

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
 Data File : BP021436.D  
 Acq On : 08 Aug 2024 03:19  
 Operator : CG/JU  
 Sample : PB162412BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS412

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 04:03:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 29 12:46:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.605  | 152  | 147034   | 20.000 | ng/u1  | -0.03    |
| 20) Naphthalene-d8            | 10.369 | 136  | 603173   | 20.000 | ng/u1  | -0.02    |
| 38) Acenaphthene-d10          | 14.251 | 164  | 398252   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 17.075 | 188  | 869957   | 20.000 | ng/u1  | -0.02    |
| 79) Chrysene-d12              | 21.504 | 240  | 976427   | 20.000 | ng/u1  | -0.03    |
| 88) Perylene-d12              | 24.792 | 264  | 1153718  | 20.000 | ng/u1  | -0.04    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.152  | 96   | 19661    | 6.085  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.570  | 84   | 198636   | 21.235 | ng/u1  | -0.02    |
| 7) Phenol-d5                  | 6.828  | 99   | 288388   | 24.058 | ng/u1  | -0.02    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.958  | 67   | 166119   | 22.867 | ng/u1  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.158  | 132  | 240844   | 24.386 | ng/u1  | -0.02    |
| 15) 4-Methylphenol-d8         | 8.340  | 113  | 267372   | 26.855 | ng/u1  | -0.02    |
| 21) Nitrobenzene-d5           | 8.775  | 128  | 133912   | 28.584 | ng/u1  | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.481  | 143  | 151484   | 28.251 | ng/u1  | -0.02    |
| 28) 2,4-Dichlorophenol-d3     | 10.040 | 165  | 273761   | 28.234 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.540 | 131  | 343473   | 26.740 | ng/u1  | -0.02    |
| 46) Dimethylphthalate-d6      | 13.669 | 166  | 848372   | 29.304 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 13.945 | 160  | 972969   | 29.930 | ng/u1  | -0.02    |
| 54) 4-Nitrophenol-d4          | 14.575 | 143  | 163337m  | 39.654 | ng/u1  | -0.01    |
| 60) Fluorene-d10              | 15.269 | 176  | 735580   | 30.971 | ng/u1  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 149766   | 28.453 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.175 | 188  | 1142595  | 29.571 | ng/u1  | -0.02    |
| 81) Pyrene-d10                | 19.563 | 212  | 1571274  | 26.029 | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.557 | 264  | 1756524  | 30.870 | ng/u1  | -0.04    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.181  | 88   | 34704    | 9.766  | ng/uL  | 97       |
| 5) Pyridine                   | 3.593  | 79   | 202215   | 20.959 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.793  | 77   | 148649m  | 24.597 | ng/u1  |          |
| 8) Phenol                     | 6.852  | 94   | 304492   | 25.103 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.052  | 93   | 233590   | 23.311 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.187  | 128  | 251798   | 25.437 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.075  | 108  | 267075   | 28.470 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.116  | 45   | 411824m  | 28.447 | ng/u1  |          |
| 16) Acetophenone              | 8.440  | 105  | 439180   | 28.581 | ng/u1  | 88       |
| 17) N-Nitroso-di-n-propyla... | 8.410  | 70   | 218957   | 27.195 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.416  | 108  | 289997   | 28.855 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.646  | 117  | 119800   | 26.932 | ng/u1  | 97       |
| 22) Nitrobenzene              | 8.816  | 77   | 337451   | 30.069 | ng/u1  | 97       |
| 23) Isophorone                | 9.322  | 82   | 612951   | 27.473 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.516  | 139  | 165077   | 29.518 | ng/u1  | 100      |
| 26) 2,4-Dimethylphenol        | 9.587  | 107  | 256713   | 23.279 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.793  | 93   | 372093   | 27.437 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.063 | 162  | 277141   | 29.003 | ng/u1  | 98       |
| 30) Naphthalene               | 10.416 | 128  | 923434   | 29.105 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.569 | 127  | 325583   | 26.544 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.675 | 225  | 193671   | 27.030 | ng/u1  | 97       |
| 34) Caprolactam               | 11.410 | 113  | 95592m   | 32.474 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.734 | 107  | 323604   | 31.155 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.046 | 142  | 628036   | 28.837 | ng/u1  | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080624\  
 Data File : BP021436.D  
 Acq On : 08 Aug 2024 03:19  
 Operator : CG/JU  
 Sample : PB162412BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS412

Manual Integrations  
 APPROVED

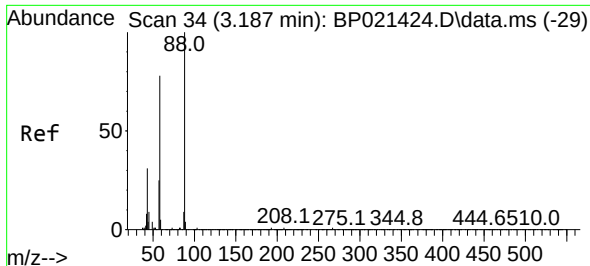
Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 04:03:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 29 12:46:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.257 | 142  | 634681   | 28.335 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.416 | 216  | 366813   | 28.361 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.363 | 237  | 41843    | 6.184  | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.687 | 196  | 206116   | 25.221 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.798 | 196  | 233876   | 27.048 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.063 | 154  | 834842   | 28.684 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.110 | 162  | 680257   | 29.277 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.363 | 65   | 216526   | 33.698 | ng/ul | 97       |
| 47) Dimethylphthalate         | 13.716 | 163  | 862815   | 29.372 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.863 | 165  | 181085   | 30.834 | ng/ul | 97       |
| 50) Acenaphthylene            | 13.975 | 152  | 1093258  | 29.703 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.216 | 138  | 187860   | 36.759 | ng/ul | 99       |
| 52) Acenaphthene              | 14.316 | 153  | 723596   | 29.620 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.475 | 184  | 83332    | 27.019 | ng/ul | 96       |
| 55) 4-Nitrophenol             | 14.592 | 109  | 125225   | 37.373 | ng/ul | 99       |
| 56) Dibenzofuran              | 14.663 | 168  | 1030300  | 30.798 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.698 | 165  | 281850   | 34.960 | ng/ul | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.916 | 232  | 185212   | 25.014 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.104 | 149  | 857630   | 29.214 | ng/ul | 99       |
| 61) Fluorene                  | 15.328 | 166  | 856953   | 31.392 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.316 | 204  | 431990   | 29.163 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.422 | 138  | 189054   | 44.669 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 159764   | 28.621 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.551 | 169  | 724627   | 28.604 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.239 | 248  | 266523   | 26.138 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.351 | 284  | 334951   | 28.648 | ng/ul | 98       |
| 70) Atrazine                  | 16.545 | 200  | 23814m   | 2.579  | ng/ul |          |
| 71) Pentachlorophenol         | 16.745 | 266  | 127473   | 20.074 | ng/ul | 95       |
| 72) Phenanthrene              | 17.116 | 178  | 1378554  | 30.546 | ng/ul | 100      |
| 74) Anthracene                | 17.216 | 178  | 1360515  | 29.571 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.028 | 216  | 367455   | 26.390 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.575 | 250  | 368889   | 26.662 | ng/uL | 99       |
| 77) Carbazole                 | 17.516 | 167  | 1340605  | 35.645 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.075 | 149  | 1522191  | 29.335 | ng/ul | 99       |
| 80) Fluoranthene              | 19.216 | 202  | 1817524  | 24.931 | ng/ul | 98       |
| 82) Pyrene                    | 19.598 | 202  | 1912286  | 25.777 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.527 | 149  | 763105   | 24.689 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.422 | 252  | 681917   | 30.563 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.486 | 228  | 2056624  | 30.068 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149  | 1044041  | 23.472 | ng/ul | 100      |
| 87) Chrysene                  | 21.557 | 228  | 1968527  | 30.972 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.621 | 149  | 1871594  | 24.557 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.751 | 252  | 2114744  | 30.205 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.821 | 252  | 2161598  | 30.937 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.627 | 252  | 1901751  | 28.744 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.545 | 276  | 2564050  | 30.075 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 28.568 | 278  | 2118128  | 30.002 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 29.698 | 276  | 1997849m | 28.774 | ng/ul |          |

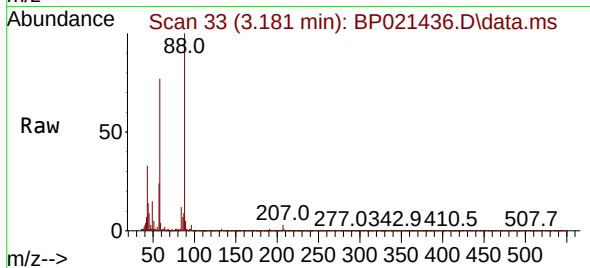
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 9.766 ng/uL  
RT: 3.181 min Scan# 31  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

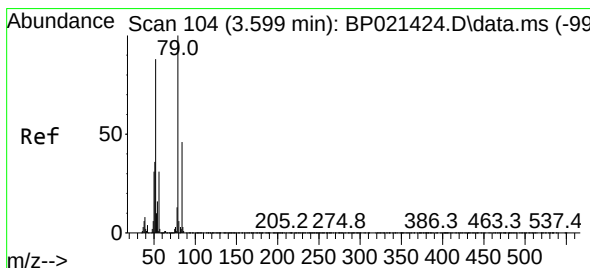
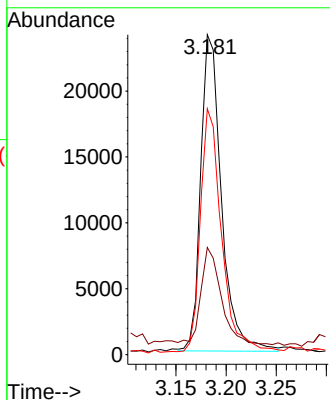
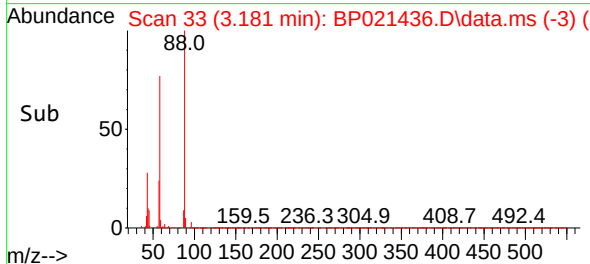
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



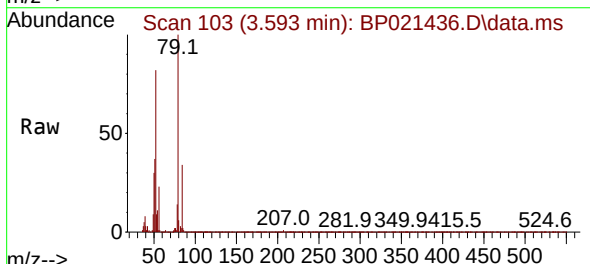
Tgt Ion: 88 Resp: 34704  
Ion Ratio Lower Upper  
88 100  
43 33.5 25.4 38.0  
58 76.9 59.2 88.8

Manual Integrations  
APPROVED

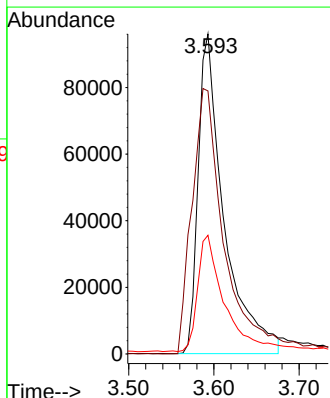
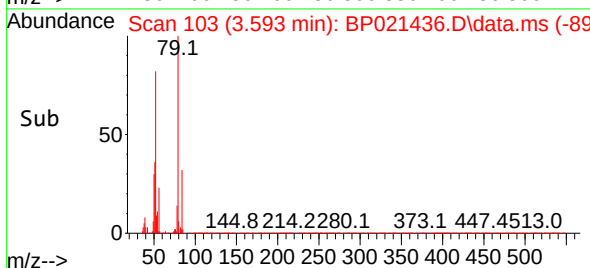
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

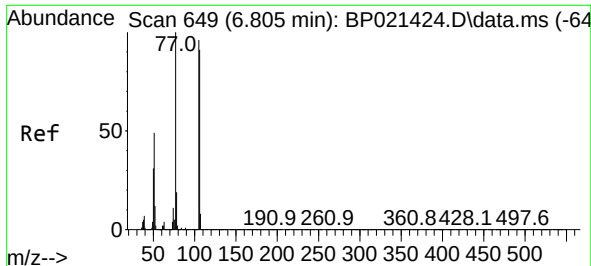


#5  
Pyridine  
Concen: 20.959 ng/uL  
RT: 3.593 min Scan# 103  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19



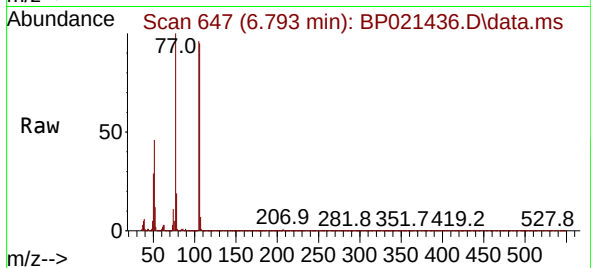
Tgt Ion: 79 Resp: 202215  
Ion Ratio Lower Upper  
79 100  
52 82.2 64.9 97.3  
51 37.1 30.5 45.7





#6  
Benzaldehyde  
Concen: 24.597 ng/ul m  
RT: 6.793 min Scan# 64  
Delta R.T. -0.011 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

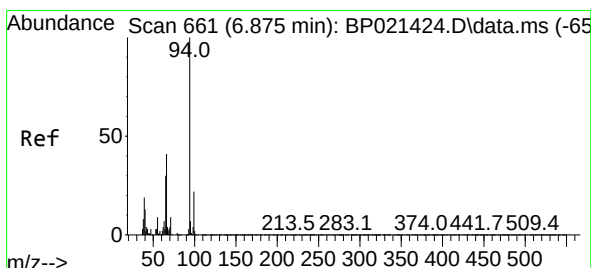
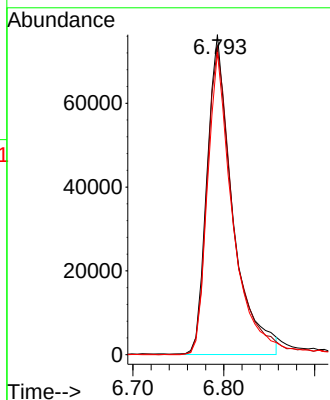
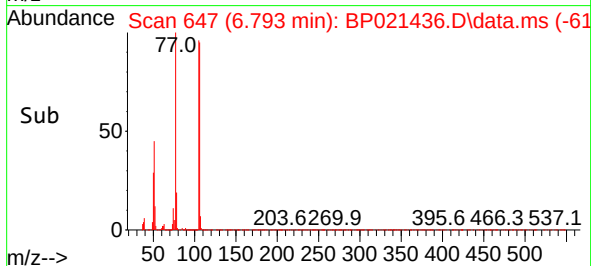
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



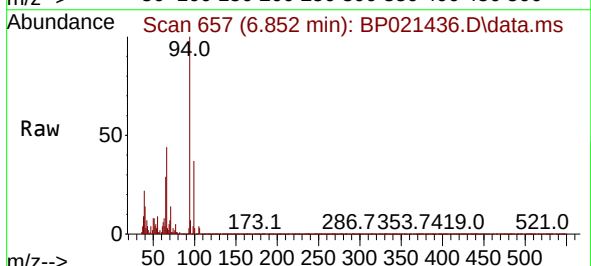
Tgt Ion: 77 Resp: 148649  
Ion Ratio Lower Upper  
77 100  
105 95.8 79.3 118.9  
106 94.6 74.6 112.0

Manual Integrations  
APPROVED

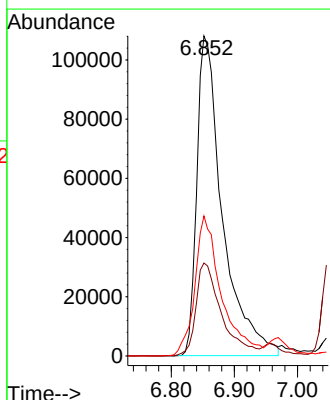
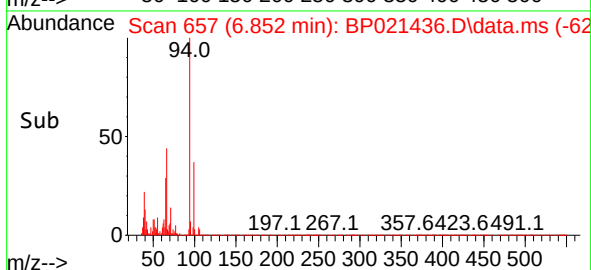
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

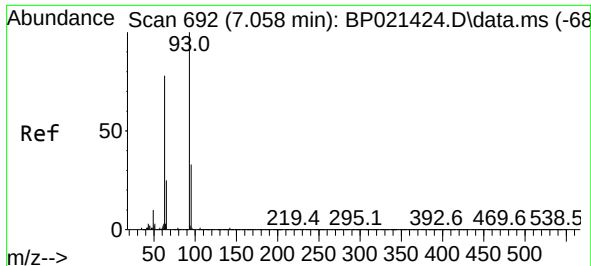


#8  
Phenol  
Concen: 25.103 ng/ul  
RT: 6.852 min Scan# 657  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19



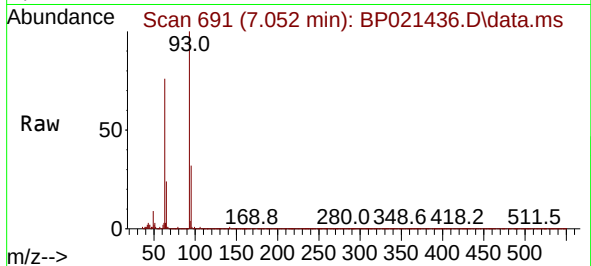
Tgt Ion: 94 Resp: 304492  
Ion Ratio Lower Upper  
94 100  
65 29.1 23.4 35.0  
66 43.7 33.9 50.9





#10  
Bis(2-Chloroethyl)ether  
Concen: 23.311 ng/ul  
RT: 7.052 min Scan# 692  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

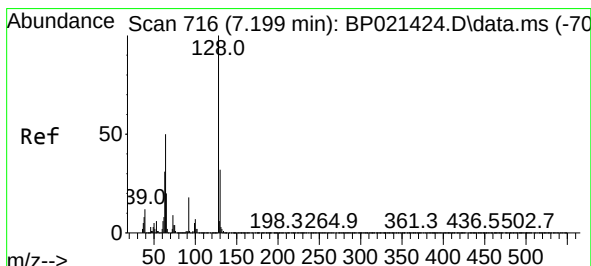
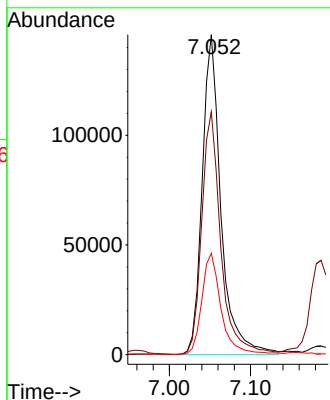
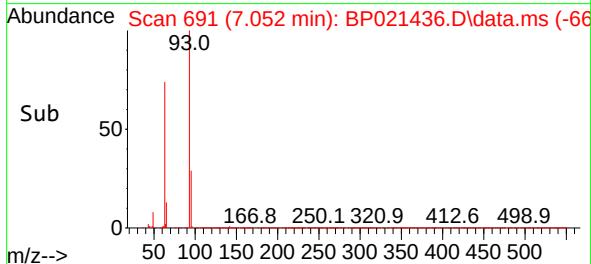
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion: 93 Resp: 233590  
Ion Ratio Lower Upper  
93 100  
63 75.9 61.5 92.3  
95 31.7 25.1 37.7

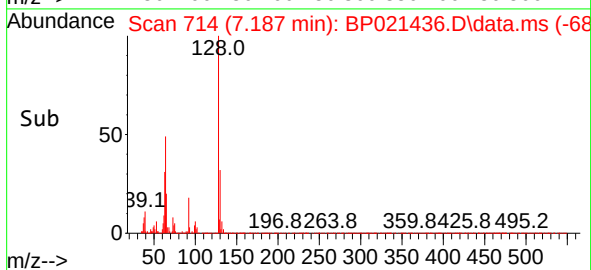
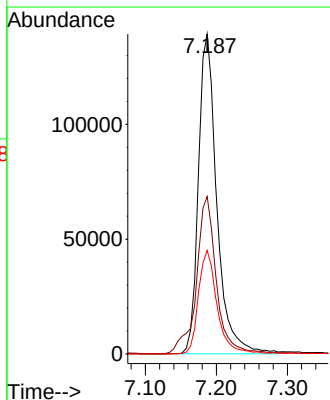
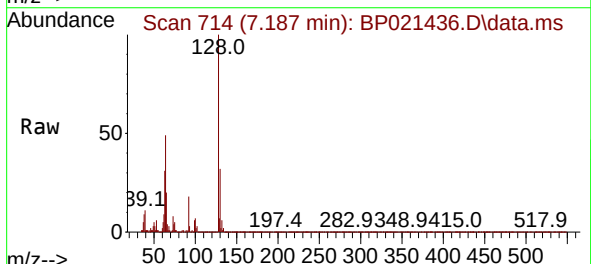
Manual Integrations  
APPROVED

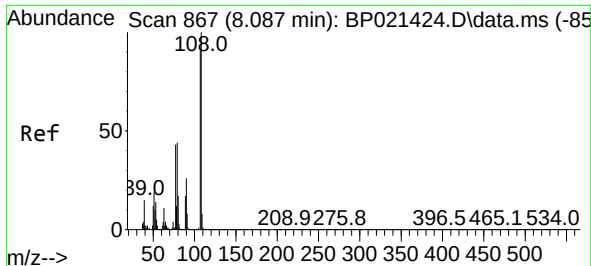
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#12  
2-Chlorophenol  
Concen: 25.437 ng/ul  
RT: 7.187 min Scan# 714  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:128 Resp: 251798  
Ion Ratio Lower Upper  
128 100  
64 49.2 37.9 56.9  
130 32.3 25.6 38.4





#13

2-Methylphenol

Concen: 28.470 ng/ul

RT: 8.075 min Scan# 80

Delta R.T. -0.023 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:108 Resp: 267075

Ion Ratio Lower Upper

108 100

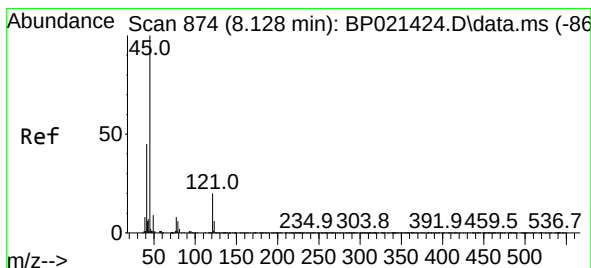
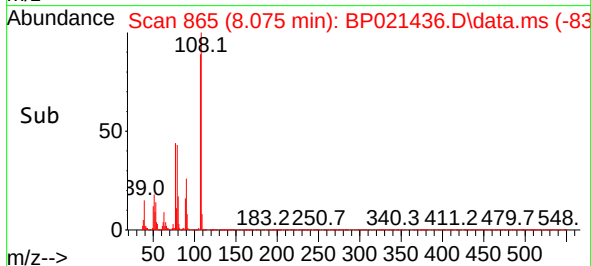
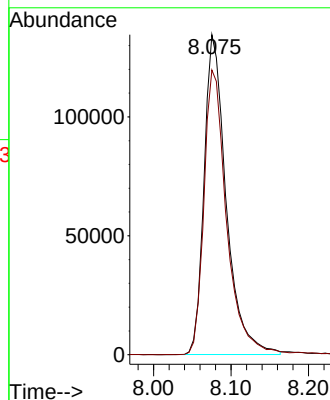
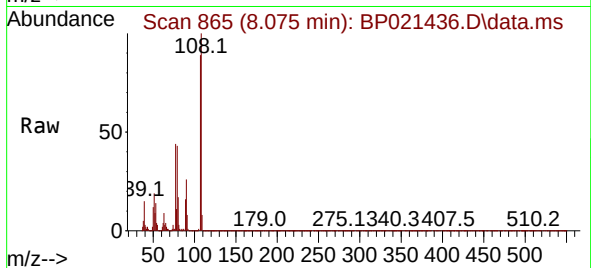
107 89.0 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.447 ng/ul m

RT: 8.116 min Scan# 872

Delta R.T. -0.041 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

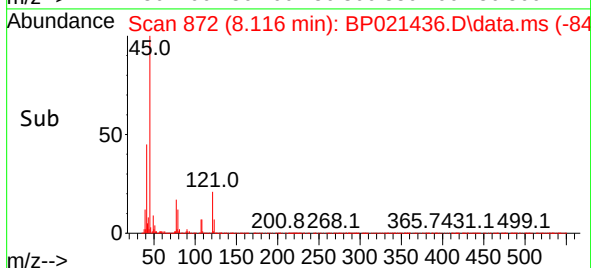
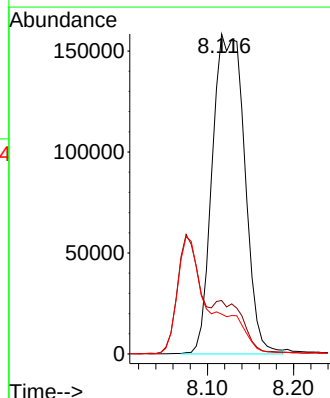
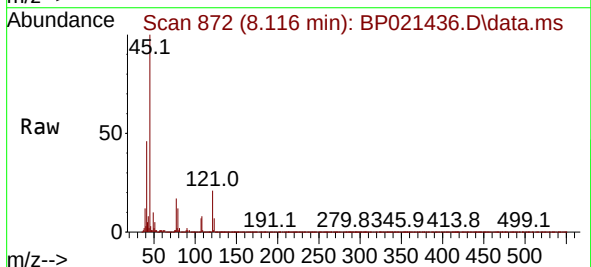
Tgt Ion: 45 Resp: 411824

Ion Ratio Lower Upper

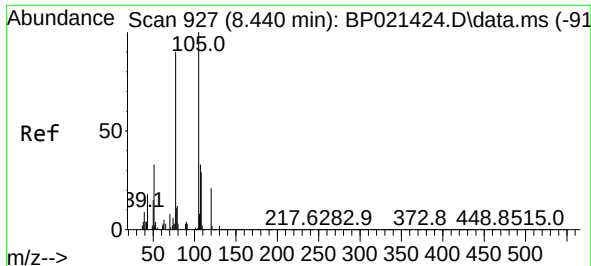
45 100

77 16.7 10.9 16.3#

79 12.4 8.1 12.1#

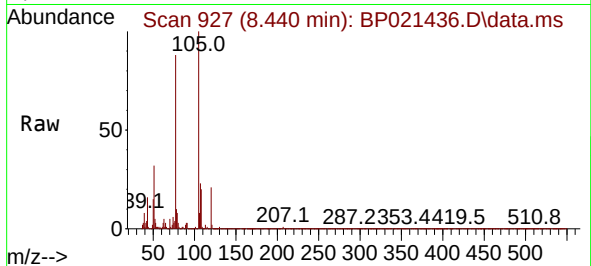






#16  
Acetophenone  
Concen: 28.581 ng/ul  
RT: 8.440 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

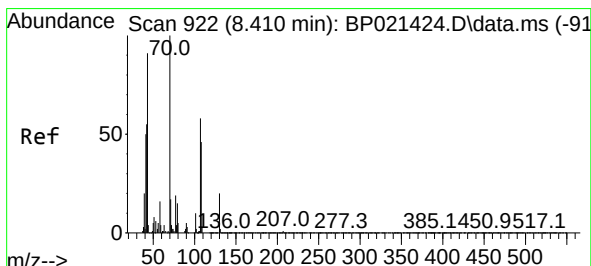
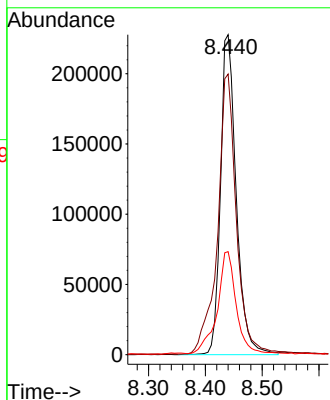
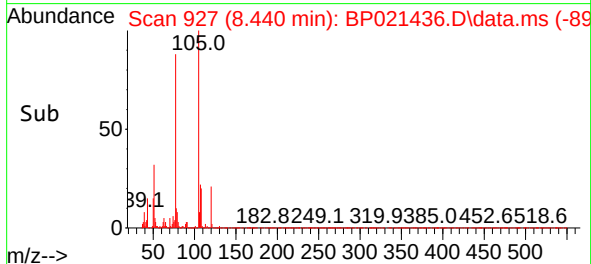
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:105 Resp: 439180  
Ion Ratio Lower Upper  
105 100  
77 87.7 61.8 92.8  
51 32.2 21.5 32.3

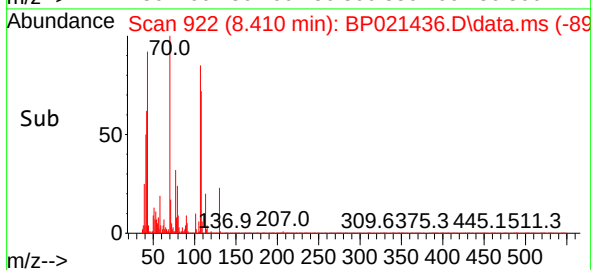
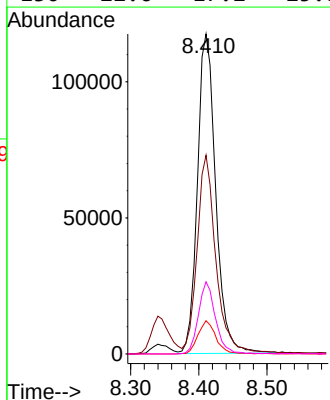
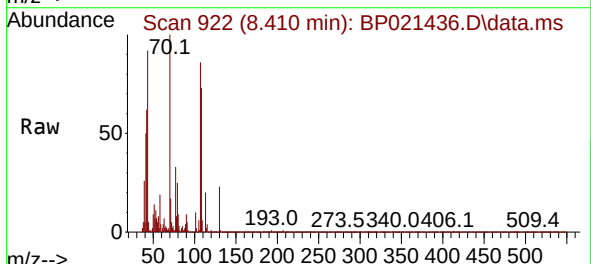
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

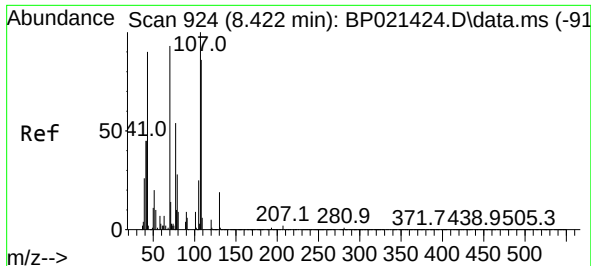


#17  
N-Nitroso-di-n-propylamine  
Concen: 27.195 ng/ul  
RT: 8.410 min Scan# 922  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion: 70 Resp: 218957  
Ion Ratio Lower Upper  
70 100  
42 62.1 46.6 69.8  
101 10.4 7.4 11.0  
130 22.6 17.2 25.8

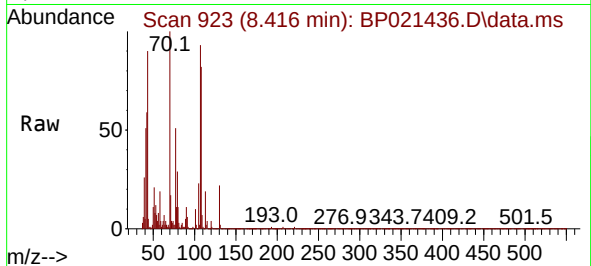






#18  
4-Methylphenol  
Concen: 28.855 ng/ul  
RT: 8.416 min Scan# 911  
Delta R.T. -0.011 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

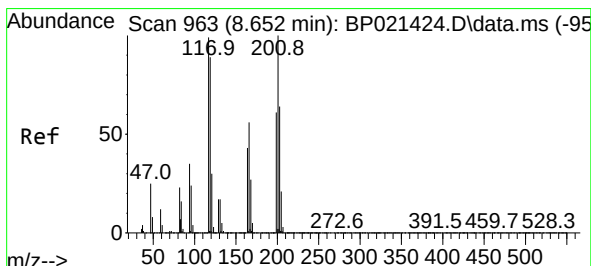
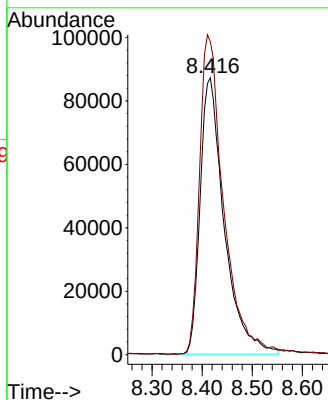
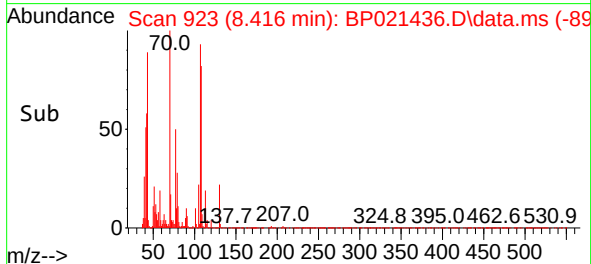
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:108 Resp: 28999  
Ion Ratio Lower Upper  
108 100  
107 113.0 87.8 131.8

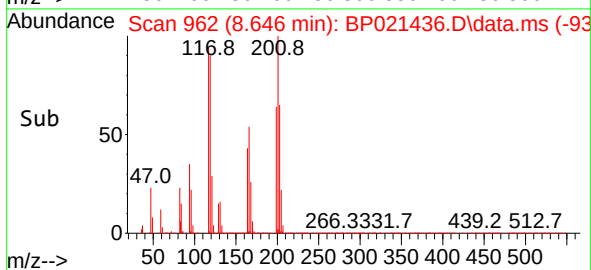
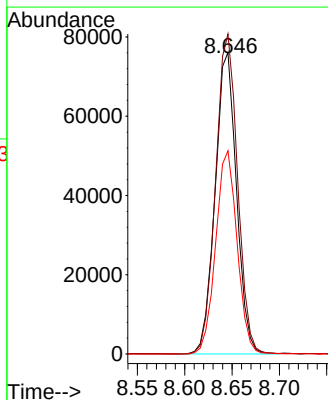
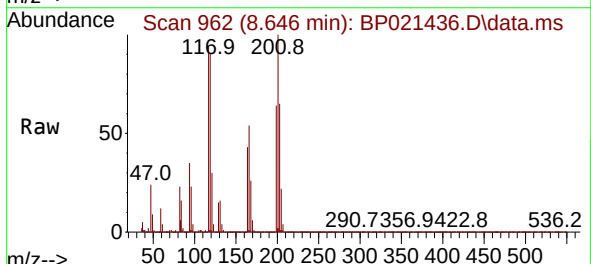
Manual Integrations  
APPROVED

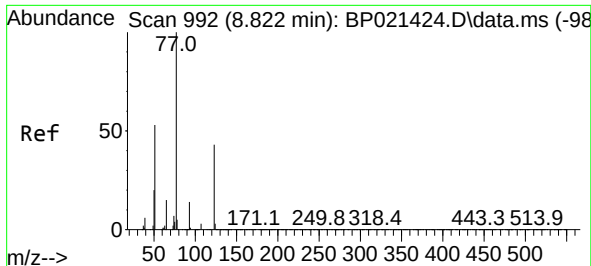
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#19  
Hexachloroethane  
Concen: 26.932 ng/ul  
RT: 8.646 min Scan# 962  
Delta R.T. -0.029 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

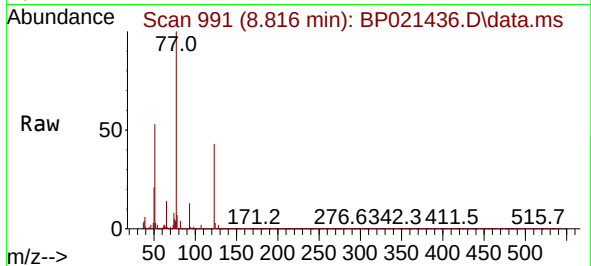
Tgt Ion:117 Resp: 119800  
Ion Ratio Lower Upper  
117 100  
201 106.1 88.2 132.2  
199 67.4 55.8 83.6





#22  
Nitrobenzene  
Concen: 30.069 ng/ul  
RT: 8.816 min Scan# 991  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

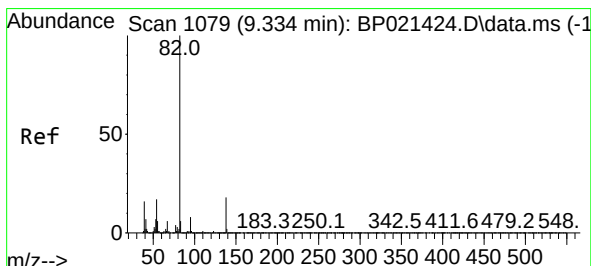
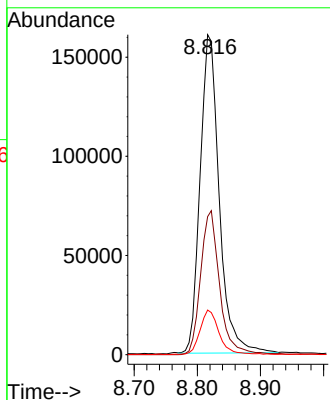
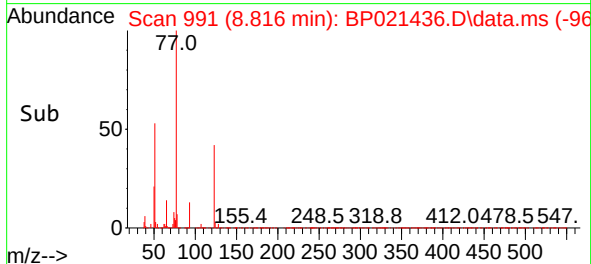
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



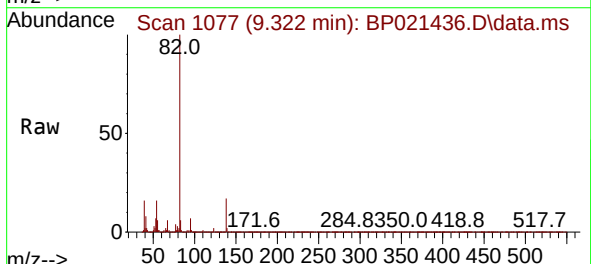
Tgt Ion: 77 Resp: 33745  
Ion Ratio Lower Upper  
77 100  
123 43.2 36.7 55.1  
65 13.9 11.1 16.7

Manual Integrations  
APPROVED

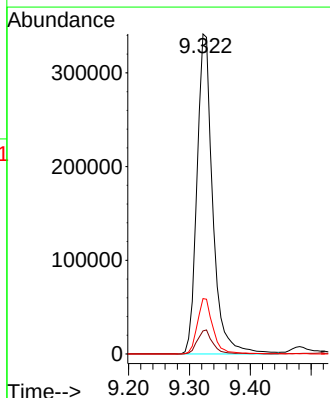
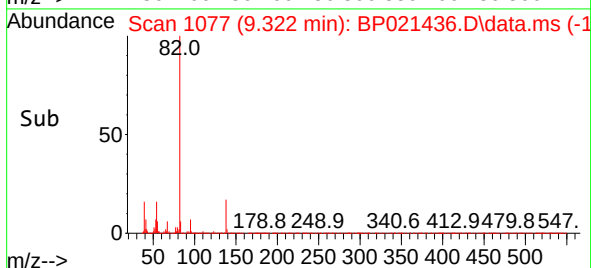
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

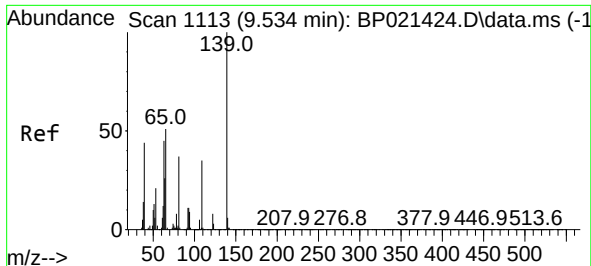


#23  
Isophorone  
Concen: 27.473 ng/ul  
RT: 9.322 min Scan# 1077  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19



Tgt Ion: 82 Resp: 612951  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.1 9.1  
138 17.3 14.4 21.6





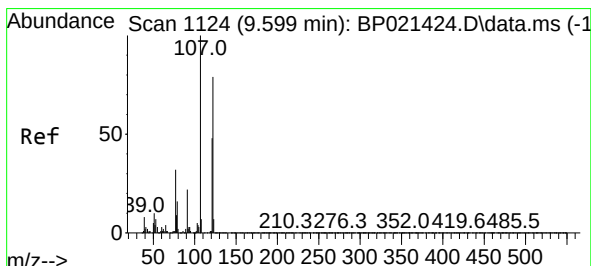
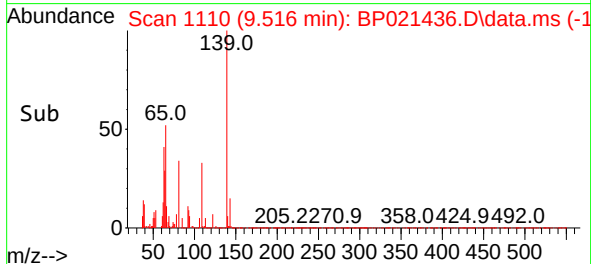
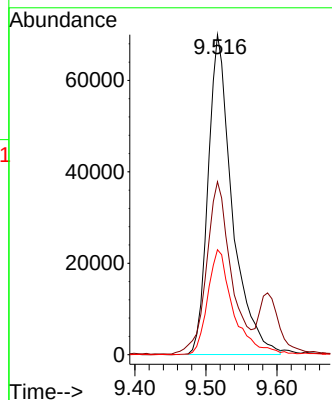
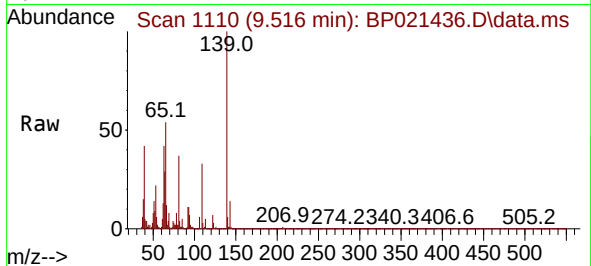
#25  
2-Nitrophenol  
Concen: 29.518 ng/ul  
RT: 9.516 min Scan# 1110  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412

Tgt Ion:139 Resp: 16507  
Ion Ratio Lower Upper  
139 100  
65 54.1 42.9 64.3  
109 32.8 26.2 39.4

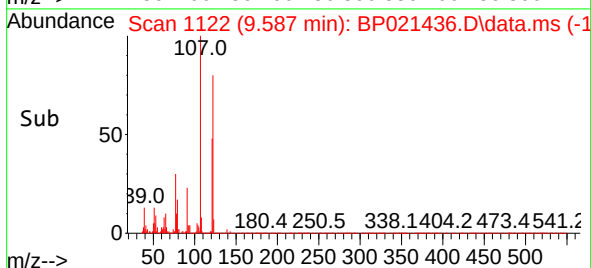
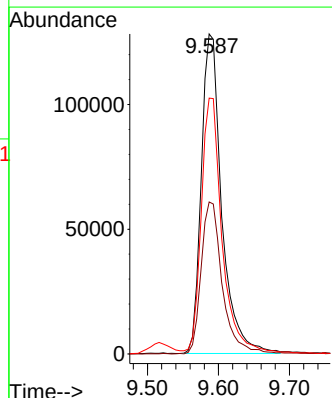
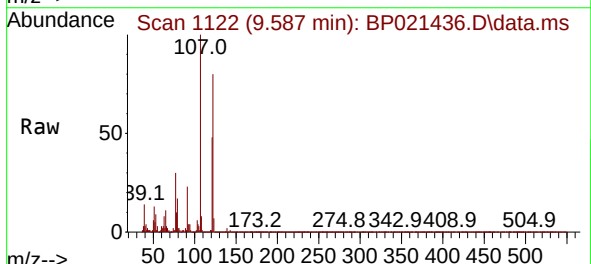
Manual Integrations  
APPROVED

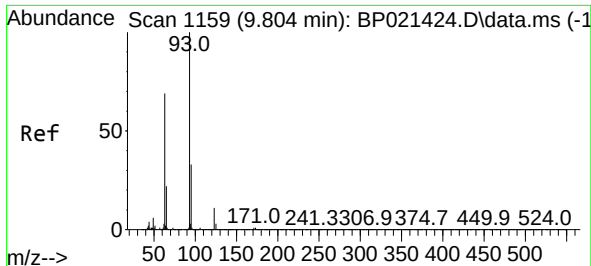
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#26  
2,4-Dimethylphenol  
Concen: 23.279 ng/ul  
RT: 9.587 min Scan# 1122  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:107 Resp: 256713  
Ion Ratio Lower Upper  
107 100  
121 47.5 39.6 59.4  
122 79.9 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 27.437 ng/ul

RT: 9.793 min Scan# 1159

Delta R.T. -0.029 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion: 93 Resp: 37209

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

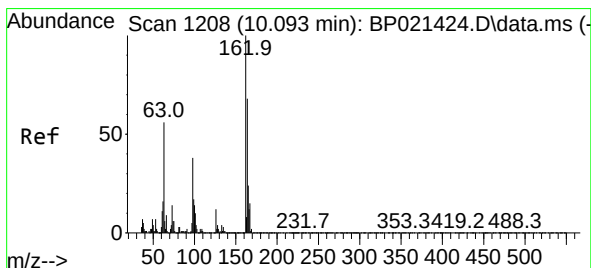
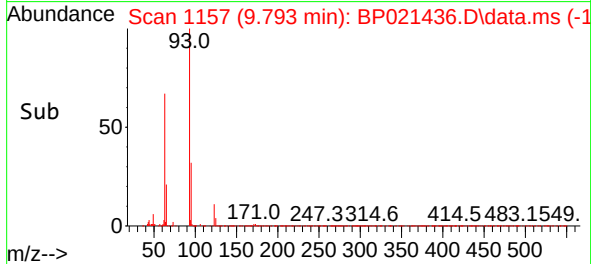
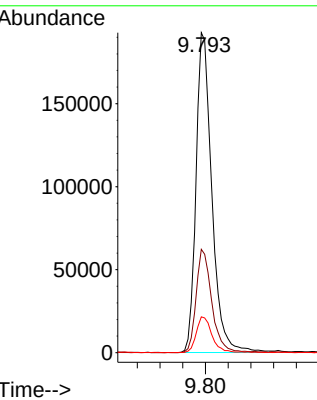
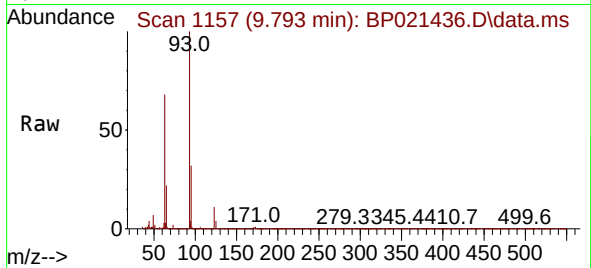
123 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#29

2,4-Dichlorophenol

Concen: 29.003 ng/ul

RT: 10.063 min Scan# 1203

Delta R.T. -0.017 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

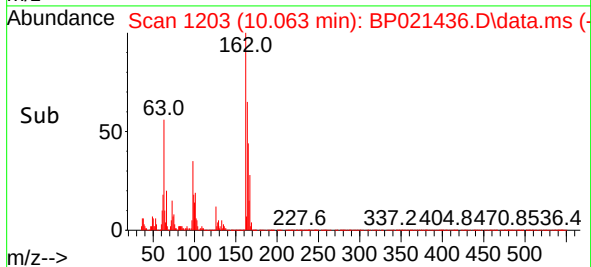
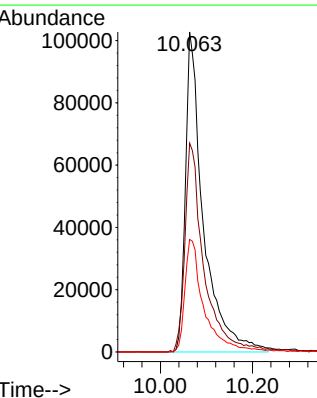
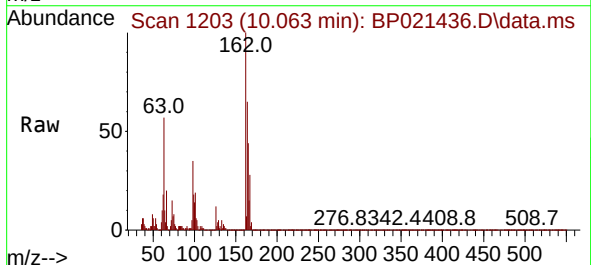
Tgt Ion:162 Resp: 277141

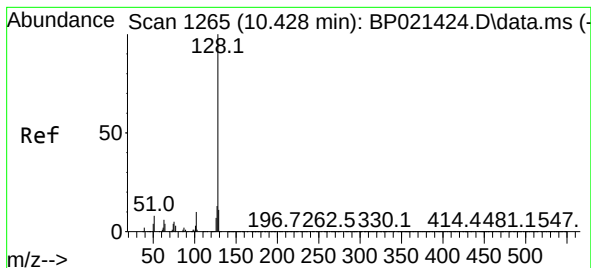
Ion Ratio Lower Upper

162 100

164 65.3 53.3 79.9

98 35.2 28.7 43.1





#30

Naphthalene

Concen: 29.105 ng/ul

RT: 10.416 min Scan# 1263

Delta R.T. -0.023 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:128 Resp: 923434

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

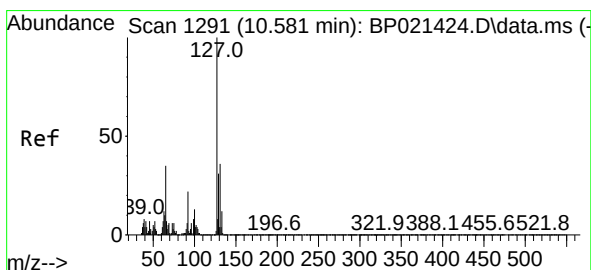
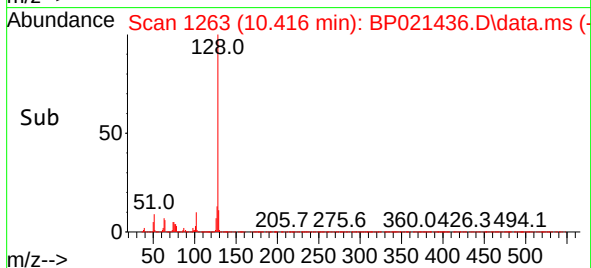
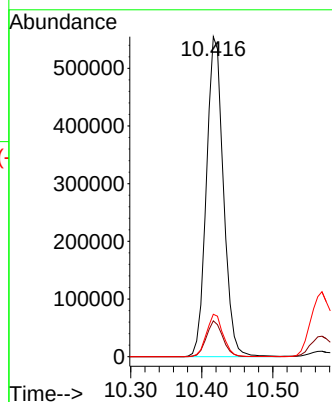
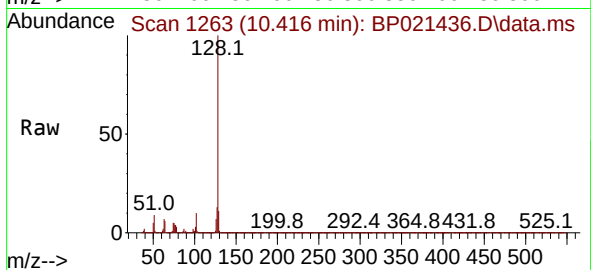
127 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#32

4-Chloroaniline

Concen: 26.544 ng/ul

RT: 10.569 min Scan# 1289

Delta R.T. -0.017 min

Lab File: BP021436.D

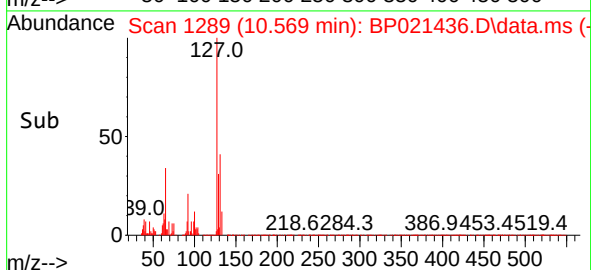
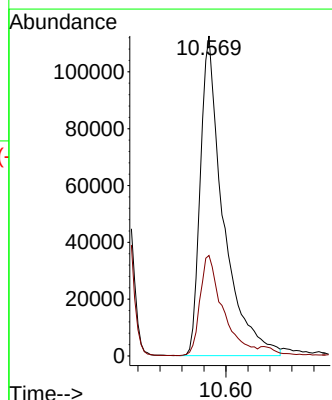
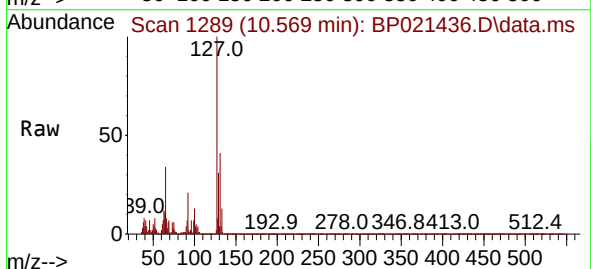
Acq: 08 Aug 2024 03:19

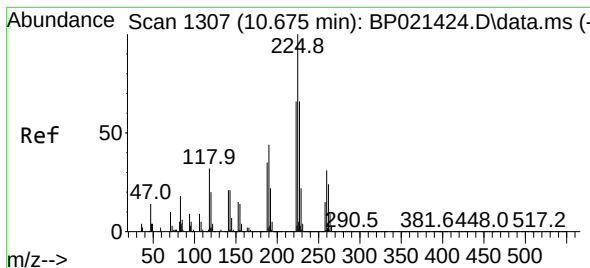
Tgt Ion:127 Resp: 325583

Ion Ratio Lower Upper

127 100

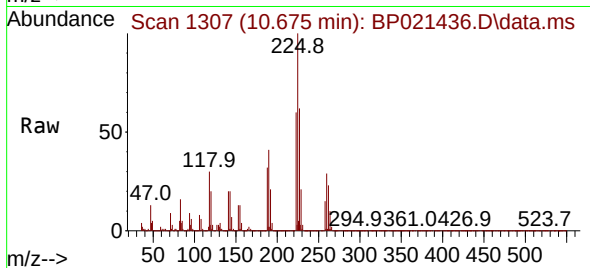
129 31.4 26.1 39.1





#33  
Hexachlorobutadiene  
Concen: 27.030 ng/ul  
RT: 10.675 min Scan# 1307  
Delta R.T. -0.035 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

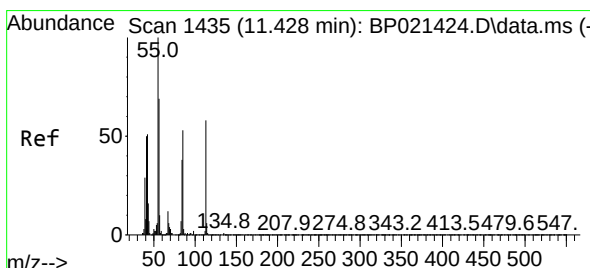
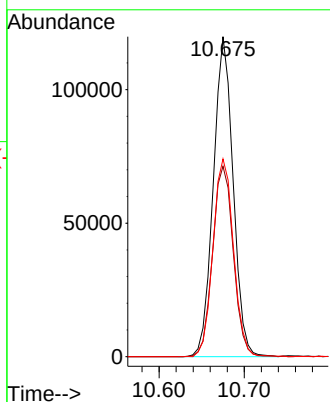
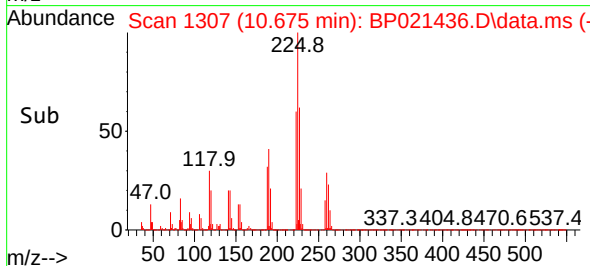
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



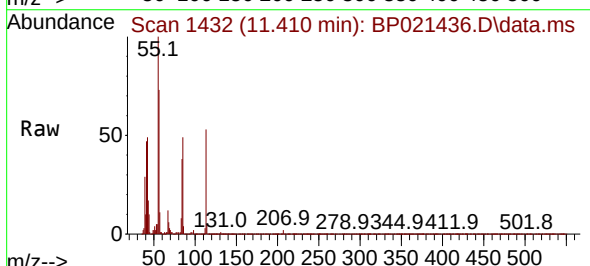
Tgt Ion:225 Resp: 19367  
Ion Ratio Lower Upper  
225 100  
223 59.5 50.2 75.2  
227 61.8 50.6 75.8

Manual Integrations  
APPROVED

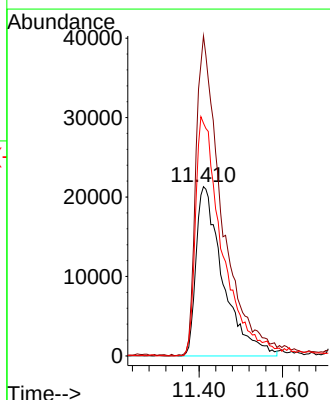
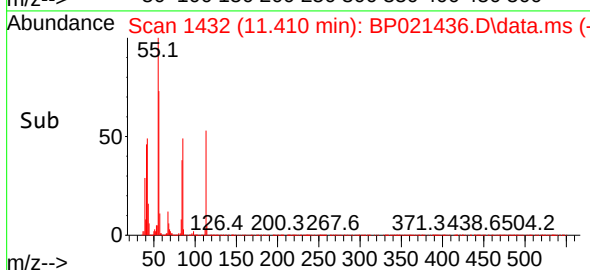
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

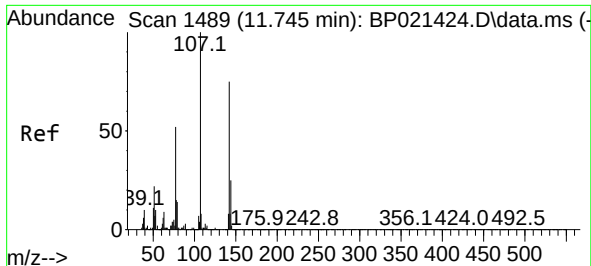


#34  
Caprolactam  
Concen: 32.474 ng/ul m  
RT: 11.410 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19



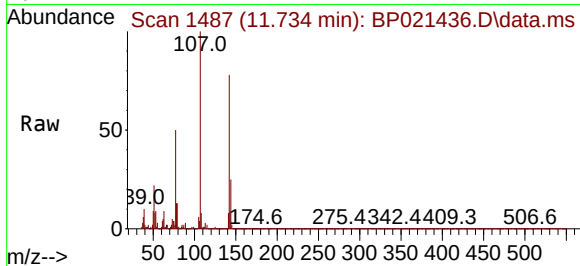
Tgt Ion:113 Resp: 95592  
Ion Ratio Lower Upper  
113 100  
55 189.0 140.2 210.4  
56 137.5 105.5 158.3





#35  
4-Chloro-3-methylphenol  
Concen: 31.155 ng/ul  
RT: 11.734 min Scan# 1487  
Delta R.T. -0.005 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

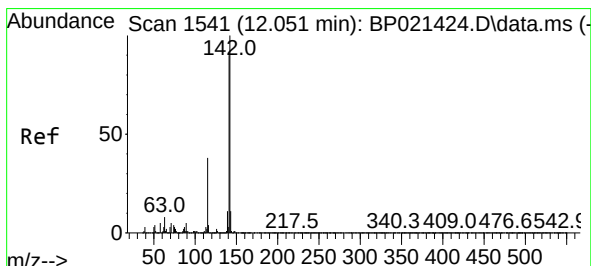
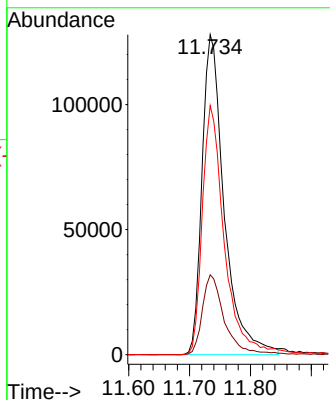
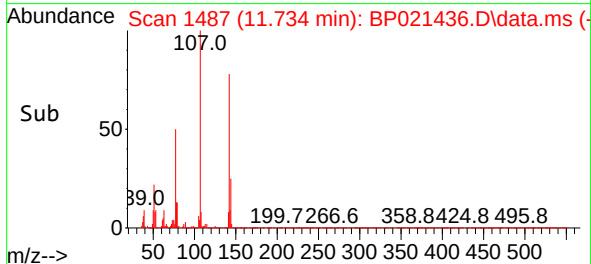
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



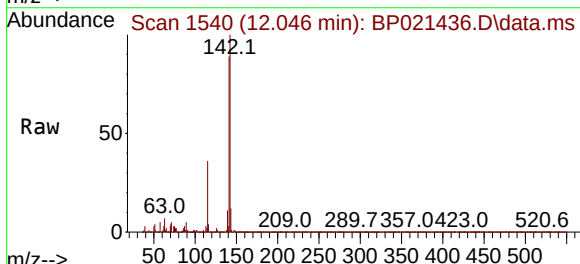
Tgt Ion:107 Resp: 323604  
Ion Ratio Lower Upper  
107 100  
144 25.0 19.3 28.9  
142 77.8 60.7 91.1

Manual Integrations  
APPROVED

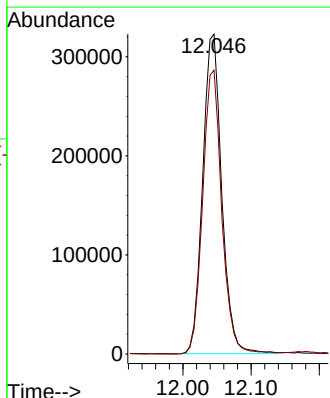
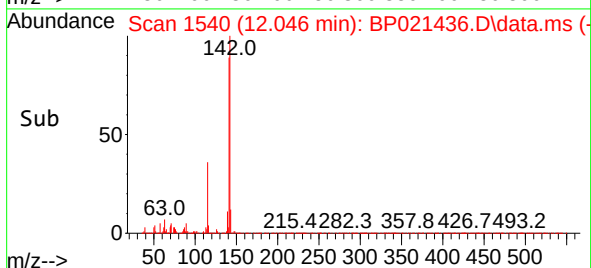
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



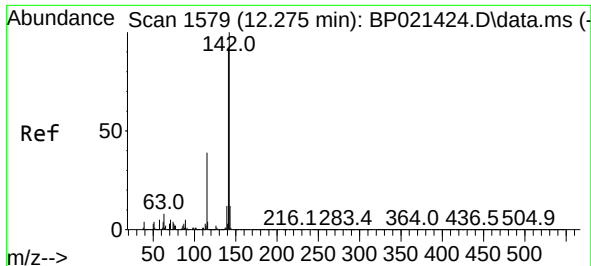
#36  
2-Methylnaphthalene  
Concen: 28.837 ng/ul  
RT: 12.046 min Scan# 1540  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19



Tgt Ion:142 Resp: 628036  
Ion Ratio Lower Upper  
142 100  
141 88.7 72.6 108.8

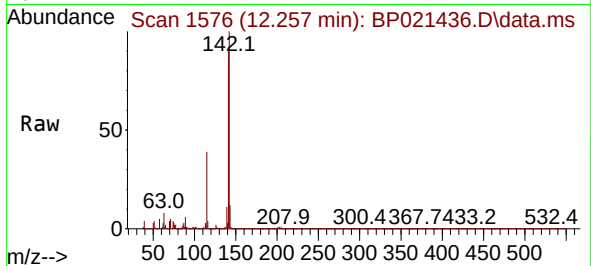






#37  
1-Methylnaphthalene  
Concen: 28.335 ng/ul  
RT: 12.257 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

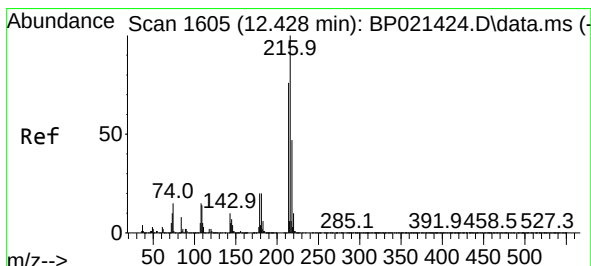
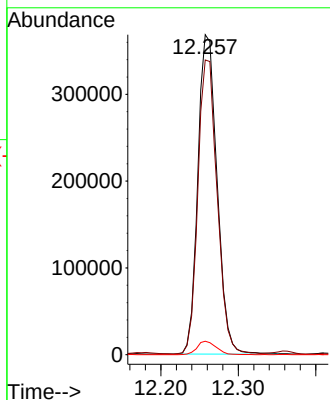
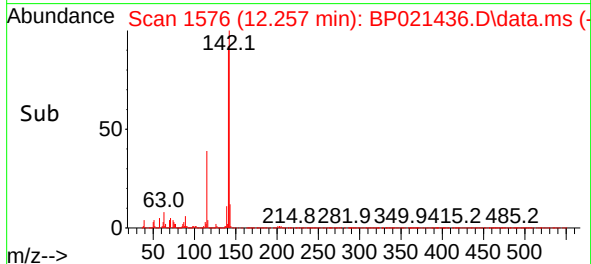
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



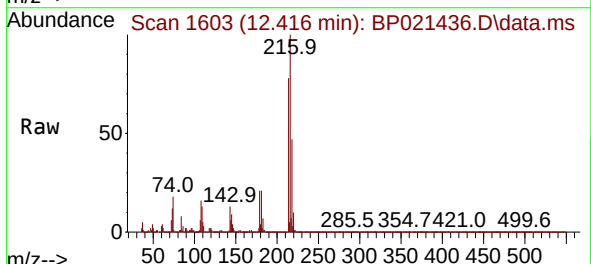
Tgt Ion:142 Resp: 63468  
Ion Ratio Lower Upper  
142 100  
141 92.1 75.0 112.6  
116 4.2 3.2 4.8

Manual Integrations  
APPROVED

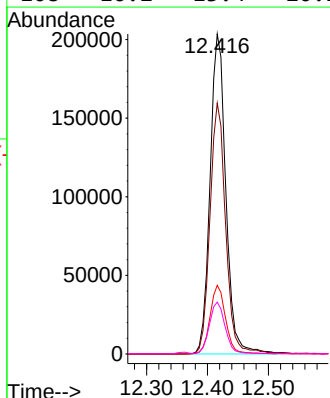
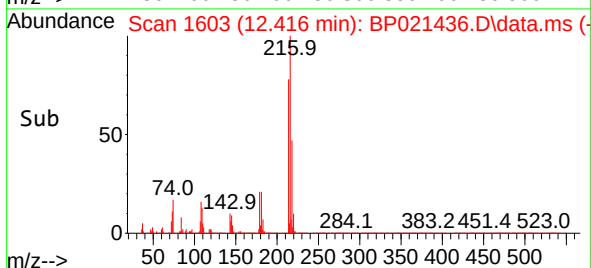
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

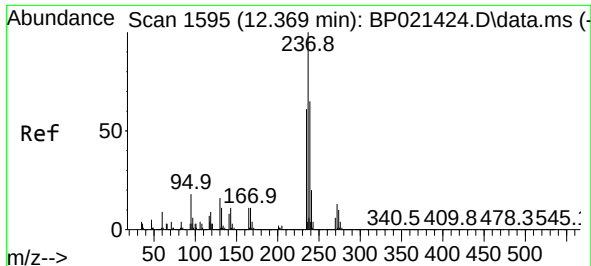


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 28.361 ng/ul  
RT: 12.416 min Scan# 1603  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19



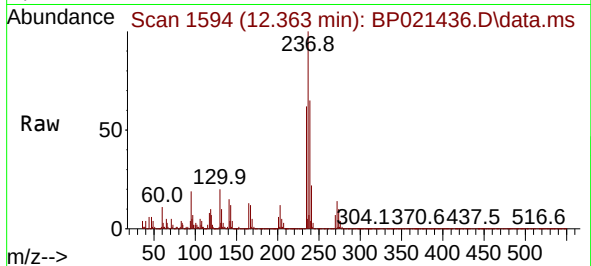
Tgt Ion:216 Resp: 366813  
Ion Ratio Lower Upper  
216 100  
214 78.4 64.2 96.4  
179 21.5 16.6 24.8  
108 16.2 13.4 20.2





#40  
Hexachlorocyclopentadiene  
Concen: 6.184 ng/ul  
RT: 12.363 min Scan# 1594  
Delta R.T. -0.035 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

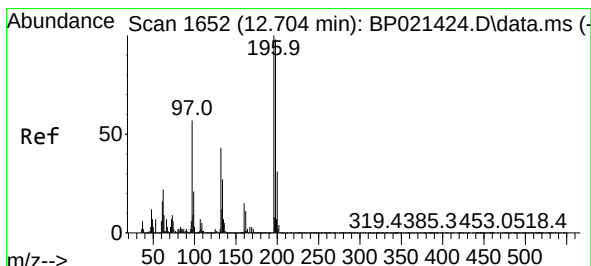
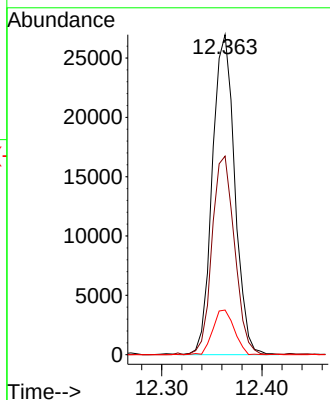
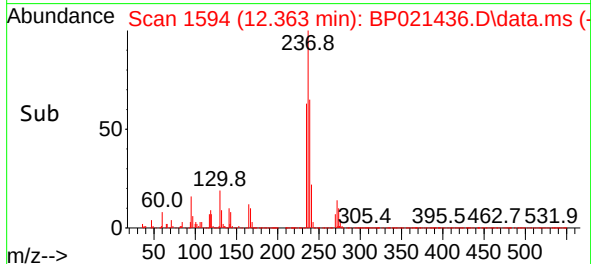
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:237 Resp: 4184  
Ion Ratio Lower Upper  
237 100  
235 62.0 49.7 74.5  
272 13.9 10.2 15.2

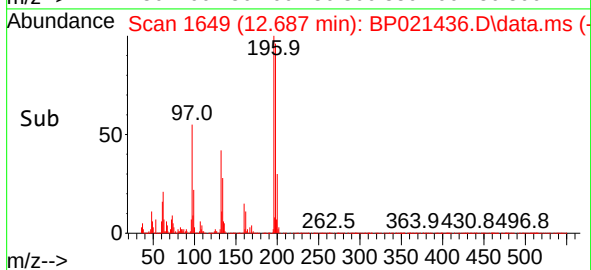
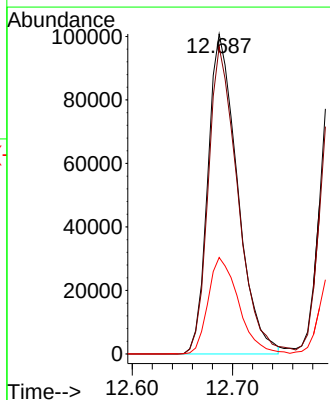
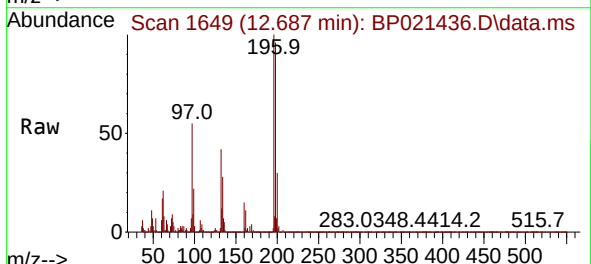
Manual Integrations  
APPROVED

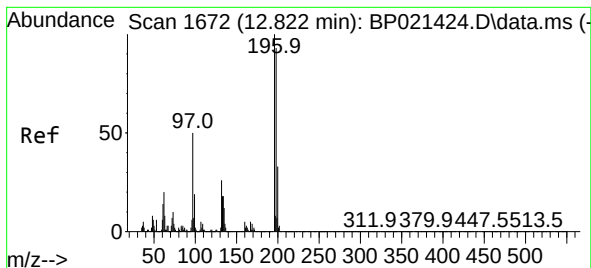
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#41  
2,4,6-Trichlorophenol  
Concen: 25.221 ng/ul  
RT: 12.687 min Scan# 1649  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

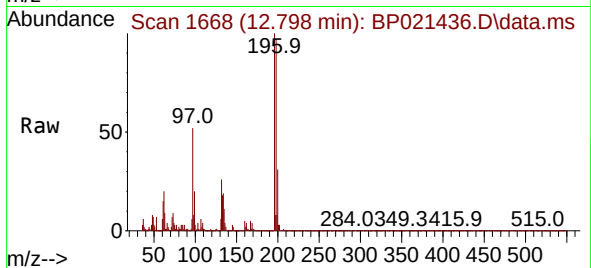
Tgt Ion:196 Resp: 206116  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.6 115.0  
200 30.2 26.0 39.0





#42  
2,4,5-Trichlorophenol  
Concen: 27.048 ng/ul  
RT: 12.798 min Scan# 1668  
Delta R.T. -0.011 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

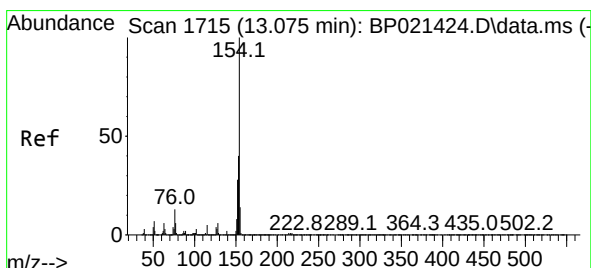
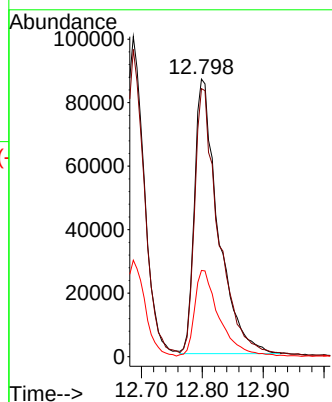
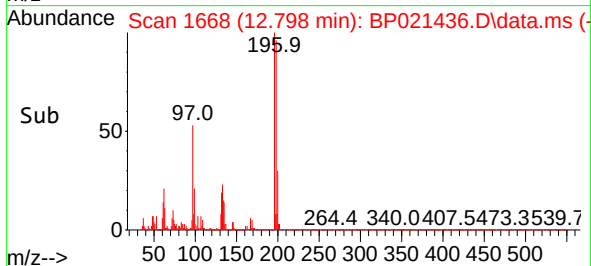
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:196 Resp: 233870  
Ion Ratio Lower Upper  
196 100  
198 96.5 77.1 115.7  
200 31.1 25.3 37.9

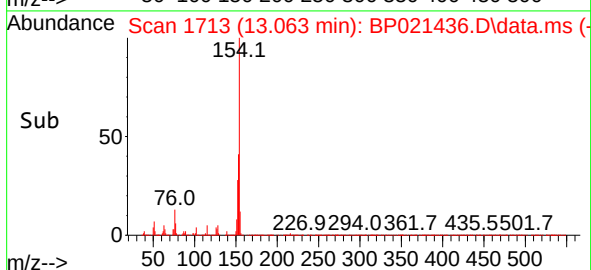
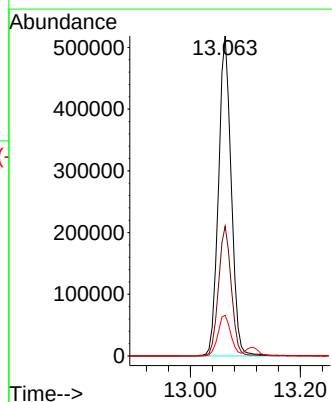
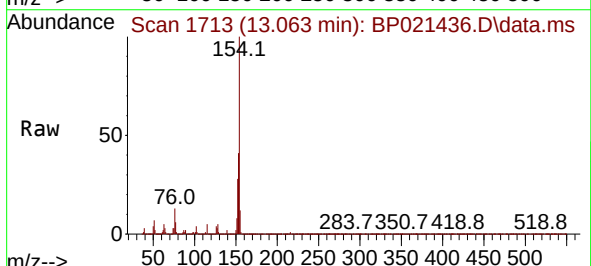
Manual Integrations  
APPROVED

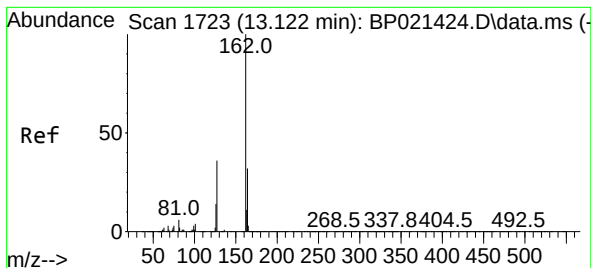
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#43  
1,1'-Biphenyl  
Concen: 28.684 ng/ul  
RT: 13.063 min Scan# 1713  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:154 Resp: 834842  
Ion Ratio Lower Upper  
154 100  
153 40.6 32.7 49.1  
76 12.7 9.4 14.2





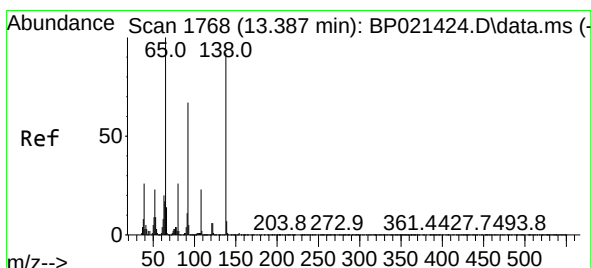
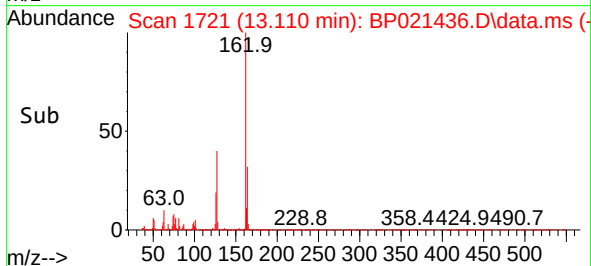
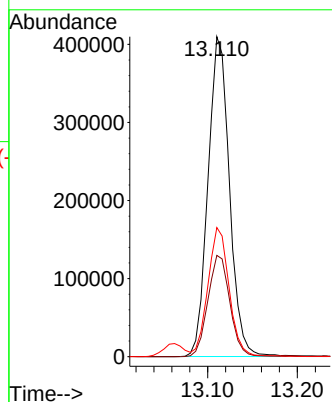
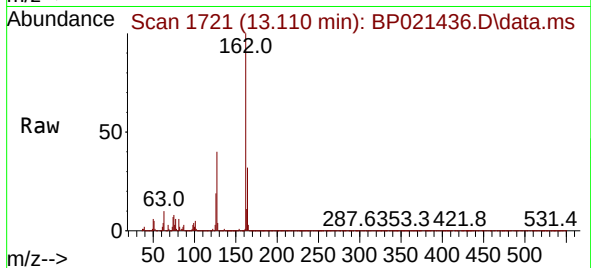
#44  
2-Chloronaphthalene  
Concen: 29.277 ng/ul  
RT: 13.110 min Scan# 1721  
Delta R.T. -0.029 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412

Tgt Ion:162 Resp: 68025  
Ion Ratio Lower Upper  
162 100  
164 31.7 26.3 39.5  
127 40.3 31.8 47.8

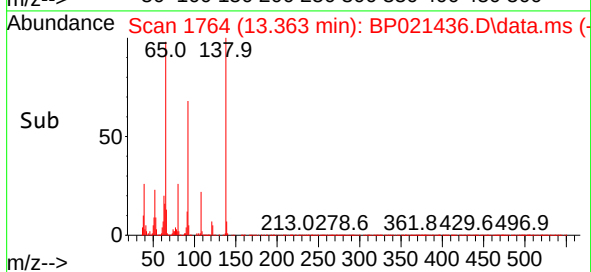
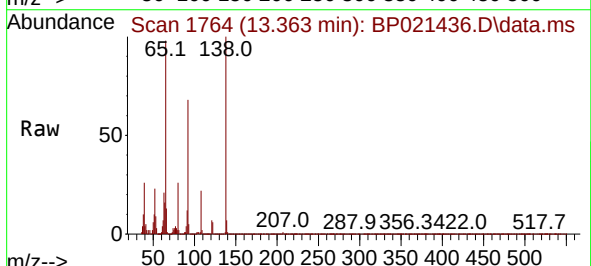
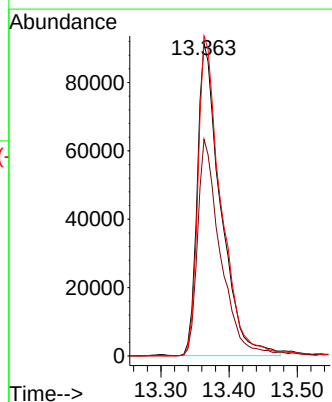
Manual Integrations  
APPROVED

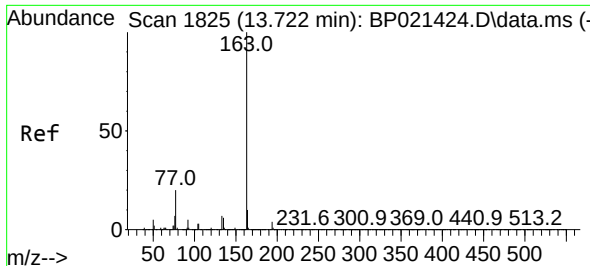
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#45  
2-Nitroaniline  
Concen: 33.698 ng/ul  
RT: 13.363 min Scan# 1764  
Delta R.T. -0.005 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion: 65 Resp: 216526  
Ion Ratio Lower Upper  
65 100  
92 69.4 56.7 85.1  
138 102.4 85.6 128.4





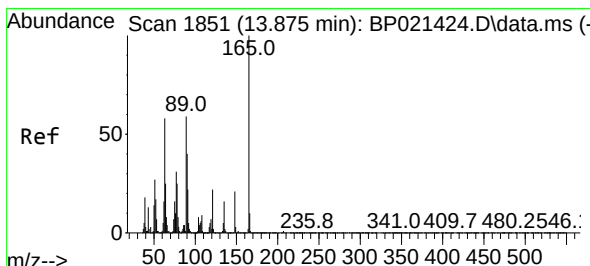
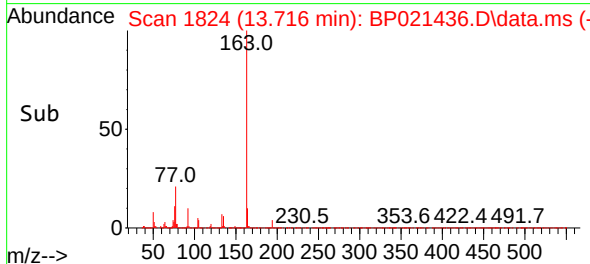
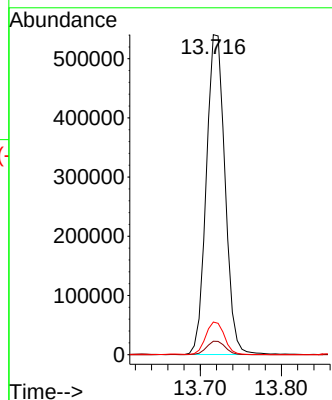
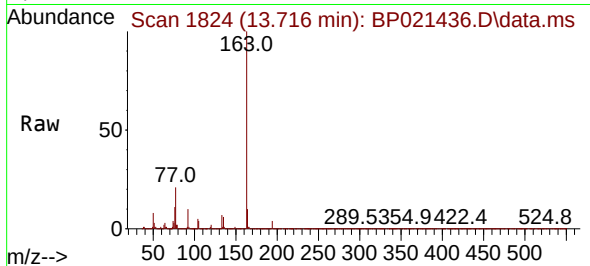
#47  
Dimethylphthalate  
Concen: 29.372 ng/ul  
RT: 13.716 min Scan# 1824  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412

Tgt Ion:163 Resp: 862815  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 10.2 8.1 12.1

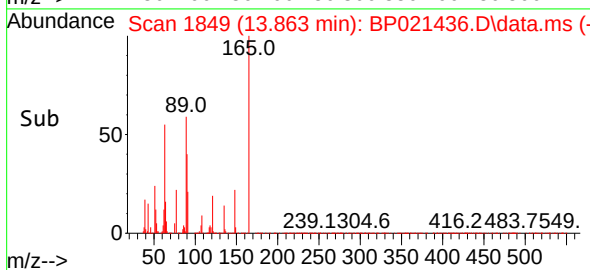
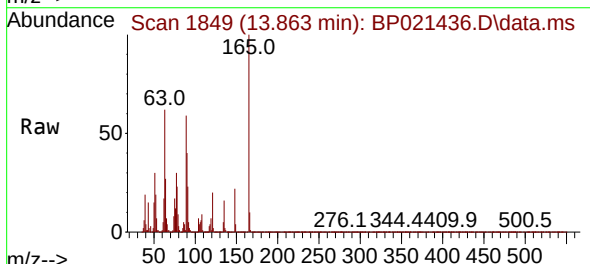
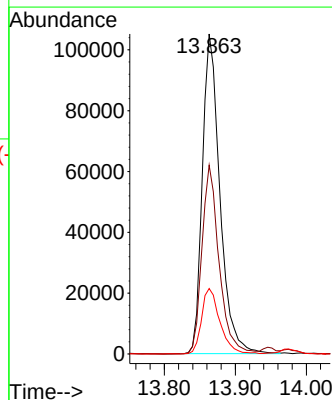
Manual Integrations  
APPROVED

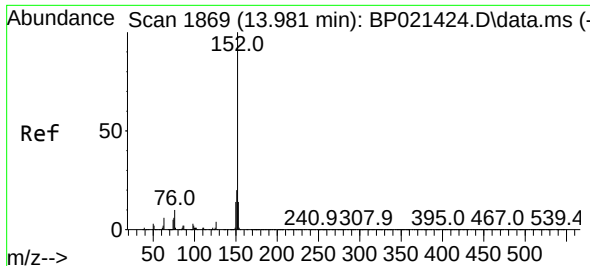
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#48  
2,6-Dinitrotoluene  
Concen: 30.834 ng/ul  
RT: 13.863 min Scan# 1849  
Delta R.T. -0.011 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

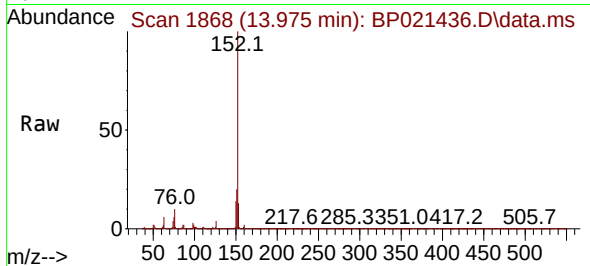
Tgt Ion:165 Resp: 181085  
Ion Ratio Lower Upper  
165 100  
89 59.0 44.7 67.1  
121 20.5 16.5 24.7





#50  
Acenaphthylene  
Concen: 29.703 ng/ul  
RT: 13.975 min Scan# 1868  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

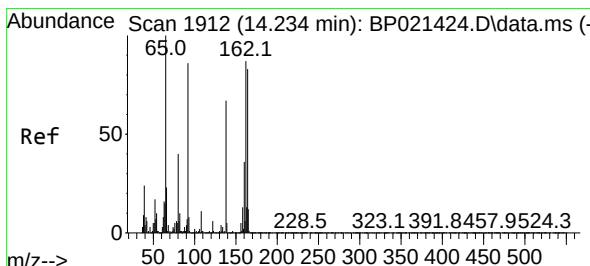
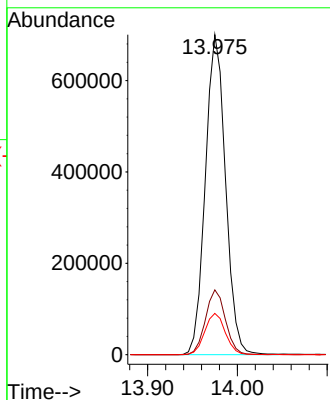
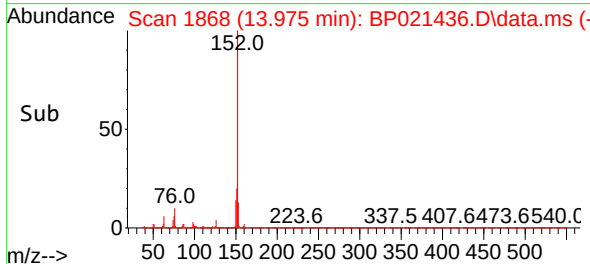
Instrument : BNA\_P  
ClientSampleId : SLCS412



Tgt Ion:152 Resp: 1093258  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.2  
153 12.9 10.3 15.5

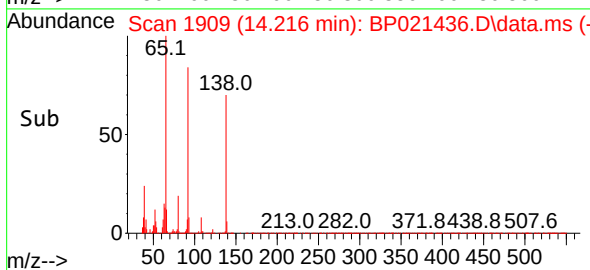
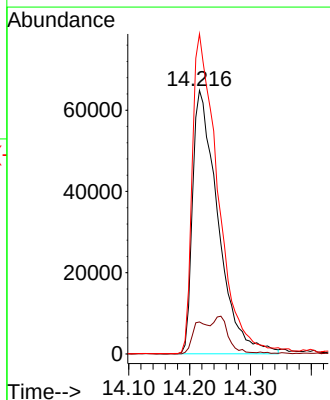
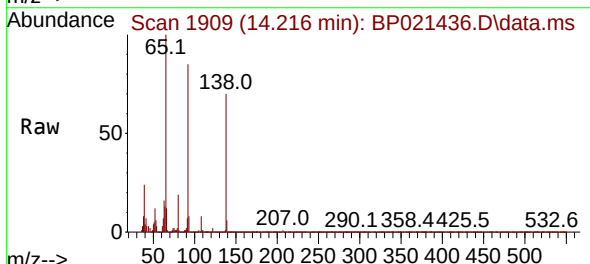
Manual Integrations  
APPROVED

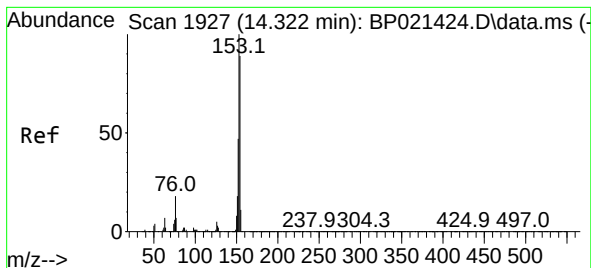
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#51  
3-Nitroaniline  
Concen: 36.759 ng/ul  
RT: 14.216 min Scan# 1909  
Delta R.T. -0.005 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:138 Resp: 187860  
Ion Ratio Lower Upper  
138 100  
108 12.2 9.8 14.8  
92 121.5 98.0 147.0





#52

Acenaphthene

Concen: 29.620 ng/ul

RT: 14.316 min Scan# 1926

Delta R.T. -0.023 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:153 Resp: 723590

Ion Ratio Lower Upper

153 100

152 47.3 37.8 56.6

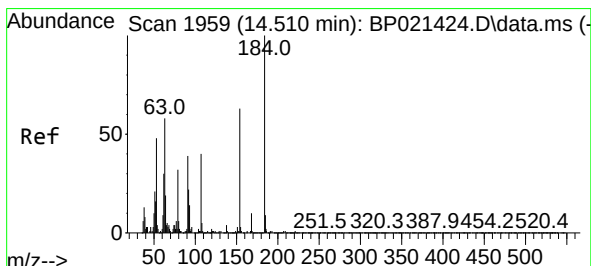
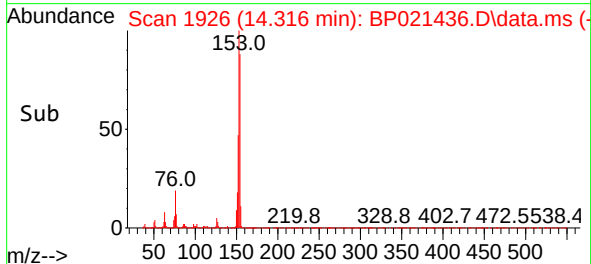
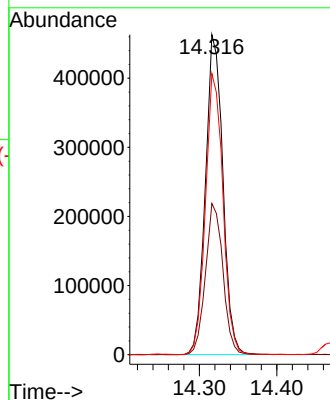
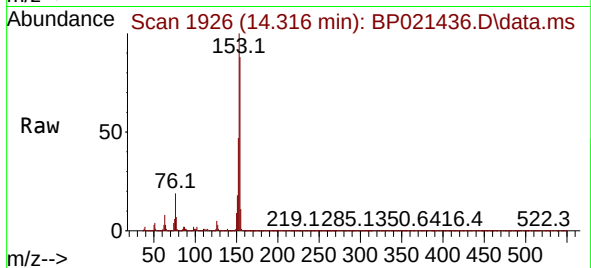
154 87.9 71.8 107.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#53

2,4-Dinitrophenol

Concen: 27.019 ng/ul

RT: 14.475 min Scan# 1953

Delta R.T. 0.012 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

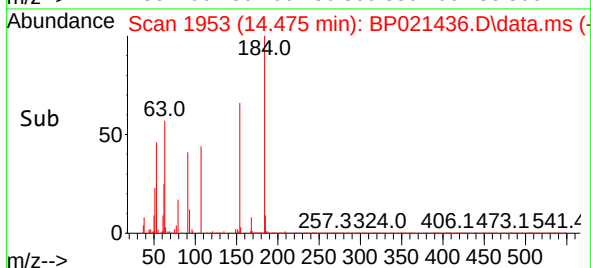
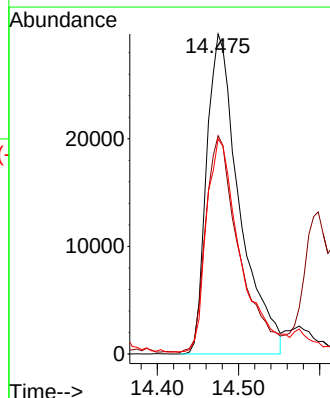
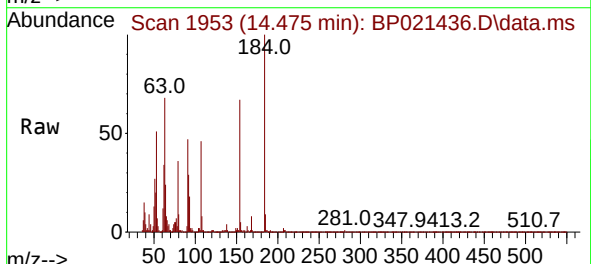
Tgt Ion:184 Resp: 83332

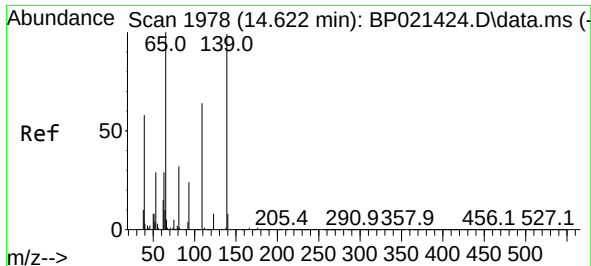
Ion Ratio Lower Upper

184 100

63 68.2 50.3 75.5

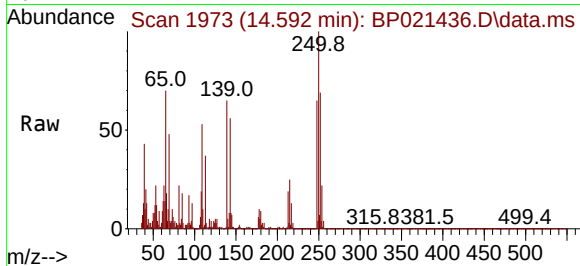
154 67.2 53.0 79.6





#55  
4-Nitrophenol  
Concen: 37.373 ng/ul  
RT: 14.592 min Scan# 1973  
Delta R.T. 0.000 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

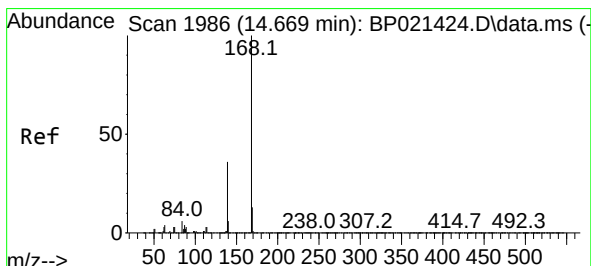
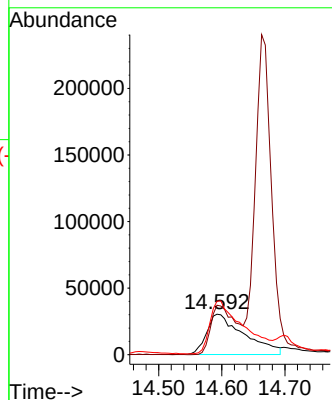
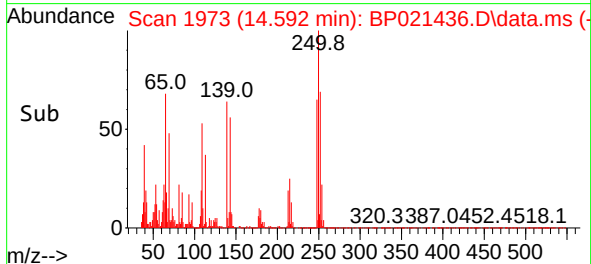
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:109 Resp: 125225  
Ion Ratio Lower Upper  
109 100  
139 121.8 98.0 147.0  
65 131.9 106.0 159.0

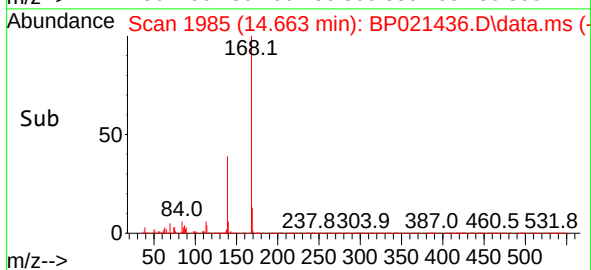
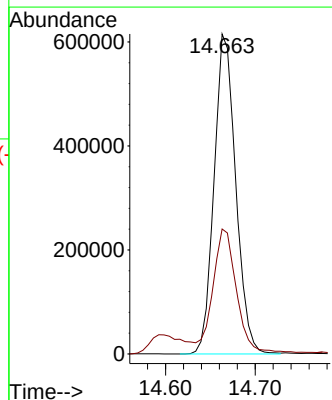
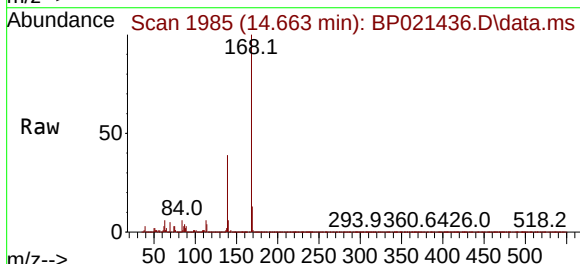
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024

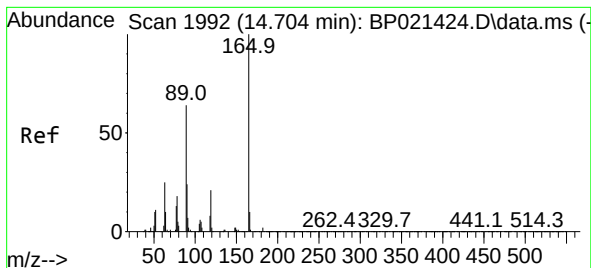


#56  
Dibenzofuran  
Concen: 30.798 ng/ul  
RT: 14.663 min Scan# 1985  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:168 Resp: 1030300  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.1 46.7

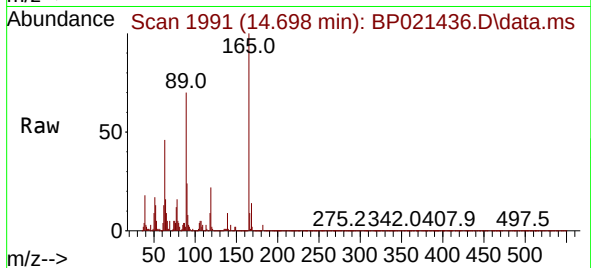






#57  
2,4-Dinitrotoluene  
Concen: 34.960 ng/ul  
RT: 14.698 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

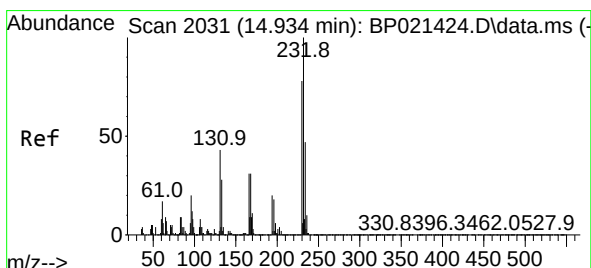
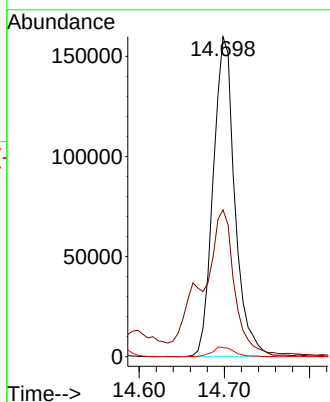
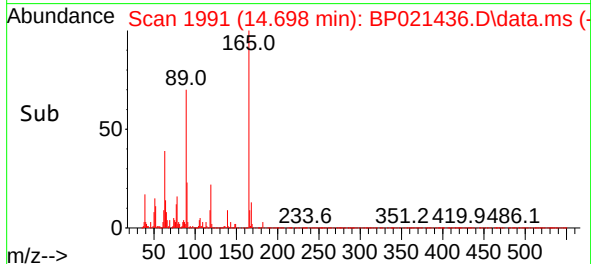
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:165 Resp: 281850  
Ion Ratio Lower Upper  
165 100  
63 45.9 41.0 61.4  
182 2.8 2.2 3.4

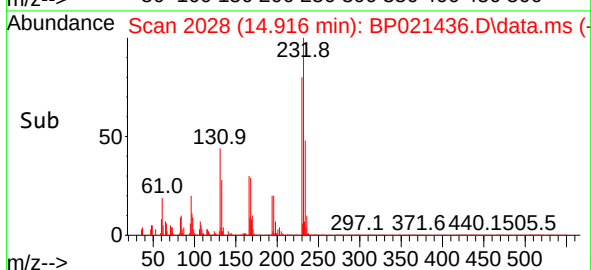
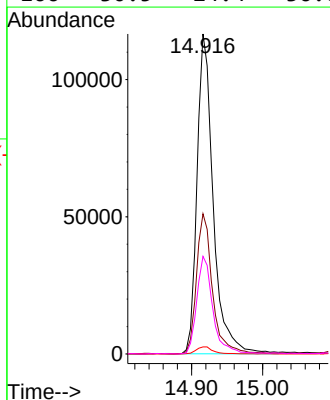
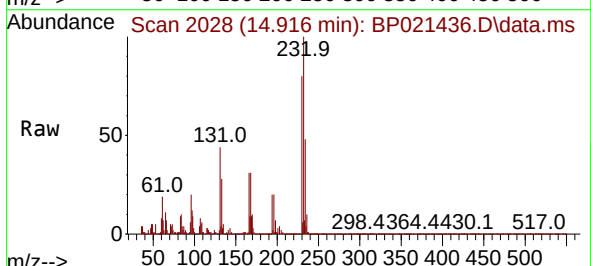
Manual Integrations  
APPROVED

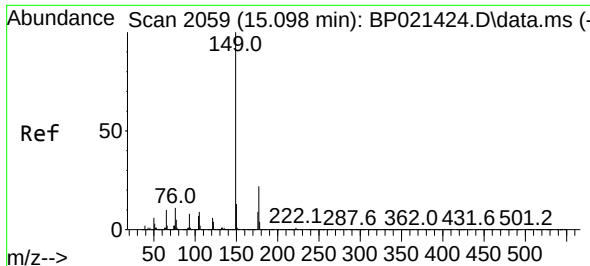
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 25.014 ng/ul  
RT: 14.916 min Scan# 2028  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:232 Resp: 185212  
Ion Ratio Lower Upper  
232 100  
131 43.8 34.4 51.6  
130 2.2 2.0 3.0  
166 30.5 24.4 36.6





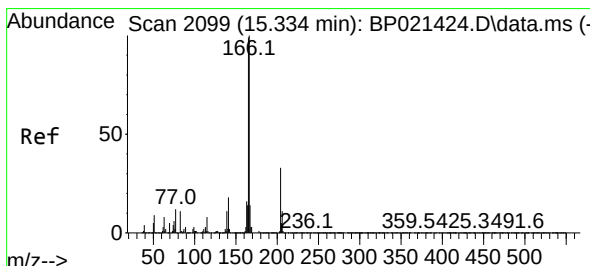
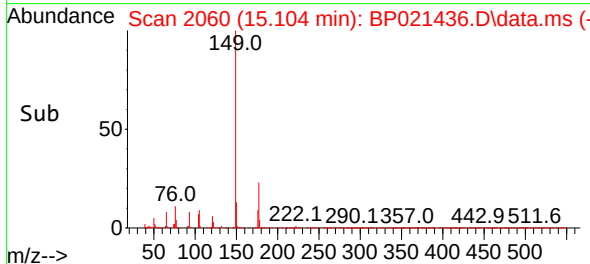
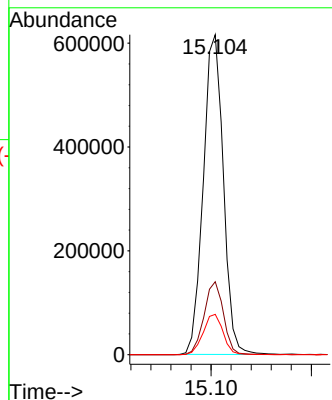
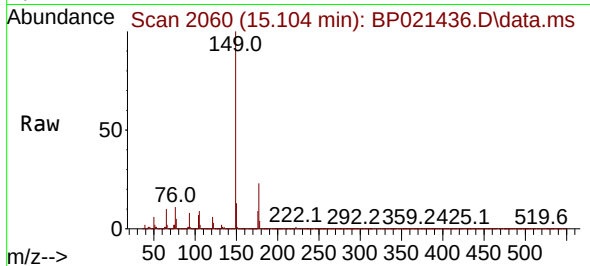
#59  
Diethylphthalate  
Concen: 29.214 ng/ul  
RT: 15.104 min Scan# 2059  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412

Tgt Ion:149 Resp: 857630  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.7 26.5  
150 12.6 10.2 15.2

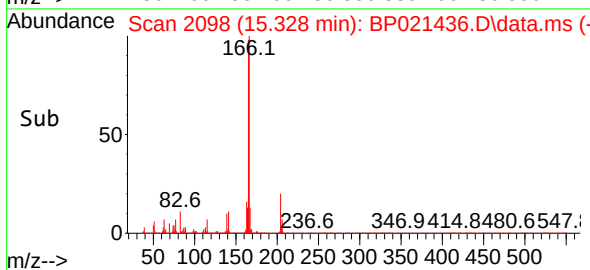
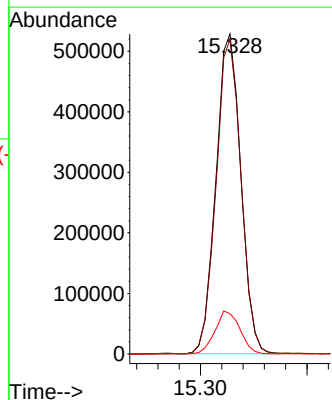
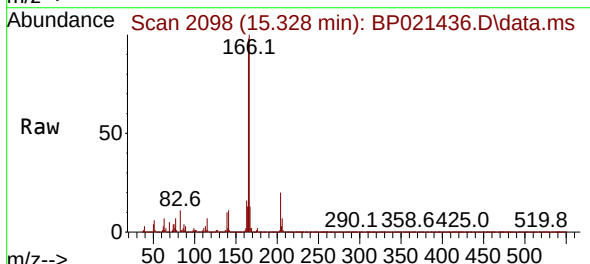
Manual Integrations  
APPROVED

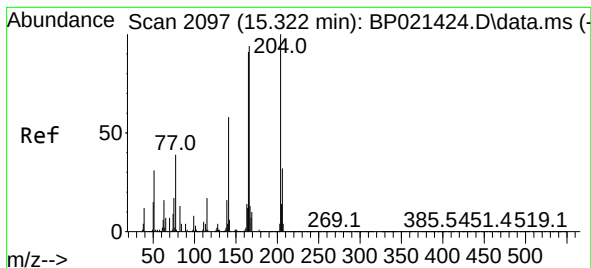
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#61  
Fluorene  
Concen: 31.392 ng/ul  
RT: 15.328 min Scan# 2098  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

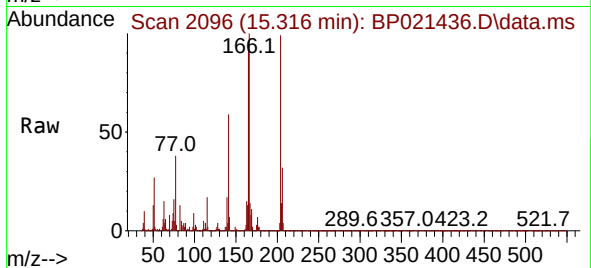
Tgt Ion:166 Resp: 856953  
Ion Ratio Lower Upper  
166 100  
165 98.3 78.1 117.1  
167 12.6 10.9 16.3





#62  
4-Chlorophenyl-phenylether  
Concen: 29.163 ng/ul  
RT: 15.316 min Scan# 2096  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

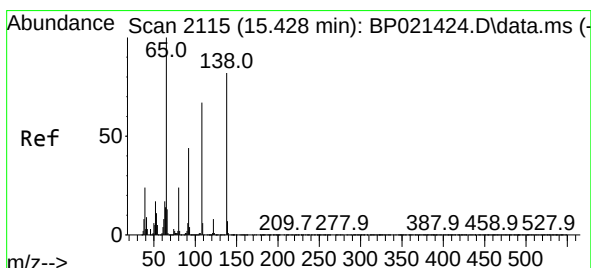
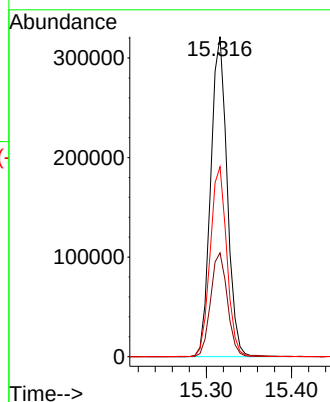
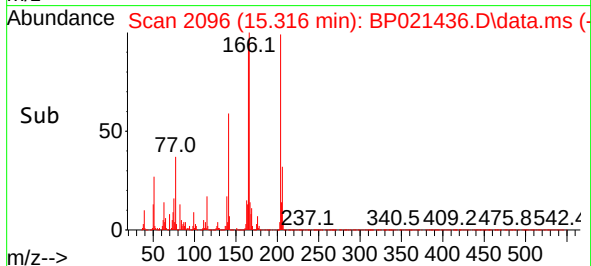
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:204 Resp: 431990  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.4 39.6  
141 59.4 48.5 72.7

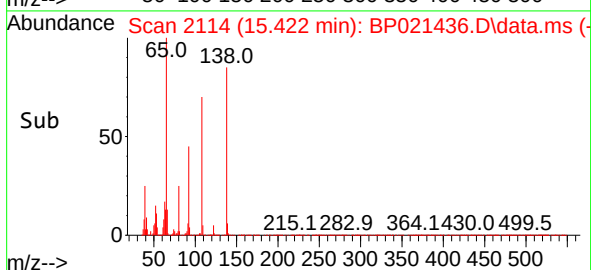
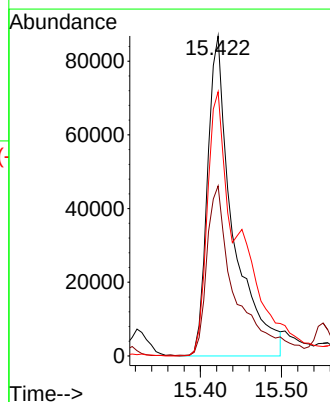
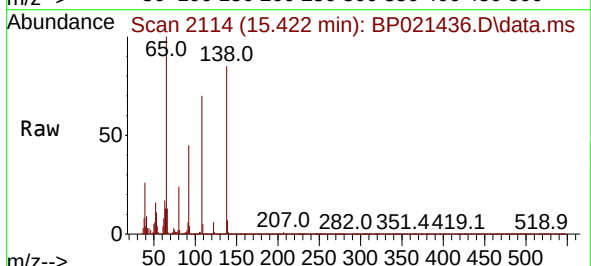
Manual Integrations  
APPROVED

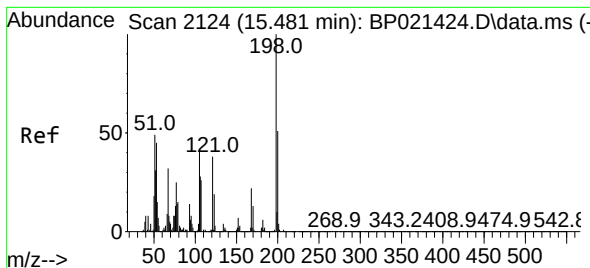
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#63  
4-Nitroaniline  
Concen: 44.669 ng/ul  
RT: 15.422 min Scan# 2114  
Delta R.T. -0.005 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

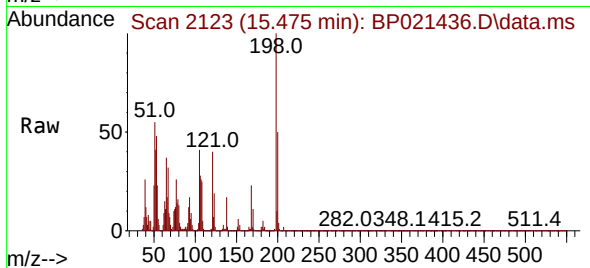
Tgt Ion:138 Resp: 189054  
Ion Ratio Lower Upper  
138 100  
92 53.2 40.9 61.3  
108 82.6 64.7 97.1





#66  
4,6-Dinitro-2-methylphenol  
Concen: 28.621 ng/ul  
RT: 15.475 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

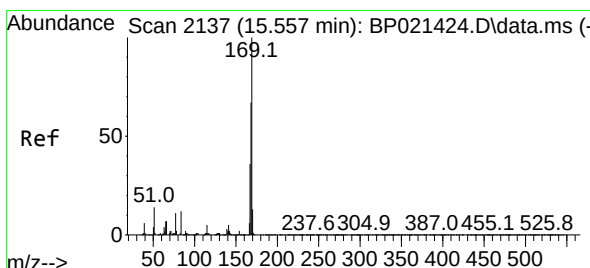
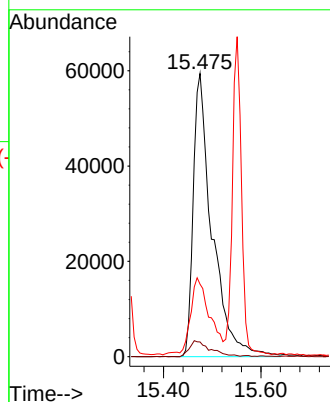
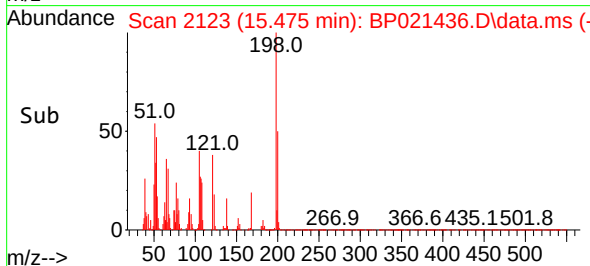
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:198 Resp: 159764  
Ion Ratio Lower Upper  
198 100  
182 5.2 3.8 5.6  
77 25.6 20.0 30.0

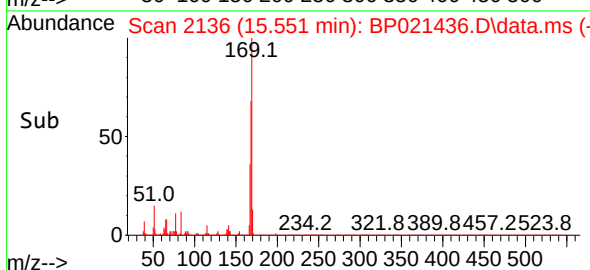
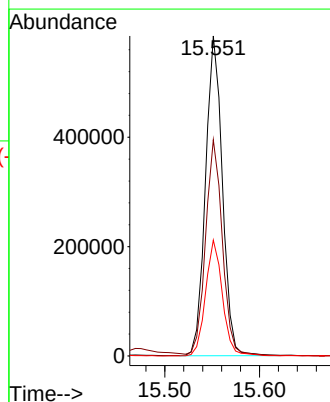
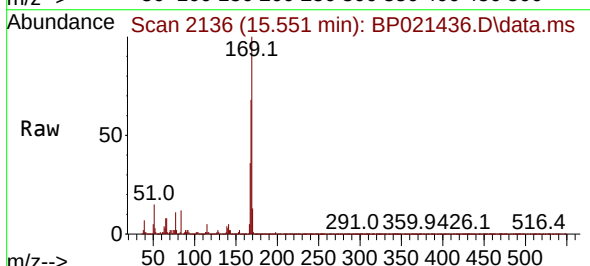
Manual Integrations  
APPROVED

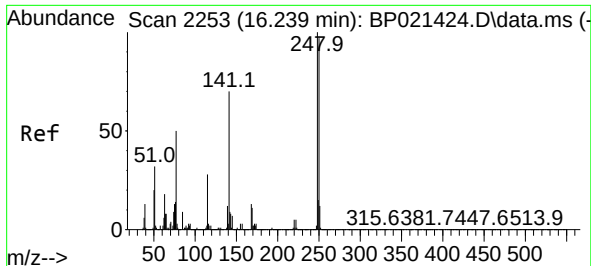
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#67  
N-Nitrosodiphenylamine  
Concen: 28.604 ng/ul  
RT: 15.551 min Scan# 2136  
Delta R.T. -0.017 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

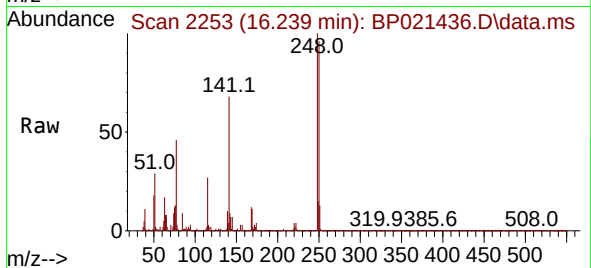
Tgt Ion:169 Resp: 724627  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.4 80.2  
167 36.2 28.4 42.6





#68  
4-Bromophenyl-phenylether  
Concen: 26.138 ng/ul  
RT: 16.239 min Scan# 211  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

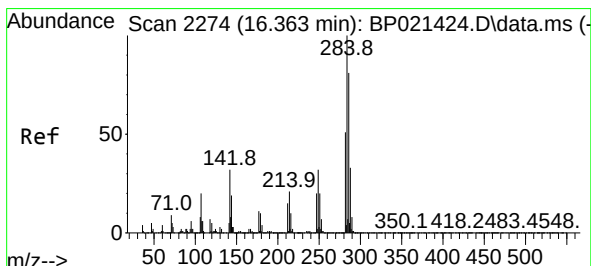
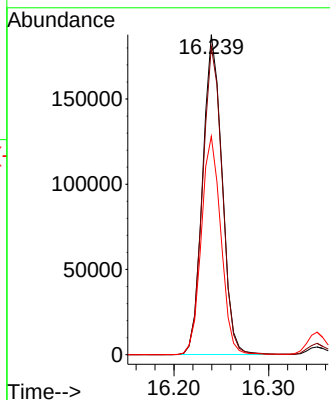
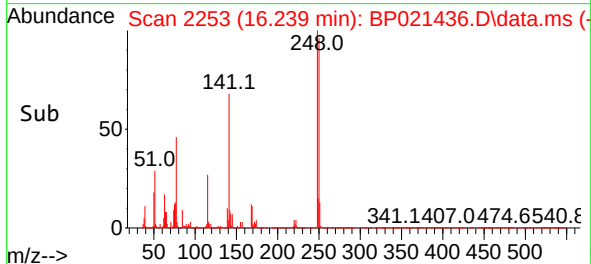
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:248 Resp: 26652  
Ion Ratio Lower Upper  
248 100  
250 96.3 79.3 118.9  
141 68.3 57.4 86.0

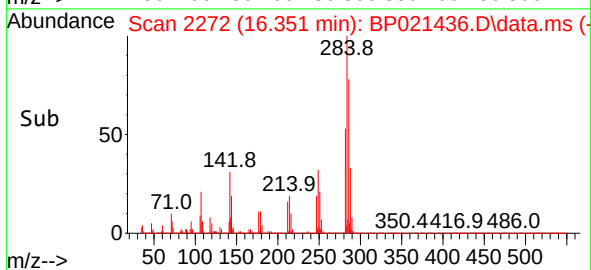
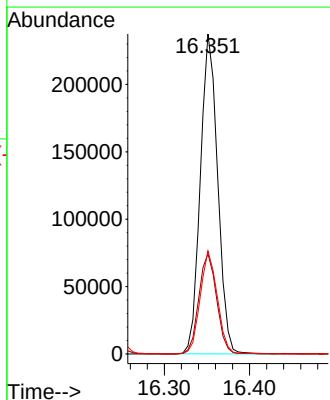
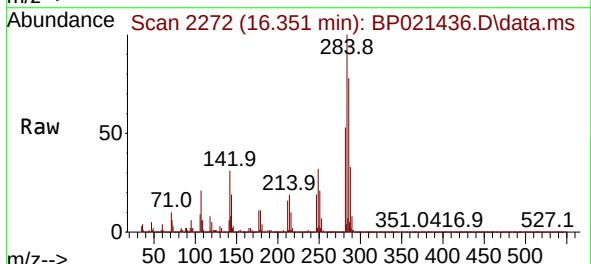
Manual Integrations  
APPROVED

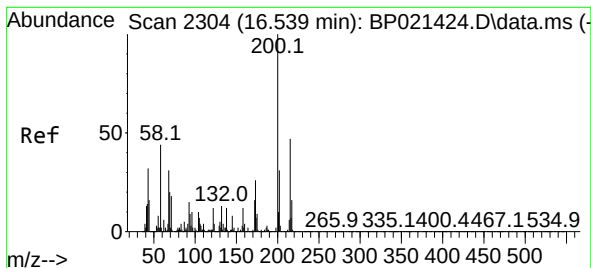
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#69  
Hexachlorobenzene  
Concen: 28.648 ng/ul  
RT: 16.351 min Scan# 2272  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:284 Resp: 334951  
Ion Ratio Lower Upper  
284 100  
142 31.4 25.8 38.8  
249 32.2 25.1 37.7





#70

Atrazine

Concen: 2.579 ng/ul m

RT: 16.545 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

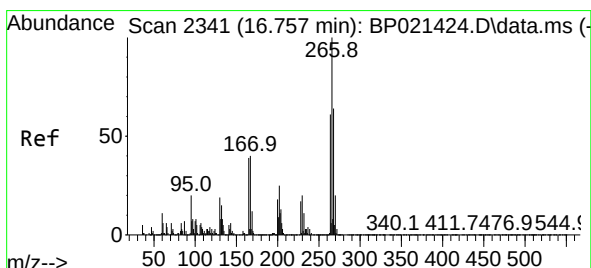
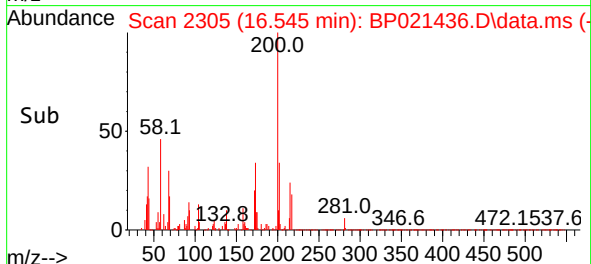
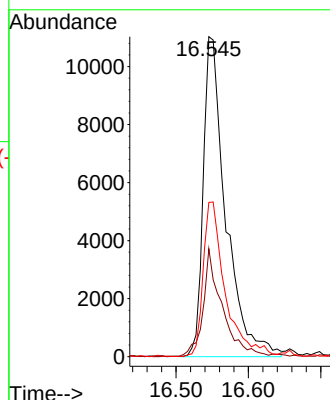
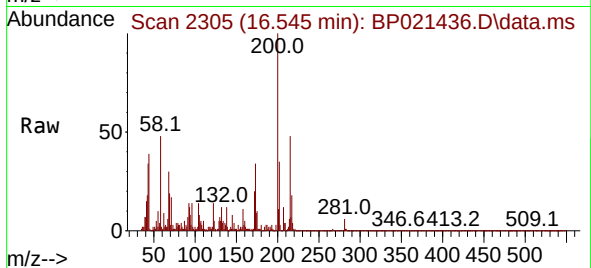
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 23814 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 33.8  | 20.8  | 31.2  |
| 215       | 48.2  | 38.7  | 58.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#71

Pentachlorophenol

Concen: 20.074 ng/ul

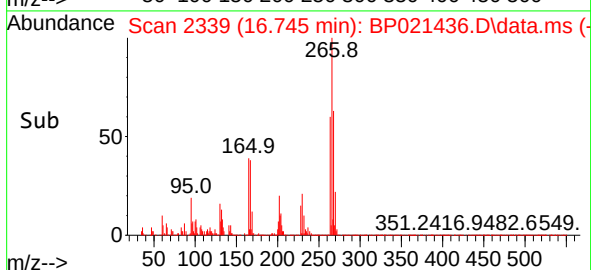
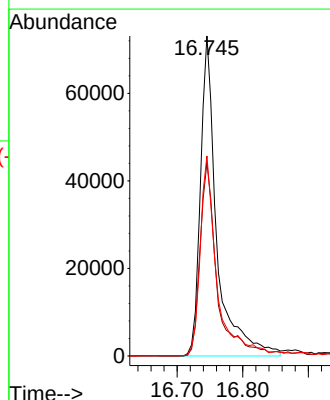
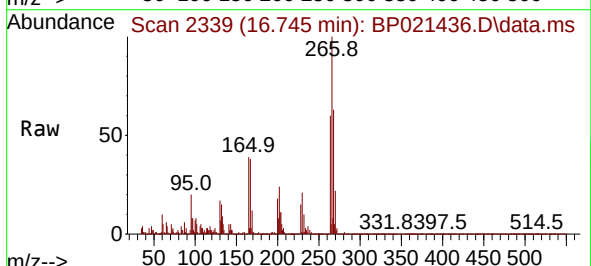
RT: 16.745 min Scan# 2339

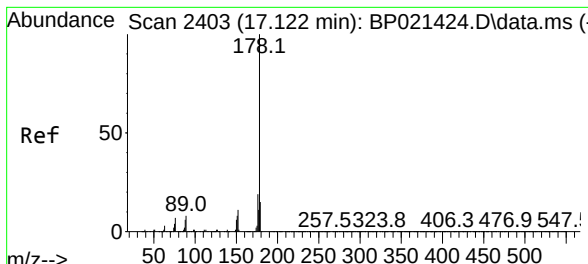
Delta R.T. -0.006 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 127473 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 264       | 60.3  | 52.3  | 78.5   |
| 268       | 62.5  | 52.3  | 78.5   |





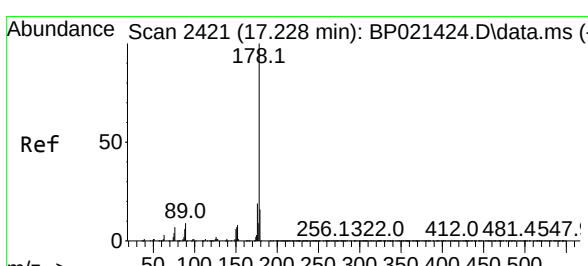
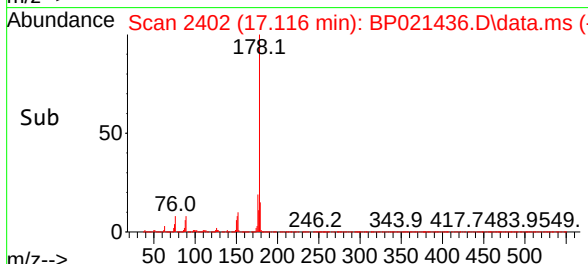
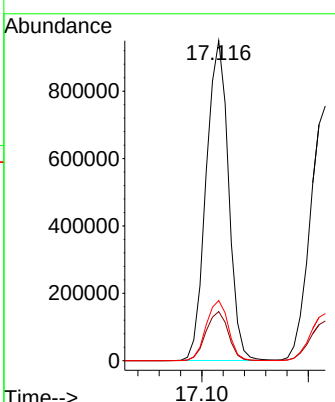
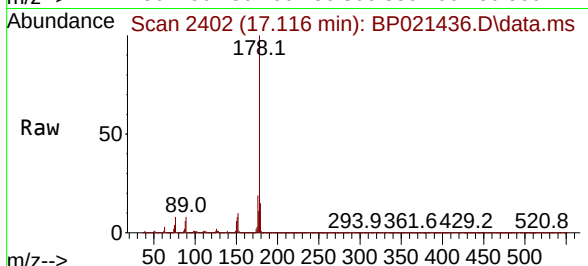
#72  
 Phenanthrene  
 Concen: 30.546 ng/u1  
 RT: 17.116 min Scan# 2419  
 Delta R.T. -0.017 min  
 Lab File: BP021436.D  
 Acq: 08 Aug 2024 03:19

Instrument : BNA\_P  
 ClientSampleId : SLCS412

Tgt Ion:178 Resp: 1378554

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.2  | 18.4  |
| 176 | 18.8  | 15.0  | 22.4  |

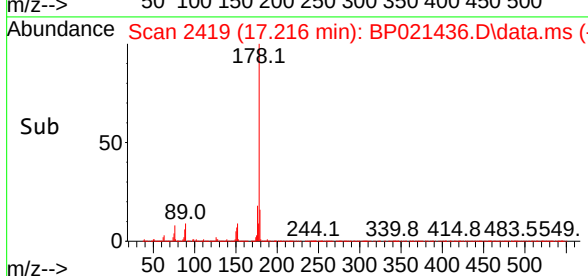
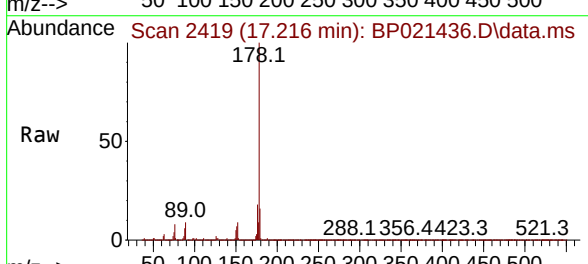
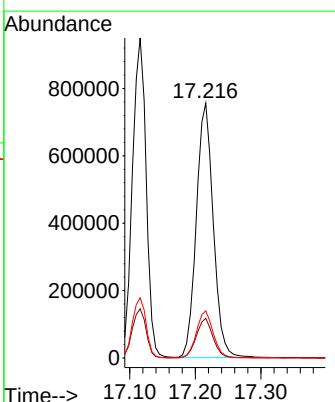
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/09/2024

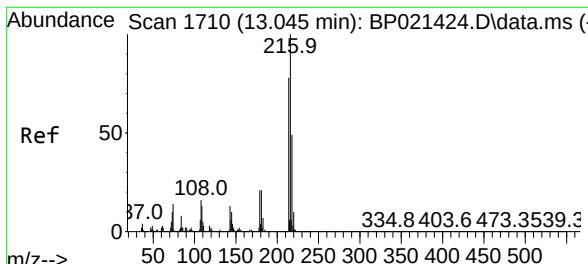


#74  
 Anthracene  
 Concen: 29.571 ng/u1  
 RT: 17.216 min Scan# 2419  
 Delta R.T. -0.017 min  
 Lab File: BP021436.D  
 Acq: 08 Aug 2024 03:19

Tgt Ion:178 Resp: 1360515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.6  | 12.5  | 18.7  |
| 176 | 18.4  | 14.8  | 22.2  |





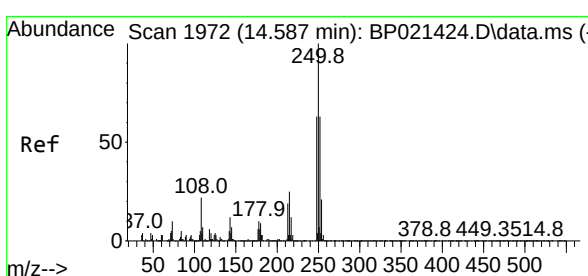
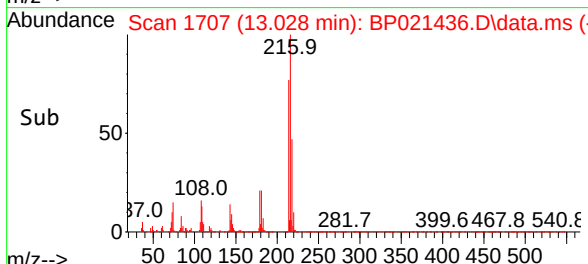
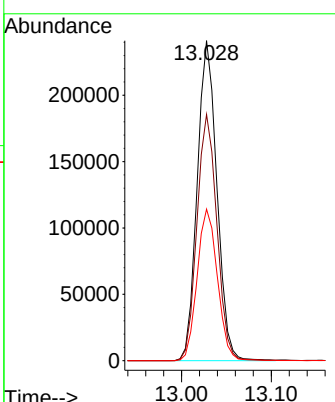
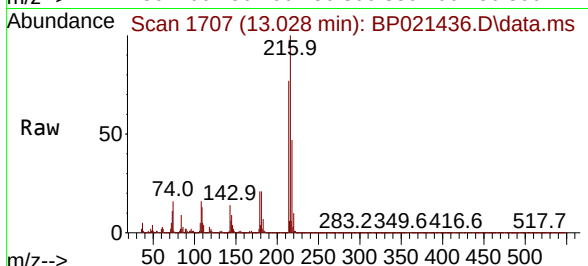
#75  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 26.390 ng/uL  
 RT: 13.028 min Scan# 1707  
 Delta R.T. -0.029 min  
 Lab File: BP021436.D  
 Acq: 08 Aug 2024 03:19

Instrument : BNA\_P  
 ClientSampleId : SLCS412

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 36745 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.9  | 63.2  | 94.8  |
| 218       | 47.3  | 38.2  | 57.4  |

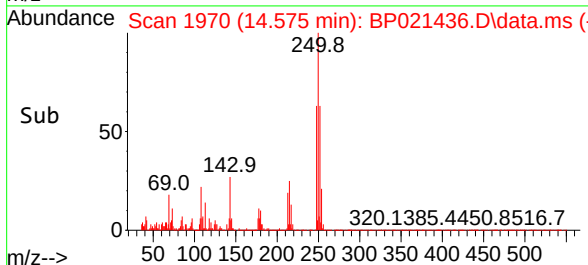
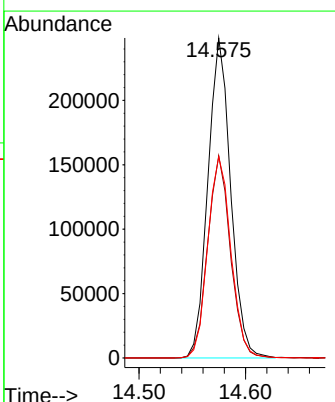
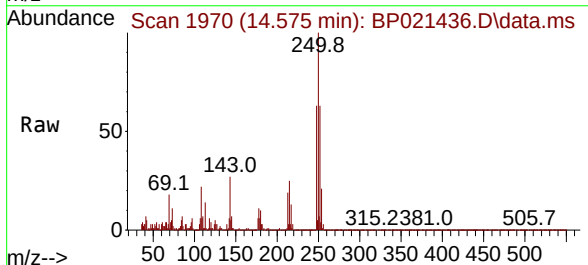
Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/09/2024

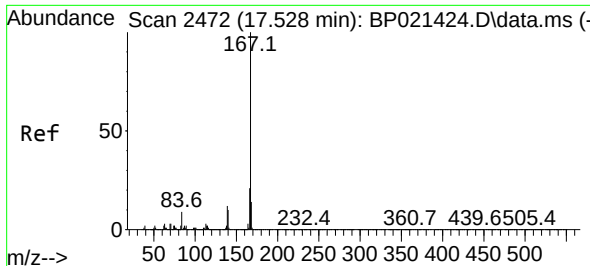


#76  
 Pentachlorobenzene  
 Concen: 26.662 ng/uL  
 RT: 14.575 min Scan# 1970  
 Delta R.T. -0.017 min  
 Lab File: BP021436.D  
 Acq: 08 Aug 2024 03:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 368889 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 63.2  | 50.8  | 76.2   |
| 252       | 62.8  | 51.6  | 77.4   |







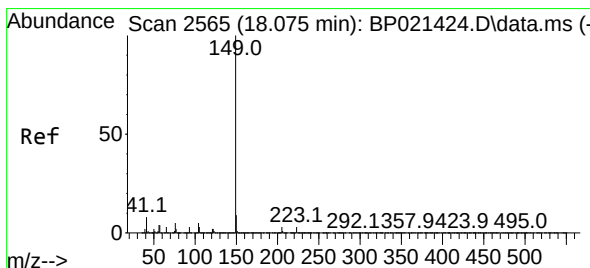
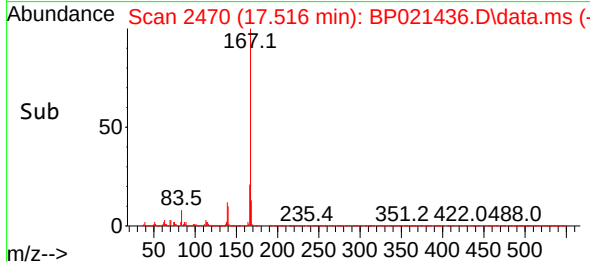
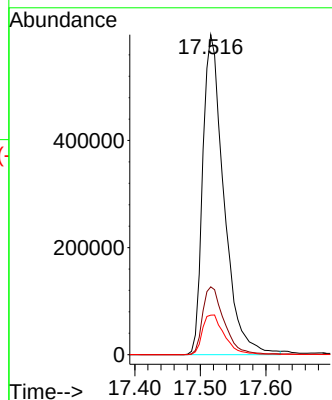
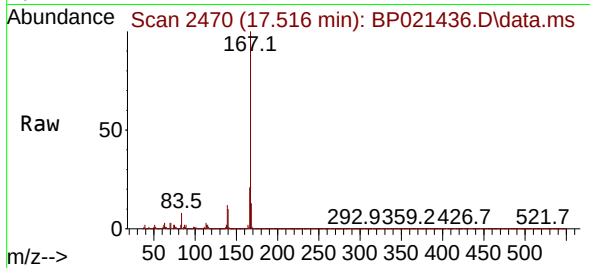
#77  
Carbazole  
Concen: 35.645 ng/ul  
RT: 17.516 min Scan# 2470  
Delta R.T. -0.006 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412

Tgt Ion:167 Resp: 1340609  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.3 25.9  
139 12.4 10.2 15.2

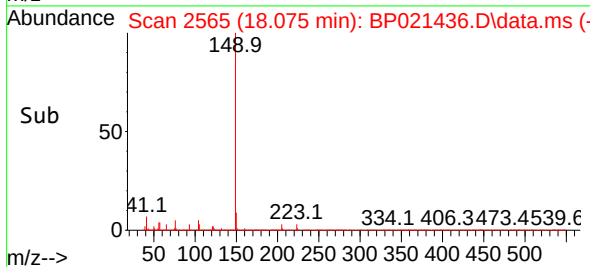
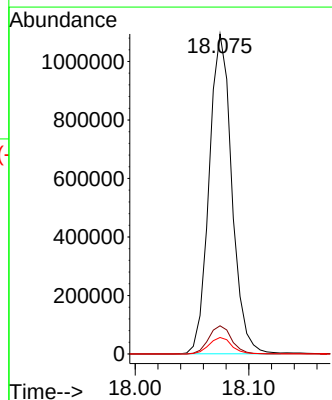
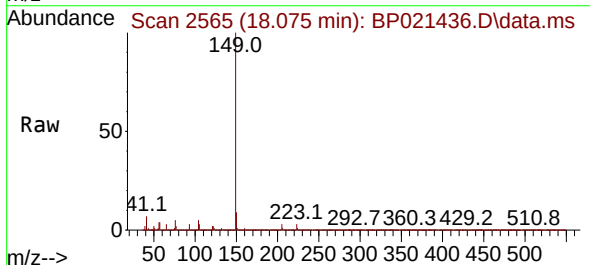
Manual Integrations  
APPROVED

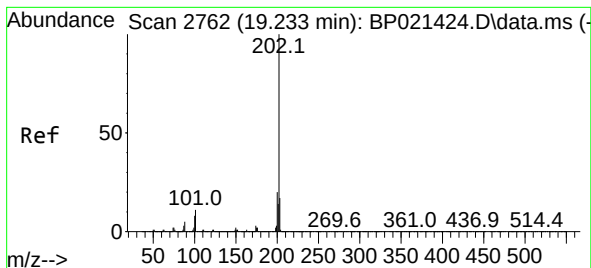
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#78  
Di-n-butylphthalate  
Concen: 29.335 ng/ul  
RT: 18.075 min Scan# 2565  
Delta R.T. -0.023 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:149 Resp: 1522191  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.4 11.0  
104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 24.931 ng/ul

RT: 19.216 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:202 Resp: 1817524

Ion Ratio Lower Upper

202 100

101 10.5 8.0 12.0

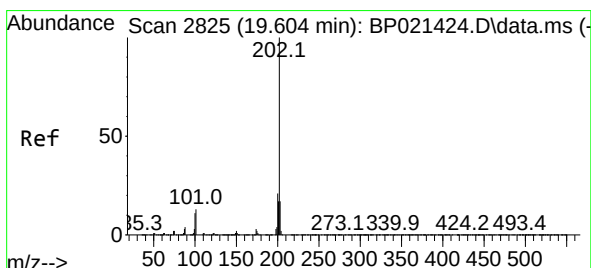
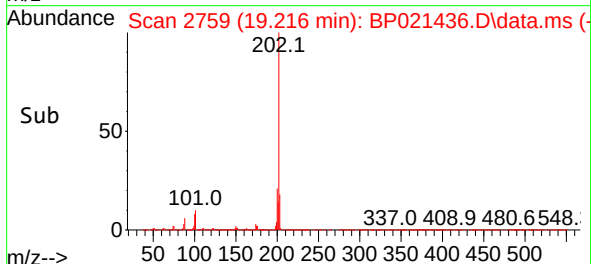
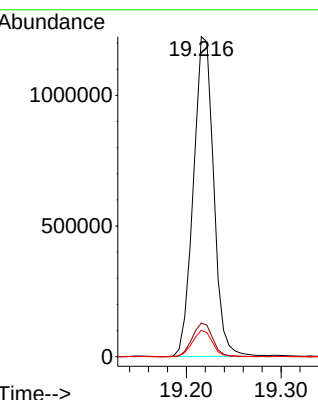
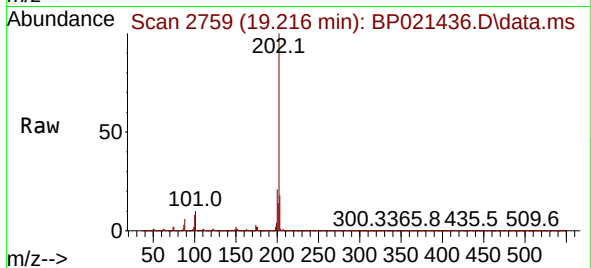
100 8.2 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#82

Pyrene

Concen: 25.777 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.011 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

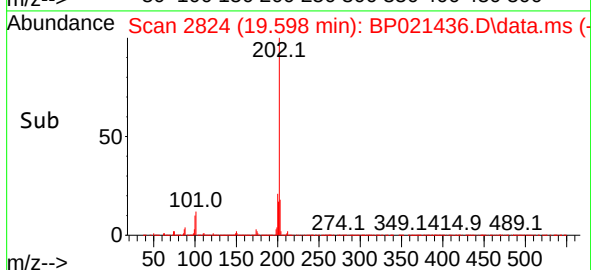
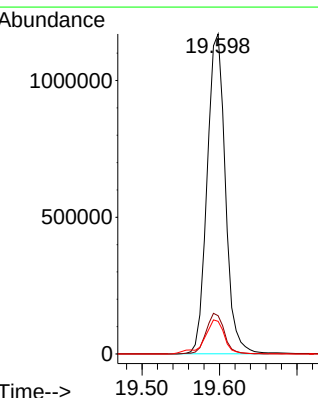
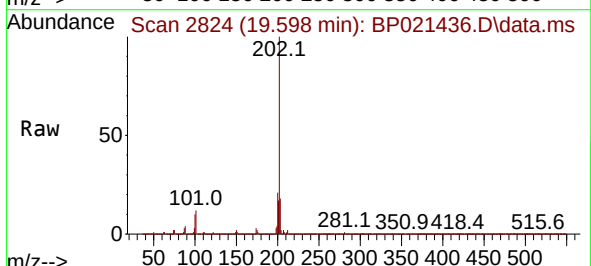
Tgt Ion:202 Resp: 1912286

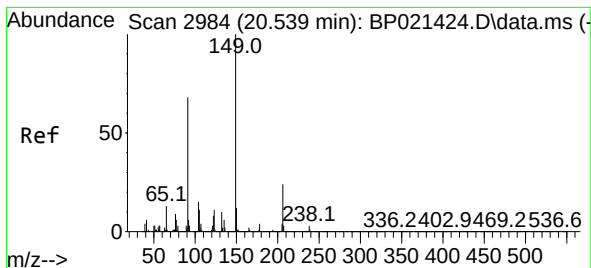
Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 10.2 7.8 11.6





#83

Butylbenzylphthalate

Concen: 24.689 ng/ul

RT: 20.527 min Scan# 2984

Delta R.T. -0.023 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

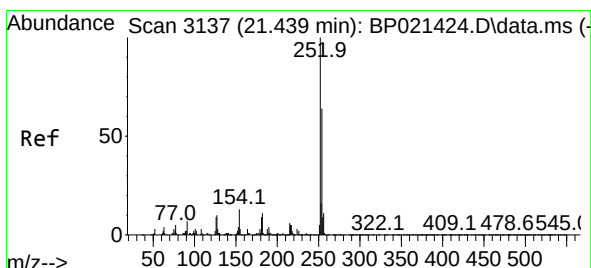
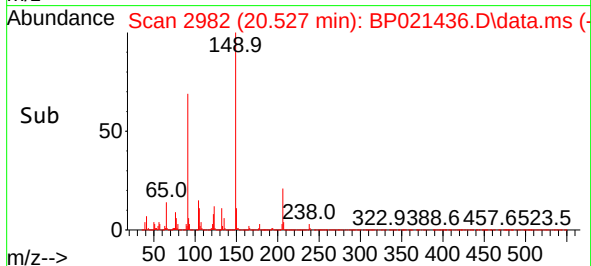
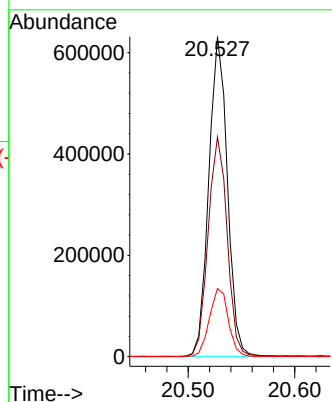
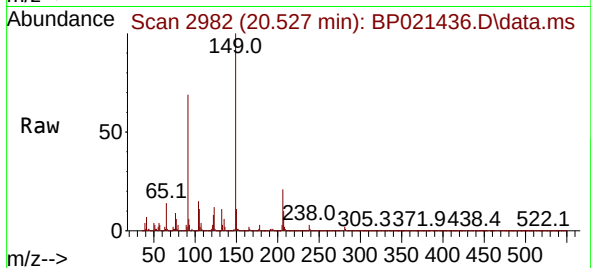
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 76310 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 68.6  | 54.1  | 81.1  |
| 206       | 21.3  | 17.0  | 25.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#84

3,3'-Dichlorobenzidine

Concen: 30.563 ng/ul

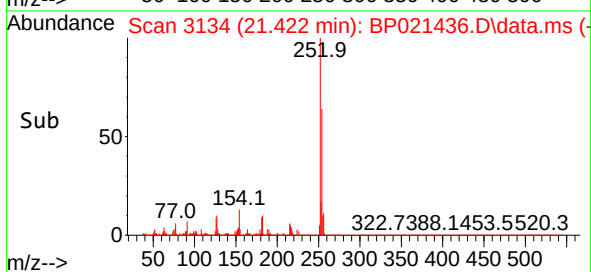
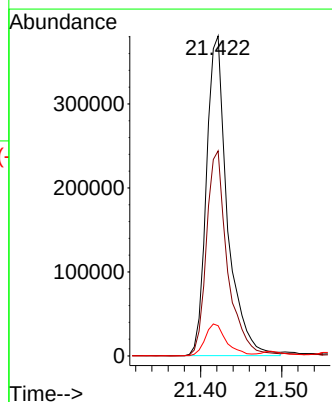
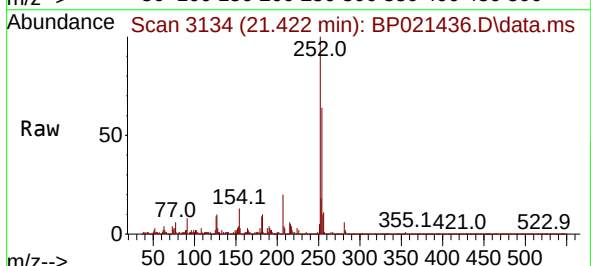
RT: 21.422 min Scan# 3134

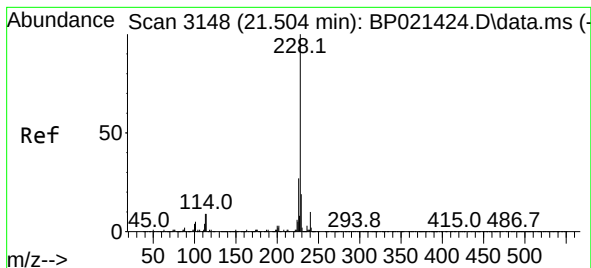
Delta R.T. -0.017 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 681917 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.1  | 51.5  | 77.3   |
| 126       | 9.4   | 8.0   | 12.0   |





#85

Benzo(a)anthracene

Concen: 30.068 ng/ul

RT: 21.486 min Scan# 3148

Delta R.T. -0.023 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:228 Resp: 2056624

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

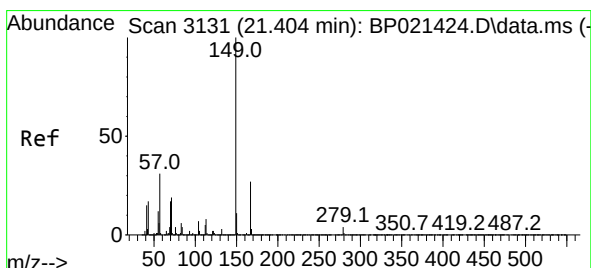
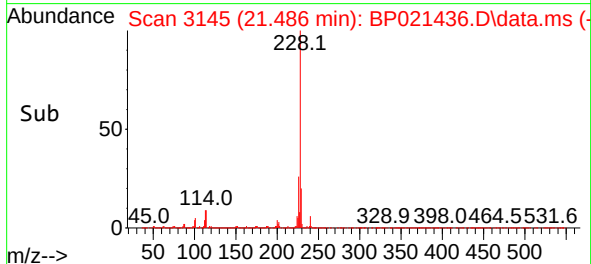
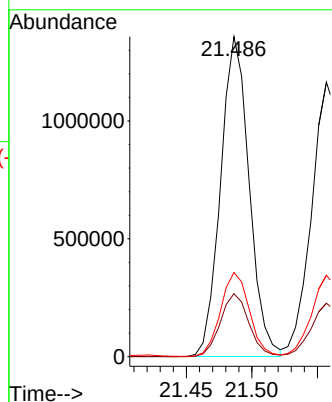
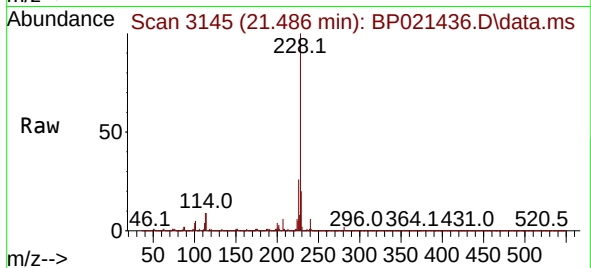
226 26.3 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 23.472 ng/ul

RT: 21.392 min Scan# 3129

Delta R.T. -0.029 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

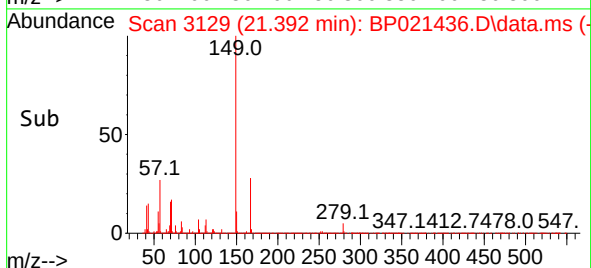
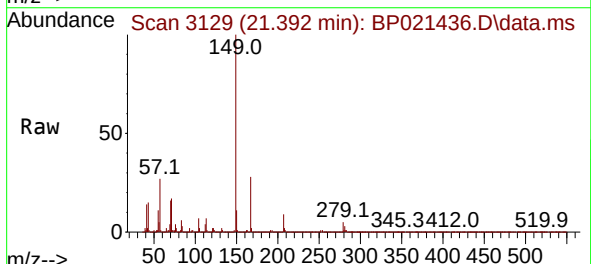
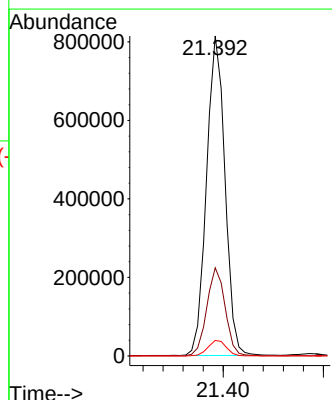
Tgt Ion:149 Resp: 1044041

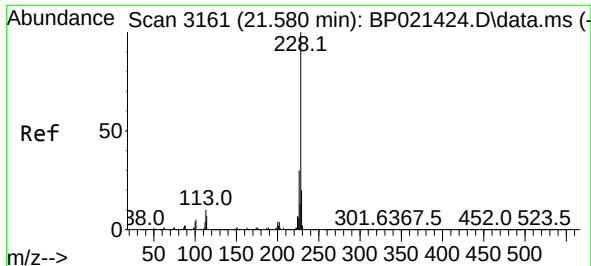
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

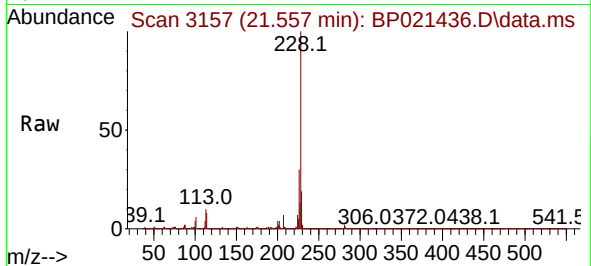
279 4.9 3.7 5.5





#87  
Chrysene  
Concen: 30.972 ng/ul  
RT: 21.557 min Scan# 3161  
Delta R.T. -0.029 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

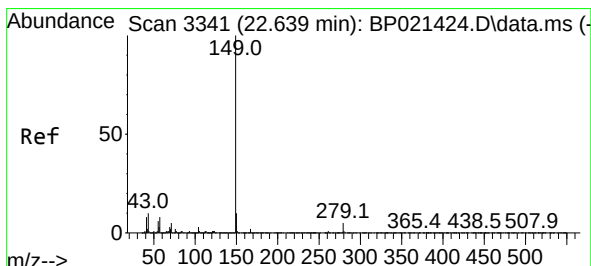
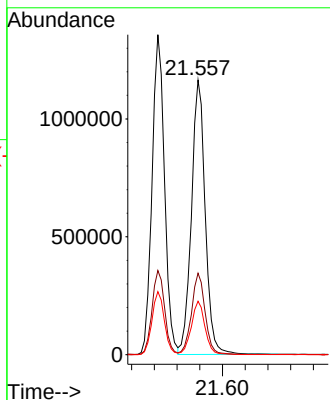
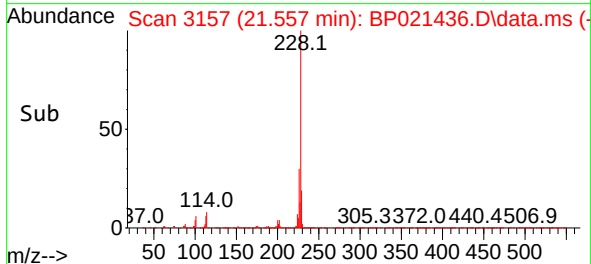
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS412



Tgt Ion:228 Resp: 1968527  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.6 35.4  
229 19.5 15.5 23.3

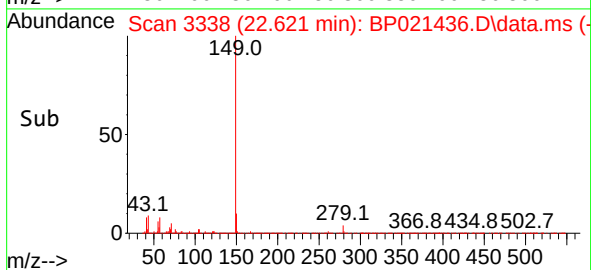
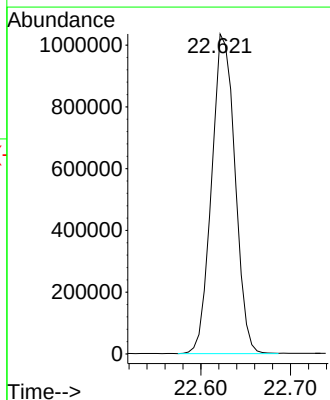
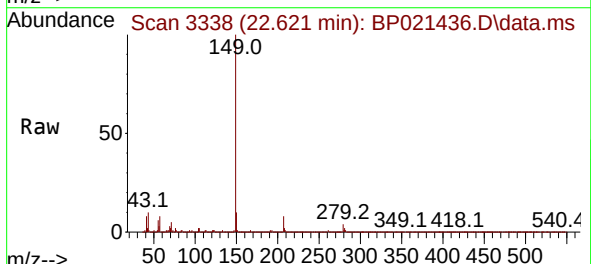
Manual Integrations  
APPROVED

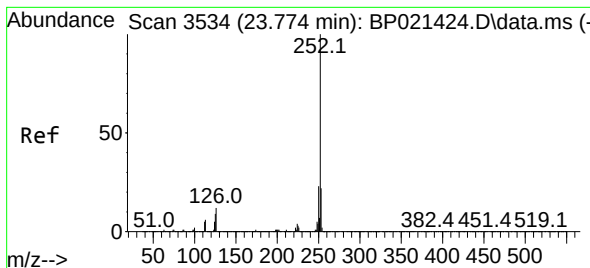
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/09/2024



#89  
Di-n-octyl phthalate  
Concen: 24.557 ng/ul  
RT: 22.621 min Scan# 3338  
Delta R.T. -0.058 min  
Lab File: BP021436.D  
Acq: 08 Aug 2024 03:19

Tgt Ion:149 Resp: 1871594





#90

Benzo(b)fluoranthene

Concen: 30.205 ng/ul

RT: 23.751 min Scan# 3530

Delta R.T. -0.035 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:252 Resp: 211474

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

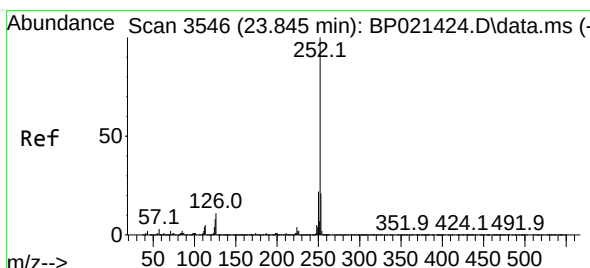
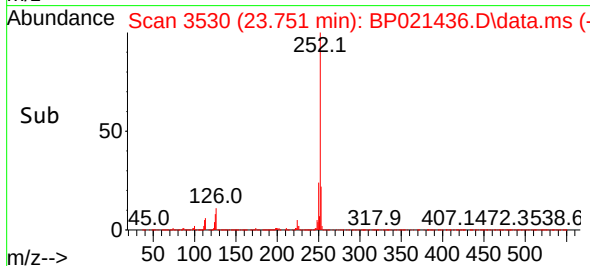
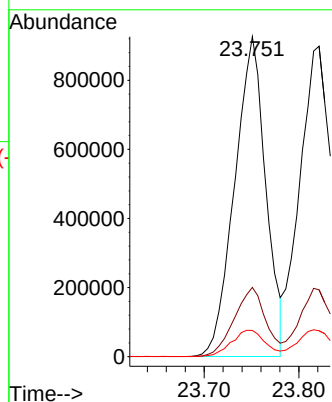
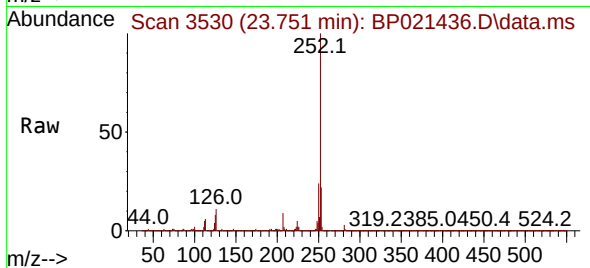
125 8.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#91

Benzo(k)fluoranthene

Concen: 30.937 ng/ul

RT: 23.821 min Scan# 3542

Delta R.T. -0.029 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

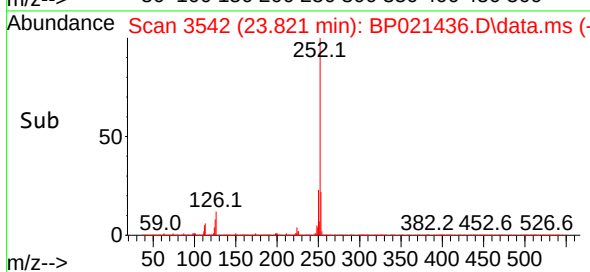
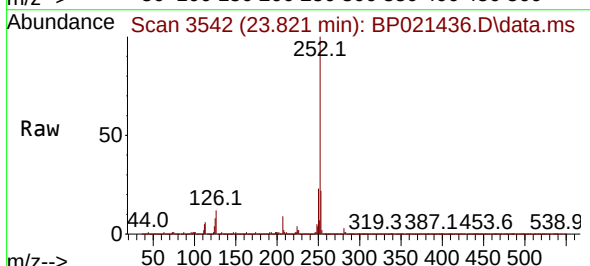
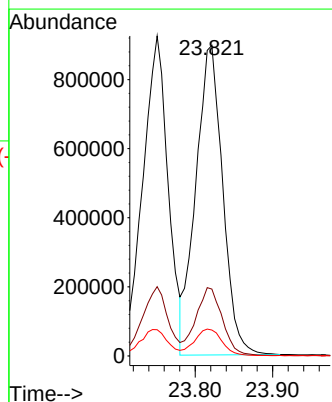
Tgt Ion:252 Resp: 2161598

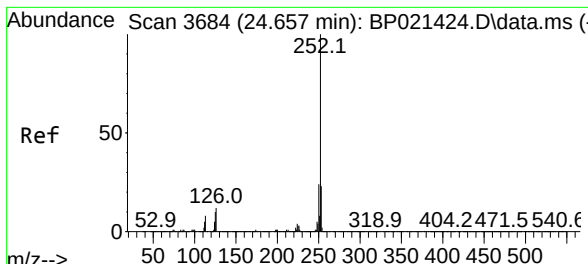
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.3 7.4 11.0





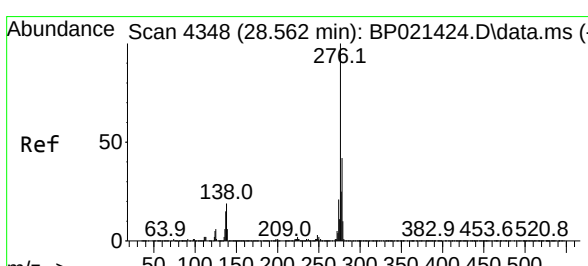
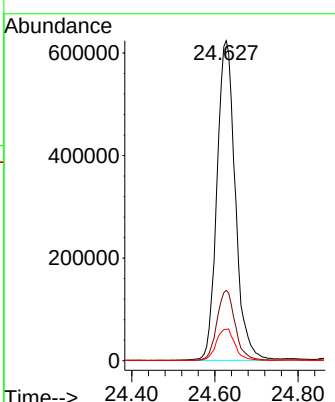
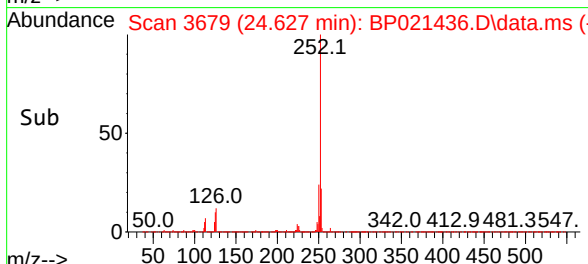
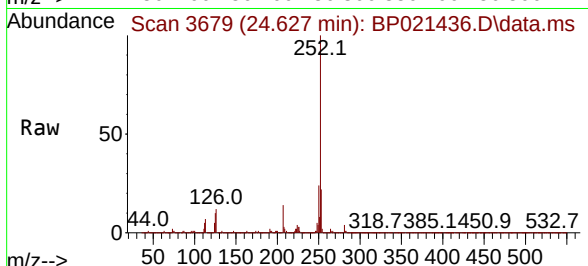
#93  
 Benzo(a)pyrene  
 Concen: 28.744 ng/ul  
 RT: 24.627 min Scan# 30  
 Delta R.T. -0.053 min  
 Lab File: BP021436.D  
 Acq: 08 Aug 2024 03:19

Instrument : BNA\_P  
 ClientSampleId : SLCS412

Tgt Ion: 252 Resp: 190175

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.4  | 26.0  |
| 125 | 9.8   | 7.7   | 11.5  |

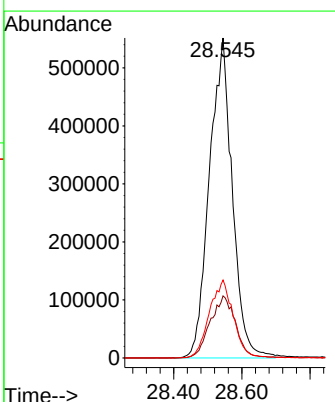
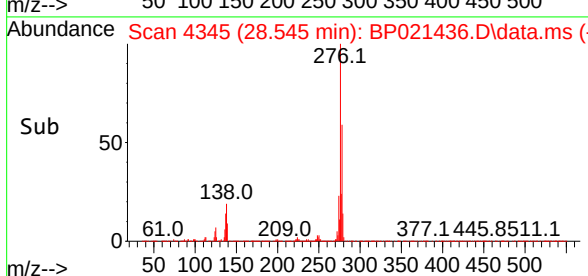
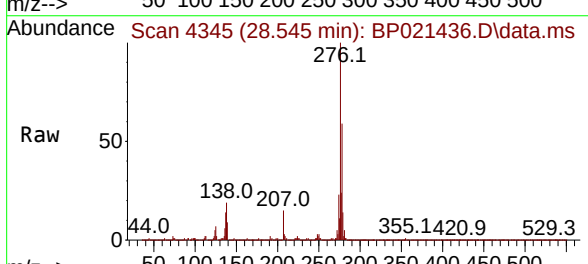
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/09/2024

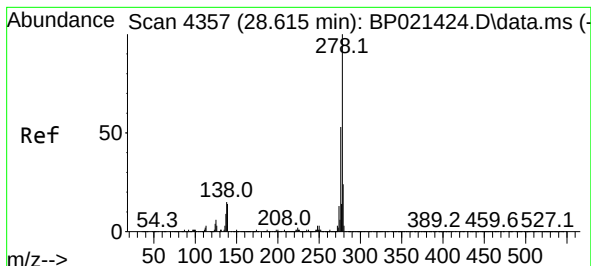


#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 30.075 ng/ul  
 RT: 28.545 min Scan# 4345  
 Delta R.T. -0.053 min  
 Lab File: BP021436.D  
 Acq: 08 Aug 2024 03:19

Tgt Ion: 276 Resp: 2564050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.4  | 14.3  | 21.5  |
| 277 | 24.4  | 19.2  | 28.8  |





#95

Dibenzo(a,h)anthracene

Concen: 30.002 ng/ul

RT: 28.568 min Scan# 41

Delta R.T. -0.070 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Instrument :

BNA\_P

ClientSampleId :

SLCS412

Tgt Ion:278 Resp: 2118128

Ion Ratio Lower Upper

278 100

139 14.0 10.9 16.3

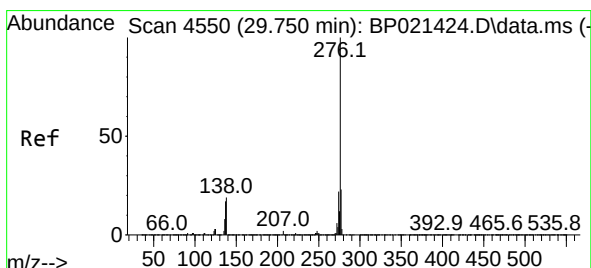
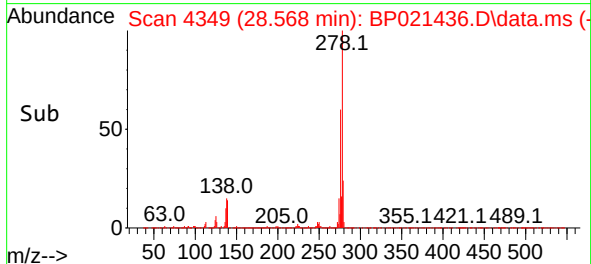
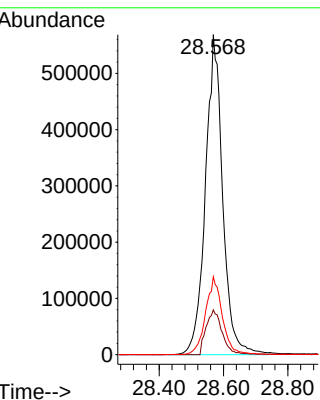
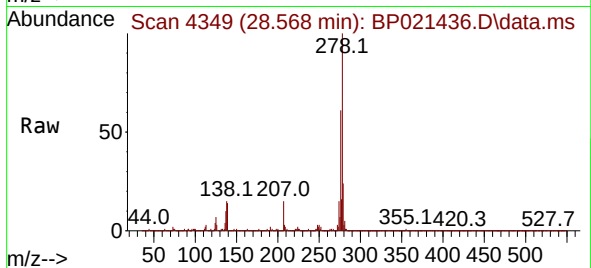
279 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#96

Benzo(g,h,i)perylene

Concen: 28.774 ng/ul m

RT: 29.698 min Scan# 4541

Delta R.T. -0.064 min

Lab File: BP021436.D

Acq: 08 Aug 2024 03:19

Tgt Ion:276 Resp: 1997849

Ion Ratio Lower Upper

276 100

138 19.4 15.3 22.9

277 22.9 18.2 27.2

