

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072924\  
 Data File : BP021214.D  
 Acq On : 29 Jul 2024 17:50  
 Operator : MA/JU  
 Sample : PB162189BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS189

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024  
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 29 19:11:30 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     | 7.634  | 152  | 220503   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.393 | 136  | 863964   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.275 | 164  | 561324   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 1217338  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.545 | 240  | 1220581  | 20.000 | ng/u1  | 0.01     |
| 88) Perylene-d12              | 24.845 | 264  | 1413134  | 20.000 | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.170  | 96   | 30287    | 6.250  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.587  | 84   | 364276   | 25.967 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.846  | 99   | 489399   | 27.224 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.987  | 67   | 291358   | 26.744 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.187  | 132  | 399232   | 26.954 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.363  | 113  | 384213   | 25.733 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 192325   | 28.660 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.499  | 143  | 222158   | 28.925 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 398891   | 28.721 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 476372   | 25.892 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 1163704  | 28.518 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.969 | 160  | 1314156  | 28.682 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.569 | 143  | 239453m  | 41.244 | ng/u1  | -0.02    |
| 60) Fluorene-d10              | 15.298 | 176  | 1007433  | 30.094 | ng/u1  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 220648   | 29.957 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.198 | 188  | 1544215  | 28.561 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.586 | 212  | 1964704  | 26.036 | ng/u1  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 24.616 | 264  | 2117838  | 30.387 | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.205  | 88   | 54351    | 10.199 | ng/uL  | 98       |
| 5) Pyridine                   | 3.611  | 79   | 372915   | 25.773 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.805  | 77   | 248224   | 27.389 | ng/u1  | 97       |
| 8) Phenol                     | 6.875  | 94   | 513511   | 28.229 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.075  | 93   | 402166   | 26.762 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.216  | 128  | 418402   | 28.185 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.093  | 108  | 375419   | 26.685 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.152  | 45   | 580226m  | 26.725 | ng/u1  |          |
| 16) Acetophenone              | 8.458  | 105  | 618909   | 26.858 | ng/u1  | 95       |
| 17) N-Nitroso-di-n-propyla... | 8.434  | 70   | 310412   | 25.708 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.428  | 108  | 409616   | 27.178 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.681  | 117  | 180202   | 27.013 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.834  | 77   | 471733   | 29.346 | ng/u1  | 99       |
| 23) Isophorone                | 9.346  | 82   | 878576   | 27.492 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.534  | 139  | 237815   | 29.688 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.599  | 107  | 348551   | 22.066 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.822  | 93   | 536205   | 27.604 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.075 | 162  | 398594   | 29.121 | ng/u1  | 99       |
| 30) Naphthalene               | 10.446 | 128  | 1303372  | 28.680 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.587 | 127  | 441812   | 25.147 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.699 | 225  | 289351   | 28.194 | ng/u1  | 99       |
| 34) Caprolactam               | 11.387 | 113  | 133213m  | 31.594 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.734 | 107  | 440936   | 29.637 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.063 | 142  | 880929   | 28.239 | ng/u1  | 97       |

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 Quant Title : SVOA CALIBRATION  
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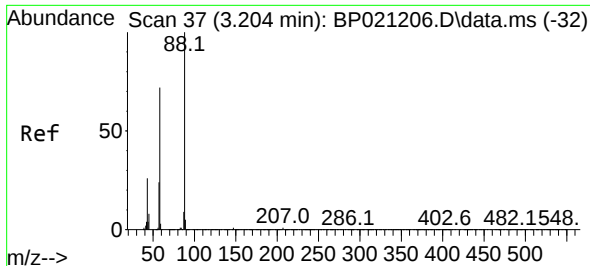
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/30/2024  
 Supervised By :mohammad ahmed 09/04/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.281 | 142  | 881221   | 27.466 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.440 | 216  | 531860   | 29.176 | ng/ul | 97       |
| 40) Hexachlorocyclopentadiene | 12.387 | 237  | 126372   | 13.252 | ng/ul | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.704 | 196  | 293528   | 25.482 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.793 | 196  | 329777   | 27.059 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.087 | 154  | 1175300  | 28.650 | ng/ul | 98       |
| 44) 2-Chloronaphthalene       | 13.134 | 162  | 944087   | 28.828 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.369 | 65   | 291130   | 32.146 | ng/ul | 93       |
| 47) Dimethylphthalate         | 13.734 | 163  | 1200093  | 28.985 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.875 | 165  | 253051   | 30.570 | ng/ul | 97       |
| 50) Acenaphthylene            | 13.998 | 152  | 1475887  | 28.450 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.222 | 138  | 247455   | 34.353 | ng/ul | 97       |
| 52) Acenaphthene              | 14.345 | 153  | 972358   | 28.240 | ng/ul | 98       |
| 53) 2,4-Dinitrophenol         | 14.457 | 184  | 140332   | 32.282 | ng/ul | 95       |
| 55) 4-Nitrophenol             | 14.587 | 109  | 171631   | 36.342 | ng/ul | 96       |
| 56) Dibenzofuran              | 14.693 | 168  | 1380610  | 29.281 | ng/ul | 97       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 373872   | 32.902 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.934 | 232  | 245492   | 23.523 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.122 | 149  | 1217046  | 29.413 | ng/ul | 99       |
| 61) Fluorene                  | 15.351 | 166  | 1146373  | 29.794 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.340 | 204  | 600137   | 28.744 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.416 | 138  | 253896   | 42.562 | ng/ul | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 237251   | 30.374 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.569 | 169  | 988223   | 27.877 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.257 | 248  | 395392   | 27.711 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.375 | 284  | 466715   | 28.527 | ng/ul | 97       |
| 70) Atrazine                  | 16.563 | 200  | 23219    | 1.797  | ng/ul | 95       |
| 71) Pentachlorophenol         | 16.751 | 266  | 173323   | 19.506 | ng/ul | 97       |
| 72) Phenanthrene              | 17.139 | 178  | 1840479  | 29.144 | ng/ul | 100      |
| 74) Anthracene                | 17.239 | 178  | 1844901  | 28.657 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.051 | 216  | 516620   | 26.515 | ng/ul | 98       |
| 76) Pentachlorobenzene        | 14.604 | 250  | 514780   | 26.589 | ng/ul | 98       |
| 77) Carbazole                 | 17.528 | 167  | 1721306  | 32.707 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.098 | 149  | 2178961  | 30.009 | ng/ul | 99       |
| 80) Fluoranthene              | 19.239 | 202  | 2300547  | 25.244 | ng/ul | 100      |
| 82) Pyrene                    | 19.616 | 202  | 2436704  | 26.276 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.551 | 149  | 1041527  | 26.957 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.445 | 252  | 862042   | 30.908 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.522 | 228  | 2443836  | 28.582 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149  | 1472299  | 26.479 | ng/ul | 99       |
| 87) Chrysene                  | 21.592 | 228  | 2363200  | 29.744 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.686 | 149  | 2622713  | 28.095 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.798 | 252  | 2634248  | 30.718 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.869 | 252  | 2533515  | 29.603 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.698 | 252  | 2348931  | 28.986 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.604 | 276  | 3124668m | 29.923 | ng/ul |          |
| 95) Dibenzo(a,h)anthracene    | 28.674 | 278  | 2573851  | 29.765 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 29.804 | 276  | 2444302  | 28.741 | ng/ul | 98       |

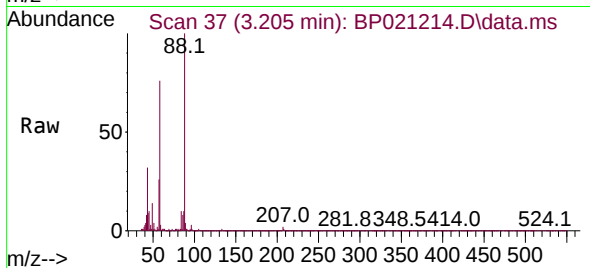
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 10.199 ng/uL  
RT: 3.205 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

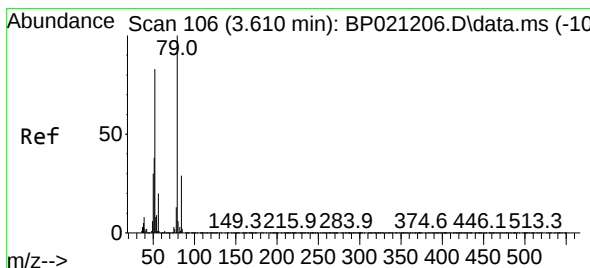
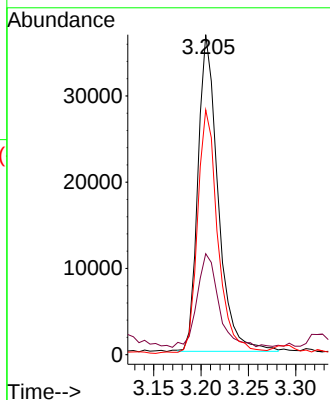
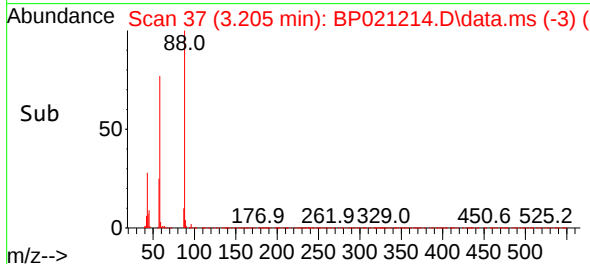
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



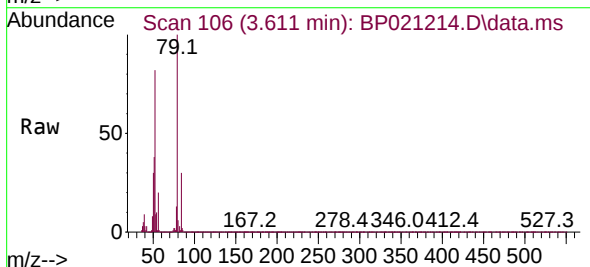
Tgt Ion: 88 Resp: 5435  
Ion Ratio Lower Upper  
88 100  
43 31.5 25.4 38.0  
58 76.5 59.2 88.8

Manual Integrations  
APPROVED

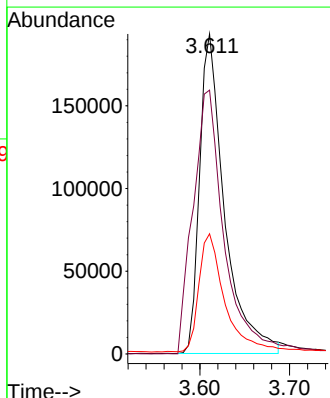
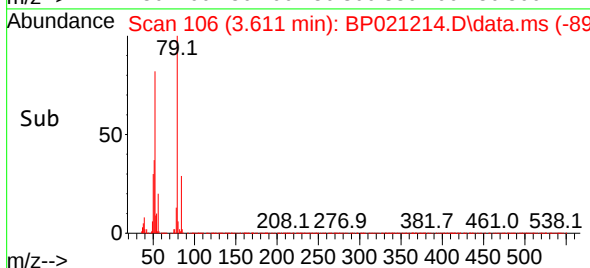
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

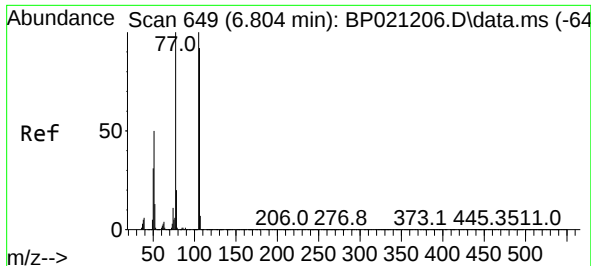


#5  
Pyridine  
Concen: 25.773 ng/uL  
RT: 3.611 min Scan# 106  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



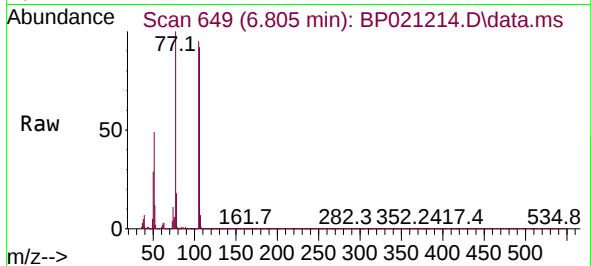
Tgt Ion: 79 Resp: 372915  
Ion Ratio Lower Upper  
79 100  
52 82.4 64.9 97.3  
51 37.5 30.5 45.7





#6  
Benzaldehyde  
Concen: 27.389 ng/ul  
RT: 6.805 min Scan# 649  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

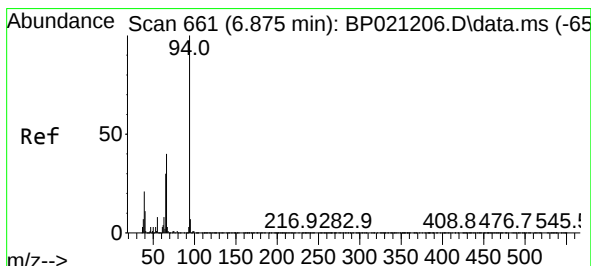
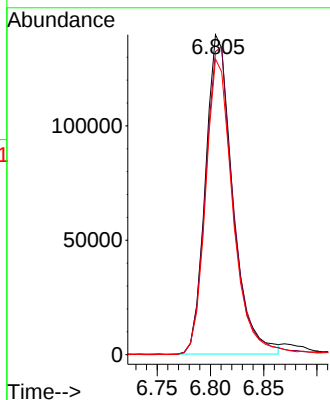
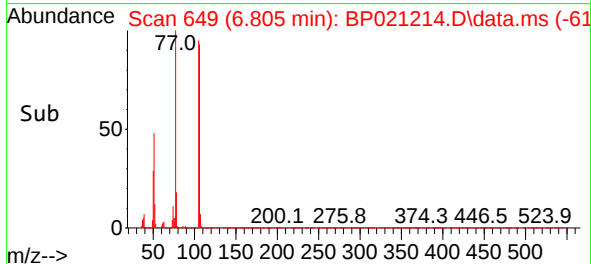
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



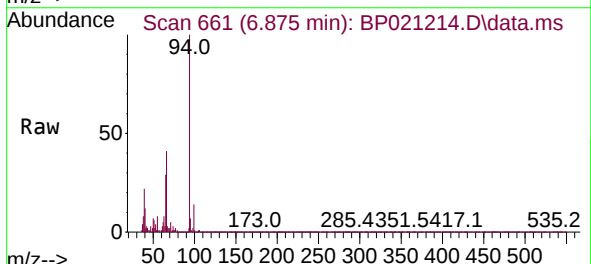
Tgt Ion: 77 Resp: 248224  
Ion Ratio Lower Upper  
77 100  
105 94.7 79.3 118.9  
106 92.4 74.6 112.0

Manual Integrations  
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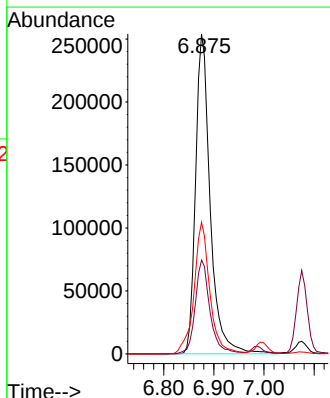
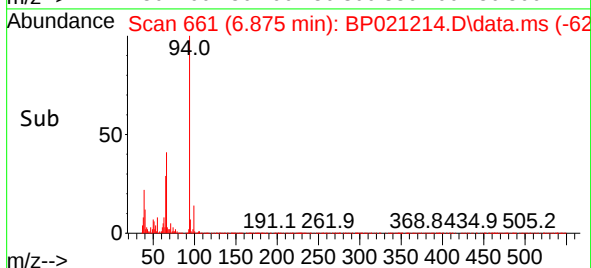
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

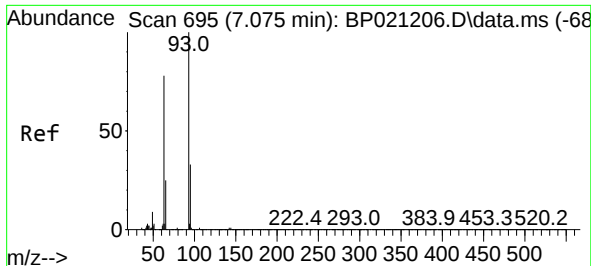


#8  
Phenol  
Concen: 28.229 ng/ul  
RT: 6.875 min Scan# 661  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



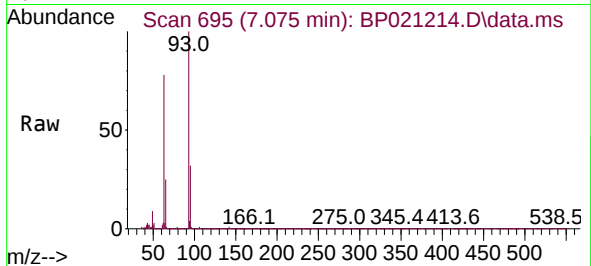
Tgt Ion: 94 Resp: 513511  
Ion Ratio Lower Upper  
94 100  
65 29.4 23.4 35.0  
66 41.1 33.9 50.9





#10  
Bis(2-Chloroethyl)ether  
Concen: 26.762 ng/ul  
RT: 7.075 min Scan# 695  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

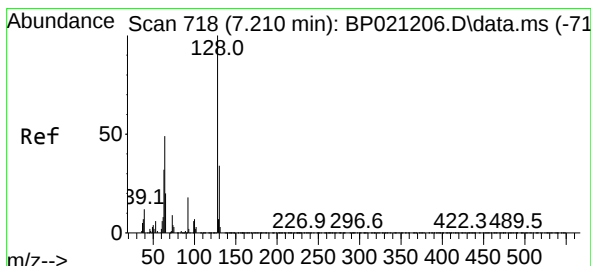
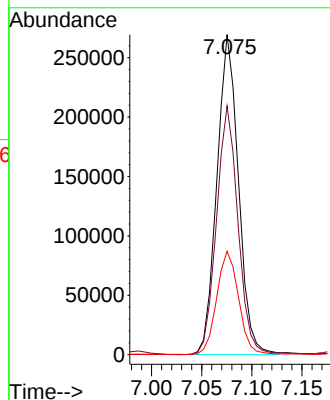
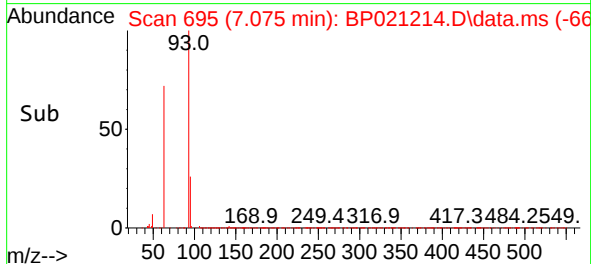
Instrument :  
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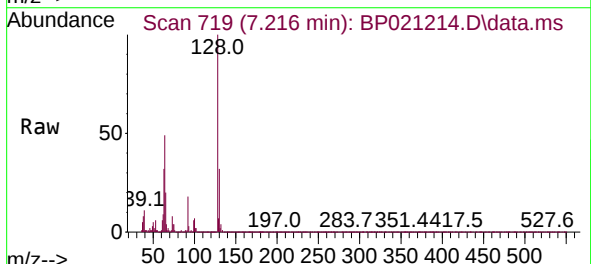
Tgt Ion: 93 Resp: 402160  
Ion Ratio Lower Upper  
93 100  
63 77.7 61.5 92.3  
95 32.3 25.1 37.7

Manual Integrations  
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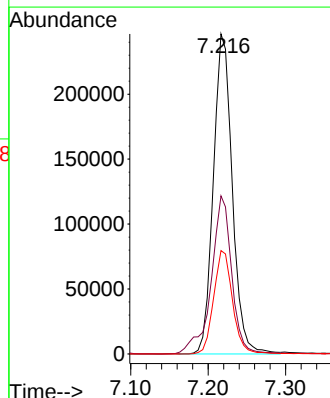
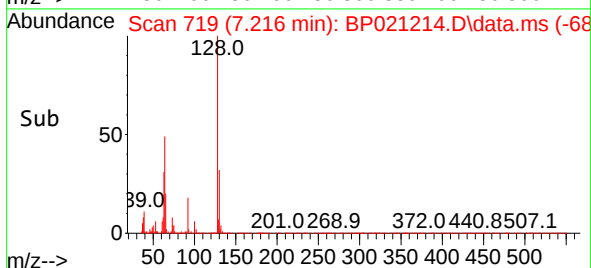
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

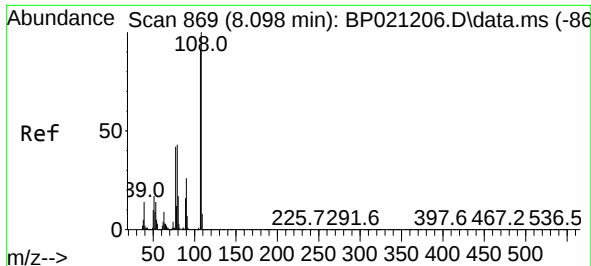


#12  
2-Chlorophenol  
Concen: 28.185 ng/ul  
RT: 7.216 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



Tgt Ion:128 Resp: 418402  
Ion Ratio Lower Upper  
128 100  
64 49.4 37.9 56.9  
130 32.3 25.6 38.4





#13

2-Methylphenol

Concen: 26.685 ng/ul

RT: 8.093 min Scan# 80

Delta R.T. -0.005 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:108 Resp: 375419

Ion Ratio Lower Upper

108 100

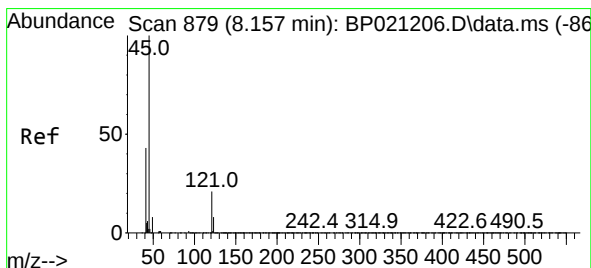
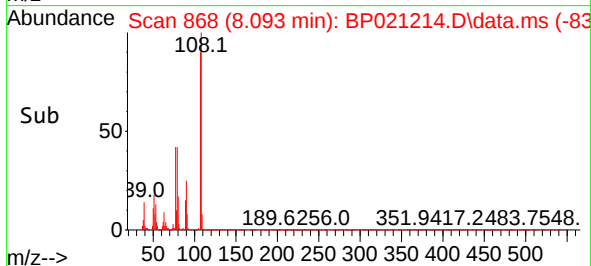
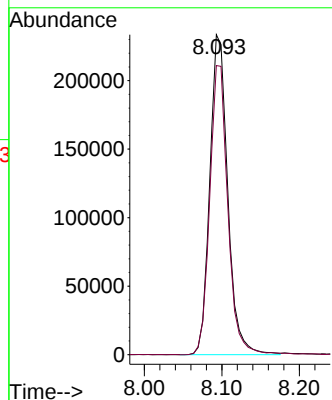
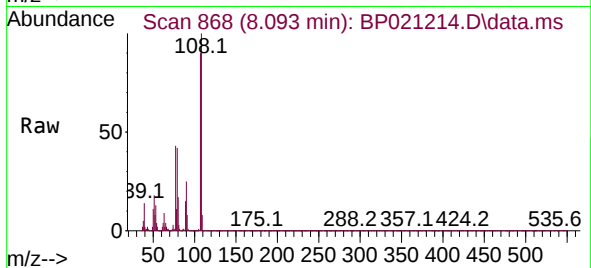
107 90.4 73.8 110.8

Manual Integrations

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Supervised By :mohammad ahmed 09/04/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.725 ng/ul m

RT: 8.152 min Scan# 878

Delta R.T. -0.005 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

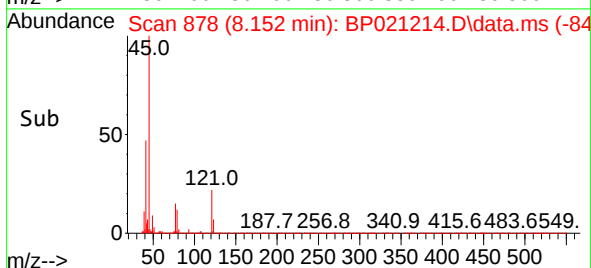
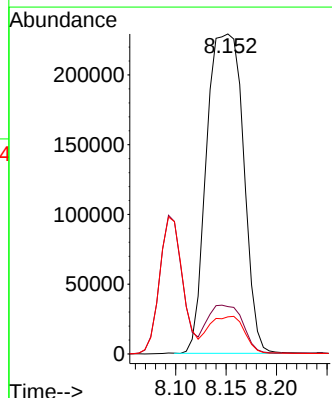
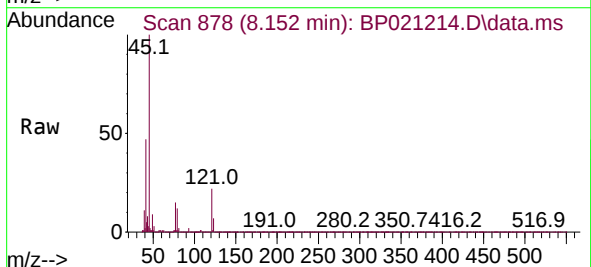
Tgt Ion: 45 Resp: 580226

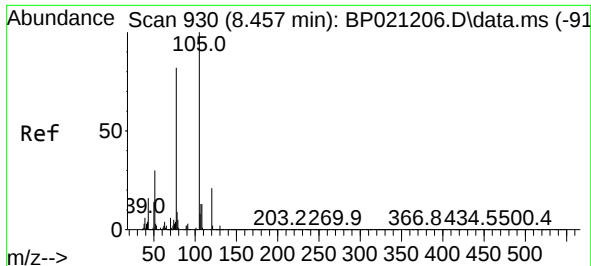
Ion Ratio Lower Upper

45 100

77 14.8 10.9 16.3

79 11.6 8.1 12.1





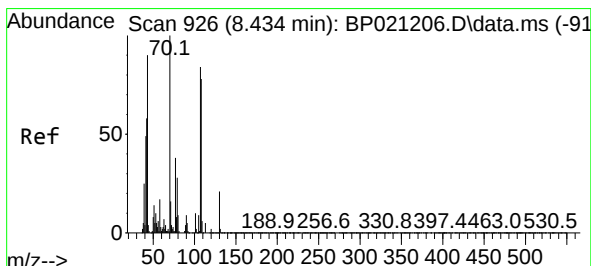
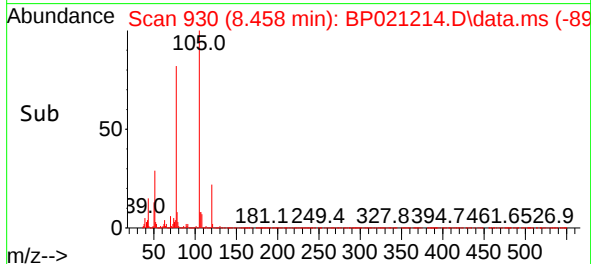
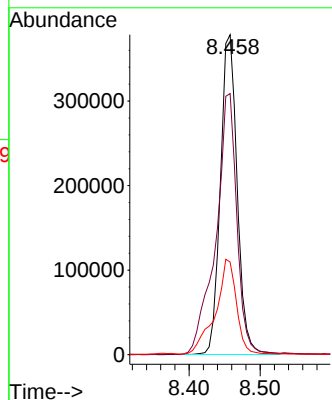
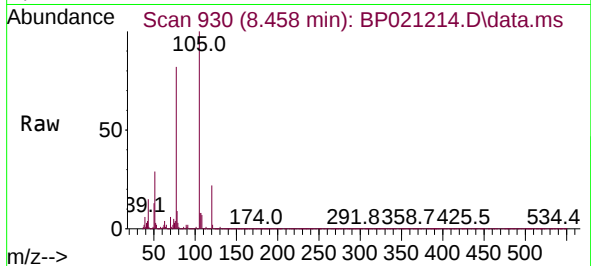
#16  
Acetophenone  
Concen: 26.858 ng/ul  
RT: 8.458 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:105 Resp: 618909  
Ion Ratio Lower Upper  
105 100  
77 81.6 61.8 92.8  
51 28.9 21.5 32.3

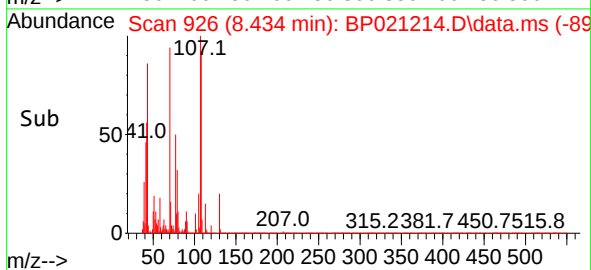
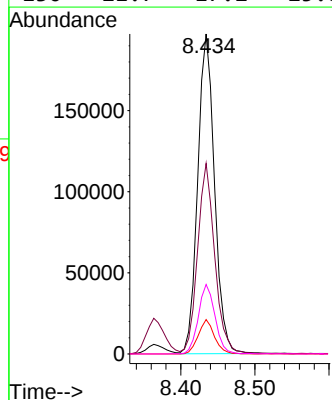
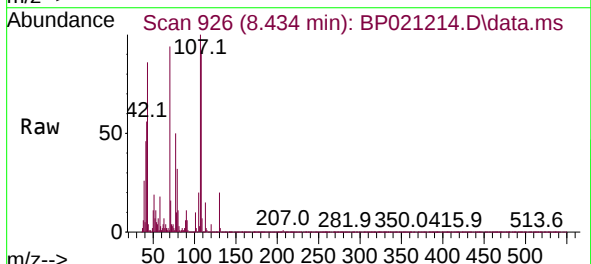
Manual Integrations  
APPROVED

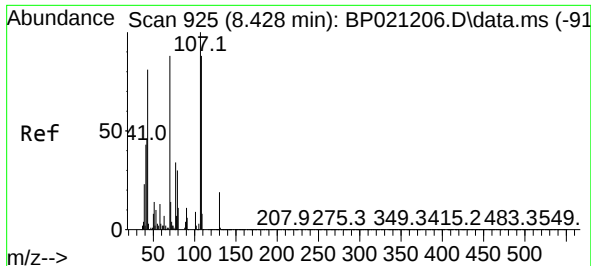
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 25.708 ng/ul  
RT: 8.434 min Scan# 926  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

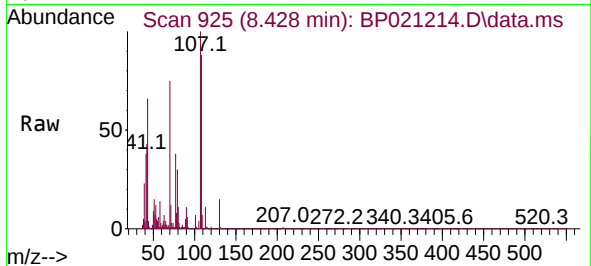
Tgt Ion: 70 Resp: 310412  
Ion Ratio Lower Upper  
70 100  
42 59.5 46.6 69.8  
101 10.8 7.4 11.0  
130 21.7 17.2 25.8





#18  
4-Methylphenol  
Concen: 27.178 ng/ul  
RT: 8.428 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

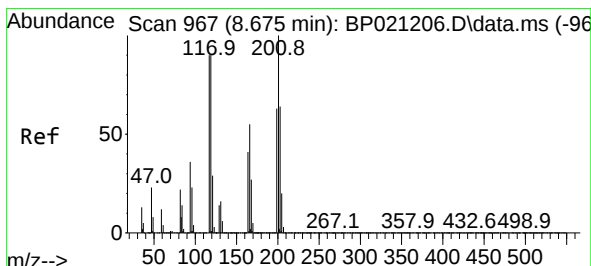
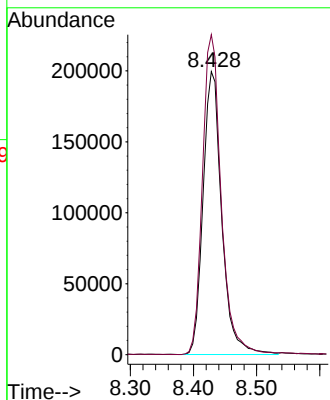
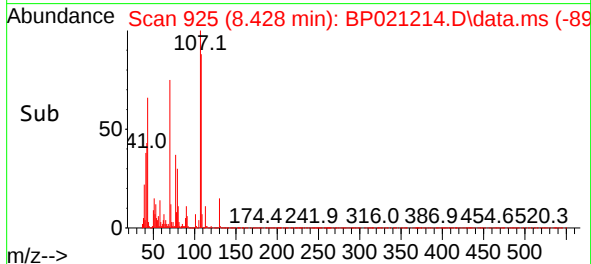
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:108 Resp: 409610  
Ion Ratio Lower Upper  
108 100  
107 113.1 87.8 131.8

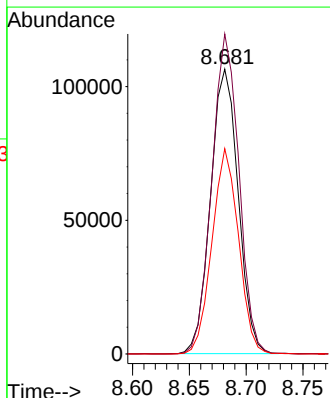
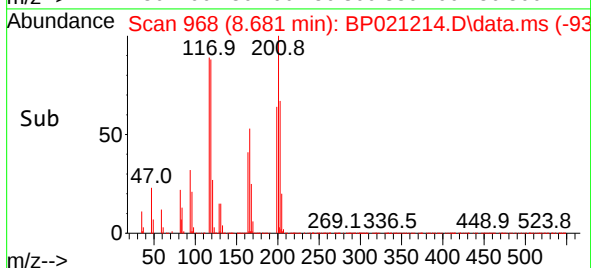
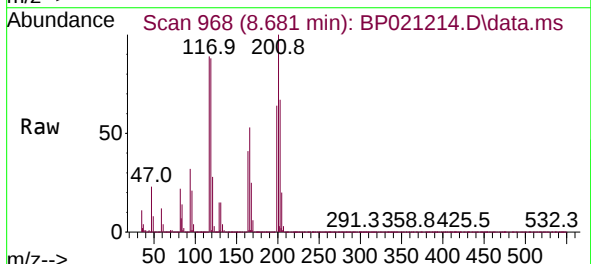
Manual Integrations  
APPROVED

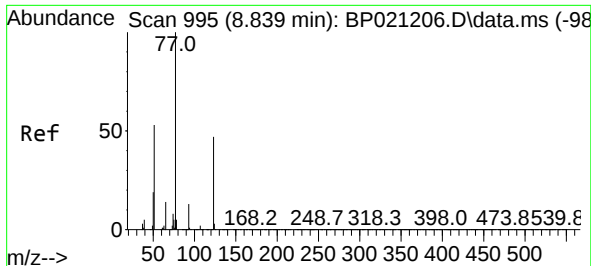
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#19  
Hexachloroethane  
Concen: 27.013 ng/ul  
RT: 8.681 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

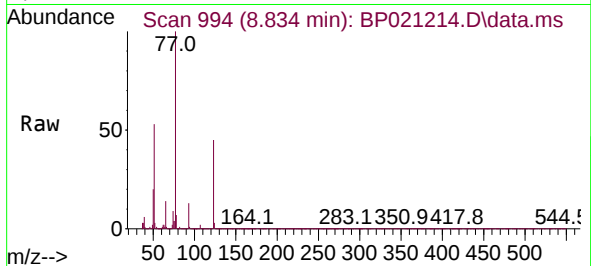
Tgt Ion:117 Resp: 180202  
Ion Ratio Lower Upper  
117 100  
201 112.4 88.2 132.2  
199 72.1 55.8 83.6





#22  
Nitrobenzene  
Concen: 29.346 ng/ul  
RT: 8.834 min Scan# 995  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

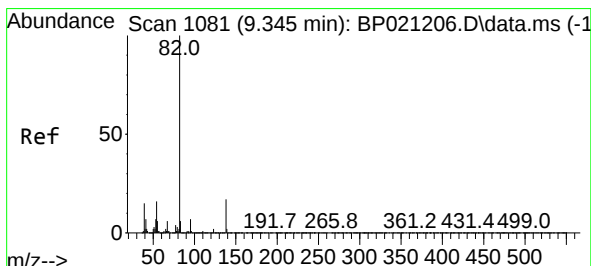
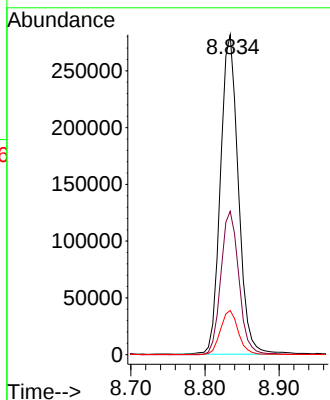
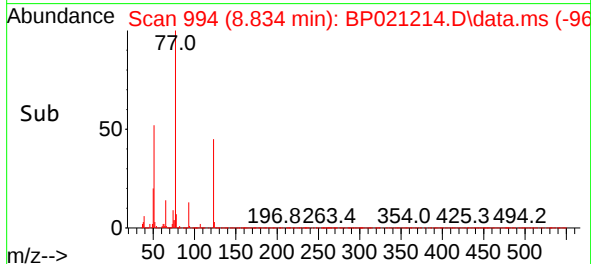
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



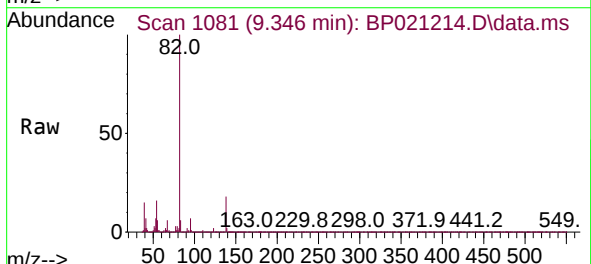
Tgt Ion: 77 Resp: 471733  
Ion Ratio Lower Upper  
77 100  
123 44.8 36.7 55.1  
65 13.8 11.1 16.7

Manual Integrations  
APPROVED

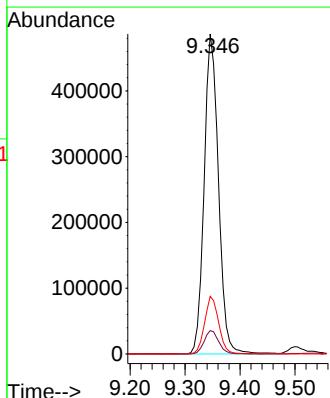
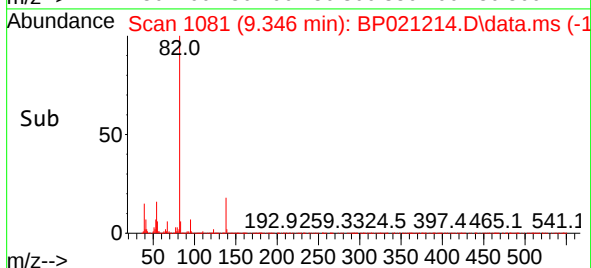
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

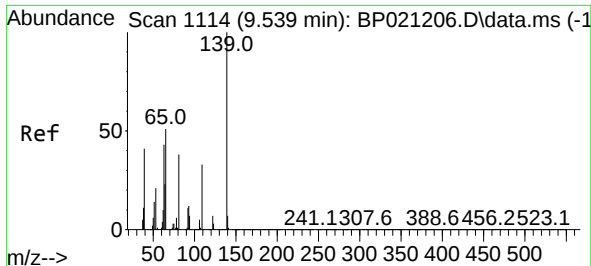


#23  
Isophorone  
Concen: 27.492 ng/ul  
RT: 9.346 min Scan# 1081  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



Tgt Ion: 82 Resp: 878576  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.1 9.1  
138 18.0 14.4 21.6





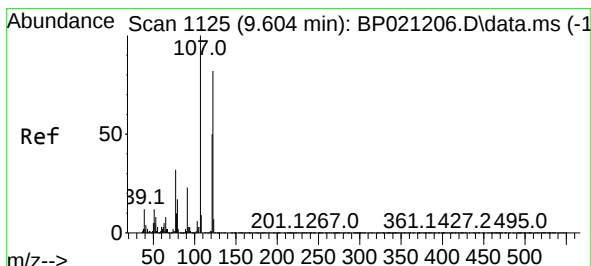
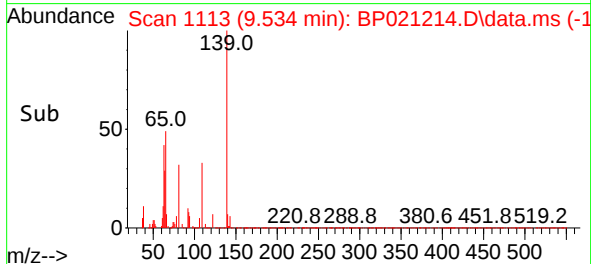
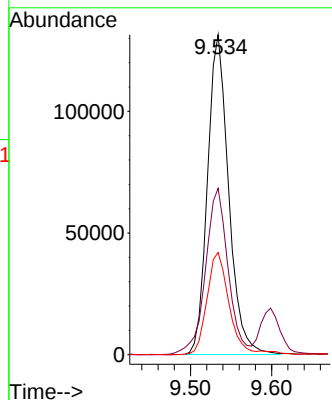
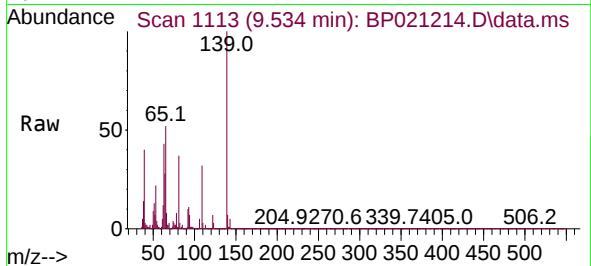
#25  
2-Nitrophenol  
Concen: 29.688 ng/ul  
RT: 9.534 min Scan# 1114  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:139 Resp: 237815  
Ion Ratio Lower Upper  
139 100  
65 52.0 42.9 64.3  
109 31.9 26.2 39.4

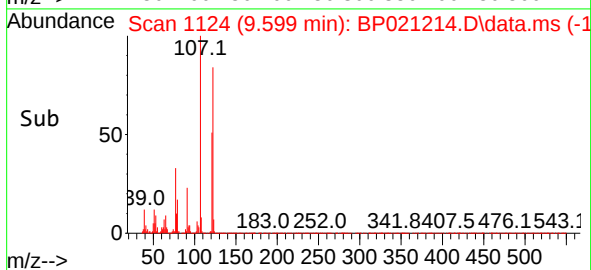
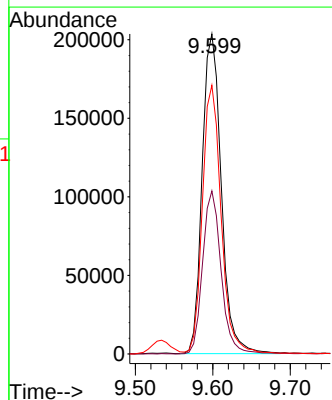
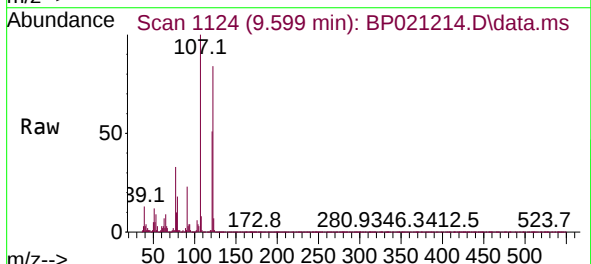
Manual Integrations  
APPROVED

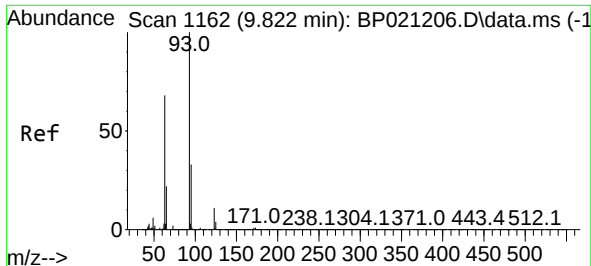
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#26  
2,4-Dimethylphenol  
Concen: 22.066 ng/ul  
RT: 9.599 min Scan# 1124  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

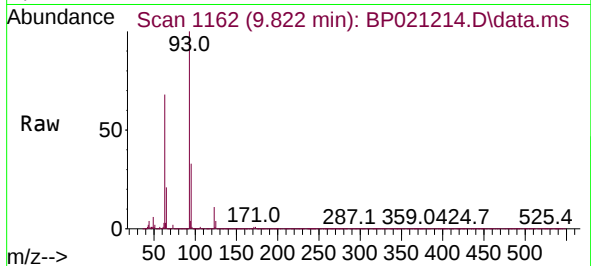
Tgt Ion:107 Resp: 348551  
Ion Ratio Lower Upper  
107 100  
121 51.0 39.6 59.4  
122 83.9 66.3 99.5





#27  
Bis(2-Chloroethoxy)methane  
Concen: 27.604 ng/ul  
RT: 9.822 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

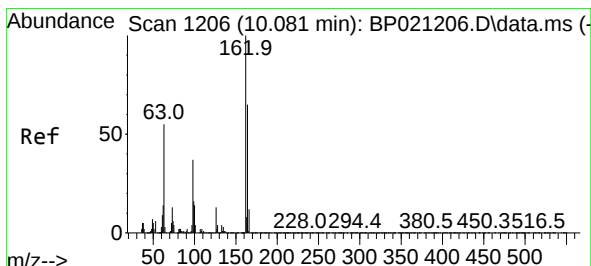
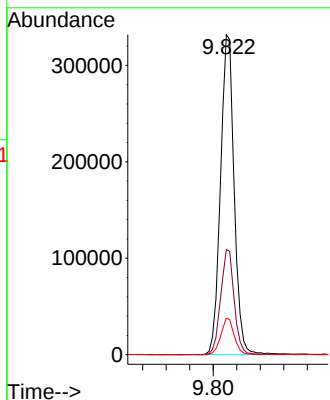
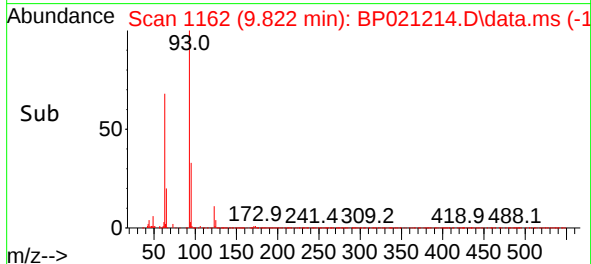
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



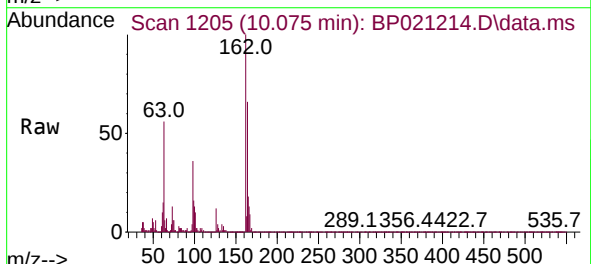
Tgt Ion: 93 Resp: 53620  
Ion Ratio Lower Upper  
93 100  
95 32.9 25.5 38.3  
123 11.4 9.0 13.4

Manual Integrations  
APPROVED

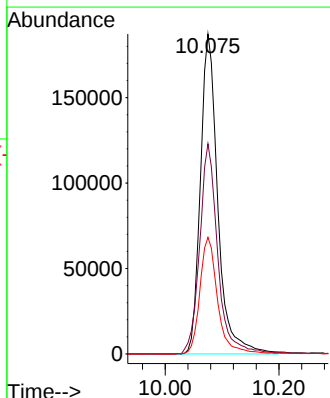
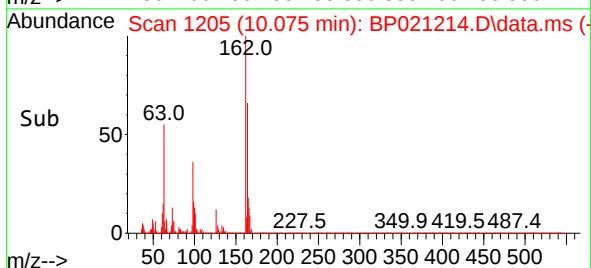
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

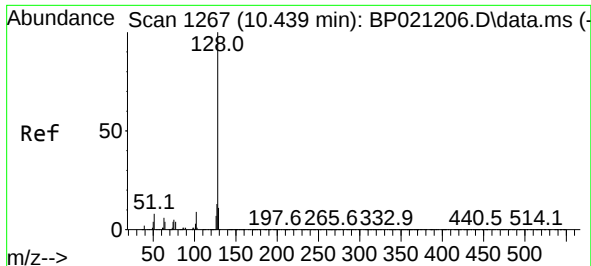


#29  
2,4-Dichlorophenol  
Concen: 29.121 ng/ul  
RT: 10.075 min Scan# 1205  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



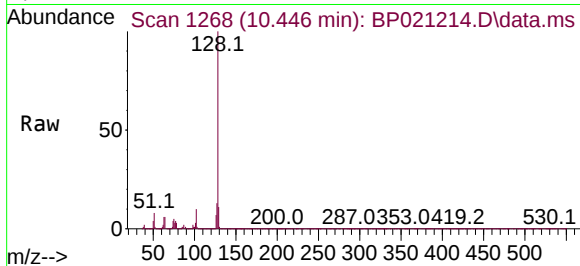
Tgt Ion:162 Resp: 398594  
Ion Ratio Lower Upper  
162 100  
164 65.7 53.3 79.9  
98 36.4 28.7 43.1





#30  
Naphthalene  
Concen: 28.680 ng/ul  
RT: 10.446 min Scan# 1267  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

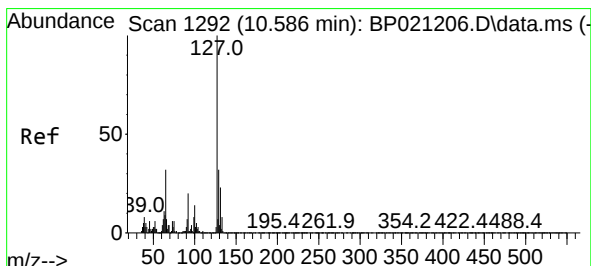
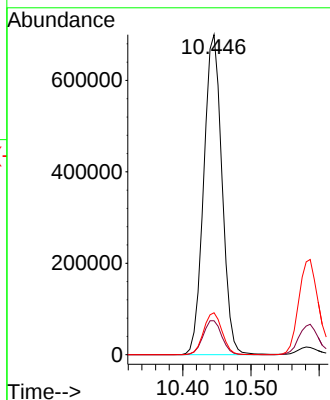
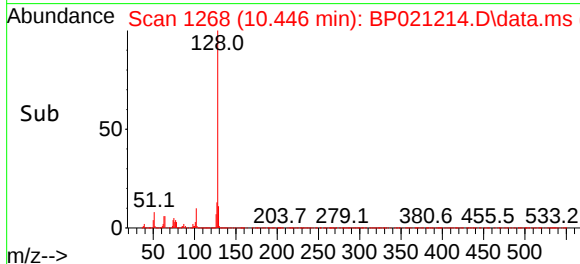
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:128 Resp: 1303372  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 13.0  
127 13.1 10.8 16.2

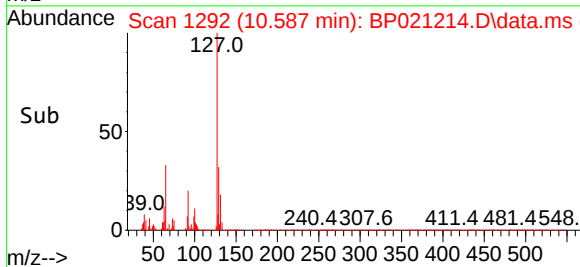
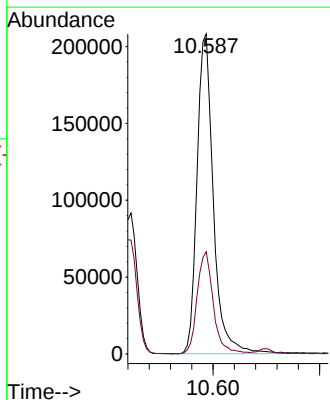
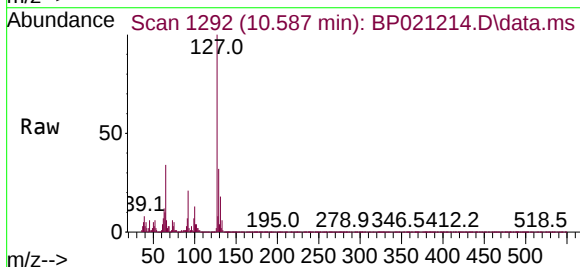
Manual Integrations  
APPROVED

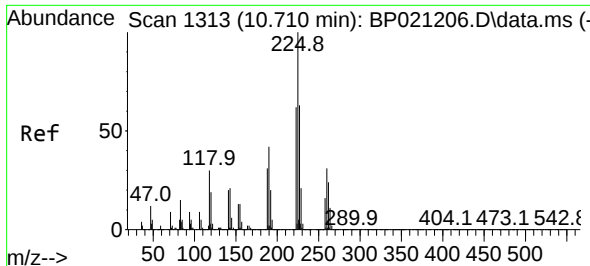
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#32  
4-Chloroaniline  
Concen: 25.147 ng/ul  
RT: 10.587 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

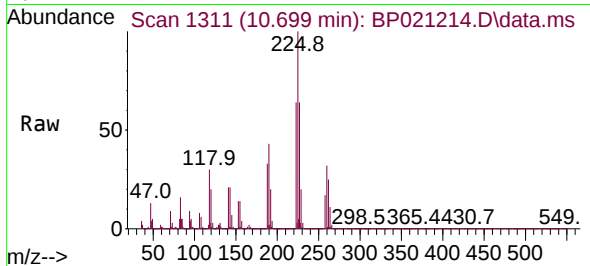
Tgt Ion:127 Resp: 441812  
Ion Ratio Lower Upper  
127 100  
129 32.0 26.1 39.1





#33  
Hexachlorobutadiene  
Concen: 28.194 ng/ul  
RT: 10.699 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

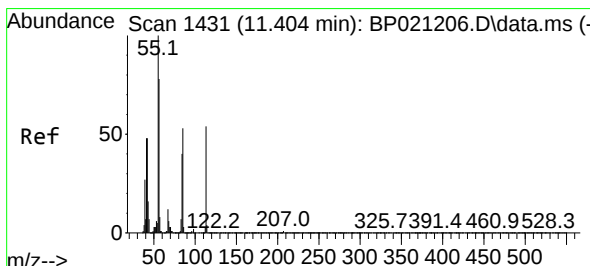
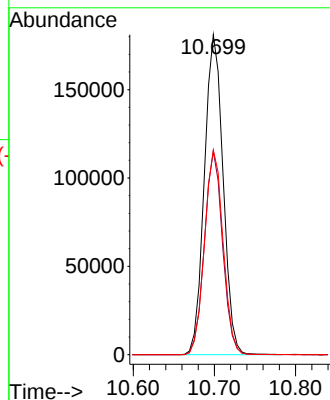
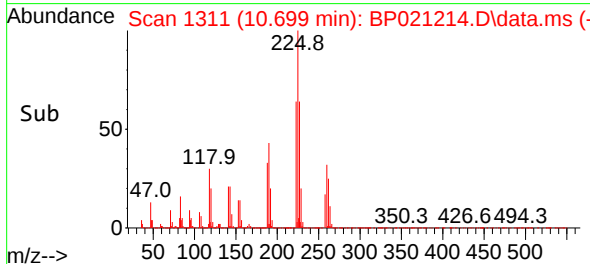
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:225 Resp: 28935  
Ion Ratio Lower Upper  
225 100  
223 63.6 50.2 75.2  
227 64.0 50.6 75.8

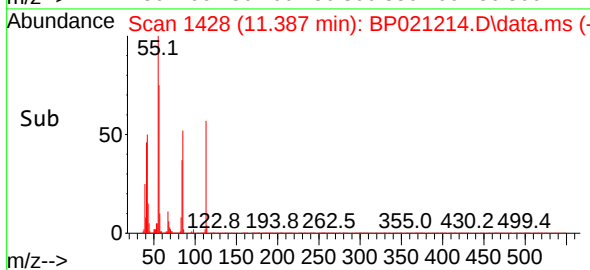
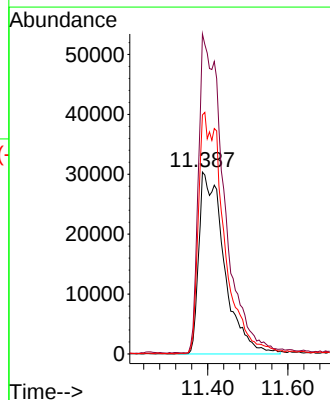
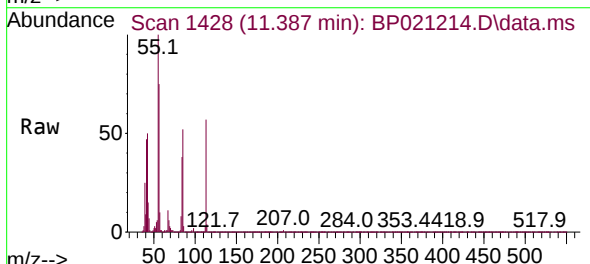
Manual Integrations  
APPROVED

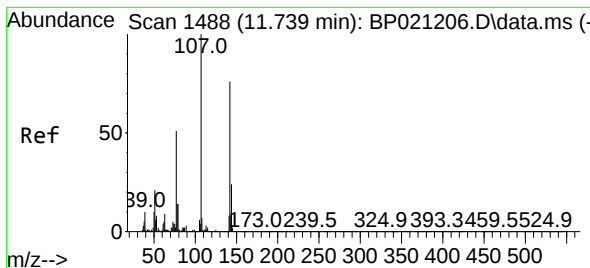
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#34  
Caprolactam  
Concen: 31.594 ng/ul m  
RT: 11.387 min Scan# 1428  
Delta R.T. -0.017 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

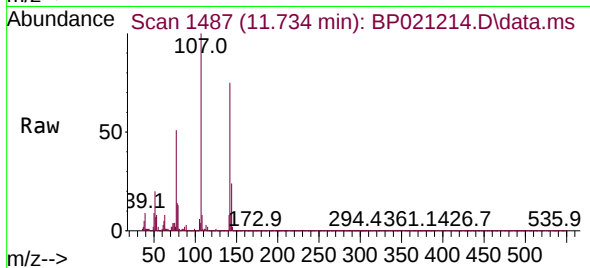
Tgt Ion:113 Resp: 133213  
Ion Ratio Lower Upper  
113 100  
55 175.9 140.2 210.4  
56 131.4 105.5 158.3





#35  
4-Chloro-3-methylphenol  
Concen: 29.637 ng/ul  
RT: 11.734 min Scan# 1487  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

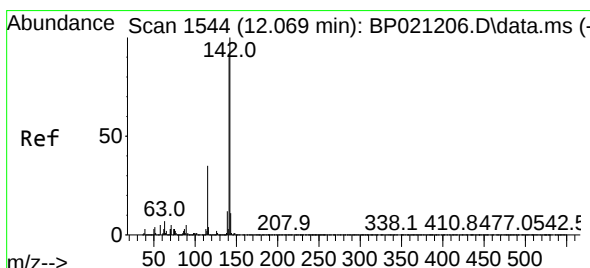
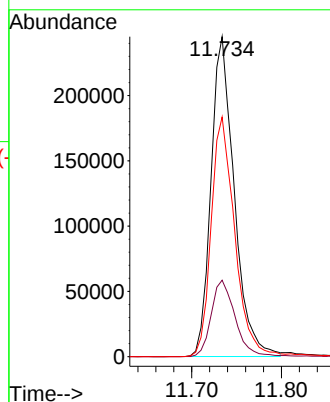
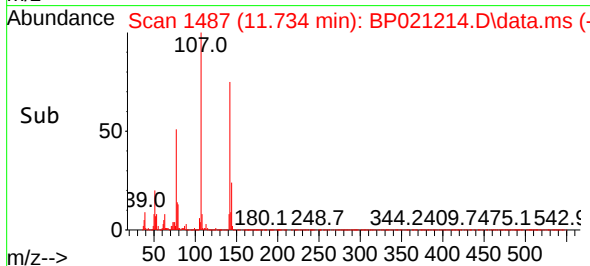
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:107 Resp: 440930  
Ion Ratio Lower Upper  
107 100  
144 23.9 19.3 28.9  
142 74.9 60.7 91.1

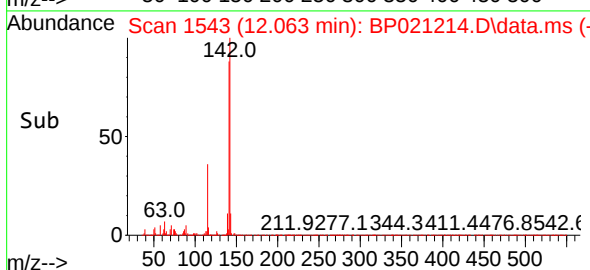
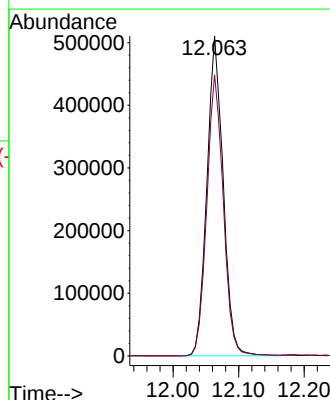
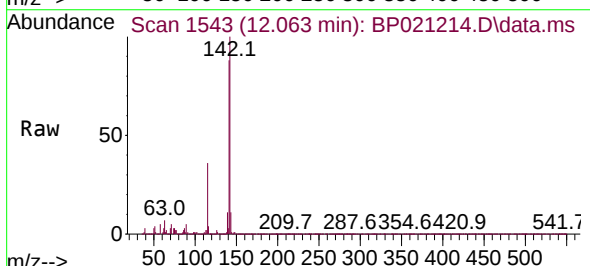
Manual Integrations  
APPROVED

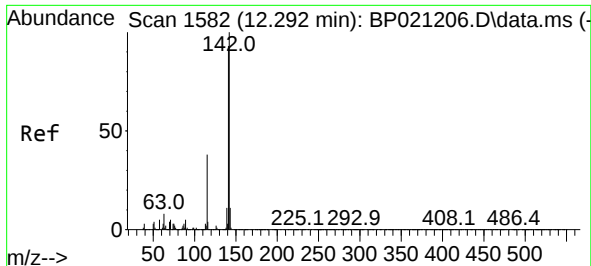
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#36  
2-Methylnaphthalene  
Concen: 28.239 ng/ul  
RT: 12.063 min Scan# 1543  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:142 Resp: 880929  
Ion Ratio Lower Upper  
142 100  
141 87.8 72.6 108.8





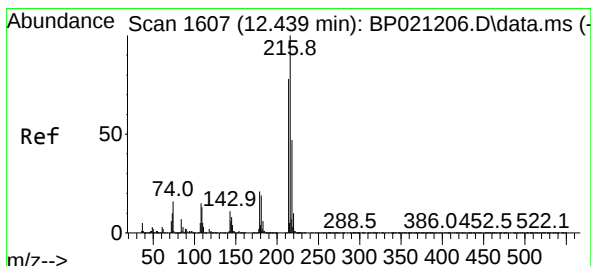
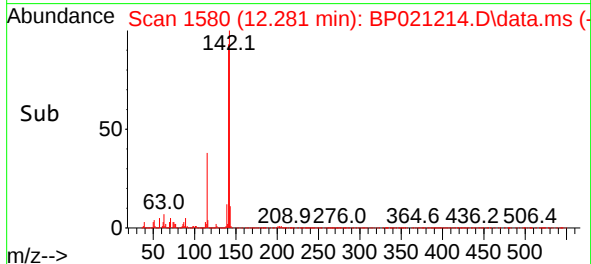
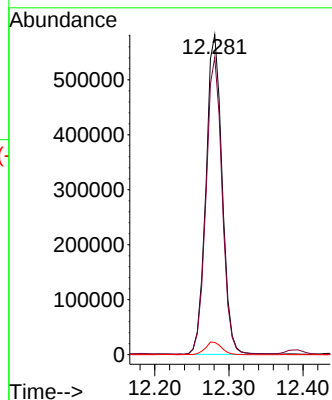
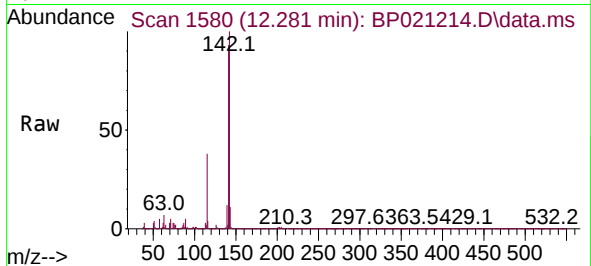
#37  
1-Methylnaphthalene  
Concen: 27.466 ng/ul  
RT: 12.281 min Scan# 1582  
Delta R.T. -0.011 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:142 Resp: 88122  
Ion Ratio Lower Upper  
142 100  
141 92.9 75.0 112.6  
116 3.9 3.2 4.8

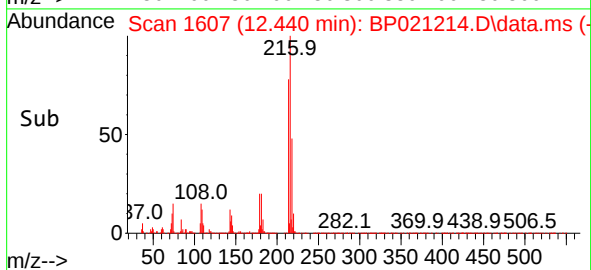
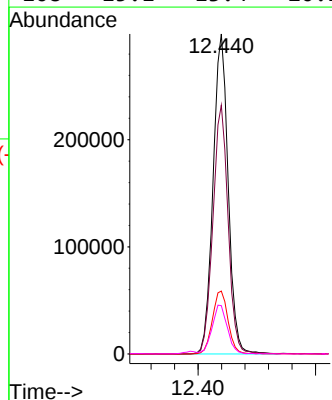
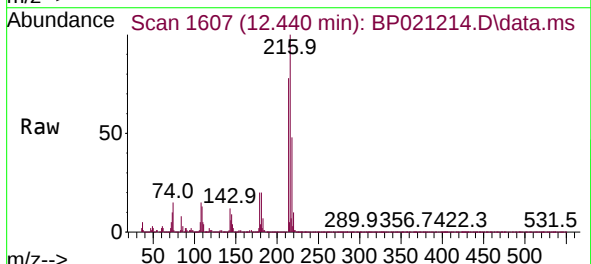
Manual Integrations  
APPROVED

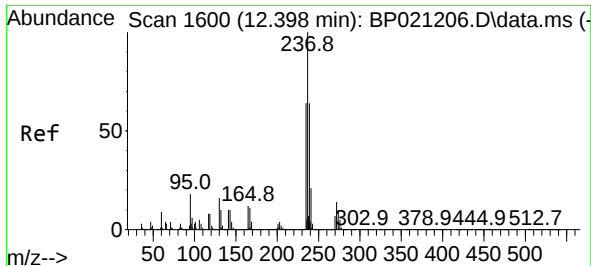
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 29.176 ng/ul  
RT: 12.440 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

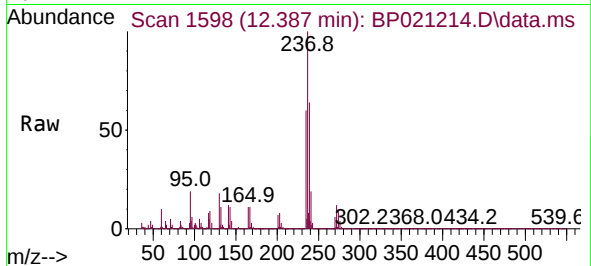
Tgt Ion:216 Resp: 531860  
Ion Ratio Lower Upper  
216 100  
214 77.7 64.2 96.4  
179 19.6 16.6 24.8  
108 15.1 13.4 20.2





#40  
Hexachlorocyclopentadiene  
Concen: 13.252 ng/ul  
RT: 12.387 min Scan# 1598  
Delta R.T. -0.011 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

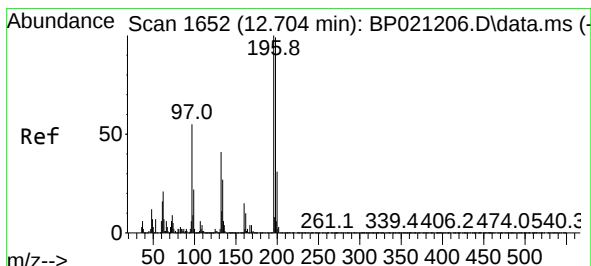
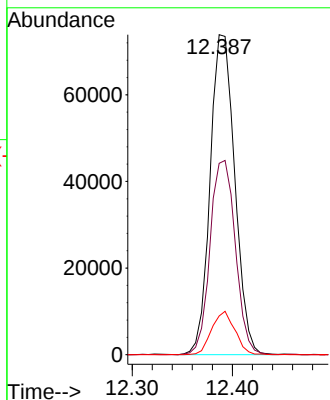
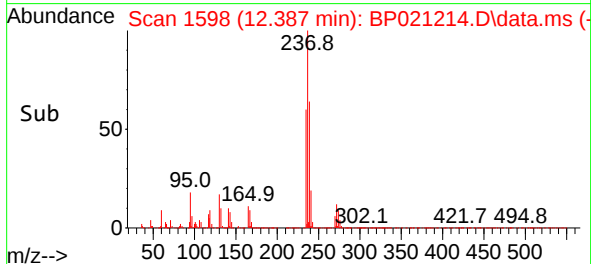
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



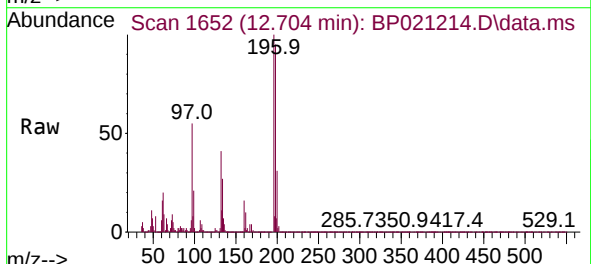
Tgt Ion:237 Resp: 126372  
Ion Ratio Lower Upper  
237 100  
235 59.8 49.7 74.5  
272 12.1 10.2 15.2

Manual Integrations  
APPROVED

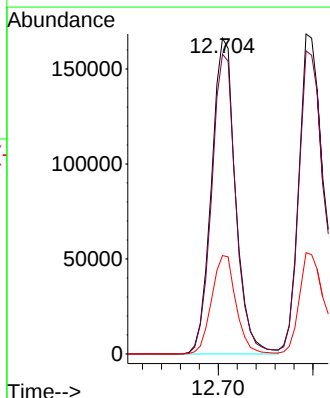
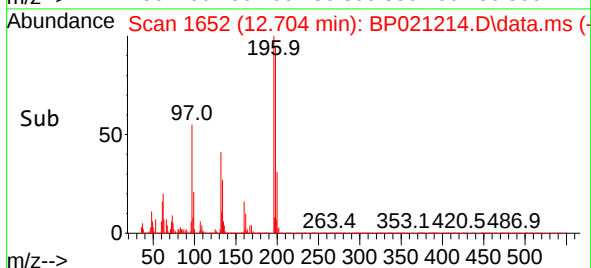
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

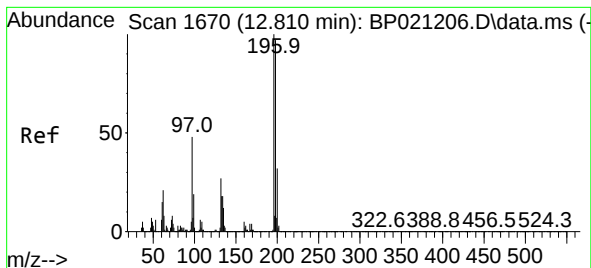


#41  
2,4,6-Trichlorophenol  
Concen: 25.482 ng/ul  
RT: 12.704 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



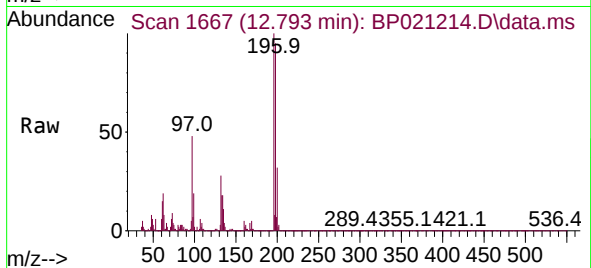
Tgt Ion:196 Resp: 293528  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.6 115.0  
200 31.2 26.0 39.0





#42  
2,4,5-Trichlorophenol  
Concen: 27.059 ng/ul  
RT: 12.793 min Scan# 1667  
Delta R.T. -0.017 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

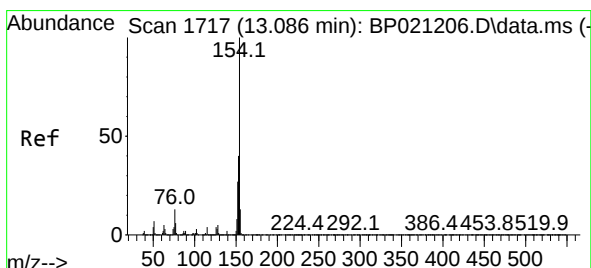
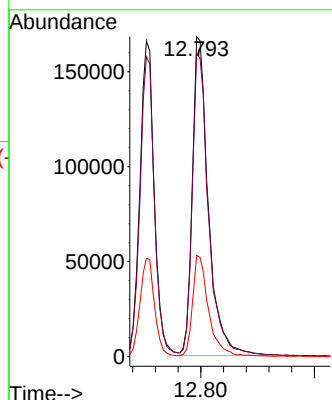
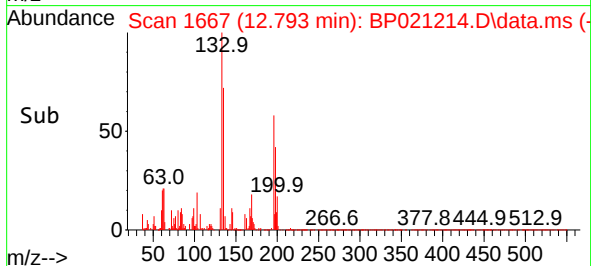
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:196 Resp: 32977  
Ion Ratio Lower Upper  
196 100  
198 94.7 77.1 115.7  
200 31.6 25.3 37.9

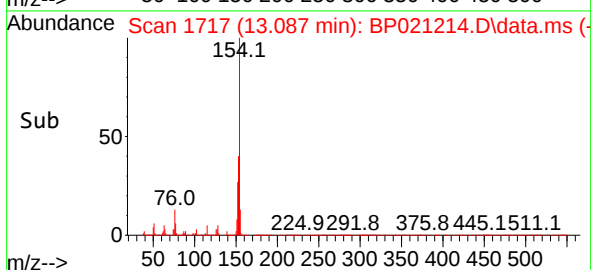
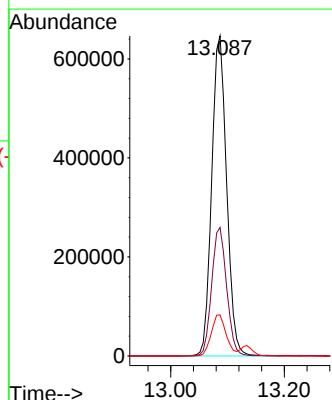
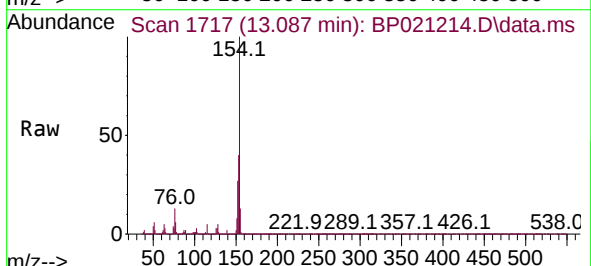
Manual Integrations  
APPROVED

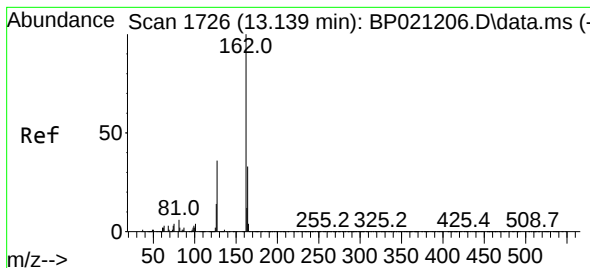
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#43  
1,1'-Biphenyl  
Concen: 28.650 ng/ul  
RT: 13.087 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:154 Resp: 1175300  
Ion Ratio Lower Upper  
154 100  
153 40.1 32.7 49.1  
76 12.8 9.4 14.2





#44

2-Chloronaphthalene

Concen: 28.828 ng/ul

RT: 13.134 min Scan# 1726

Delta R.T. -0.005 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

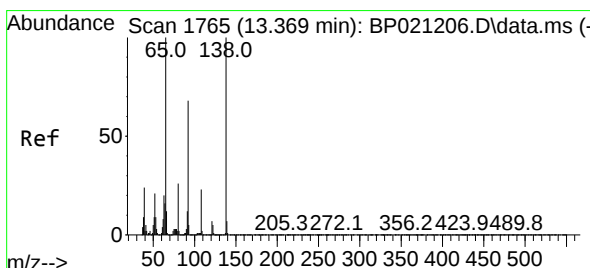
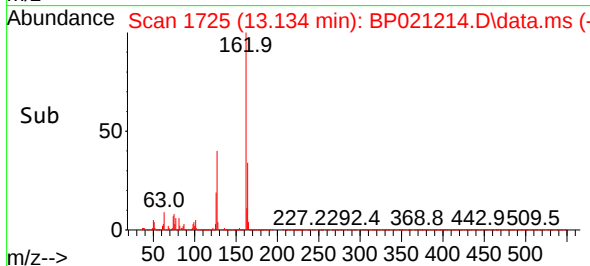
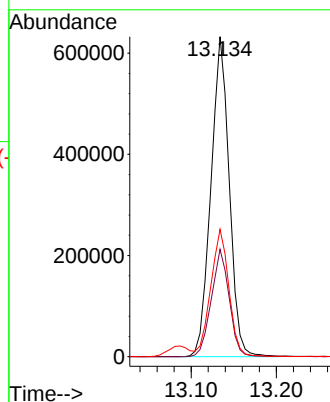
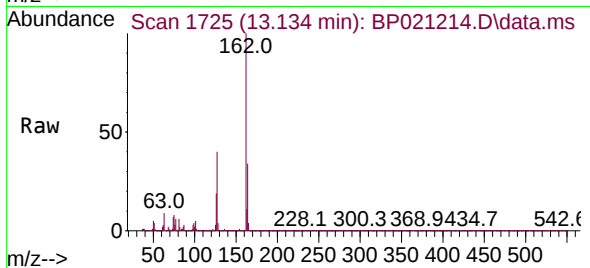
|             |             |
|-------------|-------------|
| Tgt Ion:162 | Resp: 94408 |
| Ion Ratio   | Lower Upper |
| 162 100     |             |
| 164 33.6    | 26.3 39.5   |
| 127 39.8    | 31.8 47.8   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#45

2-Nitroaniline

Concen: 32.146 ng/ul

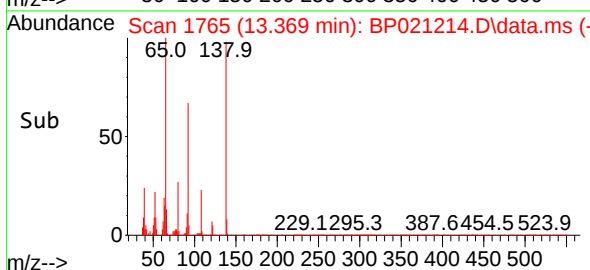
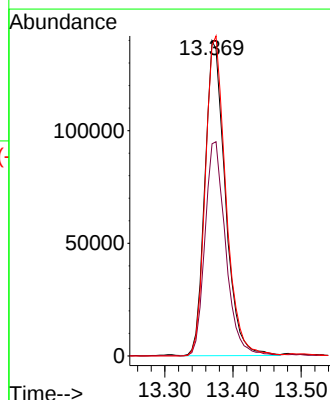
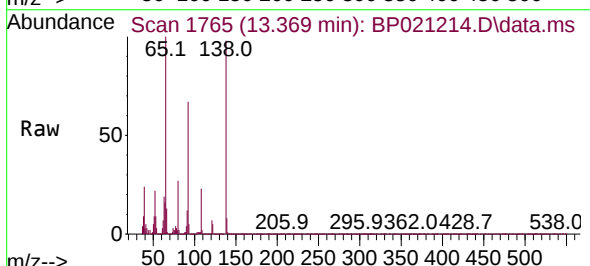
RT: 13.369 min Scan# 1765

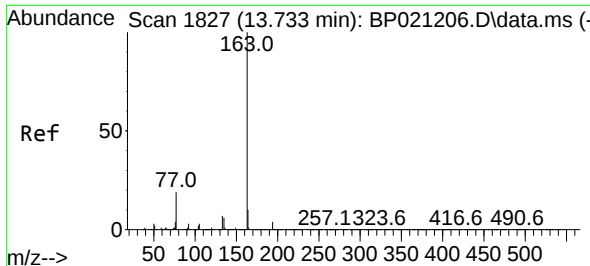
Delta R.T. 0.000 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

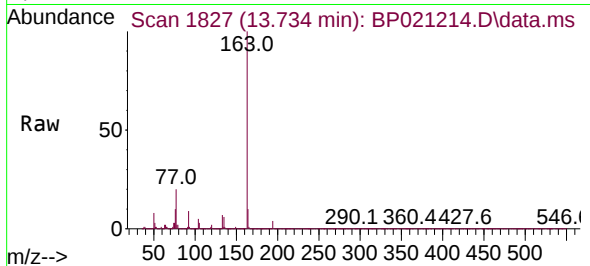
|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 291130 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 92 67.3     | 56.7 85.1    |
| 138 98.4    | 85.6 128.4   |





#47  
Dimethylphthalate  
Concen: 28.985 ng/ul  
RT: 13.734 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

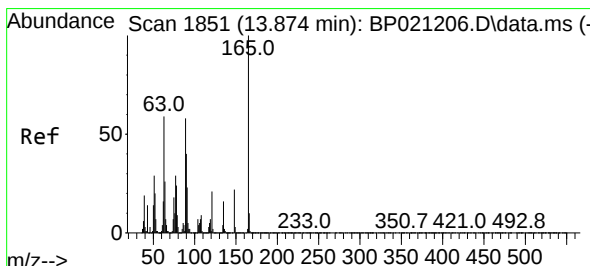
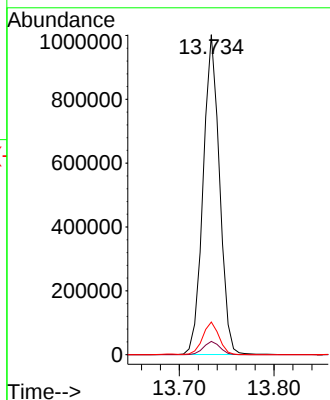
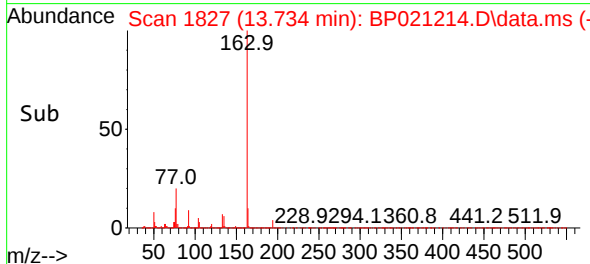
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



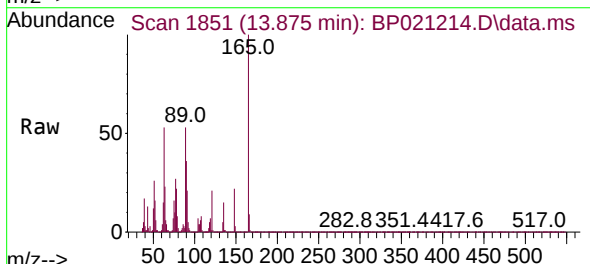
Tgt Ion:163 Resp: 120009  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.2 8.1 12.1

Manual Integrations  
APPROVED

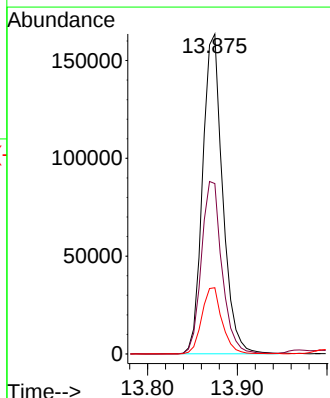
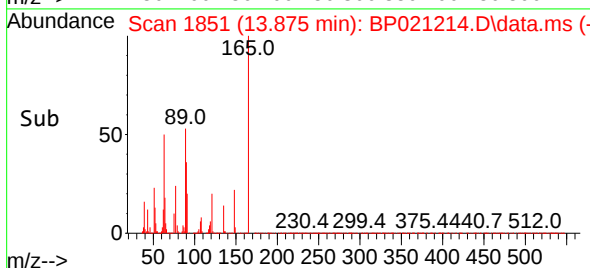
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024

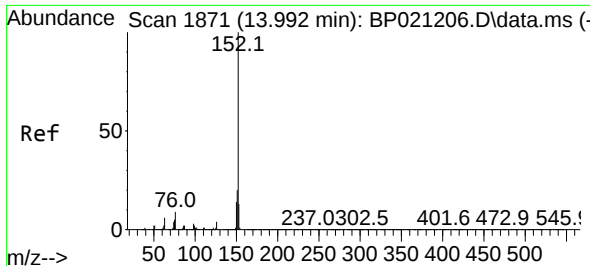


#48  
2,6-Dinitrotoluene  
Concen: 30.570 ng/ul  
RT: 13.875 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50



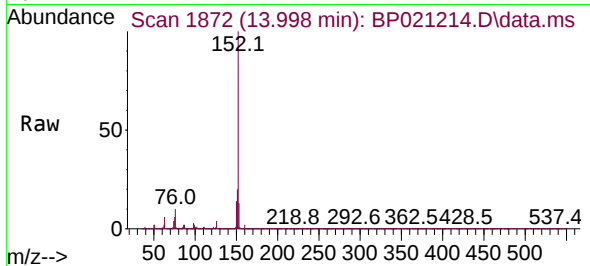
Tgt Ion:165 Resp: 253051  
Ion Ratio Lower Upper  
165 100  
89 53.2 44.7 67.1  
121 20.7 16.5 24.7





#50  
Acenaphthylene  
Concen: 28.450 ng/ul  
RT: 13.998 min Scan# 1871  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

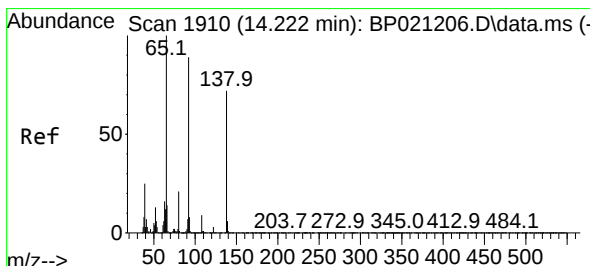
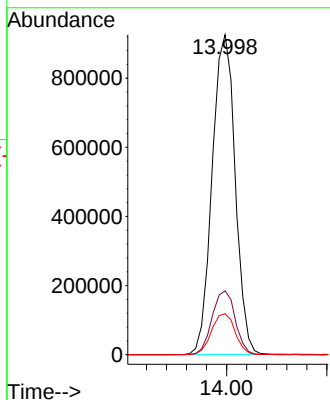
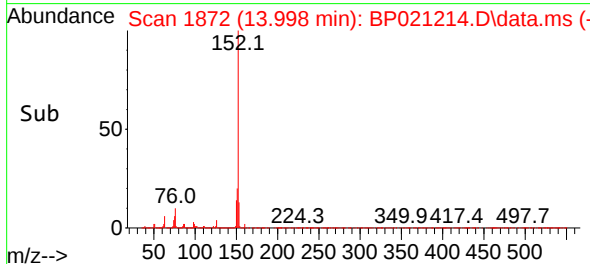
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:152 Resp: 147588  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.2  
153 12.8 10.3 15.5

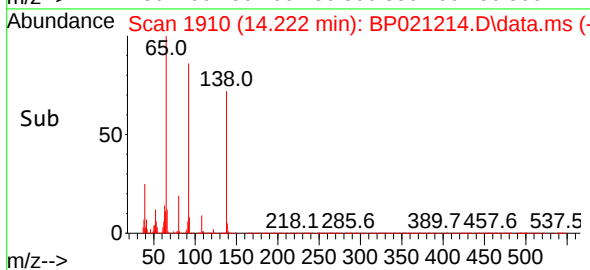
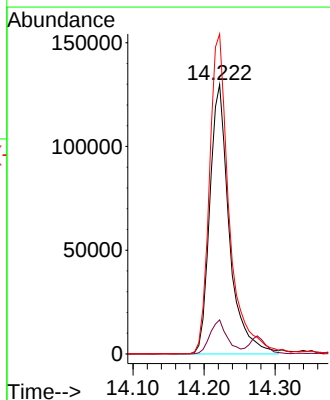
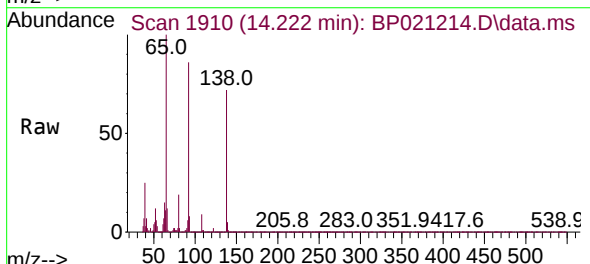
Manual Integrations  
APPROVED

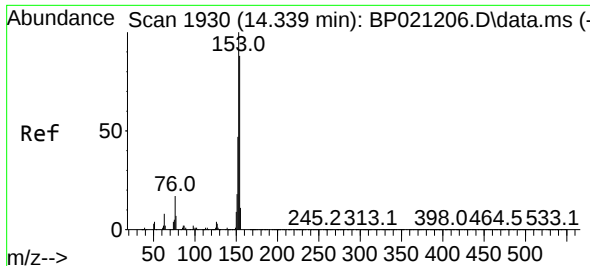
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#51  
3-Nitroaniline  
Concen: 34.353 ng/ul  
RT: 14.222 min Scan# 1910  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

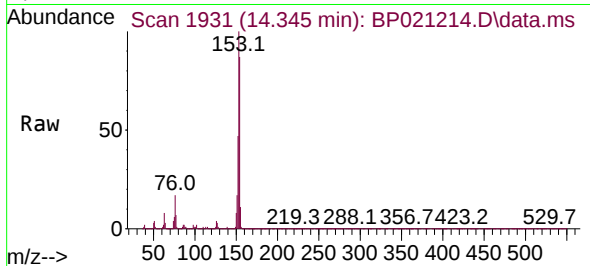
Tgt Ion:138 Resp: 247455  
Ion Ratio Lower Upper  
138 100  
108 12.6 9.8 14.8  
92 118.8 98.0 147.0





#52  
Acenaphthene  
Concen: 28.240 ng/ul  
RT: 14.345 min Scan# 1930  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

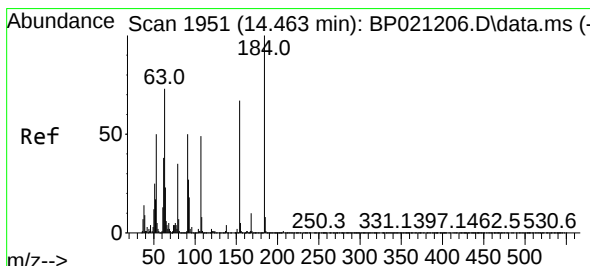
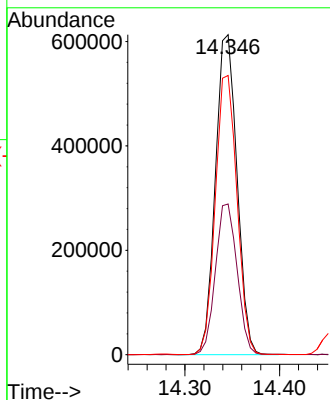
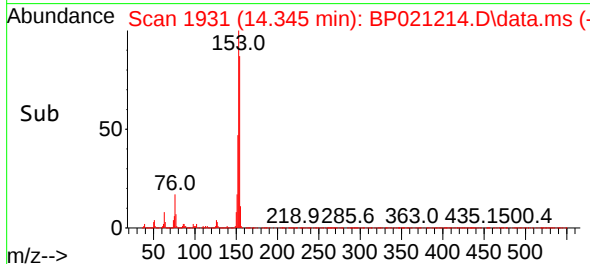
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:153 Resp: 972358  
Ion Ratio Lower Upper  
153 100  
152 47.1 37.8 56.6  
154 87.3 71.8 107.6

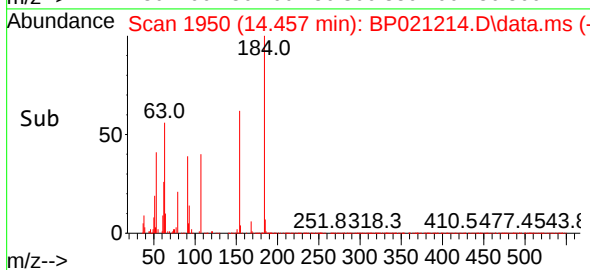
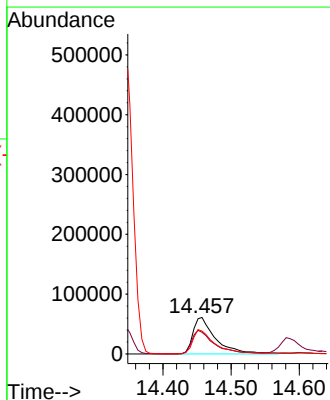
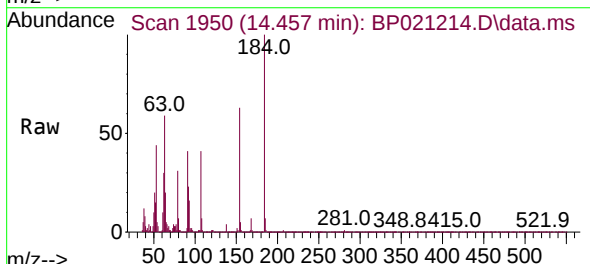
Manual Integrations  
APPROVED

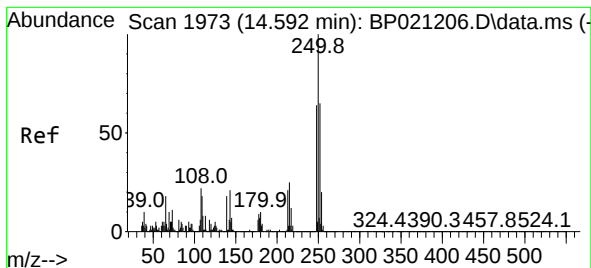
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#53  
2,4-Dinitrophenol  
Concen: 32.282 ng/ul  
RT: 14.457 min Scan# 1950  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

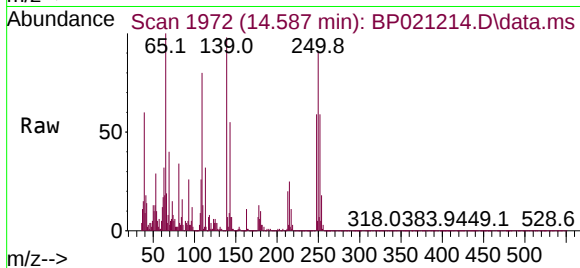
Tgt Ion:184 Resp: 140332  
Ion Ratio Lower Upper  
184 100  
63 58.9 50.3 75.5  
154 62.7 53.0 79.6





#55  
4-Nitrophenol  
Concen: 36.342 ng/ul  
RT: 14.587 min Scan# 1972  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

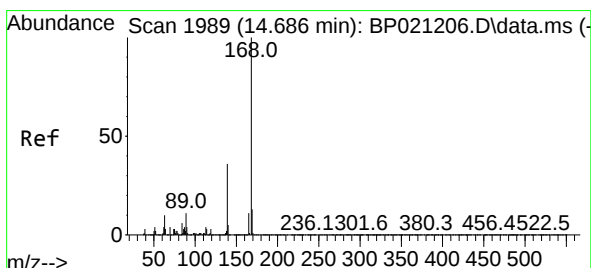
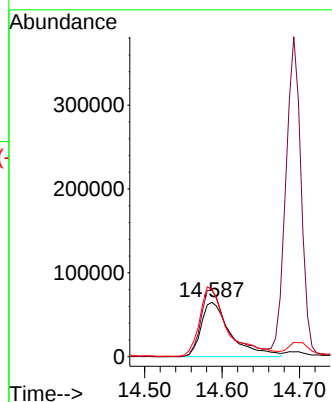
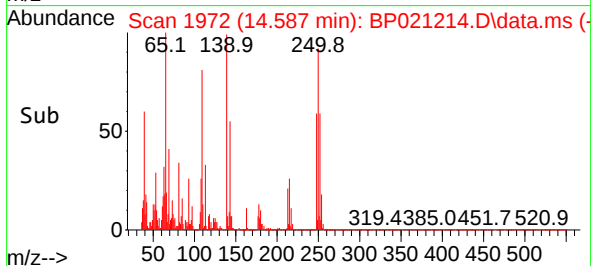
Instrument : BNA\_P  
ClientSampleId : SLCS189



Tgt Ion:109 Resp: 17163  
Ion Ratio Lower Upper  
109 100  
139 122.1 98.0 147.0  
65 124.5 106.0 159.0

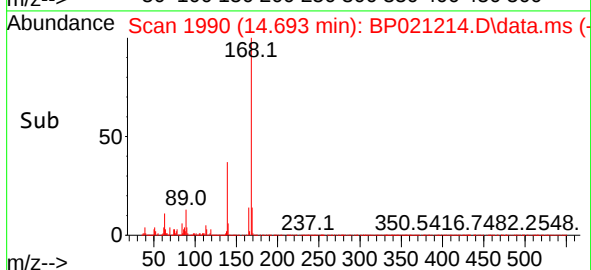
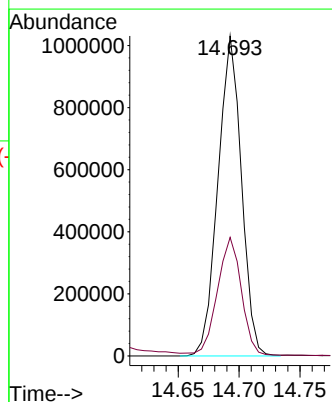
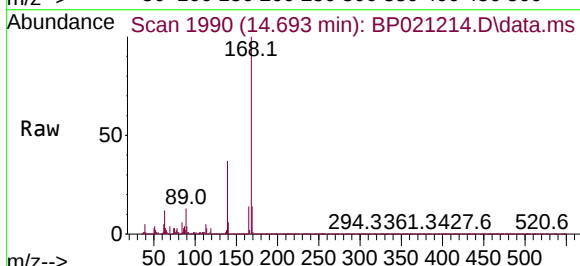
Manual Integrations  
APPROVED

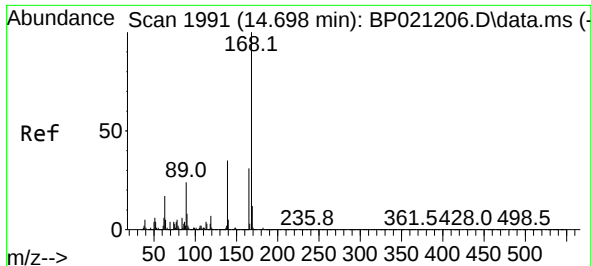
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#56  
Dibenzofuran  
Concen: 29.281 ng/ul  
RT: 14.693 min Scan# 1990  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:168 Resp: 1380610  
Ion Ratio Lower Upper  
168 100  
139 37.0 31.1 46.7





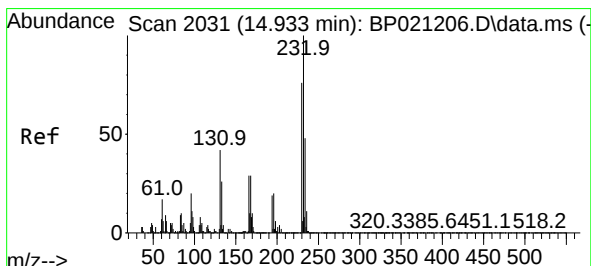
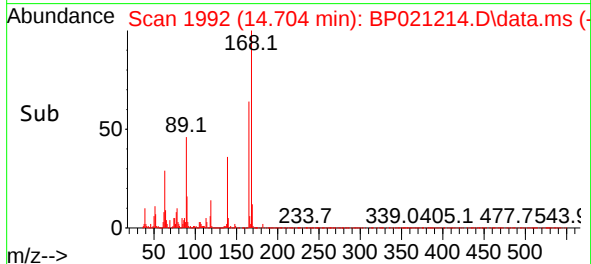
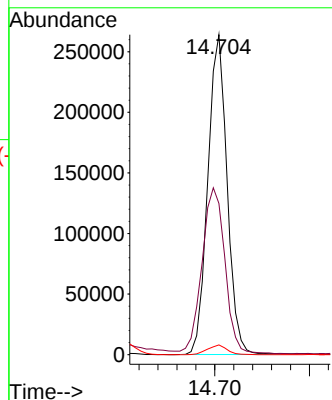
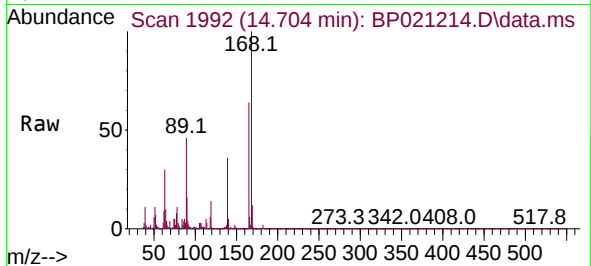
#57  
2,4-Dinitrotoluene  
Concen: 32.902 ng/ul  
RT: 14.704 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:165 Resp: 373872  
Ion Ratio Lower Upper  
165 100  
63 47.2 41.0 61.4  
182 3.1 2.2 3.4

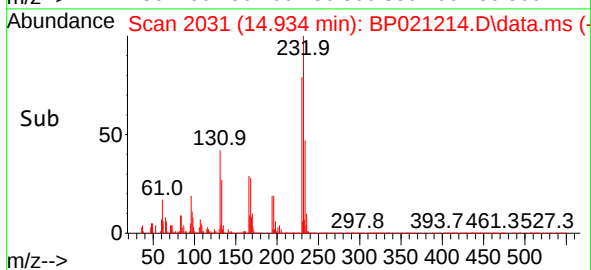
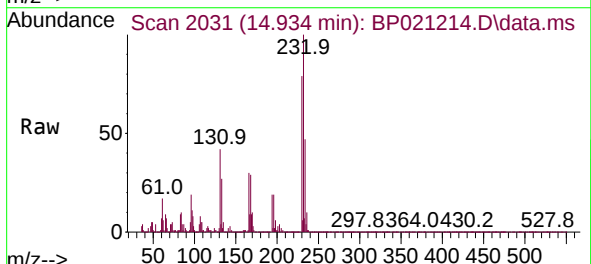
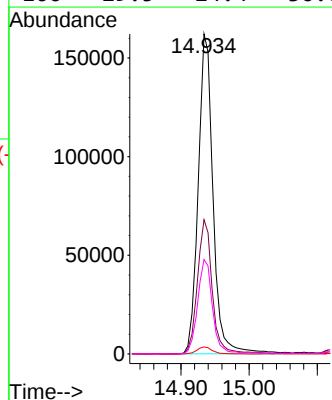
Manual Integrations  
APPROVED

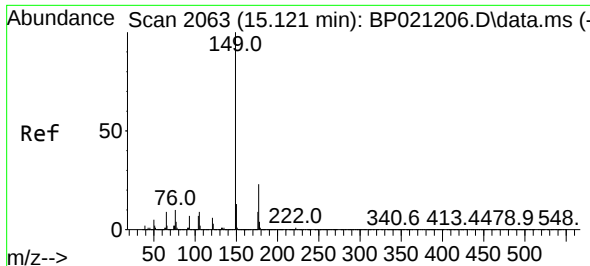
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 23.523 ng/ul  
RT: 14.934 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

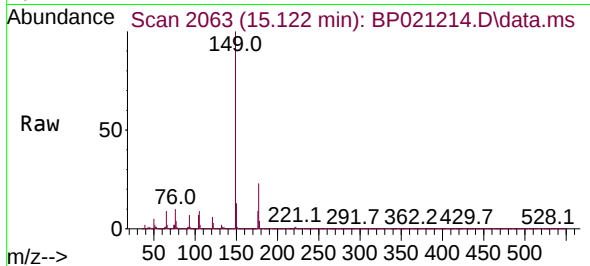
Tgt Ion:232 Resp: 245492  
Ion Ratio Lower Upper  
232 100  
131 41.9 34.4 51.6  
130 2.2 2.0 3.0  
166 29.5 24.4 36.6





#59  
Diethylphthalate  
Concen: 29.413 ng/ul  
RT: 15.122 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

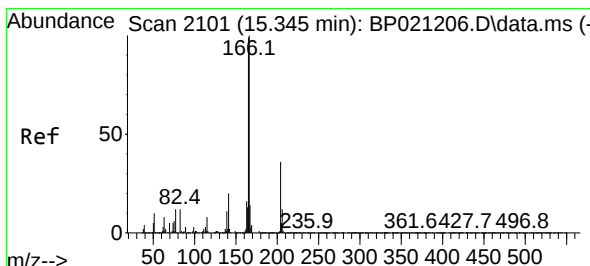
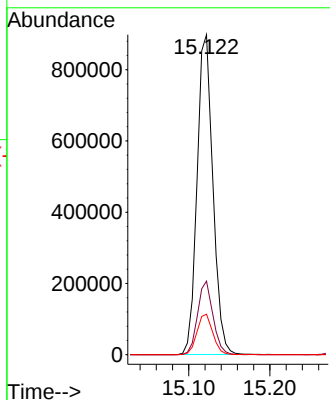
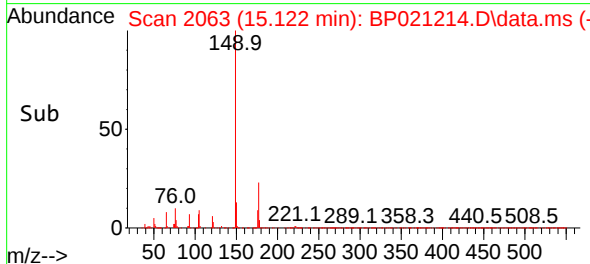
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:149 Resp: 1217040  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.7 26.5  
150 12.7 10.2 15.2

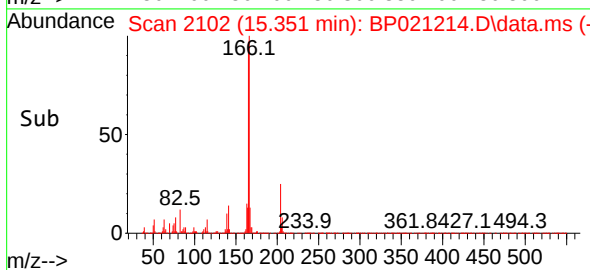
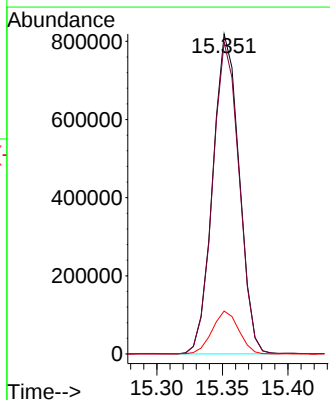
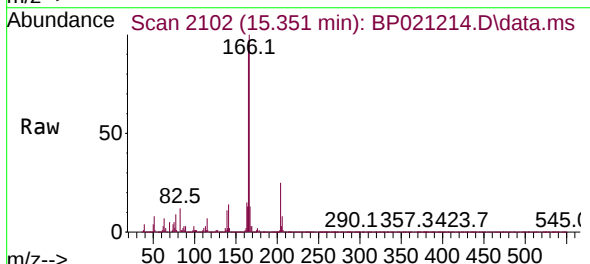
Manual Integrations  
APPROVED

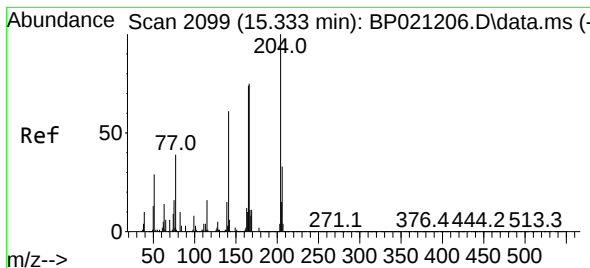
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#61  
Fluorene  
Concen: 29.794 ng/ul  
RT: 15.351 min Scan# 2102  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:166 Resp: 1146373  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.1 117.1  
167 13.4 10.9 16.3





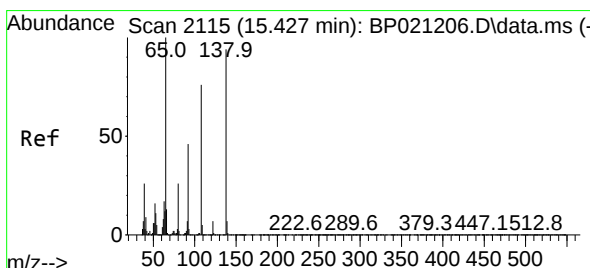
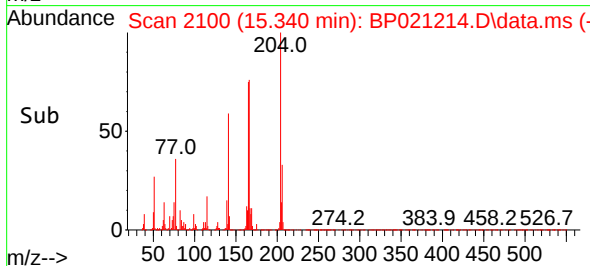
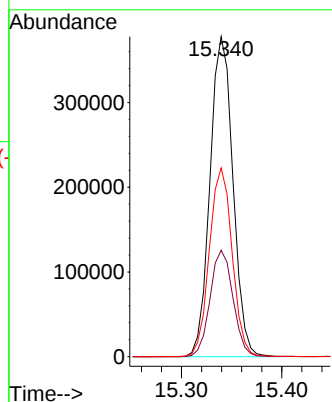
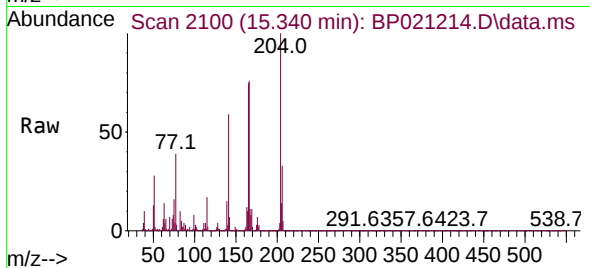
#62  
4-Chlorophenyl-phenylether  
Concen: 28.744 ng/ul  
RT: 15.340 min Scan# 2100  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:204 Resp: 60013  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.4 39.6  
141 59.0 48.5 72.7

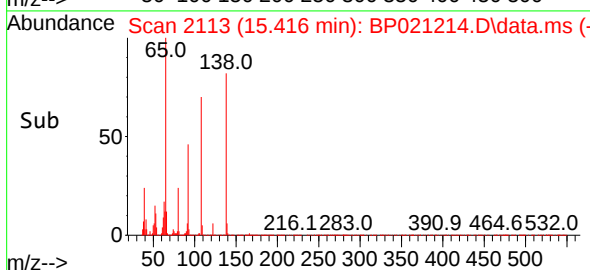
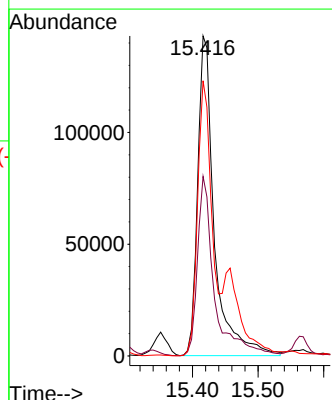
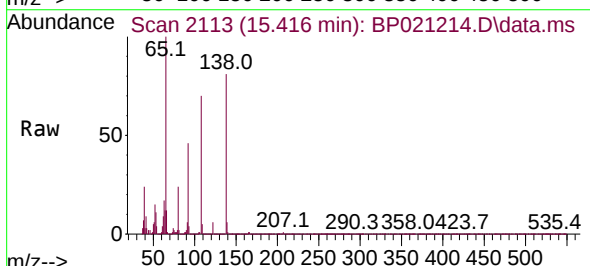
Manual Integrations  
APPROVED

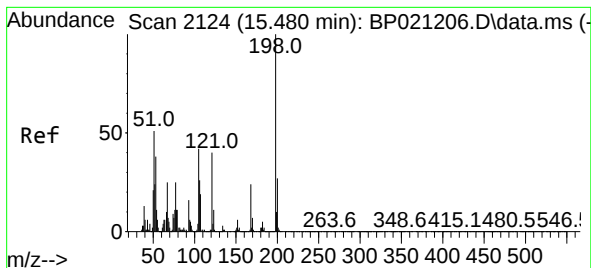
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#63  
4-Nitroaniline  
Concen: 42.562 ng/ul  
RT: 15.416 min Scan# 2113  
Delta R.T. -0.011 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:138 Resp: 253896  
Ion Ratio Lower Upper  
138 100  
92 56.1 40.9 61.3  
108 86.0 64.7 97.1





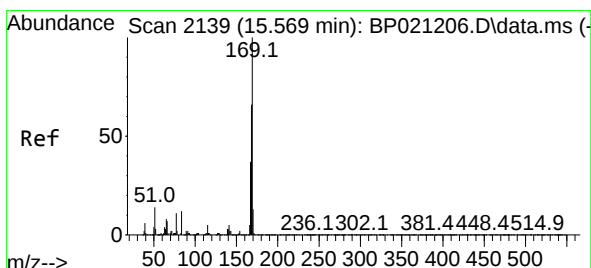
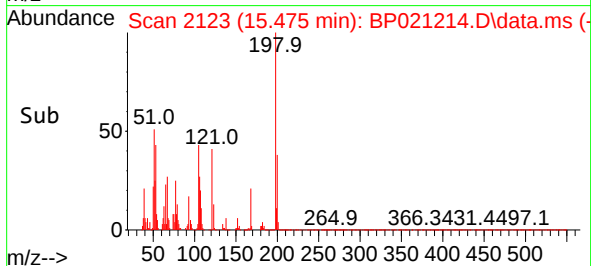
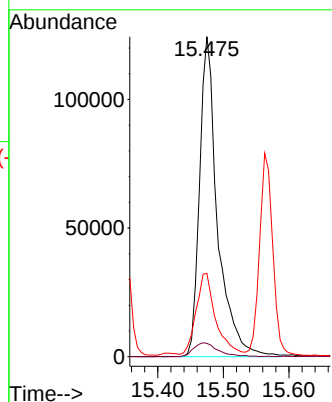
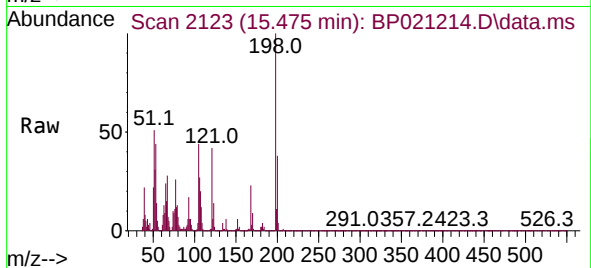
#66  
4,6-Dinitro-2-methylphenol  
Concen: 30.374 ng/ul  
RT: 15.475 min Scan# 2123  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:198 Resp: 23725  
Ion Ratio Lower Upper  
198 100  
182 4.2 3.8 5.6  
77 26.0 20.0 30.0

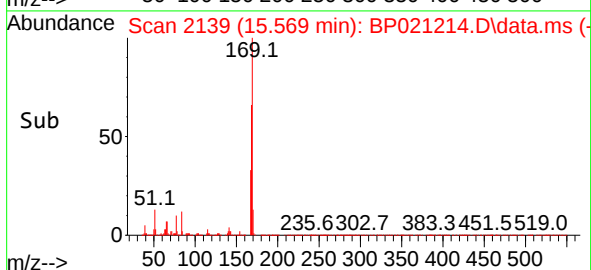
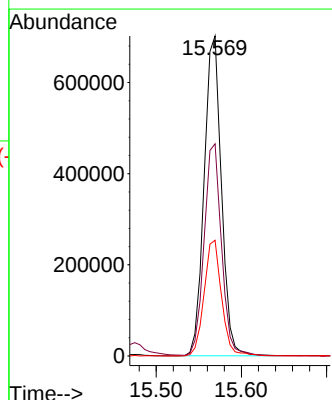
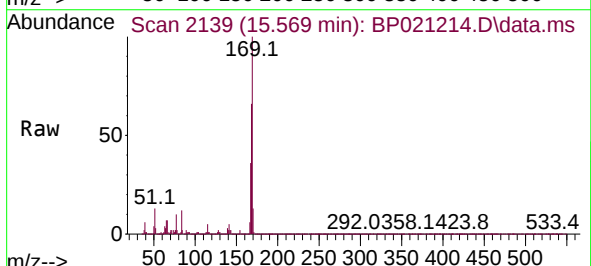
Manual Integrations  
APPROVED

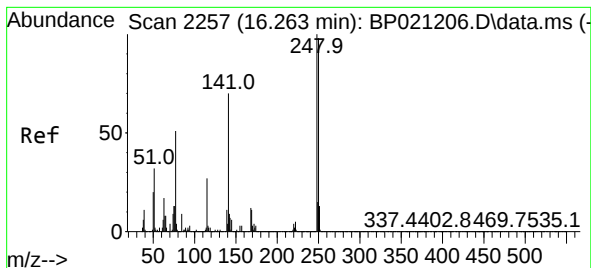
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#67  
N-Nitrosodiphenylamine  
Concen: 27.877 ng/ul  
RT: 15.569 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:169 Resp: 988223  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.4 80.2  
167 36.2 28.4 42.6





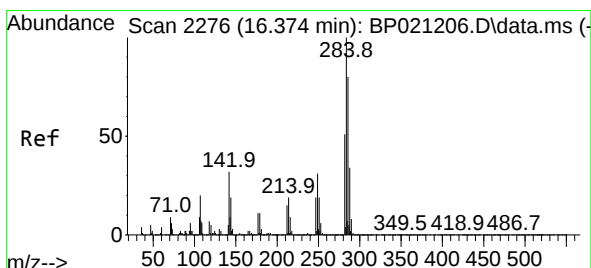
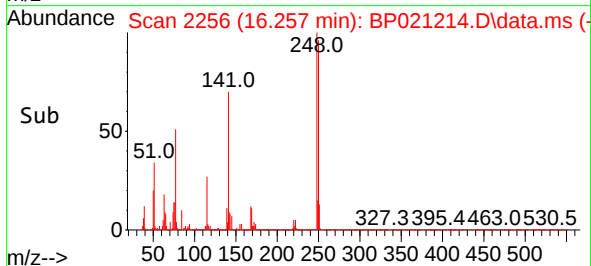
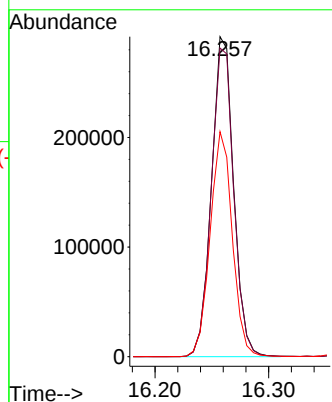
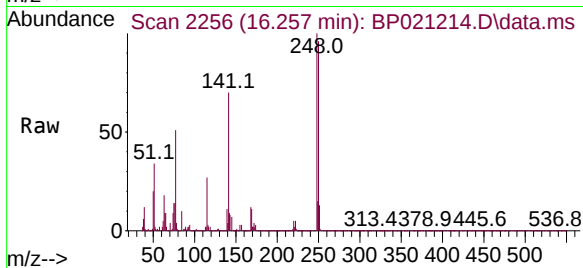
#68  
4-Bromophenyl-phenylether  
Concen: 27.711 ng/ul  
RT: 16.257 min Scan# 2257  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:248 Resp: 395392  
Ion Ratio Lower Upper  
248 100  
250 96.4 79.3 118.9  
141 70.3 57.4 86.0

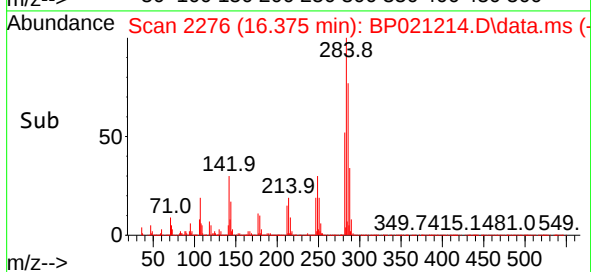
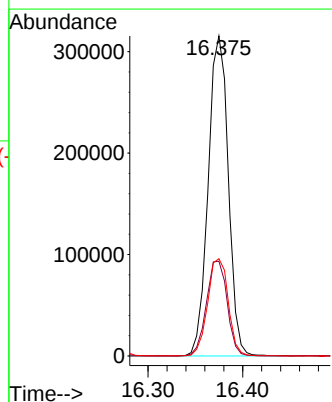
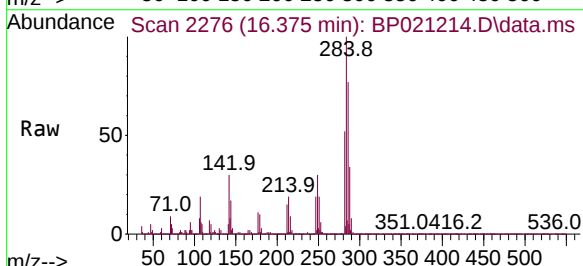
Manual Integrations  
APPROVED

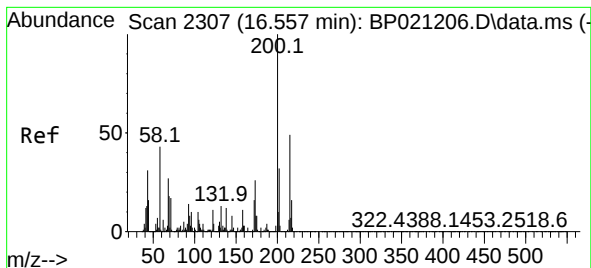
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#69  
Hexachlorobenzene  
Concen: 28.527 ng/ul  
RT: 16.375 min Scan# 2276  
Delta R.T. 0.000 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:284 Resp: 466715  
Ion Ratio Lower Upper  
284 100  
142 29.6 25.8 38.8  
249 30.4 25.1 37.7





#70

Atrazine

Concen: 1.797 ng/ul

RT: 16.563 min Scan# 2308

Delta R.T. 0.006 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:200 Resp: 23219

Ion Ratio Lower Upper

200 100

173 25.0 20.8 31.2

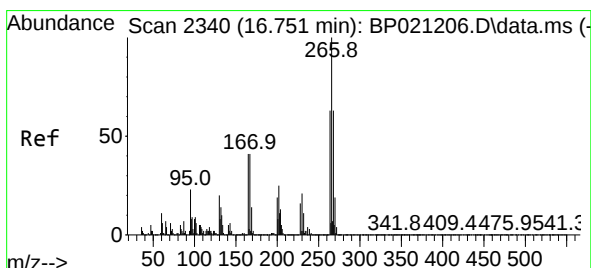
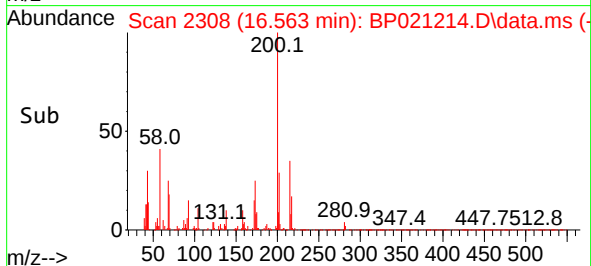
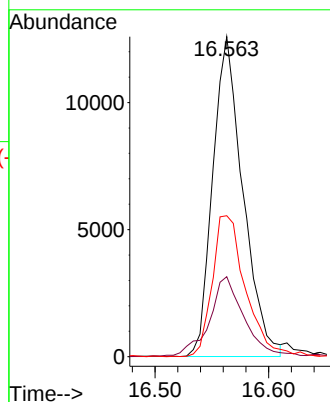
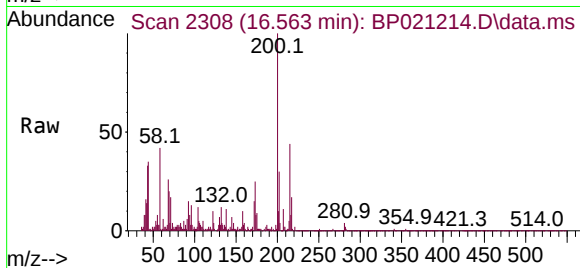
215 44.1 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#71

Pentachlorophenol

Concen: 19.506 ng/ul

RT: 16.751 min Scan# 2340

Delta R.T. 0.000 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

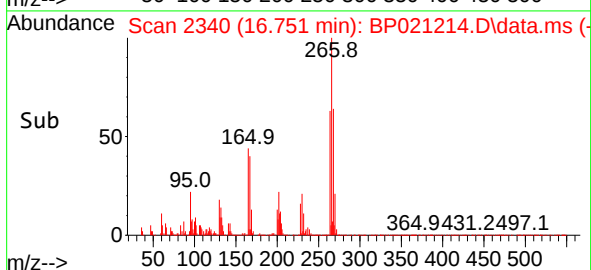
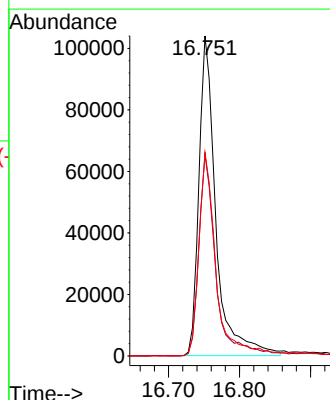
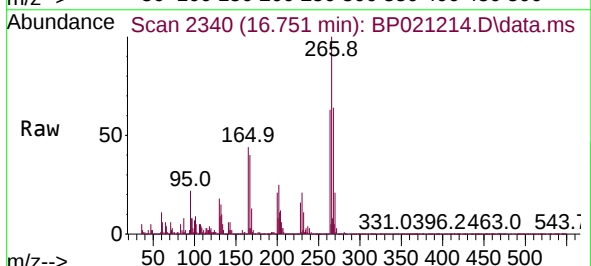
Tgt Ion:266 Resp: 173323

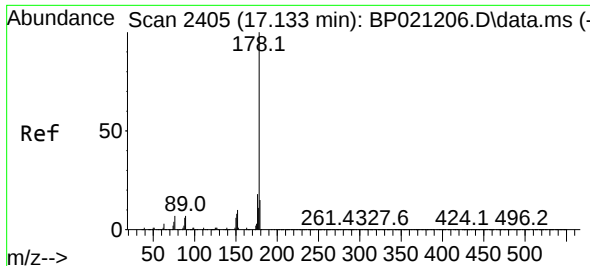
Ion Ratio Lower Upper

266 100

264 62.9 52.3 78.5

268 63.6 52.3 78.5





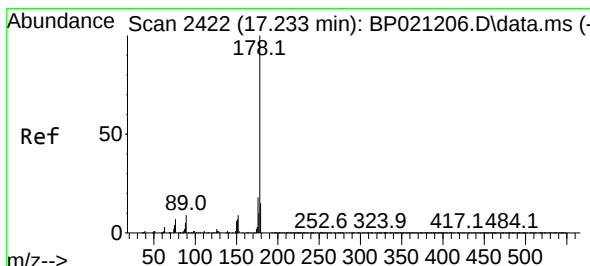
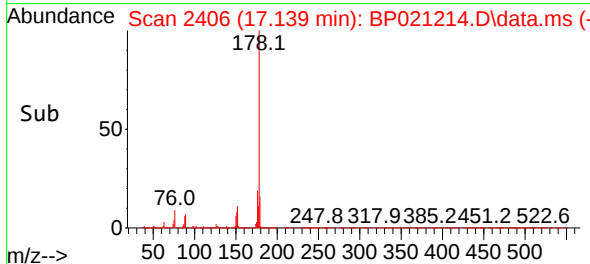
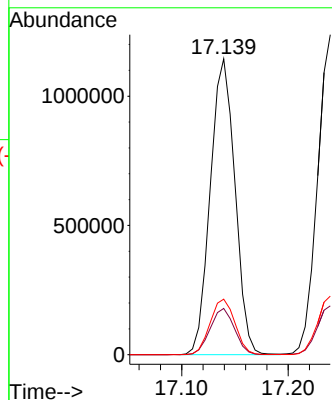
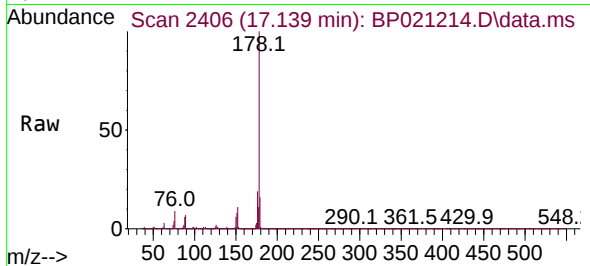
#72  
Phenanthrene  
Concen: 29.144 ng/u1  
RT: 17.139 min Scan# 2405  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:178 Resp: 1840479  
Ion Ratio Lower Upper  
178 100  
179 15.6 12.2 18.4  
176 18.8 15.0 22.4

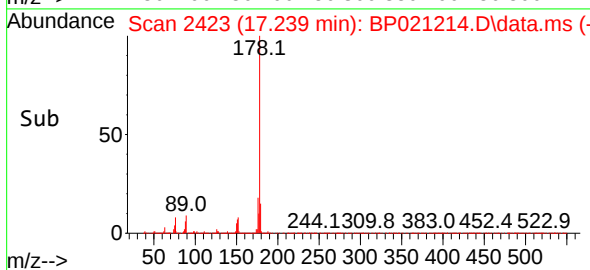
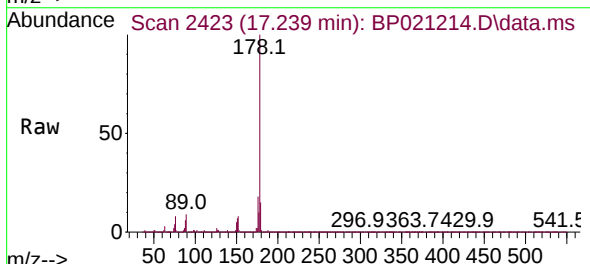
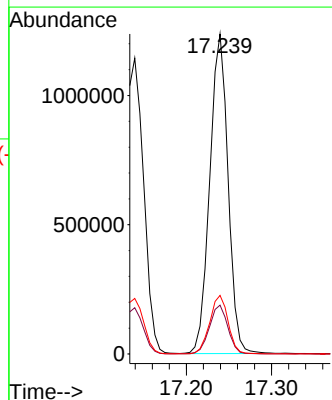
Manual Integrations  
APPROVED

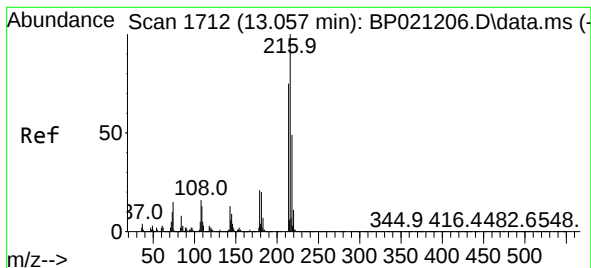
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#74  
Anthracene  
Concen: 28.657 ng/u1  
RT: 17.239 min Scan# 2423  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:178 Resp: 1844901  
Ion Ratio Lower Upper  
178 100  
179 15.2 12.5 18.7  
176 18.3 14.8 22.2





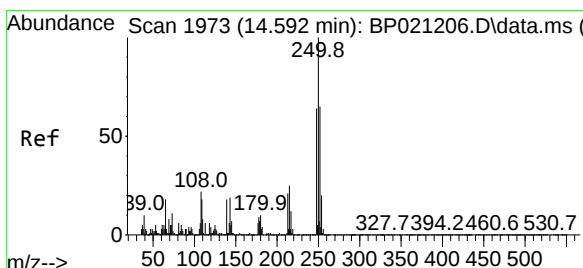
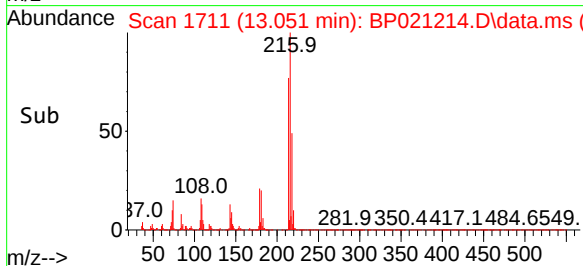
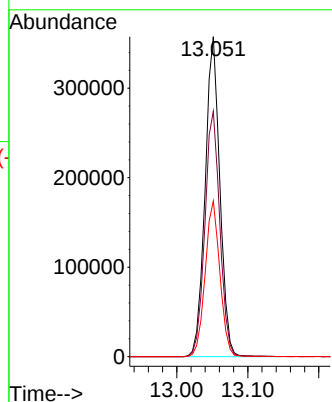
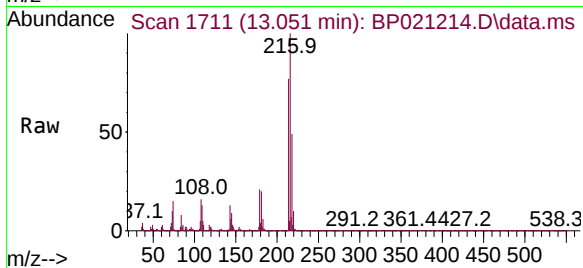
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 26.515 ng/uL  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.005 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:216 Resp: 516620  
Ion Ratio Lower Upper  
216 100  
214 76.7 63.2 94.8  
218 48.6 38.2 57.4

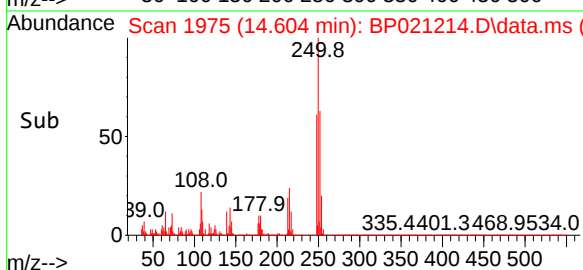
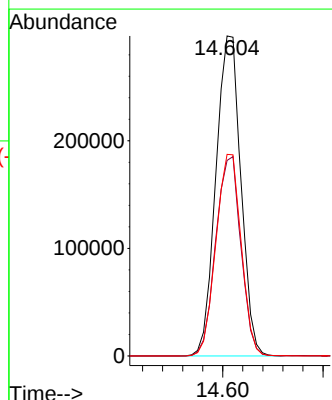
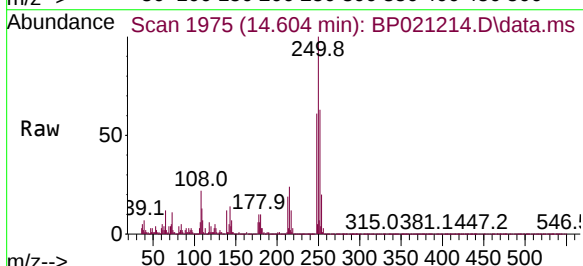
Manual Integrations  
APPROVED

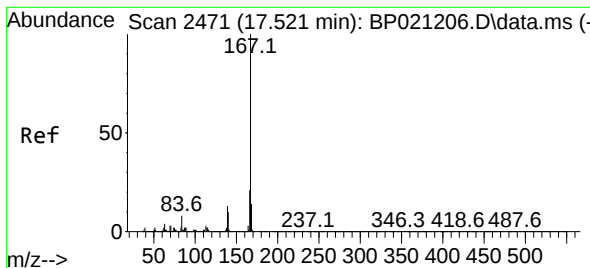
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#76  
Pentachlorobenzene  
Concen: 26.589 ng/uL  
RT: 14.604 min Scan# 1975  
Delta R.T. 0.012 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:250 Resp: 514780  
Ion Ratio Lower Upper  
250 100  
248 61.1 50.8 76.2  
252 63.0 51.6 77.4





#77

Carbazole

Concen: 32.707 ng/ul

RT: 17.528 min Scan# 2471

Delta R.T. 0.006 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:167 Resp: 1721300

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

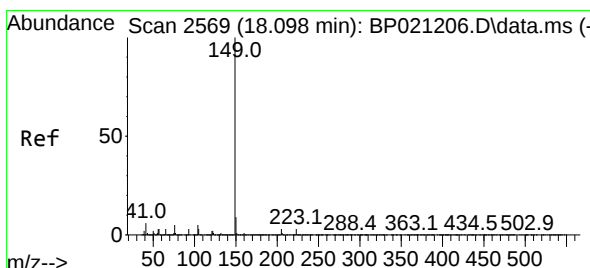
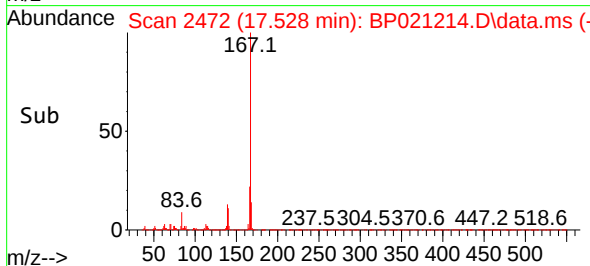
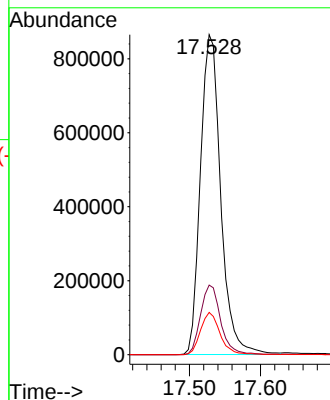
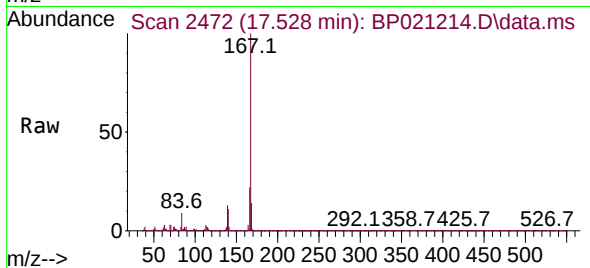
139 13.2 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#78

Di-n-butylphthalate

Concen: 30.009 ng/ul

RT: 18.098 min Scan# 2569

Delta R.T. 0.000 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

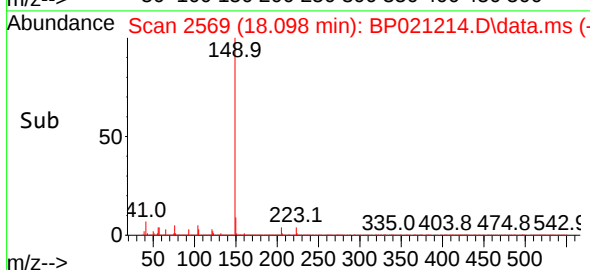
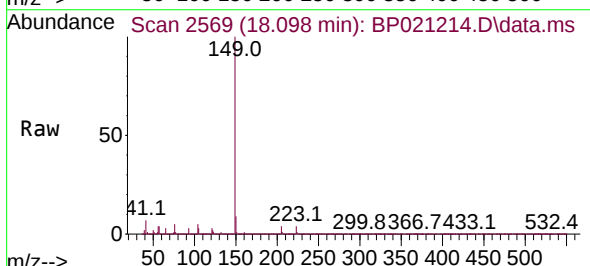
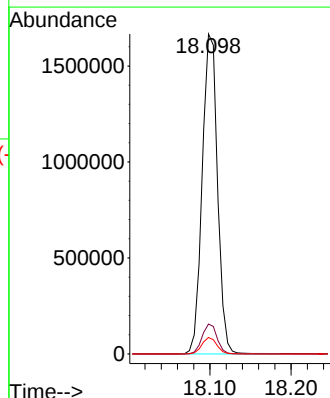
Tgt Ion:149 Resp: 2178961

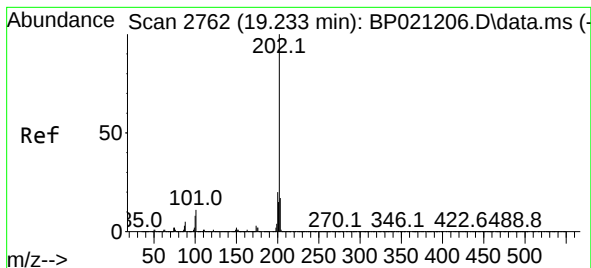
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

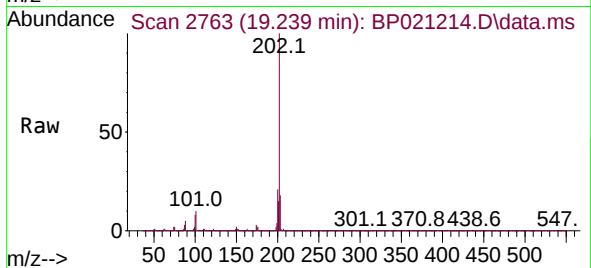
104 5.1 3.9 5.9





#80  
Fluoranthene  
Concen: 25.244 ng/ul  
RT: 19.239 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

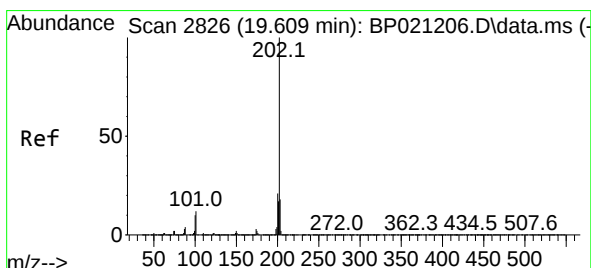
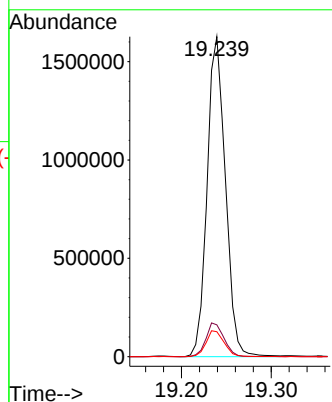
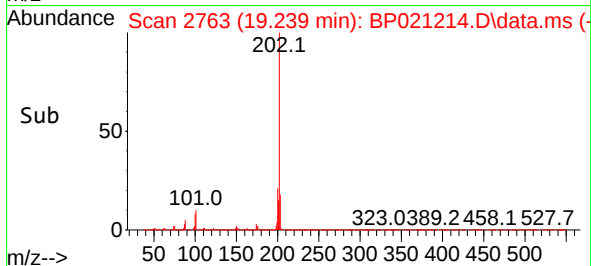
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189



Tgt Ion:202 Resp: 230054  
Ion Ratio Lower Upper  
202 100  
101 9.9 8.0 12.0  
100 7.8 6.1 9.1

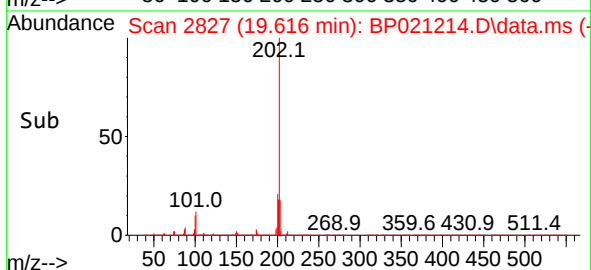
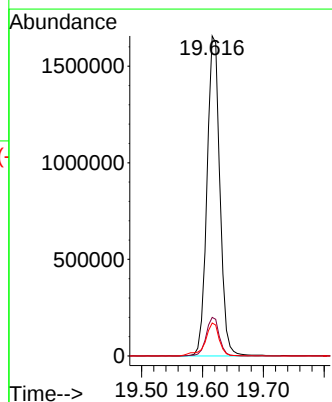
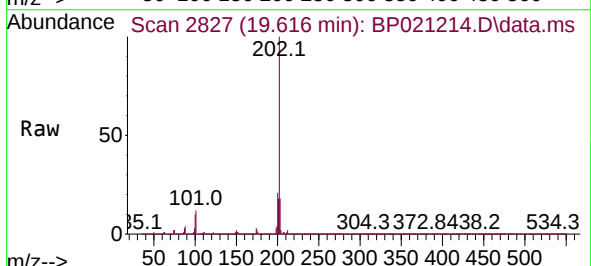
Manual Integrations  
APPROVED

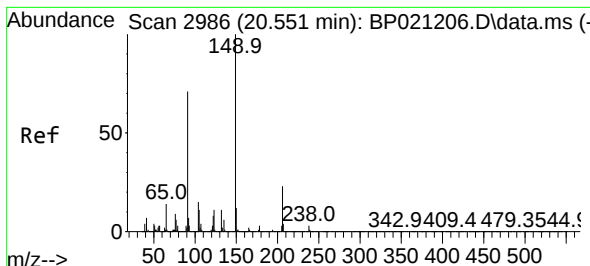
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#82  
Pyrene  
Concen: 26.276 ng/ul  
RT: 19.616 min Scan# 2827  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:202 Resp: 2436704  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.4 14.2  
100 10.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 26.957 ng/ul

RT: 20.551 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:149 Resp: 104152

Ion Ratio Lower Upper

149 100

91 69.2 54.1 81.1

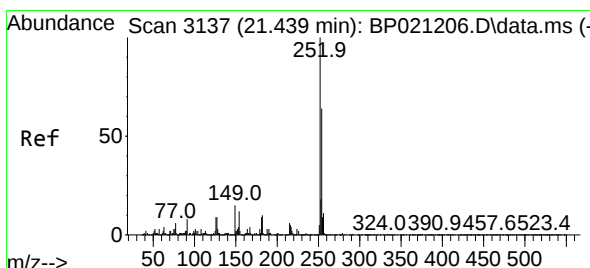
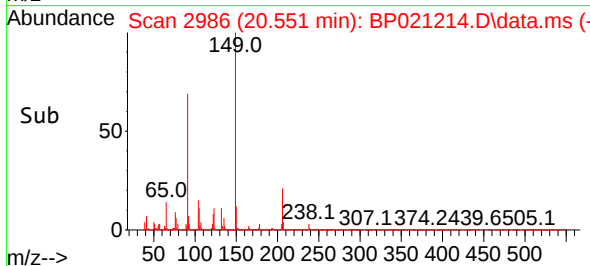
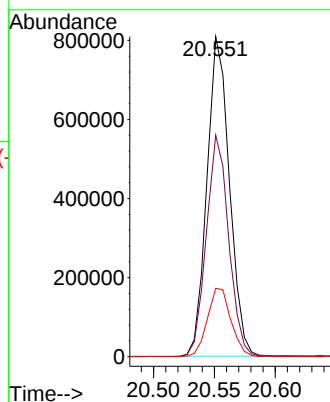
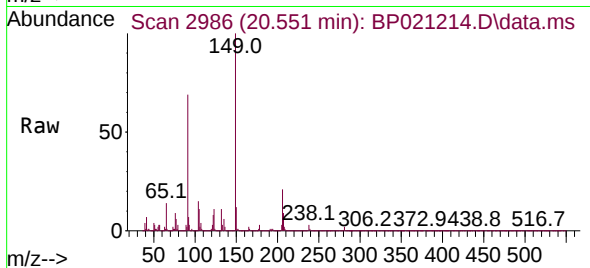
206 21.3 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#84

3,3'-Dichlorobenzidine

Concen: 30.908 ng/ul

RT: 21.445 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

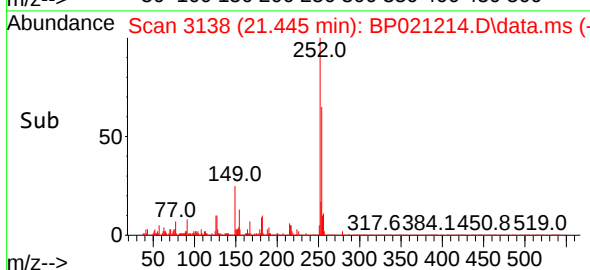
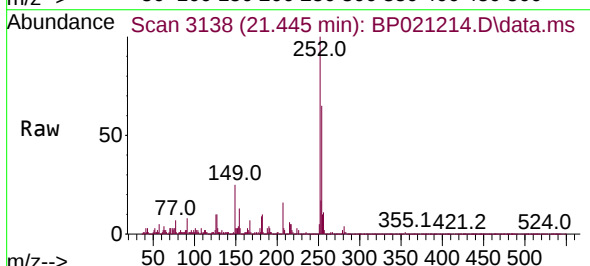
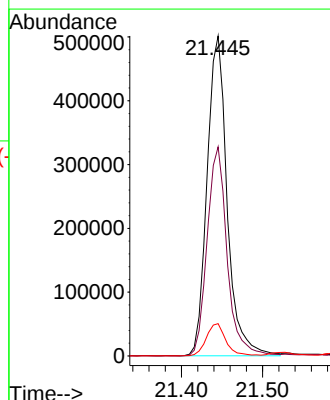
Tgt Ion:252 Resp: 862042

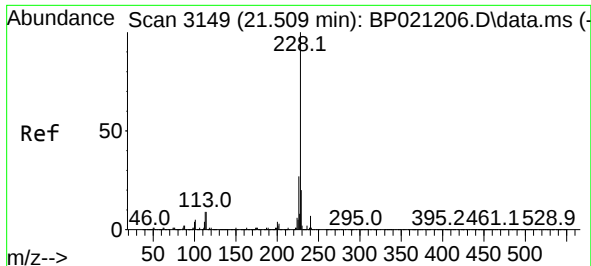
Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 10.1 8.0 12.0





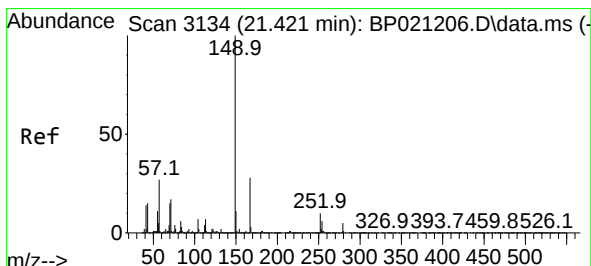
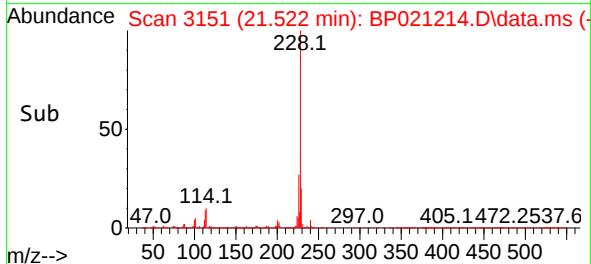
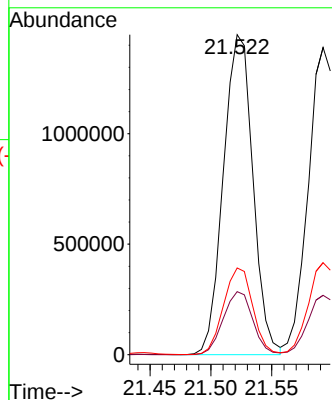
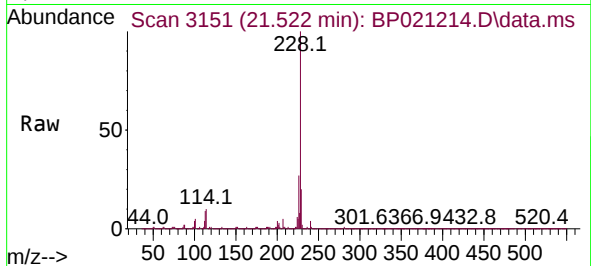
#85  
Benzo(a)anthracene  
Concen: 28.582 ng/ul  
RT: 21.522 min Scan# 3151  
Delta R.T. 0.012 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:228 Resp: 2443830  
Ion Ratio Lower Upper  
228 100  
229 19.7 15.5 23.3  
226 27.1 21.4 32.2

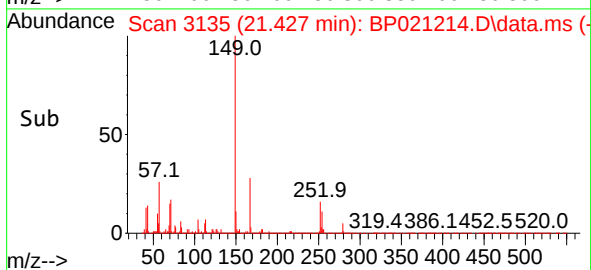
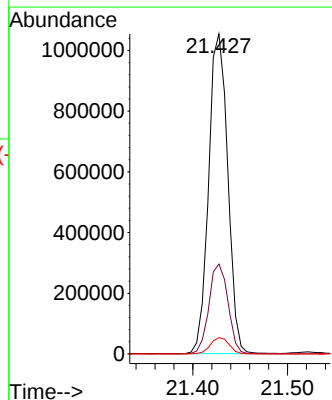
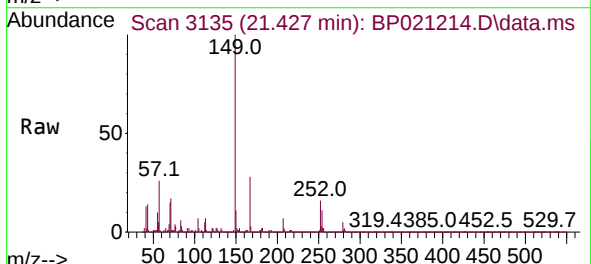
Manual Integrations  
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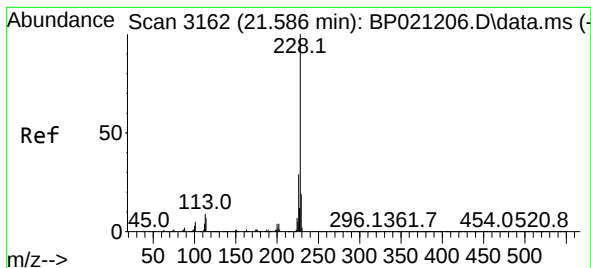
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 26.479 ng/ul  
RT: 21.427 min Scan# 3135  
Delta R.T. 0.006 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:149 Resp: 1472299  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.1 33.1  
279 5.1 3.7 5.5





#87

Chrysene

Concen: 29.744 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. 0.006 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:228 Resp: 2363200

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

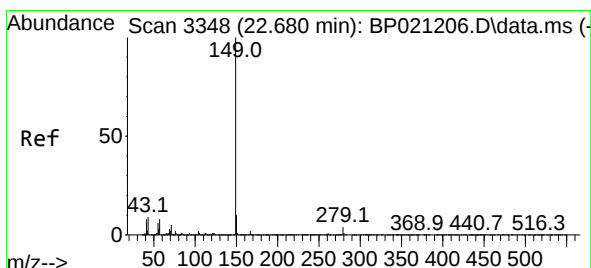
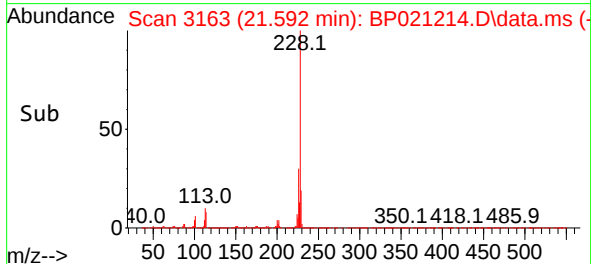
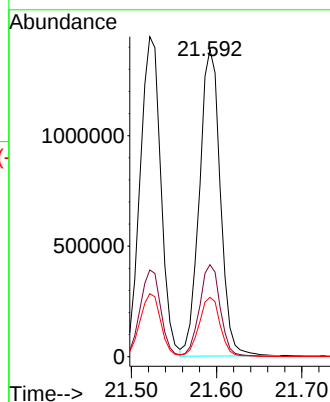
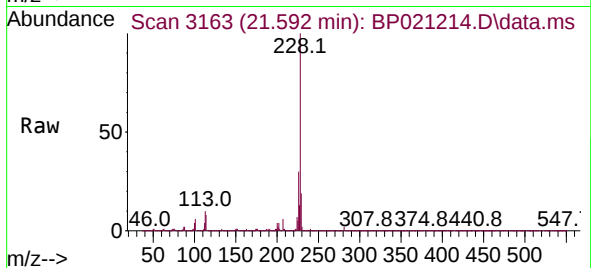
229 19.3 15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#89

Di-n-octyl phthalate

Concen: 28.095 ng/ul

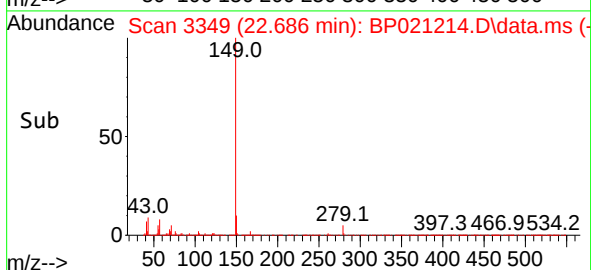
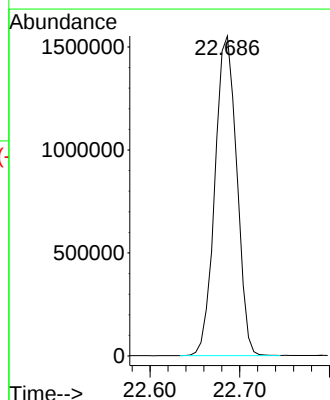
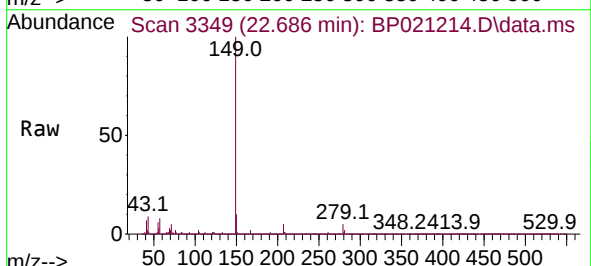
RT: 22.686 min Scan# 3349

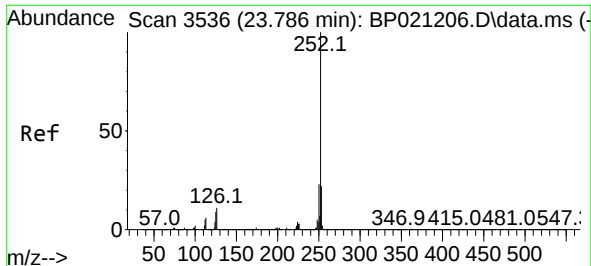
Delta R.T. 0.006 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Tgt Ion:149 Resp: 2622713





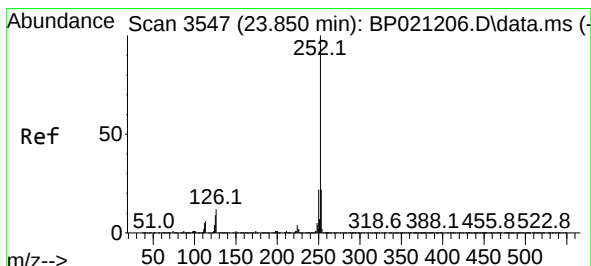
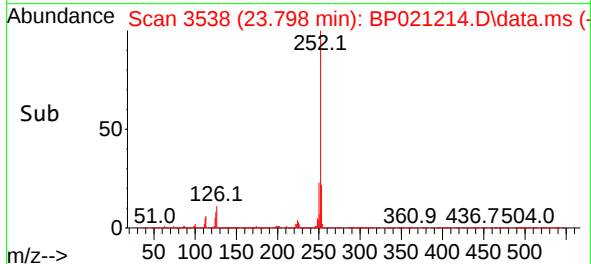
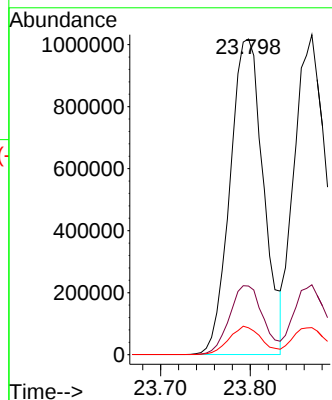
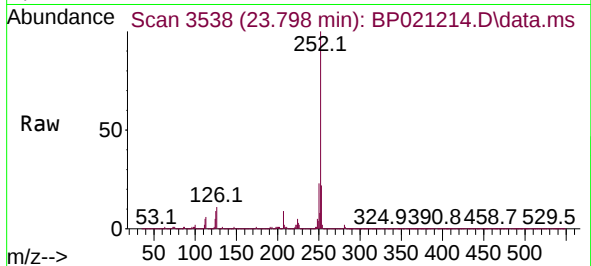
#90  
Benzo(b)fluoranthene  
Concen: 30.718 ng/ul  
RT: 23.798 min Scan# 3536  
Delta R.T. 0.012 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS189

Tgt Ion:252 Resp: 263424  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.1 25.7  
125 8.5 7.0 10.4

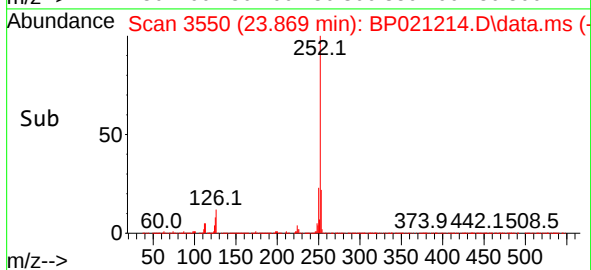
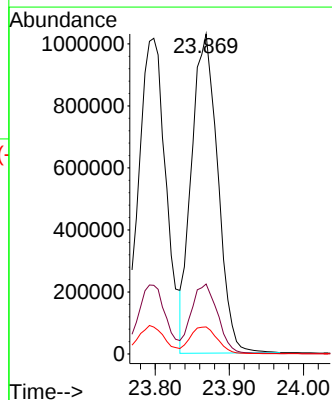
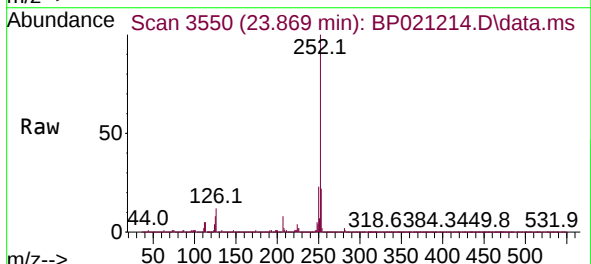
Manual Integrations  
APPROVED

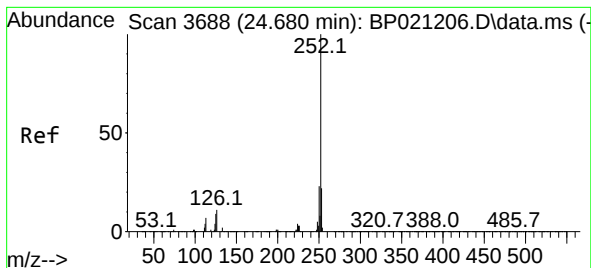
Reviewed By :Yogesh Patel 07/30/2024  
Supervised By :mohammad ahmed 09/04/2024



#91  
Benzo(k)fluoranthene  
Concen: 29.603 ng/ul  
RT: 23.869 min Scan# 3550  
Delta R.T. 0.018 min  
Lab File: BP021214.D  
Acq: 29 Jul 2024 17:50

Tgt Ion:252 Resp: 2533515  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 8.5 7.4 11.0





#93

Benzo(a)pyrene

Concen: 28.986 ng/ul

RT: 24.698 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:252 Resp: 234893

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

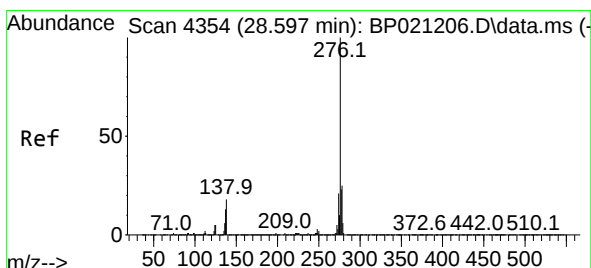
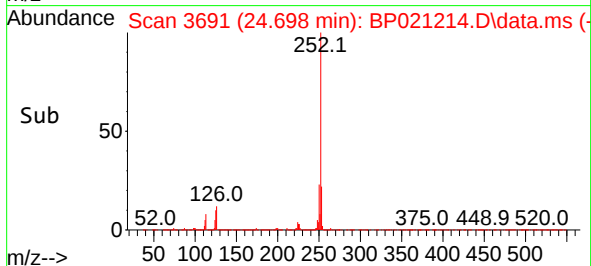
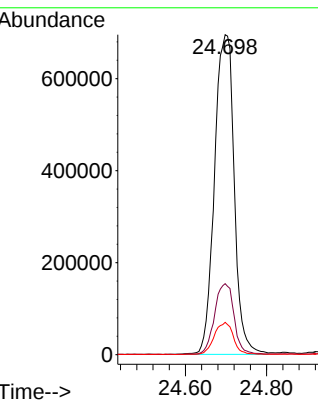
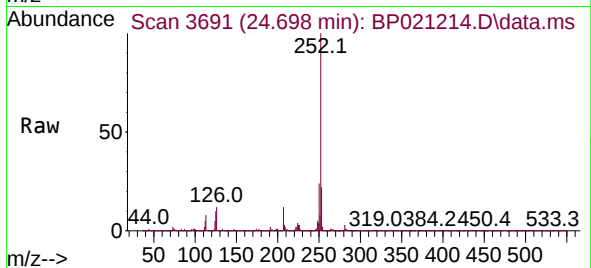
125 10.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.923 ng/ul m

RT: 28.604 min Scan# 4355

Delta R.T. 0.006 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

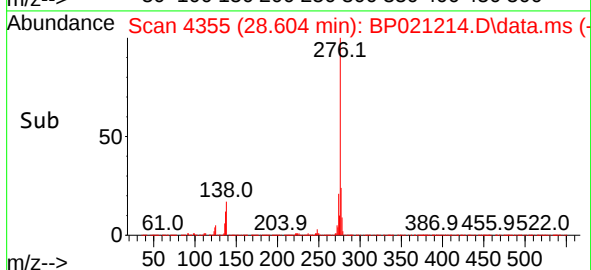
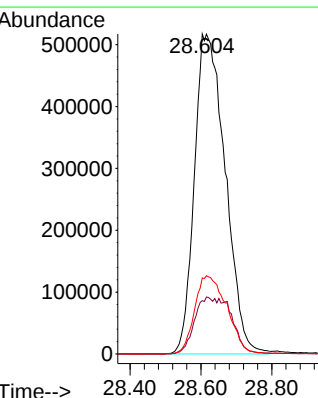
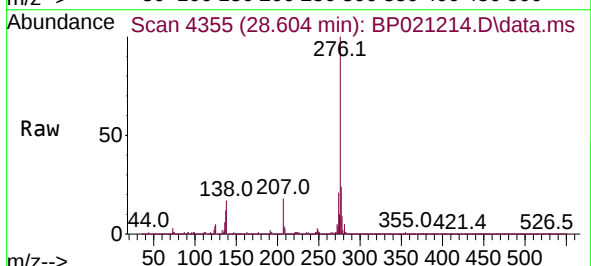
Tgt Ion:276 Resp: 3124668

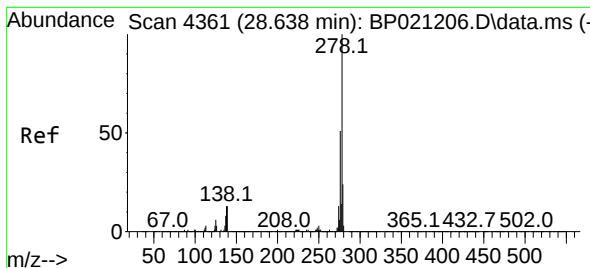
Ion Ratio Lower Upper

276 100

138 16.6 14.3 21.5

277 23.8 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 29.765 ng/ul

RT: 28.674 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Instrument :

BNA\_P

ClientSampleId :

SLCS189

Tgt Ion:278 Resp: 257385

Ion Ratio Lower Upper

278 100

139 13.2 10.9 16.3

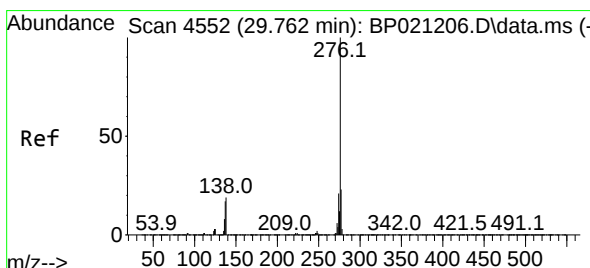
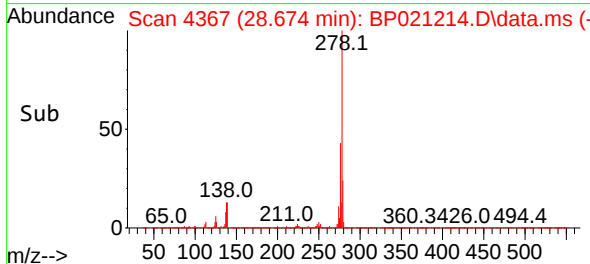
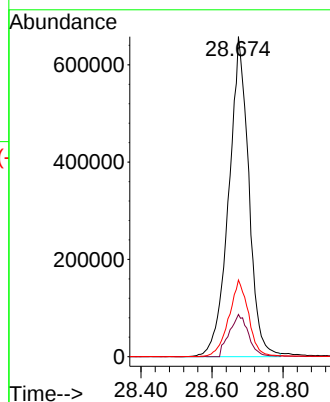
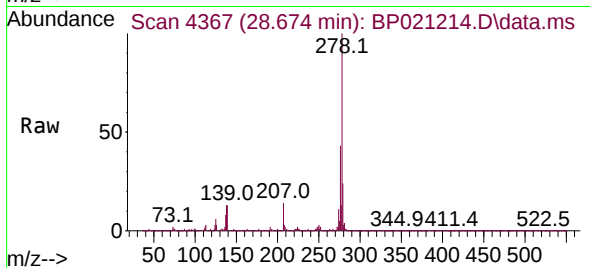
279 24.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 09/04/2024



#96

Benzo(g,h,i)perylene

Concen: 28.741 ng/ul

RT: 29.804 min Scan# 4559

Delta R.T. 0.042 min

Lab File: BP021214.D

Acq: 29 Jul 2024 17:50

Tgt Ion:276 Resp: 2444302

Ion Ratio Lower Upper

276 100

138 17.5 15.3 22.9

277 23.5 18.2 27.2

