

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023533.D  
 Acq On : 19 Dec 2024 18:41  
 Operator : RC/JU  
 Sample : P5265-21MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28Y9MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 22:40:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 00:30:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.522  | 152  | 220865   | 20.000 | ng/u1  | -0.02    |
| 20) Naphthalene-d8            | 10.263 | 136  | 894858   | 20.000 | ng/u1  | #-0.02   |
| 38) Acenaphthene-d10          | 14.134 | 164  | 687477   | 20.000 | ng/u1  | -0.01    |
| 64) Phenanthrene-d10          | 16.939 | 188  | 1547481  | 20.000 | ng/u1  | #-0.02   |
| 79) Chrysene-d12              | 21.363 | 240  | 1594471  | 20.000 | ng/u1  | #-0.02   |
| 88) Perylene-d12              | 24.533 | 264  | 1691892  | 20.000 | ng/u1  | -0.04    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.087  | 96   | 19555    | 3.260  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.505  | 84   | 250861   | 16.262 | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 6.740  | 99   | 390536   | 22.536 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.875  | 67   | 247910   | 22.674 | ng/u1  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.075  | 132  | 269860   | 21.099 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.240  | 113  | 294649   | 21.067 | ng/u1  | -0.02    |
| 21) Nitrobenzene-d5           | 8.669  | 128  | 137494   | 20.576 | ng/u1  | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.375  | 143  | 162757   | 21.134 | ng/u1  | -0.02    |
| 28) 2,4-Dichlorophenol-d3     | 9.916  | 165  | 327644   | 20.158 | ng/u1  | -0.02    |
| 31) 4-Chloroaniline-d4        | 10.422 | 131  | 318687   | 17.502 | ng/u1  | -0.02    |
| 46) Dimethylphthalate-d6      | 13.546 | 166  | 1075616  | 20.154 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 13.828 | 160  | 1029226  | 18.284 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.428 | 143  | 113831m  | 17.405 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.145 | 176  | 773716   | 16.482 | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.310 | 200  | 144569   | 15.458 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.045 | 188  | 1267303  | 17.944 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.422 | 212  | 1381696  | 16.586 | ng/u1  | -0.02    |
| 92) Benzo(a)pyrene-d12        | 24.316 | 264  | 1258519  | 13.895 | ng/u1  | -0.03    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.123  | 88   | 38397    | 5.785  | ng/uL  | 98       |
| 5) Pyridine                   | 3.523  | 79   | 244517   | 15.517 | ng/u1  | 92       |
| 6) Benzaldehyde               | 6.716  | 77   | 23651    | 2.387  | ng/u1  | 94       |
| 8) Phenol                     | 6.769  | 94   | 412371   | 22.857 | ng/u1# | 83       |
| 10) Bis(2-Chloroethyl)ether   | 6.969  | 93   | 300772   | 21.120 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.105  | 128  | 268839   | 20.050 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 7.981  | 108  | 281699   | 21.054 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.028  | 45   | 373477   | 21.565 | ng/u1  | 97       |
| 16) Acetophenone              | 8.340  | 105  | 468513   | 19.902 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.316  | 70   | 258679   | 20.167 | ng/u1  | 92       |
| 18) 4-Methylphenol            | 8.305  | 108  | 308037   | 21.330 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.569  | 117  | 96826    | 14.831 | ng/u1  | 88       |
| 22) Nitrobenzene              | 8.710  | 77   | 378850   | 18.633 | ng/u1  | 98       |
| 23) Isophorone                | 9.222  | 82   | 750052   | 20.827 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.410  | 139  | 163447   | 19.868 | ng/u1# | 83       |
| 26) 2,4-Dimethylphenol        | 9.475  | 107  | 336570   | 18.476 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.693  | 93   | 436095   | 21.433 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 9.946  | 162  | 309183   | 19.193 | ng/u1  | 98       |
| 30) Naphthalene               | 10.310 | 128  | 830053   | 17.719 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.446 | 127  | 217816   | 12.336 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.581 | 225  | 167798   | 11.743 | ng/u1  | 97       |
| 34) Caprolactam               | 11.234 | 113  | 86554    | 18.414 | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 11.587 | 107  | 355491   | 20.323 | ng/u1  | 89       |
| 36) 2-Methylnaphthalene       | 11.922 | 142  | 592644   | 17.060 | ng/u1  | 97       |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 00:30:30 2024  
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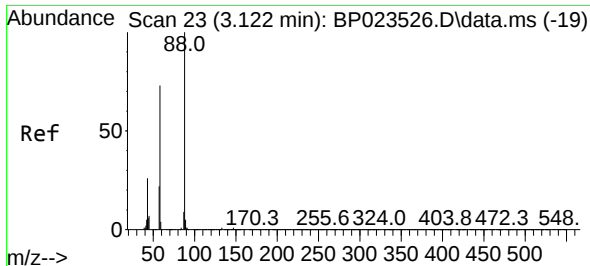
### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.146 | 142  | 601297   | 16.986 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.304 | 216  | 377177   | 15.035 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.263 | 237  | 76630    | 6.357  | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.557 | 196  | 309197   | 20.826 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.657 | 196  | 314914   | 19.853 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 12.946 | 154  | 847307   | 17.395 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 12.993 | 162  | 698609   | 17.731 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.228 | 65   | 243533   | 21.334 | ng/ul  | 90       |
| 47) Dimethylphthalate         | 13.593 | 163  | 1005860  | 19.133 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.728 | 165  | 199408   | 19.796 | ng/ul  | 92       |
| 50) Acenaphthylene            | 13.857 | 152  | 1031141  | 17.987 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.075 | 138  | 175480   | 20.785 | ng/ul  | 95       |
| 52) Acenaphthene              | 14.204 | 153  | 721447   | 17.218 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.334 | 184  | 12655m   | 1.948  | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.445 | 109  | 133791   | 15.185 | ng/ul# | 73       |
| 56) Dibenzofuran              | 14.545 | 168  | 1067525  | 16.776 | ng/ul  | 94       |
| 57) 2,4-Dinitrotoluene        | 14.551 | 165  | 294302   | 18.131 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.793 | 232  | 259680   | 16.490 | ng/ul# | 95       |
| 59) Diethylphthalate          | 14.975 | 149  | 942256   | 17.972 | ng/ul  | 100      |
| 61) Fluorene                  | 15.210 | 166  | 849774   | 16.401 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.204 | 204  | 435277   | 14.484 | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.263 | 138  | 184698   | 24.873 | ng/ul# | 81       |
| 66) 4,6-Dinitro-2-methylph... | 15.322 | 198  | 141347   | 14.247 | ng/ul  | 93       |
| 67) N-Nitrosodiphenylamine    | 15.416 | 169  | 786950   | 19.914 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.110 | 248  | 282978   | 15.490 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.234 | 284  | 319456   | 14.274 | ng/ul  | 96       |
| 70) Atrazine                  | 16.404 | 200  | 352986   | 20.528 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.604 | 266  | 165621   | 12.679 | ng/ul  | 99       |
| 72) Phenanthrene              | 16.986 | 178  | 1514726  | 18.933 | ng/ul  | 100      |
| 74) Anthracene                | 17.081 | 178  | 1433337  | 17.918 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 12.916 | 216  | 398342   | 17.858 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.463 | 250  | 380723   | 15.485 | ng/uL  | 98       |
| 77) Carbazole                 | 17.381 | 167  | 1435997  | 22.034 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 17.945 | 149  | 1484037  | 18.532 | ng/ul# | 98       |
| 80) Fluoranthene              | 19.075 | 202  | 1916004  | 20.072 | ng/ul# | 90       |
| 82) Pyrene                    | 19.457 | 202  | 1924337  | 18.998 | ng/ul# | 91       |
| 83) Butylbenzylphthalate      | 20.410 | 149  | 694652   | 19.801 | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 415009   | 11.343 | ng/ul# | 99       |
| 85) Benzo(a)anthracene        | 21.345 | 228  | 1802834  | 16.861 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.269 | 149  | 995459   | 19.759 | ng/ul  | 99       |
| 87) Chrysene                  | 21.410 | 228  | 1660886  | 16.210 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.463 | 149  | 1657843  | 20.063 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.533 | 252  | 1736699  | 16.338 | ng/ul# | 97       |
| 91) Benzo(k)fluoranthene      | 23.604 | 252  | 1641158  | 15.517 | ng/ul# | 98       |
| 93) Benzo(a)pyrene            | 24.386 | 252  | 1544925  | 16.029 | ng/ul# | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.115 | 276  | 1860884  | 15.024 | ng/ul# | 93       |
| 95) Dibenzo(a,h)anthracene    | 28.145 | 278  | 1469396m | 14.824 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.233 | 276  | 1440147  | 15.186 | ng/ul# | 95       |

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





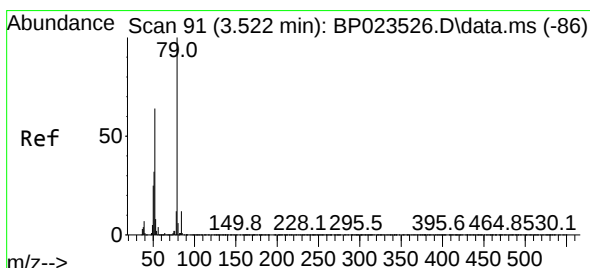
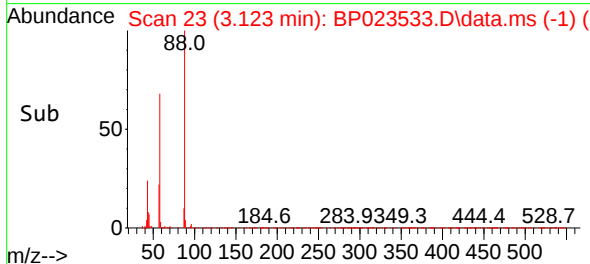
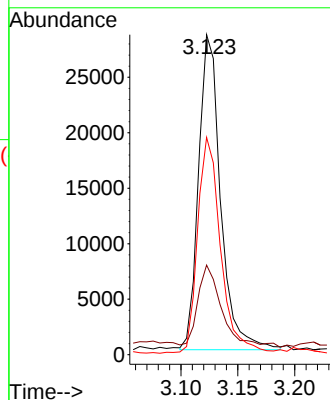
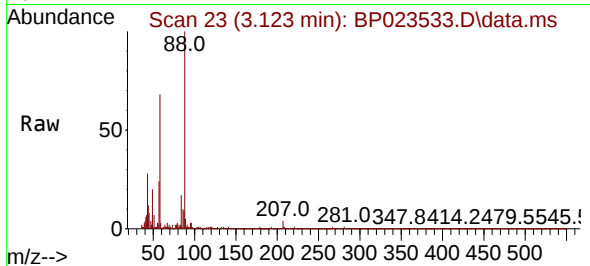
#2  
1,4-Dioxane  
Concen: 5.785 ng/uL  
RT: 3.123 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.0  | 22.9  | 34.3  |
| 58      | 67.9  | 53.1  | 79.7  |

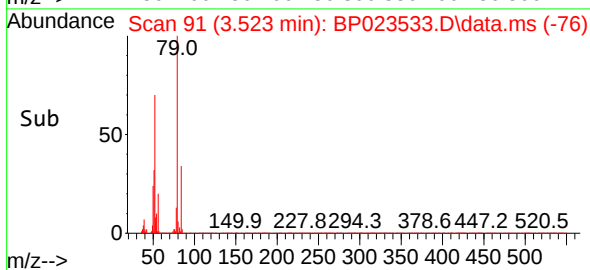
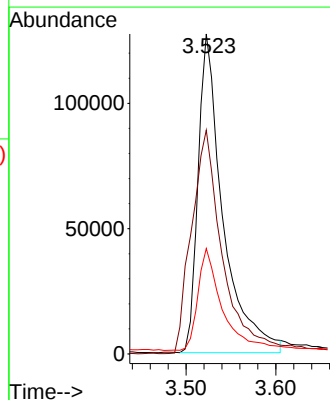
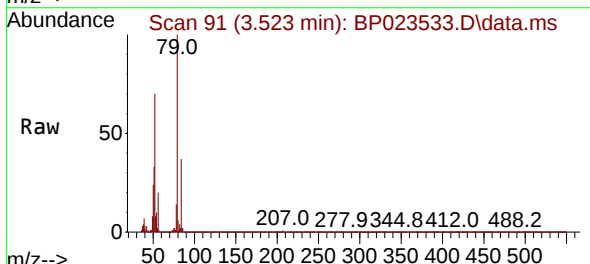
Manual Integrations  
APPROVED

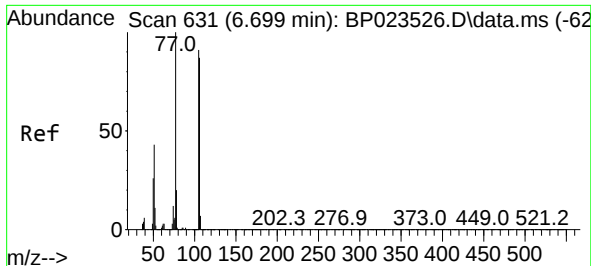
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#5  
Pyridine  
Concen: 15.517 ng/uL  
RT: 3.523 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 69.9  | 60.8  | 91.2  |
| 51      | 32.9  | 30.7  | 46.1  |





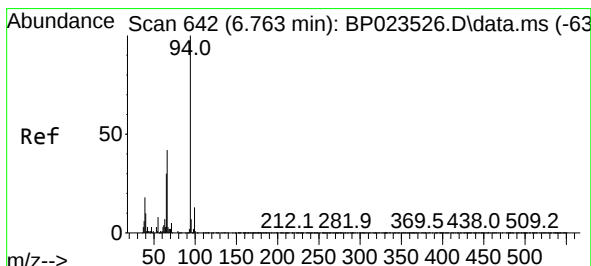
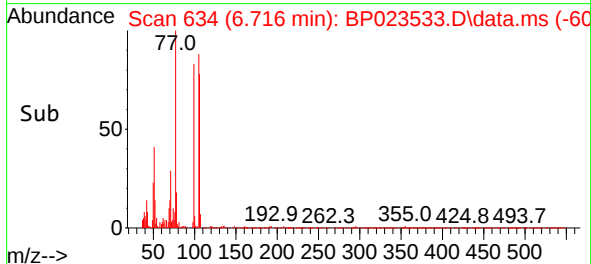
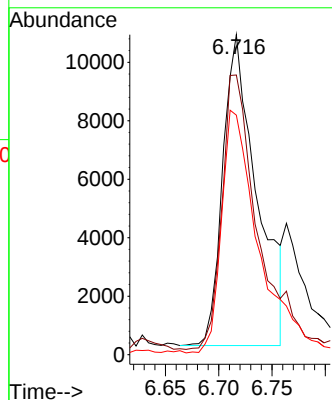
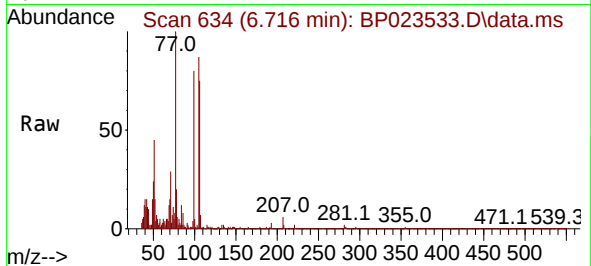
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Benzaldehyde  
Concen: 2.387 ng/ul  
RT: 6.716 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion: 77 Resp: 2365  
Ion Ratio Lower Upper  
77 100  
105 87.4 70.6 106.0  
106 74.9 67.4 101.0

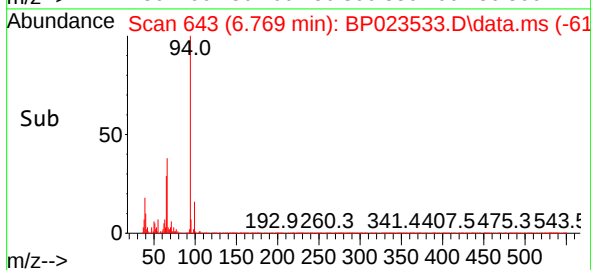
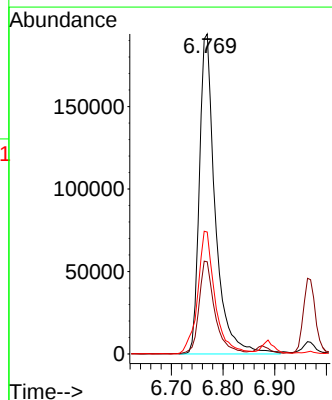
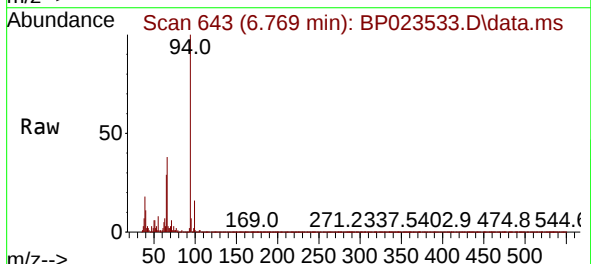
Manual Integrations  
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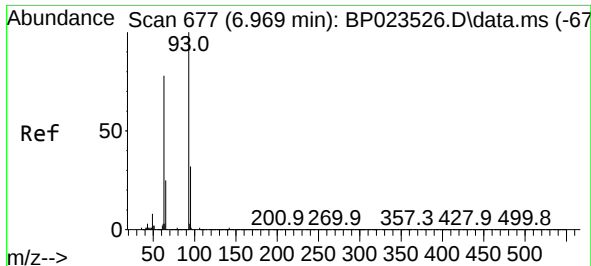
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#8  
Phenol  
Concen: 22.857 ng/ul  
RT: 6.769 min Scan# 643  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

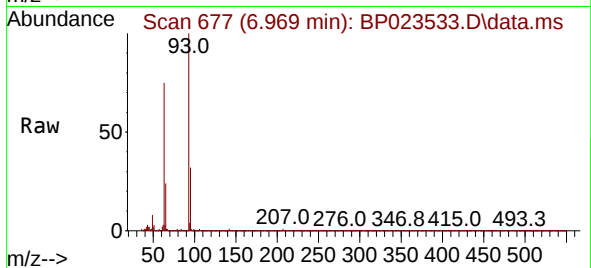
Tgt Ion: 94 Resp: 412371  
Ion Ratio Lower Upper  
94 100  
65 28.8 28.0 42.0  
66 38.1 42.0 63.0#





#10  
Bis(2-Chloroethyl)ether  
Concen: 21.120 ng/ul  
RT: 6.969 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

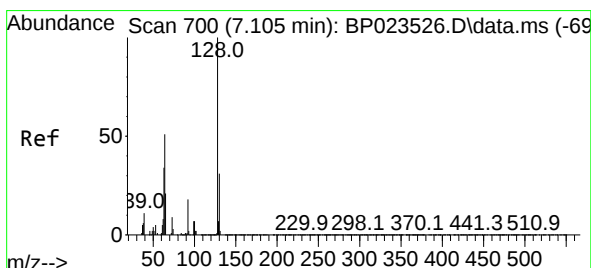
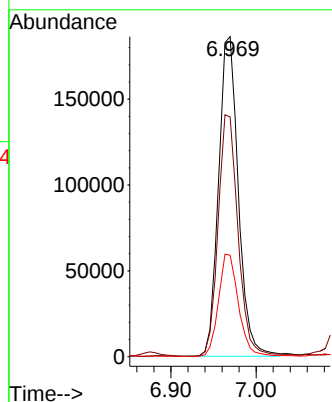
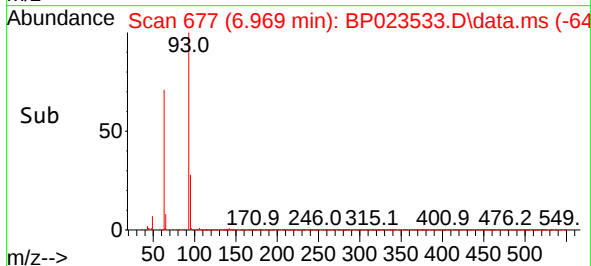
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion: 93 Resp: 300772  
Ion Ratio Lower Upper  
93 100  
63 74.9 61.3 91.9  
95 31.7 25.4 38.0

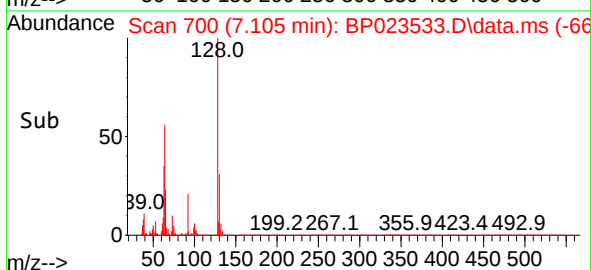
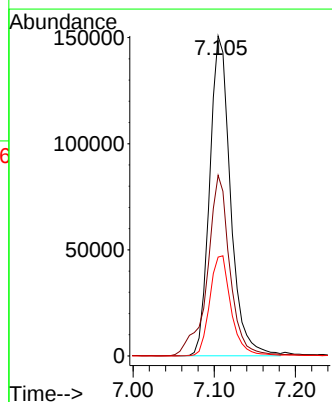
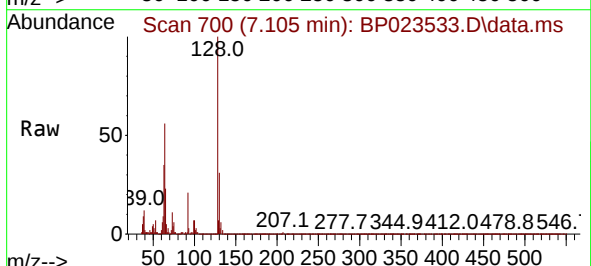
Manual Integrations  
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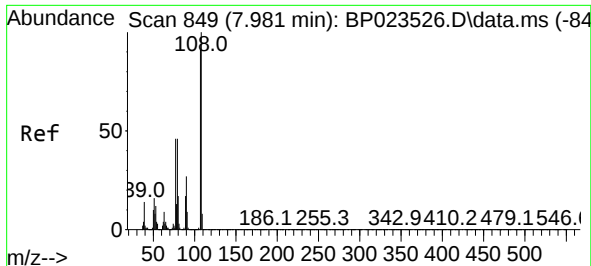
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#12  
2-Chlorophenol  
Concen: 20.050 ng/ul  
RT: 7.105 min Scan# 700  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

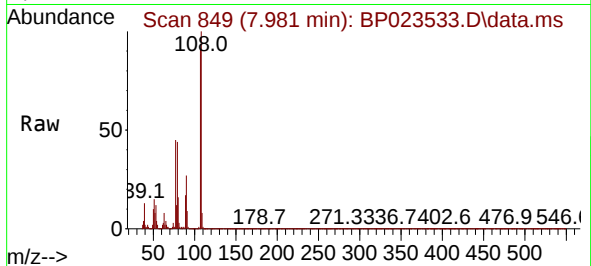
Tgt Ion:128 Resp: 268839  
Ion Ratio Lower Upper  
128 100  
64 56.5 44.8 67.2  
130 30.9 24.7 37.1





#13  
2-Methylphenol  
Concen: 21.054 ng/ul  
RT: 7.981 min Scan# 849  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

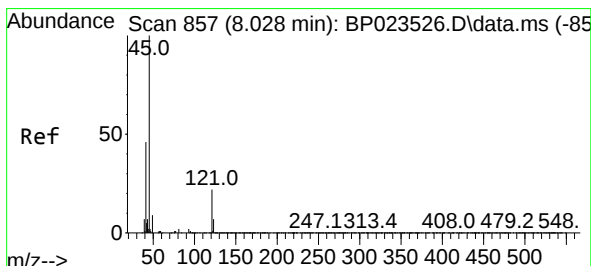
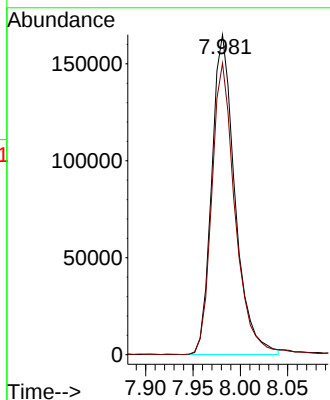
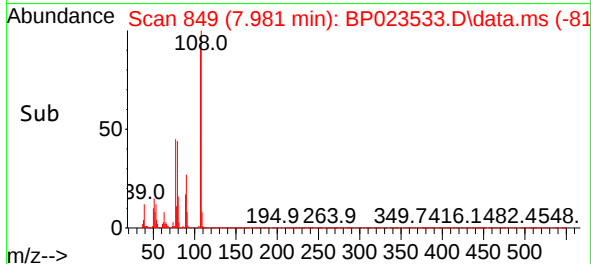
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:108 Resp: 281699  
Ion Ratio Lower Upper  
108 100  
107 91.1 73.8 110.8

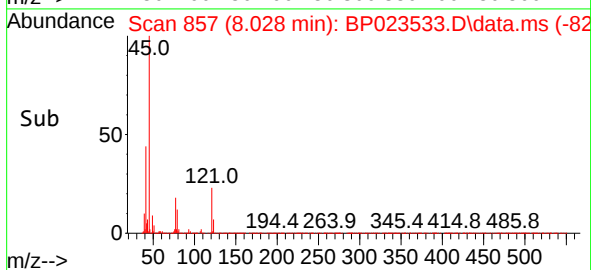
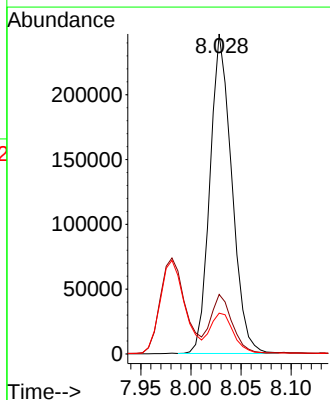
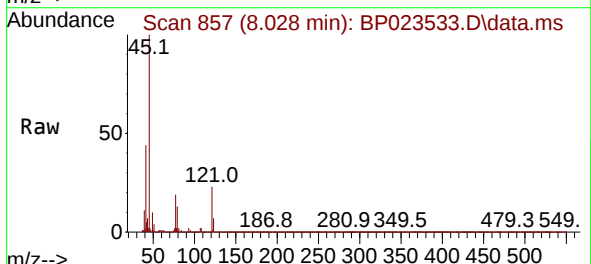
Manual Integrations  
APPROVED

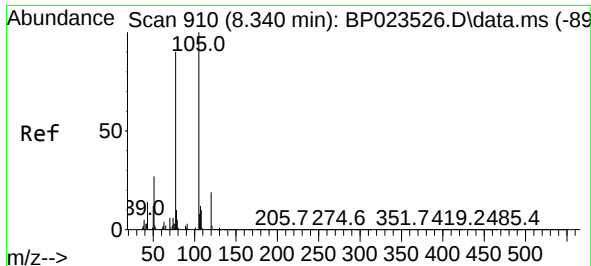
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 21.565 ng/ul  
RT: 8.028 min Scan# 857  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion: 45 Resp: 373477  
Ion Ratio Lower Upper  
45 100  
77 18.6 13.9 20.9  
79 12.7 11.3 16.9





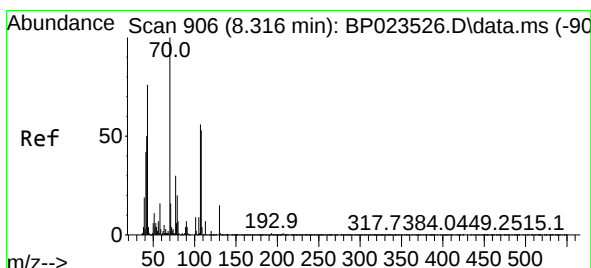
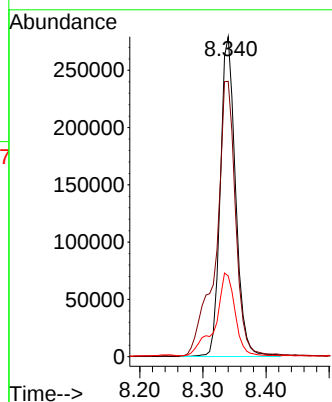
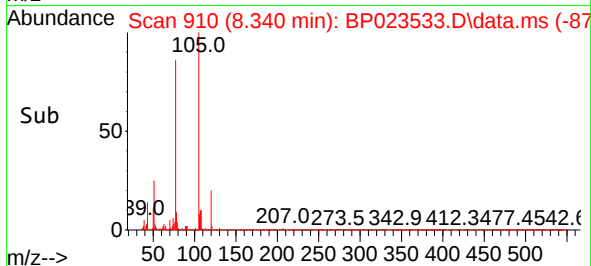
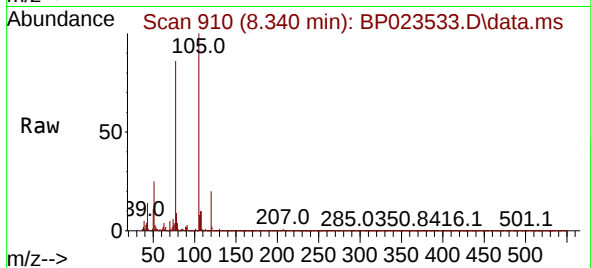
#16  
Acetophenone  
Concen: 19.902 ng/ul  
RT: 8.340 min Scan# 910  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:105 Resp: 46851  
Ion Ratio Lower Upper  
105 100  
77 86.0 71.2 106.8  
51 25.2 22.9 34.3

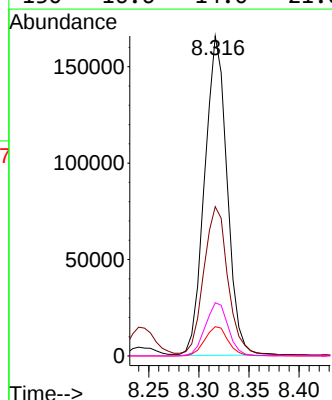
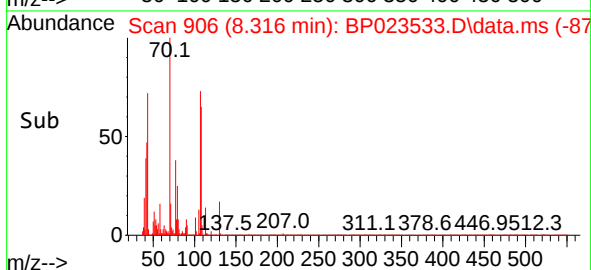
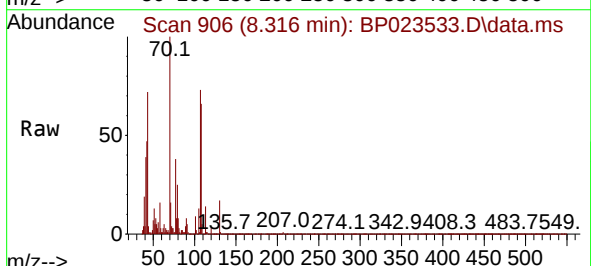
Manual Integrations  
APPROVED

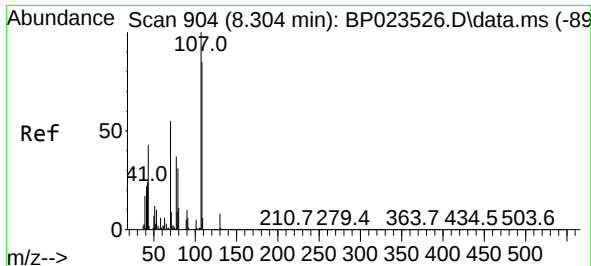
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 20.167 ng/ul  
RT: 8.316 min Scan# 906  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

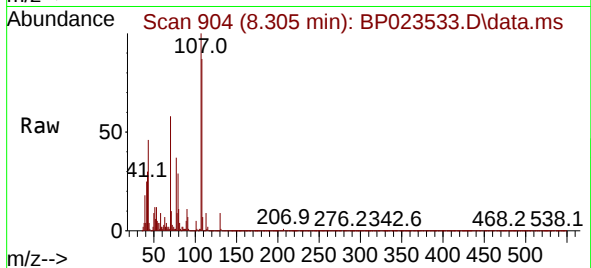
Tgt Ion: 70 Resp: 258679  
Ion Ratio Lower Upper  
70 100  
42 46.6 43.5 65.3  
101 9.2 6.8 10.2  
130 16.6 14.0 21.0





#18  
4-Methylphenol  
Concen: 21.330 ng/ul  
RT: 8.305 min Scan# 904  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

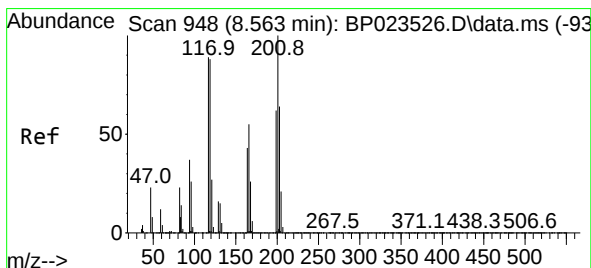
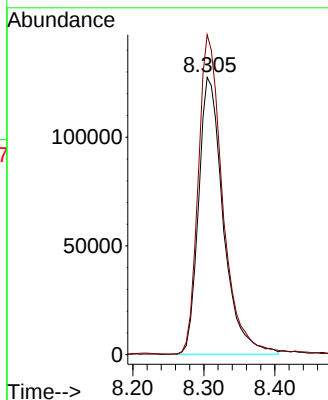
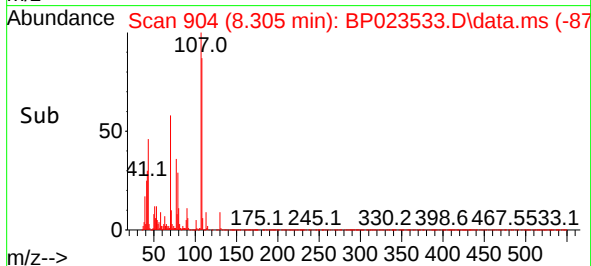
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:108 Resp: 30803  
Ion Ratio Lower Upper  
108 100  
107 115.4 95.1 142.7

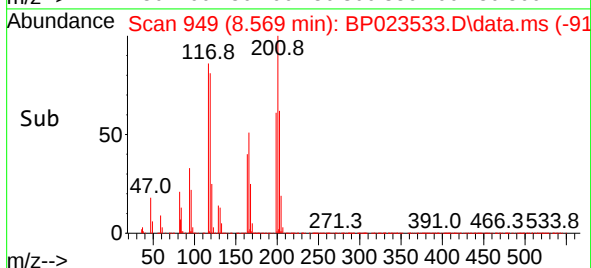
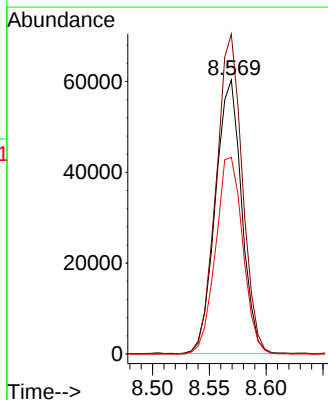
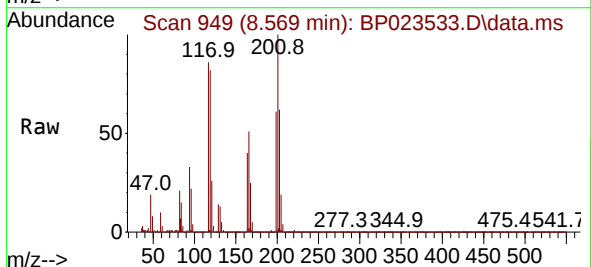
Manual Integrations  
APPROVED

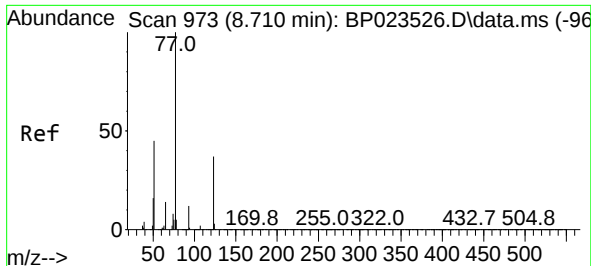
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#19  
Hexachloroethane  
Concen: 14.831 ng/ul  
RT: 8.569 min Scan# 949  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

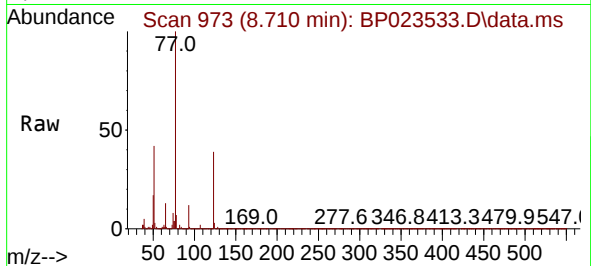
Tgt Ion:117 Resp: 96826  
Ion Ratio Lower Upper  
117 100  
201 116.8 107.0 160.6  
199 71.7 62.1 93.1





#22  
Nitrobenzene  
Concen: 18.633 ng/ul  
RT: 8.710 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

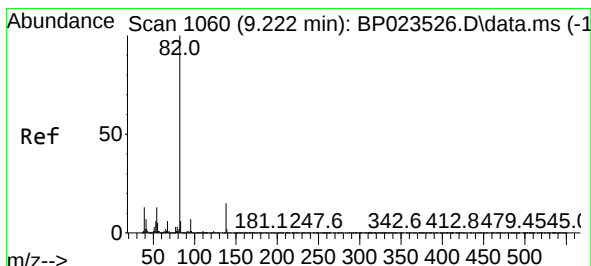
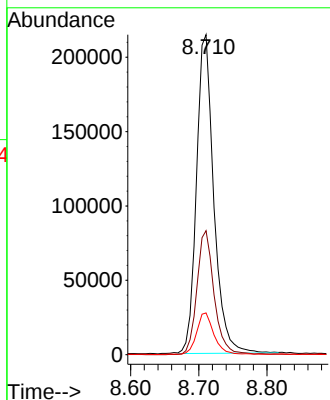
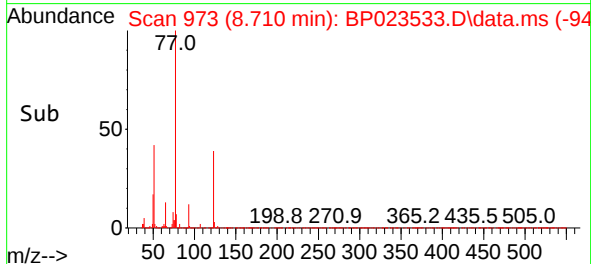
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



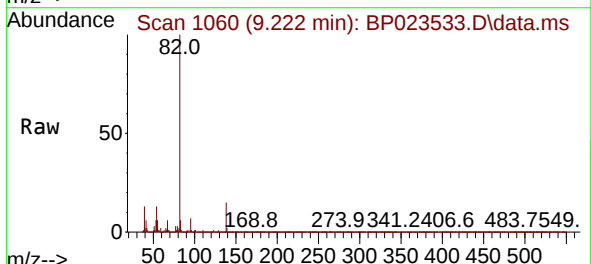
Tgt Ion: 77 Resp: 378850  
Ion Ratio Lower Upper  
77 100  
123 38.7 29.8 44.6  
65 13.0 11.0 16.6

Manual Integrations  
APPROVED

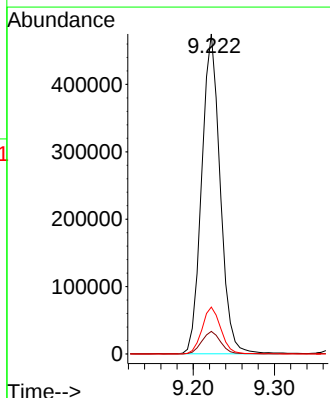
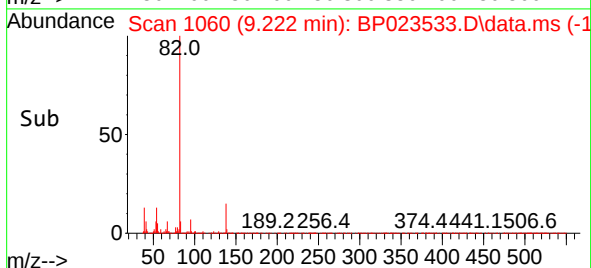
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

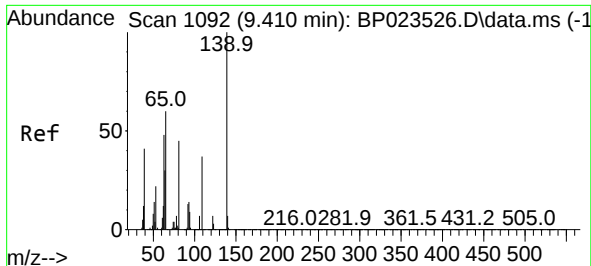


#23  
Isophorone  
Concen: 20.827 ng/ul  
RT: 9.222 min Scan# 1060  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



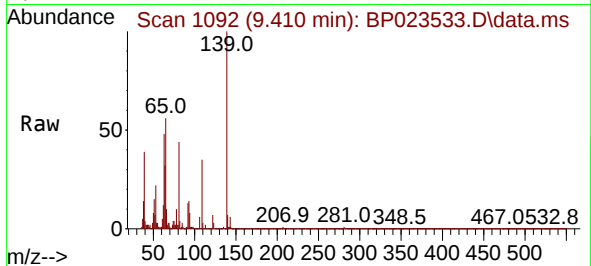
Tgt Ion: 82 Resp: 750052  
Ion Ratio Lower Upper  
82 100  
95 7.1 7.0 10.4  
138 14.6 12.0 18.0





#25  
2-Nitrophenol  
Concen: 19.868 ng/ul  
RT: 9.410 min Scan# 1092  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

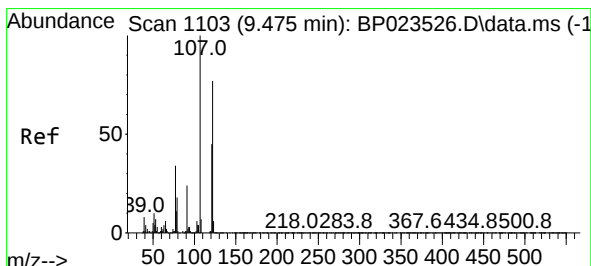
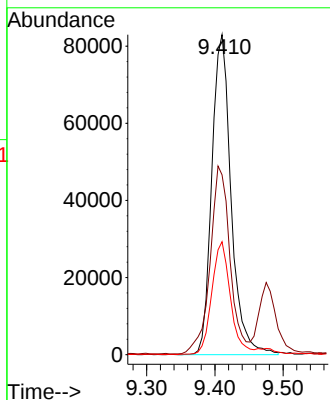
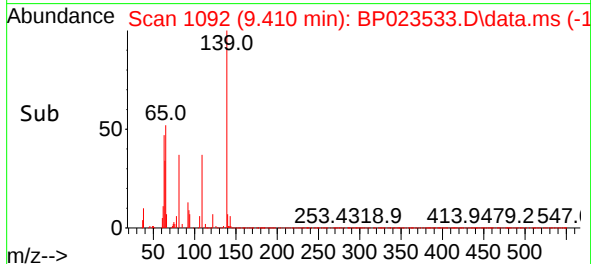
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:139 Resp: 16344  
Ion Ratio Lower Upper  
139 100  
65 56.2 55.1 82.7  
109 35.3 39.1 58.7

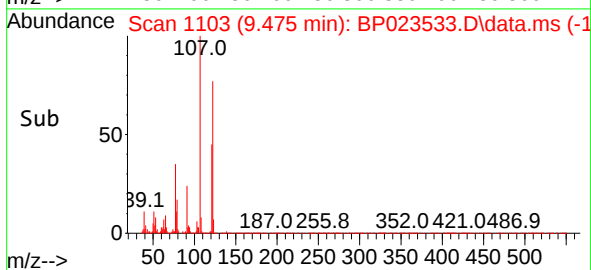
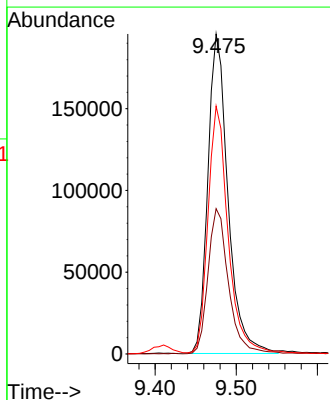
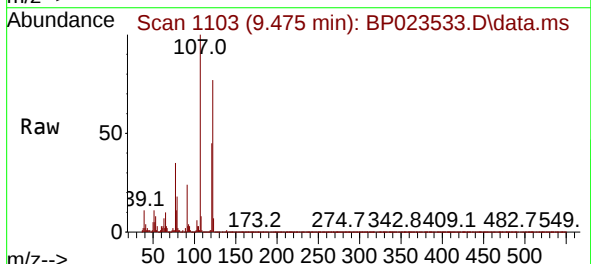
Manual Integrations  
APPROVED

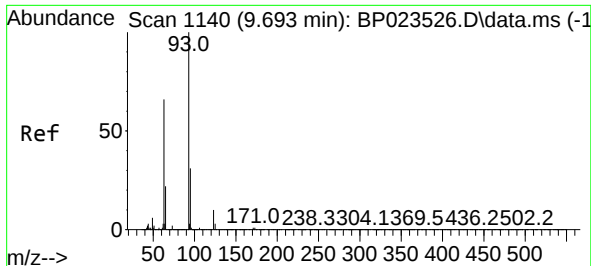
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#26  
2,4-Dimethylphenol  
Concen: 18.476 ng/ul  
RT: 9.475 min Scan# 1103  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

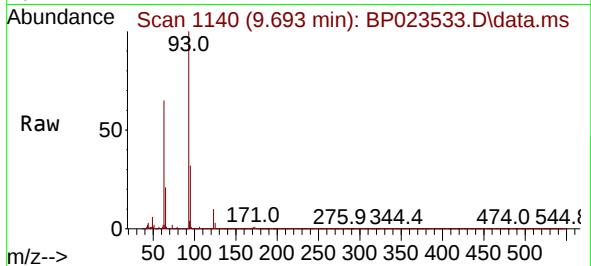
Tgt Ion:107 Resp: 336570  
Ion Ratio Lower Upper  
107 100  
121 45.4 36.6 55.0  
122 77.4 58.6 87.8





#27  
Bis(2-Chloroethoxy)methane  
Concen: 21.433 ng/ul  
RT: 9.693 min Scan# 1140  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

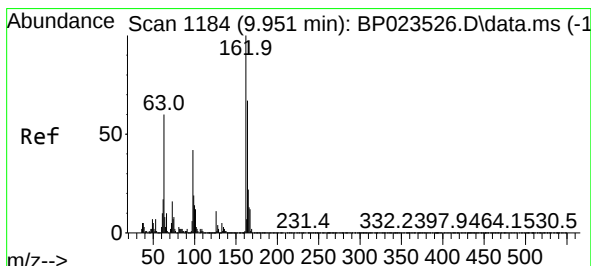
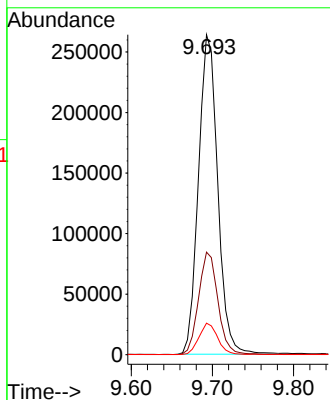
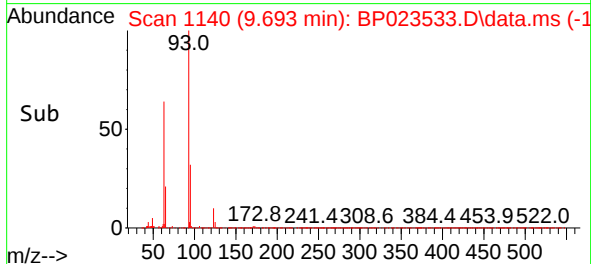
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion: 93 Resp: 436095  
Ion Ratio Lower Upper  
93 100  
95 32.1 25.0 37.4  
123 9.8 7.8 11.6

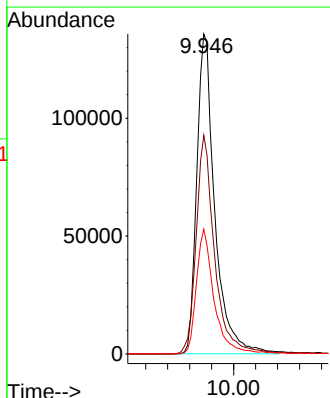
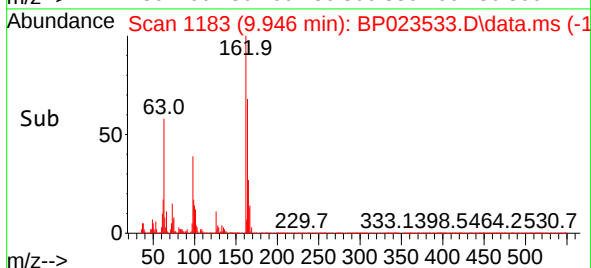
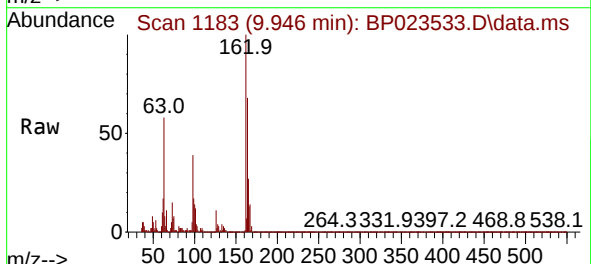
Manual Integrations  
APPROVED

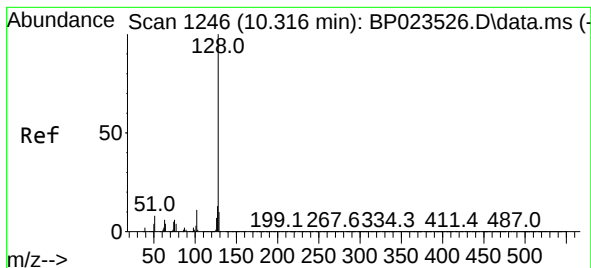
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#29  
2,4-Dichlorophenol  
Concen: 19.193 ng/ul  
RT: 9.946 min Scan# 1183  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:162 Resp: 309183  
Ion Ratio Lower Upper  
162 100  
164 68.3 53.0 79.6  
98 39.0 30.3 45.5





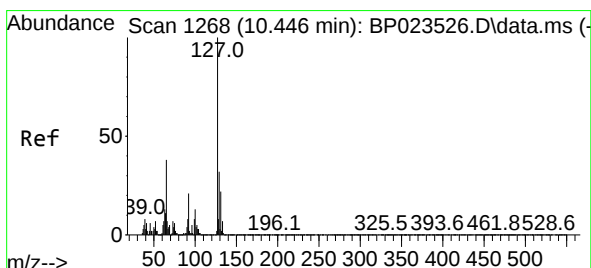
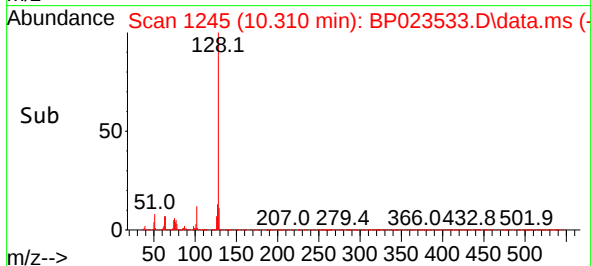
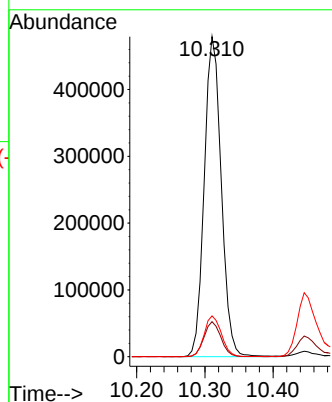
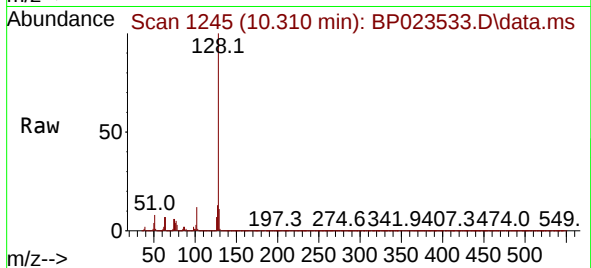
#30  
Naphthalene  
Concen: 17.719 ng/ul  
RT: 10.310 min Scan# 1245  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:128 Resp: 83005  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 12.8 10.5 15.7

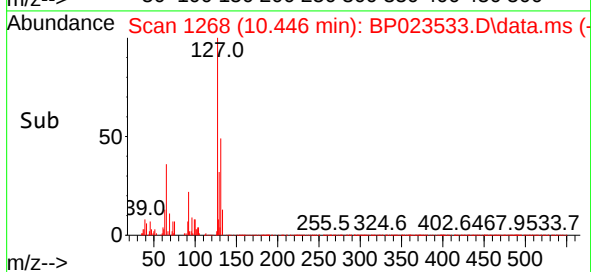
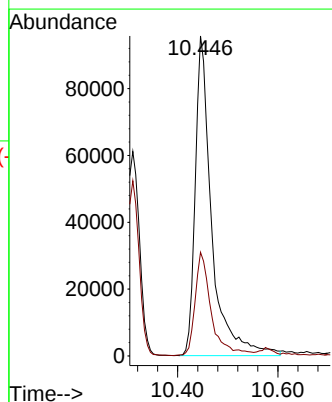
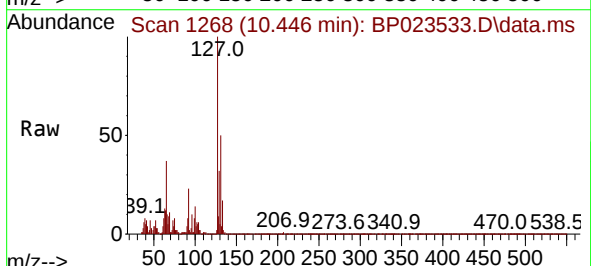
Manual Integrations  
APPROVED

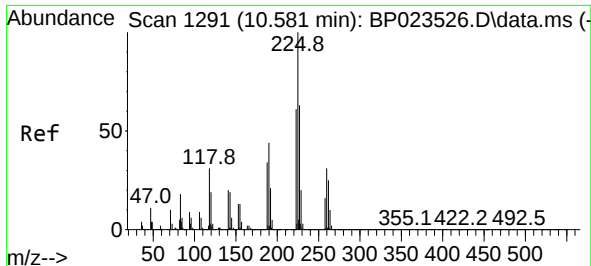
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#32  
4-Chloroaniline  
Concen: 12.336 ng/ul  
RT: 10.446 min Scan# 1268  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

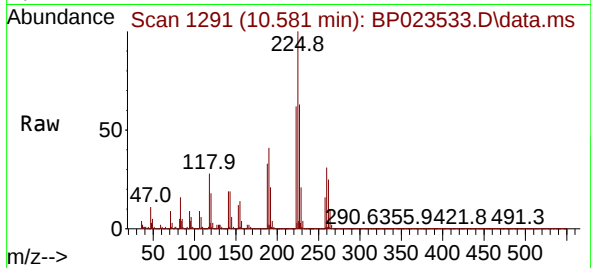
Tgt Ion:127 Resp: 217816  
Ion Ratio Lower Upper  
127 100  
129 32.4 25.9 38.9





#33  
Hexachlorobutadiene  
Concen: 11.743 ng/ul  
RT: 10.581 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

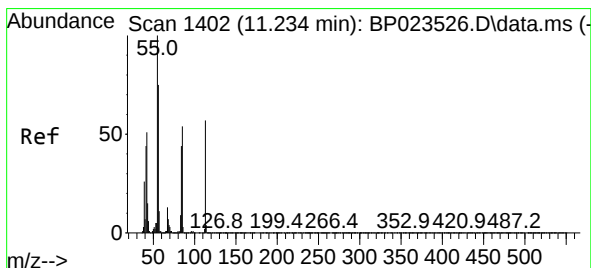
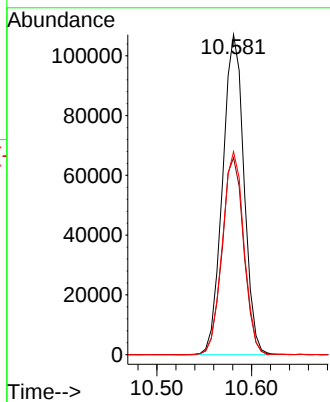
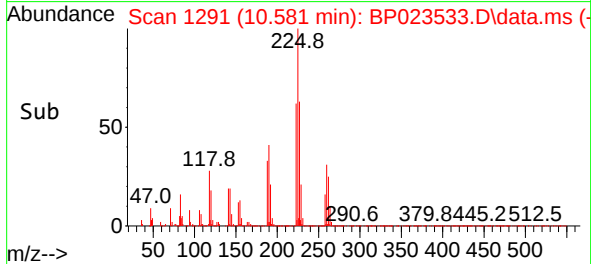
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:225 Resp: 167798  
Ion Ratio Lower Upper  
225 100  
223 61.6 51.4 77.2  
227 63.4 53.0 79.4

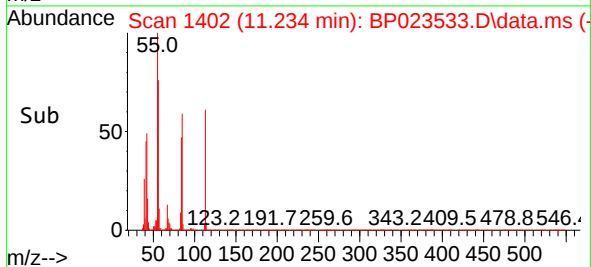
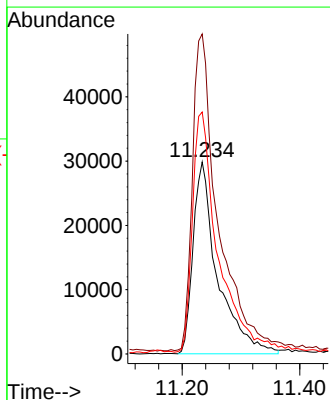
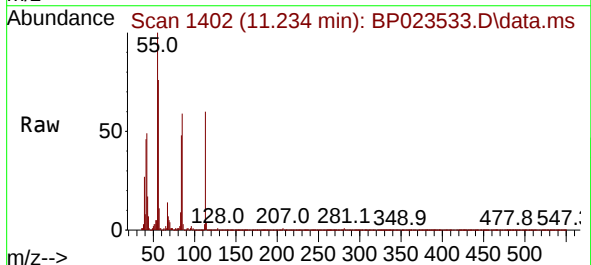
Manual Integrations  
APPROVED

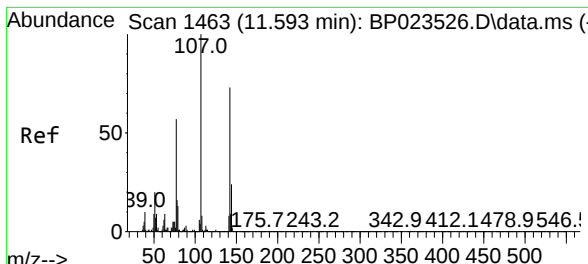
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#34  
Caprolactam  
Concen: 18.414 ng/ul  
RT: 11.234 min Scan# 1402  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:113 Resp: 86554  
Ion Ratio Lower Upper  
113 100  
55 166.7 127.5 191.3  
56 126.0 100.7 151.1



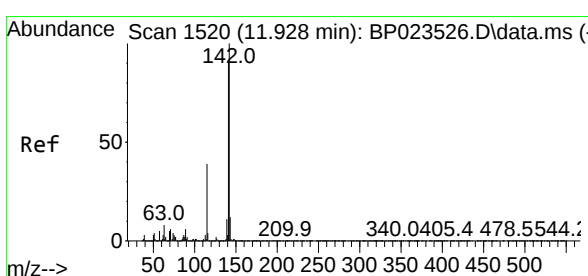
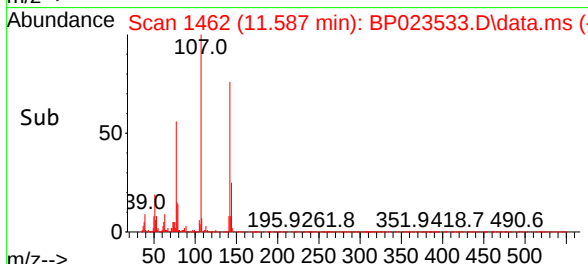
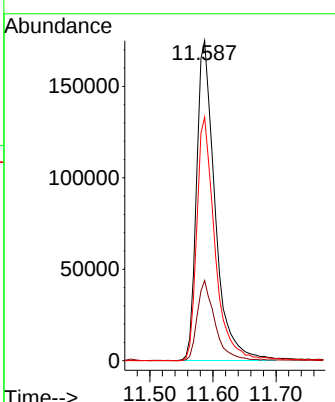
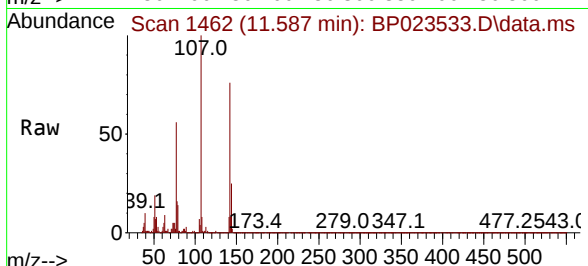


#35  
 4-Chloro-3-methylphenol  
 Concen: 20.323 ng/ul  
 RT: 11.587 min Scan# 1462  
 Delta R.T. -0.012 min  
 Lab File: BP023533.D  
 Acq: 19 Dec 2024 18:41

Instrument : BNA\_P  
 ClientSampleId : E28Y9MSD

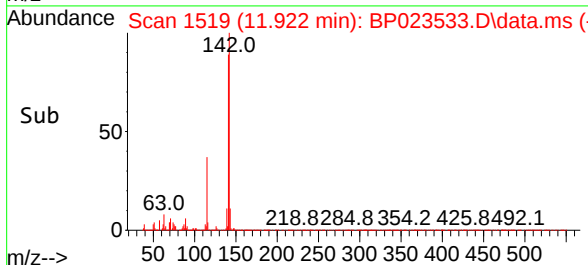
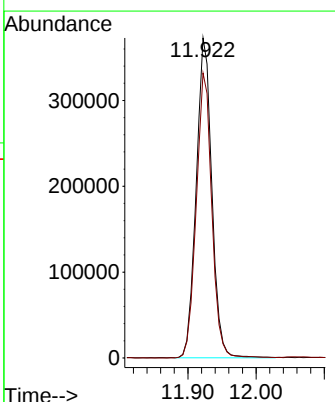
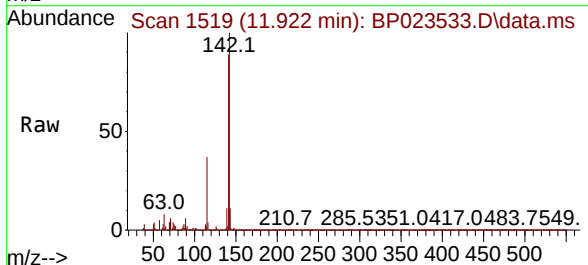
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 35549 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 25.0  | 17.9  | 26.9  |
| 142       | 76.1  | 53.0  | 79.4  |

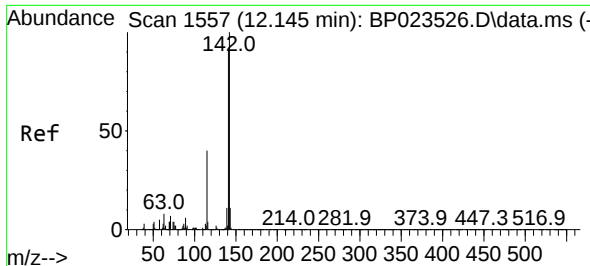
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024



#36  
 2-Methylnaphthalene  
 Concen: 17.060 ng/ul  
 RT: 11.922 min Scan# 1519  
 Delta R.T. -0.024 min  
 Lab File: BP023533.D  
 Acq: 19 Dec 2024 18:41

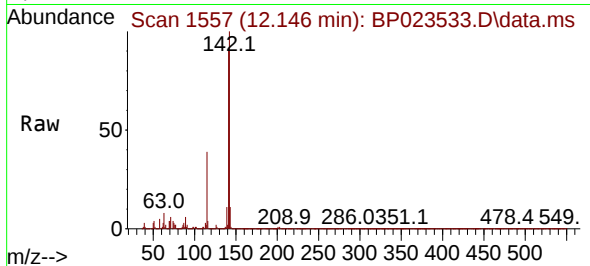
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 592644 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.0  | 69.0  | 103.6  |





#37  
1-Methylnaphthalene  
Concen: 16.986 ng/ul  
RT: 12.146 min Scan# 1557  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

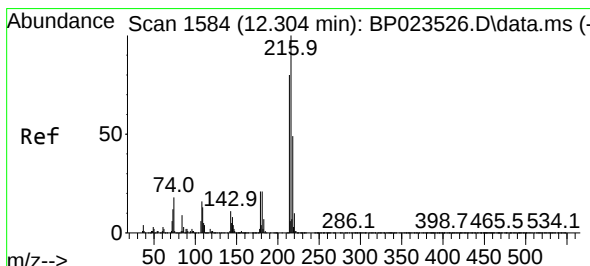
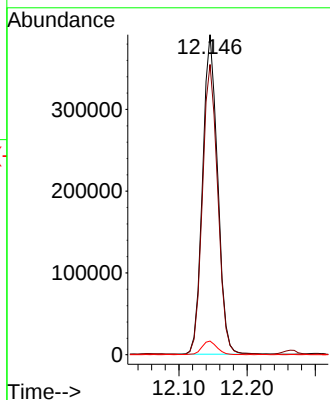
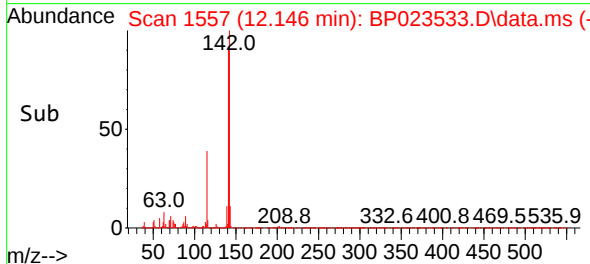
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



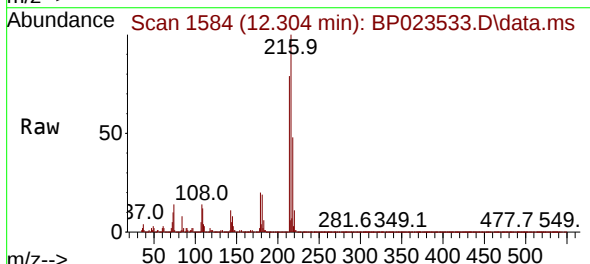
Tgt Ion:142 Resp: 60129  
Ion Ratio Lower Upper  
142 100  
141 90.7 71.1 106.7  
116 4.3 4.0 6.0

Manual Integrations  
APPROVED

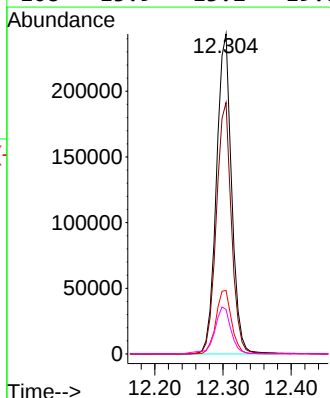
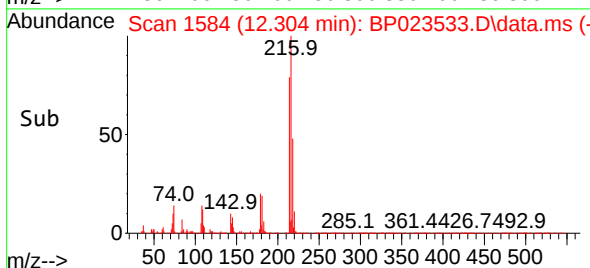
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

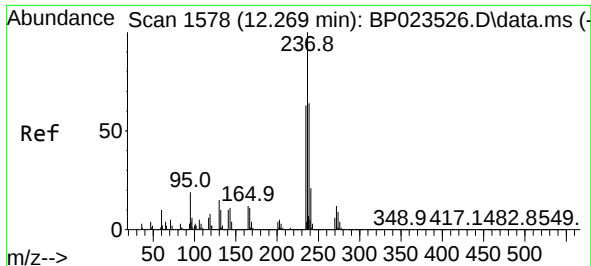


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 15.035 ng/ul  
RT: 12.304 min Scan# 1584  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



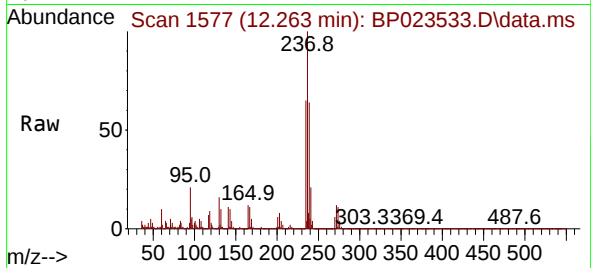
Tgt Ion:216 Resp: 377177  
Ion Ratio Lower Upper  
216 100  
214 78.6 64.4 96.6  
179 19.9 16.4 24.6  
108 13.9 13.2 19.8





#40  
Hexachlorocyclopentadiene  
Concen: 6.357 ng/ul  
RT: 12.263 min Scan# 1578  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

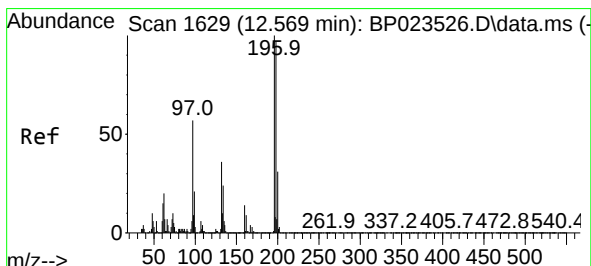
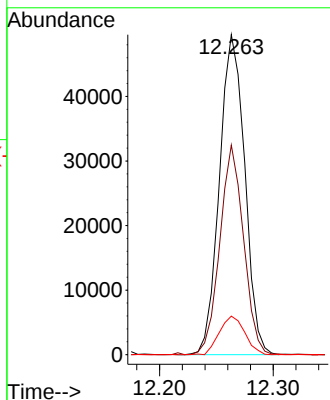
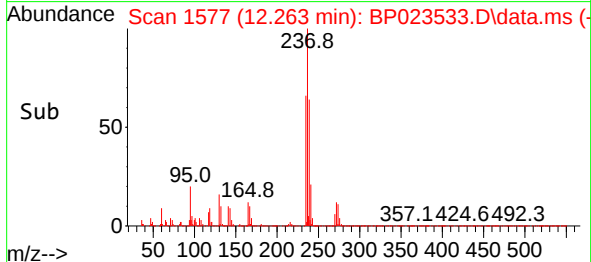
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



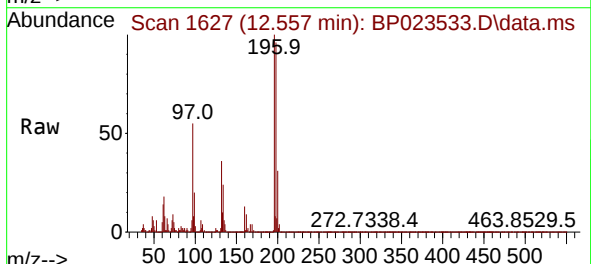
Tgt Ion:237 Resp: 76630  
Ion Ratio Lower Upper  
237 100  
235 65.5 50.5 75.7  
272 12.7 9.5 14.3

Manual Integrations  
APPROVED

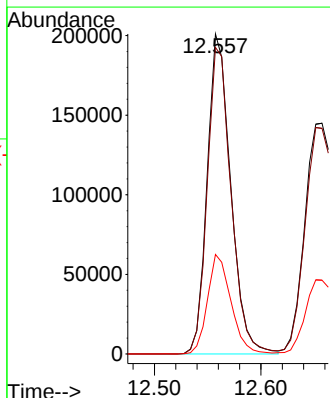
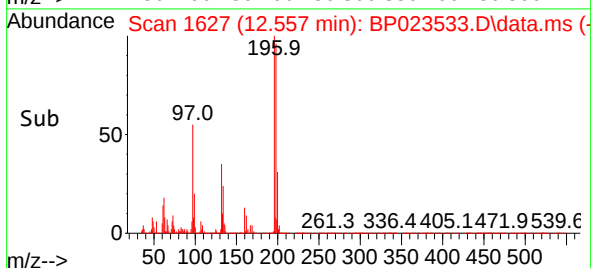
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

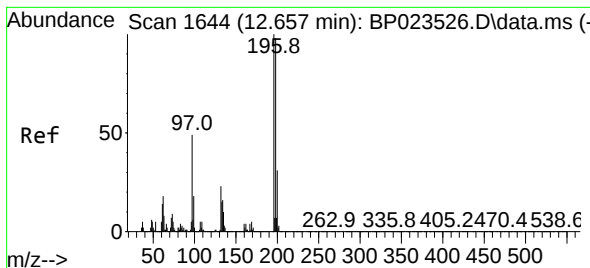


#41  
2,4,6-Trichlorophenol  
Concen: 20.826 ng/ul  
RT: 12.557 min Scan# 1627  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



Tgt Ion:196 Resp: 309197  
Ion Ratio Lower Upper  
196 100  
198 95.8 77.5 116.3  
200 31.1 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 19.853 ng/ul

RT: 12.657 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA\_P

ClientSampleId :

E28Y9MSD

Tgt Ion:196 Resp: 314914

Ion Ratio Lower Upper

196 100

198 97.8 76.3 114.5

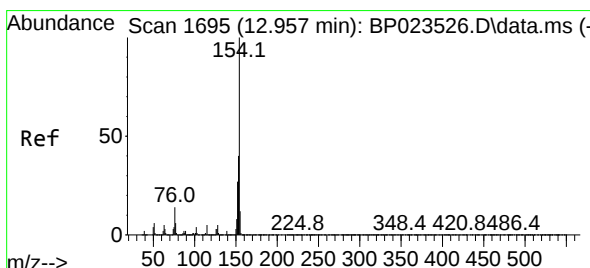
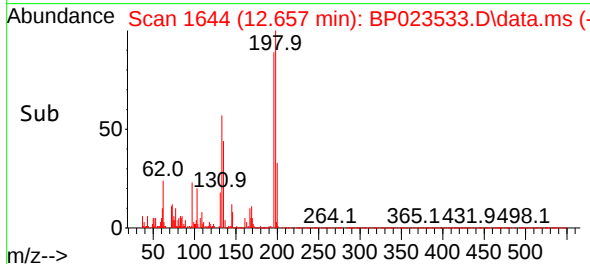
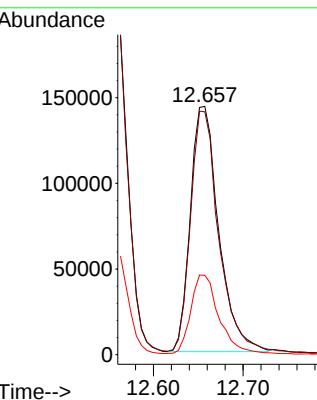
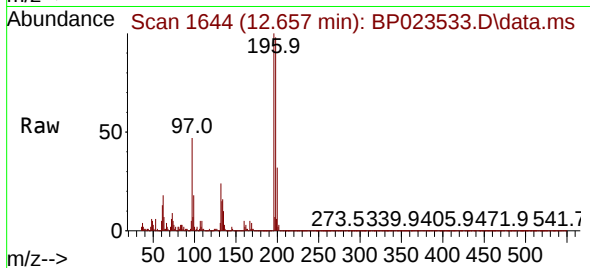
200 32.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#43

1,1'-Biphenyl

Concen: 17.395 ng/ul

RT: 12.946 min Scan# 1693

Delta R.T. -0.018 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

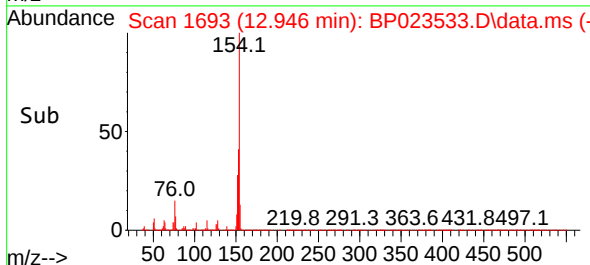
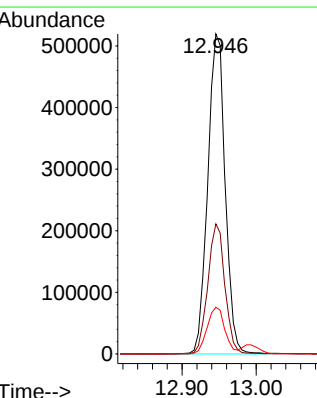
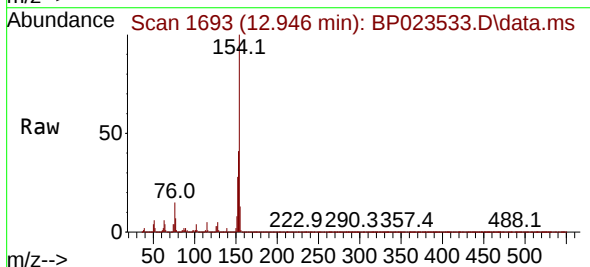
Tgt Ion:154 Resp: 847307

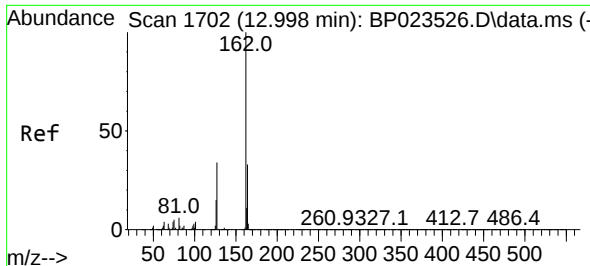
Ion Ratio Lower Upper

154 100

153 40.6 32.8 49.2

76 14.6 10.0 15.0





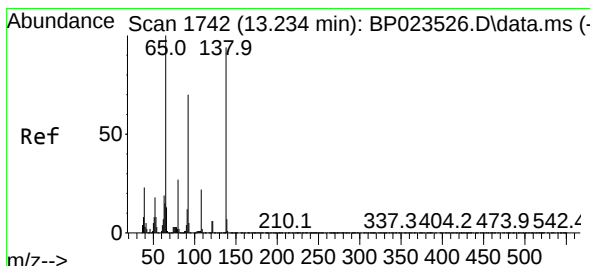
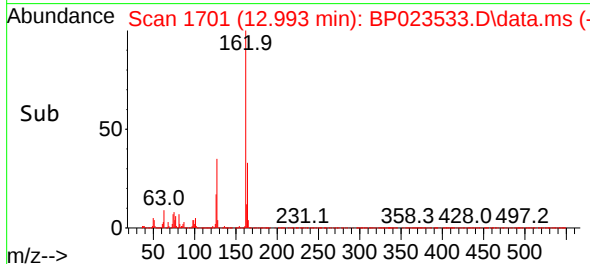
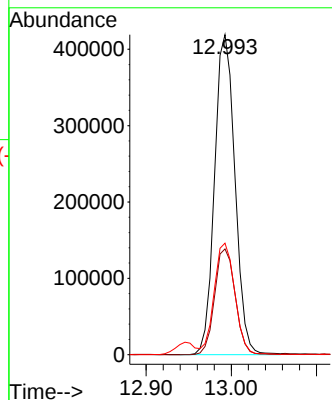
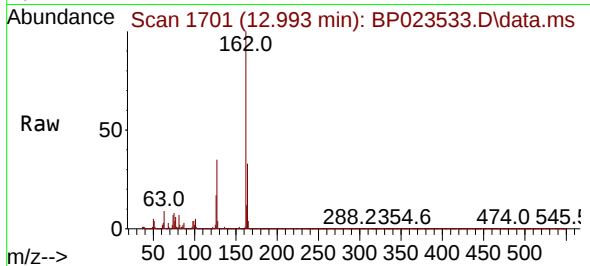
#44  
2-Chloronaphthalene  
Concen: 17.731 ng/ul  
RT: 12.993 min Scan# 1701  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:162 Resp: 698609  
Ion Ratio Lower Upper  
162 100  
164 33.0 25.8 38.6  
127 34.9 31.2 46.8

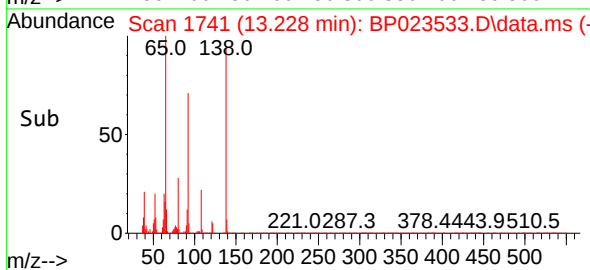
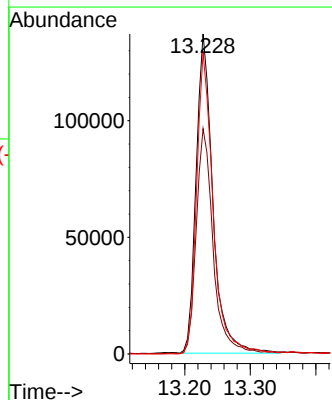
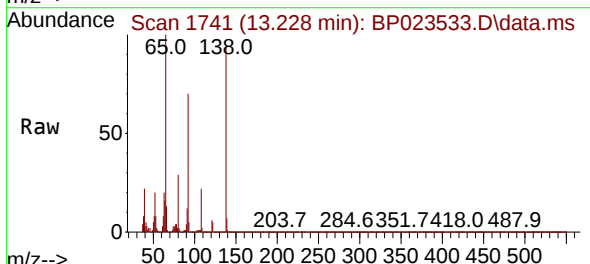
Manual Integrations  
APPROVED

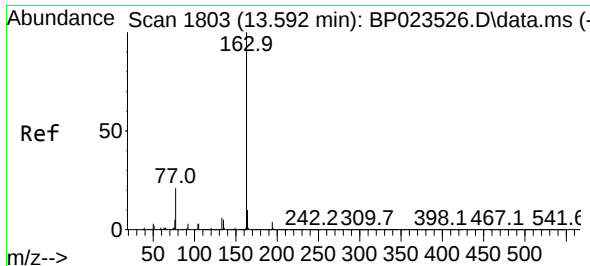
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#45  
2-Nitroaniline  
Concen: 21.334 ng/ul  
RT: 13.228 min Scan# 1741  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

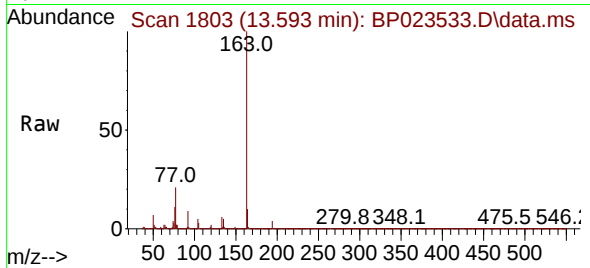
Tgt Ion: 65 Resp: 243533  
Ion Ratio Lower Upper  
65 100  
92 70.4 50.5 75.7  
138 94.1 68.0 102.0





#47  
Dimethylphthalate  
Concen: 19.133 ng/ul  
RT: 13.593 min Scan# 1803  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

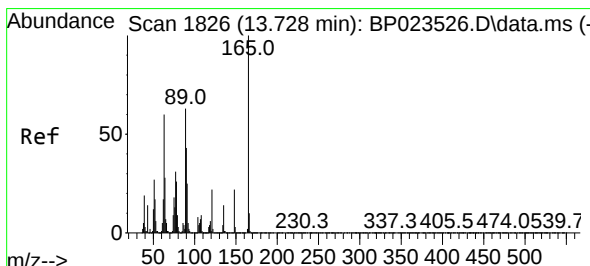
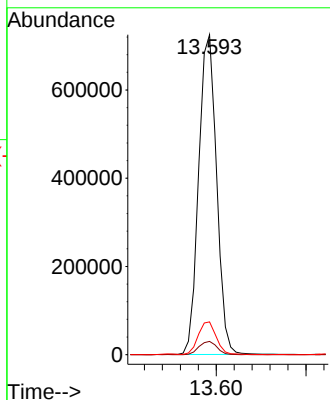
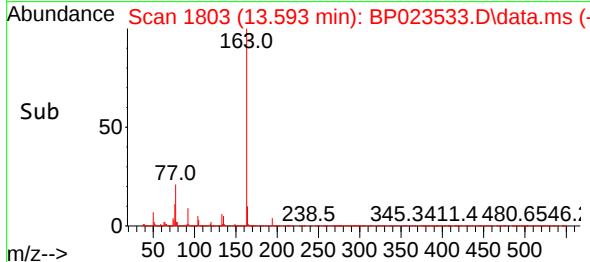
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



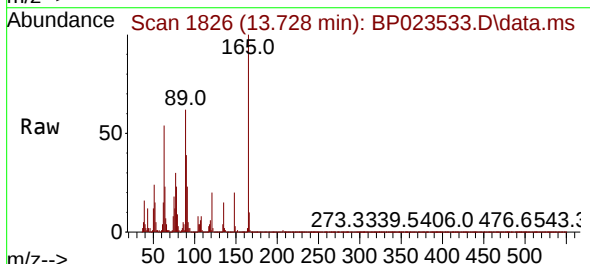
Tgt Ion:163 Resp: 1005860  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.2 8.6 13.0

Manual Integrations  
APPROVED

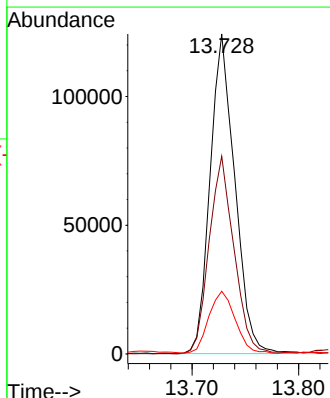
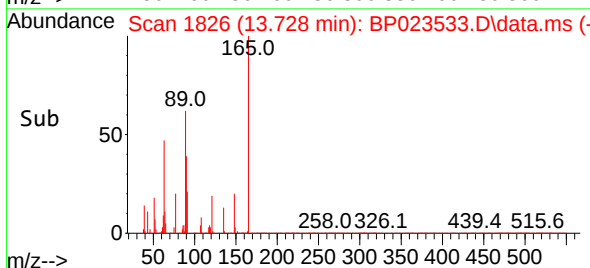
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

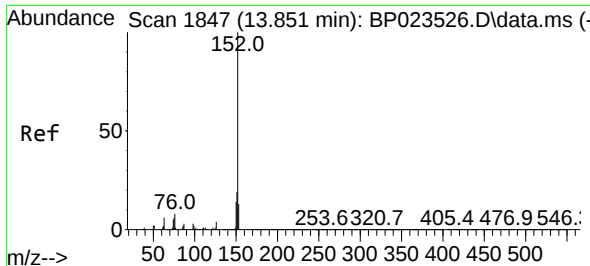


#48  
2,6-Dinitrotoluene  
Concen: 19.796 ng/ul  
RT: 13.728 min Scan# 1826  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



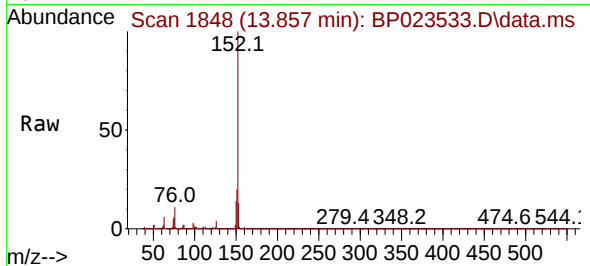
Tgt Ion:165 Resp: 199408  
Ion Ratio Lower Upper  
165 100  
89 61.8 55.4 83.0  
121 19.6 18.2 27.2





#50  
Acenaphthylene  
Concen: 17.987 ng/ul  
RT: 13.857 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

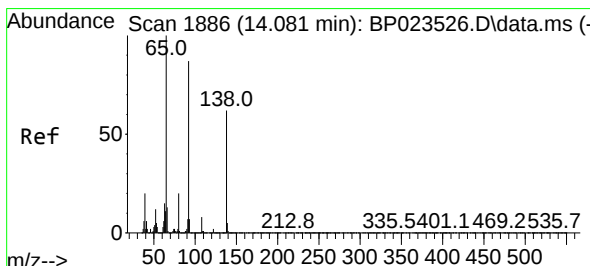
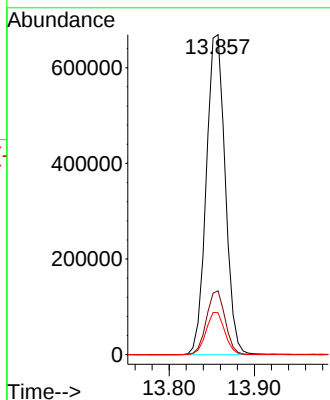
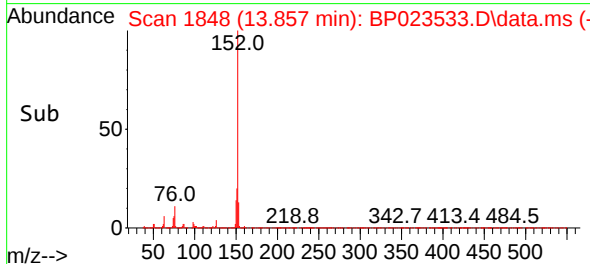
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



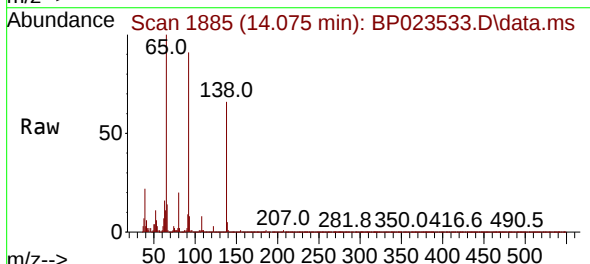
Tgt Ion:152 Resp: 103114  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.1 10.5 15.7

Manual Integrations  
APPROVED

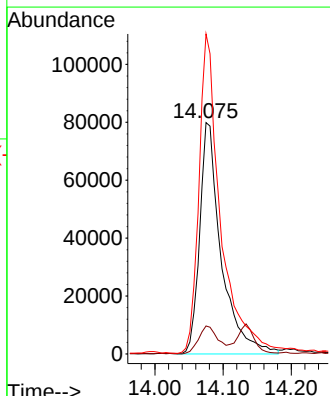
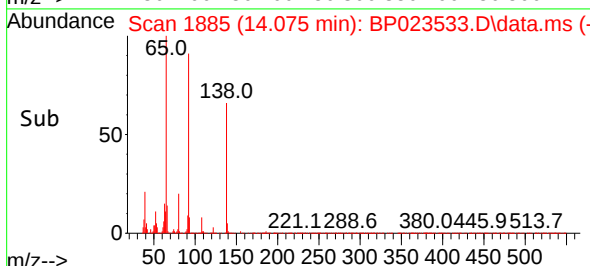
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

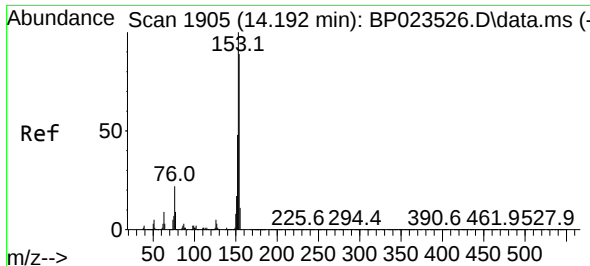


#51  
3-Nitroaniline  
Concen: 20.785 ng/ul  
RT: 14.075 min Scan# 1885  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



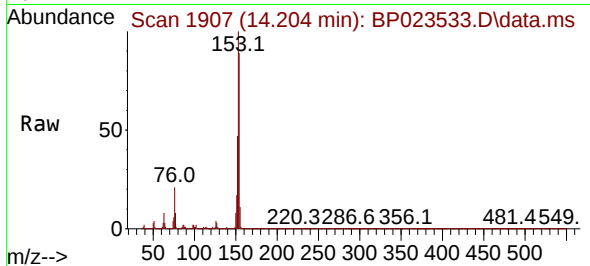
Tgt Ion:138 Resp: 175480  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.8 14.8  
92 138.3 105.8 158.8





#52  
Acenaphthene  
Concen: 17.218 ng/ul  
RT: 14.204 min Scan# 1905  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

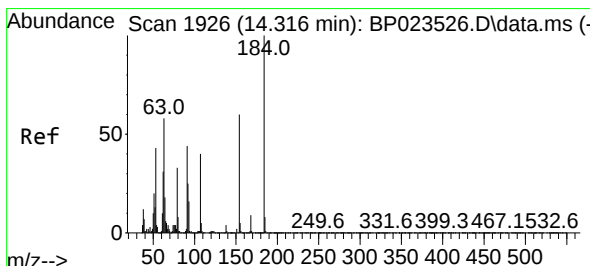
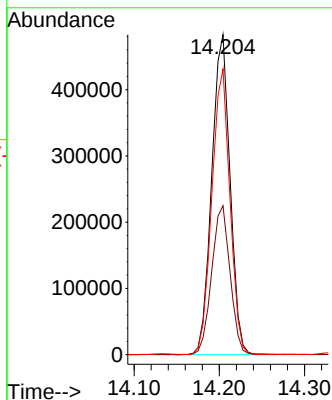
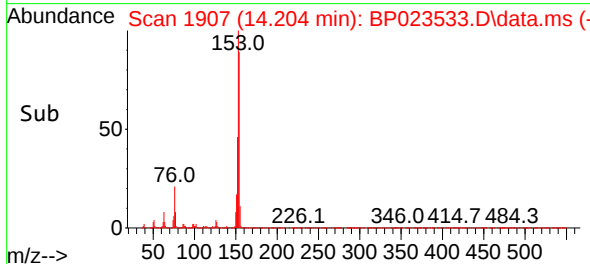
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



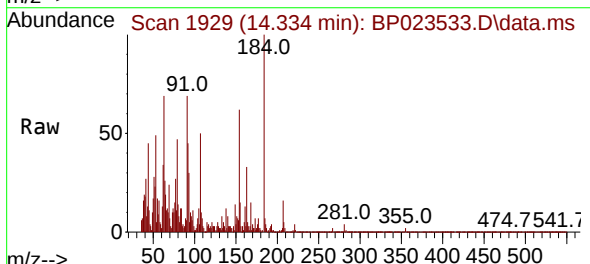
Tgt Ion:153 Resp: 72144  
Ion Ratio Lower Upper  
153 100  
152 46.5 39.0 58.6  
154 89.3 71.0 106.4

Manual Integrations  
APPROVED

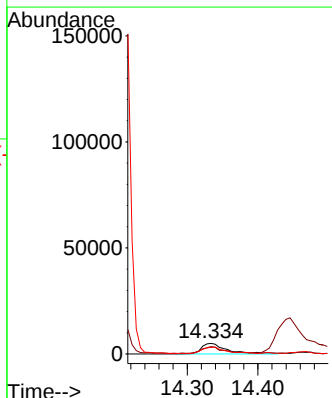
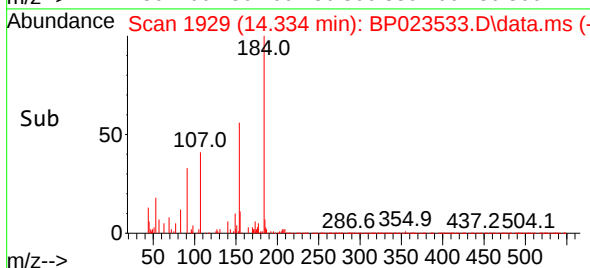
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

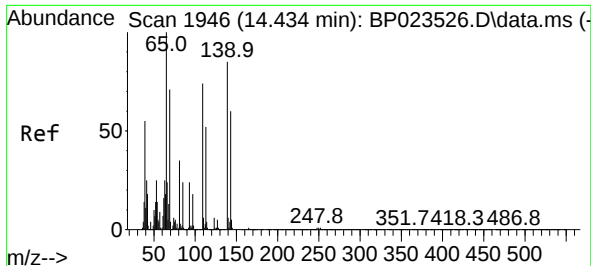


#53  
2,4-Dinitrophenol  
Concen: 1.948 ng/ul m  
RT: 14.334 min Scan# 1929  
Delta R.T. 0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



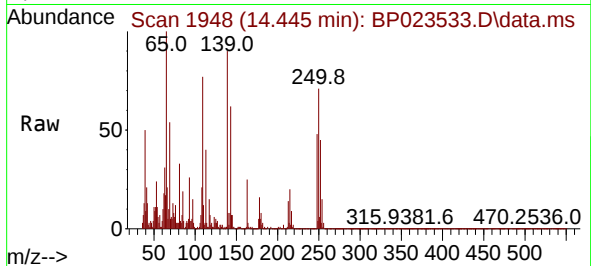
Tgt Ion:184 Resp: 12655  
Ion Ratio Lower Upper  
184 100  
63 69.4 50.4 75.6  
154 61.6 57.9 86.9





#55  
4-Nitrophenol  
Concen: 15.185 ng/ul  
RT: 14.445 min Scan# 1946  
Delta R.T. 0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

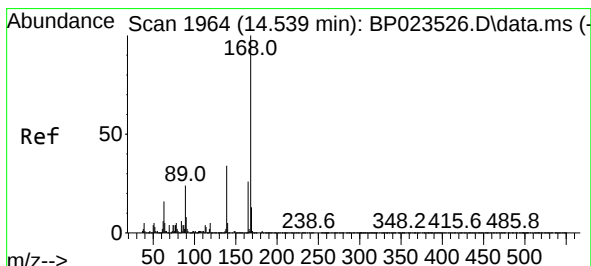
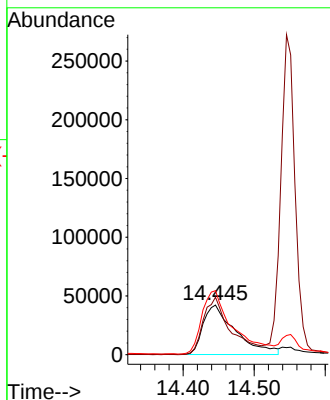
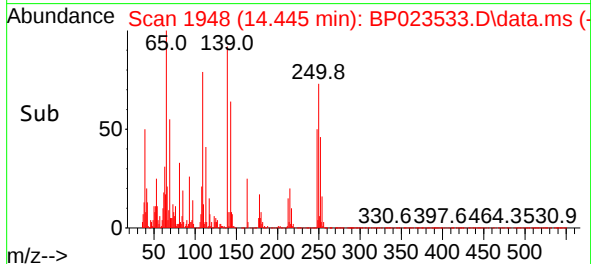
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:109 Resp: 13379  
Ion Ratio Lower Upper  
109 100  
139 115.7 66.7 100.1  
65 129.1 86.1 129.1

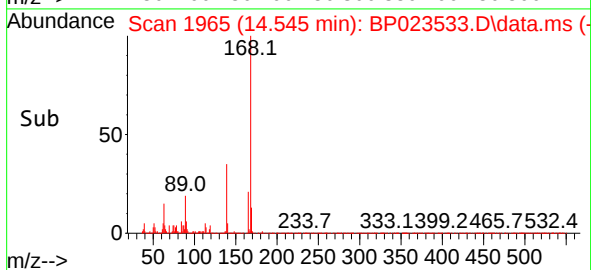
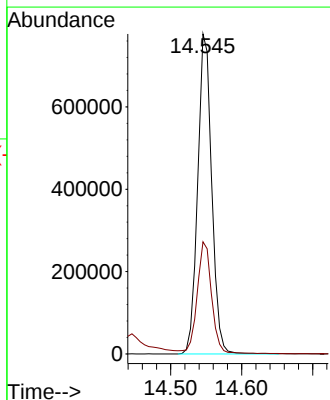
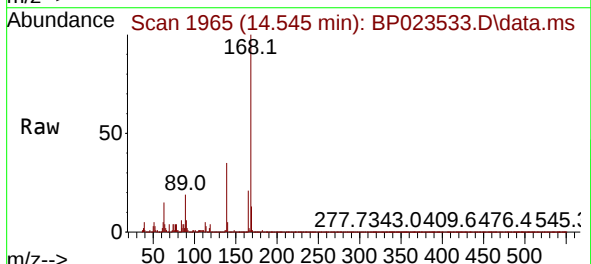
Manual Integrations  
APPROVED

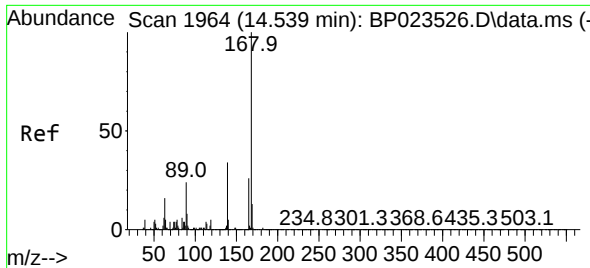
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#56  
Dibenzofuran  
Concen: 16.776 ng/ul  
RT: 14.545 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:168 Resp: 1067525  
Ion Ratio Lower Upper  
168 100  
139 35.1 31.0 46.4





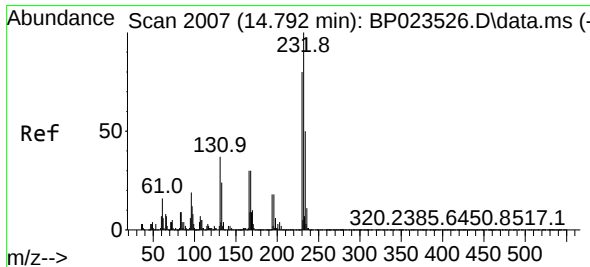
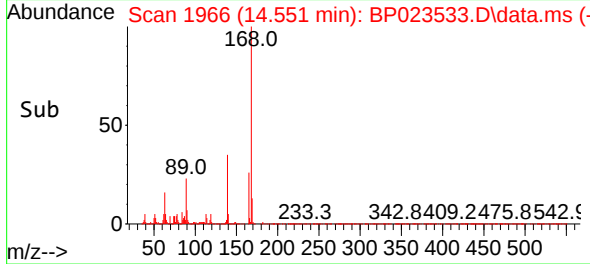
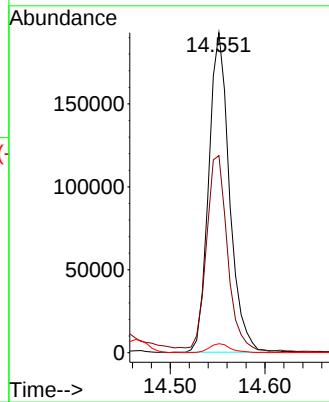
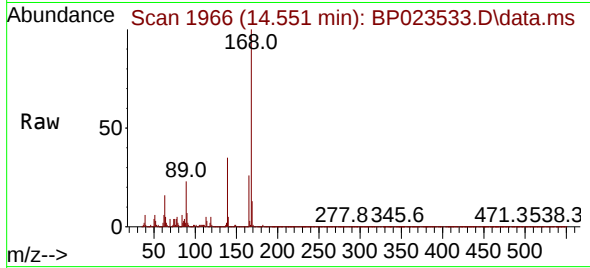
#57  
2,4-Dinitrotoluene  
Concen: 18.131 ng/ul  
RT: 14.551 min Scan# 1966  
Delta R.T. -0.000 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:165 Resp: 29430  
Ion Ratio Lower Upper  
165 100  
63 61.6 52.2 78.2  
182 2.8 2.3 3.5

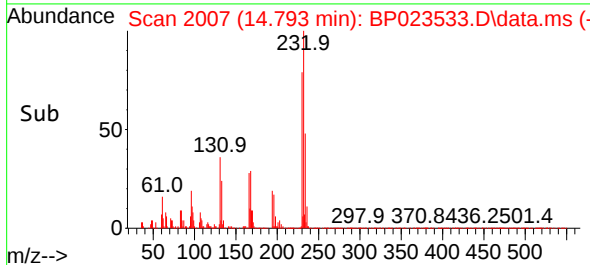
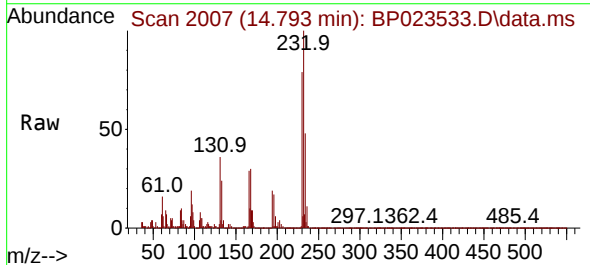
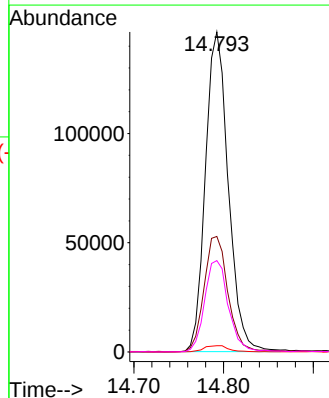
Manual Integrations  
APPROVED

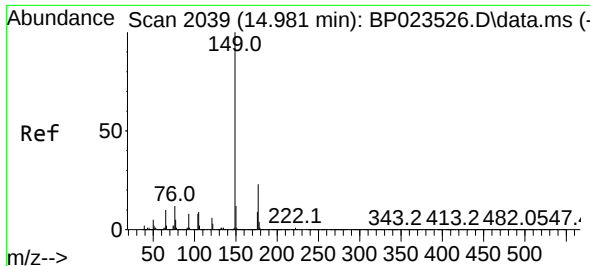
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 16.490 ng/ul  
RT: 14.793 min Scan# 2007  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:232 Resp: 259680  
Ion Ratio Lower Upper  
232 100  
131 36.1 32.2 48.2  
130 1.9 2.1 3.1#  
166 28.6 24.0 36.0





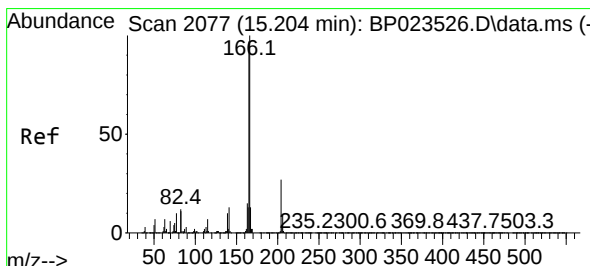
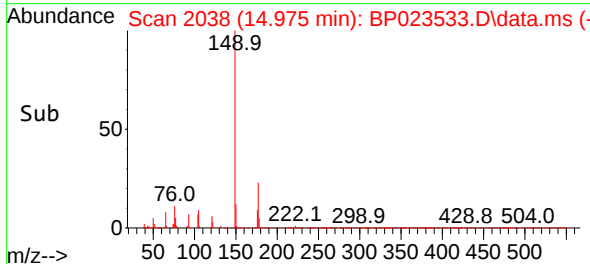
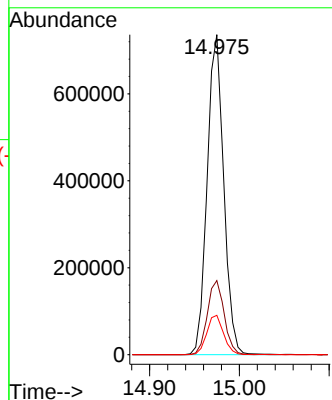
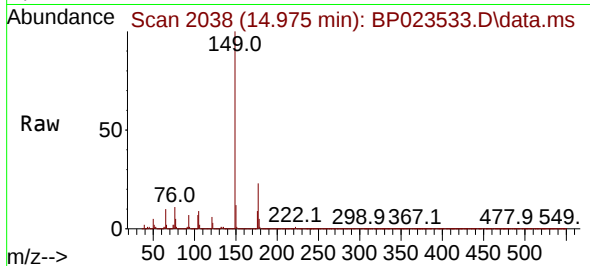
#59  
Diethylphthalate  
Concen: 17.972 ng/ul  
RT: 14.975 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:149 Resp: 942250  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.4 27.6  
150 12.3 9.8 14.8

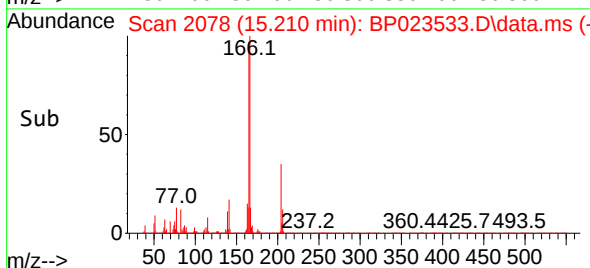
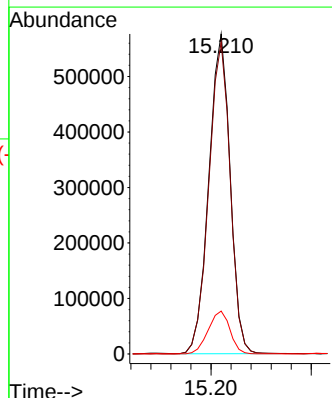
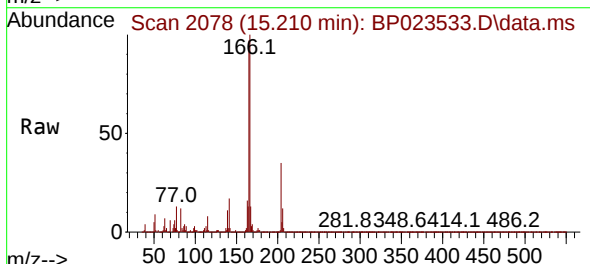
Manual Integrations  
APPROVED

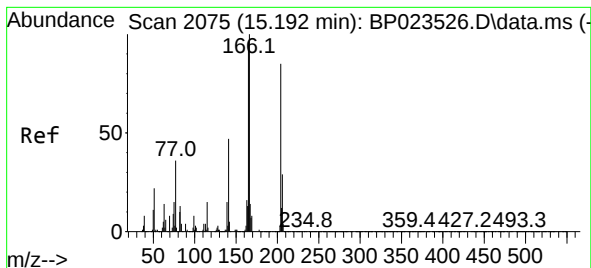
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#61  
Fluorene  
Concen: 16.401 ng/ul  
RT: 15.210 min Scan# 2078  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:166 Resp: 849774  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.5 117.7  
167 13.4 11.1 16.7





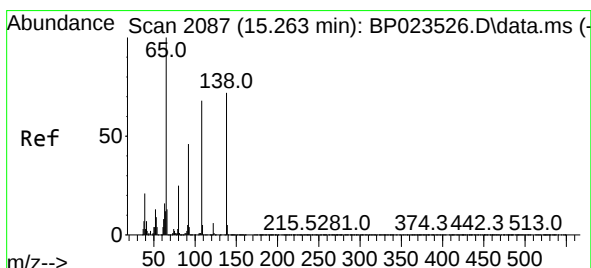
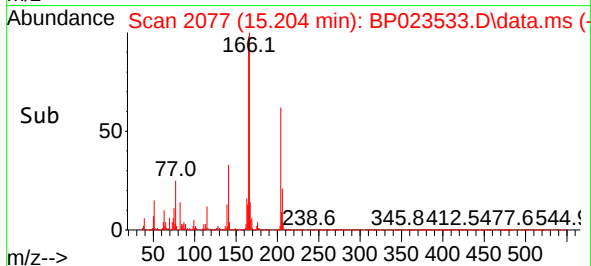
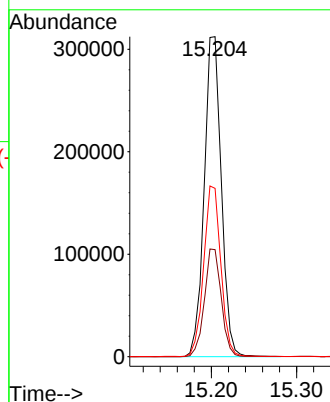
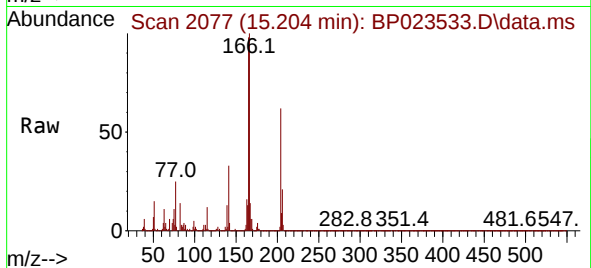
#62  
4-Chlorophenyl-phenylether  
Concen: 14.484 ng/ul  
RT: 15.204 min Scan# 2077  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:204 Resp: 43527  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.9 40.3  
141 52.6 42.4 63.6

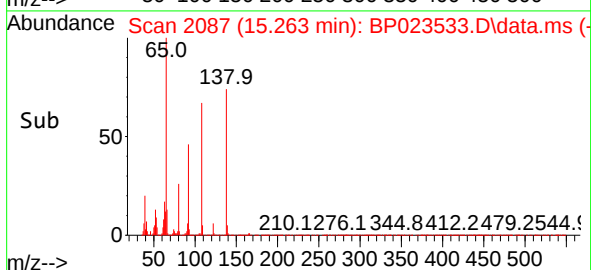
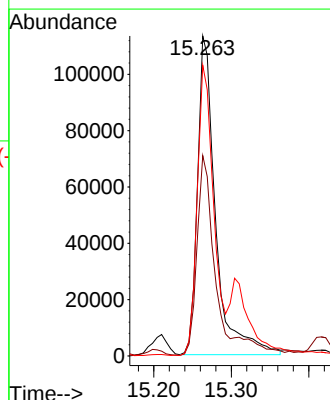
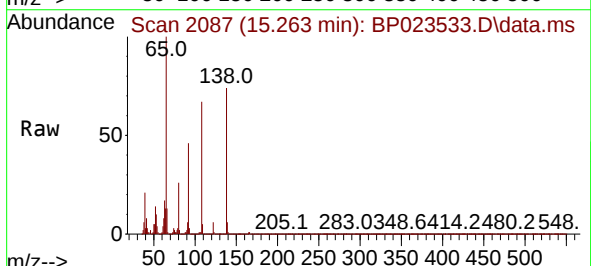
Manual Integrations  
APPROVED

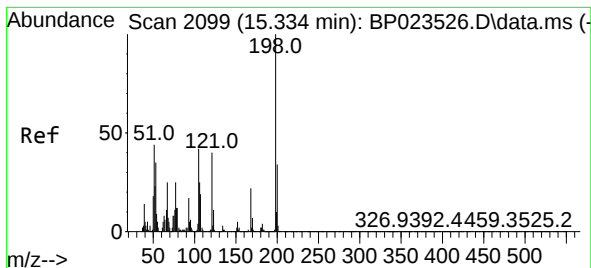
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#63  
4-Nitroaniline  
Concen: 24.873 ng/ul  
RT: 15.263 min Scan# 2087  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:138 Resp: 184698  
Ion Ratio Lower Upper  
138 100  
92 62.6 53.0 79.4  
108 90.9 96.2 144.2#





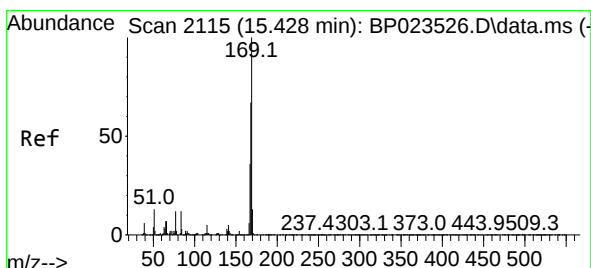
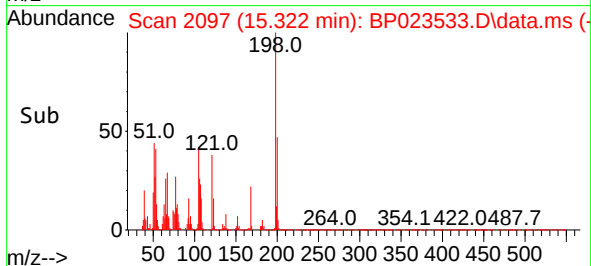
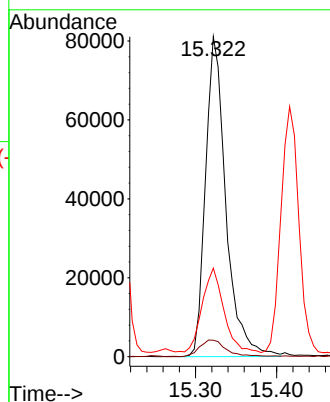
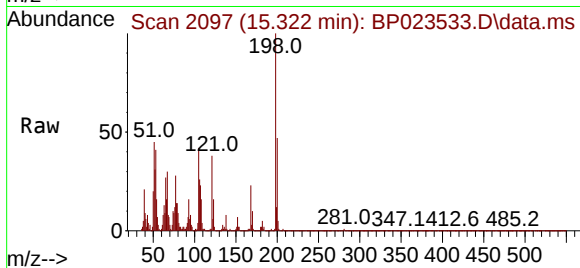
#66  
4,6-Dinitro-2-methylphenol  
Concen: 14.247 ng/ul  
RT: 15.322 min Scan# 2099  
Delta R.T. -0.006 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD

Tgt Ion:198 Resp: 14134  
Ion Ratio Lower Upper  
198 100  
182 5.1 3.7 5.5  
77 27.7 19.1 28.7

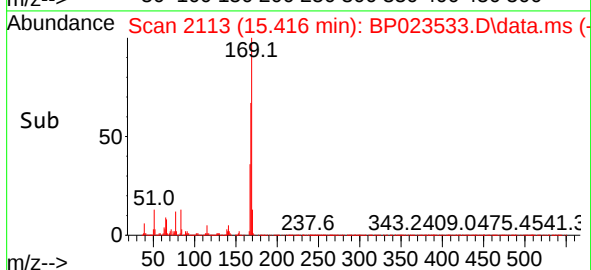
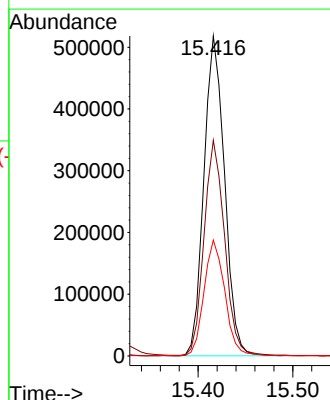
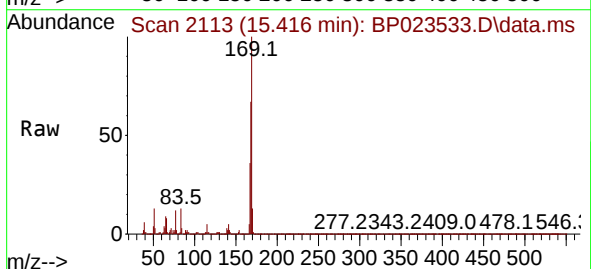
Manual Integrations  
APPROVED

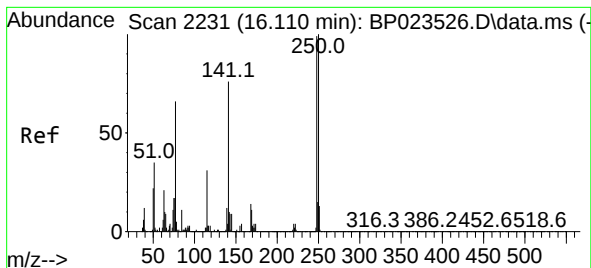
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#67  
N-Nitrosodiphenylamine  
Concen: 19.914 ng/ul  
RT: 15.416 min Scan# 2113  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

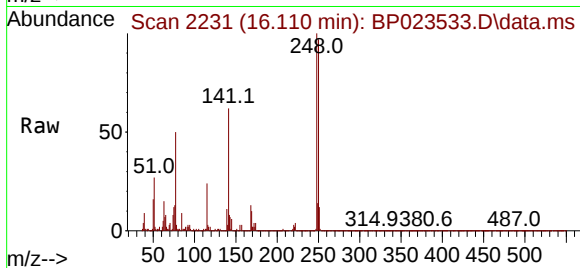
Tgt Ion:169 Resp: 786950  
Ion Ratio Lower Upper  
169 100  
168 67.4 53.3 79.9  
167 36.2 28.6 42.8





#68  
4-Bromophenyl-phenylether  
Concen: 15.490 ng/ul  
RT: 16.110 min Scan# 2111  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

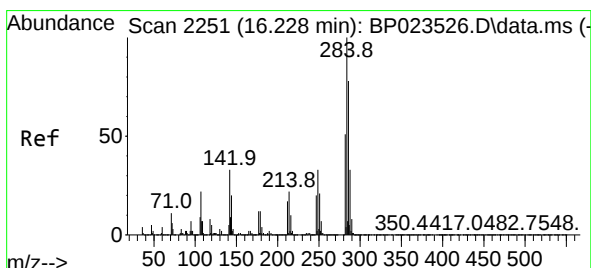
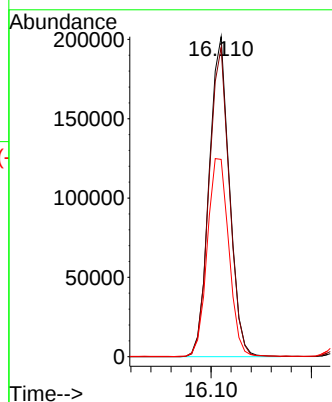
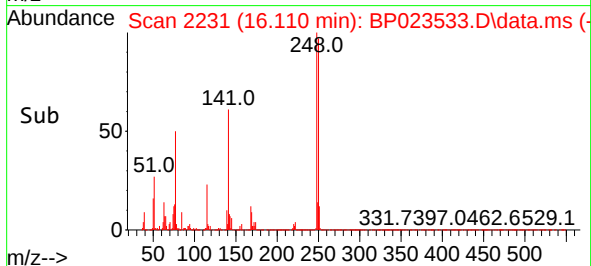
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



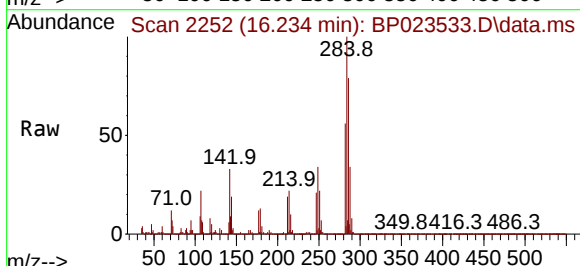
Tgt Ion:248 Resp: 282978  
Ion Ratio Lower Upper  
248 100  
250 96.6 78.5 117.7  
141 61.7 52.5 78.7

Manual Integrations  
APPROVED

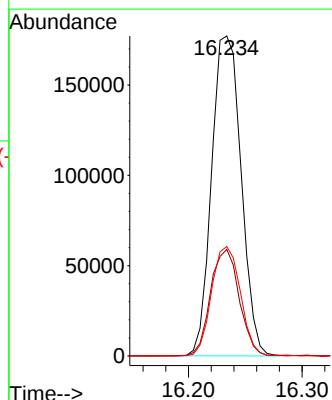
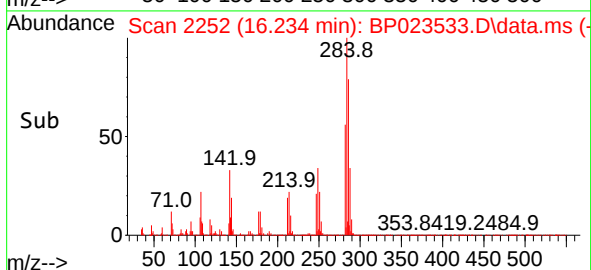
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

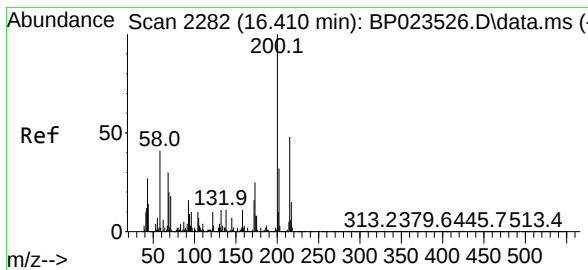


#69  
Hexachlorobenzene  
Concen: 14.274 ng/ul  
RT: 16.234 min Scan# 2252  
Delta R.T. -0.012 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41



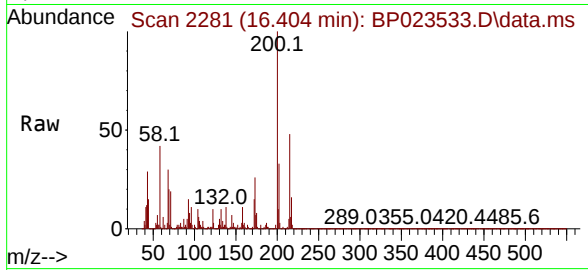
Tgt Ion:284 Resp: 319456  
Ion Ratio Lower Upper  
284 100  
142 33.3 23.3 34.9  
249 34.2 27.2 40.8





#70  
 Atrazine  
 Concen: 20.528 ng/ul  
 RT: 16.404 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP023533.D  
 Acq: 19 Dec 2024 18:41

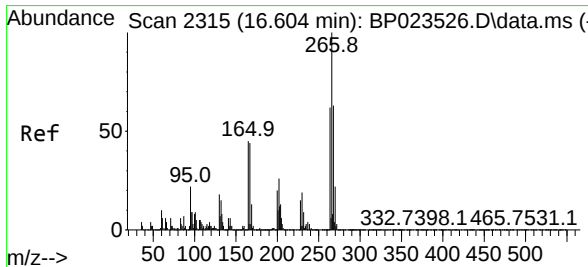
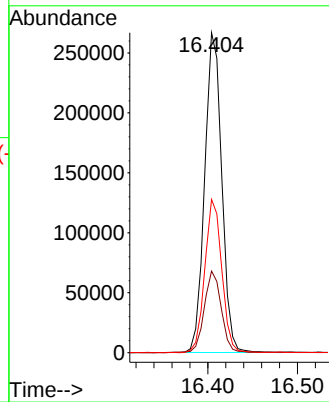
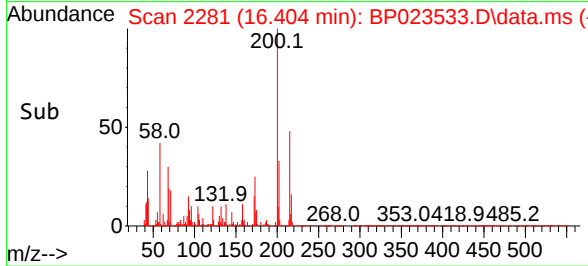
Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28Y9MSD



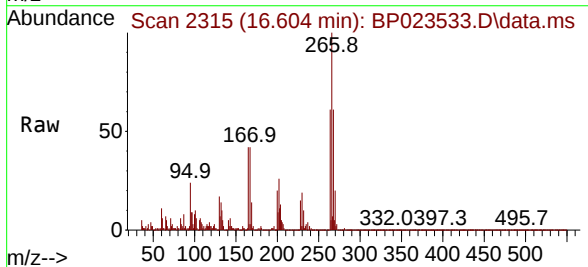
Tgt Ion:200 Resp: 352980  
 Ion Ratio Lower Upper  
 200 100  
 173 25.5 18.9 28.3  
 215 47.9 38.0 57.0

Manual Integrations  
 APPROVED

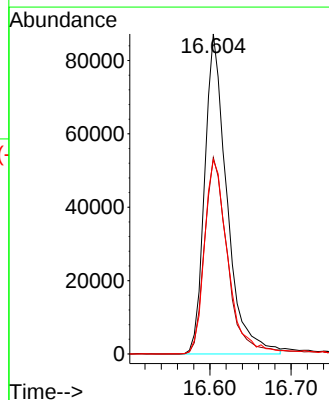
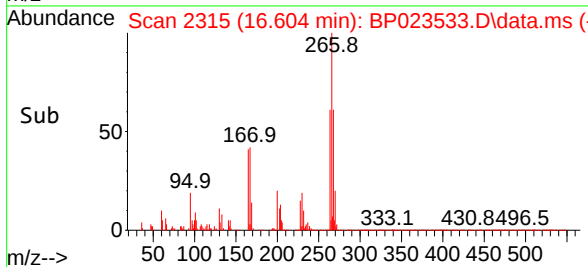
Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

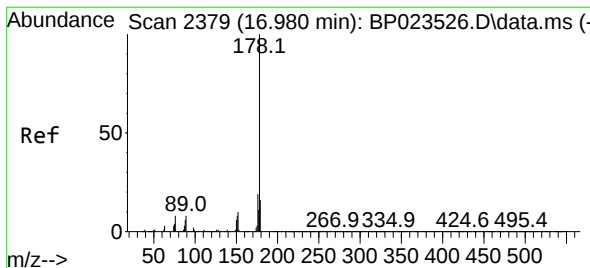


#71  
 Pentachlorophenol  
 Concen: 12.679 ng/ul  
 RT: 16.604 min Scan# 2315  
 Delta R.T. -0.012 min  
 Lab File: BP023533.D  
 Acq: 19 Dec 2024 18:41



Tgt Ion:266 Resp: 165621  
 Ion Ratio Lower Upper  
 266 100  
 264 61.4 47.9 71.9  
 268 60.7 48.2 72.4





#72

Phenanthrene

Concen: 18.933 ng/ul

RT: 16.986 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA\_P

ClientSampleId :

E28Y9MSD

Tgt Ion:178 Resp: 1514720

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

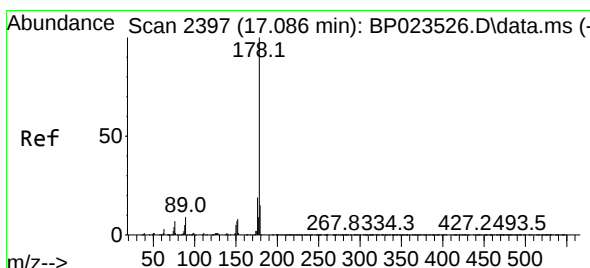
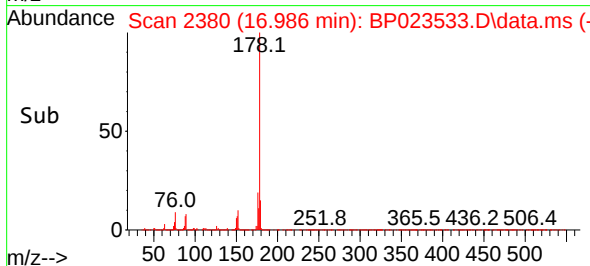
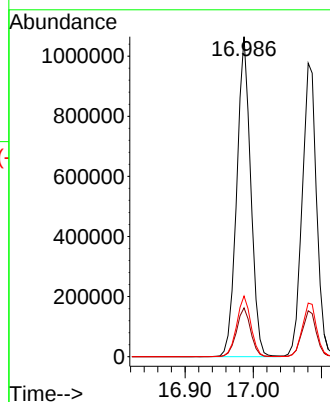
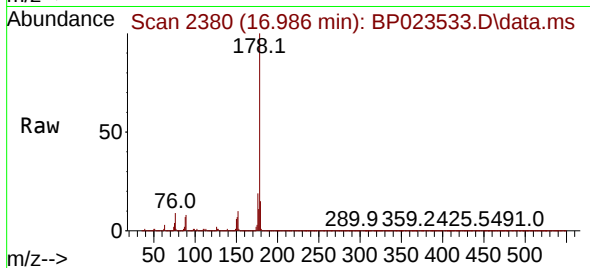
176 19.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#74

Anthracene

Concen: 17.918 ng/ul

RT: 17.081 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

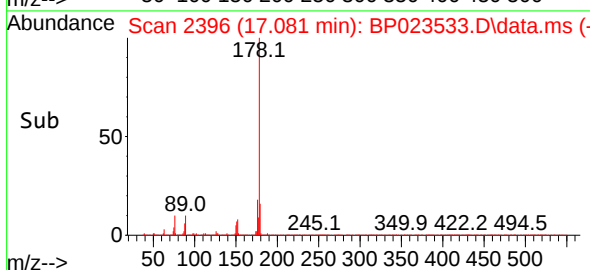
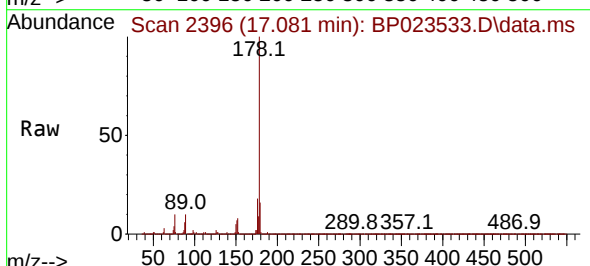
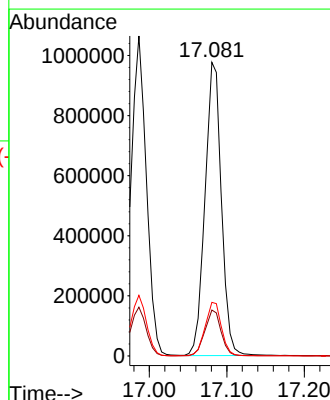
Tgt Ion:178 Resp: 1433337

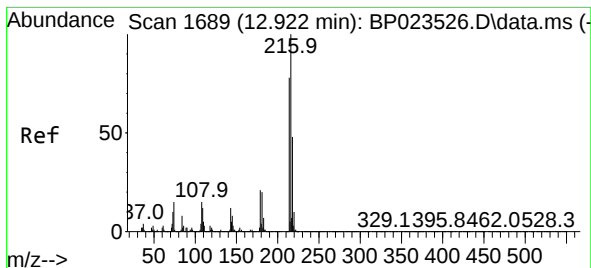
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.2 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 17.858 ng/uL

RT: 12.916 min Scan# 1688

Delta R.T. -0.012 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA\_P

ClientSampleId :

E28Y9MSD

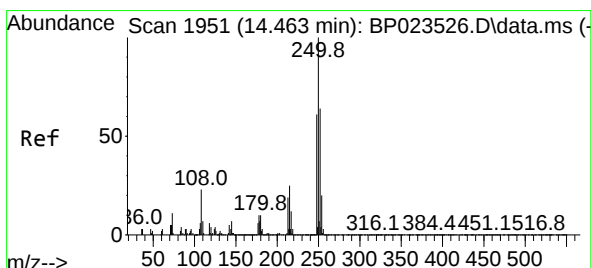
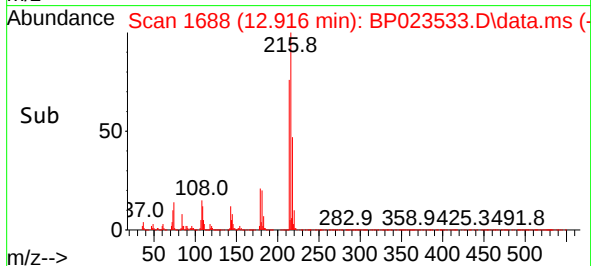
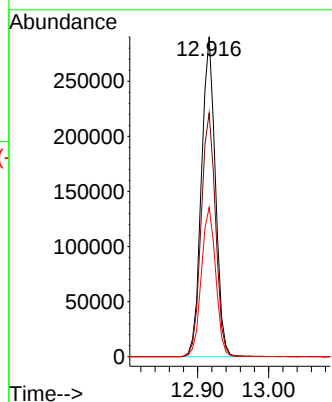
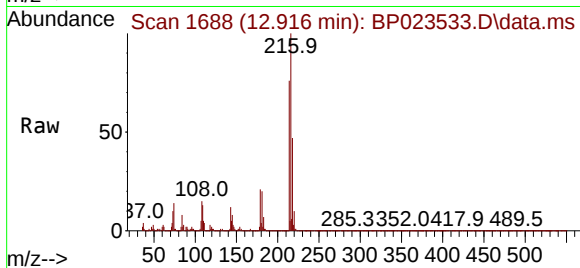
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 39834 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.2  | 62.9  | 94.3  |
| 218       | 46.7  | 39.2  | 58.8  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#76

Pentachlorobenzene

Concen: 15.485 ng/uL

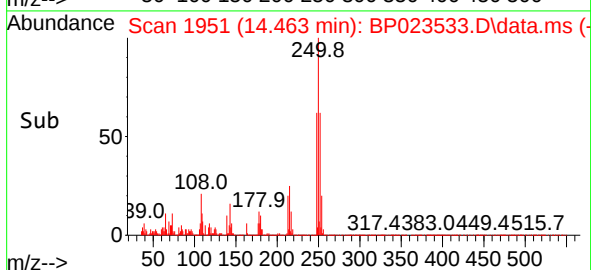
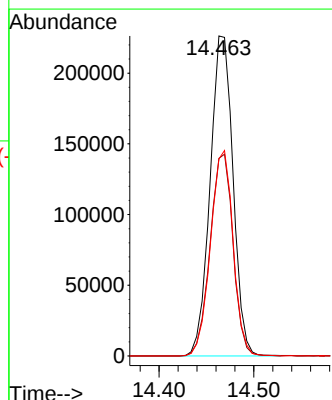
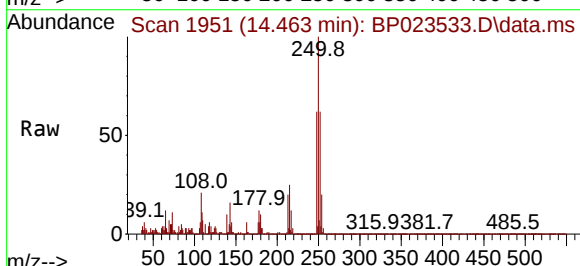
RT: 14.463 min Scan# 1951

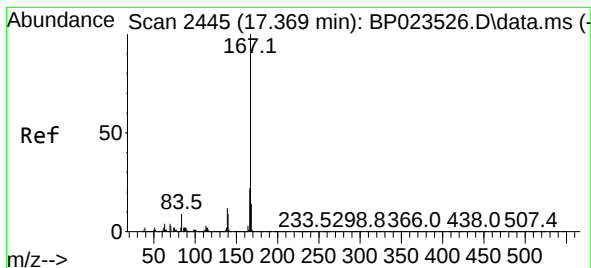
Delta R.T. -0.012 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 380723 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 61.7  | 50.1  | 75.1   |
| 252       | 61.6  | 51.0  | 76.4   |





#77

Carbazole

Concen: 22.034 ng/ul

RT: 17.381 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA\_P

ClientSampleId :

E28Y9MSD

Tgt Ion:167 Resp: 143599

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

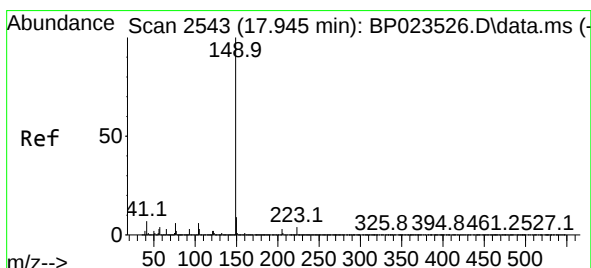
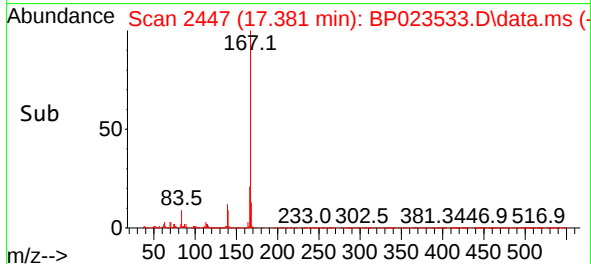
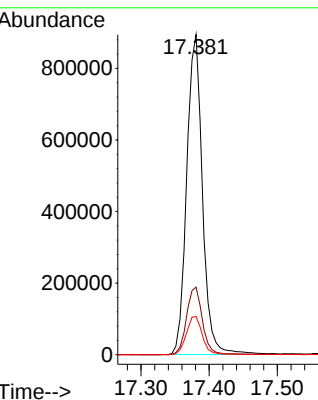
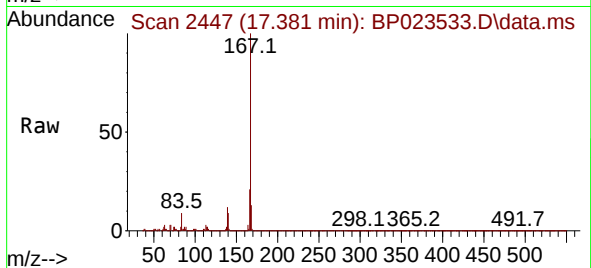
139 12.0 10.3 15.5

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APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#78

Di-n-butylphthalate

Concen: 18.532 ng/ul

RT: 17.945 min Scan# 2543

Delta R.T. -0.018 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

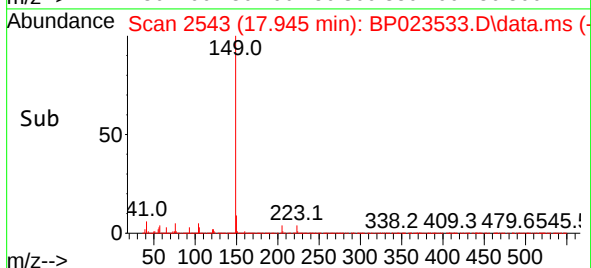
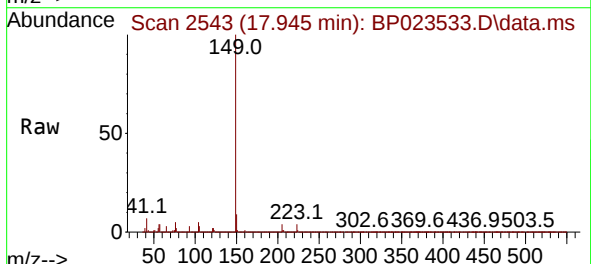
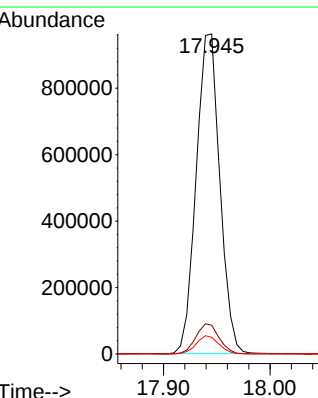
Tgt Ion:149 Resp: 1484037

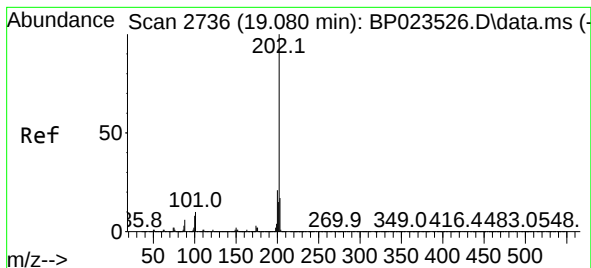
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

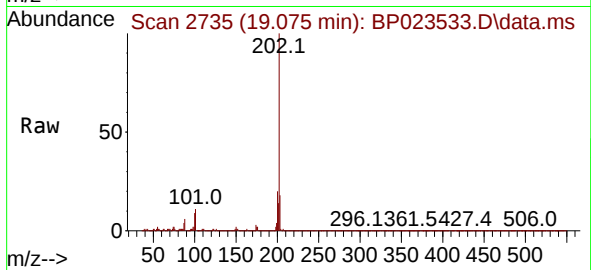
104 5.2 5.2 7.8#





#80  
Fluoranthene  
Concen: 20.072 ng/u1  
RT: 19.075 min Scan# 21  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

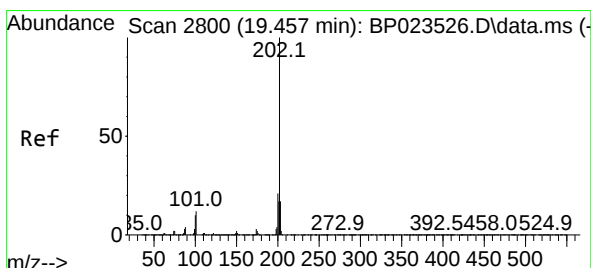
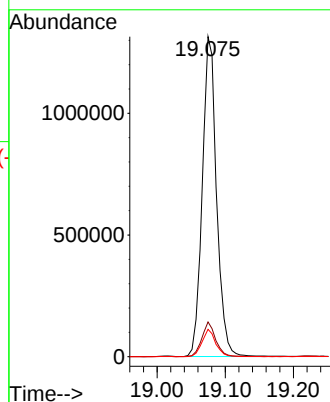
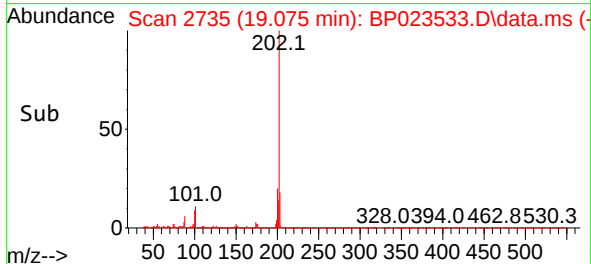
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:202 Resp: 1916004  
Ion Ratio Lower Upper  
202 100  
101 10.8 5.6 8.4#  
100 8.5 4.6 7.0#

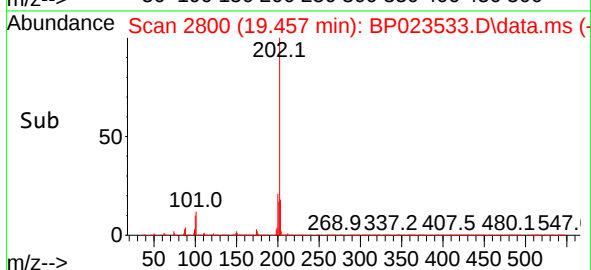
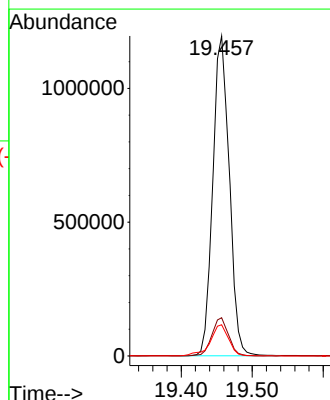
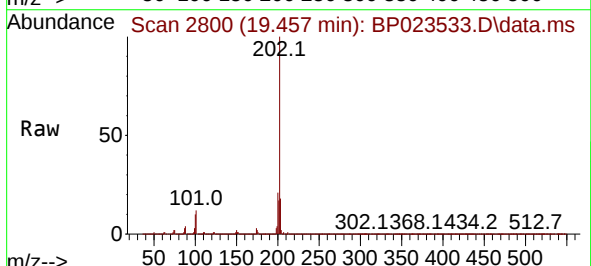
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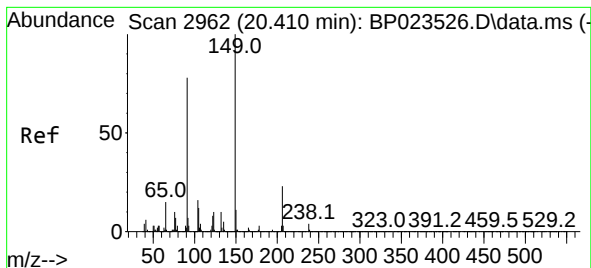
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#82  
Pyrene  
Concen: 18.998 ng/u1  
RT: 19.457 min Scan# 2800  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:202 Resp: 1924337  
Ion Ratio Lower Upper  
202 100  
101 12.0 6.7 10.1#  
100 9.8 5.8 8.8#





#83

Butylbenzylphthalate

Concen: 19.801 ng/ul

RT: 20.410 min Scan# 2962

Delta R.T. -0.018 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA\_P

ClientSampleId :

E28Y9MSD

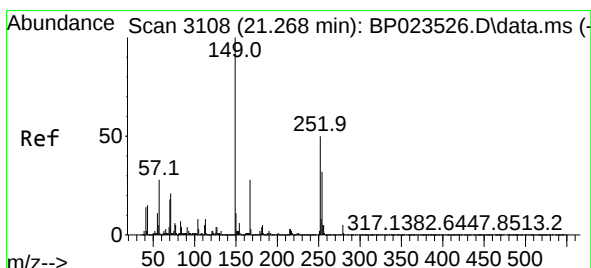
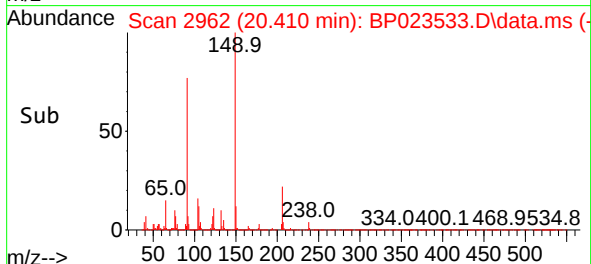
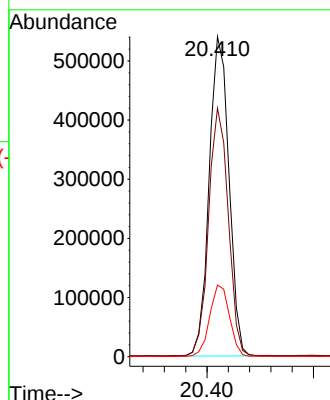
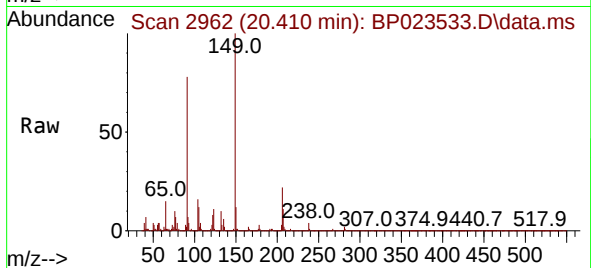
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 694652 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 77.7  | 59.0  | 88.4   |
| 206       | 22.4  | 20.7  | 31.1   |

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#84

3,3'-Dichlorobenzidine

Concen: 11.343 ng/ul

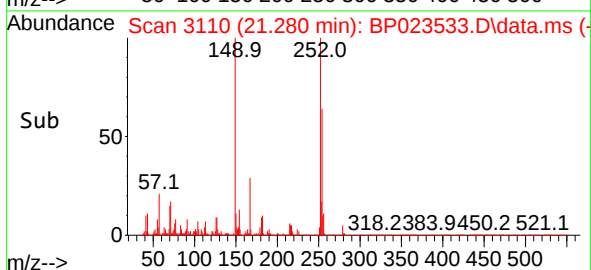
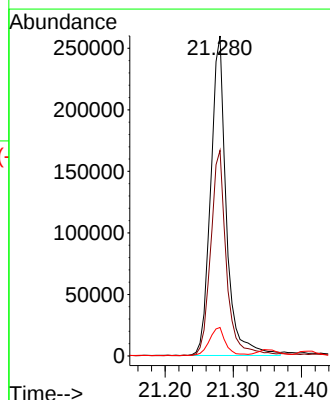
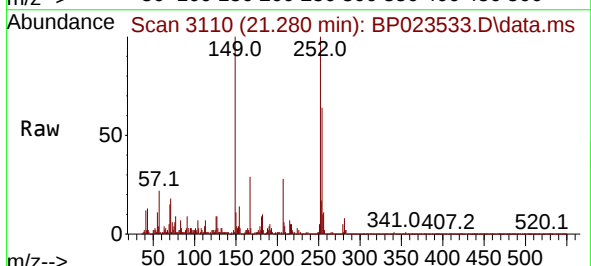
RT: 21.280 min Scan# 3110

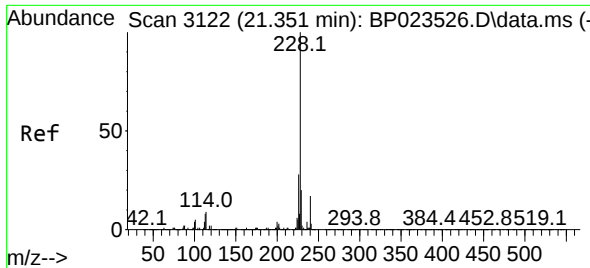
Delta R.T. -0.018 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

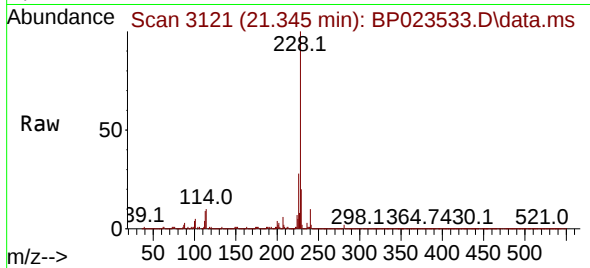
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 415009 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.2  | 51.8  | 77.8   |
| 126       | 8.9   | 5.0   | 7.6    |





#85  
Benzo(a)anthracene  
Concen: 16.861 ng/ul  
RT: 21.345 min Scan# 3122  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

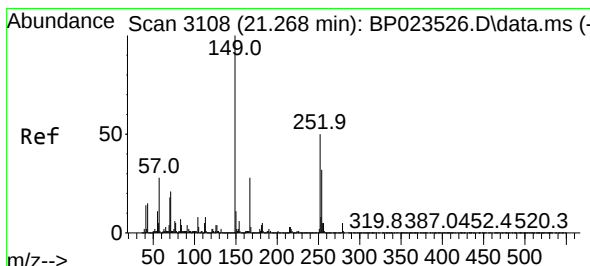
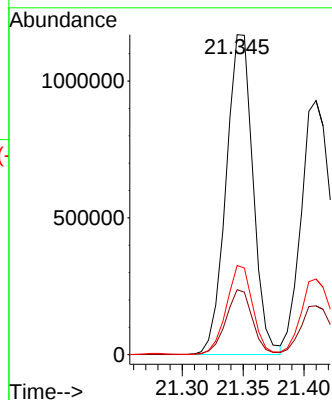
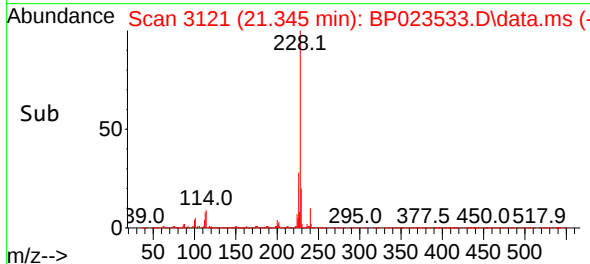
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:228 Resp: 1802834  
Ion Ratio Lower Upper  
228 100  
229 20.3 15.7 23.5  
226 27.8 21.6 32.4

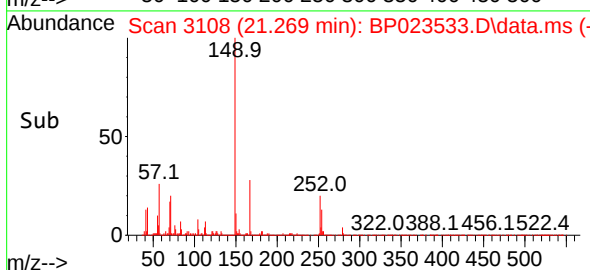
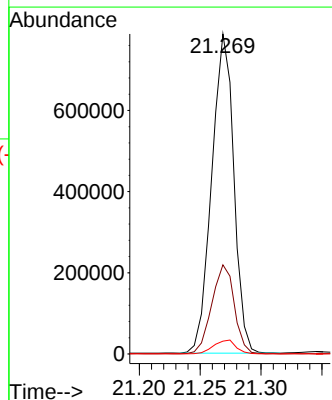
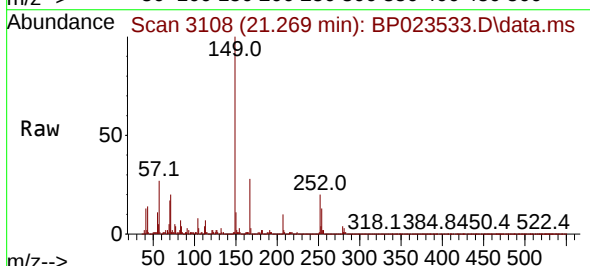
Manual Integrations  
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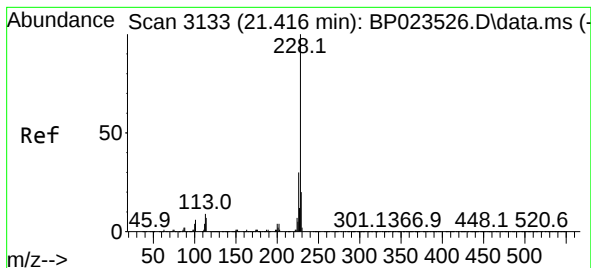
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 19.759 ng/ul  
RT: 21.269 min Scan# 3108  
Delta R.T. -0.029 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:149 Resp: 995459  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.5 33.7  
279 4.0 3.7 5.5





#87

Chrysene

Concen: 16.210 ng/ul

RT: 21.410 min Scan# 3133

Delta R.T. -0.029 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNA\_P

ClientSampleId :

E28Y9MSD

Tgt Ion:228 Resp: 1660880

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

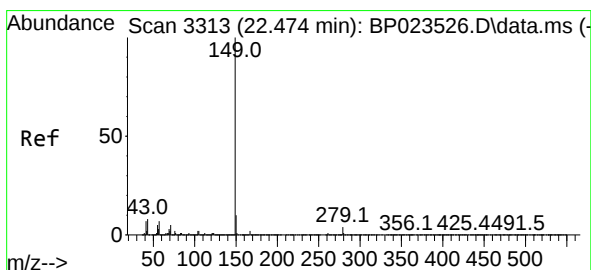
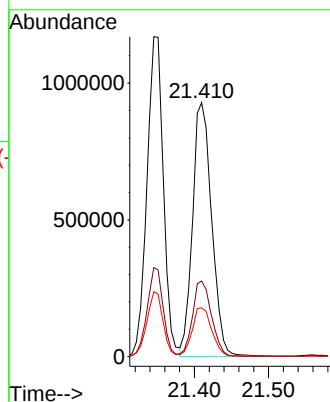
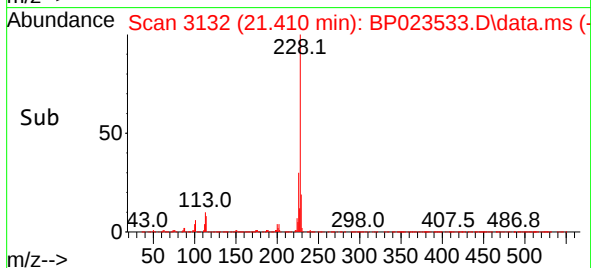
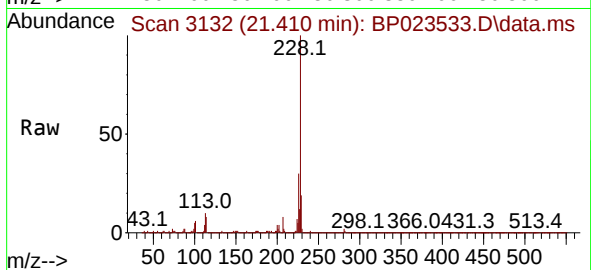
229 19.2 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#89

Di-n-octyl phthalate

Concen: 20.063 ng/ul

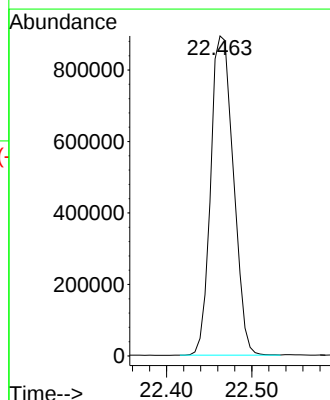
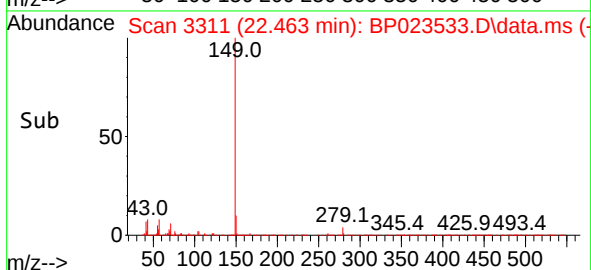
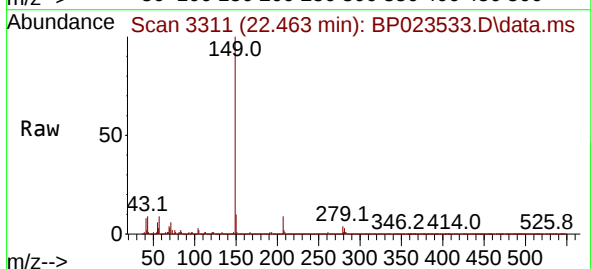
RT: 22.463 min Scan# 3311

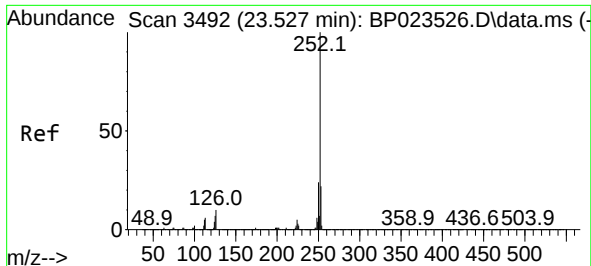
Delta R.T. -0.041 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

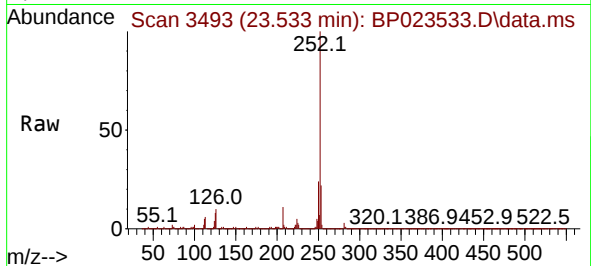
Tgt Ion:149 Resp: 1657843





#90  
Benzo(b)fluoranthene  
Concen: 16.338 ng/ul  
RT: 23.533 min Scan# 3492  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

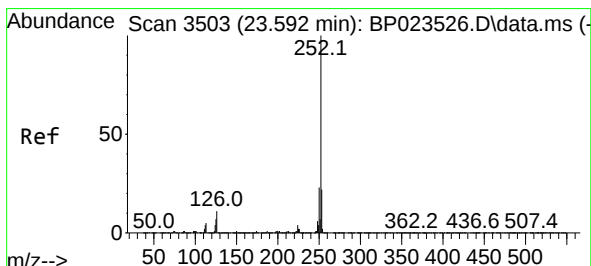
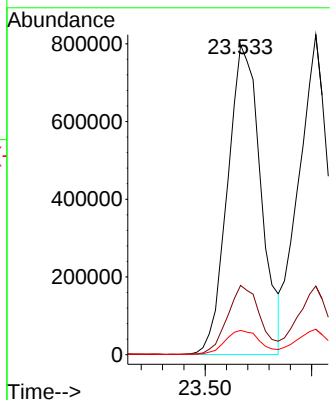
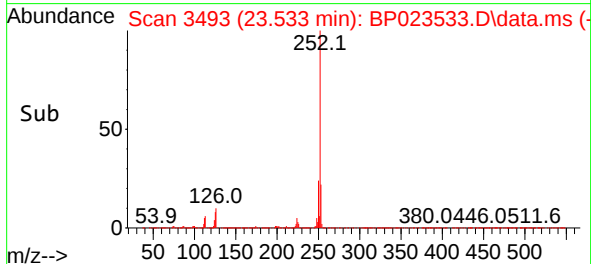
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:252 Resp: 1736699  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.3 25.9  
125 7.9 4.4 6.6

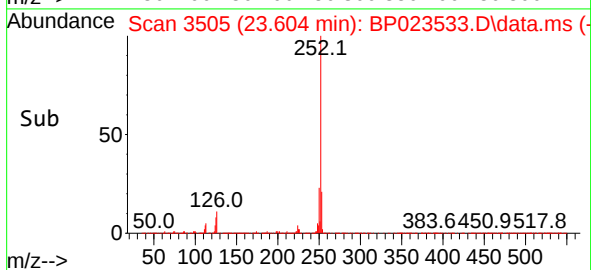
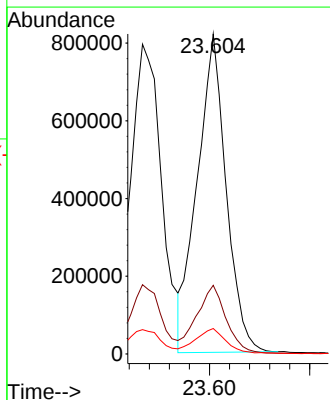
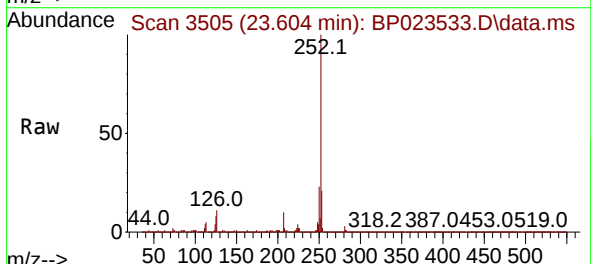
Manual Integrations  
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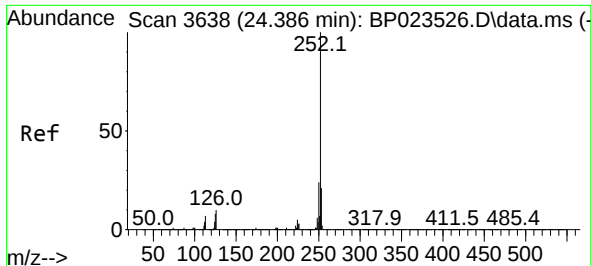
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#91  
Benzo(k)fluoranthene  
Concen: 15.517 ng/ul  
RT: 23.604 min Scan# 3505  
Delta R.T. -0.018 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

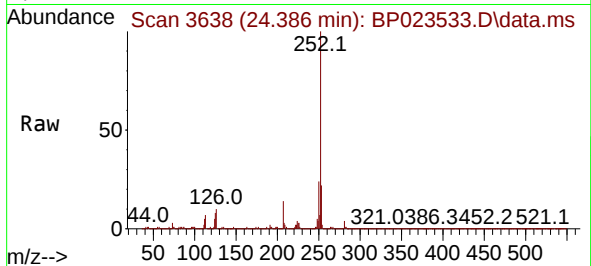
Tgt Ion:252 Resp: 1641158  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.5 26.3  
125 7.9 4.3 6.5





#93  
Benzo(a)pyrene  
Concen: 16.029 ng/ul  
RT: 24.386 min Scan# 3638  
Delta R.T. -0.024 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

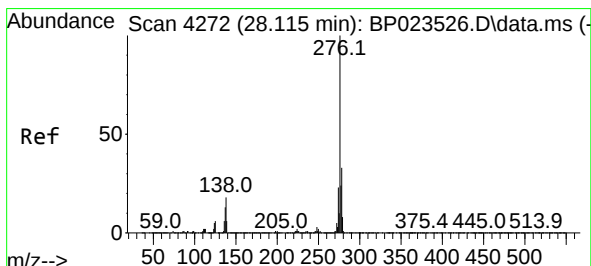
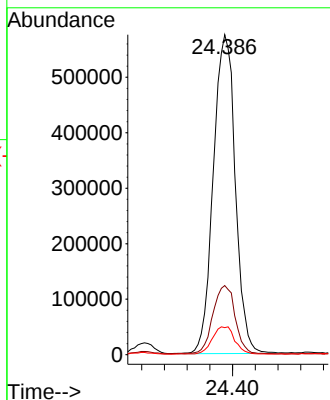
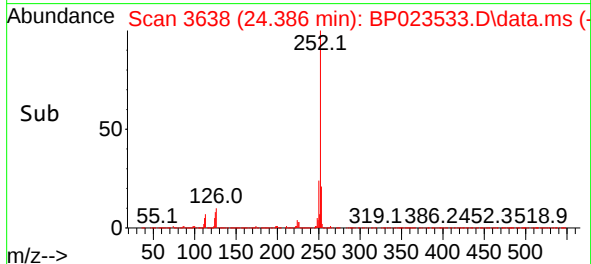
Instrument :  
BNA\_P  
ClientSampleId :  
E28Y9MSD



Tgt Ion:252 Resp: 1544925  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 8.5 5.0 7.4

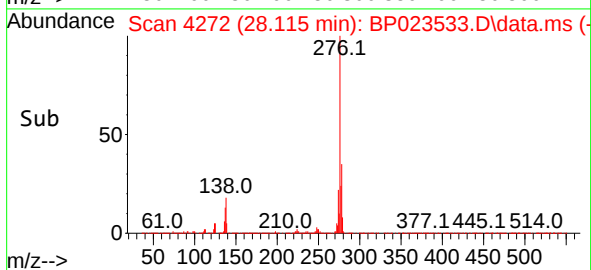
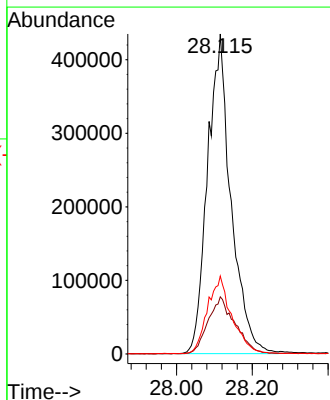
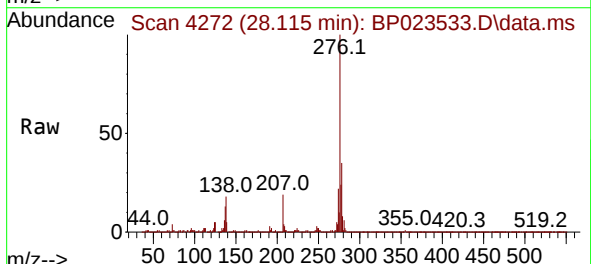
Manual Integrations  
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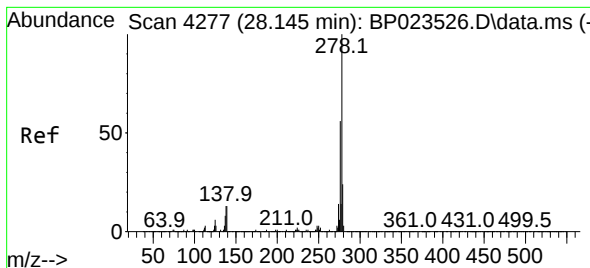
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 15.024 ng/ul  
RT: 28.115 min Scan# 4272  
Delta R.T. -0.029 min  
Lab File: BP023533.D  
Acq: 19 Dec 2024 18:41

Tgt Ion:276 Resp: 1860884  
Ion Ratio Lower Upper  
276 100  
138 17.9 7.8 11.6#  
277 24.4 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 14.824 ng/ul m

RT: 28.145 min Scan# 441

Delta R.T. -0.071 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Instrument :

BNP\_P

ClientSampleId :

E28Y9MSD

Tgt Ion:278 Resp: 1469390

Ion Ratio Lower Upper

278 100

139 13.1 6.0 9.0

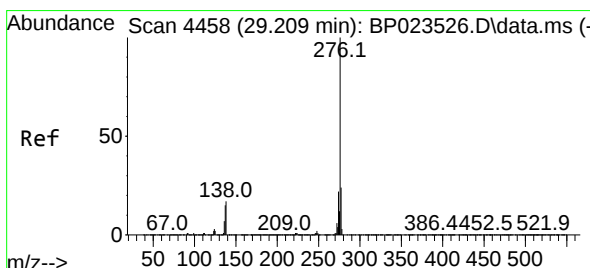
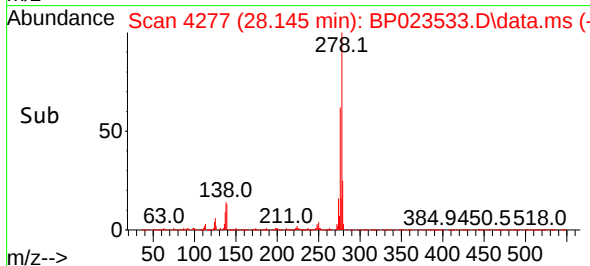
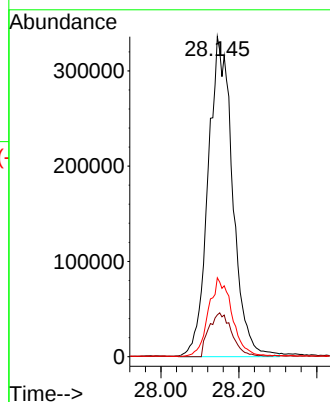
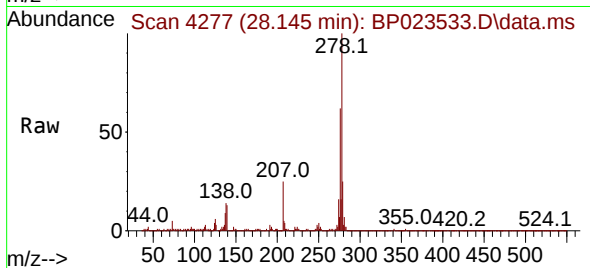
279 24.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#96

Benzo(g,h,i)perylene

Concen: 15.186 ng/ul

RT: 29.233 min Scan# 4462

Delta R.T. -0.018 min

Lab File: BP023533.D

Acq: 19 Dec 2024 18:41

Tgt Ion:276 Resp: 1440147

Ion Ratio Lower Upper

276 100

138 16.4 8.5 12.7

277 23.2 18.9 28.3

