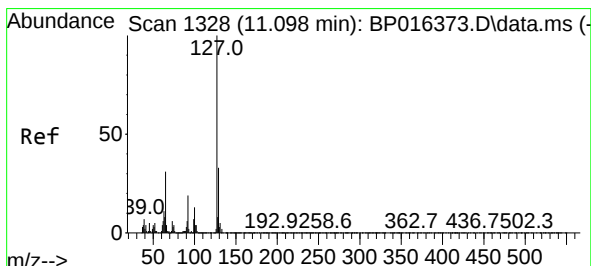
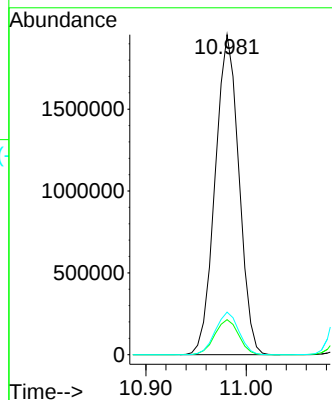
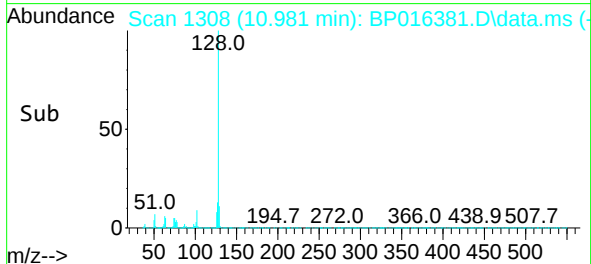
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



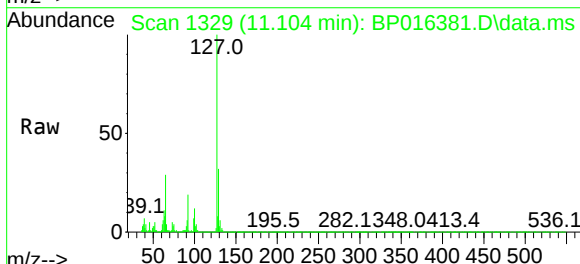
Tgt Ion:128 Resp: 3218660  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.3 10.6 15.8

Manual Integrations  
APPROVED

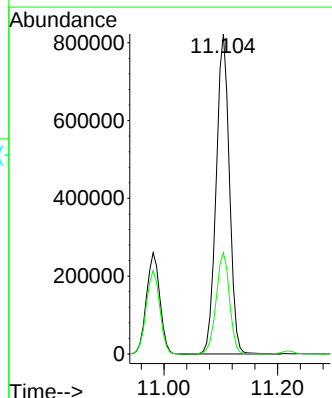
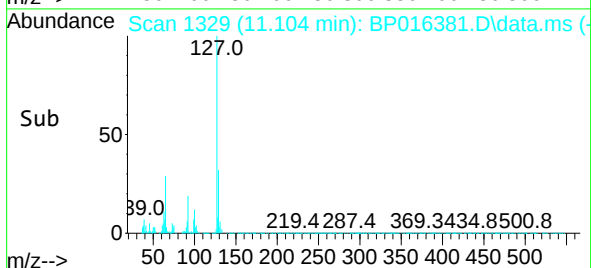
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

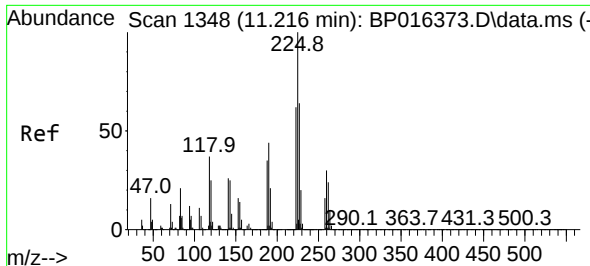


#32  
4-Chloroaniline  
Concen: 49.314 ng/ul  
RT: 11.104 min Scan# 1329  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



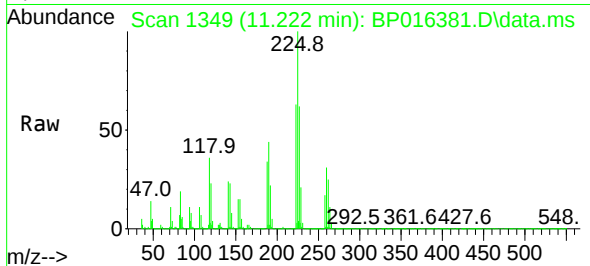
Tgt Ion:127 Resp: 1321397  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.2 37.8





#33  
Hexachlorobutadiene  
Concen: 48.700 ng/ul  
RT: 11.222 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

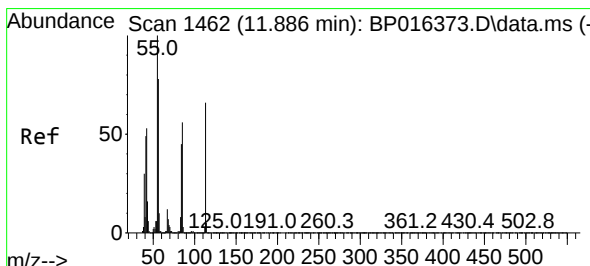
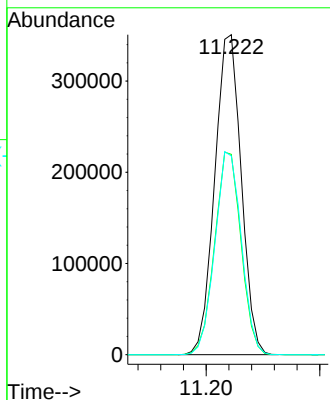
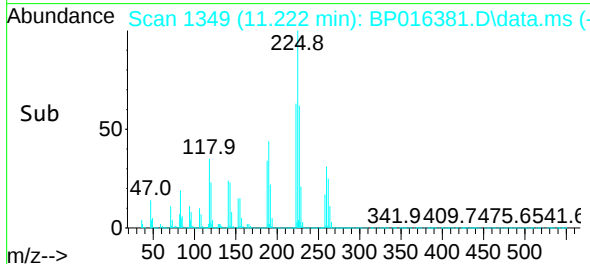
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



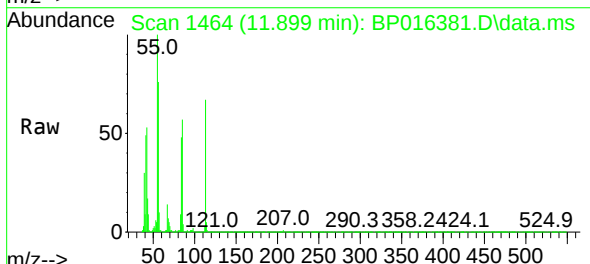
Tgt Ion:225 Resp: 56847  
Ion Ratio Lower Upper  
225 100  
223 62.6 50.1 75.1  
227 62.1 51.5 77.3

Manual Integrations  
APPROVED

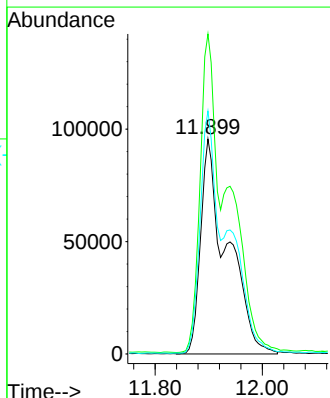
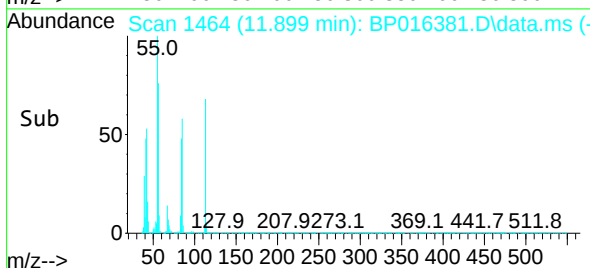
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

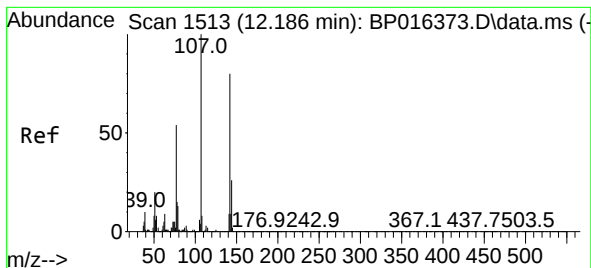


#34  
Caprolactam  
Concen: 51.718 ng/ul m  
RT: 11.899 min Scan# 1464  
Delta R.T. 0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



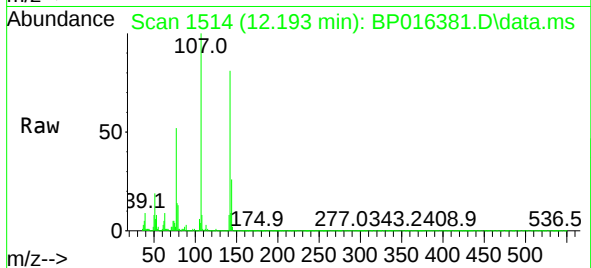
Tgt Ion:113 Resp: 327213  
Ion Ratio Lower Upper  
113 100  
55 149.0 122.2 183.4  
56 113.0 93.8 140.8





#35  
4-Chloro-3-methylphenol  
Concen: 53.728 ng/ul  
RT: 12.193 min Scan# 1514  
Delta R.T. 0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

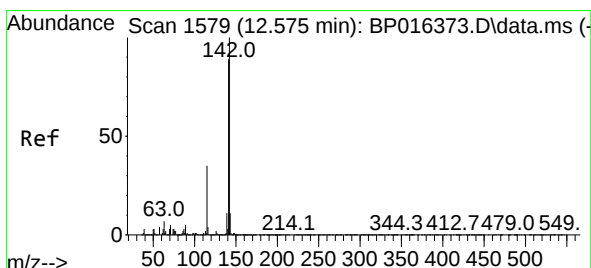
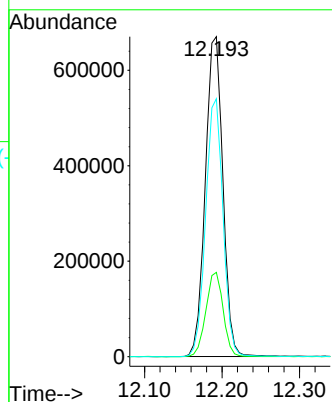
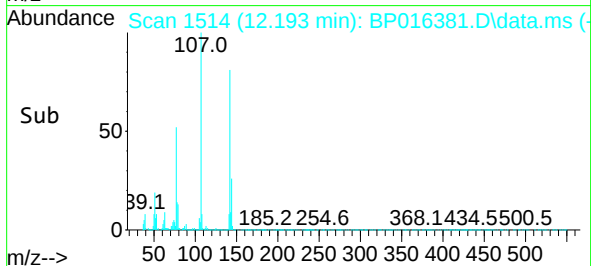
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



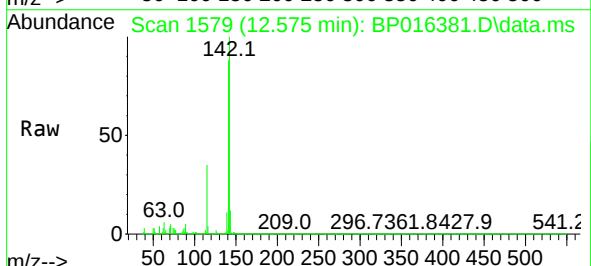
Tgt Ion:107 Resp: 1056294  
Ion Ratio Lower Upper  
107 100  
144 26.4 20.2 30.2  
142 80.6 62.6 93.8

Manual Integrations  
APPROVED

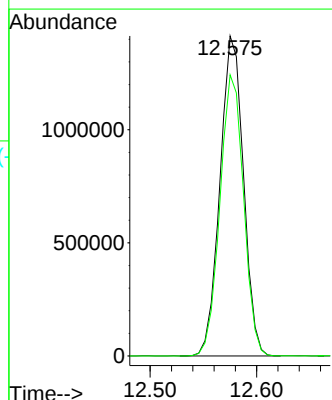
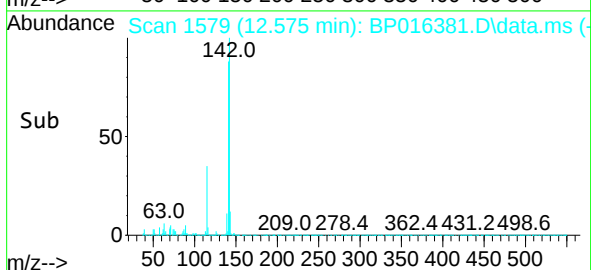
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

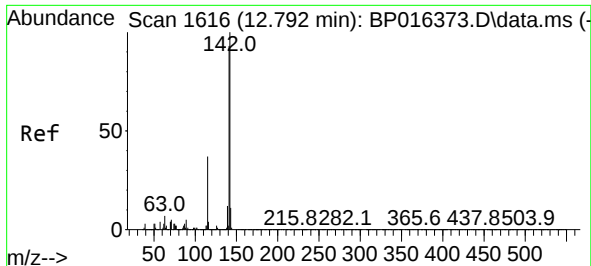


#36  
2-Methylnaphthalene  
Concen: 49.060 ng/ul  
RT: 12.575 min Scan# 1579  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



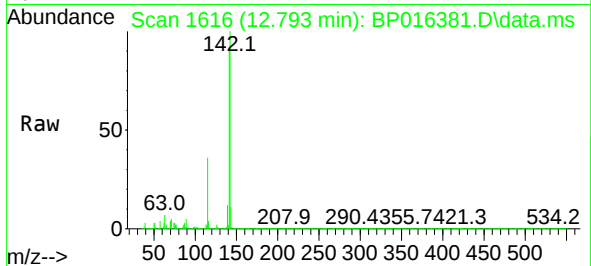
Tgt Ion:142 Resp: 2161272  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.9 107.9





#37  
1-Methylnaphthalene  
Concen: 48.886 ng/ul  
RT: 12.793 min Scan# 1616  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

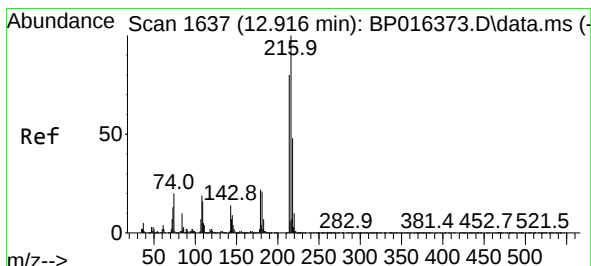
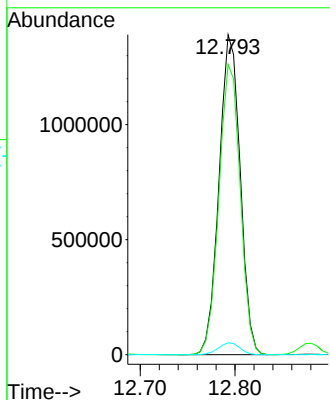
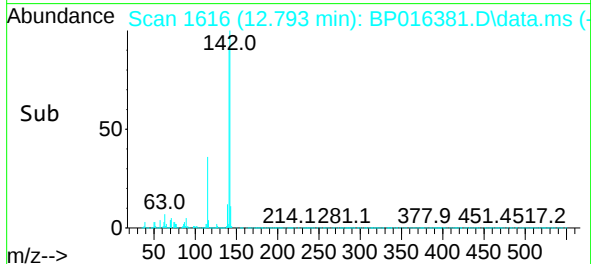
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



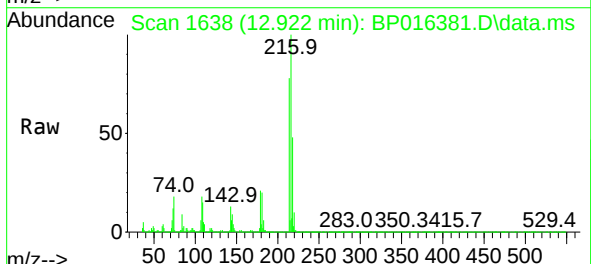
Tgt Ion:142 Resp: 2153234  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.2 109.8  
116 3.7 3.0 4.6

Manual Integrations  
APPROVED

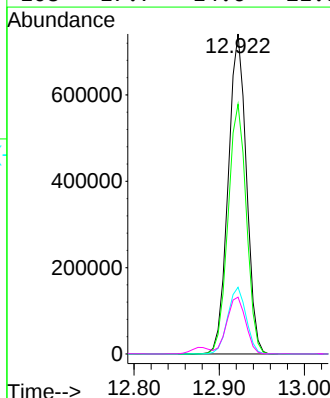
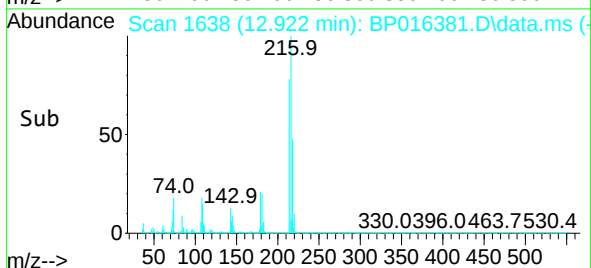
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

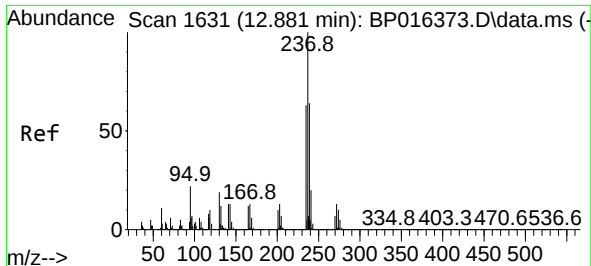


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.811 ng/ul  
RT: 12.922 min Scan# 1638  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



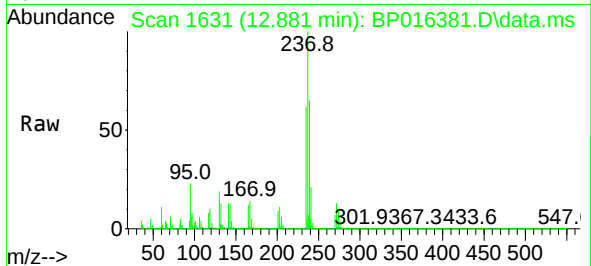
Tgt Ion:216 Resp: 1099429  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.6 95.4  
179 20.8 17.4 26.0  
108 17.7 14.6 21.8





#40  
Hexachlorocyclopentadiene  
Concen: 36.093 ng/ul  
RT: 12.881 min Scan# 1631  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

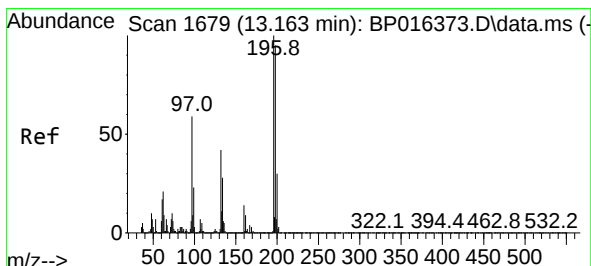
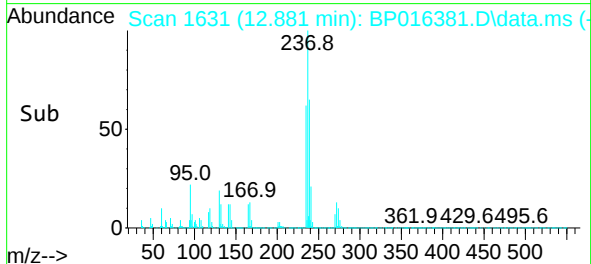
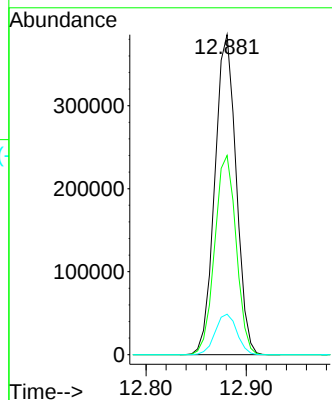
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:237 Resp: 568710  
Ion Ratio Lower Upper  
237 100  
235 62.3 51.2 76.8  
272 12.7 10.3 15.5

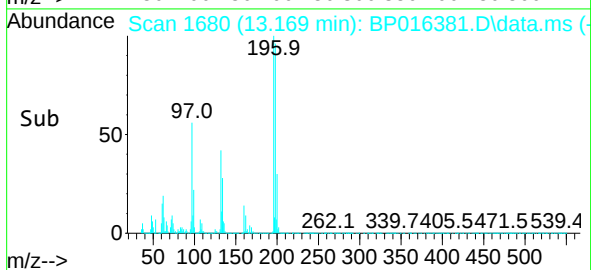
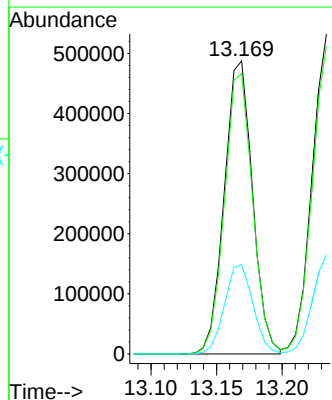
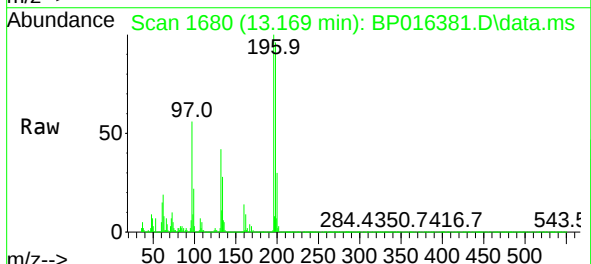
Manual Integrations  
APPROVED

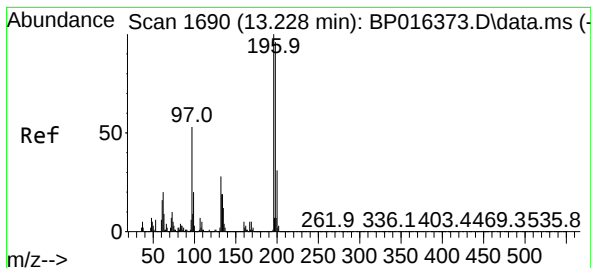
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#41  
2,4,6-Trichlorophenol  
Concen: 56.087 ng/ul  
RT: 13.169 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

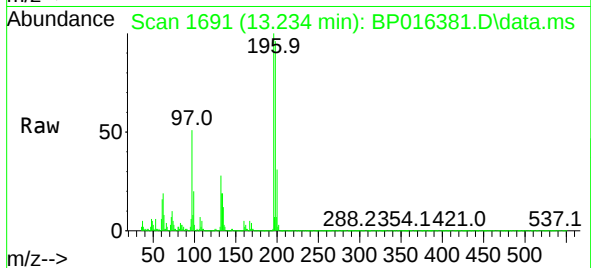
Tgt Ion:196 Resp: 729391  
Ion Ratio Lower Upper  
196 100  
198 95.6 77.7 116.5  
200 30.5 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 57.458 ng/ul  
RT: 13.234 min Scan# 1690  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

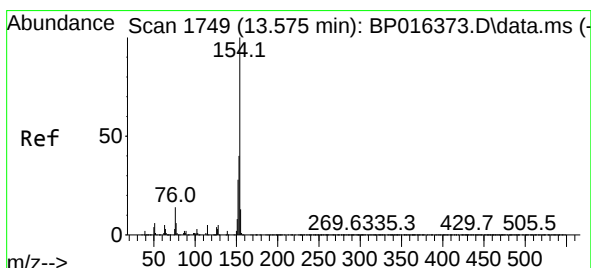
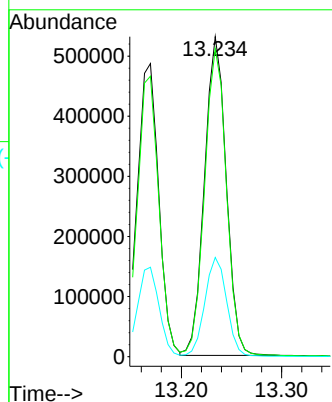
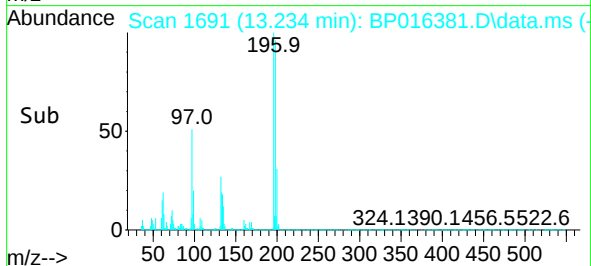
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



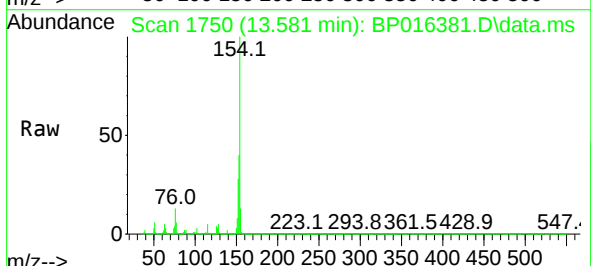
Tgt Ion:196 Resp: 799674  
Ion Ratio Lower Upper  
196 100  
198 96.2 77.0 115.4  
200 31.0 24.8 37.2

Manual Integrations  
APPROVED

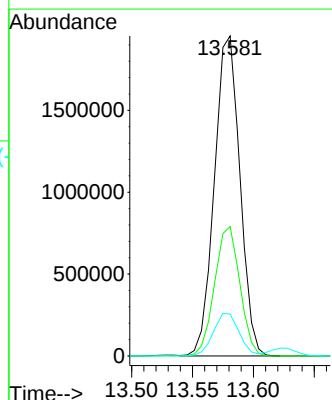
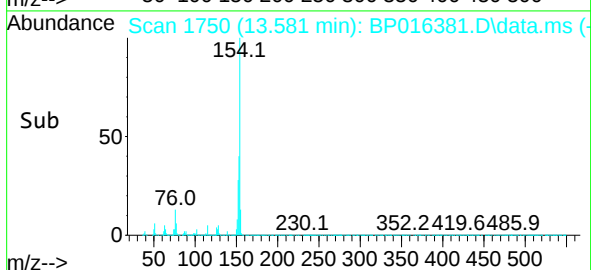
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

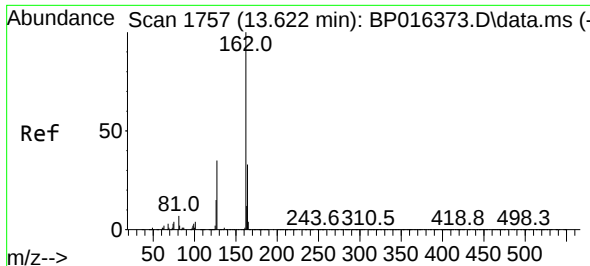


#43  
1,1'-Biphenyl  
Concen: 50.465 ng/ul  
RT: 13.581 min Scan# 1750  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



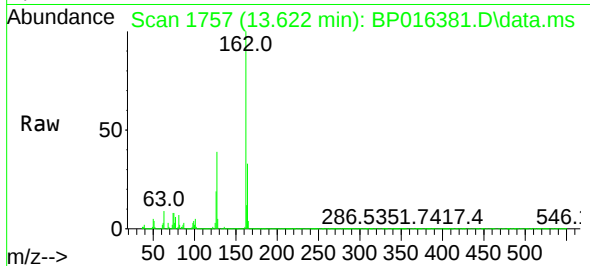
Tgt Ion:154 Resp: 2846842  
Ion Ratio Lower Upper  
154 100  
153 40.5 32.3 48.5  
76 13.1 10.7 16.1





#44  
2-Chloronaphthalene  
Concen: 50.462 ng/ul  
RT: 13.622 min Scan# 1757  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

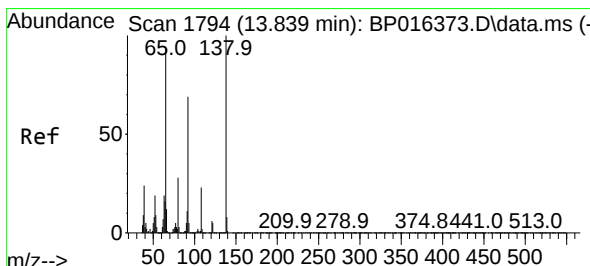
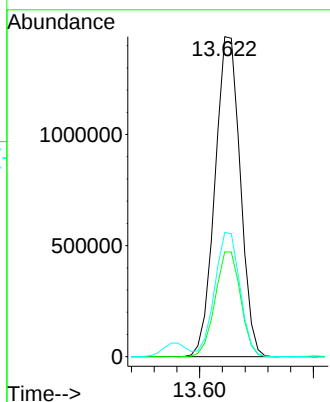
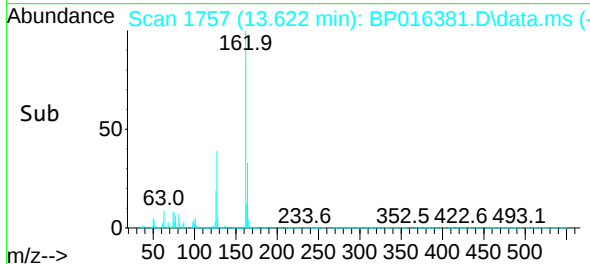
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



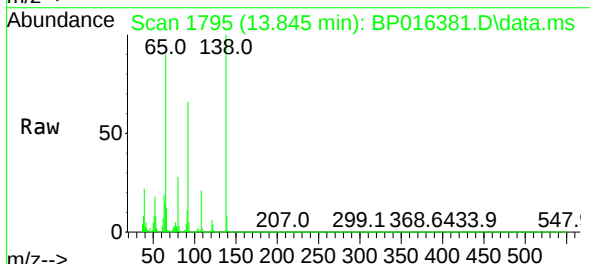
Tgt Ion:162 Resp: 2226924  
Ion Ratio Lower Upper  
162 100  
164 32.7 26.6 40.0  
127 38.8 31.0 46.4

Manual Integrations  
APPROVED

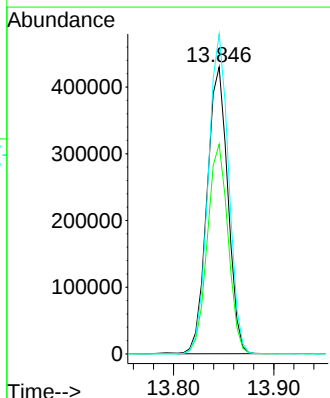
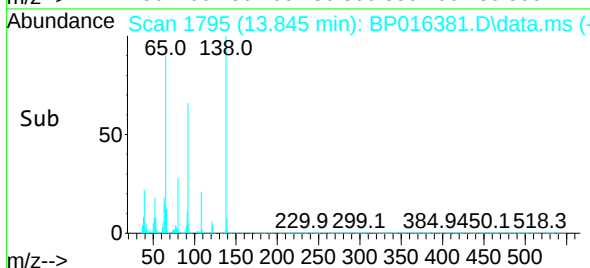
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

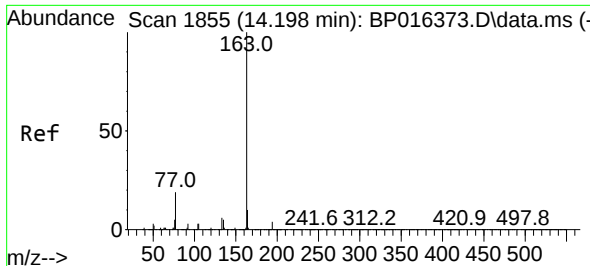


#45  
2-Nitroaniline  
Concen: 67.066 ng/ul  
RT: 13.845 min Scan# 1795  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



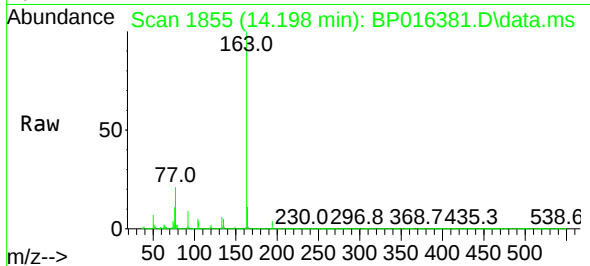
Tgt Ion: 65 Resp: 619276  
Ion Ratio Lower Upper  
65 100  
92 73.0 56.8 85.2  
138 111.5 83.9 125.9





#47  
Dimethylphthalate  
Concen: 69.560 ng/ul  
RT: 14.198 min Scan# 1855  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

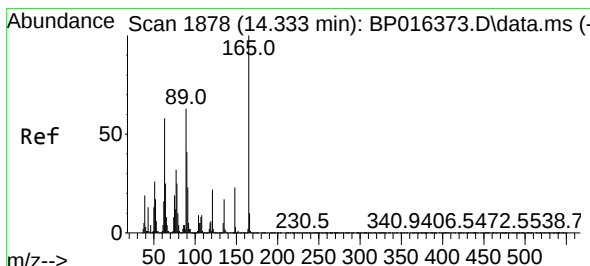
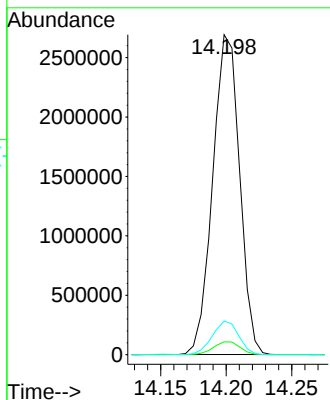
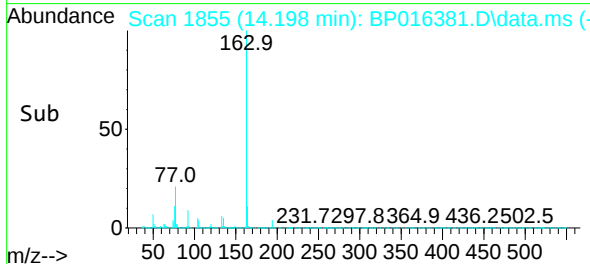
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



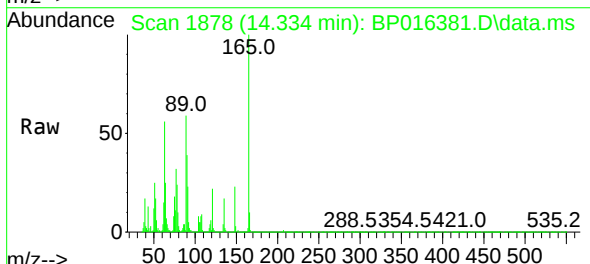
Tgt Ion:163 Resp: 3835614  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.5 7.9 11.9

Manual Integrations  
APPROVED

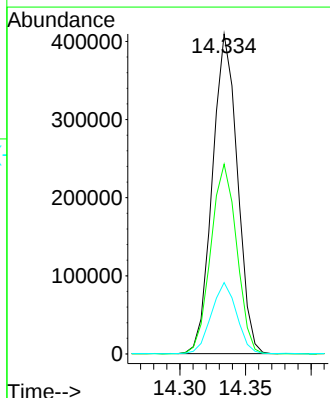
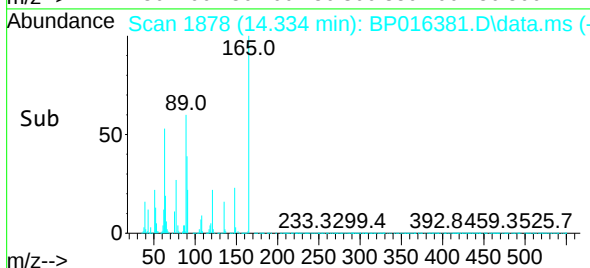
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

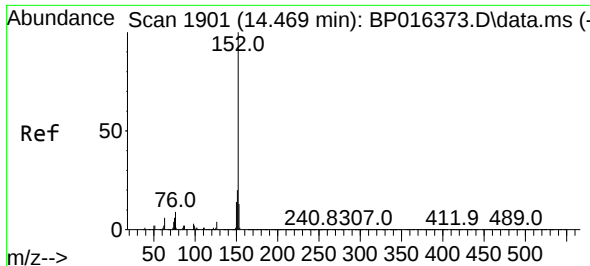


#48  
2,6-Dinitrotoluene  
Concen: 68.188 ng/ul  
RT: 14.334 min Scan# 1878  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



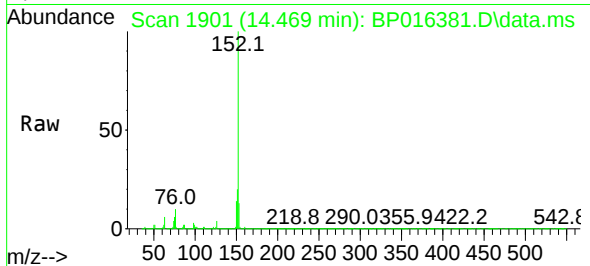
Tgt Ion:165 Resp: 541824  
Ion Ratio Lower Upper  
165 100  
89 59.3 53.8 80.6  
121 22.3 20.0 30.0





#50  
Acenaphthylene  
Concen: 47.555 ng/ul  
RT: 14.469 min Scan# 1901  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

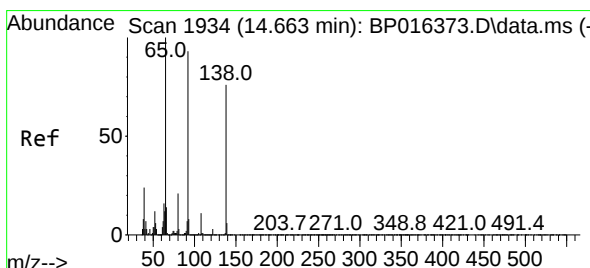
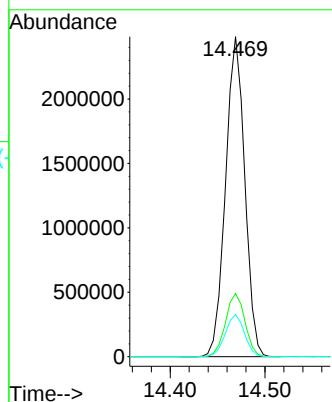
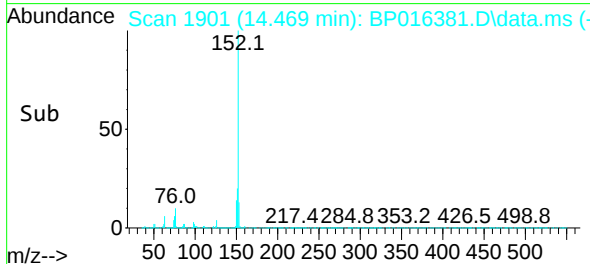
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



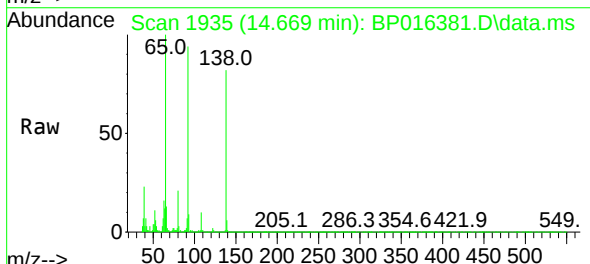
Tgt Ion:152 Resp: 3499734  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.0 24.0  
153 13.2 10.6 16.0

Manual Integrations  
APPROVED

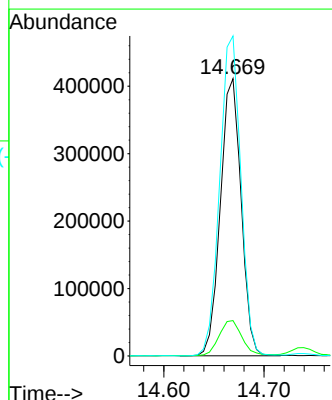
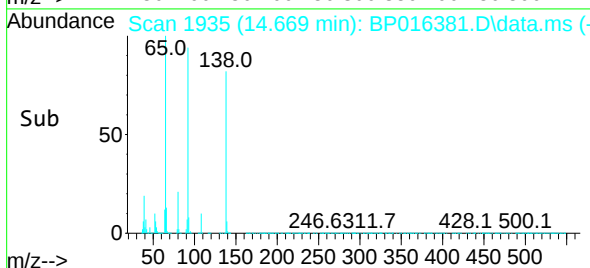
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

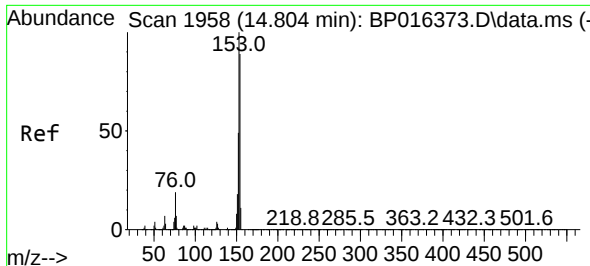


#51  
3-Nitroaniline  
Concen: 63.365 ng/ul  
RT: 14.669 min Scan# 1935  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



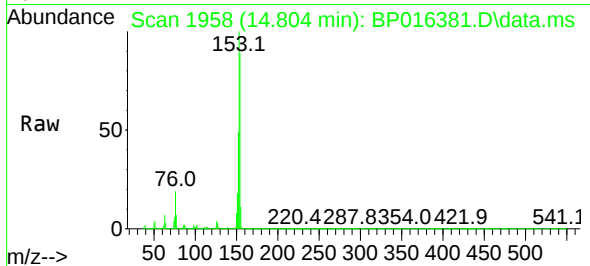
Tgt Ion:138 Resp: 589044  
Ion Ratio Lower Upper  
138 100  
108 12.8 16.6 24.8#  
92 115.4 94.3 141.5





#52  
Acenaphthene  
Concen: 50.163 ng/ul  
RT: 14.804 min Scan# 1958  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

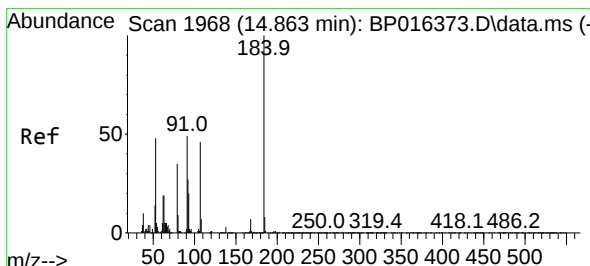
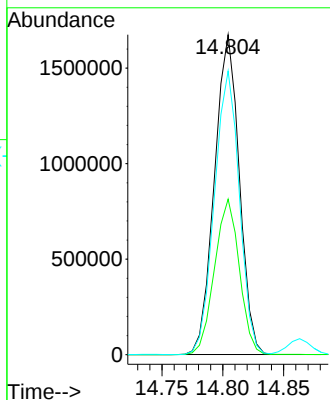
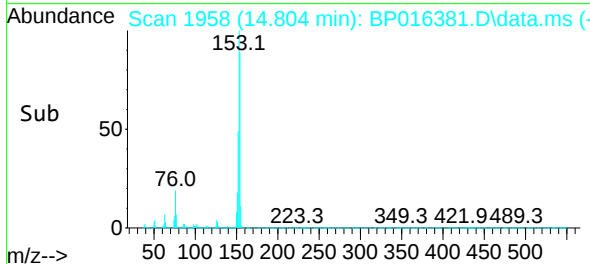
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



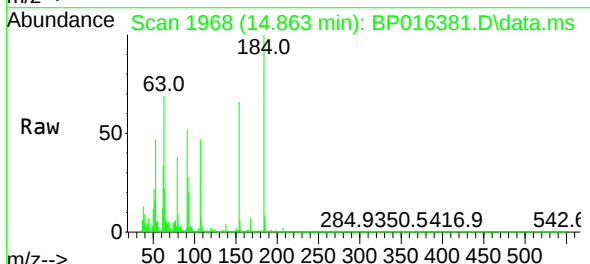
Tgt Ion:153 Resp: 2380414  
Ion Ratio Lower Upper  
153 100  
152 48.6 38.8 58.2  
154 88.7 71.7 107.5

Manual Integrations  
APPROVED

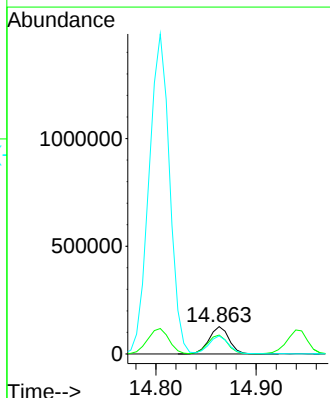
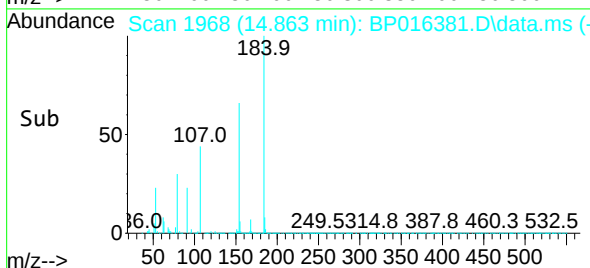
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

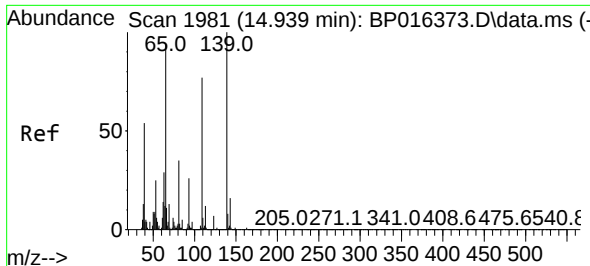


#53  
2,4-Dinitrophenol  
Concen: 51.648 ng/ul  
RT: 14.863 min Scan# 1968  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



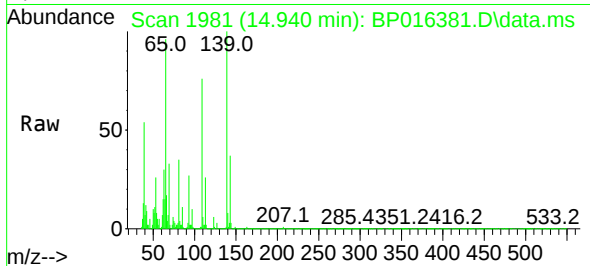
Tgt Ion:184 Resp: 175525  
Ion Ratio Lower Upper  
184 100  
63 69.0 60.0 90.0  
154 66.0 55.2 82.8





#55  
4-Nitrophenol  
Concen: 55.106 ng/ul  
RT: 14.940 min Scan# 1981  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

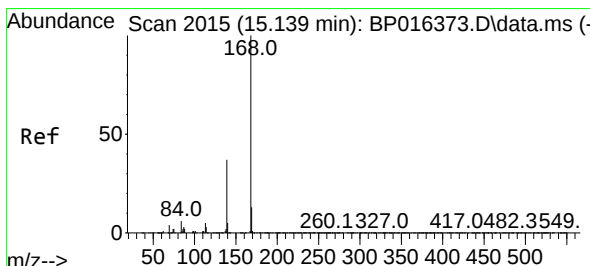
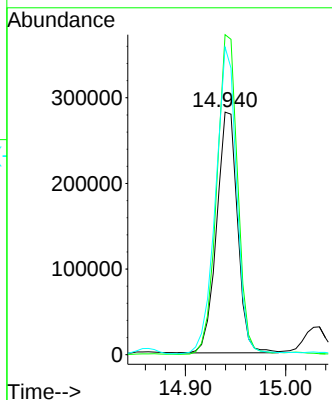
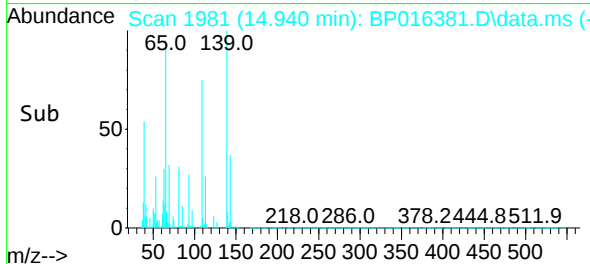
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:109 Resp: 40696  
Ion Ratio Lower Upper  
109 100  
139 131.9 103.5 155.3  
65 126.7 98.6 148.0

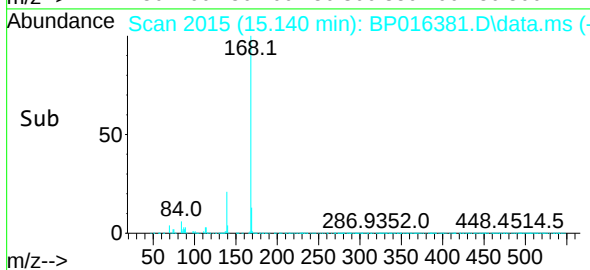
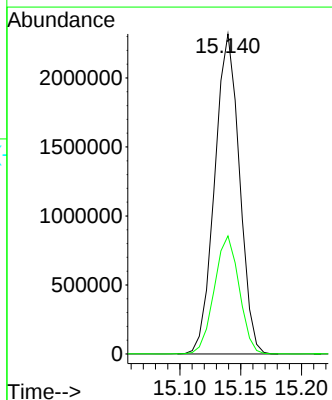
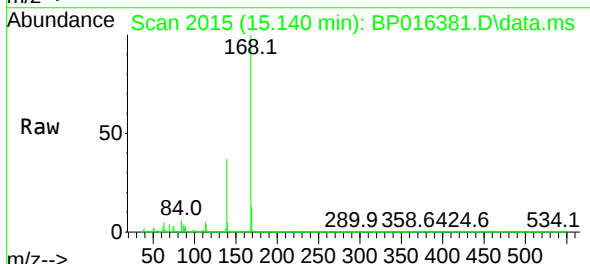
Manual Integrations  
APPROVED

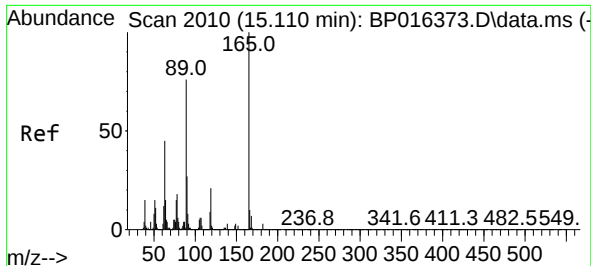
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#56  
Dibenzofuran  
Concen: 50.500 ng/ul  
RT: 15.140 min Scan# 2015  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Tgt Ion:168 Resp: 3280631  
Ion Ratio Lower Upper  
168 100  
139 36.9 30.0 45.0





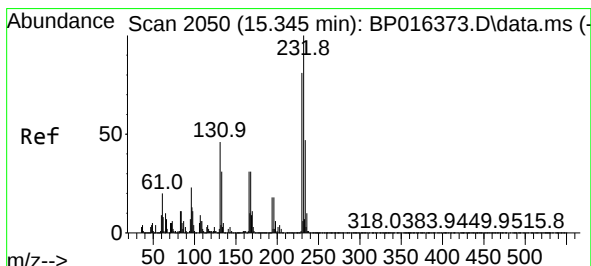
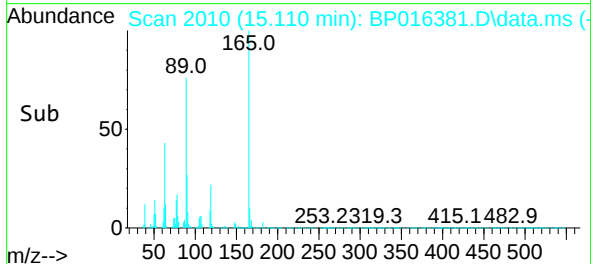
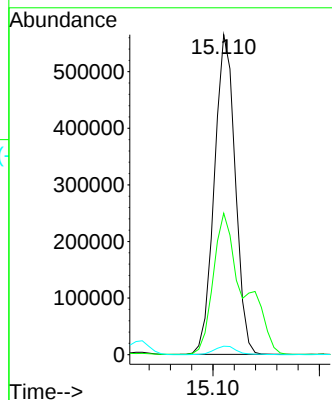
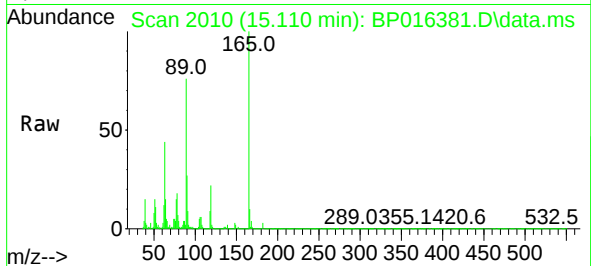
#57  
2,4-Dinitrotoluene  
Concen: 67.761 ng/ul  
RT: 15.110 min Scan# 2010  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS

Tgt Ion:165 Resp: 76765  
Ion Ratio Lower Upper  
165 100  
63 44.2 37.4 56.2  
182 2.6 2.2 3.4

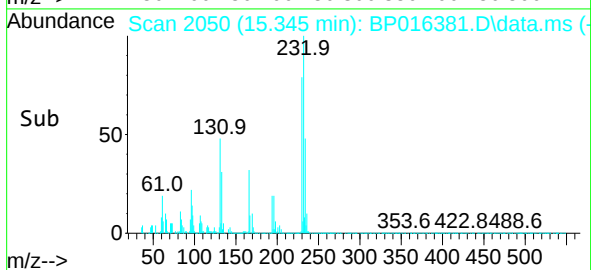
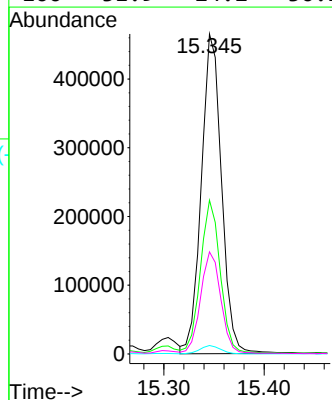
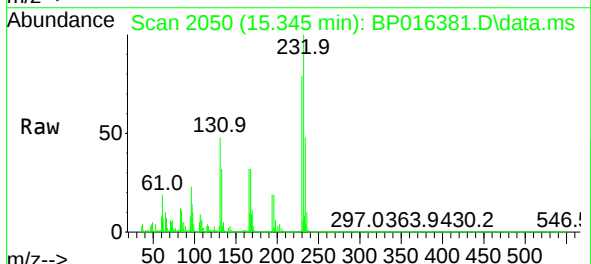
Manual Integrations  
APPROVED

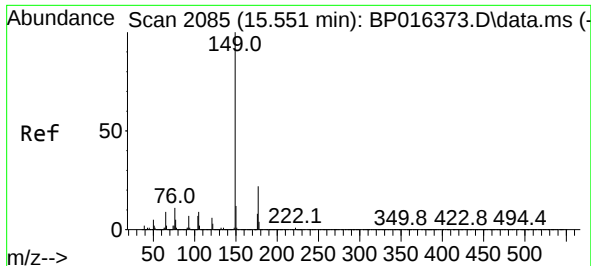
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 58.875 ng/ul  
RT: 15.345 min Scan# 2050  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

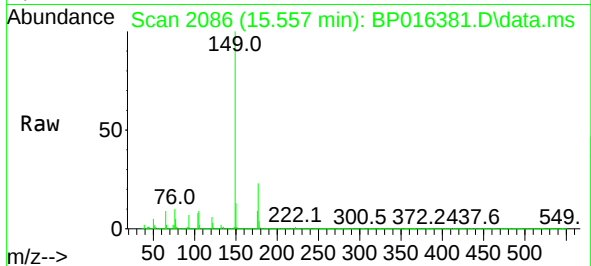
Tgt Ion:232 Resp: 653665  
Ion Ratio Lower Upper  
232 100  
131 48.0 35.1 52.7  
130 2.7 2.1 3.1  
166 31.9 24.2 36.2





#59  
Diethylphthalate  
Concen: 51.123 ng/ul  
RT: 15.557 min Scan# 2085  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

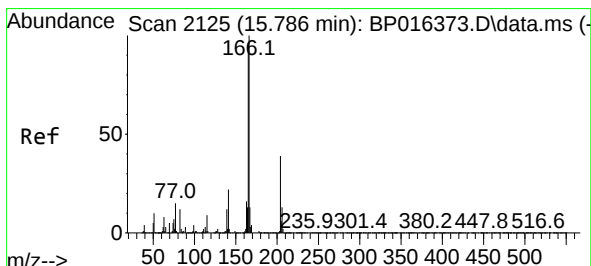
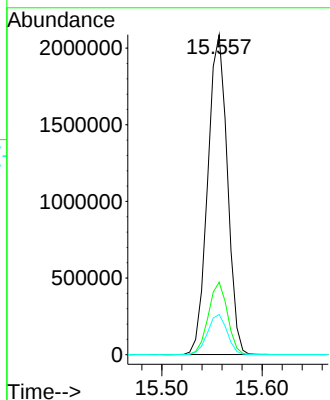
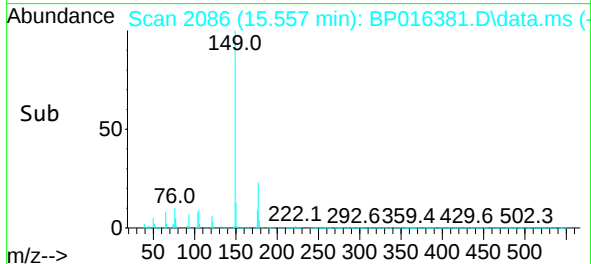
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:149 Resp: 2839234  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.9 26.9  
150 12.5 9.9 14.9

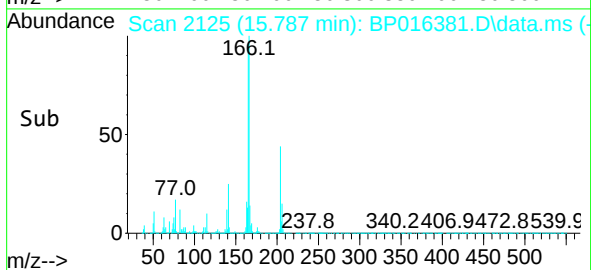
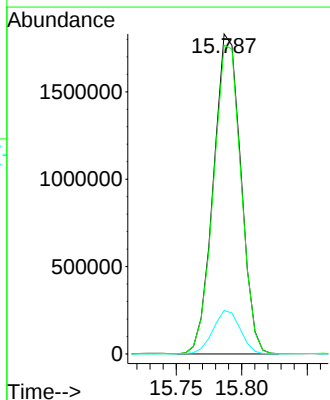
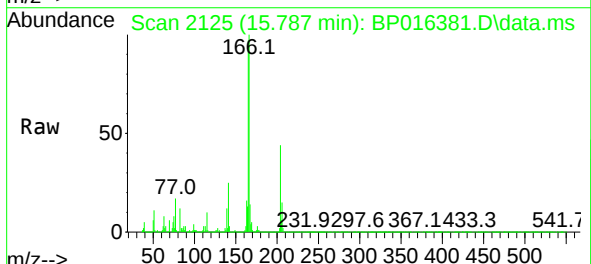
Manual Integrations  
APPROVED

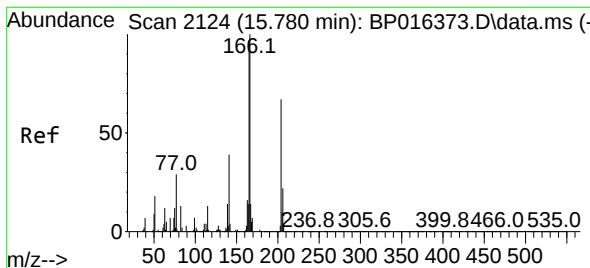
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#61  
Fluorene  
Concen: 50.240 ng/ul  
RT: 15.787 min Scan# 2125  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

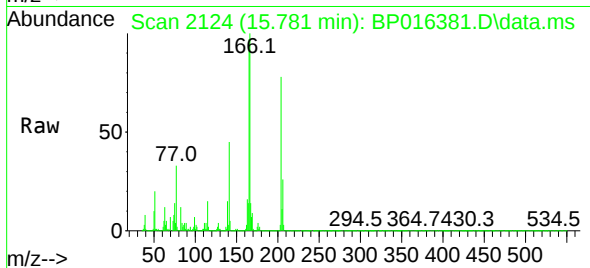
Tgt Ion:166 Resp: 2650990  
Ion Ratio Lower Upper  
166 100  
165 96.5 77.0 115.4  
167 13.6 10.6 15.8





#62  
4-Chlorophenyl-phenylether  
Concen: 49.469 ng/ul  
RT: 15.781 min Scan# 2124  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

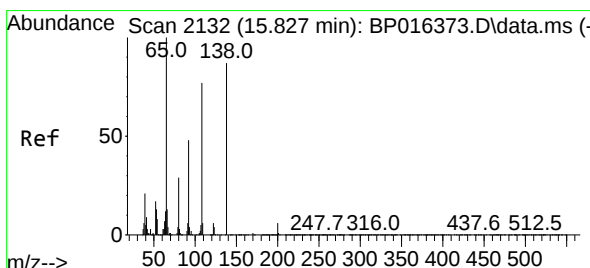
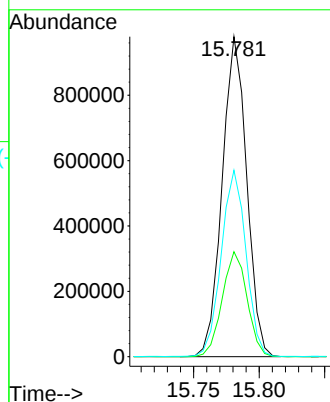
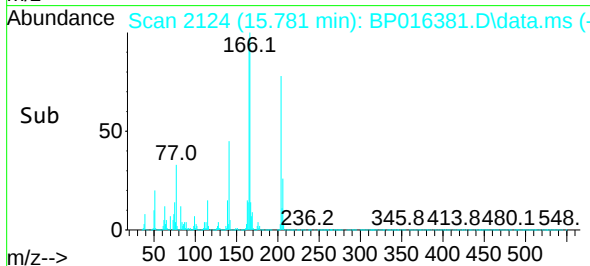
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



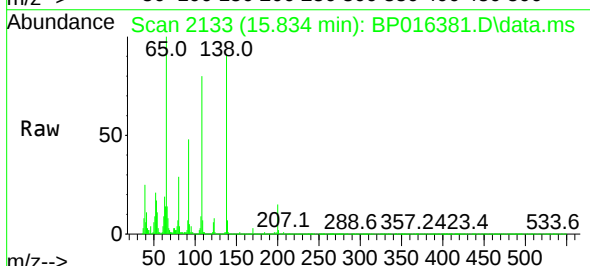
Tgt Ion:204 Resp: 1272538  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 58.2 46.2 69.4

Manual Integrations  
APPROVED

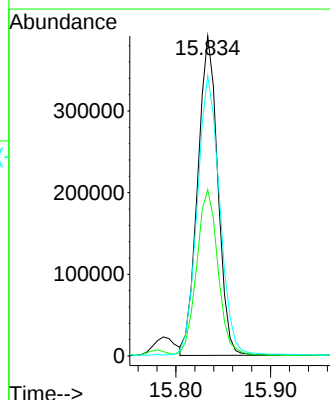
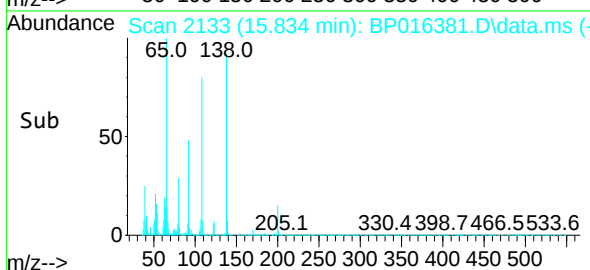
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

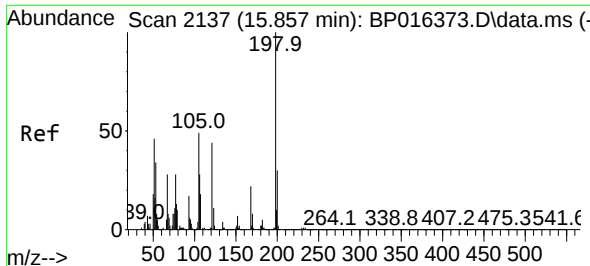


#63  
4-Nitroaniline  
Concen: 67.750 ng/ul  
RT: 15.834 min Scan# 2133  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



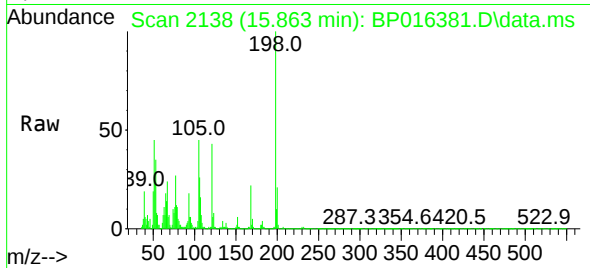
Tgt Ion:138 Resp: 577516  
Ion Ratio Lower Upper  
138 100  
92 52.0 45.3 67.9  
108 87.6 76.4 114.6





#66  
4,6-Dinitro-2-methylphenol  
Concen: 52.654 ng/ul  
RT: 15.863 min Scan# 2137  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

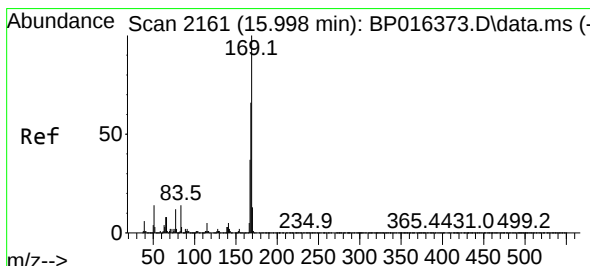
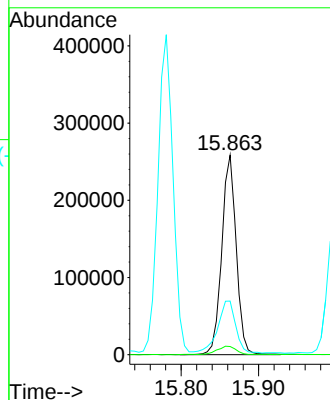
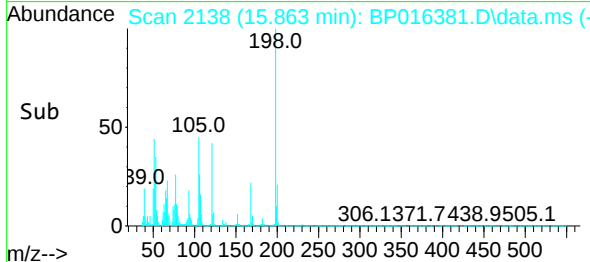
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:198 Resp: 336524  
Ion Ratio Lower Upper  
198 100  
182 4.1 3.8 5.8  
77 26.8 21.6 32.4

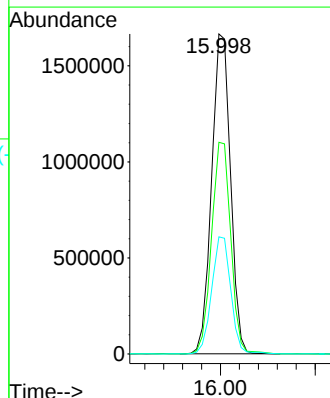
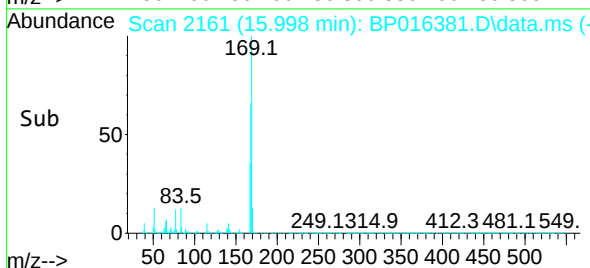
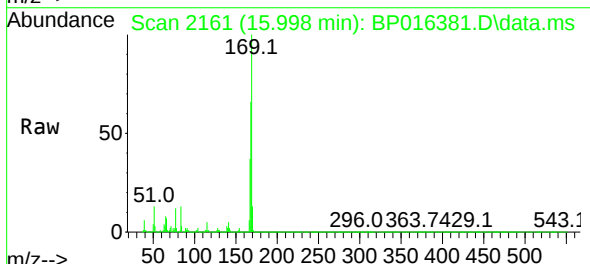
Manual Integrations  
APPROVED

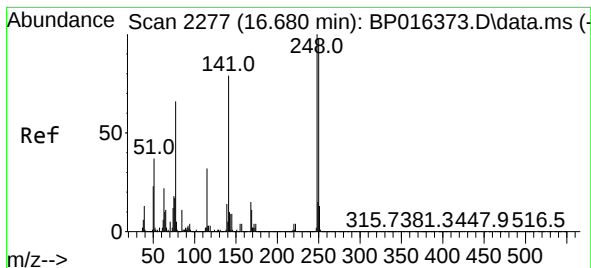
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#67  
N-Nitrosodiphenylamine  
Concen: 50.479 ng/ul  
RT: 15.998 min Scan# 2161  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Tgt Ion:169 Resp: 2297224  
Ion Ratio Lower Upper  
169 100  
168 66.1 54.0 81.0  
167 36.6 29.4 44.2





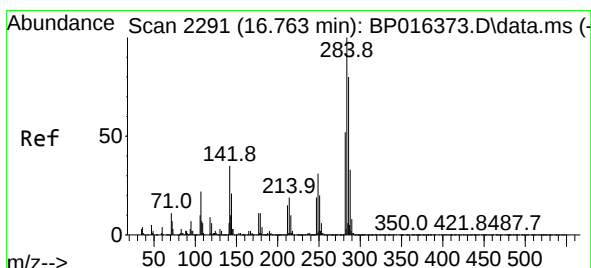
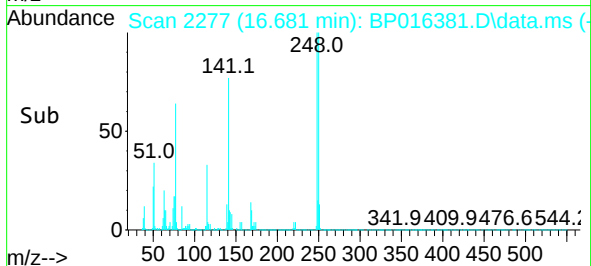
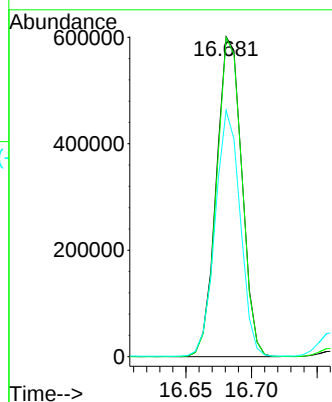
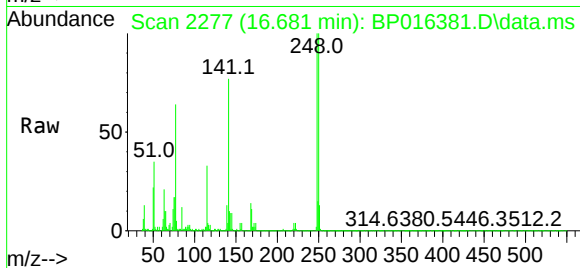
#68  
4-Bromophenyl-phenylether  
Concen: 52.728 ng/ul  
RT: 16.681 min Scan# 2277  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS

Tgt Ion:248 Resp: 81162  
Ion Ratio Lower Upper  
248 100  
250 99.7 78.1 117.1  
141 77.0 61.2 91.8

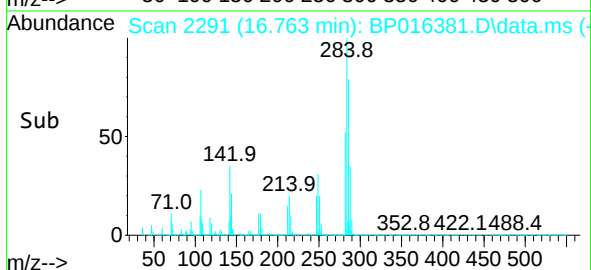
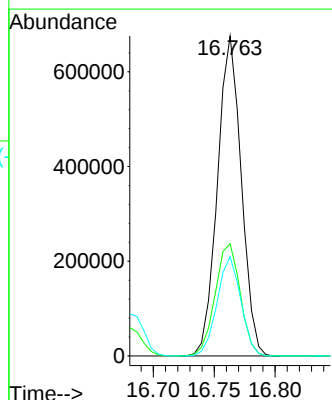
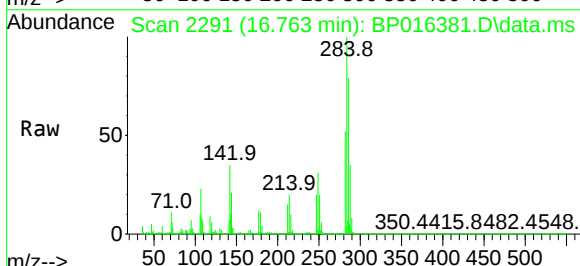
Manual Integrations  
APPROVED

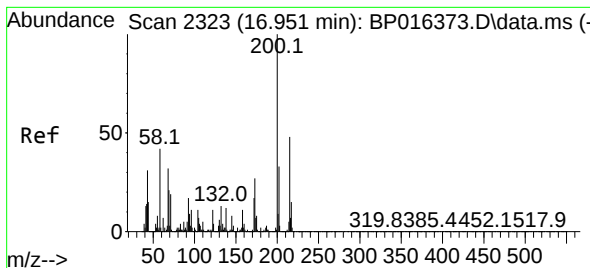
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#69  
Hexachlorobenzene  
Concen: 49.851 ng/ul  
RT: 16.763 min Scan# 2291  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Tgt Ion:284 Resp: 920169  
Ion Ratio Lower Upper  
284 100  
142 35.1 29.7 44.5  
249 31.0 24.8 37.2





#70

Atrazine

Concen: 49.326 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.003 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

Instrument :

BNA\_P

ClientSampleId :

DCHA2MS

Tgt Ion:200 Resp: 819018

Ion Ratio Lower Upper

200 100

173 26.4 21.7 32.5

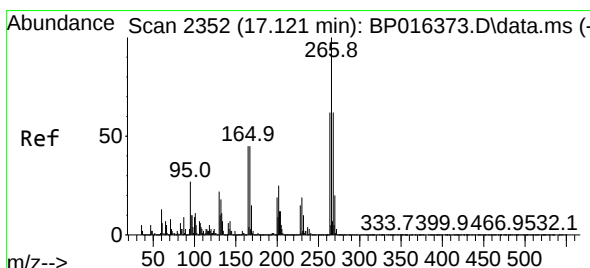
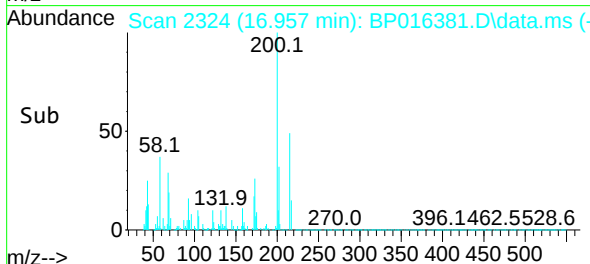
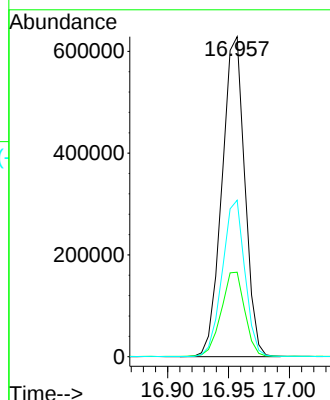
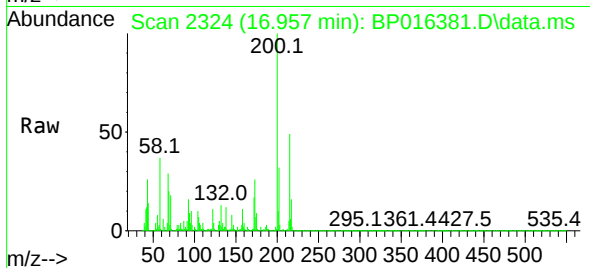
215 48.9 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#71

Pentachlorophenol

Concen: 95.236 ng/ul

RT: 17.122 min Scan# 2352

Delta R.T. -0.003 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

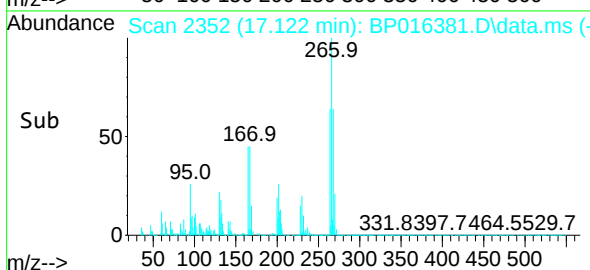
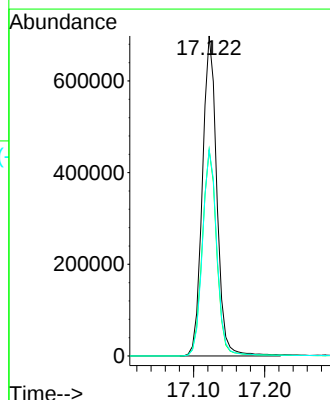
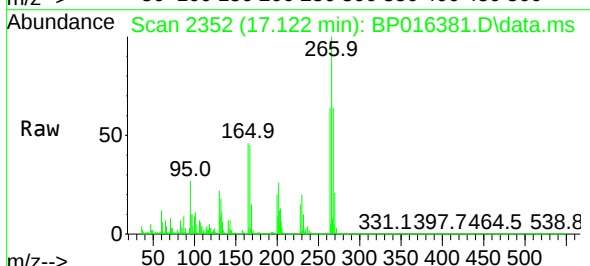
Tgt Ion:266 Resp: 990607

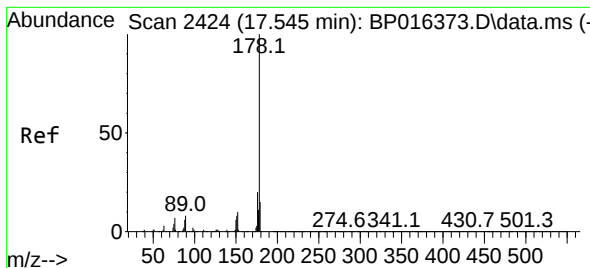
Ion Ratio Lower Upper

266 100

264 64.4 50.9 76.3

268 64.5 51.5 77.3





#72

Phenanthrene

Concen: 50.104 ng/ul

RT: 17.545 min Scan# 2424

Delta R.T. -0.009 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

Instrument :

BNA\_P

ClientSampleId :

DCHA2MS

Tgt Ion:178 Resp: 4231794

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

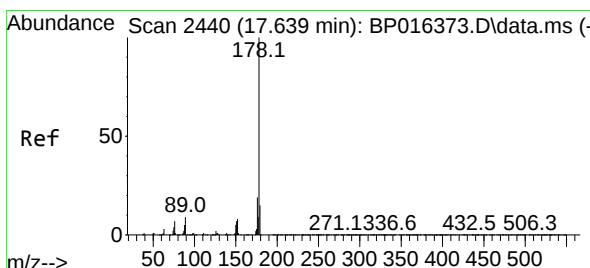
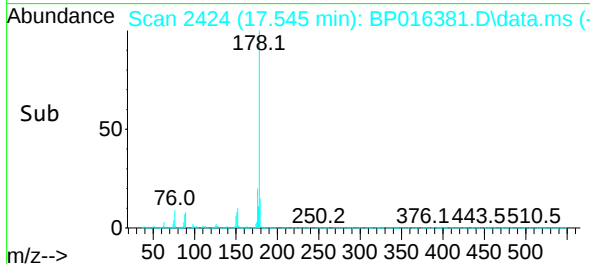
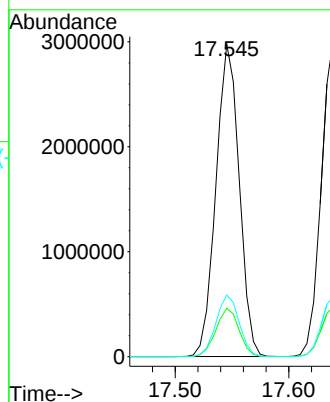
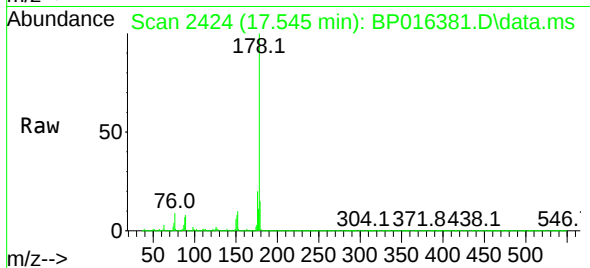
176 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#74

Anthracene

Concen: 48.746 ng/ul

RT: 17.639 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

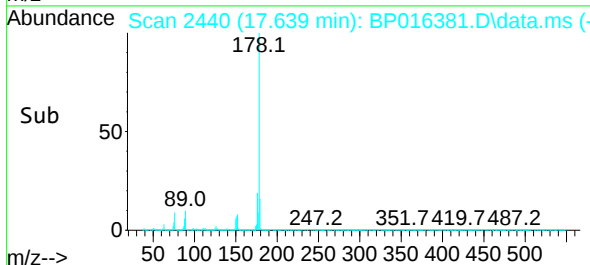
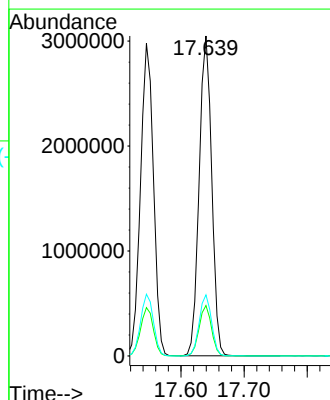
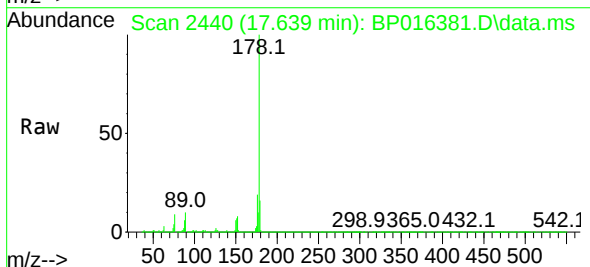
Tgt Ion:178 Resp: 4193728

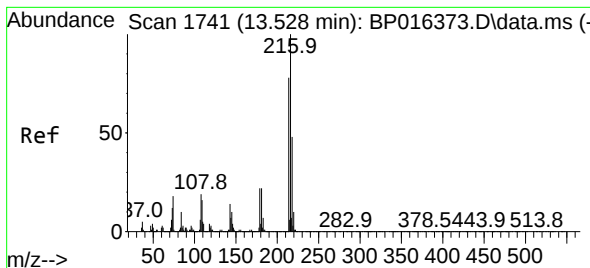
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

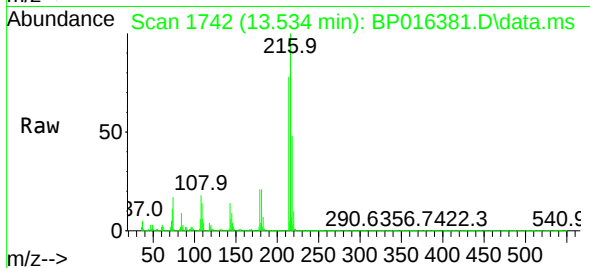
176 19.1 15.1 22.7





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 46.309 ng/uL  
RT: 13.534 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

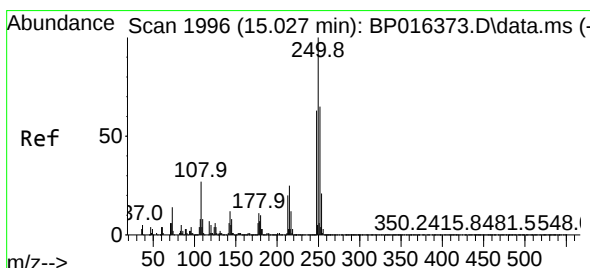
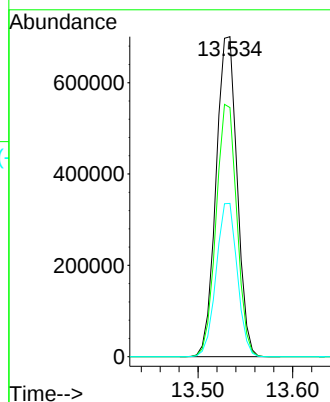
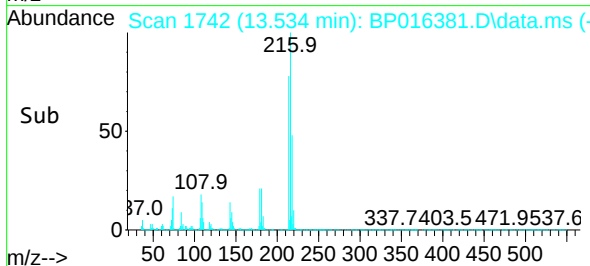
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



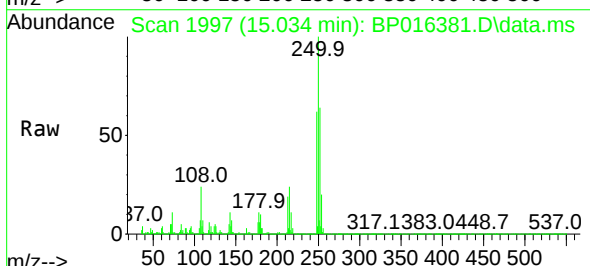
Tgt Ion:216 Resp: 1084960  
Ion Ratio Lower Upper  
216 100  
214 77.9 62.8 94.2  
218 47.9 38.6 58.0

Manual Integrations  
APPROVED

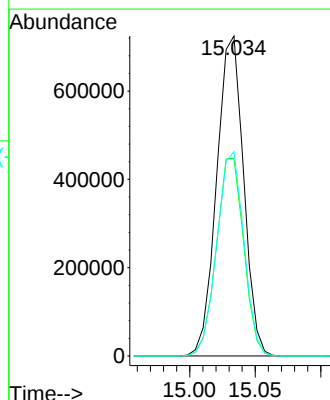
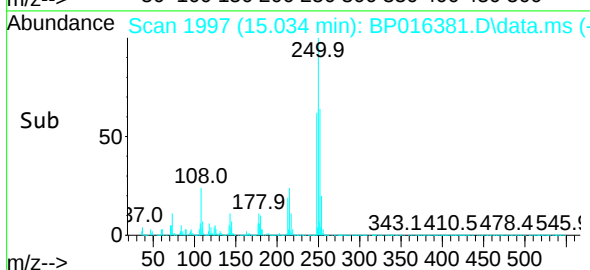
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

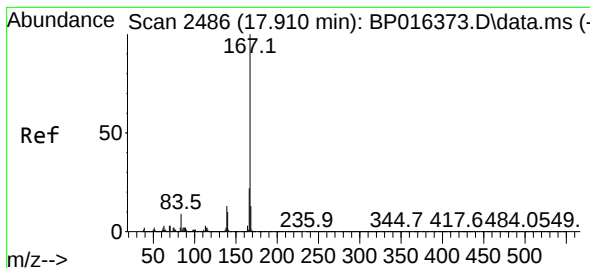


#76  
Pentachlorobenzene  
Concen: 49.993 ng/uL  
RT: 15.034 min Scan# 1997  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



Tgt Ion:250 Resp: 1035024  
Ion Ratio Lower Upper  
250 100  
248 61.8 50.1 75.1  
252 63.9 51.0 76.6





#77

Carbazole

Concen: 53.126 ng/ul

RT: 17.910 min Scan# 2486

Delta R.T. -0.009 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

Instrument :

BNA\_P

ClientSampleId :

DCHA2MS

Tgt Ion:167 Resp: 393418

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

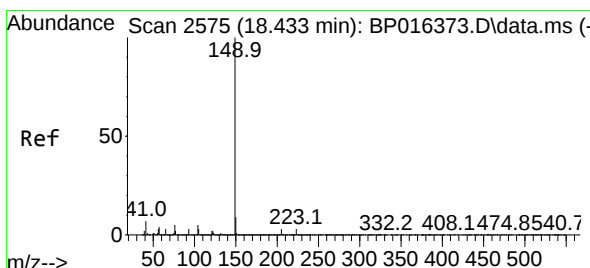
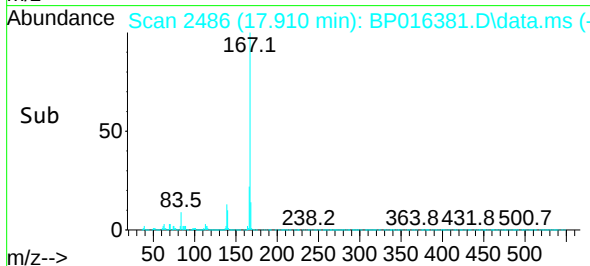
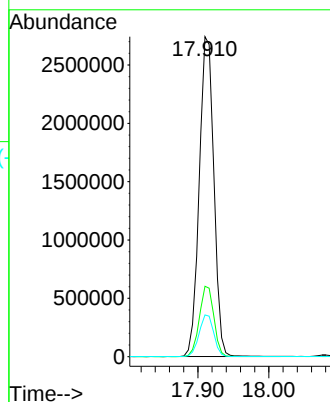
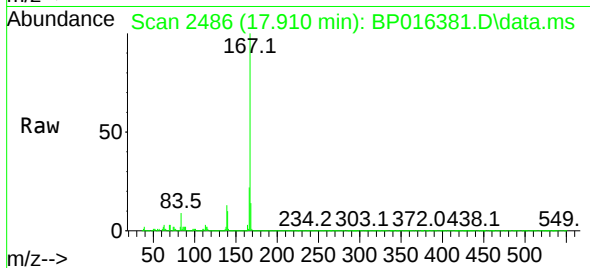
139 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#78

Di-n-butylphthalate

Concen: 53.419 ng/ul

RT: 18.433 min Scan# 2575

Delta R.T. -0.009 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

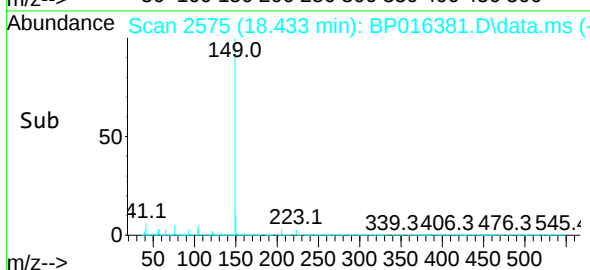
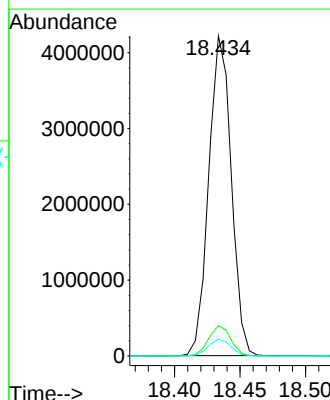
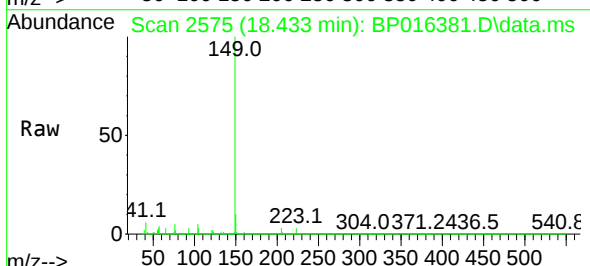
Tgt Ion:149 Resp: 5037759

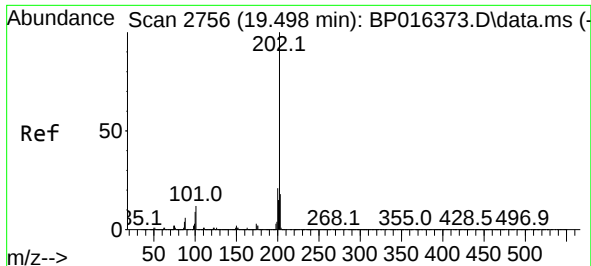
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

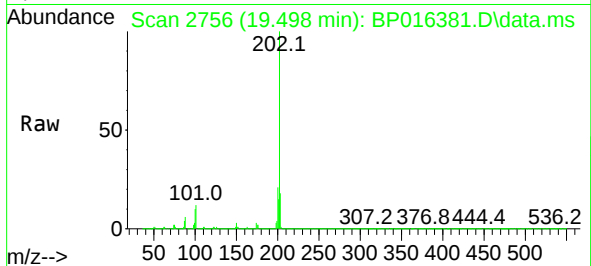
104 5.2 4.3 6.5





#80  
Fluoranthene  
Concen: 53.029 ng/u1  
RT: 19.498 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

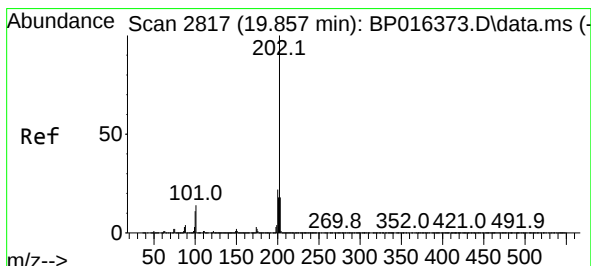
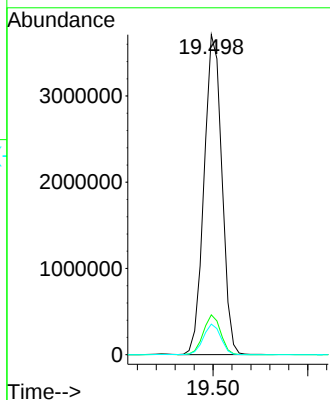
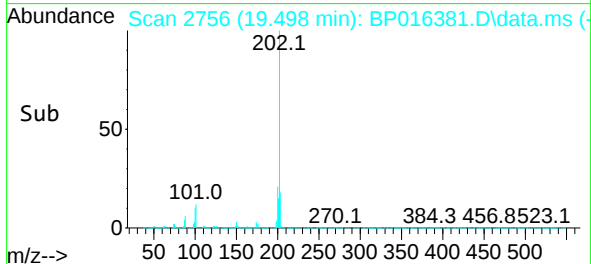
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:202 Resp: 483683  
Ion Ratio Lower Upper  
202 100  
101 12.4 9.1 13.7  
100 9.6 7.1 10.7

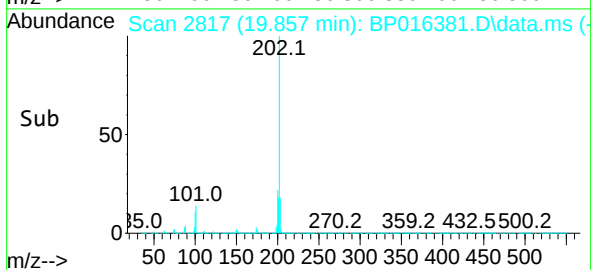
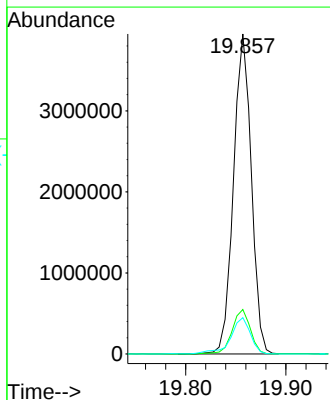
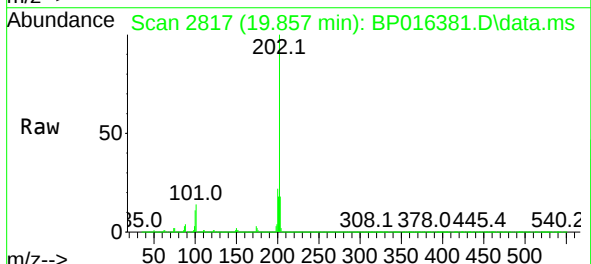
Manual Integrations  
APPROVED

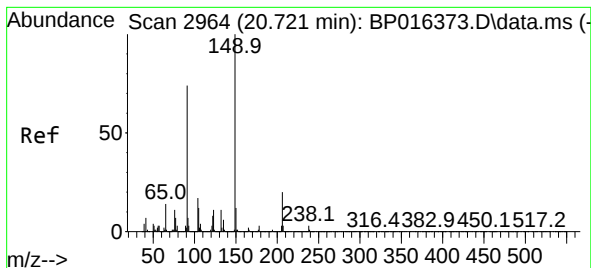
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#82  
Pyrene  
Concen: 51.891 ng/u1  
RT: 19.857 min Scan# 2817  
Delta R.T. -0.003 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

Tgt Ion:202 Resp: 4889854  
Ion Ratio Lower Upper  
202 100  
101 13.9 11.2 16.8  
100 11.4 9.4 14.0





#83

Butylbenzylphthalate

Concen: 63.239 ng/ul

RT: 20.722 min Scan# 2964

Delta R.T. -0.009 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

Instrument :

BNA\_P

ClientSampleId :

DCHA2MS

Tgt Ion:149 Resp: 2256100

Ion Ratio Lower Upper

149 100

91 72.0 58.5 87.7

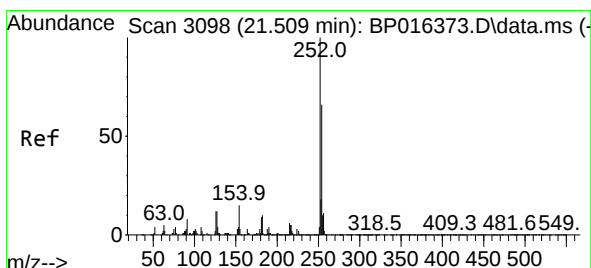
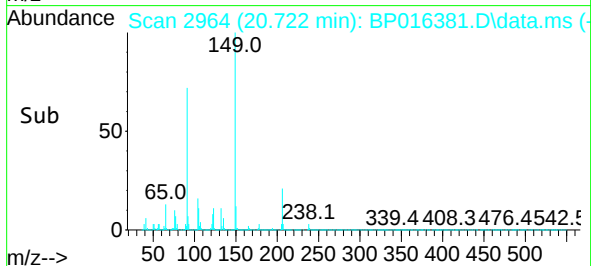
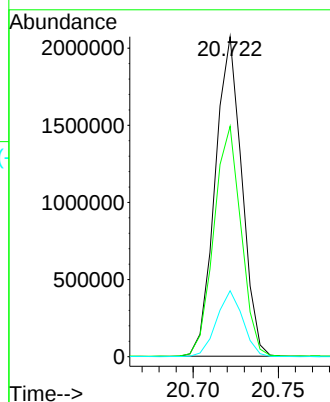
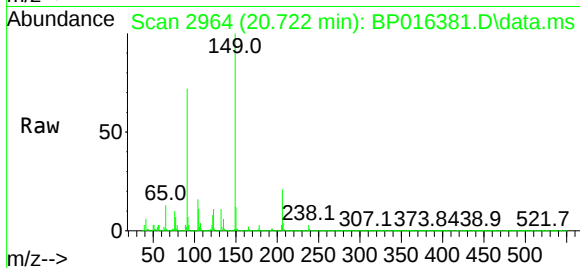
206 20.6 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#84

3,3'-Dichlorobenzidine

Concen: 43.600 ng/ul

RT: 21.510 min Scan# 3098

Delta R.T. -0.003 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

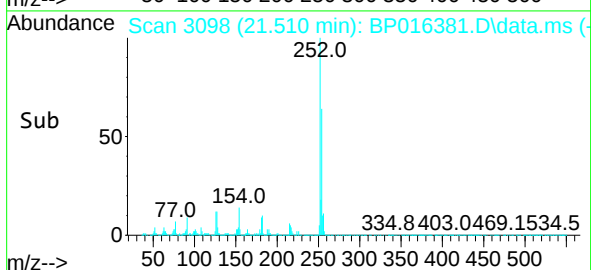
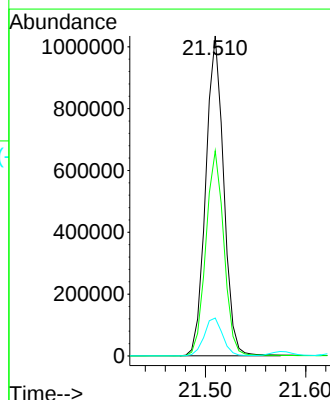
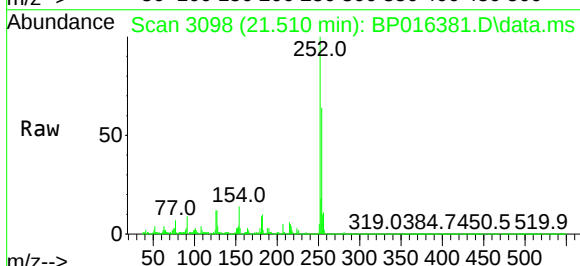
Tgt Ion:252 Resp: 1284194

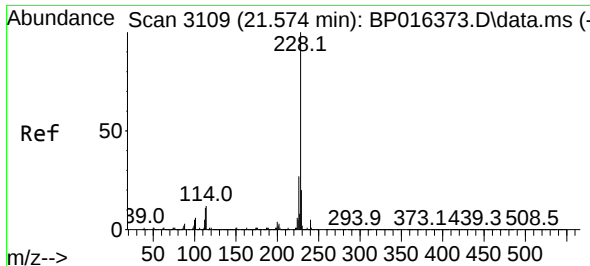
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.0

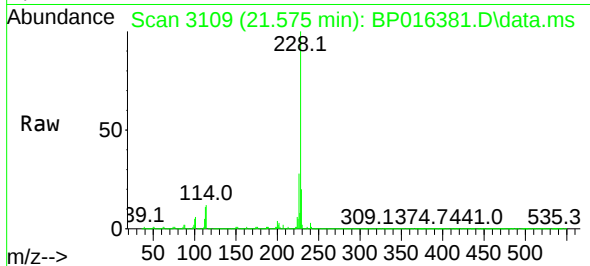
126 11.9 10.3 15.5





#85  
Benzo(a)anthracene  
Concen: 48.970 ng/ul  
RT: 21.575 min Scan# 3109  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

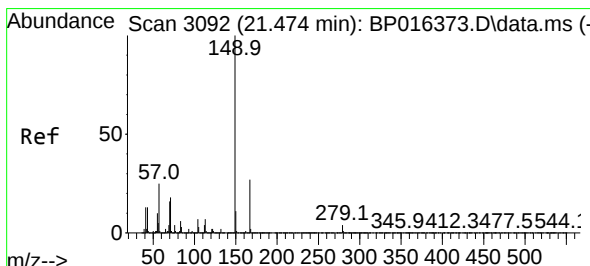
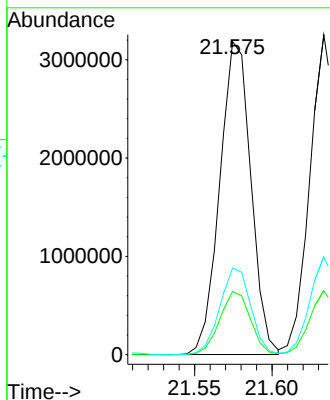
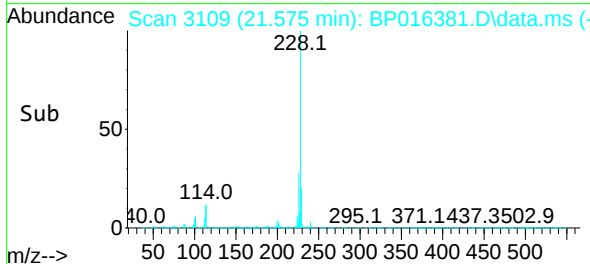
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



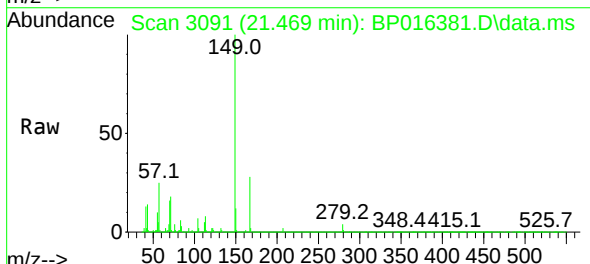
Tgt Ion:228 Resp: 444490  
Ion Ratio Lower Upper  
228 100  
229 20.2 15.9 23.9  
226 27.6 22.0 33.0

Manual Integrations  
APPROVED

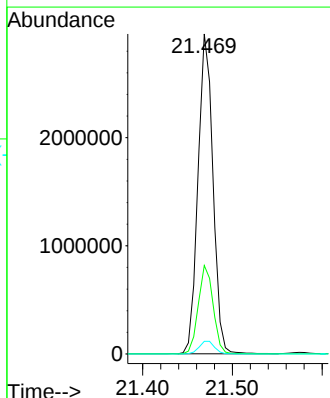
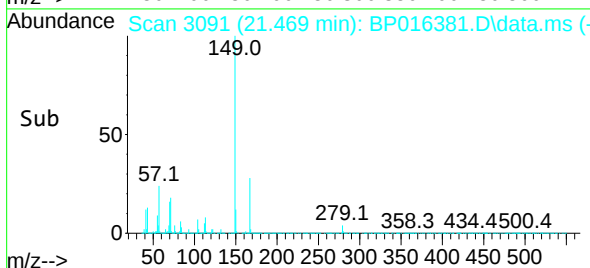
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

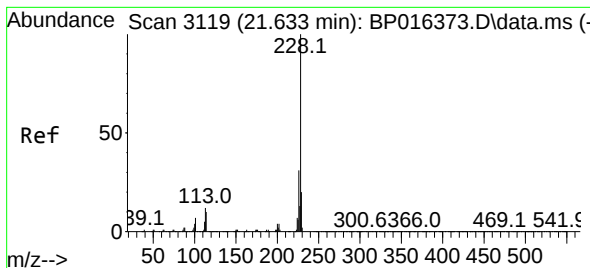


#86  
Bis(2-ethylhexyl)phthalate  
Concen: 62.783 ng/ul  
RT: 21.469 min Scan# 3091  
Delta R.T. -0.015 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



Tgt Ion:149 Resp: 3416609  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.7 32.5  
279 3.9 3.0 4.4





#87

Chrysene

Concen: 50.150 ng/ul

RT: 21.633 min Scan# 3119

Delta R.T. -0.009 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

Instrument :

BNA\_P

ClientSampleId :

DCHA2MS

Tgt Ion:228 Resp: 421536

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

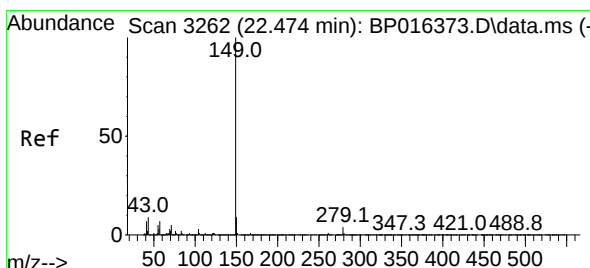
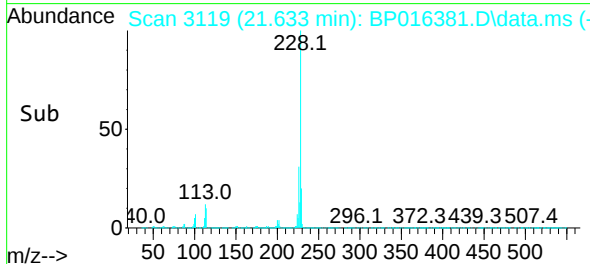
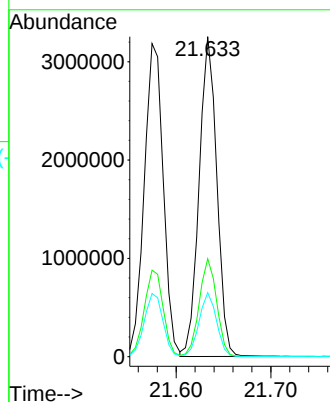
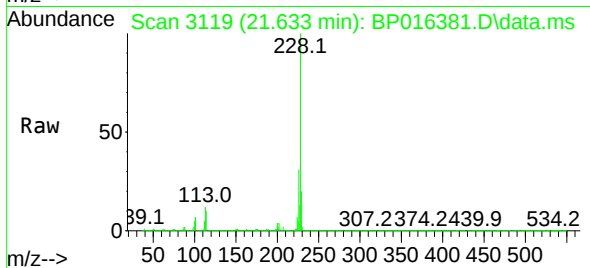
229 20.0 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#89

Di-n-octyl phthalate

Concen: 73.284 ng/ul

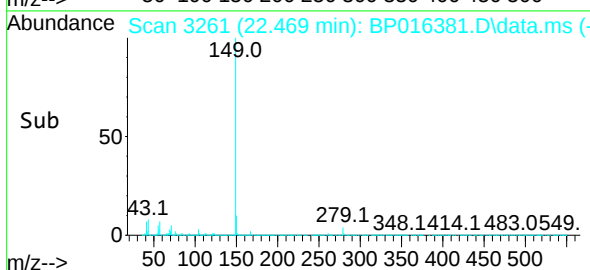
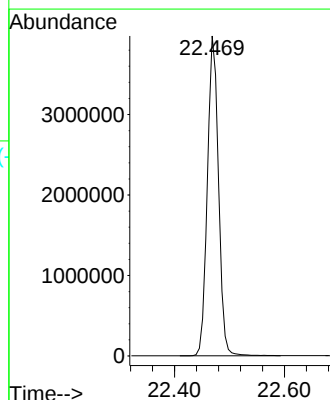
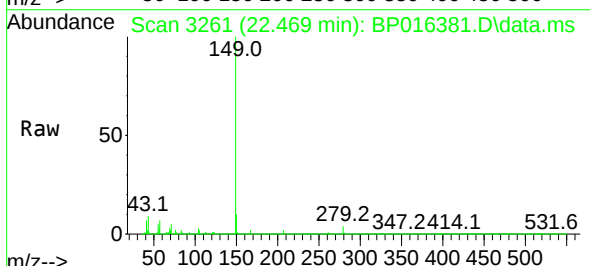
RT: 22.469 min Scan# 3261

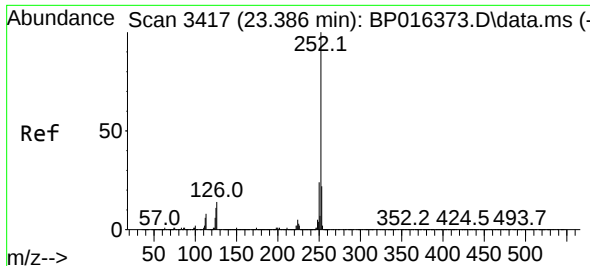
Delta R.T. -0.021 min

Lab File: BP016381.D

Acq: 26 Jul 2023 18:40

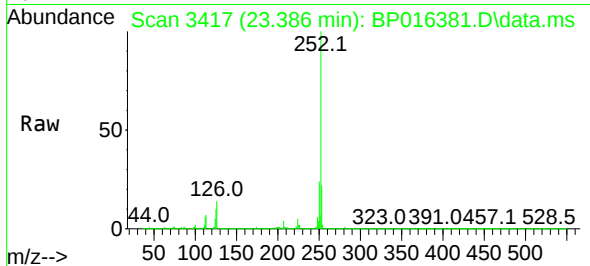
Tgt Ion:149 Resp: 5572922





#90  
Benzo(b)fluoranthene  
Concen: 55.542 ng/ul  
RT: 23.386 min Scan# 3417  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

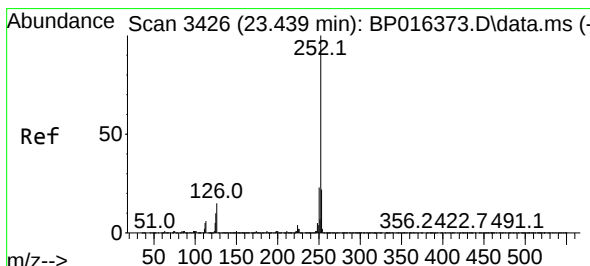
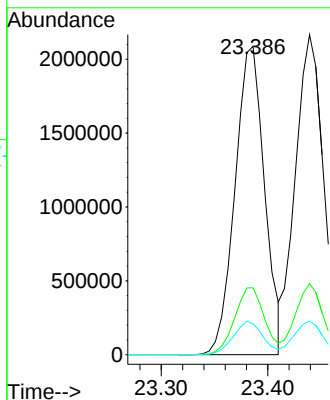
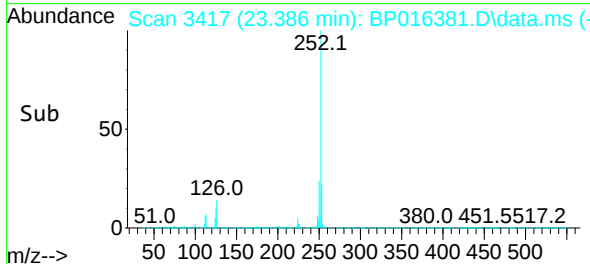
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



Tgt Ion:252 Resp: 4023959  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 10.0 8.8 13.2

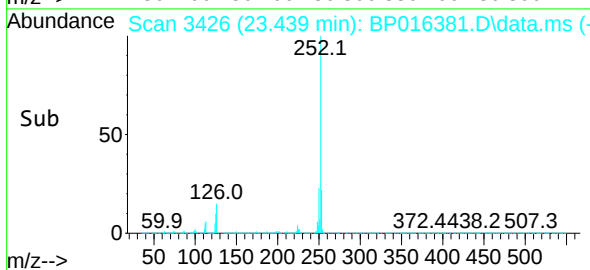
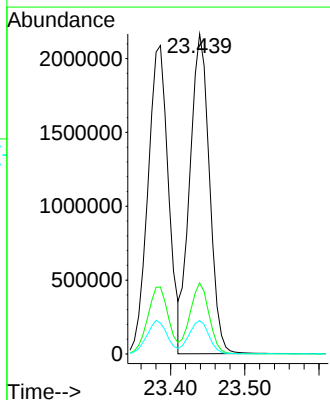
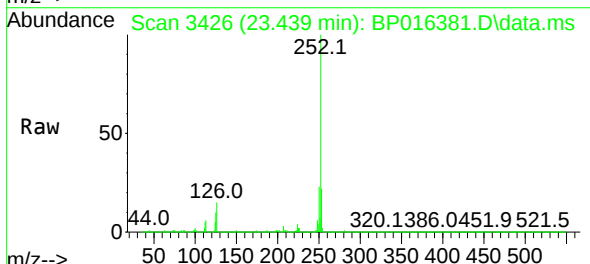
Manual Integrations  
APPROVED

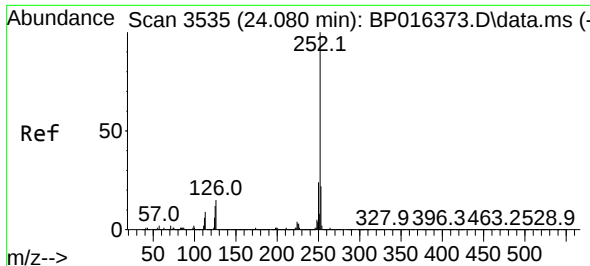
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#91  
Benzo(k)fluoranthene  
Concen: 55.163 ng/ul  
RT: 23.439 min Scan# 3426  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

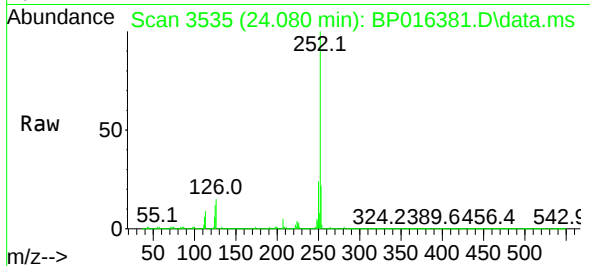
Tgt Ion:252 Resp: 3977240  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 10.4 9.0 13.6





#93  
Benzo(a)pyrene  
Concen: 49.354 ng/ul  
RT: 24.080 min Scan# 3535  
Delta R.T. -0.009 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

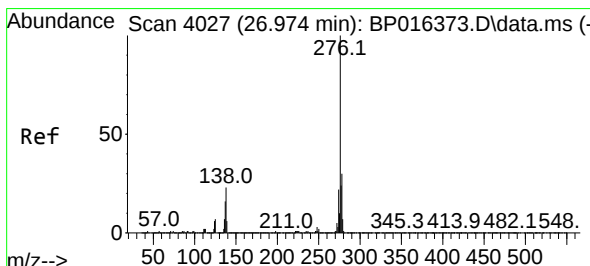
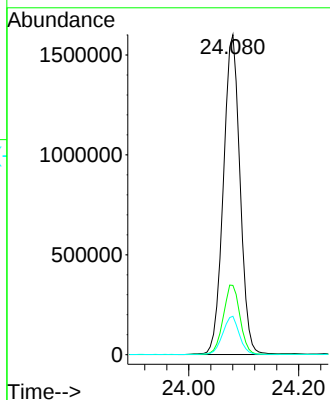
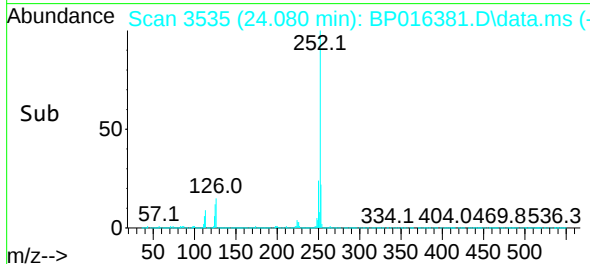
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



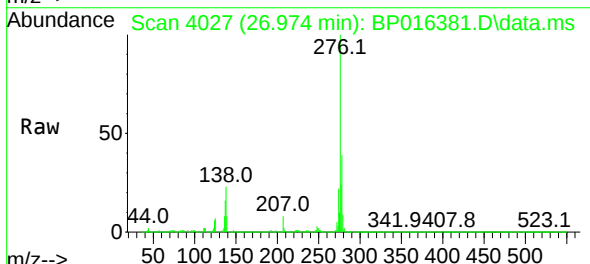
Tgt Ion:252 Resp: 3367552  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.0 27.0  
125 12.0 9.4 14.0

Manual Integrations  
APPROVED

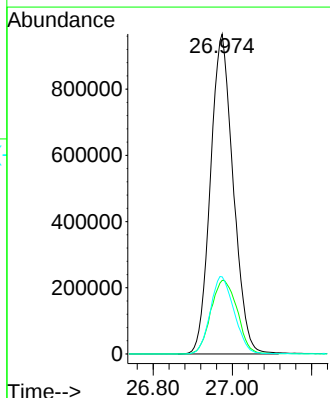
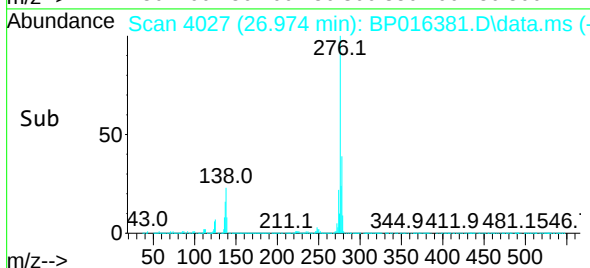
Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023

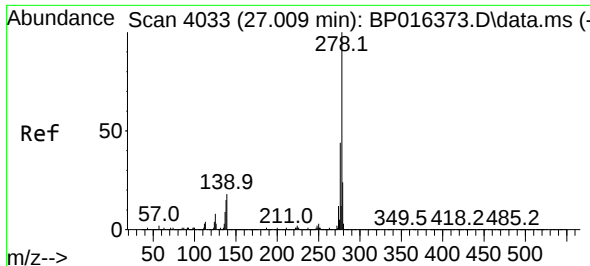


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 48.846 ng/ul  
RT: 26.974 min Scan# 4027  
Delta R.T. -0.015 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



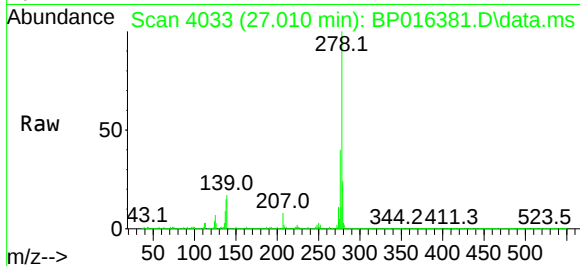
Tgt Ion:276 Resp: 3848590  
Ion Ratio Lower Upper  
276 100  
138 23.0 18.1 27.1  
277 24.1 19.0 28.4





#95  
Dibenzo(a,h)anthracene  
Concen: 49.534 ng/ul  
RT: 27.010 min Scan# 4033  
Delta R.T. -0.015 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40

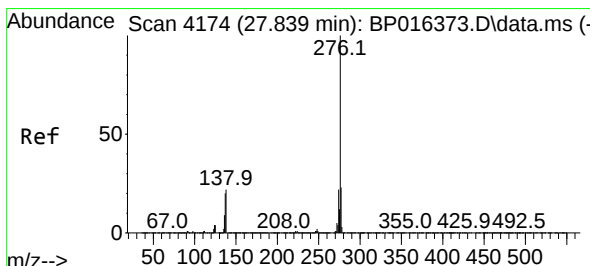
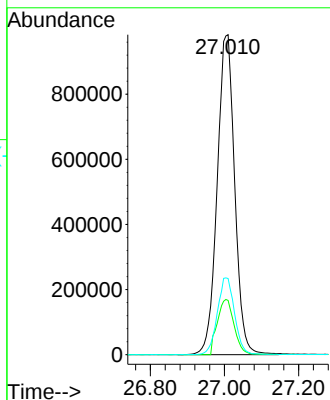
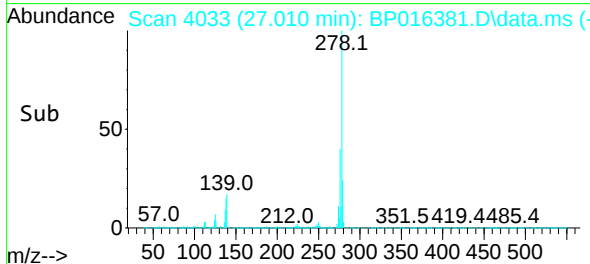
Instrument :  
BNA\_P  
ClientSampleId :  
DCHA2MS



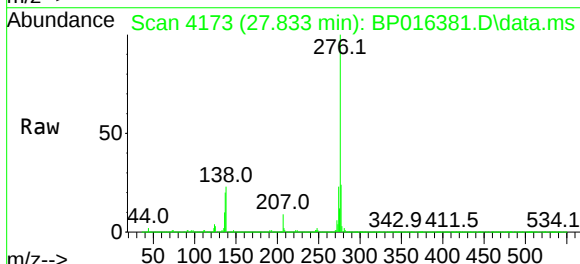
Tgt Ion:278 Resp: 3227900  
Ion Ratio Lower Upper  
278 100  
139 16.9 14.2 21.2  
279 23.8 19.4 29.2

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/27/2023  
Supervised By :mohammad ahmed 07/27/2023



#96  
Benzo(g,h,i)perylene  
Concen: 48.835 ng/ul  
RT: 27.833 min Scan# 4173  
Delta R.T. -0.027 min  
Lab File: BP016381.D  
Acq: 26 Jul 2023 18:40



Tgt Ion:276 Resp: 3046221  
Ion Ratio Lower Upper  
276 100  
138 22.7 17.8 26.6  
277 23.8 19.0 28.4

