

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031022\  
 Data File : BN018902.D  
 Acq On : 10 Mar 2022 14:05  
 Operator : CG/JU  
 Sample : N1331-06  
 Misc : SFAM-MDL-ME-SOIL-02  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT1-2022-02

Quant Time: Mar 10 14:38:16 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 08 14:15:20 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 144263   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.710 | 136  | 670216   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.539 | 164  | 472274   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.275 | 188  | 1035159  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.451 | 240  | 1164032  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.845 | 264  | 1228881  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 20289    | 5.625  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 237059   | 21.479 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.057  | 99   | 324019   | 23.006 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.222  | 67   | 211416   | 24.921 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.428  | 132  | 248058   | 24.576 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 267597   | 23.366 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.057  | 128  | 126232   | 24.520 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.787  | 143  | 140736   | 24.882 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.328 | 165  | 258857   | 23.925 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.840 | 131  | 387748   | 23.800 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.939 | 166  | 894243   | 25.009 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 1112416  | 24.993 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.716 | 143  | 163956   | 22.641 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.528 | 176  | 783160   | 25.197 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.633 | 200  | 139009   | 21.669 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.375 | 188  | 1285622  | 25.966 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 1544883  | 24.525 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.692 | 264  | 1644808  | 25.682 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.311  | 88   | 4081     | 1.042  | ng/uL# | 93       |
| 5) Pyridine                   | 3.711  | 79   | 44649    | 3.923  | ng/u1# | 63       |
| 6) Benzaldehyde               | 7.028  | 77   | 33520    | 4.673  | ng/u1  | 98       |
| 8) Phenol                     | 7.081  | 94   | 64009    | 4.344  | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.316  | 93   | 51461    | 4.527  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.463  | 128  | 48072    | 4.491  | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.340  | 108  | 44271    | 4.024  | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 77674    | 4.787  | ng/u1  | 99       |
| 16) Acetophenone              | 8.722  | 105  | 81296    | 4.581  | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.704  | 70   | 39244    | 4.339  | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.669  | 108  | 53229    | 4.326  | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.993  | 117  | 18533    | 4.438  | ng/u1  | 94       |
| 22) Nitrobenzene              | 9.104  | 77   | 62576    | 4.684  | ng/u1  | 97       |
| 23) Isophorone                | 9.628  | 82   | 103818   | 4.066  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.816  | 139  | 28589    | 4.548  | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.875  | 107  | 60551    | 4.435  | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93   | 74597    | 4.628  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 51235    | 4.654  | ng/u1  | 94       |
| 30) Naphthalene               | 10.757 | 128  | 179430   | 4.858  | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.863 | 127  | 76840    | 4.546  | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 11.057 | 225  | 32812    | 4.744  | ng/u1  | 98       |
| 34) Caprolactam               | 11.616 | 113  | 14484m   | 3.618  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.981 | 107  | 53543    | 4.153  | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.369 | 142  | 125171   | 4.820  | ng/u1  | 99       |

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Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022

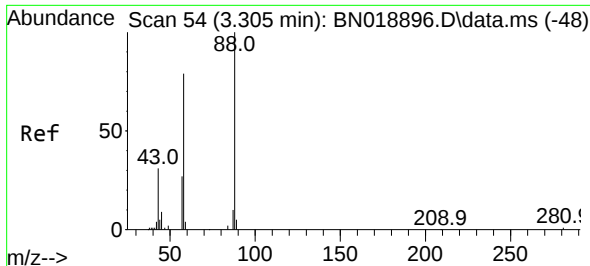
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.587 | 142  | 109440   | 4.081 | ng/ul# | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.740 | 216  | 68926    | 4.773 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.722 | 237  | 38832    | 4.577 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.969 | 196  | 35728    | 3.828 | ng/ul  | 94       |
| 42) 2,4,5-Trichlorophenol     | 13.039 | 196  | 41297    | 4.005 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.375 | 154  | 175549   | 4.729 | ng/ul  | 96       |
| 44) 2-Chloronaphthalene       | 13.416 | 162  | 135246   | 4.731 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.610 | 65   | 30356    | 3.563 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.986 | 163  | 173329   | 4.728 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.104 | 165  | 25950    | 3.694 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.257 | 152  | 224880   | 4.831 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.428 | 138  | 28626    | 4.207 | ng/ul  | 87       |
| 52) Acenaphthene              | 14.598 | 153  | 147934   | 4.855 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.634 | 184  | 24209m   | 5.390 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.728 | 109  | 27226    | 4.366 | ng/ul  | 91       |
| 56) Dibenzofuran              | 14.934 | 168  | 215580   | 4.898 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.886 | 165  | 43234    | 4.089 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 34954    | 4.122 | ng/ul# | 99       |
| 59) Diethylphthalate          | 15.351 | 149  | 165231   | 4.528 | ng/ul  | 98       |
| 61) Fluorene                  | 15.581 | 166  | 179346   | 5.175 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.575 | 204  | 87073    | 5.101 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.586 | 138  | 31015    | 4.895 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 28383    | 4.342 | ng/ul# | 93       |
| 67) N-Nitrosodiphenylamine    | 15.781 | 169  | 149594   | 4.846 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.463 | 248  | 50425    | 4.726 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.586 | 284  | 59334    | 4.850 | ng/ul  | 93       |
| 70) Atrazine                  | 16.728 | 200  | 46695    | 4.037 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.928 | 266  | 33003    | 4.329 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.316 | 178  | 291500   | 4.943 | ng/ul  | 99       |
| 74) Anthracene                | 17.410 | 178  | 292088   | 4.967 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.339 | 216  | 60169    | 3.759 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.857 | 250  | 64539    | 4.456 | ng/ul  | 92       |
| 77) Carbazole                 | 17.675 | 167  | 254647   | 4.796 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.239 | 149  | 243069   | 4.073 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.327 | 202  | 349882   | 4.692 | ng/ul  | 99       |
| 82) Pyrene                    | 19.692 | 202  | 378183   | 4.965 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.586 | 149  | 100358   | 3.461 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.368 | 252  | 118212   | 4.686 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.433 | 228  | 373139   | 4.744 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 175144   | 4.013 | ng/ul  | 99       |
| 87) Chrysene                  | 21.486 | 228  | 381406   | 5.008 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.286 | 149  | 276382   | 3.589 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.110 | 252  | 403732   | 4.857 | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 23.162 | 252  | 374075   | 4.849 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 23.739 | 252  | 390898   | 4.858 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.321 | 276  | 417014   | 4.678 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.339 | 278  | 352592   | 4.462 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.080 | 276  | 351192   | 4.428 | ng/ul  | 99       |

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

## Manual Integrations

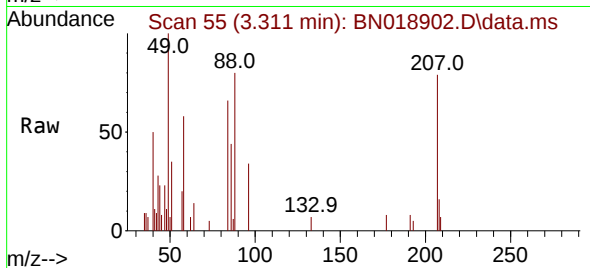
Quant Time: Mar 10 14:38:16 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030822.M  
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QLast Update : Tue Mar 08 14:15:20 2022  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 1.042 ng/uL  
RT: 3.311 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

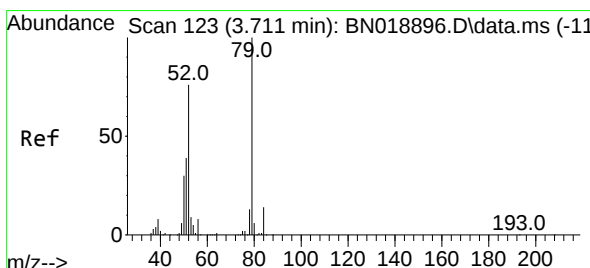
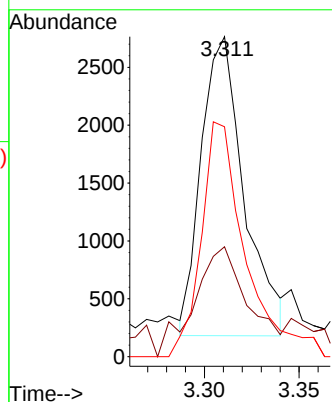
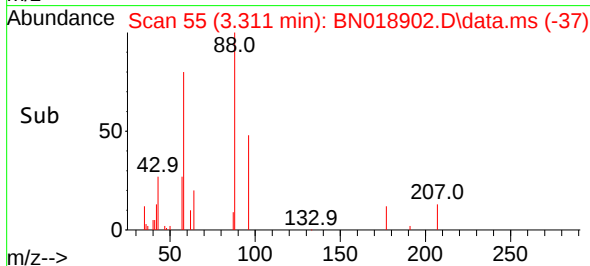
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion: 88 Resp: 408  
Ion Ratio Lower Upper  
88 100  
43 34.4 22.4 33.6  
58 71.9 61.0 91.4

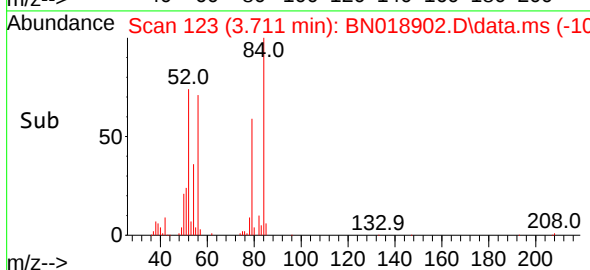
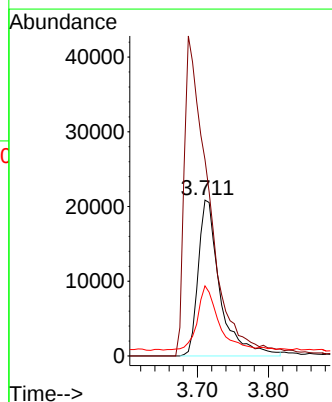
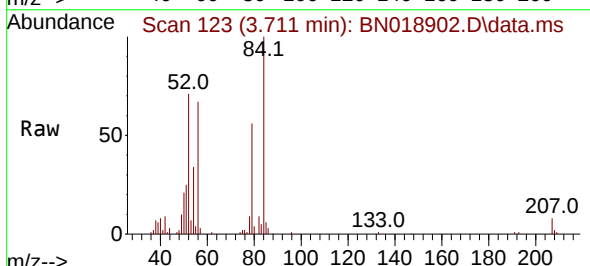
Manual Integrations  
APPROVED

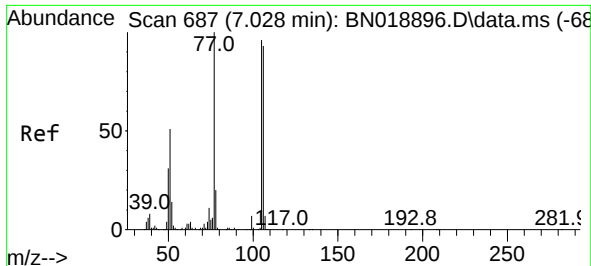
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#5  
Pyridine  
Concen: 3.923 ng/uL  
RT: 3.711 min Scan# 123  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

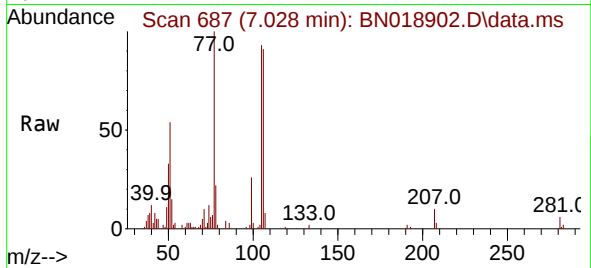
Tgt Ion: 79 Resp: 44649  
Ion Ratio Lower Upper  
79 100  
52 126.0 65.0 97.4  
51 45.0 31.6 47.4





#6  
Benzaldehyde  
Concen: 4.673 ng/ul  
RT: 7.028 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

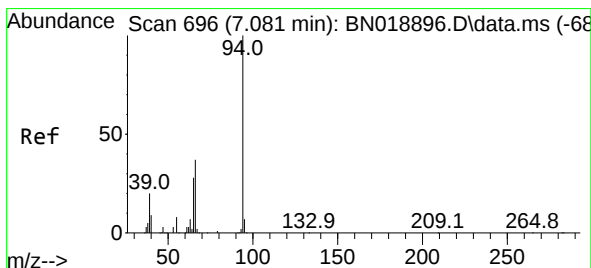
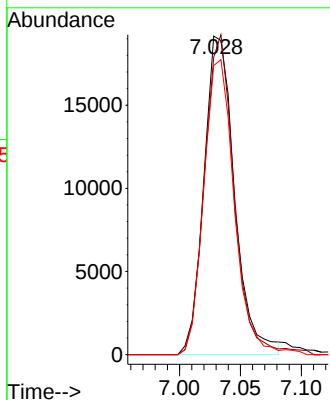
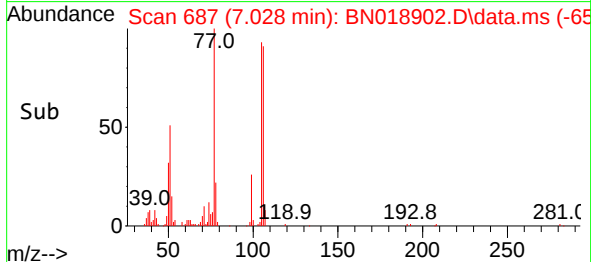
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



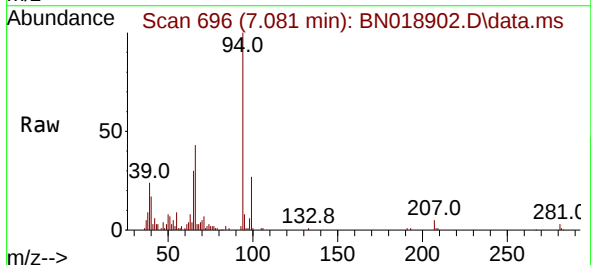
Tgt Ion: 77 Resp: 33520  
Ion Ratio Lower Upper  
77 100  
105 93.4 74.7 112.1  
106 90.8 70.2 105.4

Manual Integrations  
APPROVED

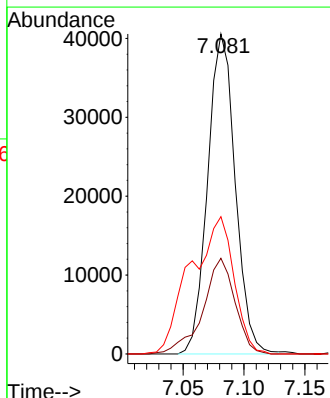
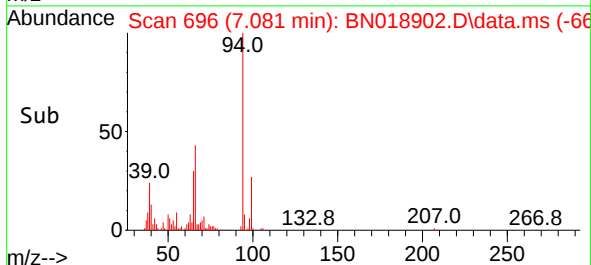
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

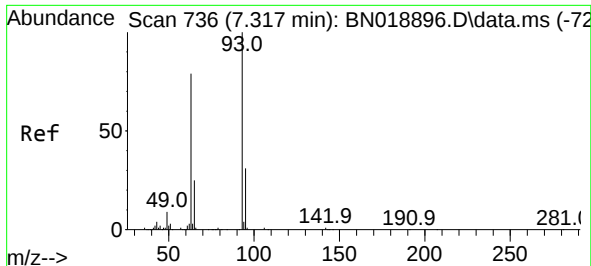


#8  
Phenol  
Concen: 4.344 ng/ul  
RT: 7.081 min Scan# 696  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



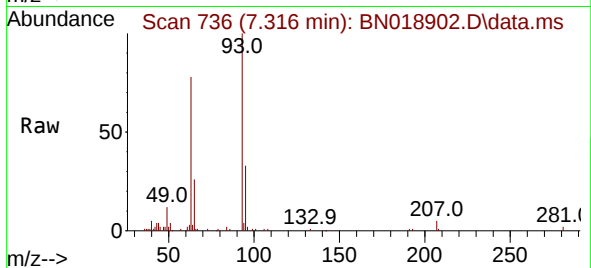
Tgt Ion: 94 Resp: 64009  
Ion Ratio Lower Upper  
94 100  
65 29.9 23.6 35.4  
66 42.9 31.2 46.8





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.527 ng/ul  
RT: 7.316 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

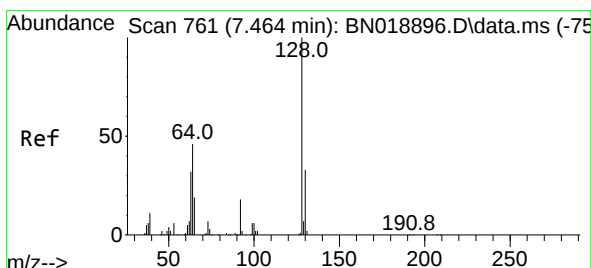
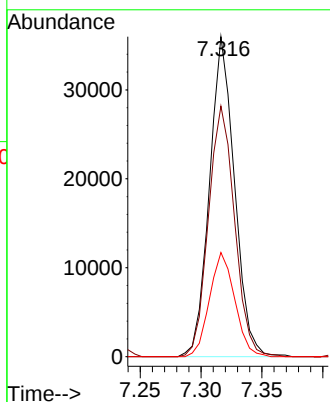
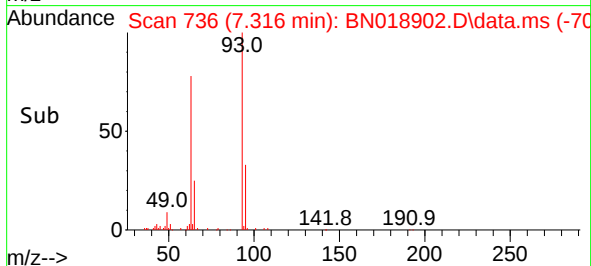
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion: 93 Resp: 5146  
Ion Ratio Lower Upper  
93 100  
63 78.3 63.4 95.0  
95 32.6 26.2 39.2

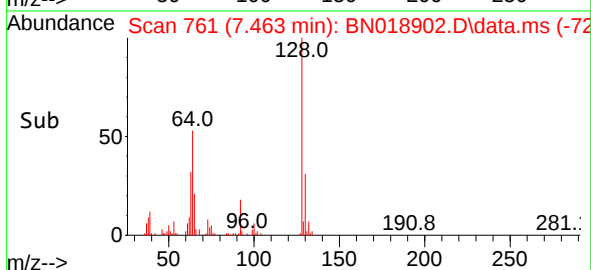
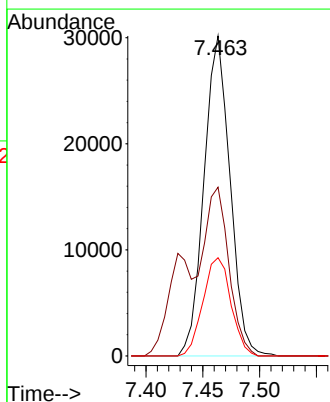
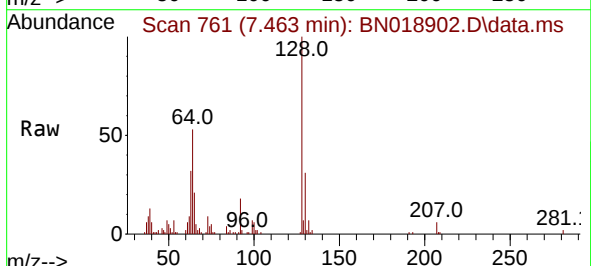
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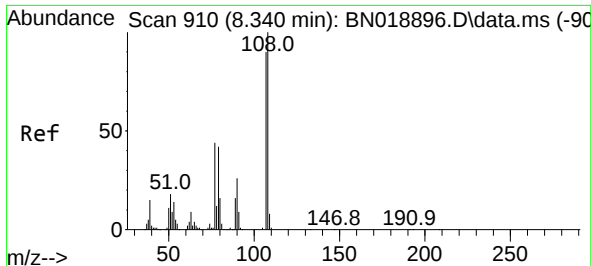
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#12  
2-Chlorophenol  
Concen: 4.491 ng/ul  
RT: 7.463 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

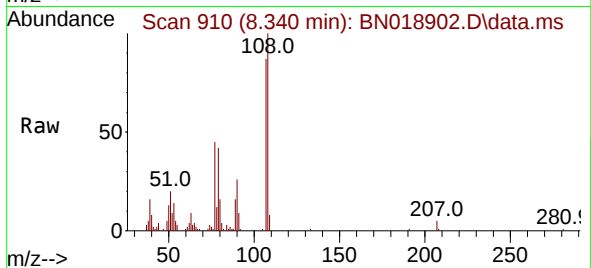
Tgt Ion:128 Resp: 48072  
Ion Ratio Lower Upper  
128 100  
64 52.8 38.6 57.8  
130 30.7 25.0 37.4





#13  
2-Methylphenol  
Concen: 4.024 ng/ul  
RT: 8.340 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

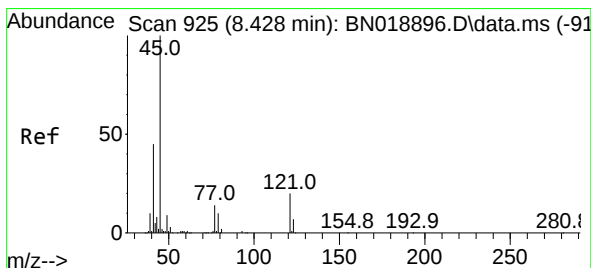
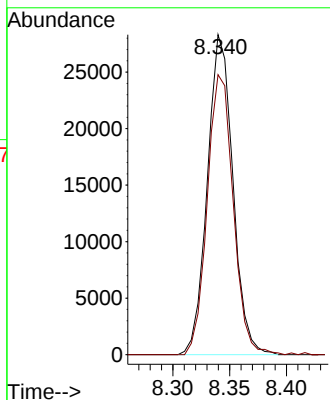
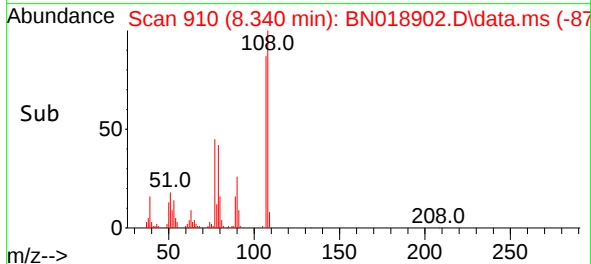
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



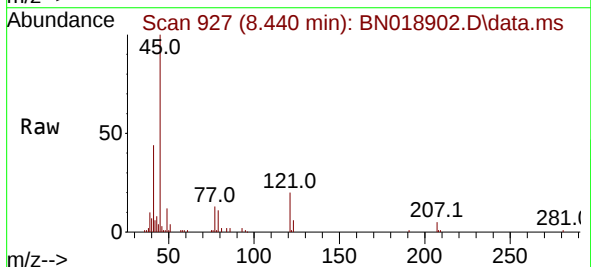
Tgt Ion:108 Resp: 4427  
Ion Ratio Lower Upper  
108 100  
107 87.5 71.5 107.3

Manual Integrations  
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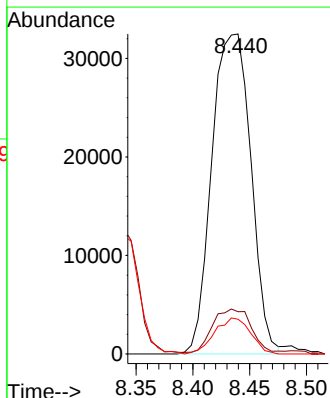
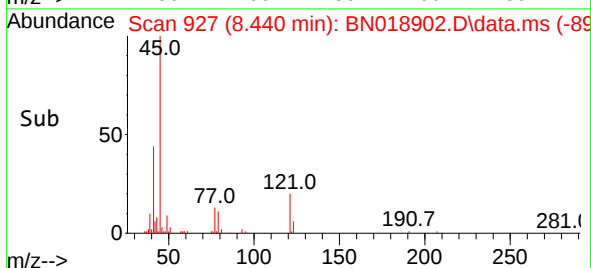
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

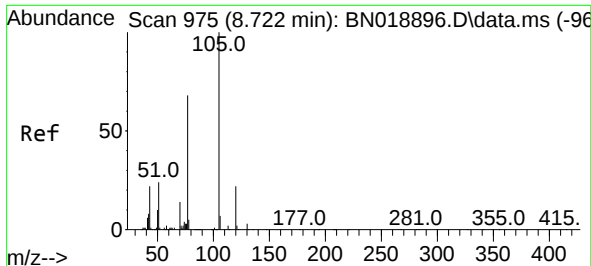


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.787 ng/ul  
RT: 8.440 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



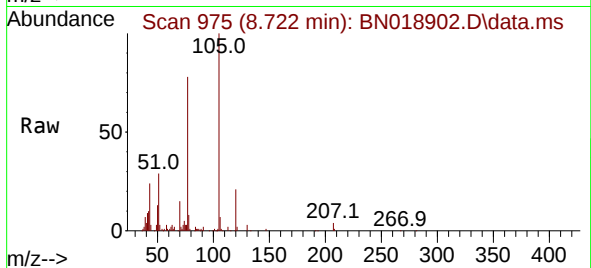
Tgt Ion: 45 Resp: 77674  
Ion Ratio Lower Upper  
45 100  
77 13.2 10.9 16.3  
79 10.8 8.6 13.0





#16  
Acetophenone  
Concen: 4.581 ng/ul  
RT: 8.722 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

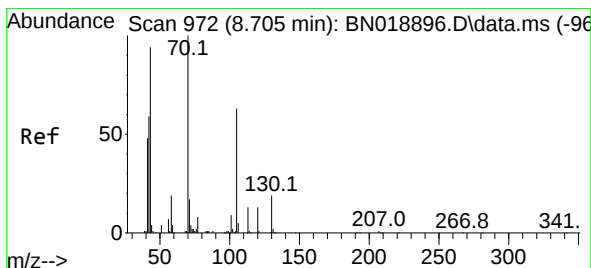
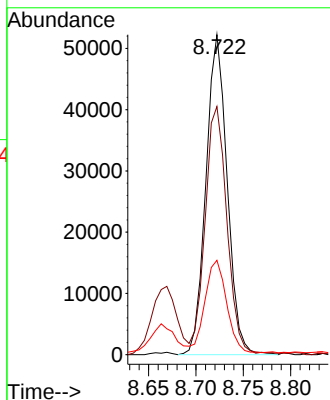
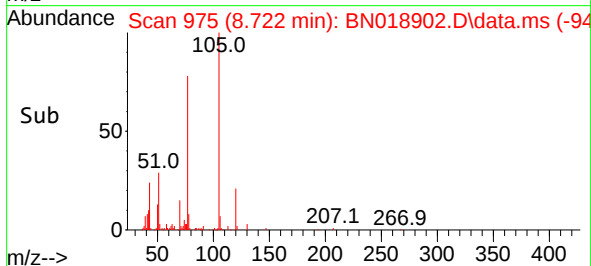
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:105 Resp: 81290  
Ion Ratio Lower Upper  
105 100  
77 77.5 63.5 95.3  
51 29.5 23.5 35.3

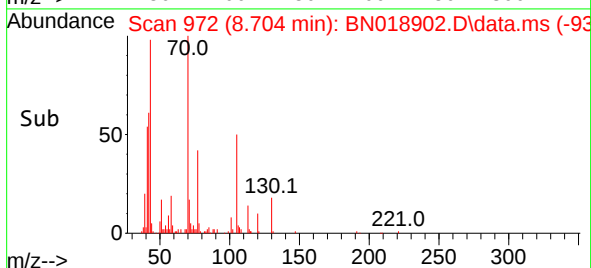
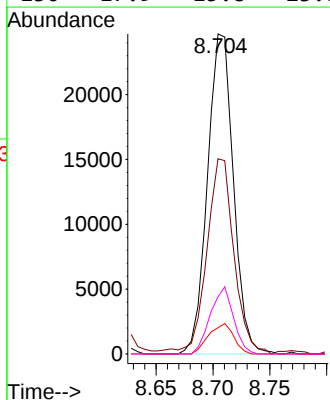
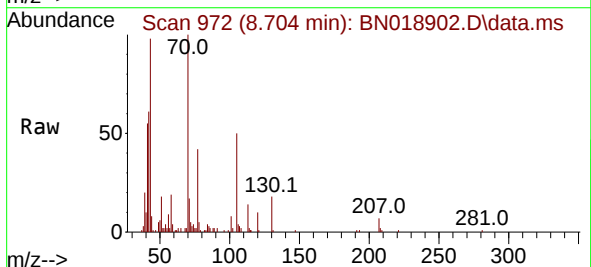
Manual Integrations  
APPROVED

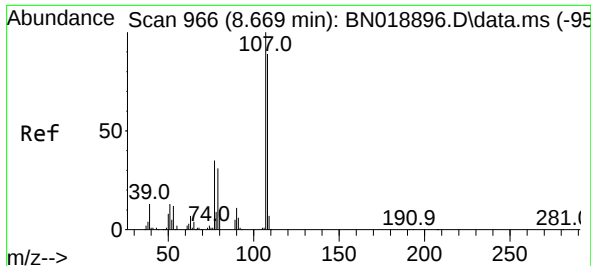
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.339 ng/ul  
RT: 8.704 min Scan# 972  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

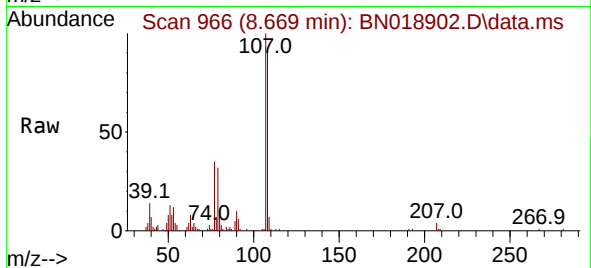
Tgt Ion: 70 Resp: 39244  
Ion Ratio Lower Upper  
70 100  
42 61.0 47.8 71.6  
101 8.2 7.8 11.6  
130 17.9 15.8 23.8





#18  
4-Methylphenol  
Concen: 4.326 ng/ul  
RT: 8.669 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

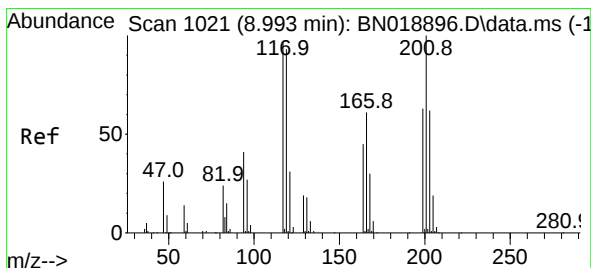
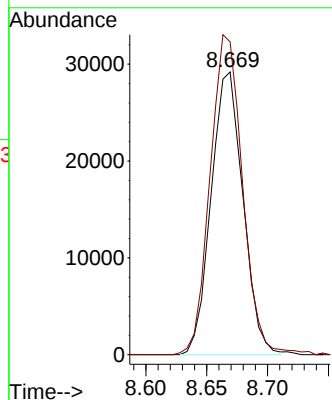
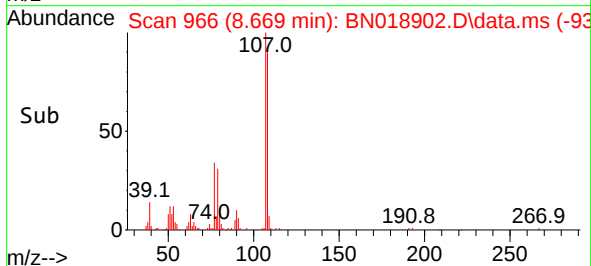
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:108 Resp: 53229  
Ion Ratio Lower Upper  
108 100  
107 110.7 88.0 132.0

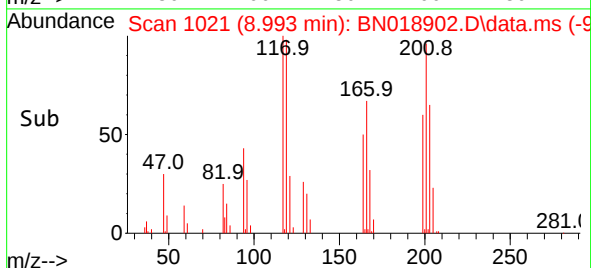
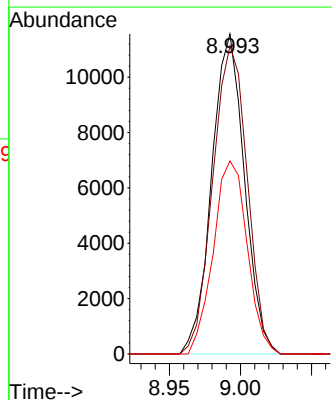
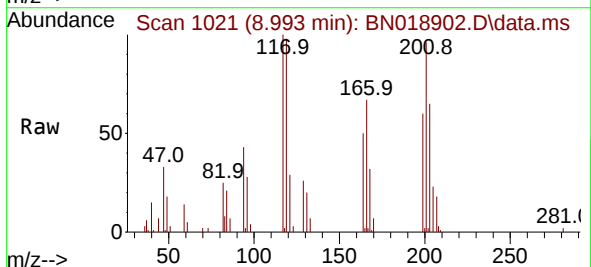
Manual Integrations  
APPROVED

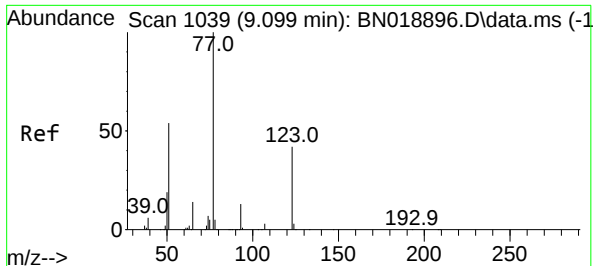
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#19  
Hexachloroethane  
Concen: 4.438 ng/ul  
RT: 8.993 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

Tgt Ion:117 Resp: 18533  
Ion Ratio Lower Upper  
117 100  
201 96.3 83.2 124.8  
199 60.3 50.2 75.4





#22

Nitrobenzene

Concen: 4.684 ng/ul

RT: 9.104 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BN018902.D

Acq: 10 Mar 2022 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

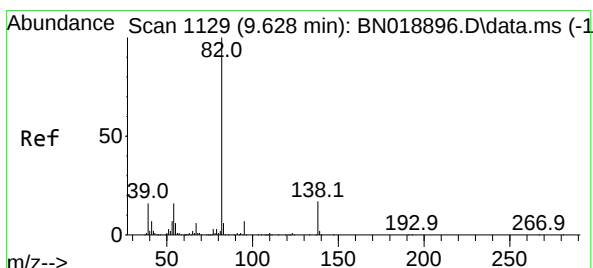
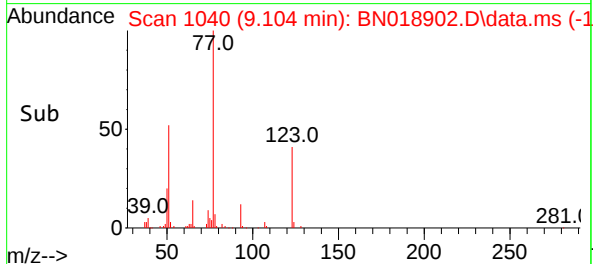
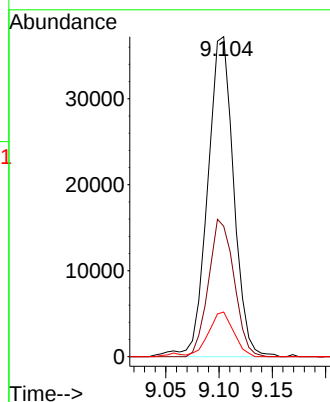
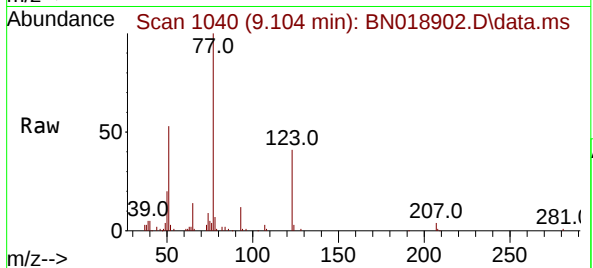
Tgt Ion: 77 Resp: 62570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.7  | 34.5  | 51.7  |
| 65  | 13.9  | 11.1  | 16.7  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#23

Isophorone

Concen: 4.066 ng/ul

RT: 9.628 min Scan# 1129

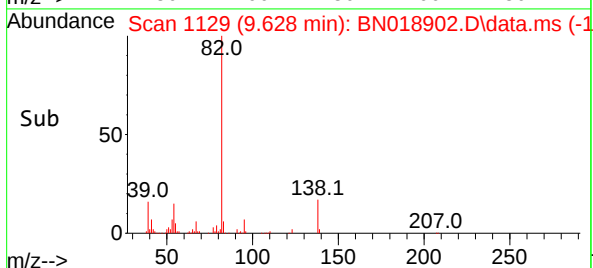
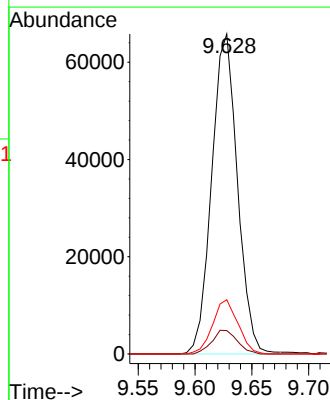
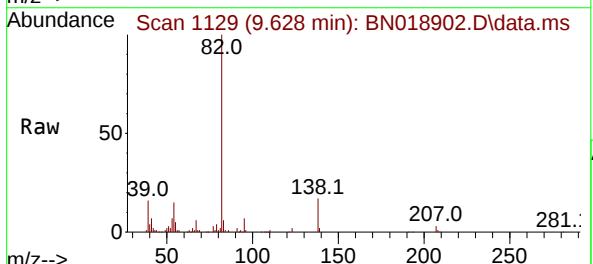
Delta R.T. -0.000 min

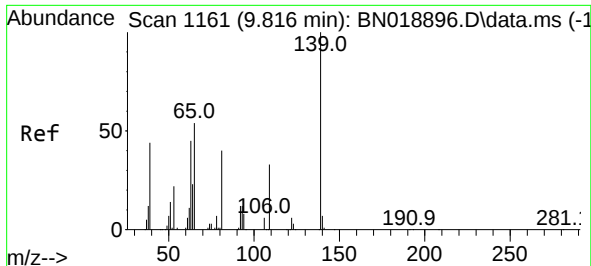
Lab File: BN018902.D

Acq: 10 Mar 2022 14:05

Tgt Ion: 82 Resp: 103818

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.3   | 5.8   | 8.8   |
| 138 | 16.9  | 13.8  | 20.8  |





#25

2-Nitrophenol

Concen: 4.548 ng/ul

RT: 9.816 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BN018902.D

Acq: 10 Mar 2022 14:05

Instrument :

BNA\_N

ClientSampleId :

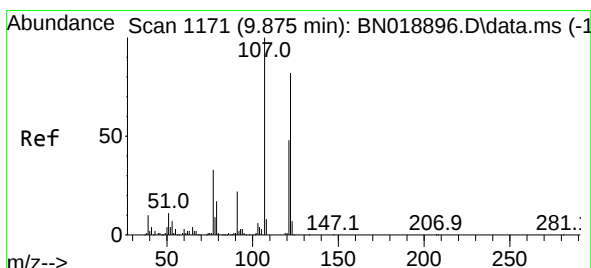
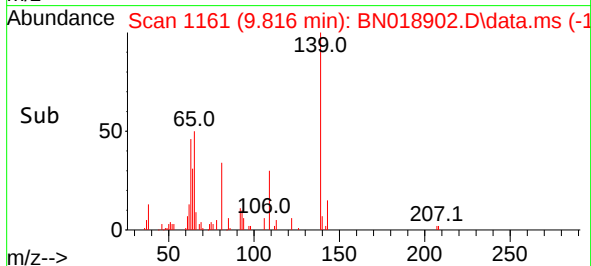
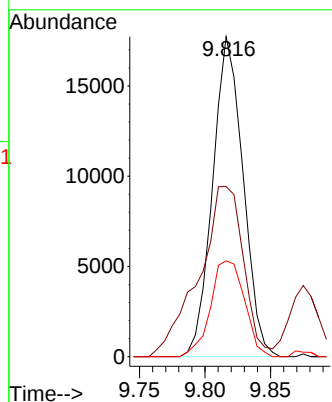
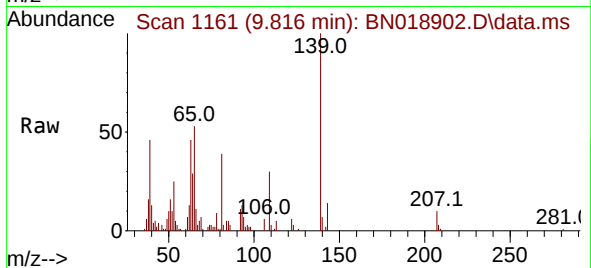
MDL-MED-SOIL-QT1-2022-02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:139 | Resp: | 28589     |
| Ion Ratio   | Lower | Upper     |
| 139         | 100   |           |
| 65          | 53.2  | 43.7 65.5 |
| 109         | 30.0  | 25.8 38.6 |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#26

2,4-Dimethylphenol

Concen: 4.435 ng/ul

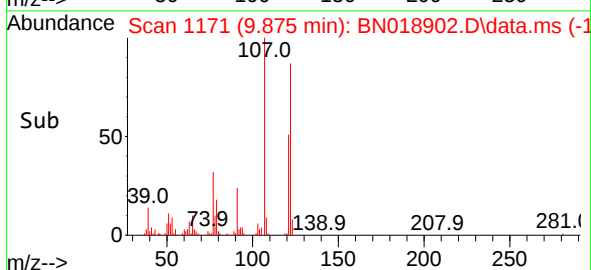
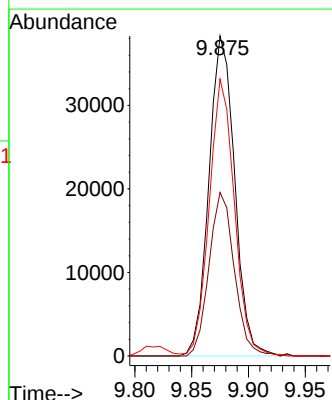
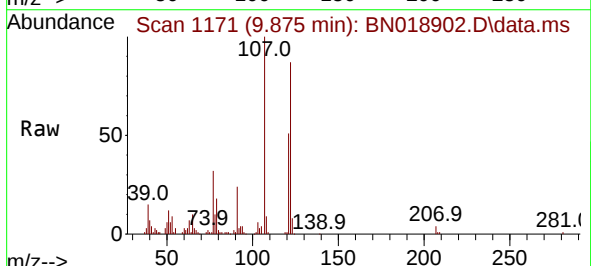
RT: 9.875 min Scan# 1171

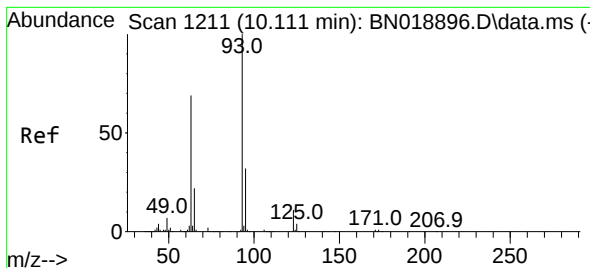
Delta R.T. -0.006 min

Lab File: BN018902.D

Acq: 10 Mar 2022 14:05

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:107 | Resp: | 60551     |
| Ion Ratio   | Lower | Upper     |
| 107         | 100   |           |
| 121         | 51.1  | 38.3 57.5 |
| 122         | 86.5  | 66.3 99.5 |





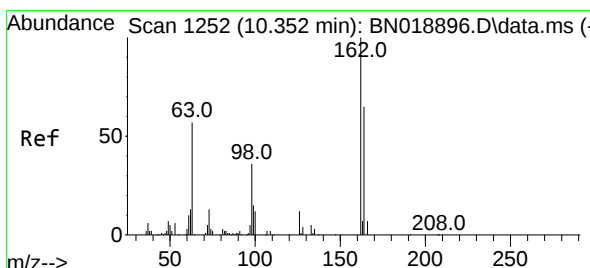
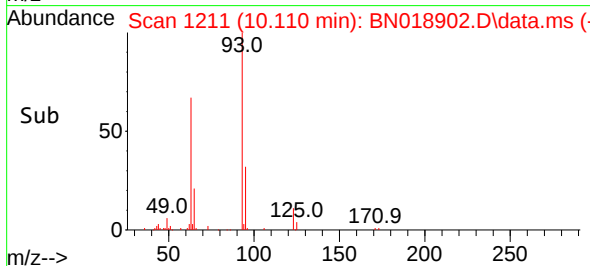
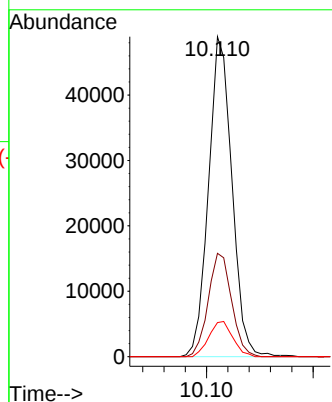
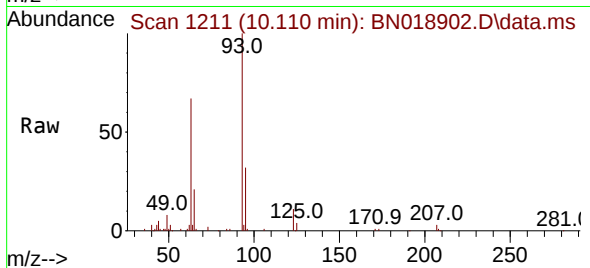
#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 4.628 ng/ul  
 RT: 10.110 min Scan# 1211  
 Delta R.T. -0.006 min  
 Lab File: BN018902.D  
 Acq: 10 Mar 2022 14:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 93 Resp: 7459  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 25.4 38.0  
 123 10.7 8.3 12.5

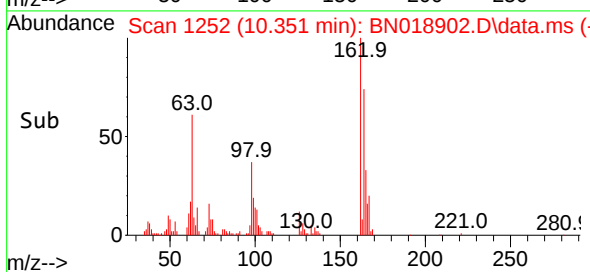
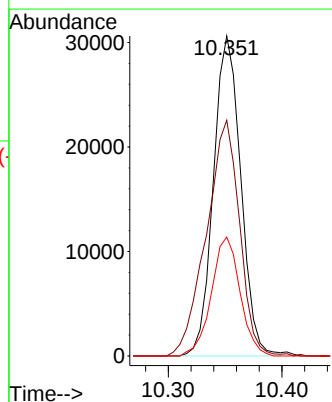
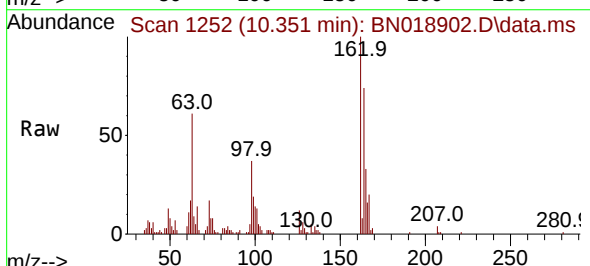
Manual Integrations  
 APPROVED

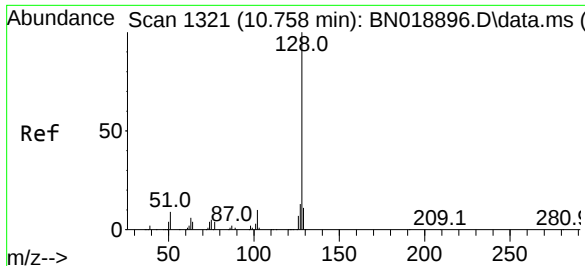
Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022



#29  
 2,4-Dichlorophenol  
 Concen: 4.654 ng/ul  
 RT: 10.351 min Scan# 1252  
 Delta R.T. -0.006 min  
 Lab File: BN018902.D  
 Acq: 10 Mar 2022 14:05

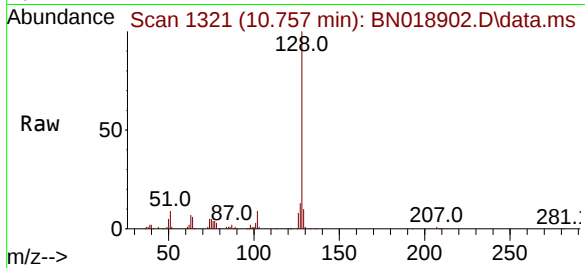
Tgt Ion:162 Resp: 51235  
 Ion Ratio Lower Upper  
 162 100  
 164 73.6 52.9 79.3  
 98 37.2 29.8 44.8





#30  
Naphthalene  
Concen: 4.858 ng/ul  
RT: 10.757 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

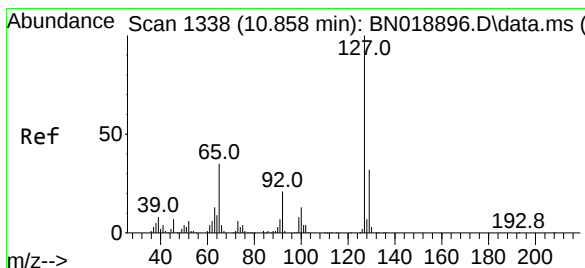
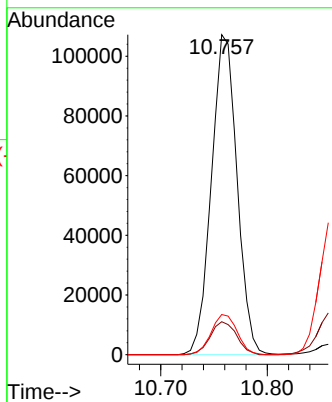
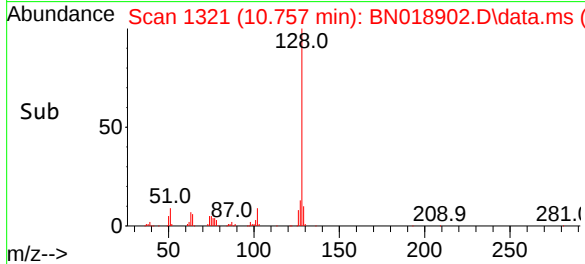
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:128 Resp: 179430  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.7 13.1  
127 12.5 10.6 16.0

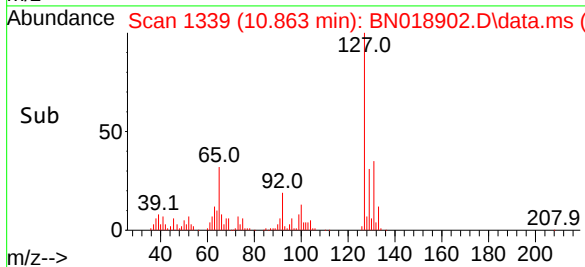
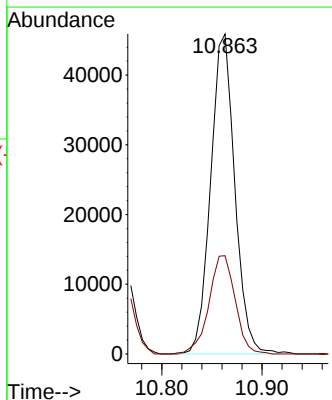
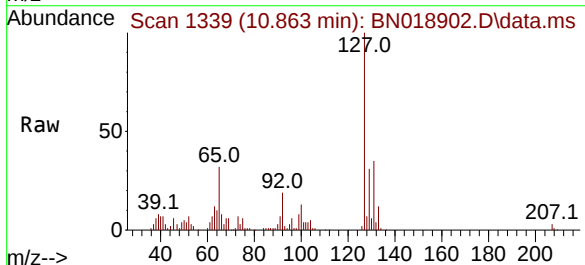
Manual Integrations  
APPROVED

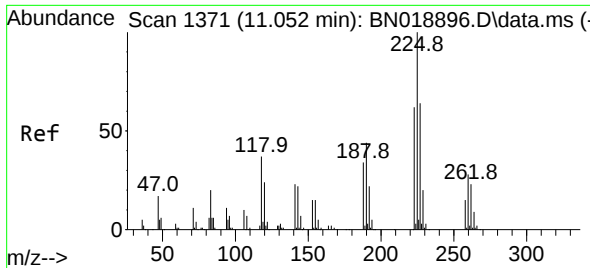
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#32  
4-Chloroaniline  
Concen: 4.546 ng/ul  
RT: 10.863 min Scan# 1339  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

Tgt Ion:127 Resp: 76840  
Ion Ratio Lower Upper  
127 100  
129 30.7 26.1 39.1





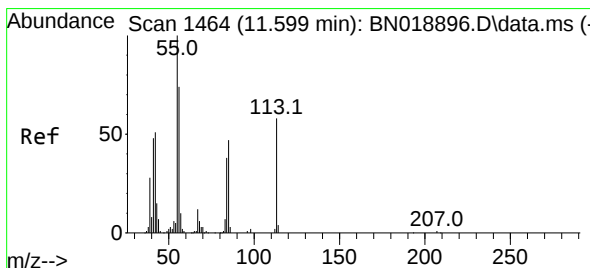
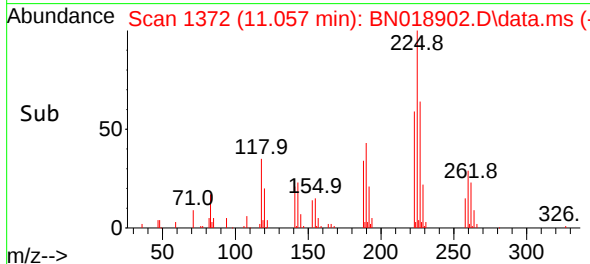
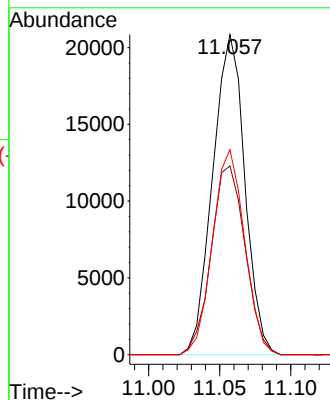
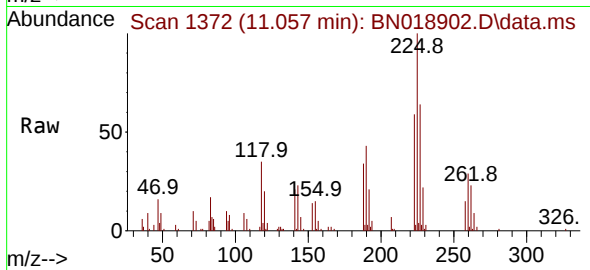
#33  
Hexachlorobutadiene  
Concen: 4.744 ng/ul  
RT: 11.057 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02

Tgt Ion:225 Resp: 3281  
Ion Ratio Lower Upper  
225 100  
223 62.3 51.8 77.6  
227 64.1 50.6 76.0

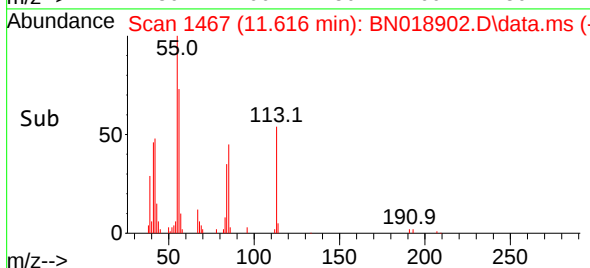
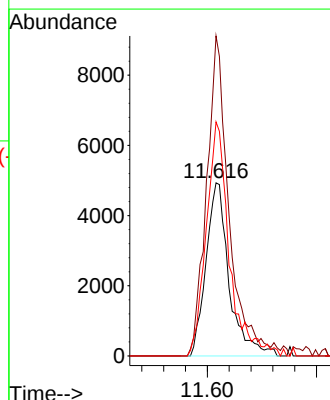
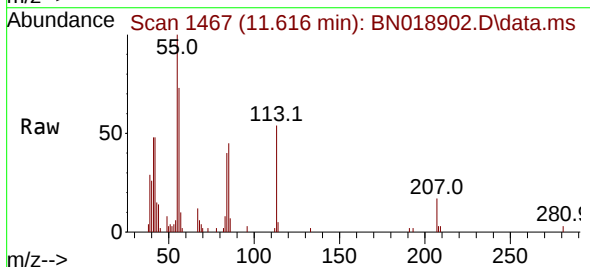
Manual Integrations  
APPROVED

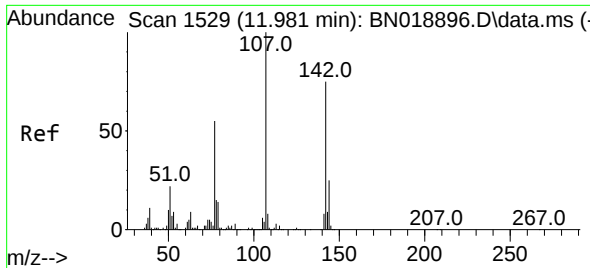
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#34  
Caprolactam  
Concen: 3.618 ng/ul m  
RT: 11.616 min Scan# 1467  
Delta R.T. 0.012 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

Tgt Ion:113 Resp: 14484  
Ion Ratio Lower Upper  
113 100  
55 184.8 145.5 218.3  
56 135.2 106.5 159.7





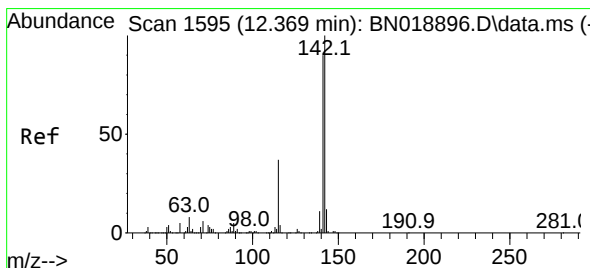
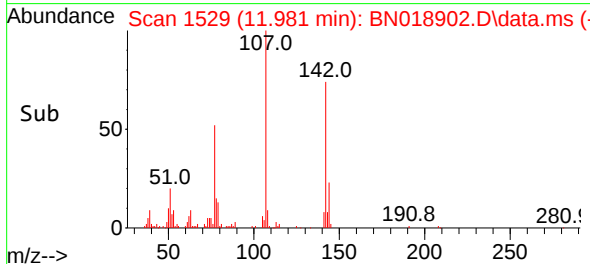
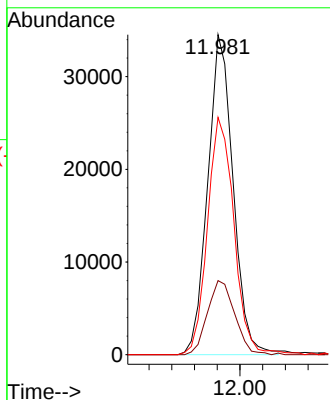
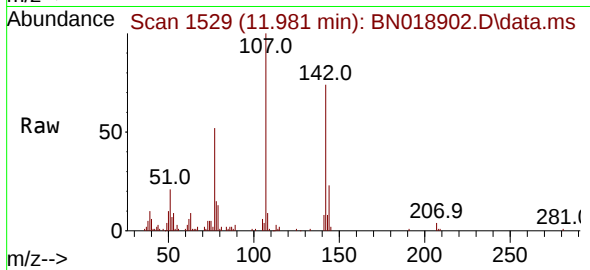
#35  
4-Chloro-3-methylphenol  
Concen: 4.153 ng/ul  
RT: 11.981 min Scan# 1529  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02

Tgt Ion:107 Resp: 5354  
Ion Ratio Lower Upper  
107 100  
144 23.1 20.6 31.0  
142 74.2 62.2 93.4

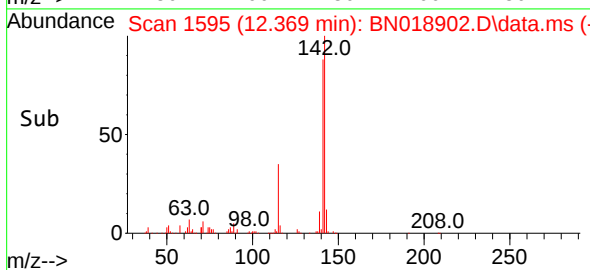
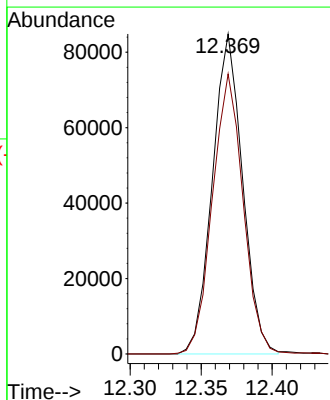
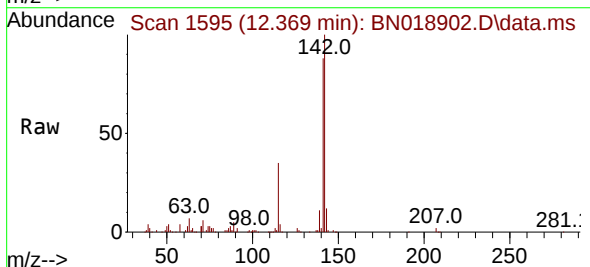
Manual Integrations  
APPROVED

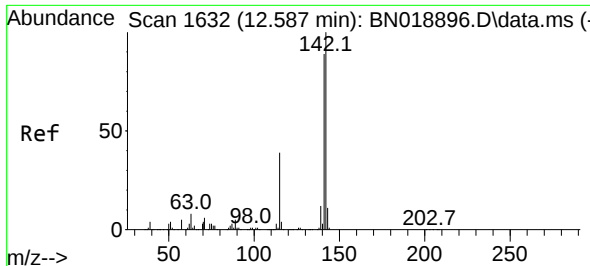
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#36  
2-Methylnaphthalene  
Concen: 4.820 ng/ul  
RT: 12.369 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

Tgt Ion:142 Resp: 125171  
Ion Ratio Lower Upper  
142 100  
141 87.5 70.6 105.8





#37

1-Methylnaphthalene

Concen: 4.081 ng/ul

RT: 12.587 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BN018902.D

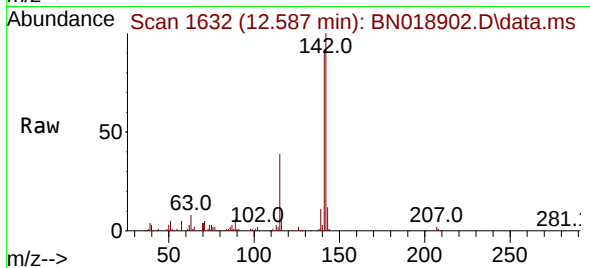
Acq: 10 Mar 2022 14:05

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02



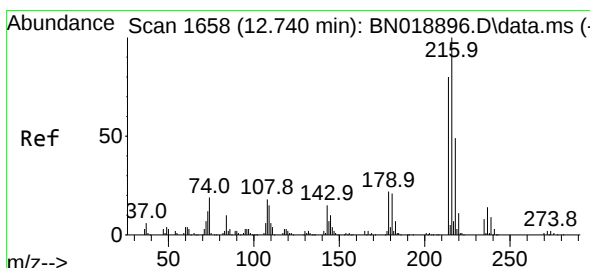
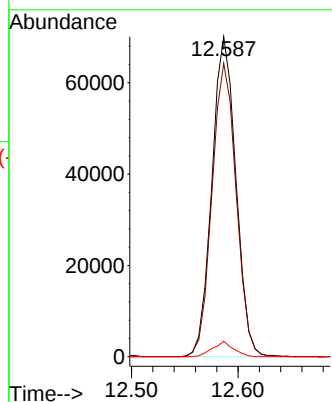
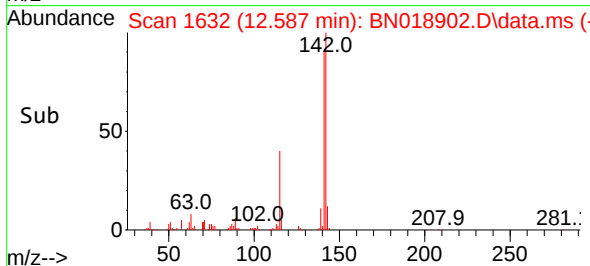
Tgt Ion:142 Resp: 109440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.7  | 70.9  | 106.3 |
| 116 | 4.8   | 3.1   | 4.7   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.773 ng/ul

RT: 12.740 min Scan# 1658

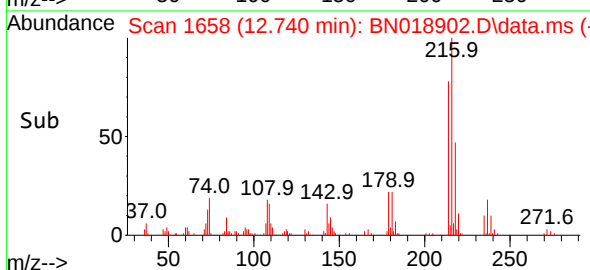
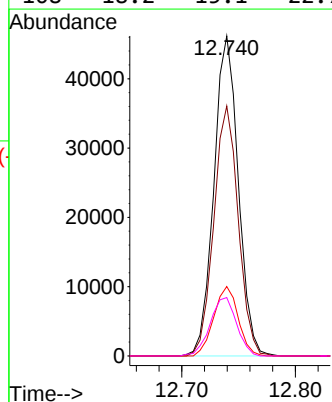
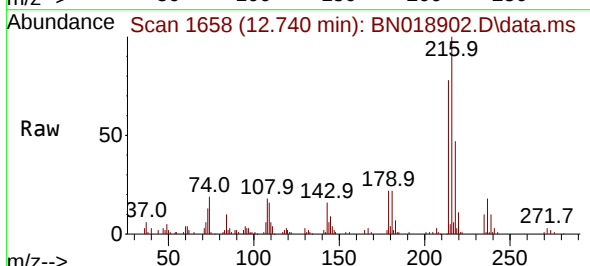
Delta R.T. -0.000 min

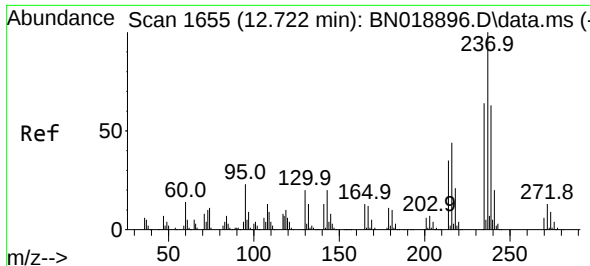
Lab File: BN018902.D

Acq: 10 Mar 2022 14:05

Tgt Ion:216 Resp: 68926

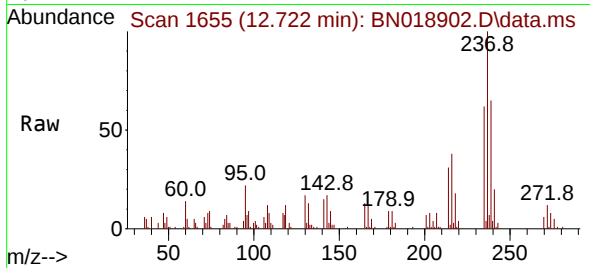
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.1  | 63.4  | 95.0  |
| 179 | 21.7  | 17.8  | 26.8  |
| 108 | 18.2  | 15.1  | 22.7  |





#40  
Hexachlorocyclopentadiene  
Concen: 4.577 ng/ul  
RT: 12.722 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

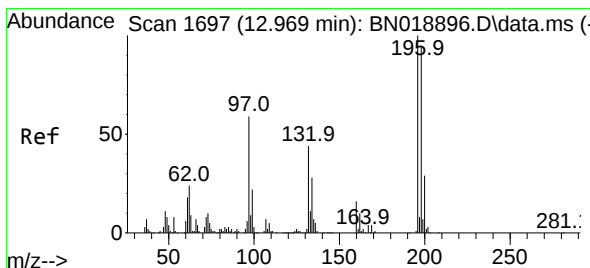
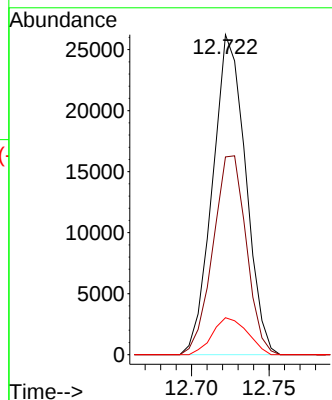
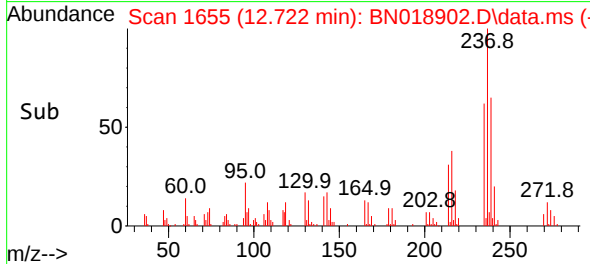
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



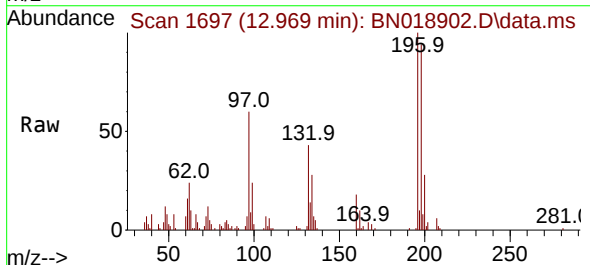
Tgt Ion:237 Resp: 38832  
Ion Ratio Lower Upper  
237 100  
235 61.8 48.8 73.2  
272 12.7 9.3 13.9

Manual Integrations  
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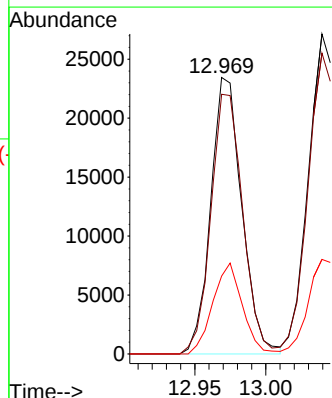
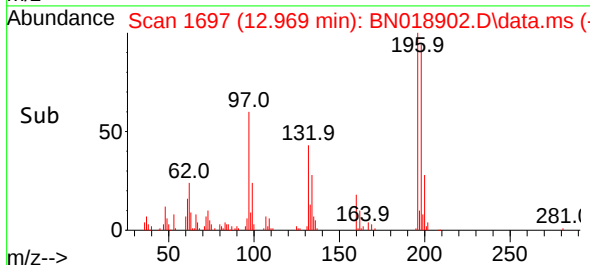
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

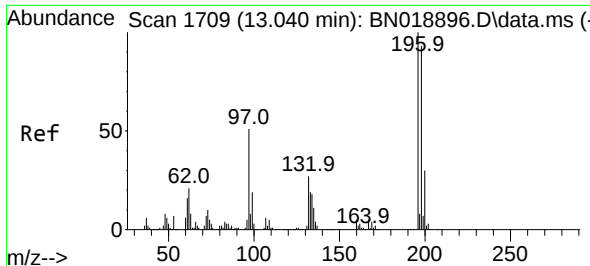


#41  
2,4,6-Trichlorophenol  
Concen: 3.828 ng/ul  
RT: 12.969 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



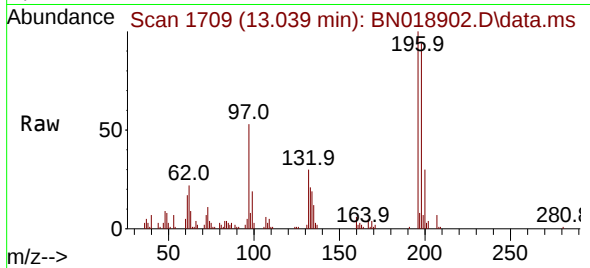
Tgt Ion:196 Resp: 35728  
Ion Ratio Lower Upper  
196 100  
198 94.0 79.8 119.8  
200 28.2 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 4.005 ng/ul  
RT: 13.039 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

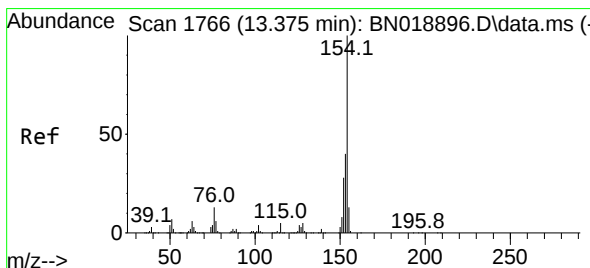
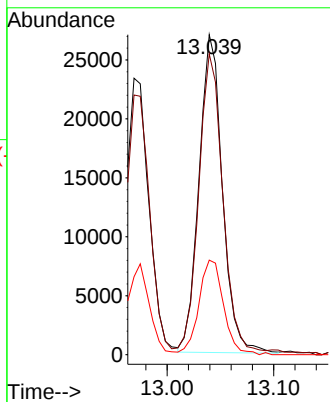
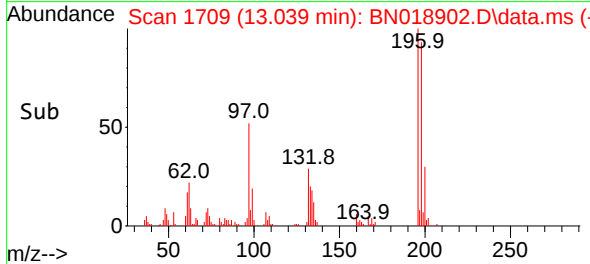
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:196 Resp: 4129  
Ion Ratio Lower Upper  
196 100  
198 94.0 77.6 116.4  
200 29.5 24.4 36.6

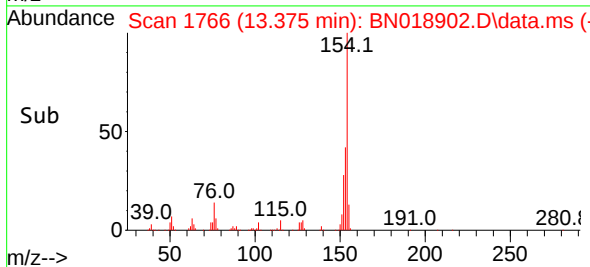
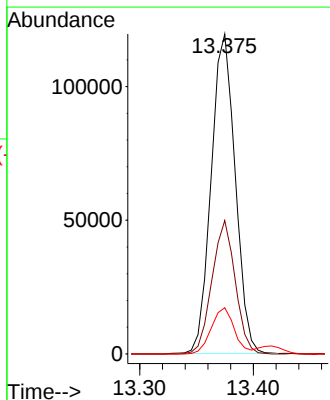
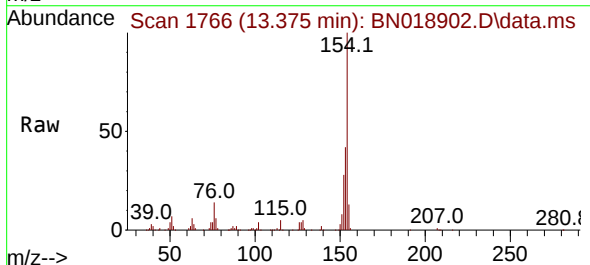
Manual Integrations  
APPROVED

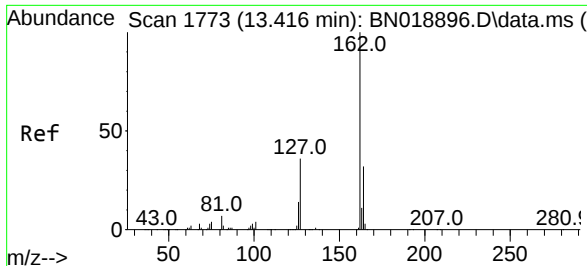
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#43  
1,1'-Biphenyl  
Concen: 4.729 ng/ul  
RT: 13.375 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

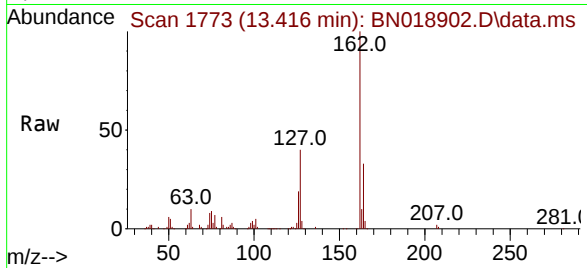
Tgt Ion:154 Resp: 175549  
Ion Ratio Lower Upper  
154 100  
153 41.7 31.5 47.3  
76 14.5 10.5 15.7





#44  
2-Chloronaphthalene  
Concen: 4.731 ng/ul  
RT: 13.416 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

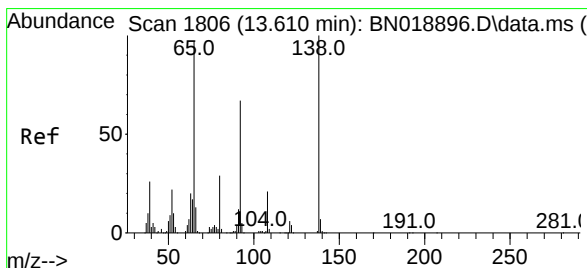
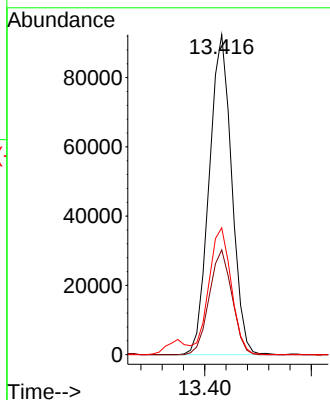
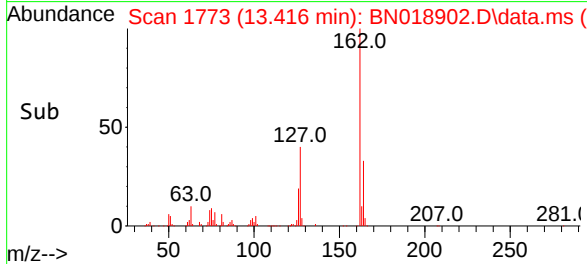
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



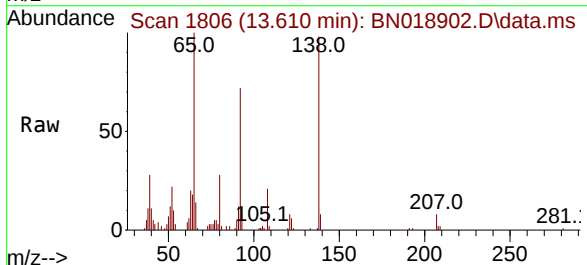
Tgt Ion:162 Resp: 135240  
Ion Ratio Lower Upper  
162 100  
164 32.7 25.8 38.6  
127 39.7 31.4 47.2

Manual Integrations  
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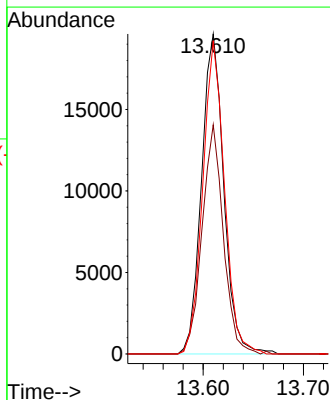
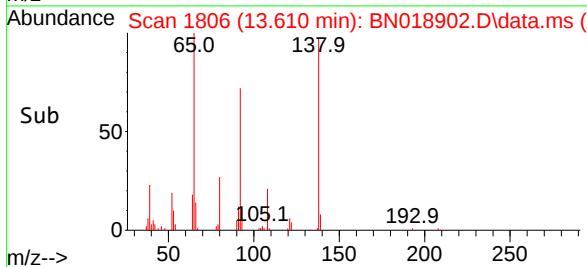
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

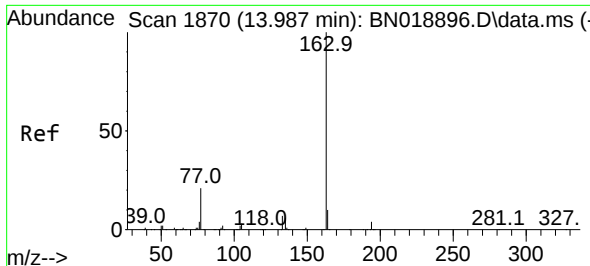


#45  
2-Nitroaniline  
Concen: 3.563 ng/ul  
RT: 13.610 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



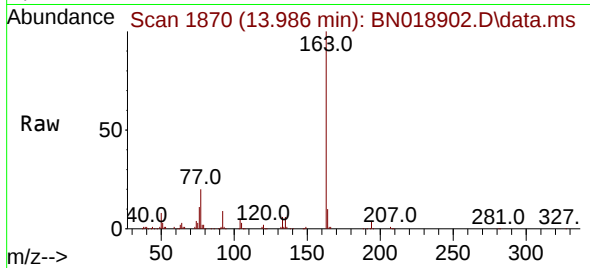
Tgt Ion: 65 Resp: 30356  
Ion Ratio Lower Upper  
65 100  
92 71.6 54.1 81.1  
138 97.9 77.0 115.4





#47  
Dimethylphthalate  
Concen: 4.728 ng/ul  
RT: 13.986 min Scan# 1870  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

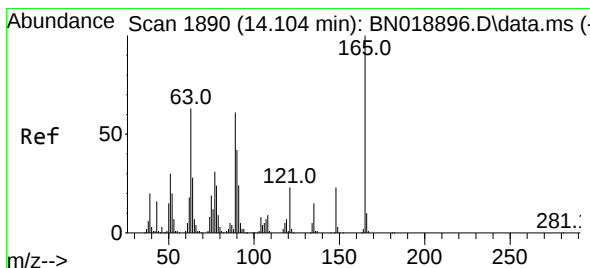
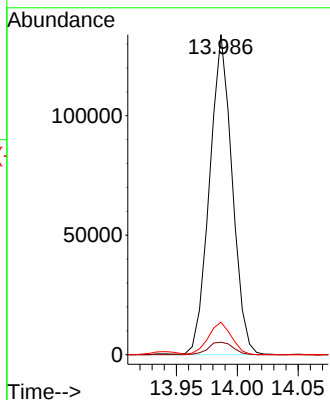
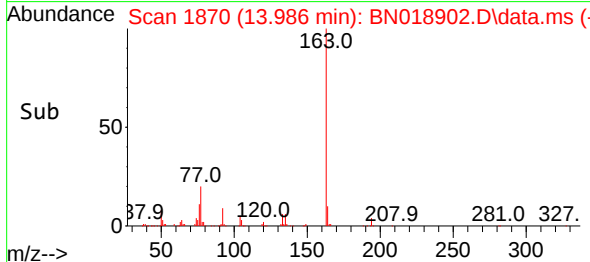
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



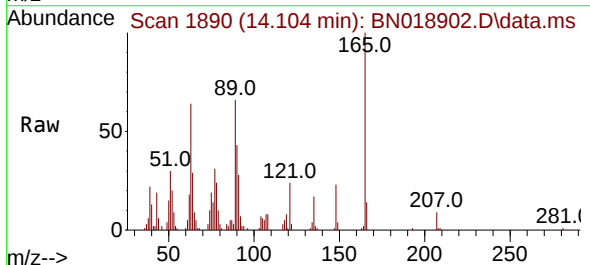
Tgt Ion:163 Resp: 173329  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.0  
164 10.2 7.7 11.5

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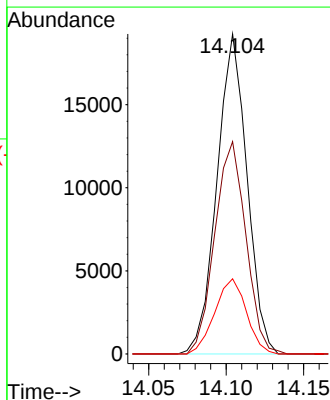
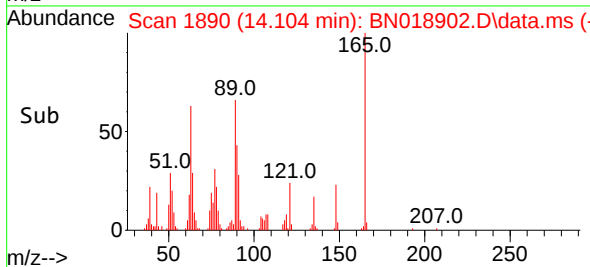
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

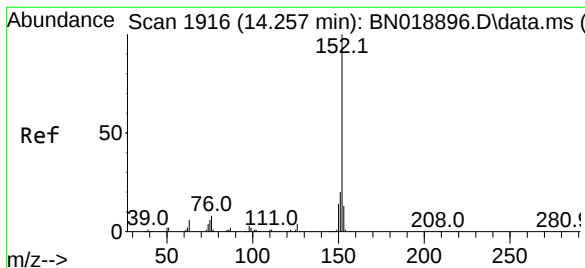


#48  
2,6-Dinitrotoluene  
Concen: 3.694 ng/ul  
RT: 14.104 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



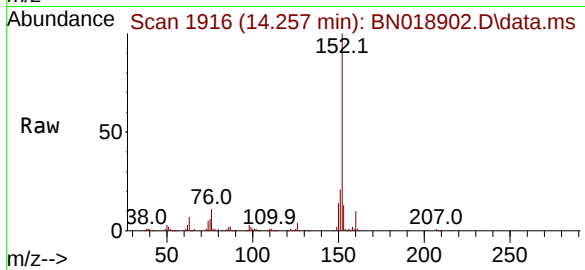
Tgt Ion:165 Resp: 25950  
Ion Ratio Lower Upper  
165 100  
89 66.4 50.6 75.8  
121 23.5 17.9 26.9





#50  
Acenaphthylene  
Concen: 4.831 ng/ul  
RT: 14.257 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

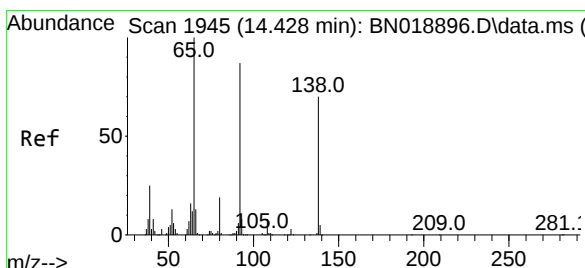
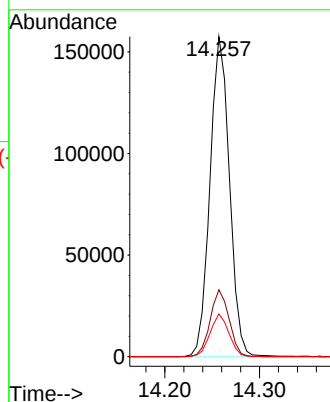
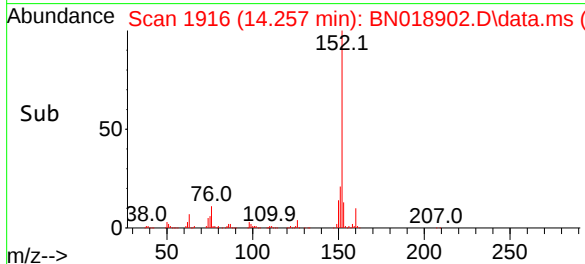
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:152 Resp: 224880  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.0 24.0  
153 13.3 10.7 16.1

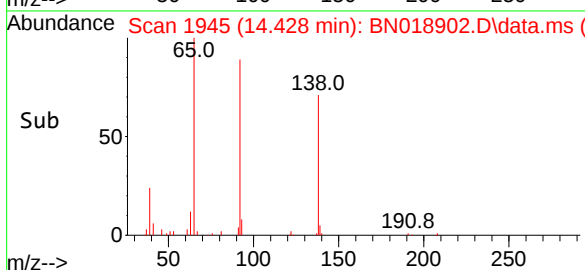
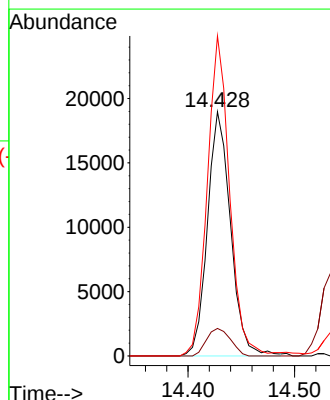
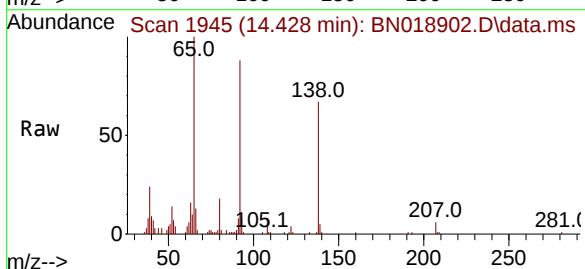
Manual Integrations  
APPROVED

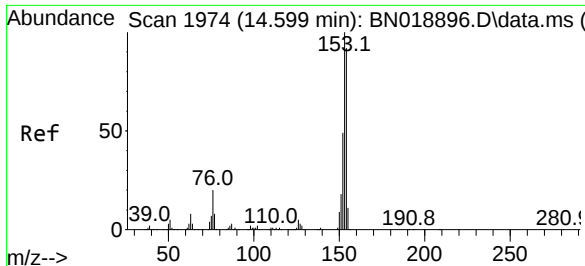
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#51  
3-Nitroaniline  
Concen: 4.207 ng/ul  
RT: 14.428 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

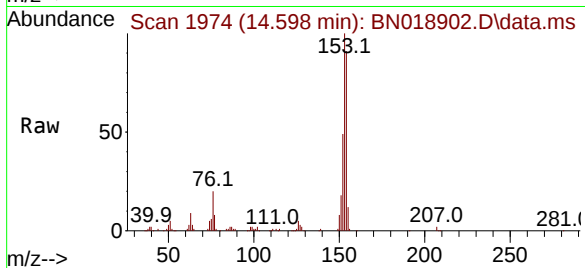
Tgt Ion:138 Resp: 28626  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.6 12.8  
92 131.0 92.9 139.3





#52  
Acenaphthene  
Concen: 4.855 ng/ul  
RT: 14.598 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

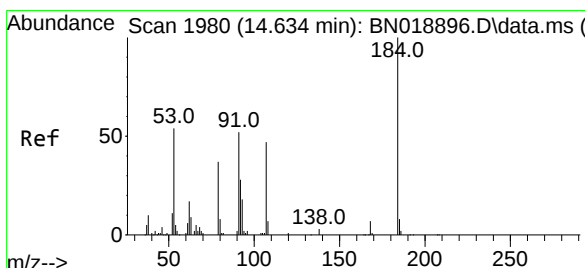
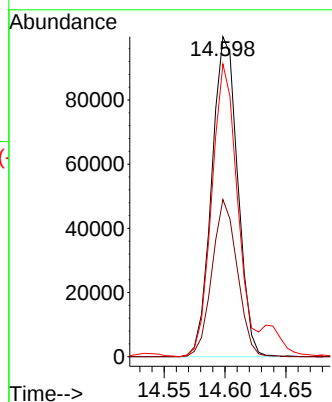
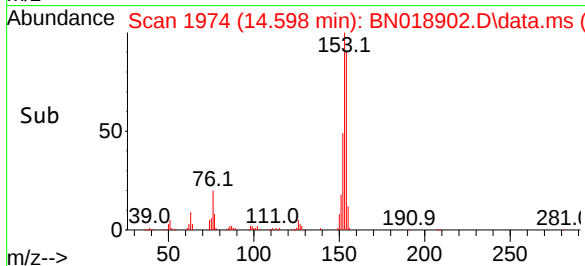
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:153 Resp: 147934  
Ion Ratio Lower Upper  
153 100  
152 49.1 38.4 57.6  
154 91.5 69.7 104.5

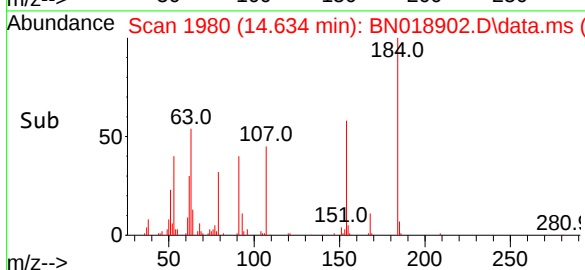
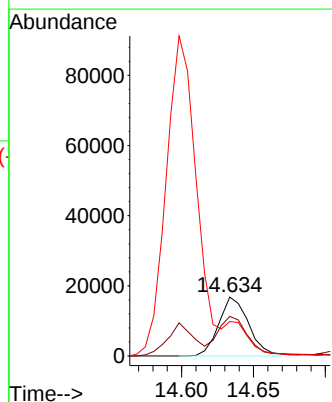
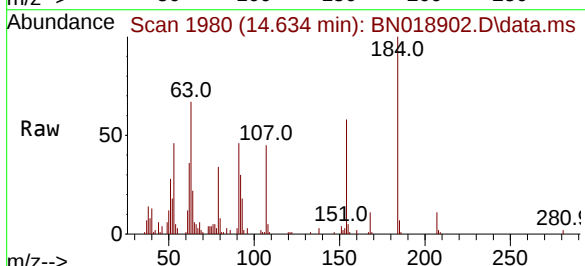
Manual Integrations  
APPROVED

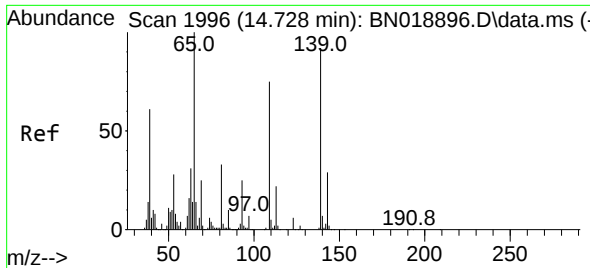
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#53  
2,4-Dinitrophenol  
Concen: 5.390 ng/ul m  
RT: 14.634 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

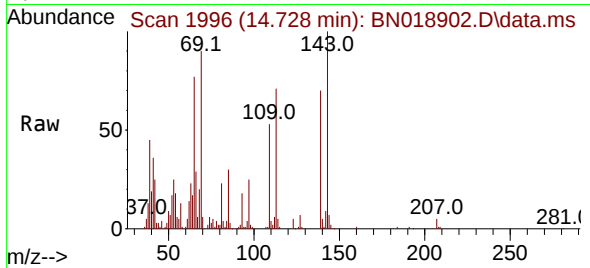
Tgt Ion:184 Resp: 24209  
Ion Ratio Lower Upper  
184 100  
63 67.0 55.9 83.9  
154 58.5 53.1 79.7





#55  
4-Nitrophenol  
Concen: 4.366 ng/ul  
RT: 14.728 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

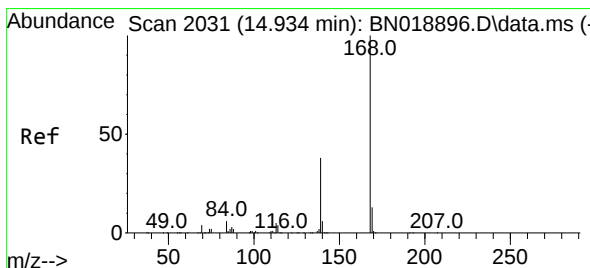
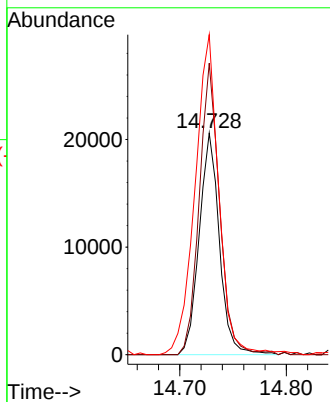
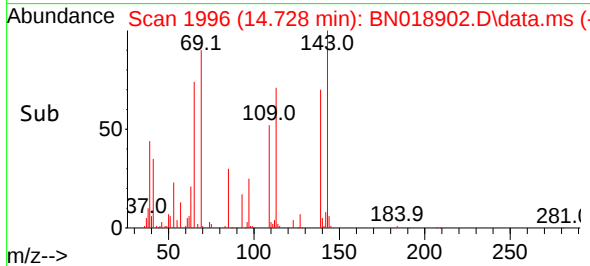
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:109 Resp: 27220  
Ion Ratio Lower Upper  
109 100  
139 131.5 100.1 150.1  
65 144.4 104.6 157.0

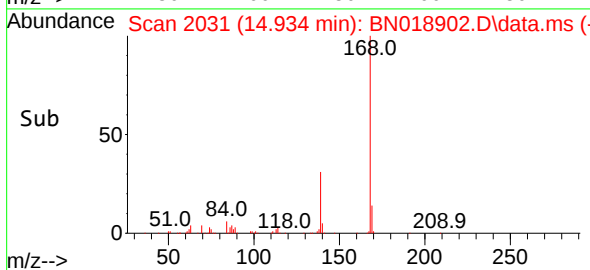
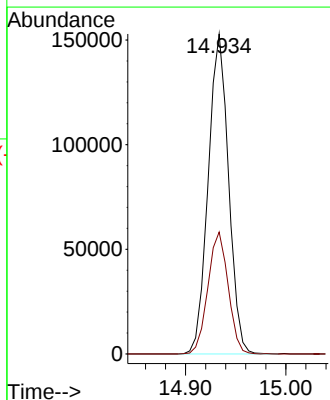
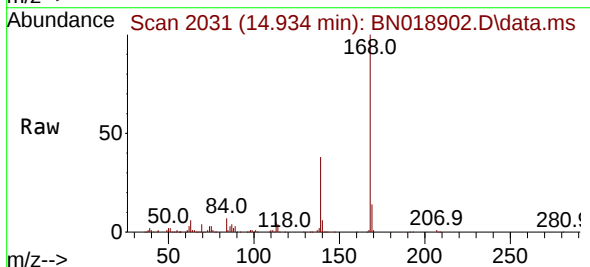
Manual Integrations  
APPROVED

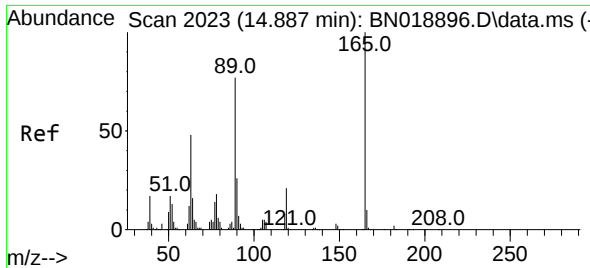
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#56  
Dibenzofuran  
Concen: 4.898 ng/ul  
RT: 14.934 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

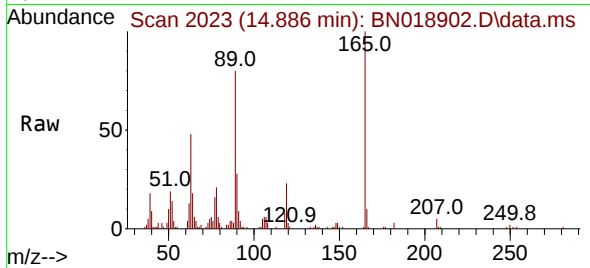
Tgt Ion:168 Resp: 215580  
Ion Ratio Lower Upper  
168 100  
139 38.1 31.1 46.7





#57  
2,4-Dinitrotoluene  
Concen: 4.089 ng/ul  
RT: 14.886 min Scan# 2023  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

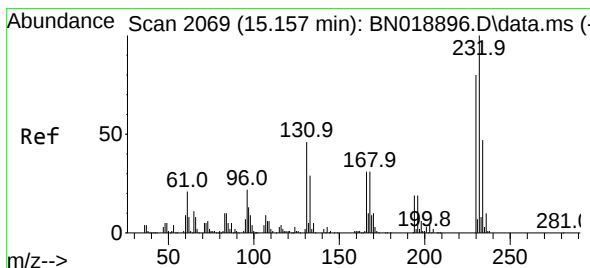
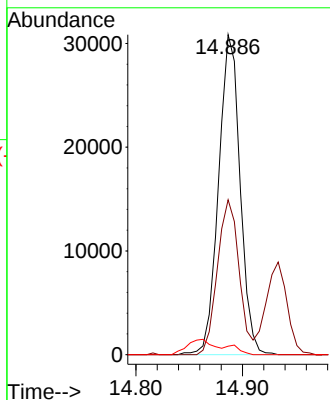
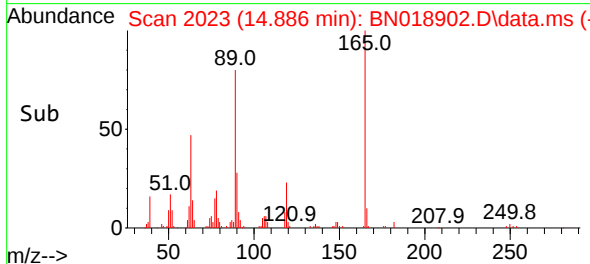
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



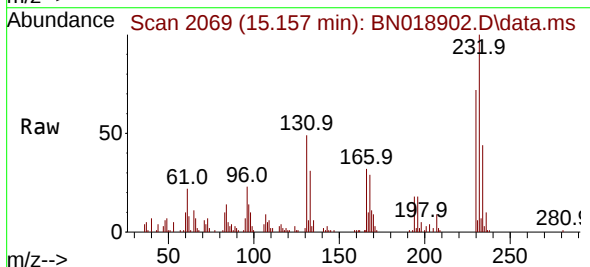
Tgt Ion:165 Resp: 43234  
Ion Ratio Lower Upper  
165 100  
63 48.4 36.3 54.5  
182 2.6 2.3 3.5

Manual Integrations  
APPROVED

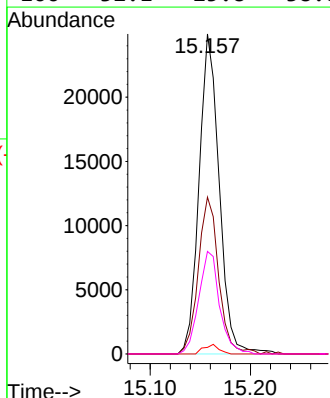
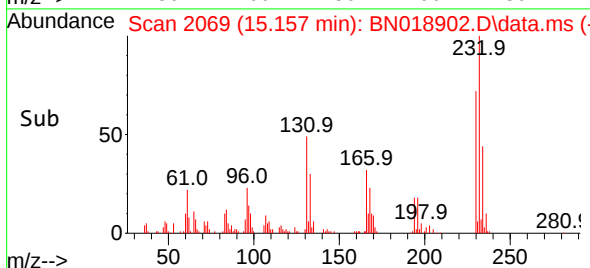
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

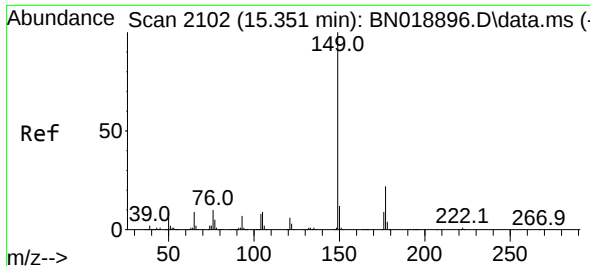


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.122 ng/ul  
RT: 15.157 min Scan# 2069  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



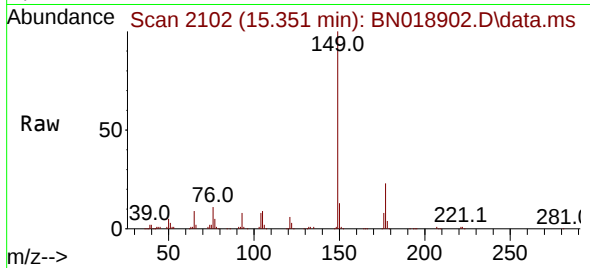
Tgt Ion:232 Resp: 34954  
Ion Ratio Lower Upper  
232 100  
131 49.0 38.5 57.7  
130 2.1 2.2 3.2#  
166 32.1 25.8 38.8





#59  
Diethylphthalate  
Concen: 4.528 ng/ul  
RT: 15.351 min Scan# 2102  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

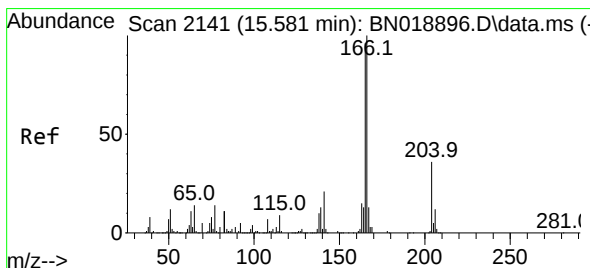
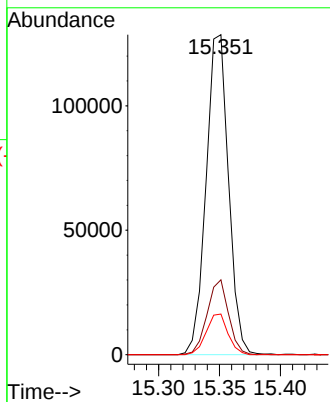
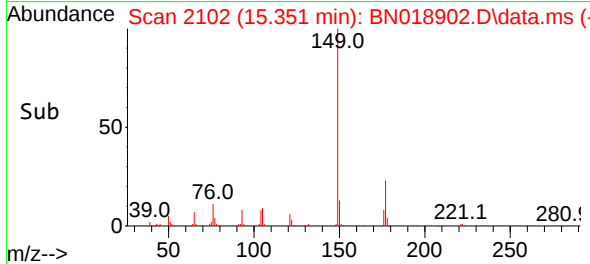
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



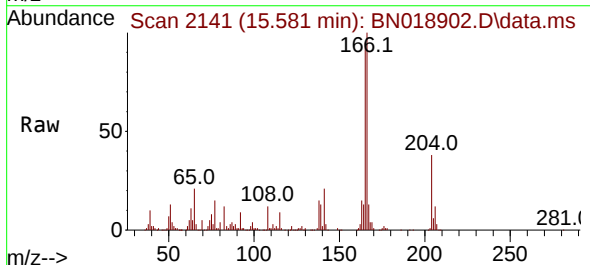
Tgt Ion:149 Resp: 16523  
Ion Ratio Lower Upper  
149 100  
177 23.4 17.8 26.8  
150 12.7 10.5 15.7

Manual Integrations  
APPROVED

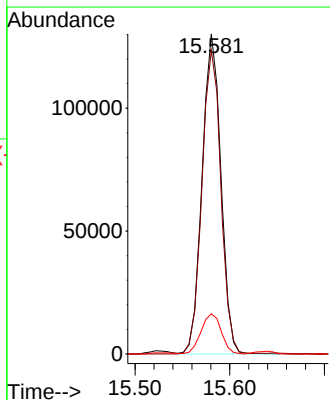
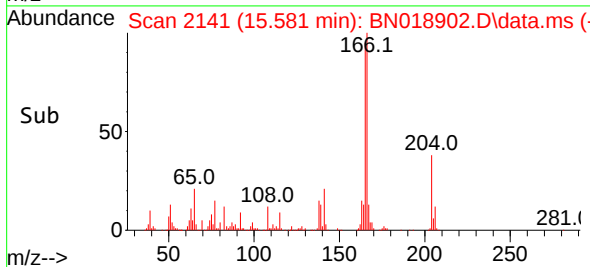
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

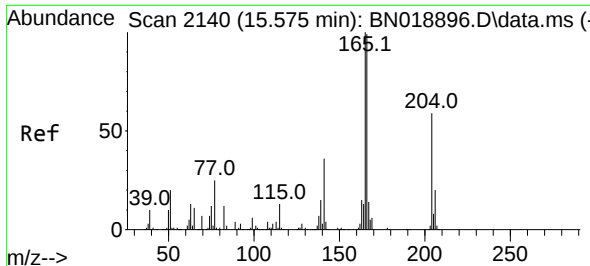


#61  
Fluorene  
Concen: 5.175 ng/ul  
RT: 15.581 min Scan# 2141  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



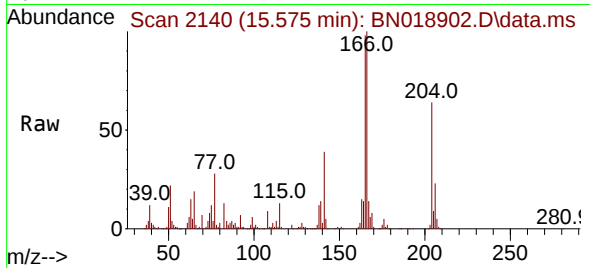
Tgt Ion:166 Resp: 179346  
Ion Ratio Lower Upper  
166 100  
165 95.0 77.7 116.5  
167 12.5 11.1 16.7





#62  
4-Chlorophenyl-phenylether  
Concen: 5.101 ng/ul  
RT: 15.575 min Scan# 2140  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

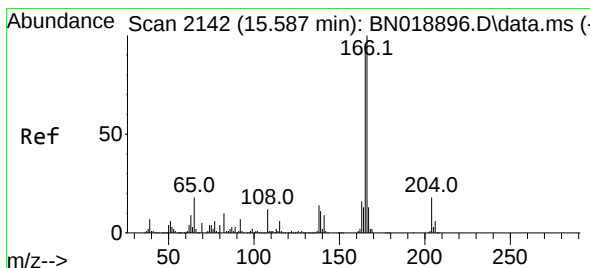
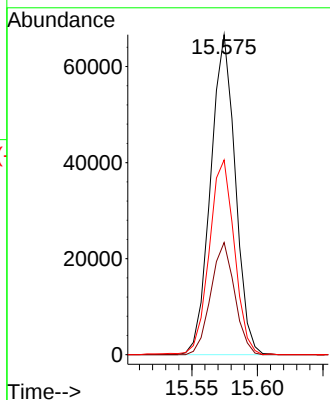
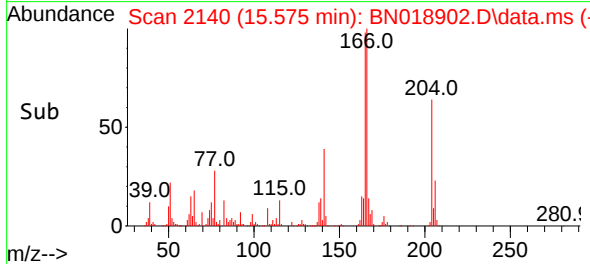
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:204 Resp: 8707  
Ion Ratio Lower Upper  
204 100  
206 35.1 26.7 40.1  
141 60.9 50.2 75.2

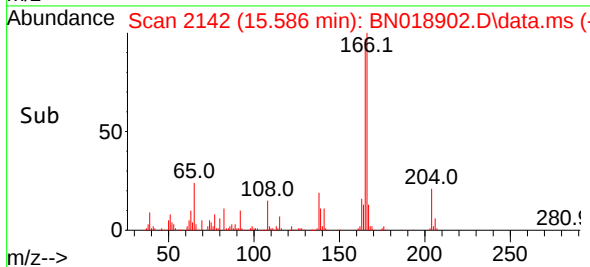
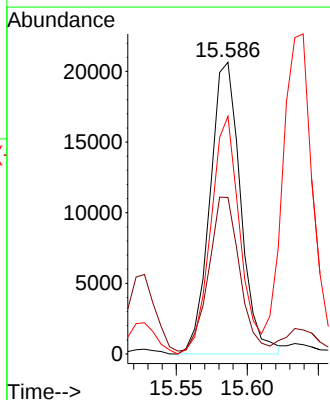
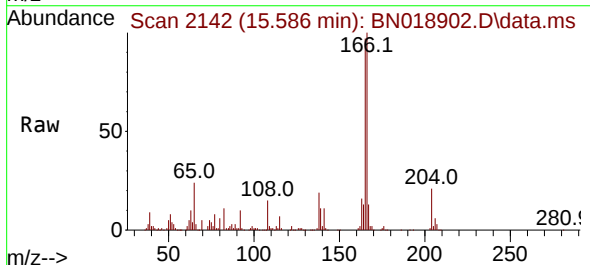
Manual Integrations  
APPROVED

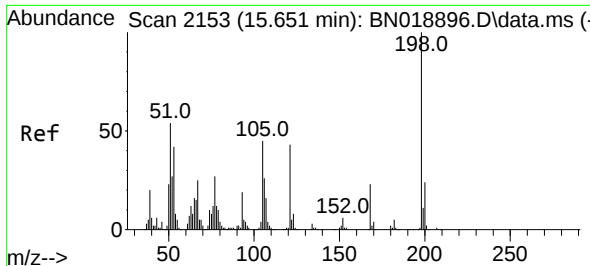
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#63  
4-Nitroaniline  
Concen: 4.895 ng/ul  
RT: 15.586 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

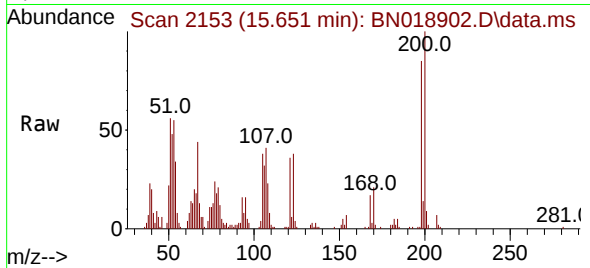
Tgt Ion:138 Resp: 31015  
Ion Ratio Lower Upper  
138 100  
92 53.6 41.0 61.6  
108 81.4 65.3 97.9





#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.342 ng/ul  
RT: 15.651 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

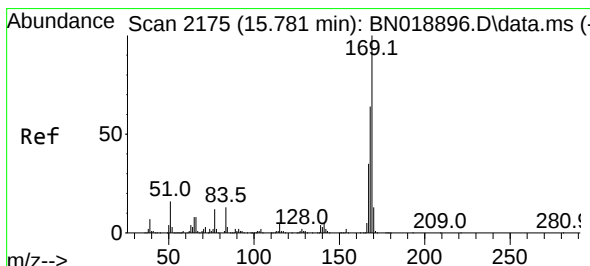
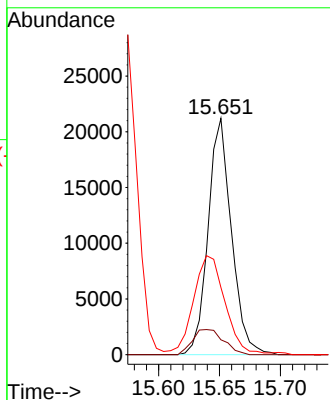
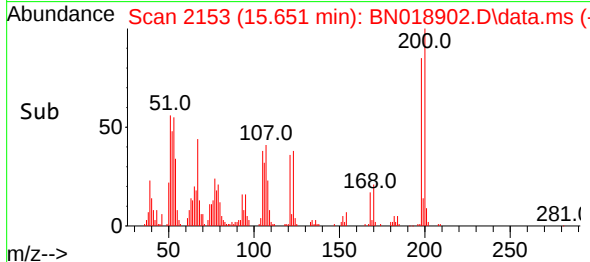
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:198 Resp: 2838  
Ion Ratio Lower Upper  
198 100  
182 6.3 3.0 4.4  
77 28.5 20.1 30.1

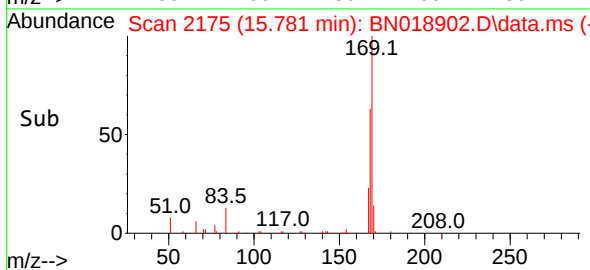
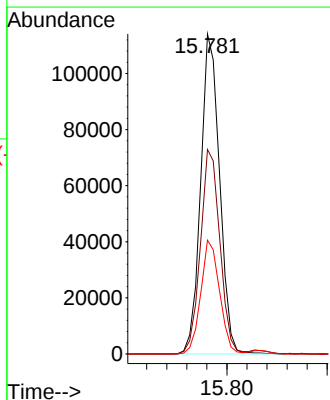
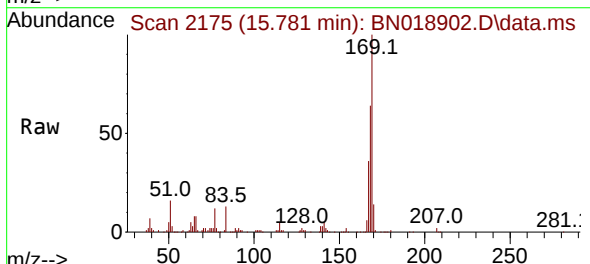
Manual Integrations  
APPROVED

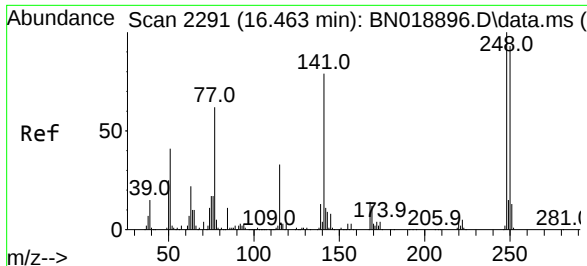
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#67  
N-Nitrosodiphenylamine  
Concen: 4.846 ng/ul  
RT: 15.781 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

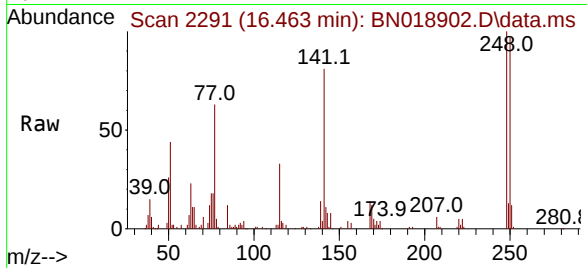
Tgt Ion:169 Resp: 149594  
Ion Ratio Lower Upper  
169 100  
168 63.9 52.4 78.6  
167 35.6 27.5 41.3





#68  
4-Bromophenyl-phenylether  
Concen: 4.726 ng/ul  
RT: 16.463 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

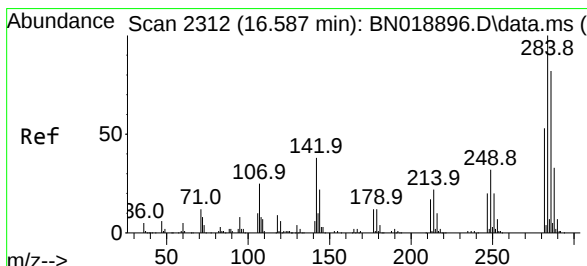
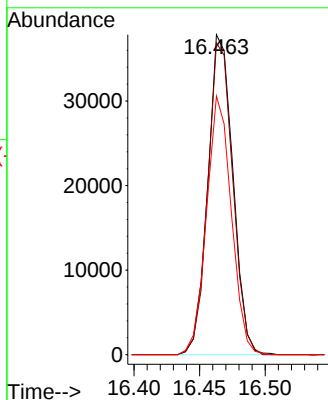
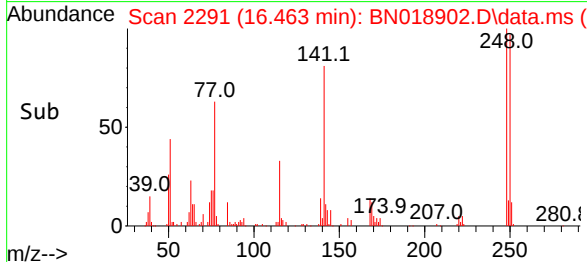
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



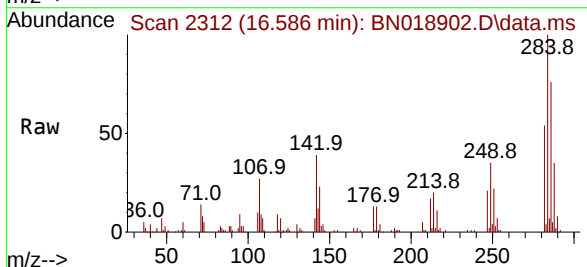
Tgt Ion:248 Resp: 50425  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.8 116.8  
141 80.8 62.6 93.8

Manual Integrations  
APPROVED

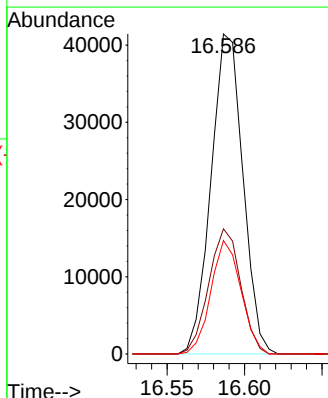
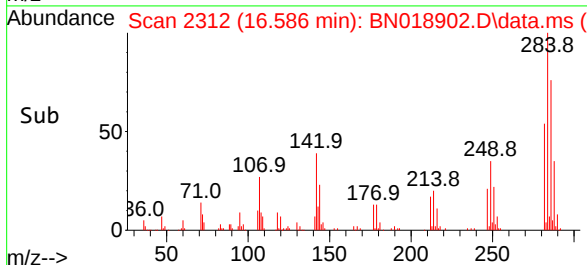
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

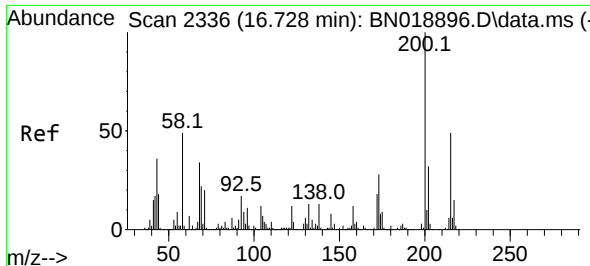


#69  
Hexachlorobenzene  
Concen: 4.850 ng/ul  
RT: 16.586 min Scan# 2312  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



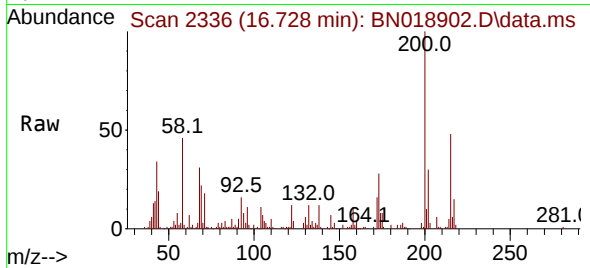
Tgt Ion:284 Resp: 59334  
Ion Ratio Lower Upper  
284 100  
142 39.1 27.8 41.8  
249 35.4 25.7 38.5





#70  
Atrazine  
Concen: 4.037 ng/ul  
RT: 16.728 min Scan# 2336  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

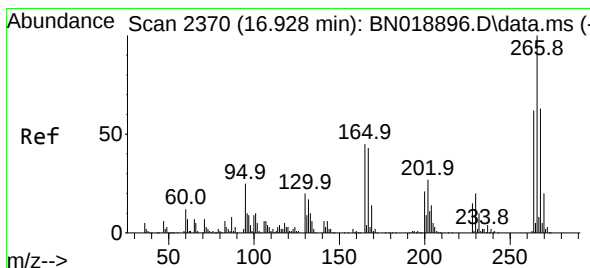
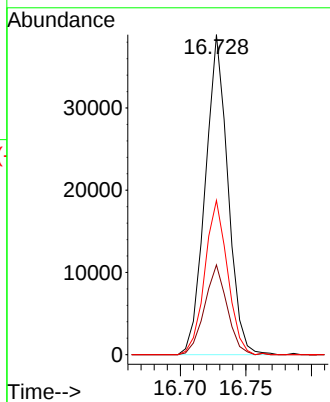
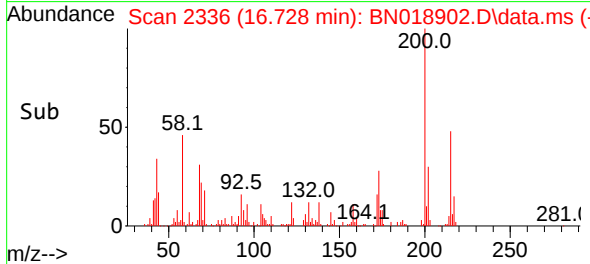
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:200 Resp: 4669  
Ion Ratio Lower Upper  
200 100  
173 28.0 20.5 30.7  
215 48.2 38.9 58.3

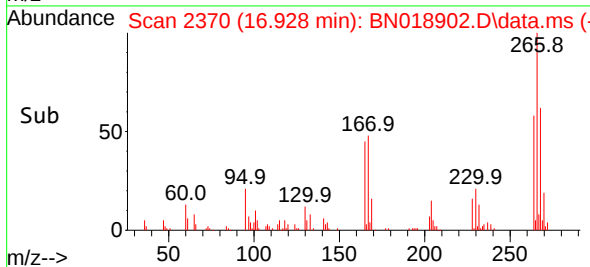
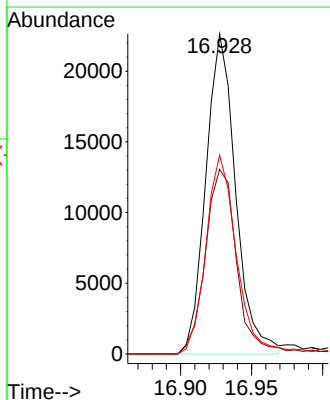
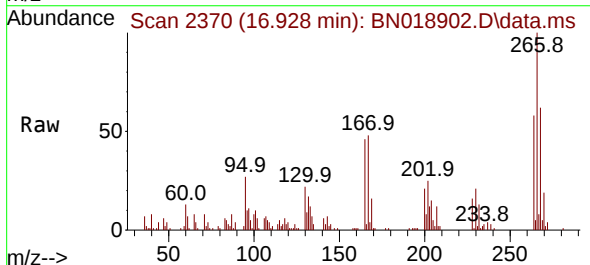
Manual Integrations  
APPROVED

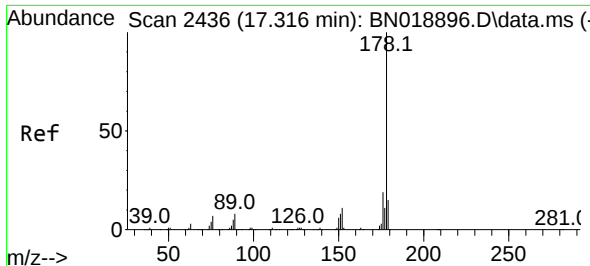
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#71  
Pentachlorophenol  
Concen: 4.329 ng/ul  
RT: 16.928 min Scan# 2370  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

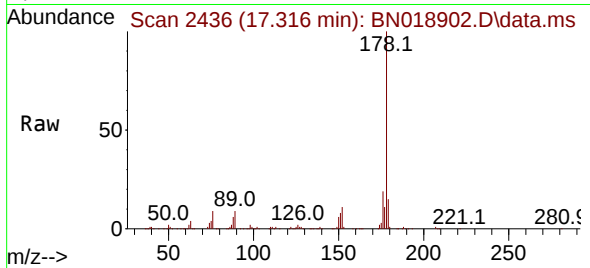
Tgt Ion:266 Resp: 33003  
Ion Ratio Lower Upper  
266 100  
264 57.7 50.2 75.2  
268 62.2 49.3 73.9





#72  
Phenanthrene  
Concen: 4.943 ng/ul  
RT: 17.316 min Scan# 2436  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

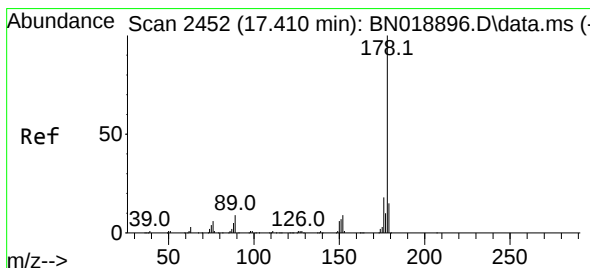
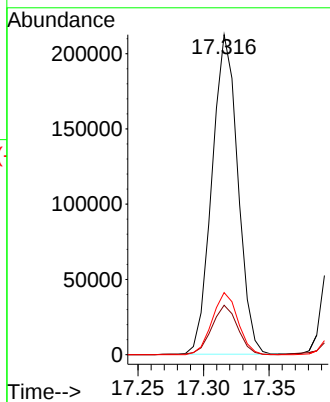
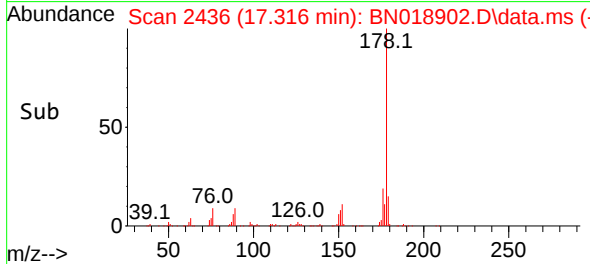
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:178 Resp: 291500  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.2 18.4  
176 19.4 15.2 22.8

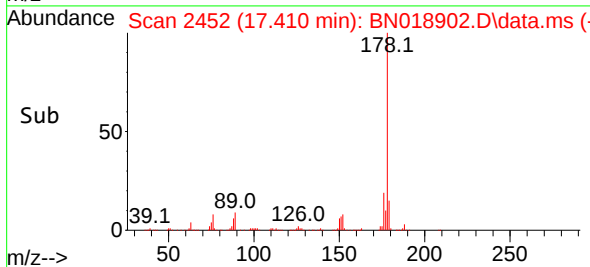
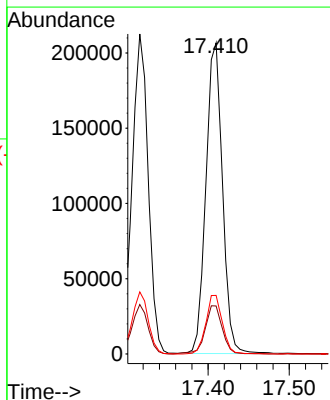
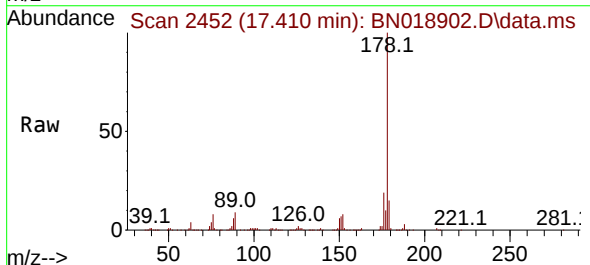
Manual Integrations  
APPROVED

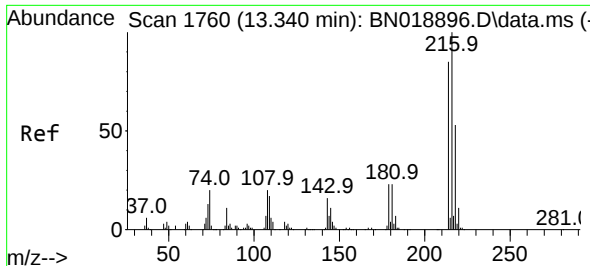
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#74  
Anthracene  
Concen: 4.967 ng/ul  
RT: 17.410 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

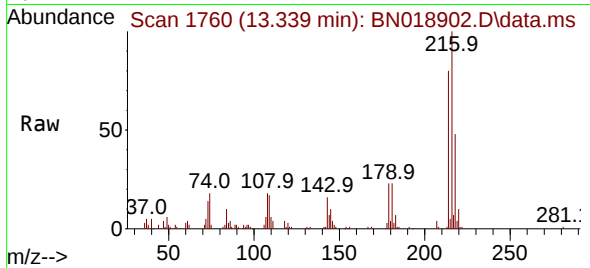
Tgt Ion:178 Resp: 292088  
Ion Ratio Lower Upper  
178 100  
179 15.4 13.0 19.4  
176 18.8 15.5 23.3





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.759 ng/uL  
RT: 13.339 min Scan# 1760  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

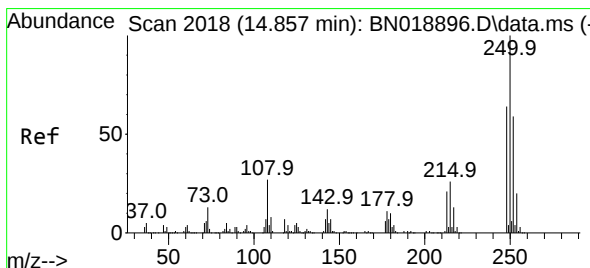
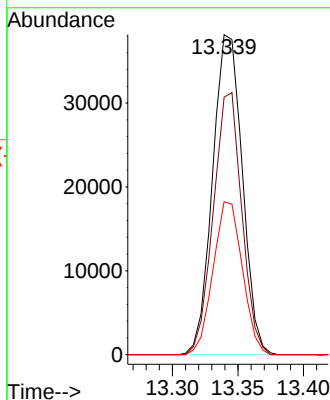
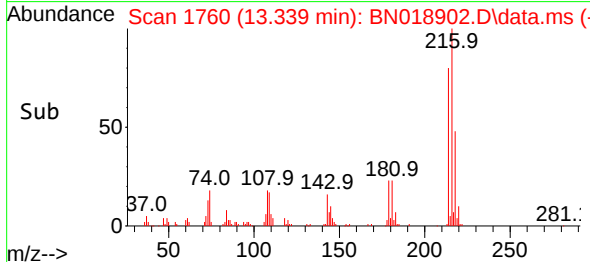
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



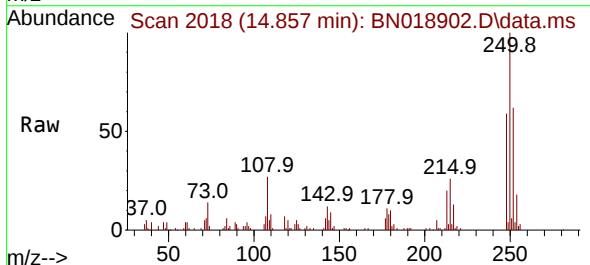
Tgt Ion:216 Resp: 60169  
Ion Ratio Lower Upper  
216 100  
214 80.5 63.2 94.8  
218 47.8 37.9 56.9

Manual Integrations  
APPROVED

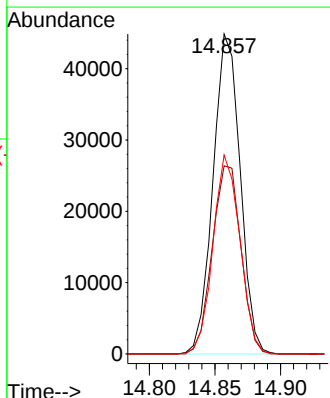
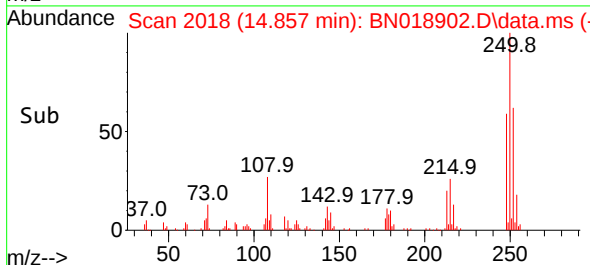
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

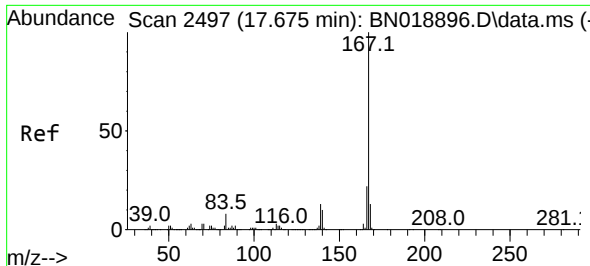


#76  
Pentachlorobenzene  
Concen: 4.456 ng/uL  
RT: 14.857 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



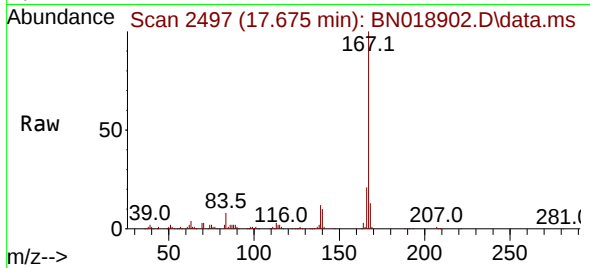
Tgt Ion:250 Resp: 64539  
Ion Ratio Lower Upper  
250 100  
248 58.8 53.0 79.4  
252 62.2 53.4 80.2





#77  
 Carbazole  
 Concen: 4.796 ng/ul  
 RT: 17.675 min Scan# 2497  
 Delta R.T. -0.000 min  
 Lab File: BN018902.D  
 Acq: 10 Mar 2022 14:05

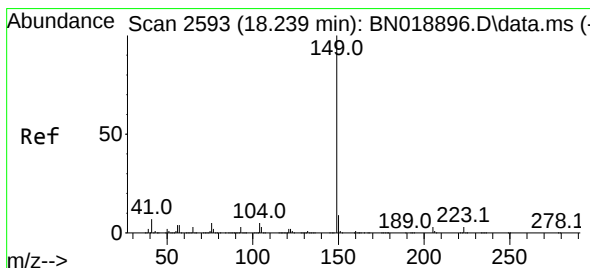
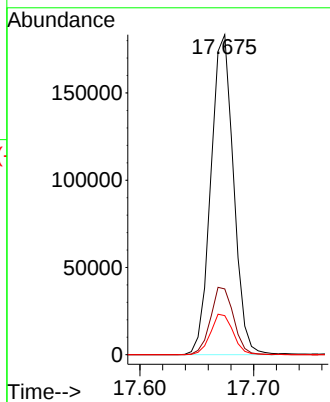
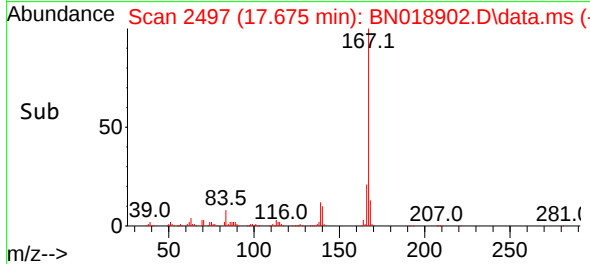
Instrument : BNA\_N  
 ClientSampleId : MDL-MED-SOIL-QT1-2022-02



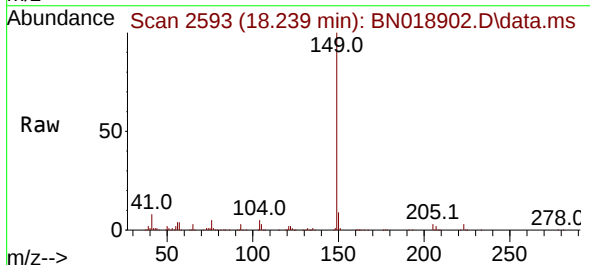
Tgt Ion:167 Resp: 25464  
 Ion Ratio Lower Upper  
 167 100  
 166 20.5 16.1 24.1  
 139 12.2 10.2 15.2

Manual Integrations  
 APPROVED

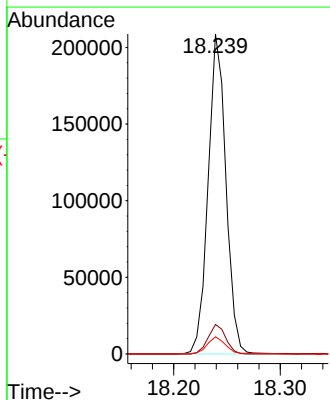
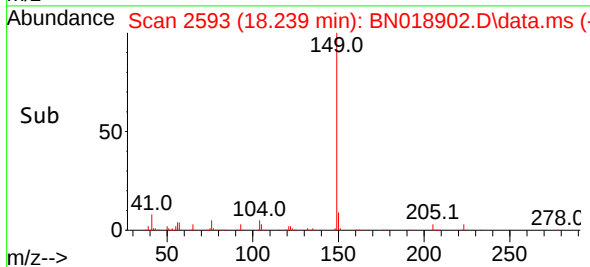
Reviewed By :Jagrut Upadhyay 03/10/2022  
 Supervised By :mohammad ahmed 03/16/2022

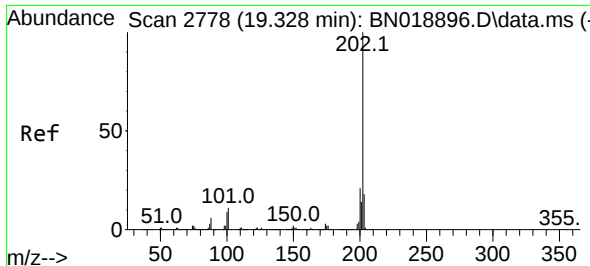


#78  
 Di-n-butylphthalate  
 Concen: 4.073 ng/ul  
 RT: 18.239 min Scan# 2593  
 Delta R.T. -0.006 min  
 Lab File: BN018902.D  
 Acq: 10 Mar 2022 14:05



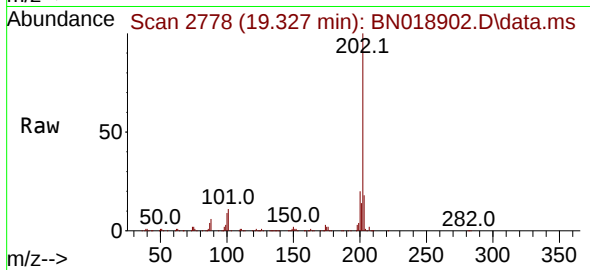
Tgt Ion:149 Resp: 243069  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.1 10.7  
 104 5.3 4.1 6.1





#80  
Fluoranthene  
Concen: 4.692 ng/u1  
RT: 19.327 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

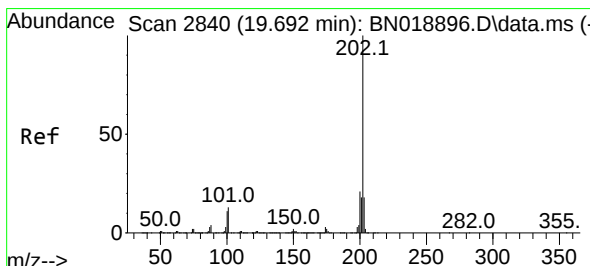
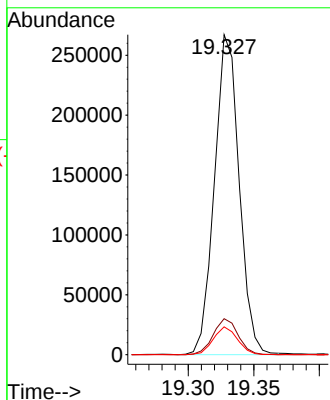
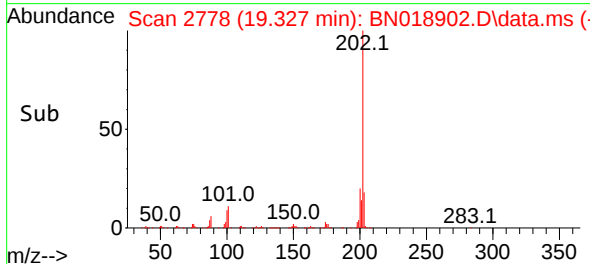
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:202 Resp: 34988  
Ion Ratio Lower Upper  
202 100  
101 11.2 8.9 13.3  
100 8.7 6.7 10.1

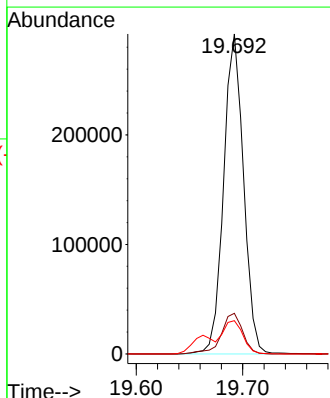
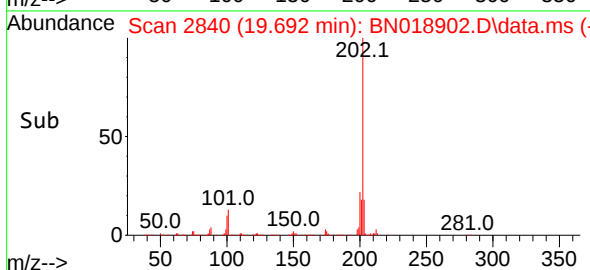
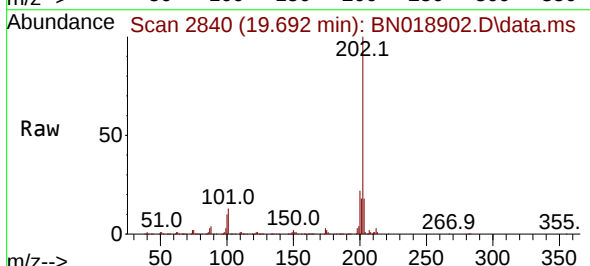
Manual Integrations  
APPROVED

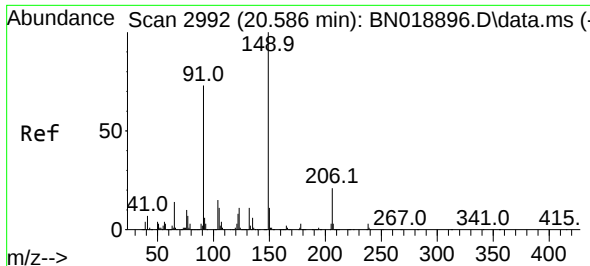
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#82  
Pyrene  
Concen: 4.965 ng/u1  
RT: 19.692 min Scan# 2840  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

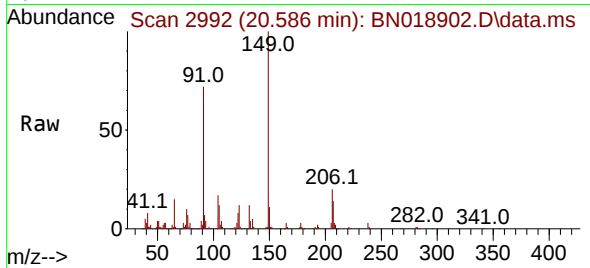
Tgt Ion:202 Resp: 378183  
Ion Ratio Lower Upper  
202 100  
101 12.7 9.7 14.5  
100 10.4 8.0 12.0





#83  
Butylbenzylphthalate  
Concen: 3.461 ng/ul  
RT: 20.586 min Scan# 2992  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

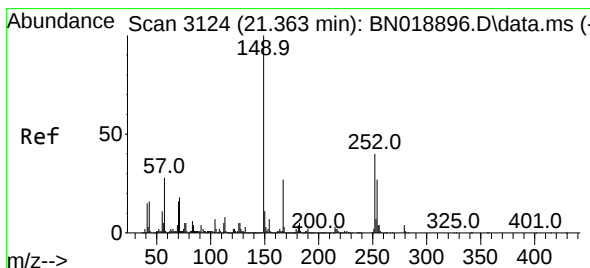
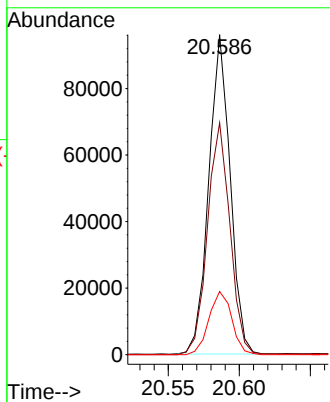
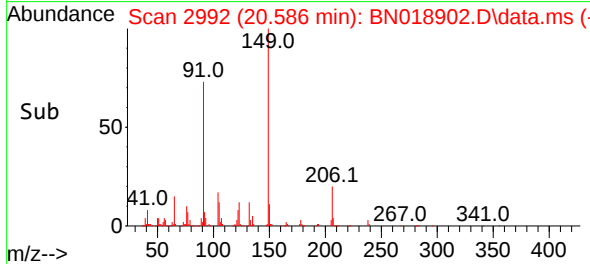
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:149 Resp: 100358  
Ion Ratio Lower Upper  
149 100  
91 72.5 58.8 88.2  
206 19.7 18.1 27.1

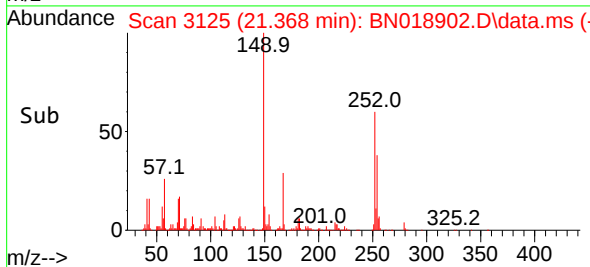
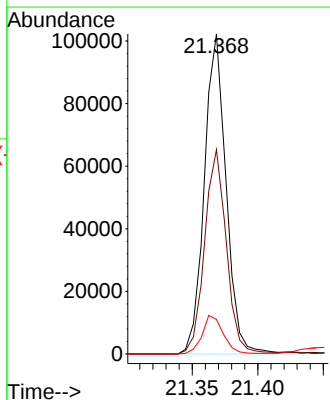
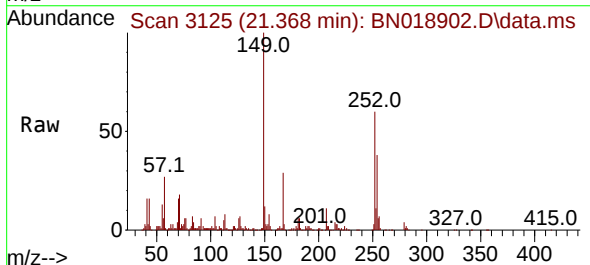
Manual Integrations  
APPROVED

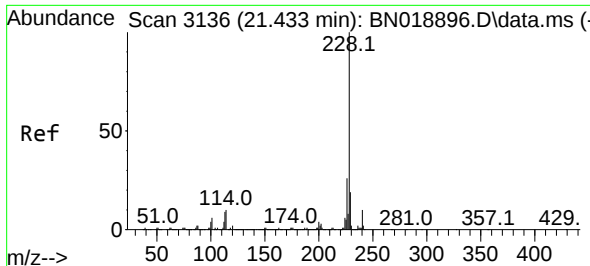
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#84  
3,3'-Dichlorobenzidine  
Concen: 4.686 ng/ul  
RT: 21.368 min Scan# 3125  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

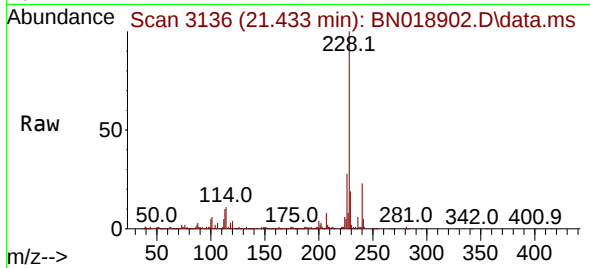
Tgt Ion:252 Resp: 118212  
Ion Ratio Lower Upper  
252 100  
254 63.8 50.8 76.2  
126 10.8 8.2 12.4





#85  
Benzo(a)anthracene  
Concen: 4.744 ng/ul  
RT: 21.433 min Scan# 3136  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

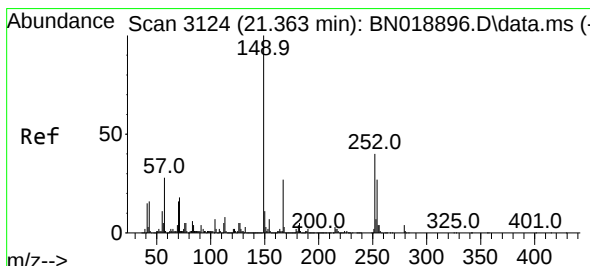
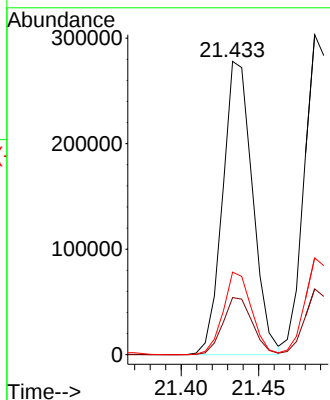
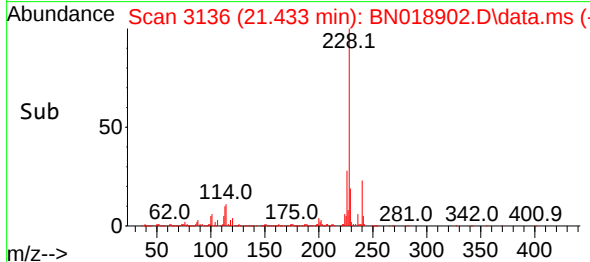
Instrument : BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:228 Resp: 373139  
Ion Ratio Lower Upper  
228 100  
229 19.5 16.3 24.5  
226 28.1 23.2 34.8

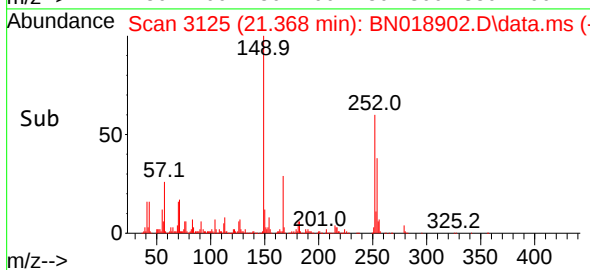
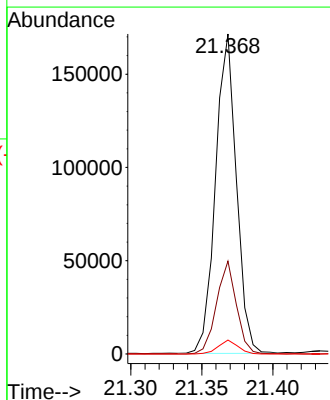
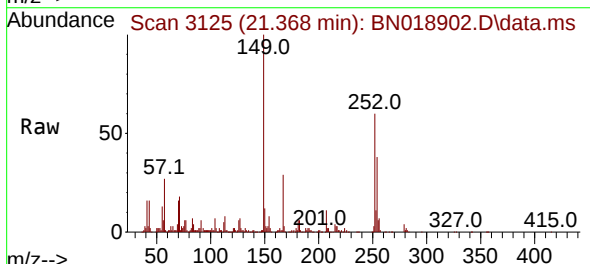
Manual Integrations  
APPROVED

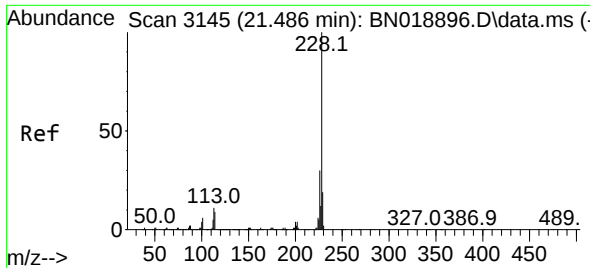
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 4.013 ng/ul  
RT: 21.368 min Scan# 3125  
Delta R.T. -0.000 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

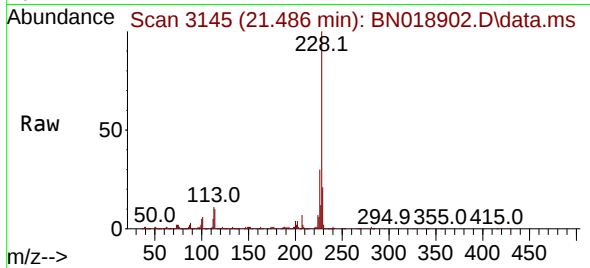
Tgt Ion:149 Resp: 175144  
Ion Ratio Lower Upper  
149 100  
167 29.0 22.5 33.7  
279 4.4 3.5 5.3





#87  
Chrysene  
Concen: 5.008 ng/ul  
RT: 21.486 min Scan# 3145  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

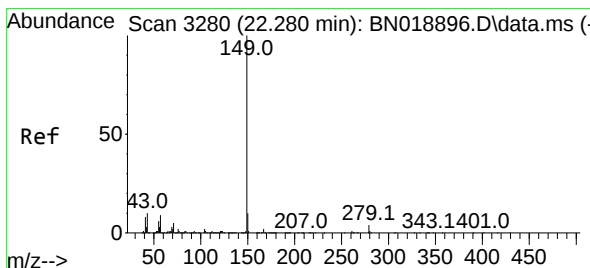
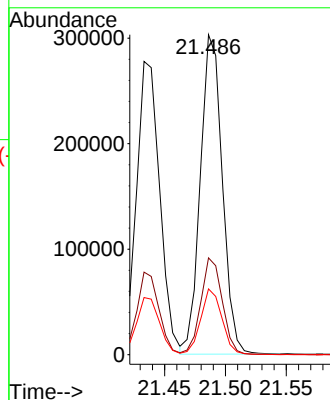
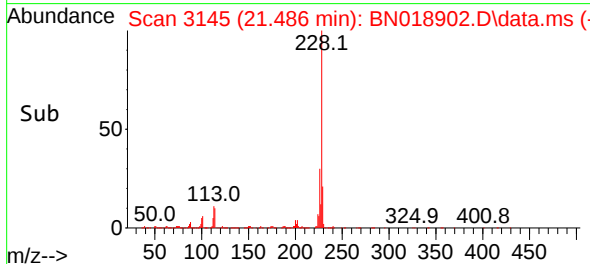
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



Tgt Ion:228 Resp: 381400  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.2 36.2  
229 20.6 16.2 24.2

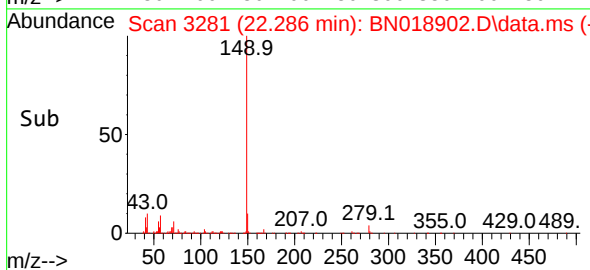
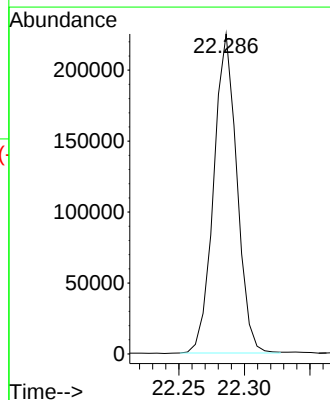
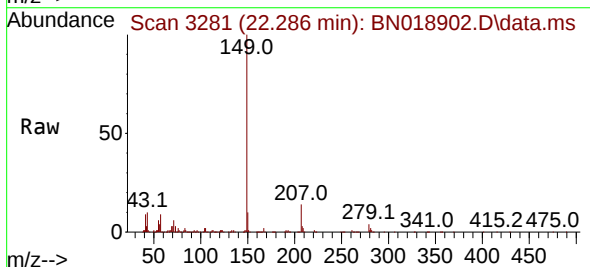
Manual Integrations  
APPROVED

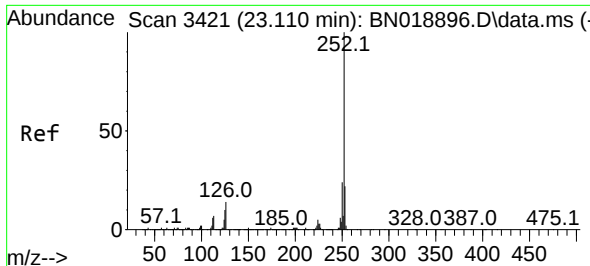
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#89  
Di-n-octyl phthalate  
Concen: 3.589 ng/ul  
RT: 22.286 min Scan# 3281  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

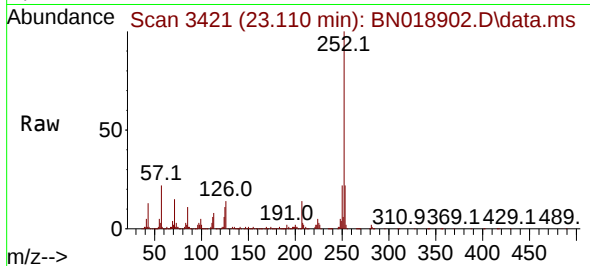
Tgt Ion:149 Resp: 276382





#90  
Benzo(b)fluoranthene  
Concen: 4.857 ng/ul  
RT: 23.110 min Scan# 3421  
Delta R.T. -0.012 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

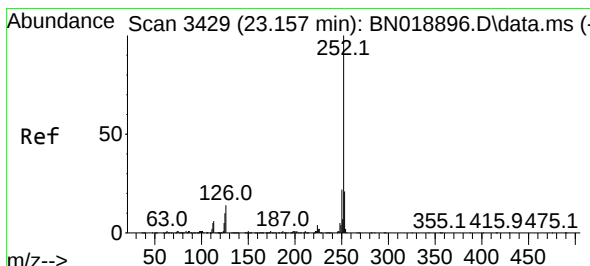
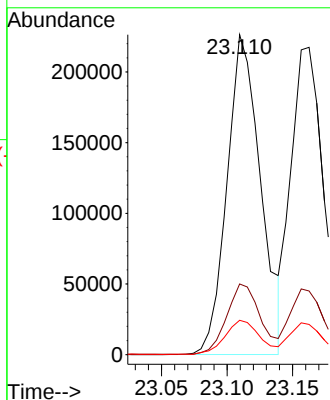
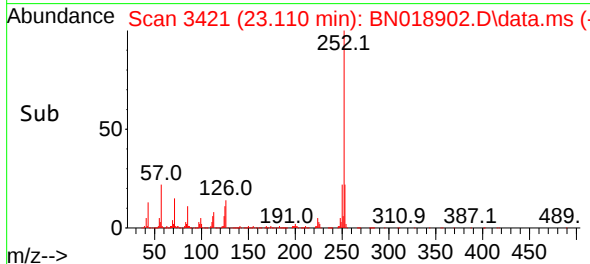
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2022-02



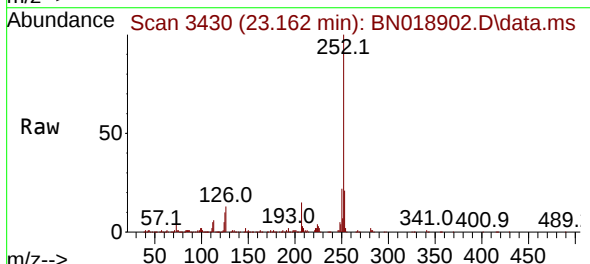
Tgt Ion:252 Resp: 403732  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.5 24.7  
125 10.8 7.8 11.8

Manual Integrations  
APPROVED

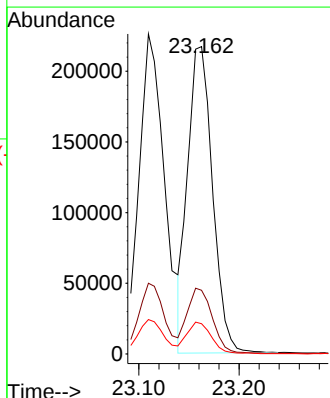
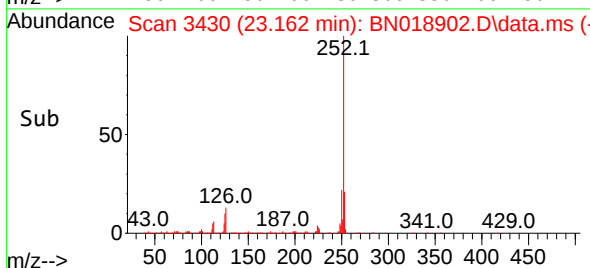
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022

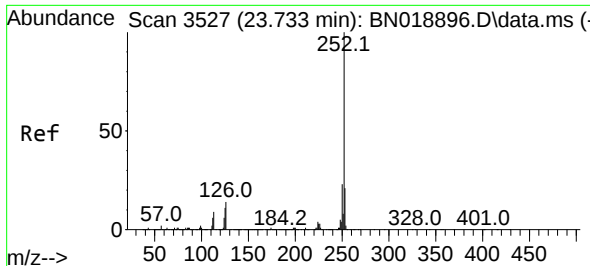


#91  
Benzo(k)fluoranthene  
Concen: 4.849 ng/ul  
RT: 23.162 min Scan# 3430  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



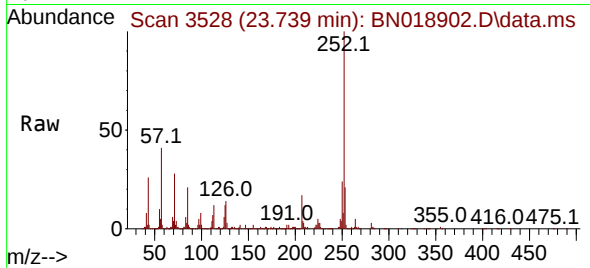
Tgt Ion:252 Resp: 374075  
Ion Ratio Lower Upper  
252 100  
253 20.7 18.2 27.4  
125 9.8 8.2 12.4





#93  
Benzo(a)pyrene  
Concen: 4.858 ng/ul  
RT: 23.739 min Scan# 3527  
Delta R.T. -0.006 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

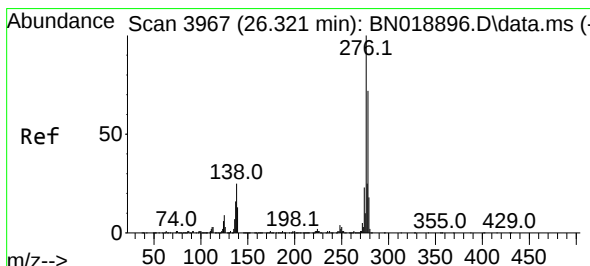
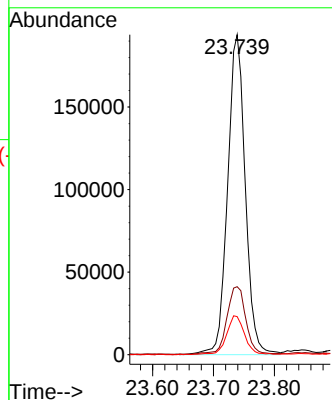
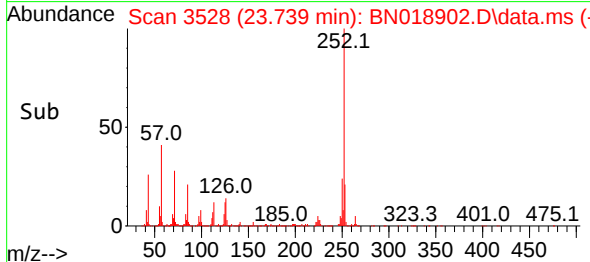
Instrument : BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



Tgt Ion:252 Resp: 390898  
Ion Ratio Lower Upper  
252 100  
253 21.3 18.7 28.1  
125 11.9 9.2 13.8

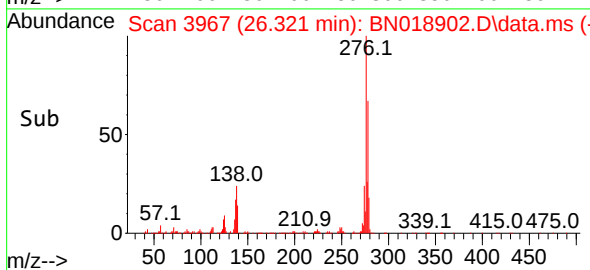
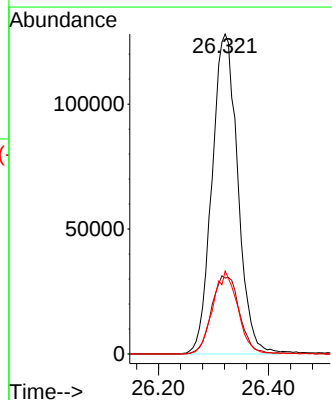
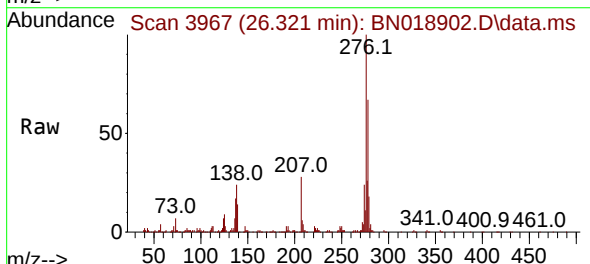
Manual Integrations  
APPROVED

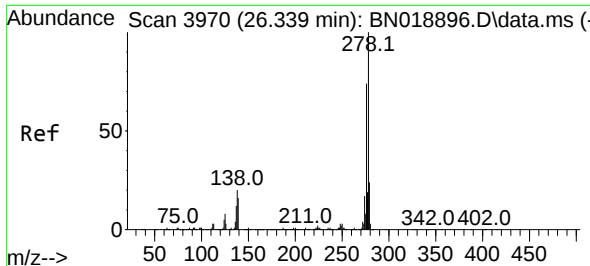
Reviewed By :Jagrut Upadhyay 03/10/2022  
Supervised By :mohammad ahmed 03/16/2022



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.678 ng/ul  
RT: 26.321 min Scan# 3967  
Delta R.T. -0.012 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

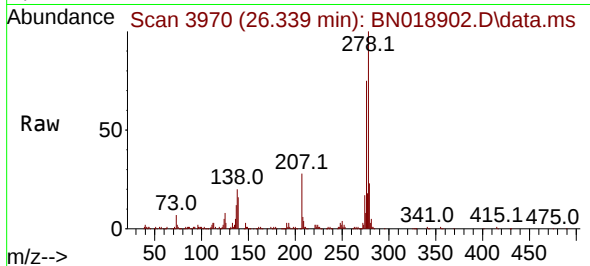
Tgt Ion:276 Resp: 417014  
Ion Ratio Lower Upper  
276 100  
138 23.7 19.5 29.3  
277 25.9 21.4 32.0





#95  
Dibenzo(a,h)anthracene  
Concen: 4.462 ng/ul  
RT: 26.339 min Scan# 3970  
Delta R.T. -0.018 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05

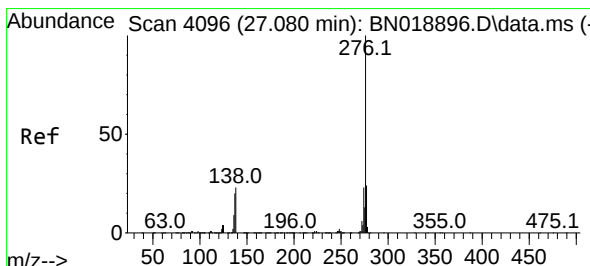
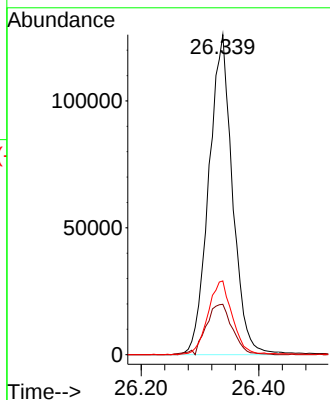
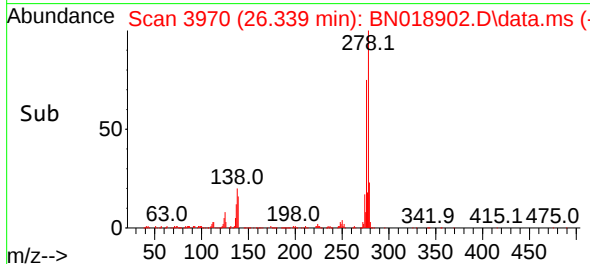
Instrument : BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2022-02



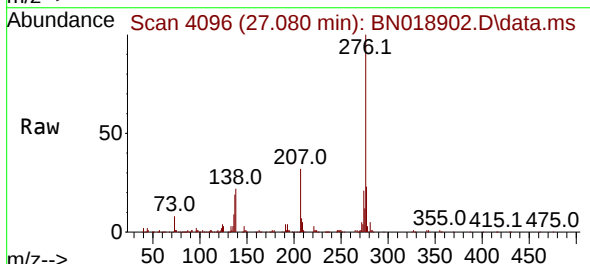
Tgt Ion: 278 Resp: 352592  
Ion Ratio Lower Upper  
278 100  
139 15.8 13.8 20.8  
279 23.0 18.3 27.5

Manual Integrations  
APPROVED

Reviewed By : Jagrut Upadhyay 03/10/2022  
Supervised By : mohammad ahmed 03/16/2022



#96  
Benzo(g,h,i)perylene  
Concen: 4.428 ng/ul  
RT: 27.080 min Scan# 4096  
Delta R.T. -0.018 min  
Lab File: BN018902.D  
Acq: 10 Mar 2022 14:05



Tgt Ion: 276 Resp: 351192  
Ion Ratio Lower Upper  
276 100  
138 21.7 17.0 25.6  
277 22.8 17.8 26.6

