

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061224\  
 Data File : BN031916.D  
 Acq On : 11 Jun 2024 19:00  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_N

## ClientSampleId :

SSTD020284

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 22:41:11 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 11 22:28:10 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.657  | 152  | 303670   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.440 | 136  | 1416964  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.304 | 164  | 953096   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.057 | 188  | 1995932  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 1854041  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.221 | 264  | 2050841  | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 60357    | 8.223  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.581  | 84   | 456926   | 22.114 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.834  | 99   | 573472   | 22.029 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.005  | 67   | 334262   | 21.951 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 445336   | 22.420 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.369  | 113  | 489308   | 23.058 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.816  | 128  | 239358   | 22.093 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.534  | 143  | 252793   | 22.588 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.069 | 165  | 473890   | 22.681 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.587 | 131  | 724990   | 23.371 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 1472500  | 22.177 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.998 | 160  | 1701947  | 22.292 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 294739   | 22.170 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.298 | 176  | 1248622  | 22.225 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.433 | 200  | 233236   | 23.248 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 1907576  | 22.324 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 2154344  | 21.714 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.021 | 264  | 2118990  | 21.638 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.211  | 88   | 64375    | 8.197  | ng/uL  | 98       |
| 5) Pyridine                   | 3.599  | 79   | 401121   | 19.415 | ng/u1  | 94       |
| 6) Benzaldehyde               | 6.810  | 77   | 258166   | 21.143 | ng/u1  | 99       |
| 8) Phenol                     | 6.863  | 94   | 585514   | 22.100 | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.093  | 93   | 494474   | 22.571 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.228  | 128  | 466251   | 22.430 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.104  | 108  | 458363   | 22.400 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.187  | 45   | 586474   | 23.256 | ng/u1  | 99       |
| 16) Acetophenone              | 8.481  | 105  | 754334   | 23.455 | ng/u1  | 94       |
| 17) N-Nitroso-di-n-propyla... | 8.469  | 70   | 381059   | 22.866 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.428  | 108  | 506231   | 22.822 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.728  | 117  | 192423   | 21.860 | ng/u1  | 92       |
| 22) Nitrobenzene              | 8.857  | 77   | 564619   | 21.874 | ng/u1  | 99       |
| 23) Isophorone                | 9.381  | 82   | 1125053  | 21.247 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.563  | 139  | 278891   | 22.809 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.628  | 107  | 532539   | 22.389 | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 9.863  | 93   | 706507   | 21.409 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.093 | 162  | 463657   | 22.475 | ng/u1  | 98       |
| 30) Naphthalene               | 10.493 | 128  | 1605428  | 21.892 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.610 | 127  | 643219   | 21.357 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.769 | 225  | 275428   | 22.229 | ng/u1  | 97       |
| 34) Caprolactam               | 11.393 | 113  | 172550m  | 21.428 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.740 | 107  | 547709   | 22.714 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.110 | 142  | 1128883  | 22.521 | ng/u1  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061224\  
 Data File : BN031916.D  
 Acq On : 11 Jun 2024 19:00  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD020284

Manual Integrations  
 APPROVED

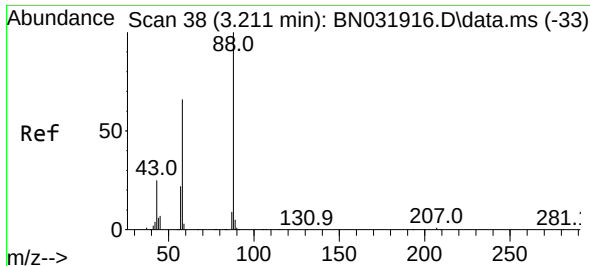
Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 22:41:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 11 22:28:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.334 | 142  | 1133597  | 22.539 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.481 | 216  | 568930   | 22.571 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.451 | 237  | 285674   | 19.664 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.728 | 196  | 382864   | 22.378 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.798 | 196  | 413321   | 22.232 | ng/ul | 96       |
| 43) 1,1'-Biphenyl             | 13.134 | 154  | 1476871  | 22.030 | ng/ul | 97       |
| 44) 2-Chloronaphthalene       | 13.175 | 162  | 1155475  | 22.006 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.387 | 65   | 340594   | 22.377 | ng/ul | 99       |
| 47) Dimethylphthalate         | 13.769 | 163  | 1511760  | 22.263 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 13.892 | 165  | 311076   | 23.046 | ng/ul | 99       |
| 50) Acenaphthylene            | 14.028 | 152  | 1951192  | 22.614 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.222 | 138  | 342117   | 23.706 | ng/ul | 98       |
| 52) Acenaphthene              | 14.369 | 153  | 1268779  | 22.224 | ng/ul | 98       |
| 53) 2,4-Dinitrophenol         | 14.434 | 184  | 151685   | 22.260 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.534 | 109  | 222882   | 22.600 | ng/ul | 99       |
| 56) Dibenzofuran              | 14.704 | 168  | 1731168  | 22.319 | ng/ul | 98       |
| 57) 2,4-Dinitrotoluene        | 14.681 | 165  | 447829   | 22.611 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.934 | 232  | 357864   | 23.012 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.139 | 149  | 1531866  | 21.862 | ng/ul | 98       |
| 61) Fluorene                  | 15.357 | 166  | 1428775  | 22.874 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.351 | 204  | 693106   | 22.910 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.386 | 138  | 368754   | 26.841 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.445 | 198  | 255225   | 23.931 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.575 | 169  | 1223082  | 22.231 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.251 | 248  | 443359   | 22.926 | ng/ul | 94       |
| 69) Hexachlorobenzene         | 16.357 | 284  | 497075   | 22.679 | ng/ul | 95       |
| 70) Atrazine                  | 16.528 | 200  | 354395   | 20.402 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.704 | 266  | 307088   | 21.898 | ng/ul | 95       |
| 72) Phenanthrene              | 17.098 | 178  | 2273760  | 22.363 | ng/ul | 99       |
| 74) Anthracene                | 17.186 | 178  | 2352989  | 22.839 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.092 | 216  | 568046   | 22.111 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 14.622 | 250  | 578016   | 23.100 | ng/ul | 99       |
| 77) Carbazole                 | 17.463 | 167  | 2159098  | 24.578 | ng/ul | 98       |
| 78) Di-n-butylphthalate       | 18.027 | 149  | 2672109  | 22.109 | ng/ul | 100      |
| 80) Fluoranthene              | 19.116 | 202  | 2652743  | 22.373 | ng/ul | 99       |
| 82) Pyrene                    | 19.486 | 202  | 2760779  | 22.694 | ng/ul | 96       |
| 83) Butylbenzylphthalate      | 20.392 | 149  | 1242136  | 21.618 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.204 | 252  | 692237   | 19.470 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.274 | 228  | 2729763  | 21.997 | ng/ul | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.204 | 149  | 1849810  | 22.085 | ng/ul | 98       |
| 87) Chrysene                  | 21.333 | 228  | 2600749  | 22.436 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.310 | 149  | 3143403  | 22.894 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.292 | 252  | 2668853  | 21.772 | ng/ul | 98       |
| 91) Benzo(k)fluoranthene      | 23.351 | 252  | 2777003  | 23.086 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 24.080 | 252  | 2505493  | 21.823 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.515 | 276  | 2604689m | 19.688 | ng/ul |          |
| 95) Dibenzo(a,h)anthracene    | 27.580 | 278  | 2187697  | 20.254 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 28.545 | 276  | 1991726m | 18.938 | ng/ul |          |

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





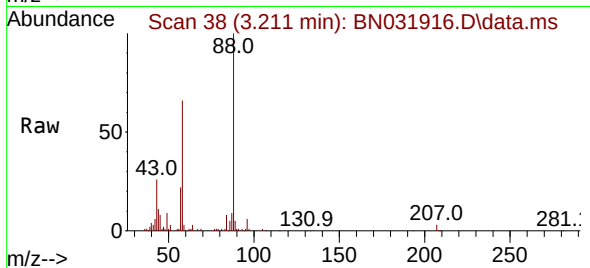
#2  
1,4-Dioxane  
Concen: 8.197 ng/uL  
RT: 3.211 min Scan# 38  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

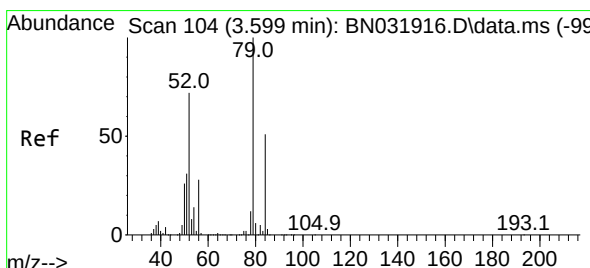
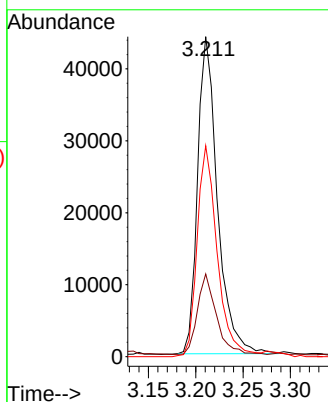
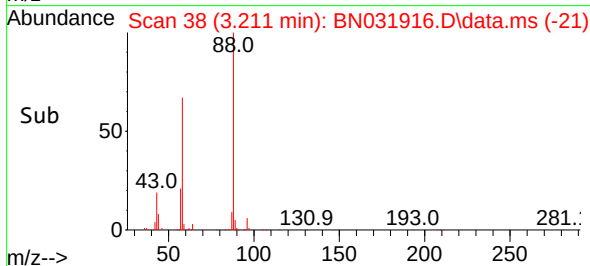


Tgt Ion: 88 Resp: 64375  
Ion Ratio Lower Upper  
88 100  
43 25.9 18.5 27.7  
58 65.9 52.6 78.8

Manual Integrations

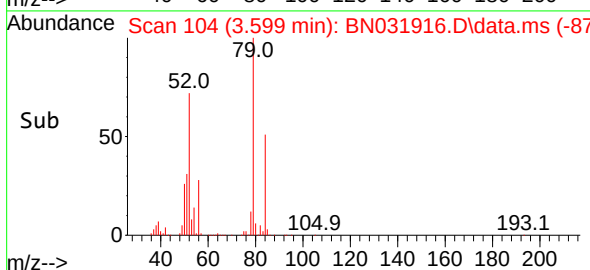
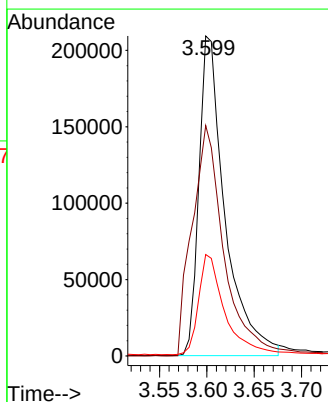
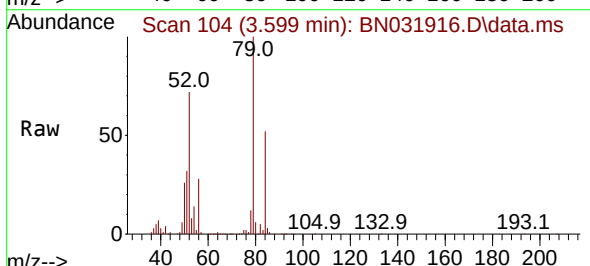
APPROVED

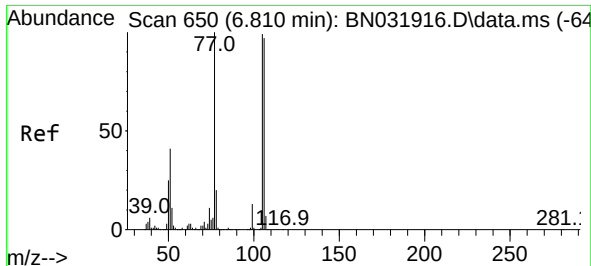
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#5  
Pyridine  
Concen: 19.415 ng/uL  
RT: 3.599 min Scan# 104  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion: 79 Resp: 401121  
Ion Ratio Lower Upper  
79 100  
52 72.0 53.0 79.6  
51 31.7 23.3 34.9





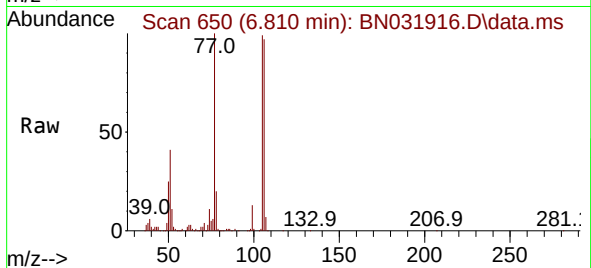
#6  
Benzaldehyde  
Concen: 21.143 ng/ul  
RT: 6.810 min Scan# 650  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

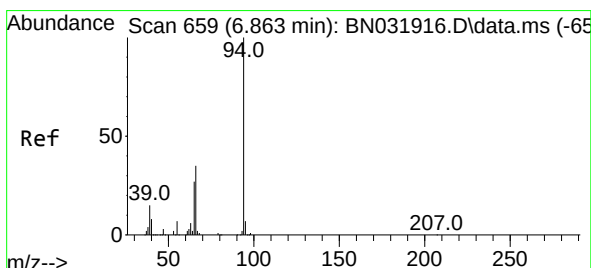
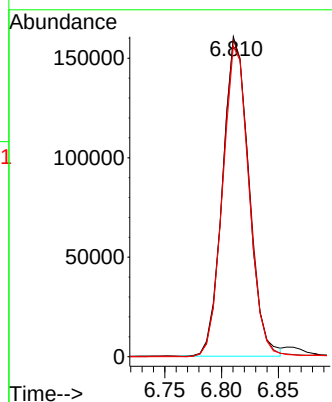
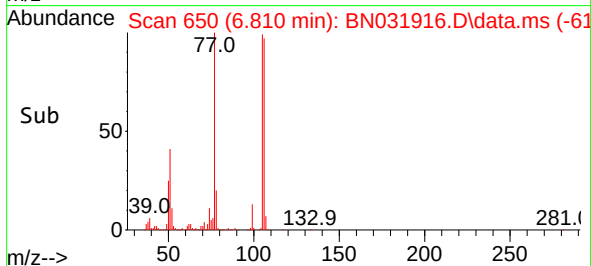


Tgt Ion: 77 Resp: 258160  
Ion Ratio Lower Upper  
77 100  
105 99.0 80.2 120.4  
106 97.1 76.8 115.2

Manual Integrations

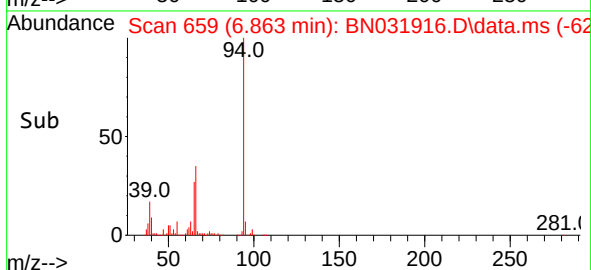
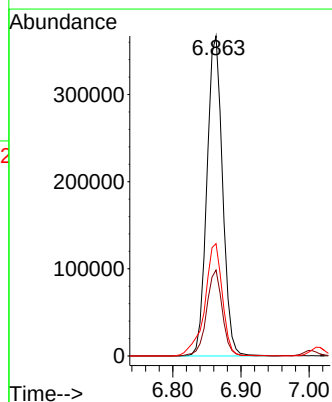
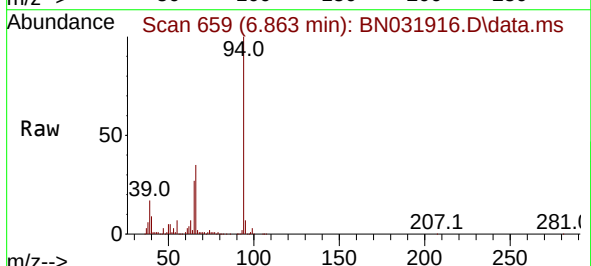
APPROVED

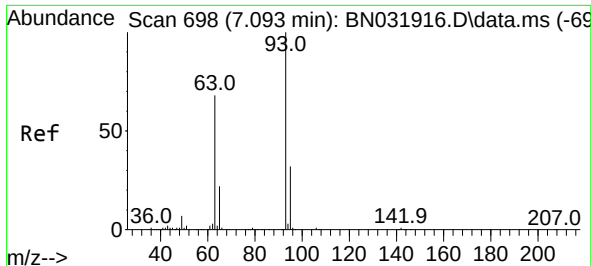
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#8  
Phenol  
Concen: 22.100 ng/ul  
RT: 6.863 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion: 94 Resp: 585514  
Ion Ratio Lower Upper  
94 100  
65 26.8 20.3 30.5  
66 35.1 25.8 38.8





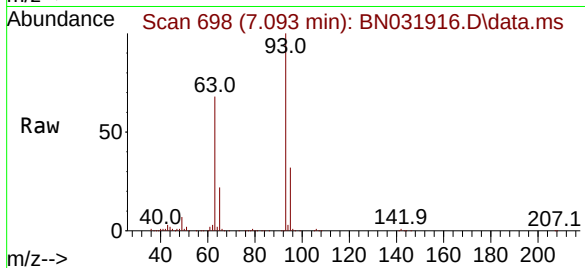
#10  
Bis(2-Chloroethyl)ether  
Concen: 22.571 ng/ul  
RT: 7.093 min Scan# 698  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

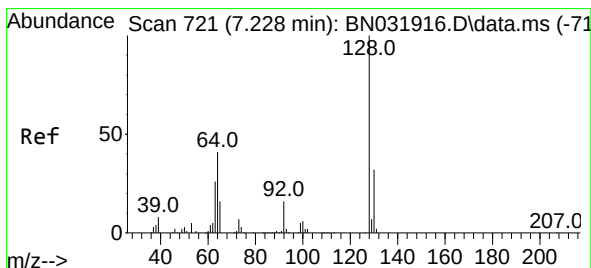
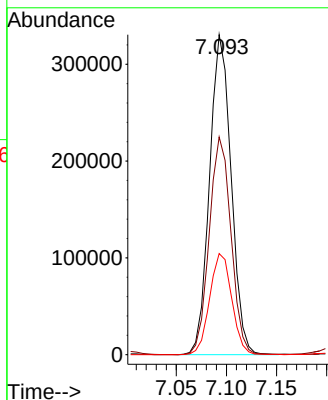
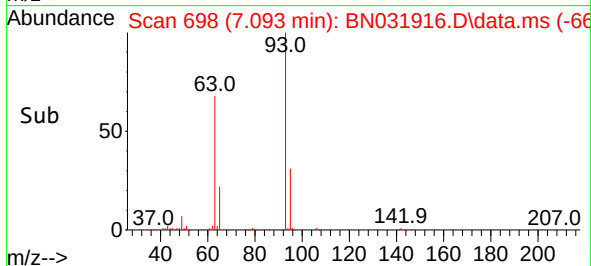


Tgt Ion: 93 Resp: 494474  
Ion Ratio Lower Upper  
93 100  
63 68.1 56.8 85.2  
95 31.6 26.0 39.0

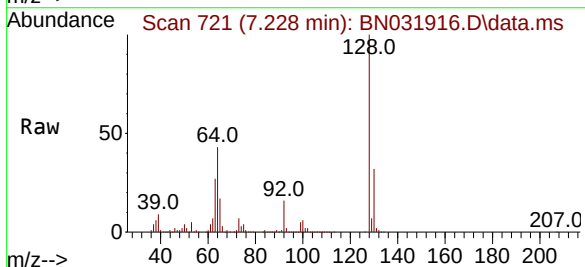
Manual Integrations

APPROVED

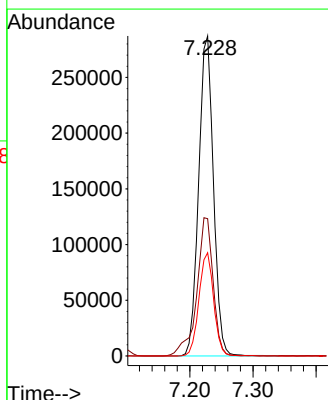
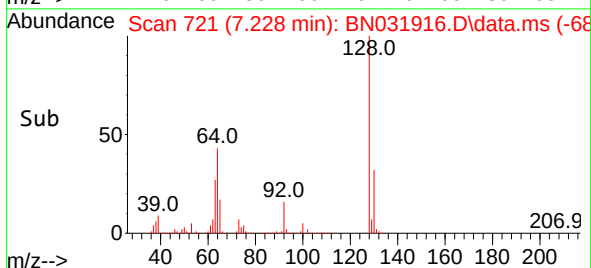
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

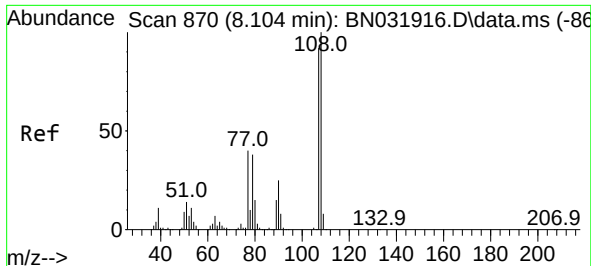


#12  
2-Chlorophenol  
Concen: 22.430 ng/ul  
RT: 7.228 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



Tgt Ion:128 Resp: 466251  
Ion Ratio Lower Upper  
128 100  
64 42.9 33.9 50.9  
130 32.3 26.3 39.5





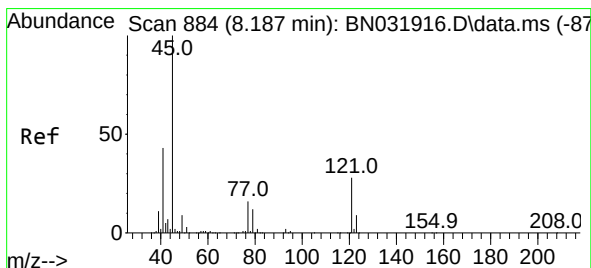
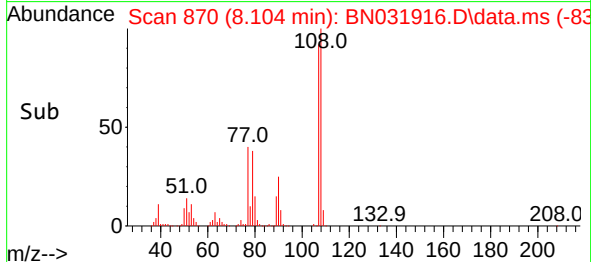
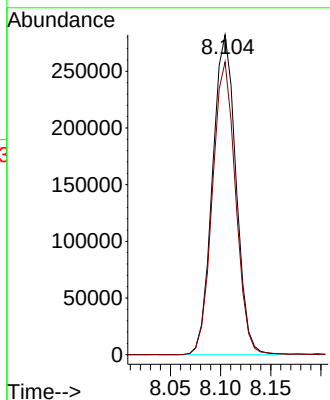
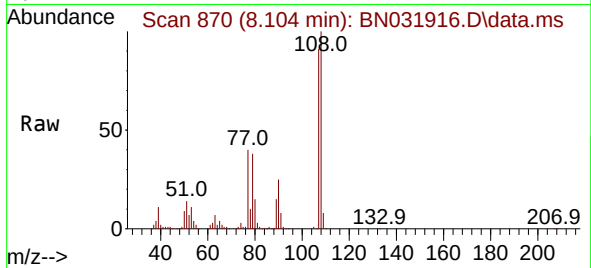
#13  
2-Methylphenol  
Concen: 22.400 ng/ul  
RT: 8.104 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284

Tgt Ion:108 Resp: 45836  
Ion Ratio Lower Upper  
108 100  
107 91.5 71.6 107.4

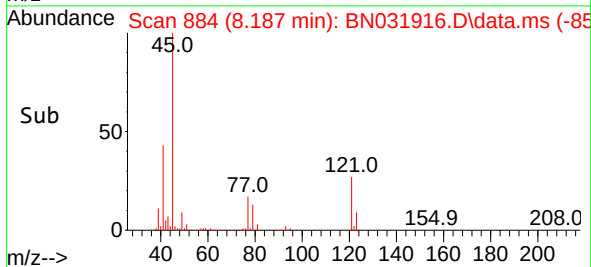
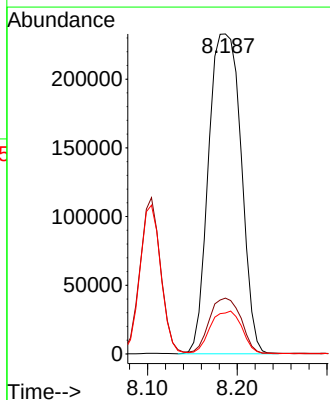
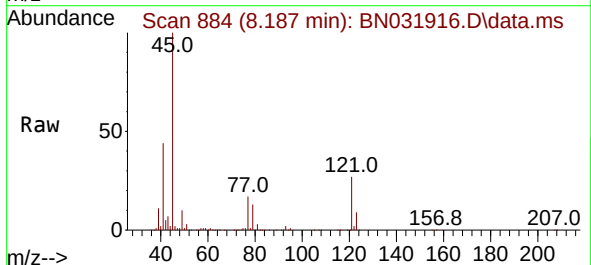
Manual Integrations  
APPROVED

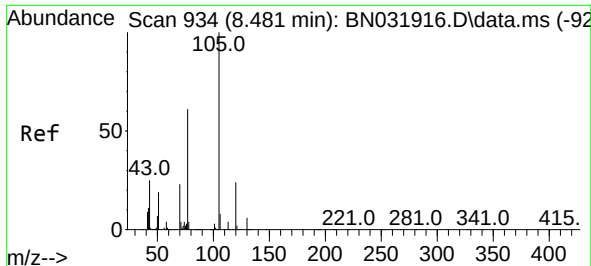
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 23.256 ng/ul  
RT: 8.187 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion: 45 Resp: 586474  
Ion Ratio Lower Upper  
45 100  
77 17.5 13.6 20.4  
79 12.8 10.6 15.8





#16  
Acetophenone  
Concen: 23.455 ng/ul  
RT: 8.481 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

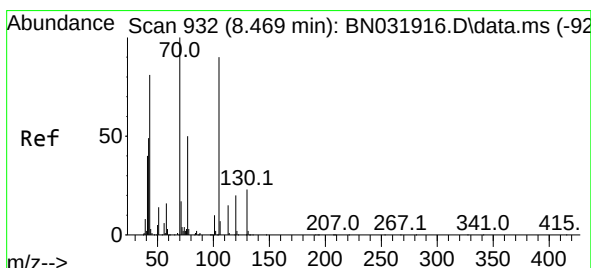
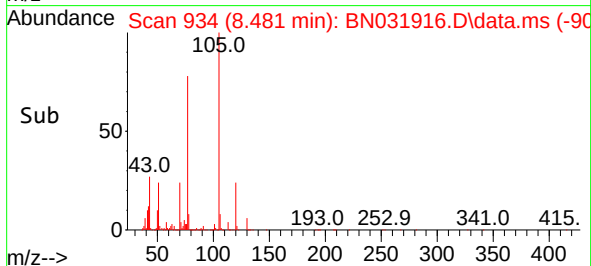
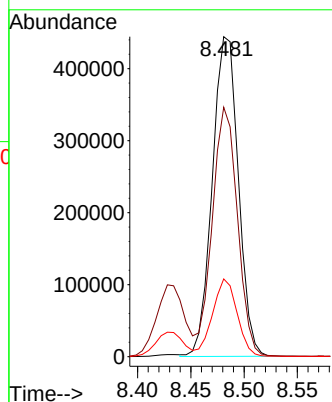
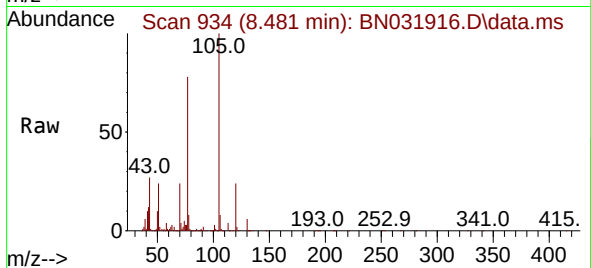
SSTD020284

Tgt Ion:105 Resp: 754334  
Ion Ratio Lower Upper  
105 100  
77 78.0 58.6 87.8  
51 24.3 17.2 25.8

Manual Integrations

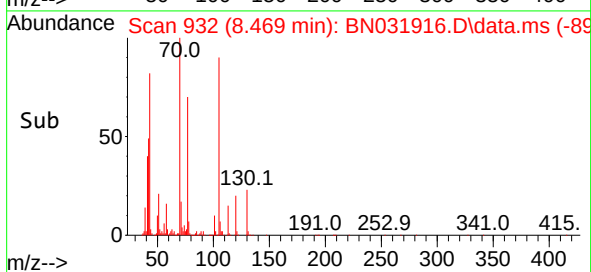
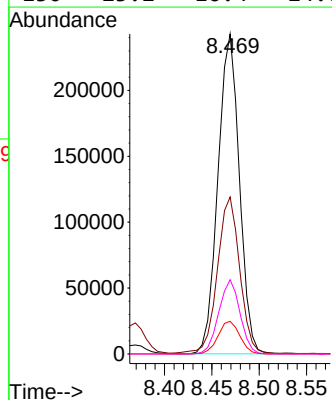
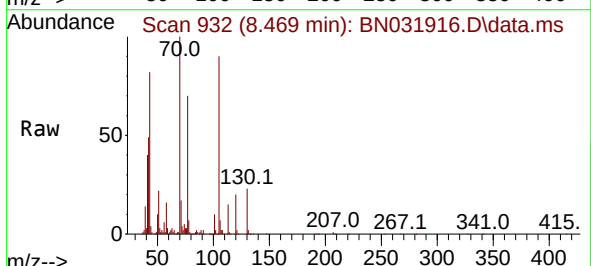
APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

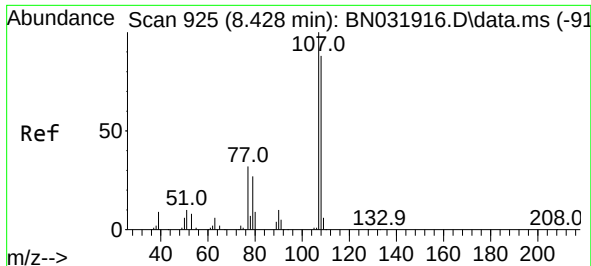


#17  
N-Nitroso-di-n-propylamine  
Concen: 22.866 ng/ul  
RT: 8.469 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion: 70 Resp: 381059  
Ion Ratio Lower Upper  
70 100  
42 49.0 37.3 55.9  
101 10.2 7.8 11.6  
130 23.2 16.4 24.6

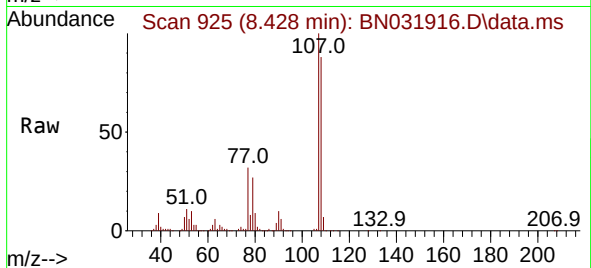






#18  
4-Methylphenol  
Concen: 22.822 ng/ul  
RT: 8.428 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

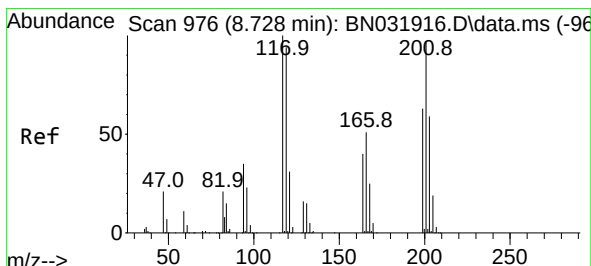
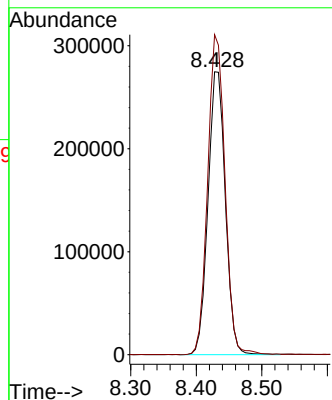
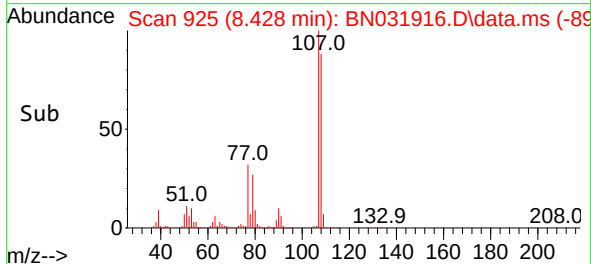
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



Tgt Ion:108 Resp: 50623  
Ion Ratio Lower Upper  
108 100  
107 113.1 89.6 134.4

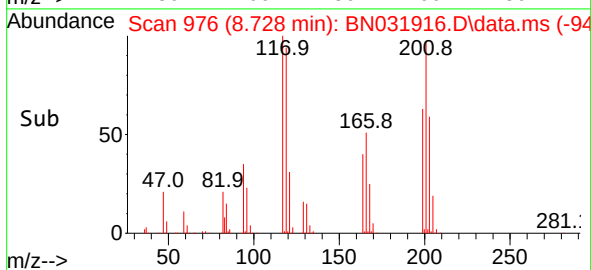
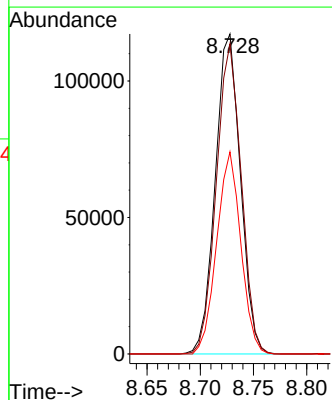
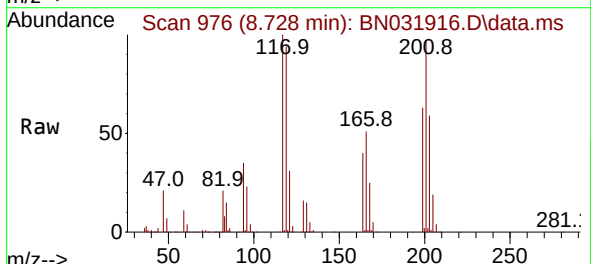
Manual Integrations  
APPROVED

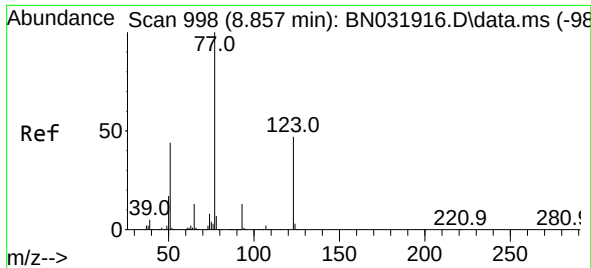
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#19  
Hexachloroethane  
Concen: 21.860 ng/ul  
RT: 8.728 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

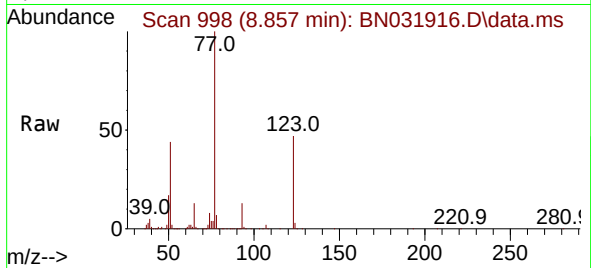
Tgt Ion:117 Resp: 192423  
Ion Ratio Lower Upper  
117 100  
201 96.9 71.6 107.4  
199 63.2 45.6 68.4





#22  
Nitrobenzene  
Concen: 21.874 ng/ul  
RT: 8.857 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

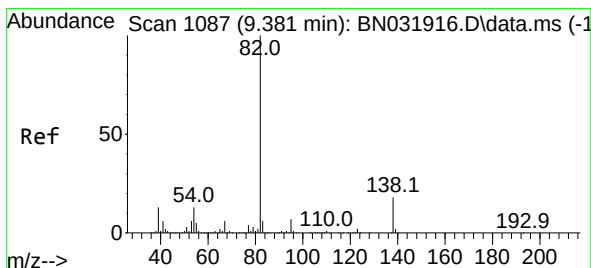
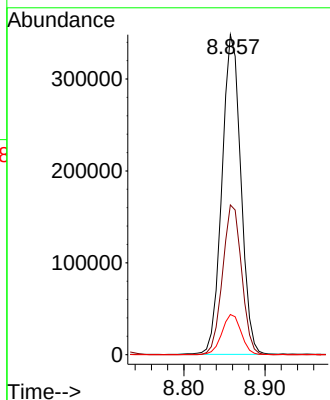
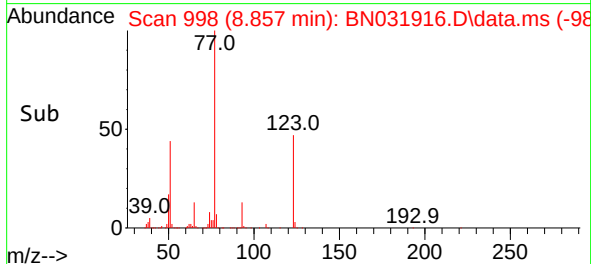
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



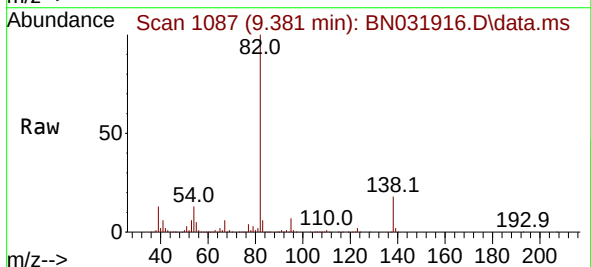
Tgt Ion: 77 Resp: 564619  
Ion Ratio Lower Upper  
77 100  
123 46.8 36.6 55.0  
65 12.6 10.2 15.4

Manual Integrations  
APPROVED

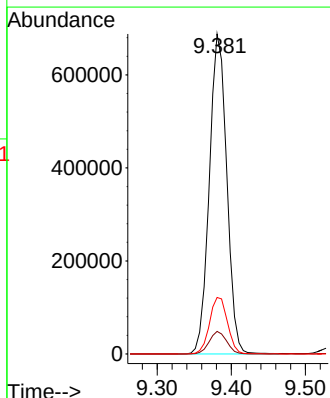
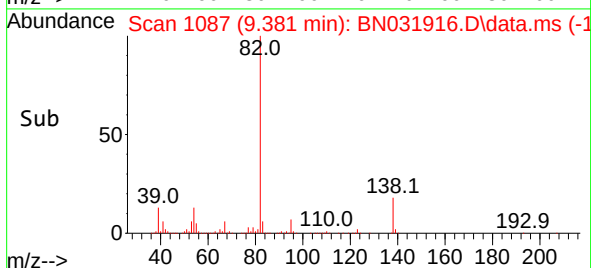
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

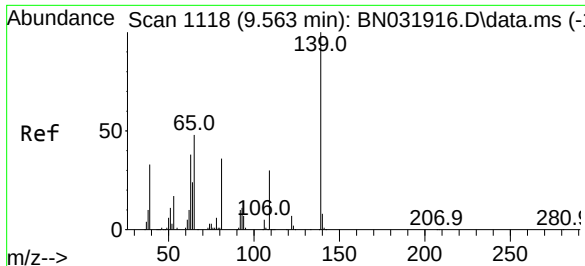


#23  
Isophorone  
Concen: 21.247 ng/ul  
RT: 9.381 min Scan# 1087  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



Tgt Ion: 82 Resp: 1125053  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 17.7 14.1 21.1





#25

2-Nitrophenol

Concen: 22.809 ng/ul

RT: 9.563 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

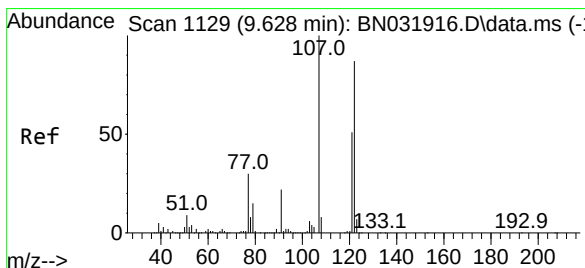
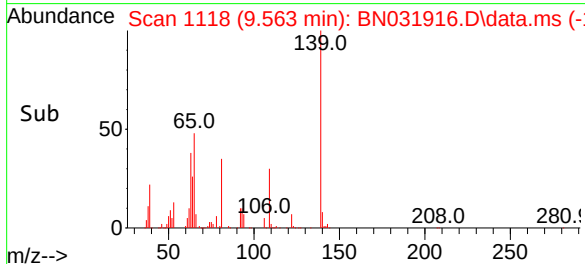
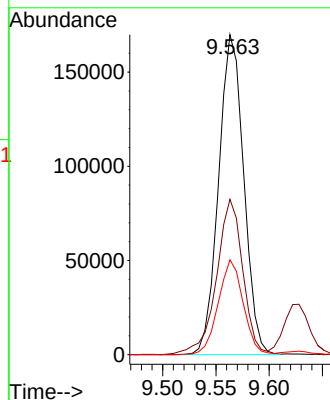
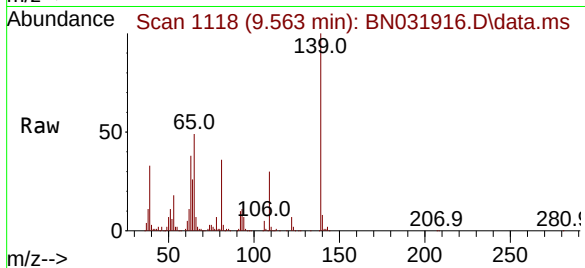
Tgt Ion:139 Resp: 27889

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 65  | 48.5  | 38.3  | 57.5  |
| 109 | 29.7  | 22.1  | 33.1  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#26

2,4-Dimethylphenol

Concen: 22.389 ng/ul

RT: 9.628 min Scan# 1129

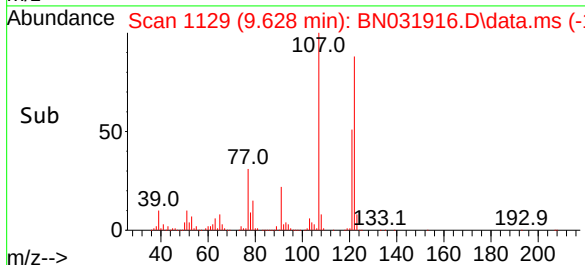
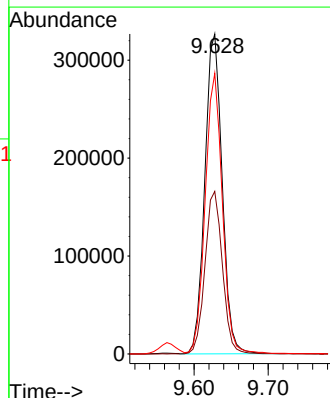
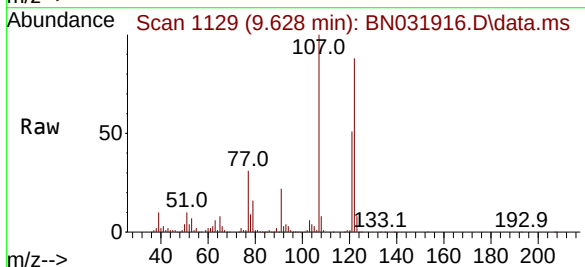
Delta R.T. 0.000 min

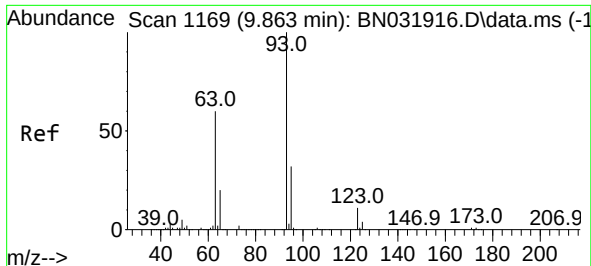
Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

Tgt Ion:107 Resp: 532539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 121 | 50.8  | 40.8  | 61.2  |
| 122 | 87.7  | 70.4  | 105.6 |





#27

Bis(2-Chloroethoxy)methane

Concen: 21.409 ng/ul

RT: 9.863 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

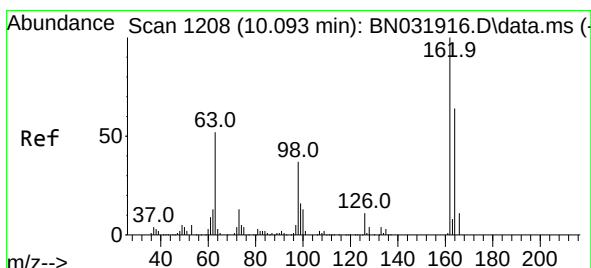
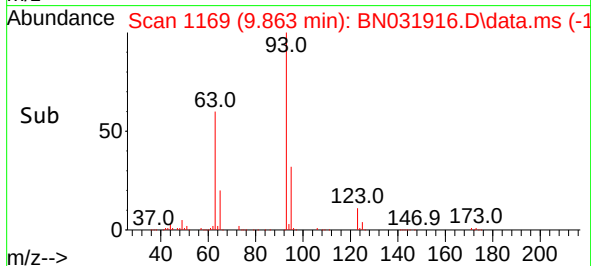
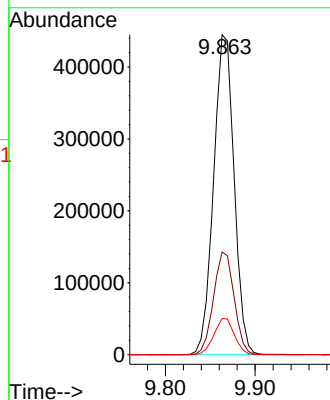
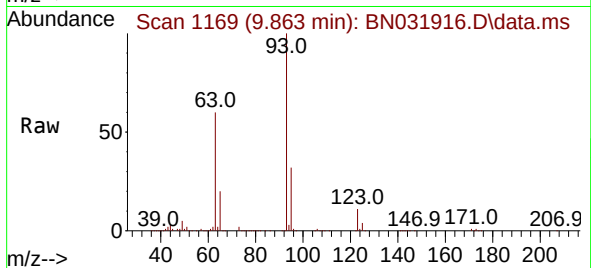
SSTD020284

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 70650 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 32.1  | 26.1  | 39.1  |
| 123       | 11.3  | 9.0   | 13.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#29

2,4-Dichlorophenol

Concen: 22.475 ng/ul

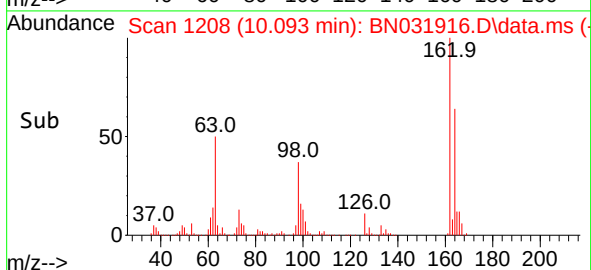
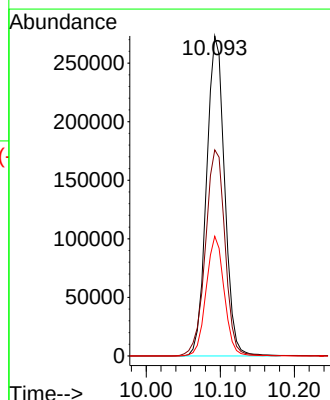
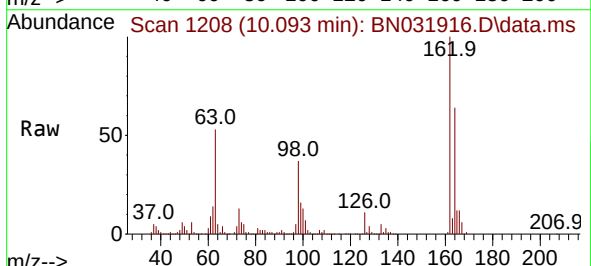
RT: 10.093 min Scan# 1208

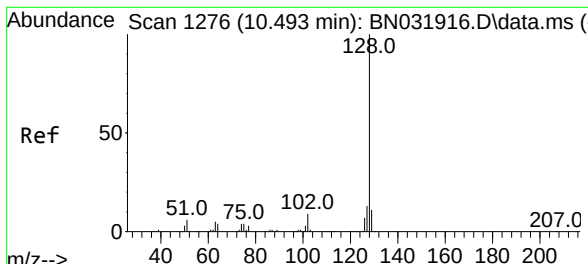
Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 463657 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.4  | 52.7  | 79.1   |
| 98        | 37.4  | 30.5  | 45.7   |





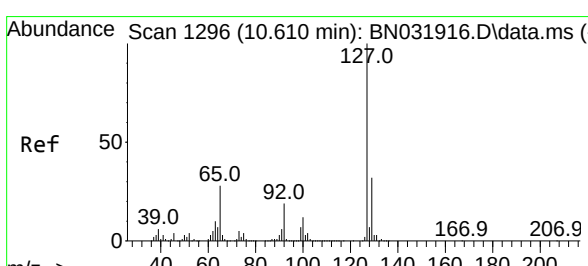
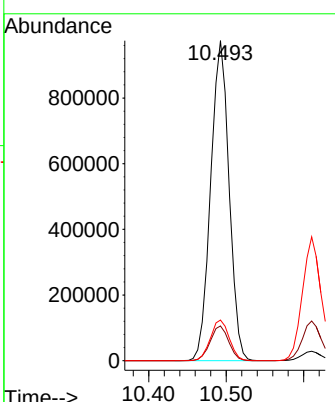
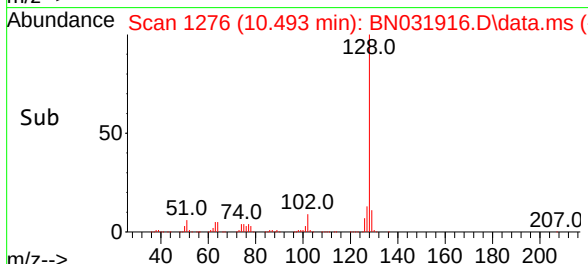
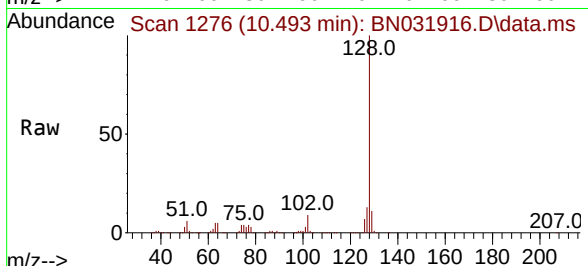
#30  
Naphthalene  
Concen: 21.892 ng/ul  
RT: 10.493 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument : BNA\_N  
ClientSampleId : SSTD020284

Tgt Ion:128 Resp: 1605428

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.8  | 8.5   | 12.7  |
| 127 | 12.7  | 10.3  | 15.5  |

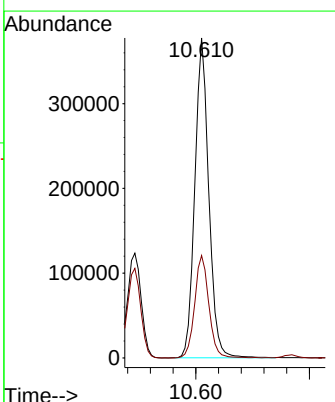
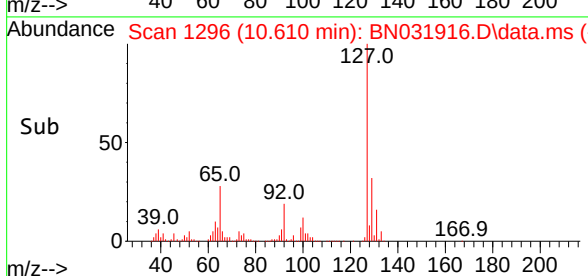
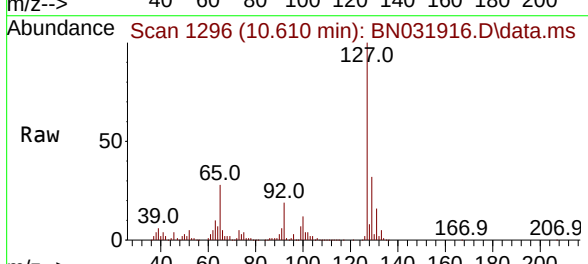
Manual Integrations  
**APPROVED**  
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

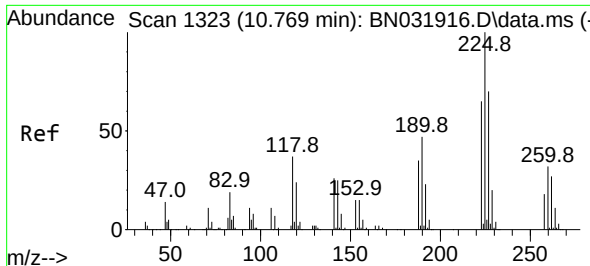


#32  
4-Chloroaniline  
Concen: 21.357 ng/ul  
RT: 10.610 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:127 Resp: 643219

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.0  | 25.0  | 37.4  |





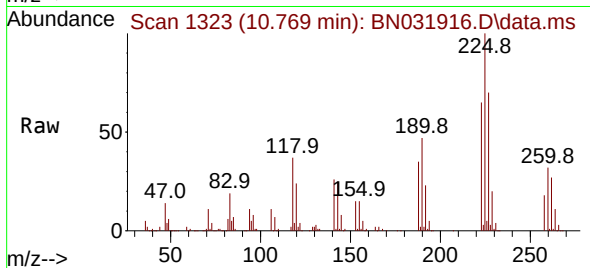
#33  
Hexachlorobutadiene  
Concen: 22.229 ng/ul  
RT: 10.769 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

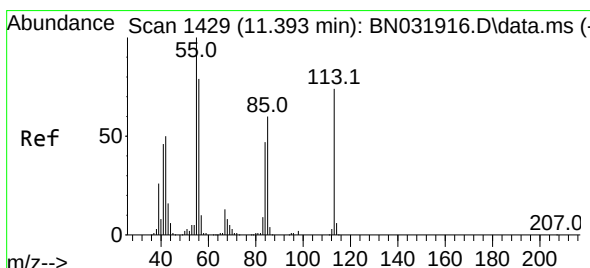
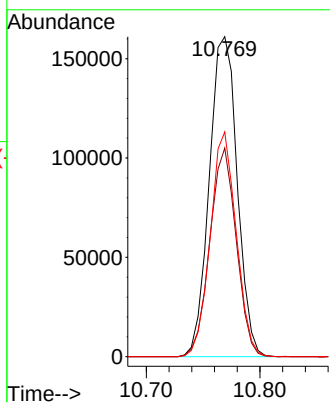
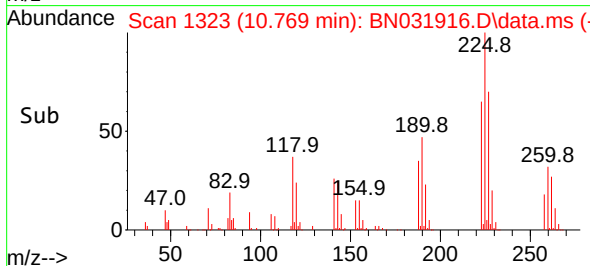


Tgt Ion:225 Resp: 275428  
Ion Ratio Lower Upper  
225 100  
223 65.2 52.3 78.5  
227 70.2 52.5 78.7

Manual Integrations

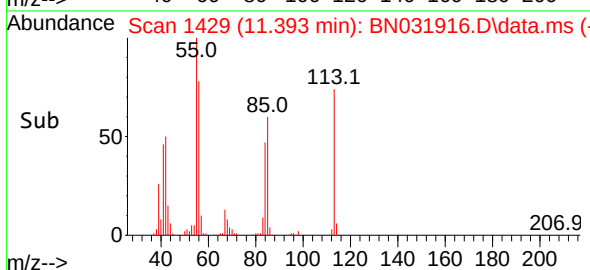
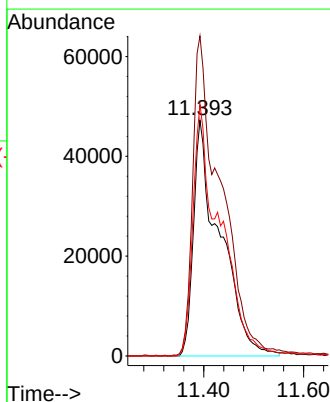
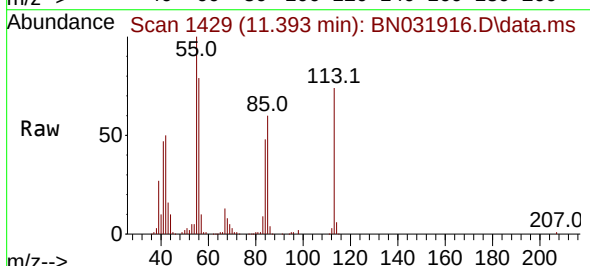
APPROVED

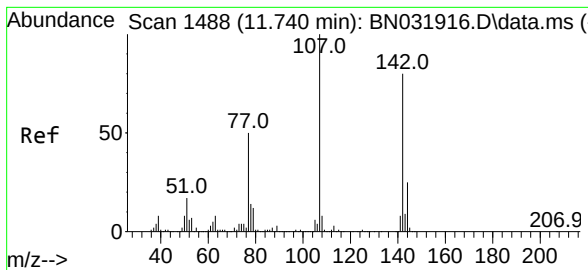
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#34  
Caprolactam  
Concen: 21.428 ng/ul m  
RT: 11.393 min Scan# 1429  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:113 Resp: 172550  
Ion Ratio Lower Upper  
113 100  
55 135.7 117.2 175.8  
56 106.7 89.4 134.0





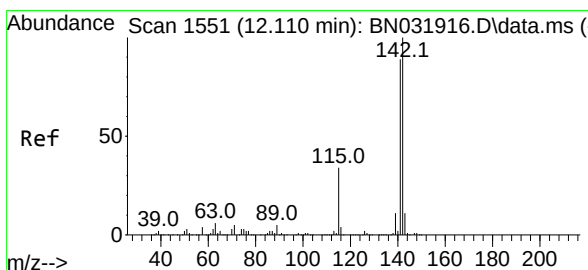
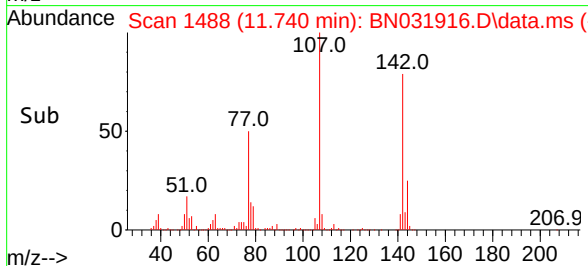
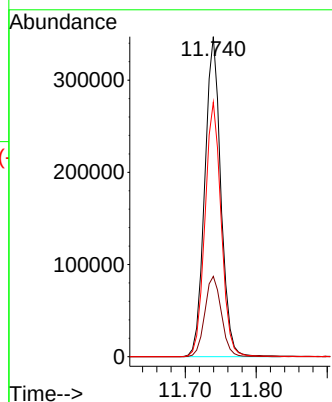
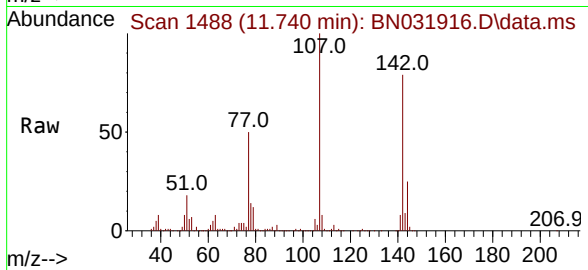
#35  
4-Chloro-3-methylphenol  
Concen: 22.714 ng/ul  
RT: 11.740 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284

Tgt Ion:107 Resp: 547709  
Ion Ratio Lower Upper  
107 100  
144 25.1 20.5 30.7  
142 79.5 64.0 96.0

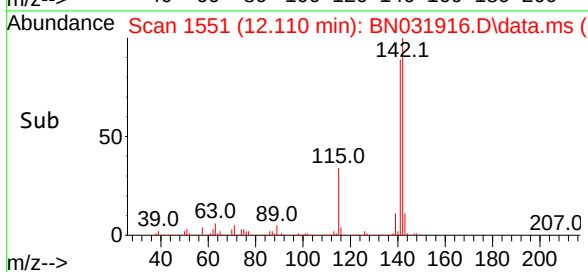
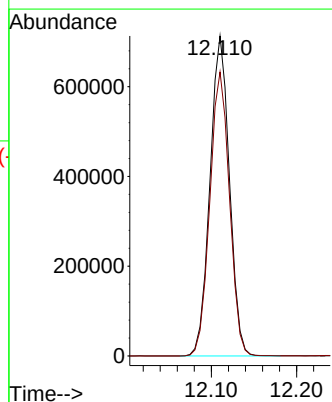
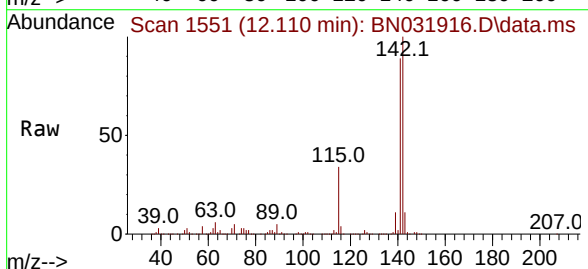
Manual Integrations  
APPROVED

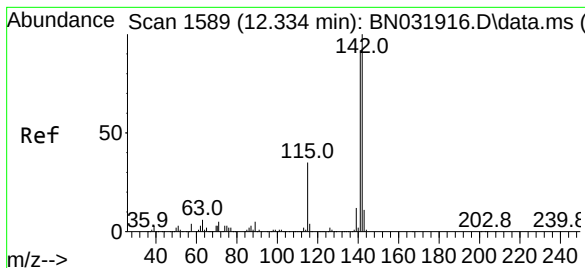
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#36  
2-Methylnaphthalene  
Concen: 22.521 ng/ul  
RT: 12.110 min Scan# 1551  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:142 Resp: 1128883  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.1 105.1





#37

1-Methylnaphthalene

Concen: 22.539 ng/ul

RT: 12.334 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BN031916.D

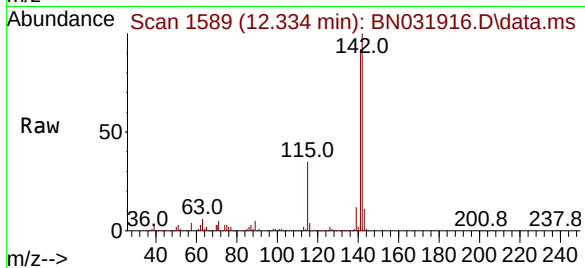
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284



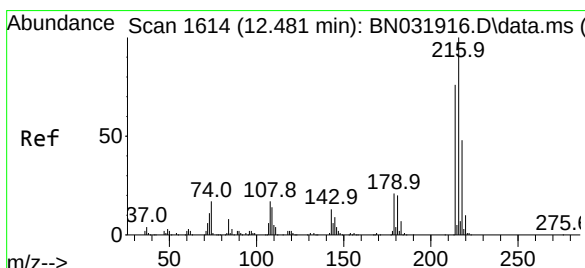
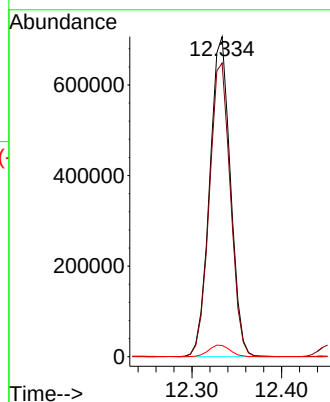
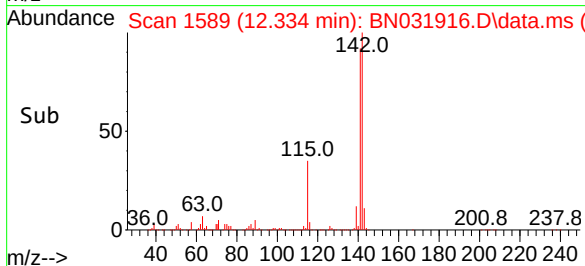
Tgt Ion:142 Resp: 113359

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.8  | 71.7  | 107.5 |
| 116 | 3.5   | 3.0   | 4.4   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#39

1,2,4,5-Tetrachlorobenzene

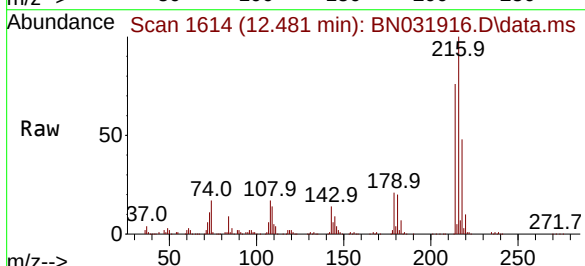
Concen: 22.571 ng/ul

RT: 12.481 min Scan# 1614

Delta R.T. 0.000 min

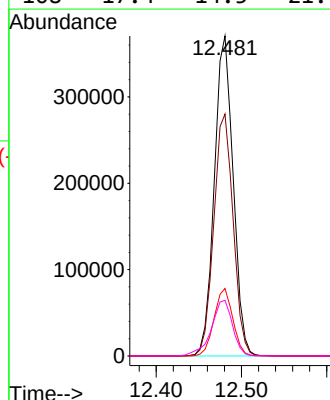
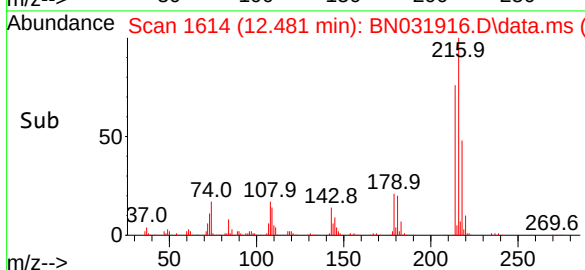
Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

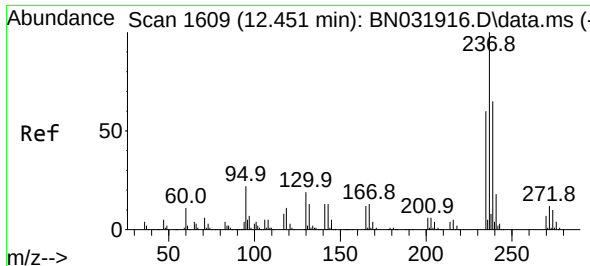


Tgt Ion:216 Resp: 568930

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 75.6  | 61.7  | 92.5  |
| 179 | 21.1  | 16.7  | 25.1  |
| 108 | 17.4  | 14.5  | 21.7  |

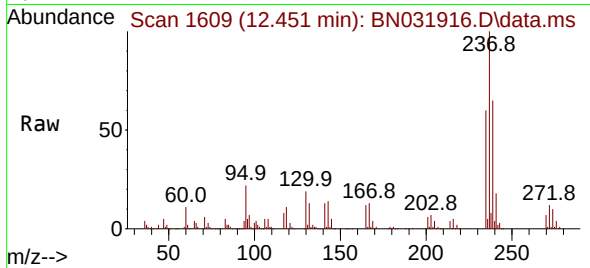






#40  
Hexachlorocyclopentadiene  
Concen: 19.664 ng/ul  
RT: 12.451 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

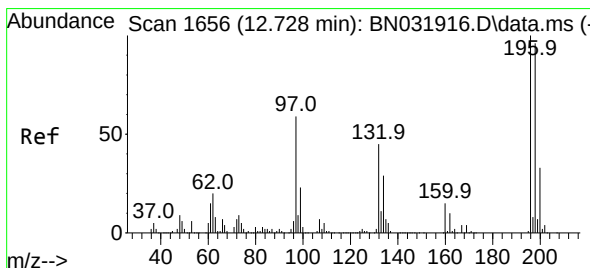
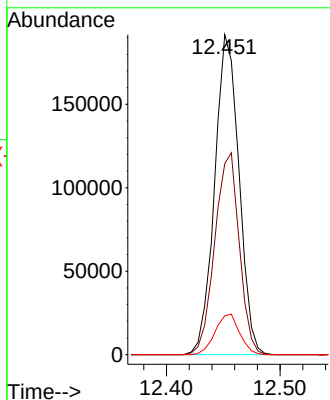
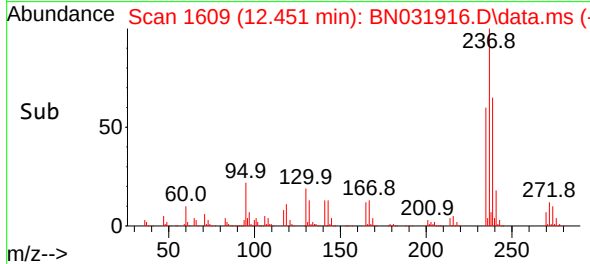
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



Tgt Ion:237 Resp: 285674  
Ion Ratio Lower Upper  
237 100  
235 59.7 47.8 71.6  
272 12.1 10.0 15.0

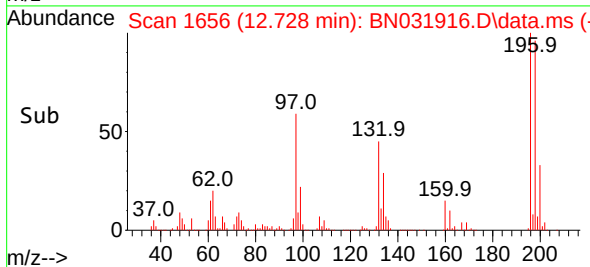
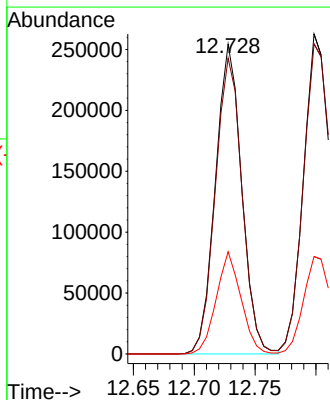
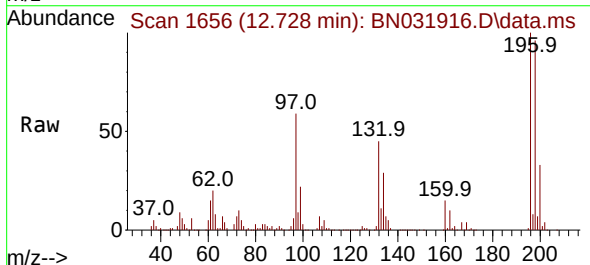
Manual Integrations  
APPROVED

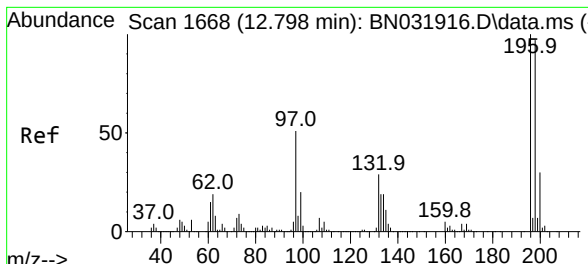
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#41  
2,4,6-Trichlorophenol  
Concen: 22.378 ng/ul  
RT: 12.728 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:196 Resp: 382864  
Ion Ratio Lower Upper  
196 100  
198 95.5 76.4 114.6  
200 33.0 24.2 36.4





#42  
 2,4,5-Trichlorophenol  
 Concen: 22.232 ng/ul  
 RT: 12.798 min Scan# 1668  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

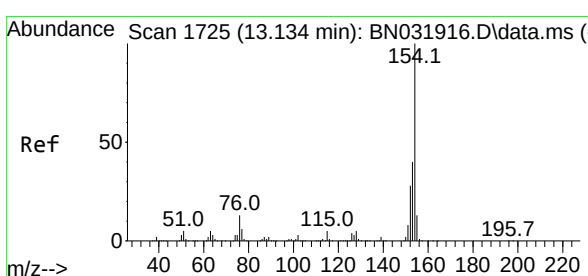
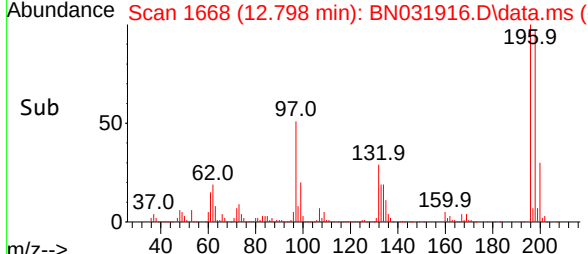
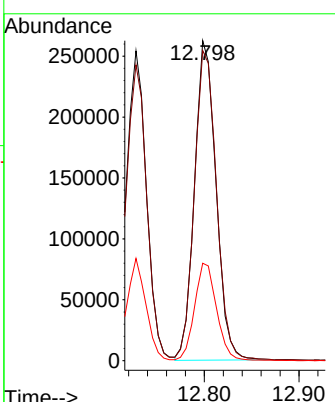
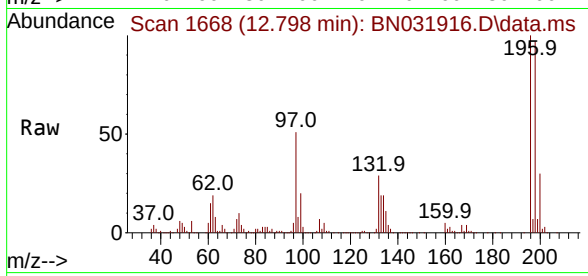
Instrument : BNA\_N  
 ClientSampleId : SSTD020284

Tgt Ion:196 Resp: 41332

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 96.9  | 73.8  | 110.6 |
| 200 | 30.5  | 25.6  | 38.4  |

Manual Integrations  
 APPROVED

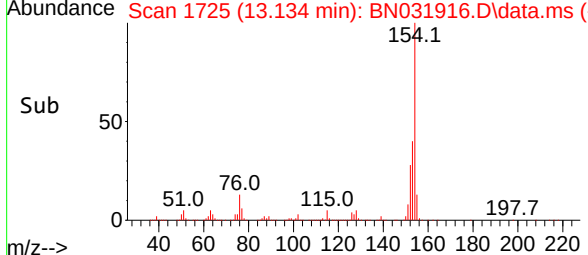
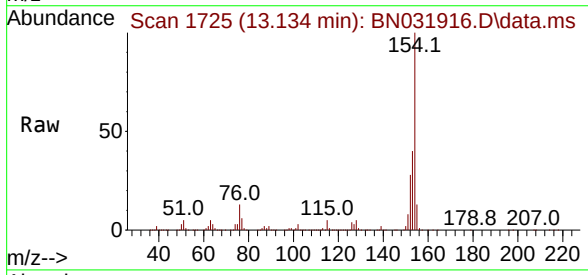
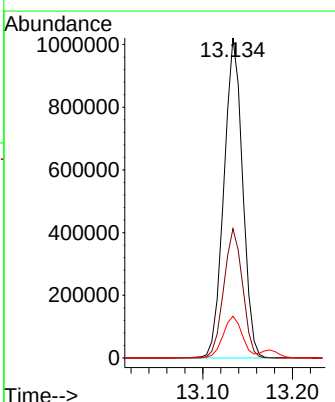
Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

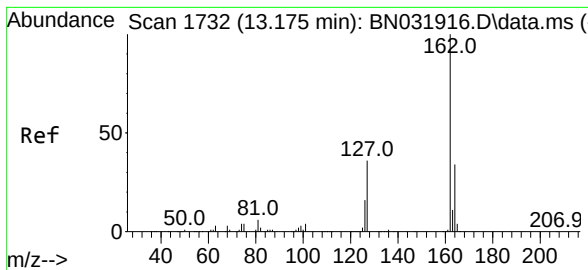


#43  
 1,1'-Biphenyl  
 Concen: 22.030 ng/ul  
 RT: 13.134 min Scan# 1725  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Tgt Ion:154 Resp: 1476871

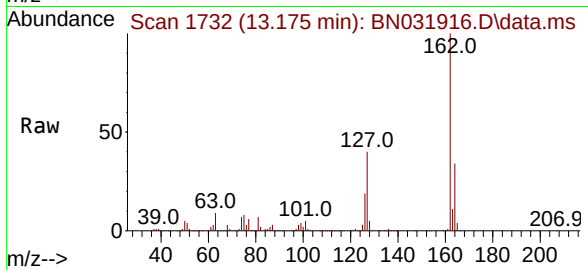
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.4  | 30.6  | 46.0  |
| 76  | 13.1  | 11.1  | 16.7  |





#44  
2-Chloronaphthalene  
Concen: 22.006 ng/ul  
RT: 13.175 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

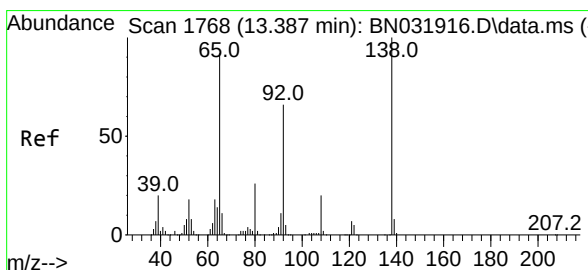
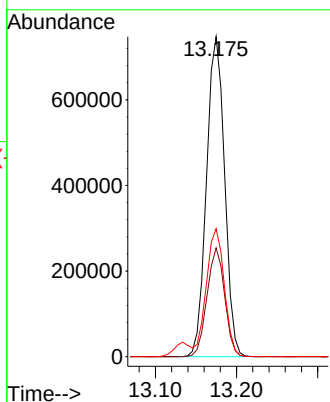
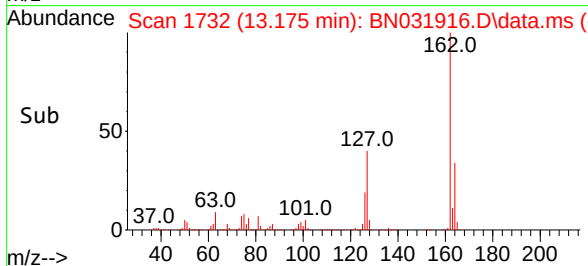
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



Tgt Ion:162 Resp: 115547  
Ion Ratio Lower Upper  
162 100  
164 34.0 27.0 40.4  
127 40.0 31.8 47.6

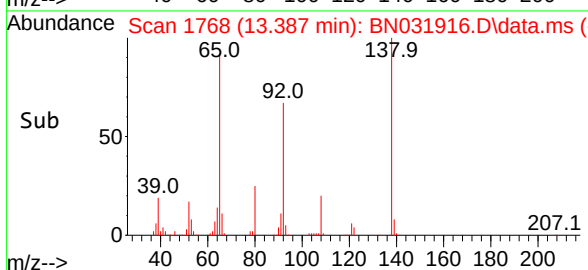
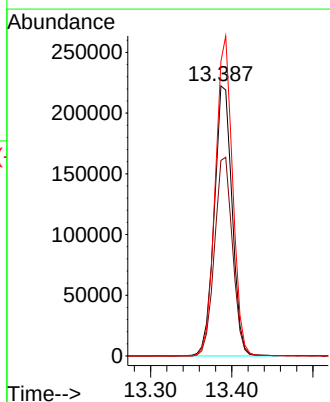
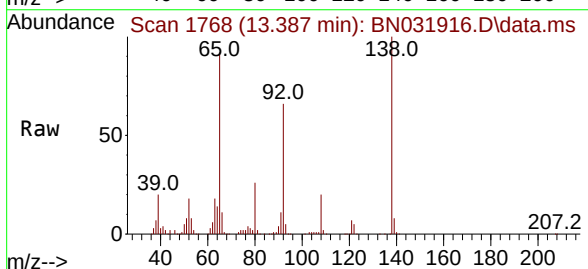
Manual Integrations  
APPROVED

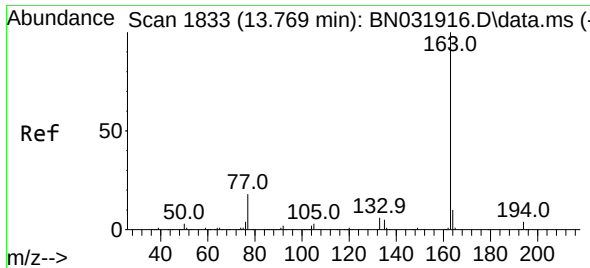
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#45  
2-Nitroaniline  
Concen: 22.377 ng/ul  
RT: 13.387 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

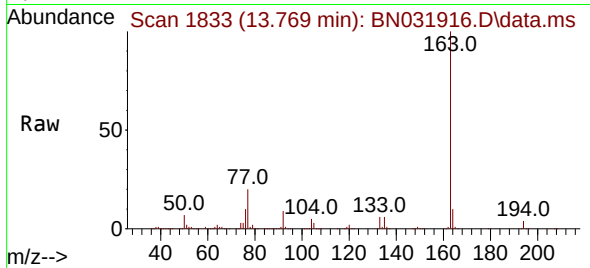
Tgt Ion: 65 Resp: 340594  
Ion Ratio Lower Upper  
65 100  
92 72.4 58.8 88.2  
138 109.1 86.2 129.4





#47  
Dimethylphthalate  
Concen: 22.263 ng/ul  
RT: 13.769 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

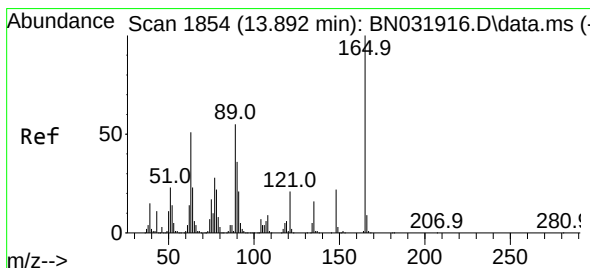
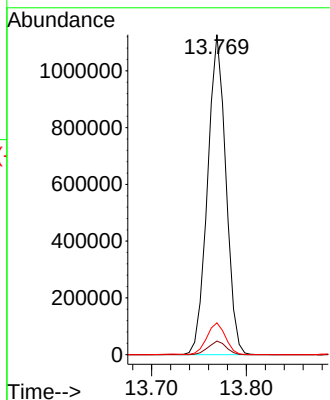
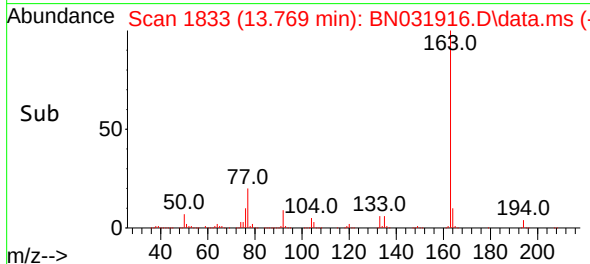
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



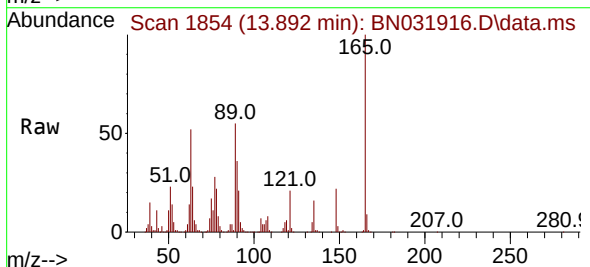
Tgt Ion:163 Resp: 1511760  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.2 4.8  
164 9.9 8.2 12.2

Manual Integrations  
APPROVED

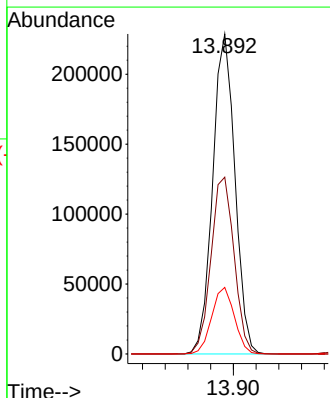
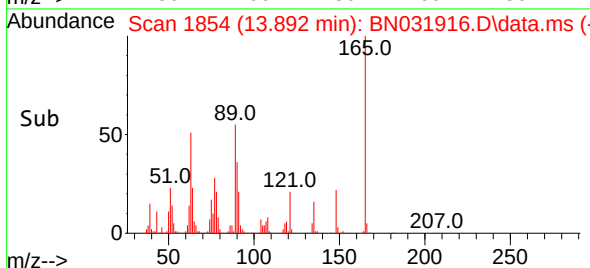
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

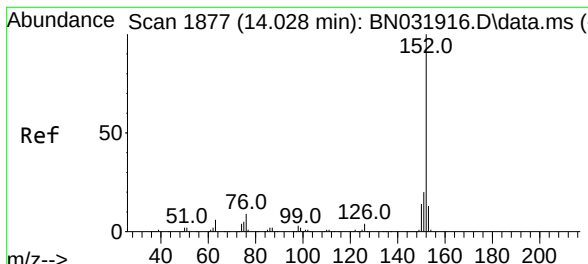


#48  
2,6-Dinitrotoluene  
Concen: 23.046 ng/ul  
RT: 13.892 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



Tgt Ion:165 Resp: 311076  
Ion Ratio Lower Upper  
165 100  
89 55.3 44.6 67.0  
121 20.8 17.3 25.9





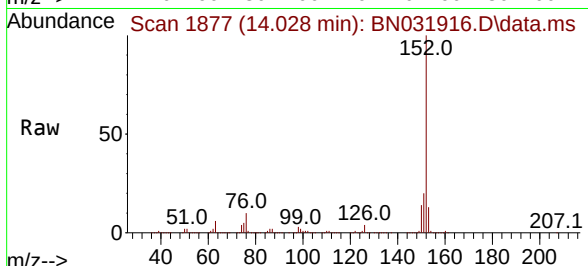
#50  
 Acenaphthylene  
 Concen: 22.614 ng/ul  
 RT: 14.028 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284



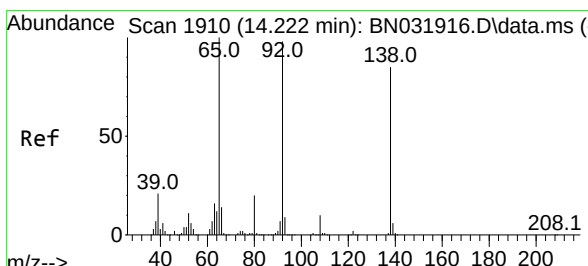
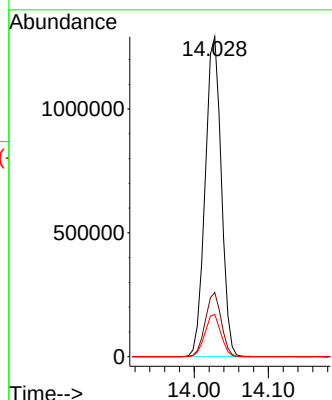
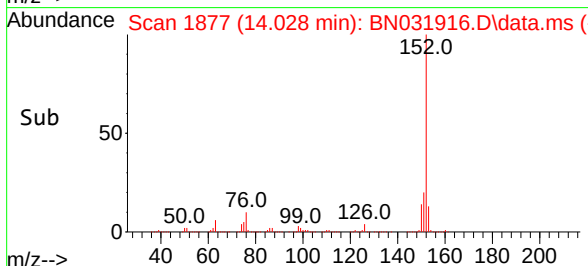
Tgt Ion:152 Resp: 195119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.0  | 15.9  | 23.9  |
| 153 | 13.2  | 10.4  | 15.6  |

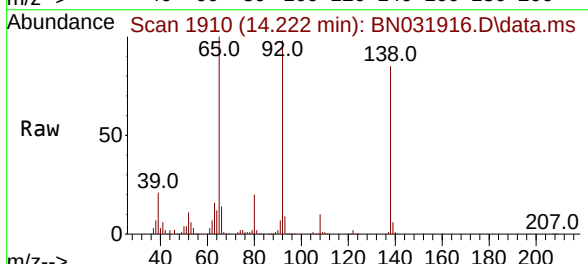
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

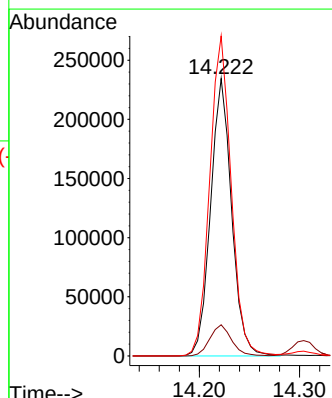
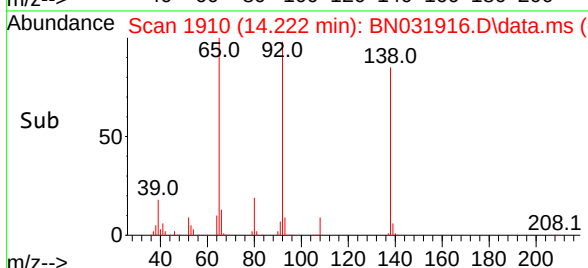


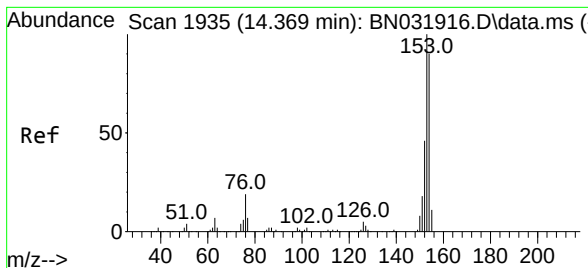
#51  
 3-Nitroaniline  
 Concen: 23.706 ng/ul  
 RT: 14.222 min Scan# 1910  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00



Tgt Ion:138 Resp: 342117

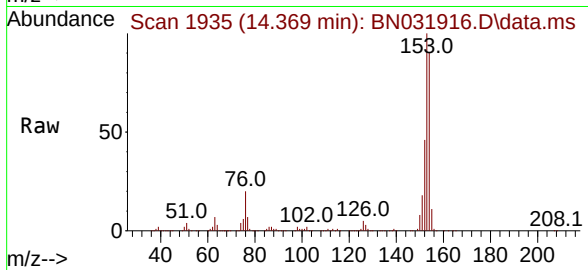
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 11.3  | 9.2   | 13.8  |
| 92  | 115.3 | 94.0  | 141.0 |





#52  
Acenaphthene  
Concen: 22.224 ng/ul  
RT: 14.369 min Scan# 1935  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

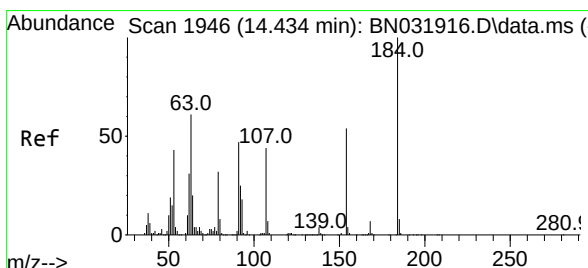
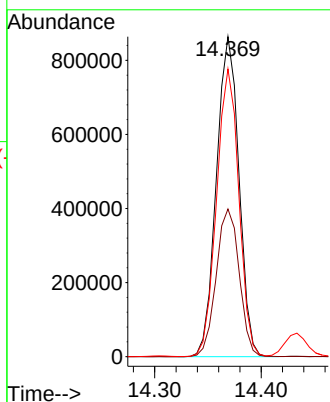
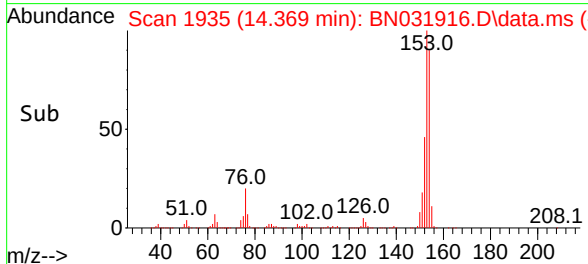
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



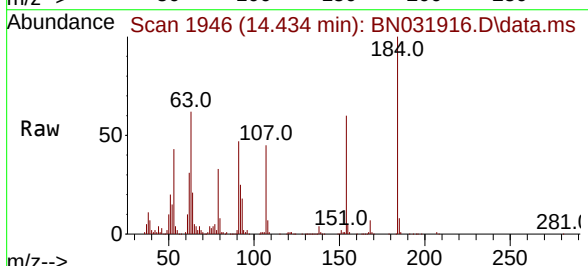
Tgt Ion:153 Resp: 1268779  
Ion Ratio Lower Upper  
153 100  
152 46.2 37.8 56.6  
154 89.9 69.8 104.8

Manual Integrations  
APPROVED

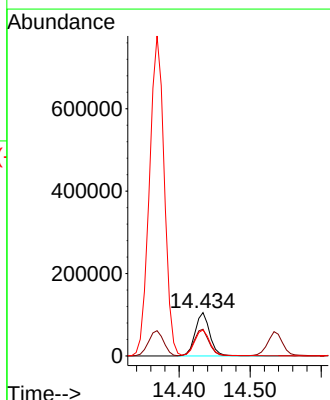
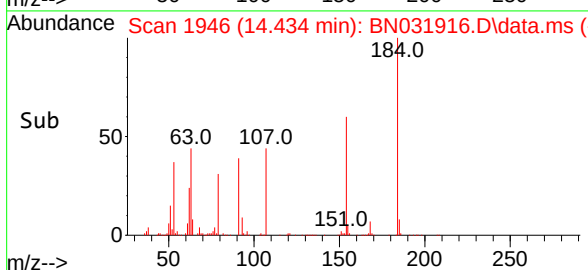
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

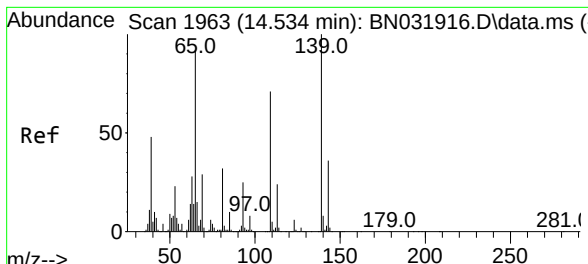


#53  
2,4-Dinitrophenol  
Concen: 22.260 ng/ul  
RT: 14.434 min Scan# 1946  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



Tgt Ion:184 Resp: 151685  
Ion Ratio Lower Upper  
184 100  
63 61.5 50.2 75.4  
154 60.3 49.1 73.7





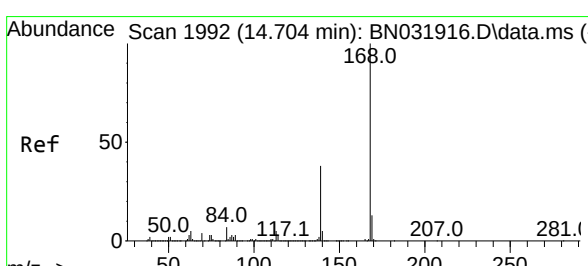
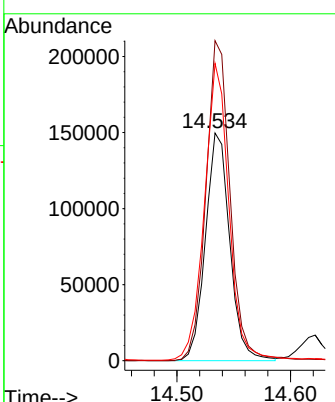
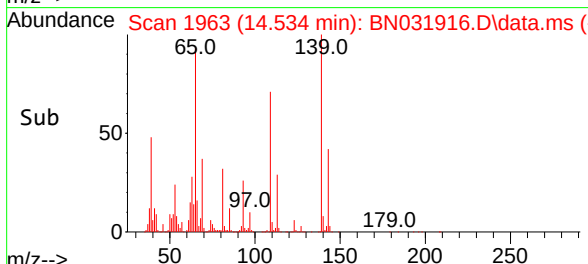
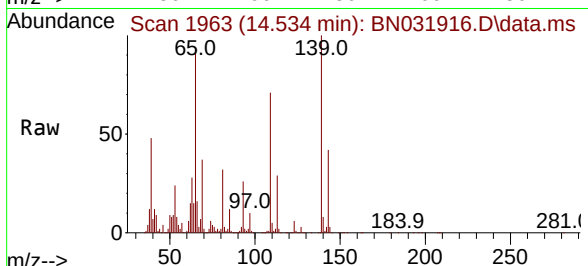
#55  
 4-Nitrophenol  
 Concen: 22.600 ng/ul  
 RT: 14.534 min Scan# 1963  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Instrument : BNA\_N  
 ClientSampleId : SSTD020284

Tgt Ion:109 Resp: 22288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 109 | 100   |       |       |
| 139 | 140.5 | 113.4 | 170.2 |
| 65  | 130.6 | 106.2 | 159.2 |

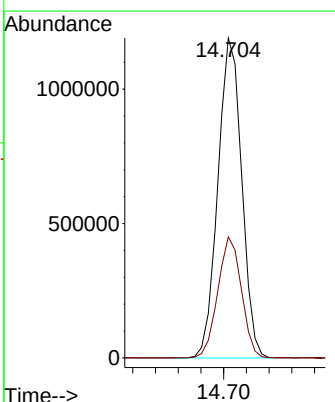
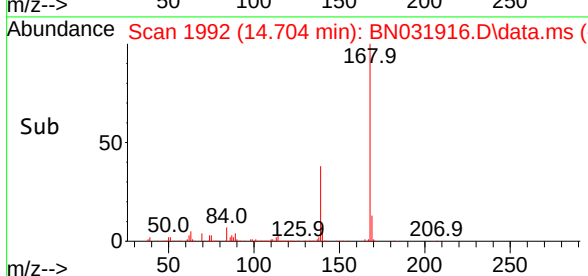
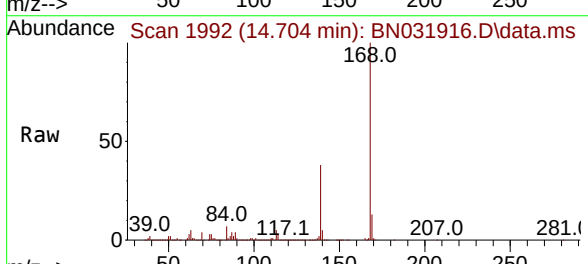
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

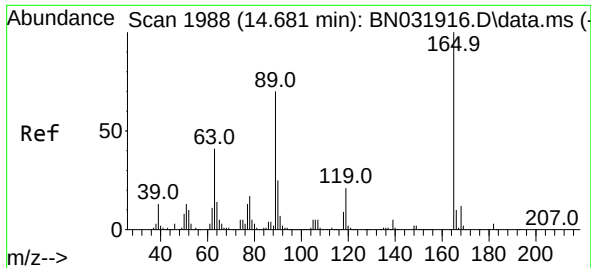


#56  
 Dibenzofuran  
 Concen: 22.319 ng/ul  
 RT: 14.704 min Scan# 1992  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Tgt Ion:168 Resp: 1731168

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 37.8  | 29.4  | 44.0  |





#57  
2,4-Dinitrotoluene  
Concen: 22.611 ng/ul  
RT: 14.681 min Scan# 1988  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

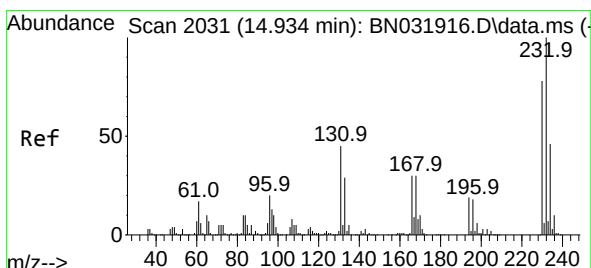
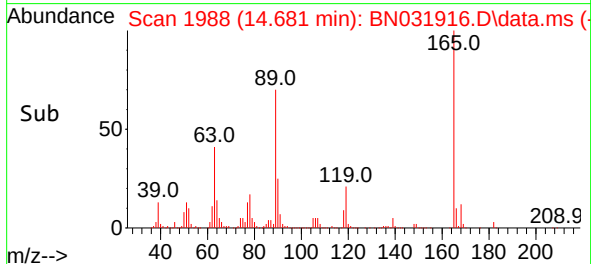
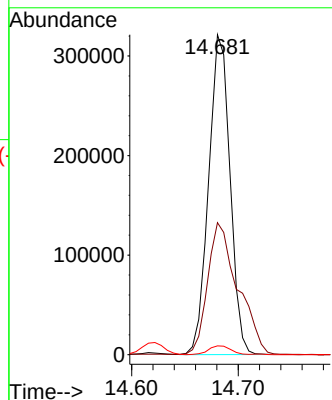
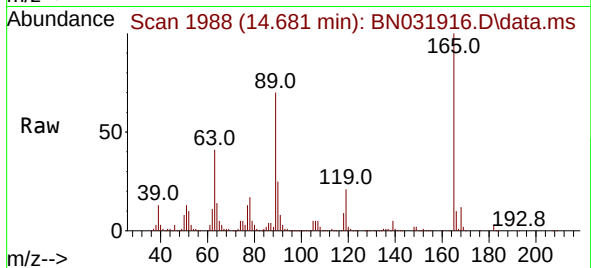
SSTD020284

Tgt Ion:165 Resp: 447829  
Ion Ratio Lower Upper  
165 100  
63 41.3 32.2 48.2  
182 2.8 2.3 3.5

Manual Integrations

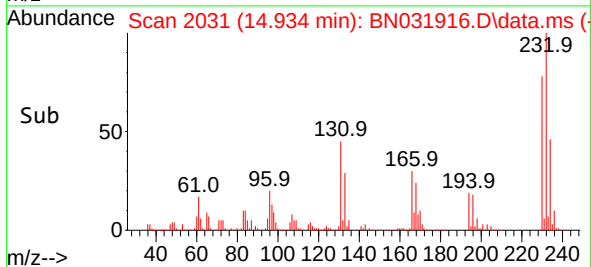
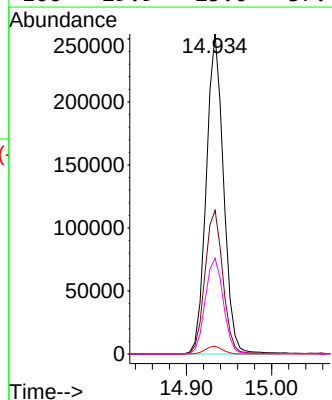
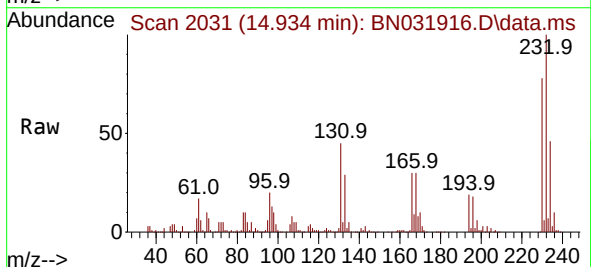
APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

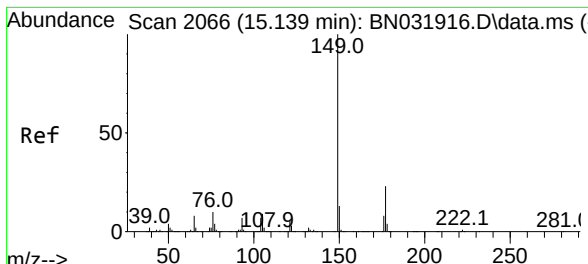


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 23.012 ng/ul  
RT: 14.934 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:232 Resp: 357864  
Ion Ratio Lower Upper  
232 100  
131 44.9 36.6 55.0  
130 2.4 1.8 2.8  
166 29.9 25.0 37.4







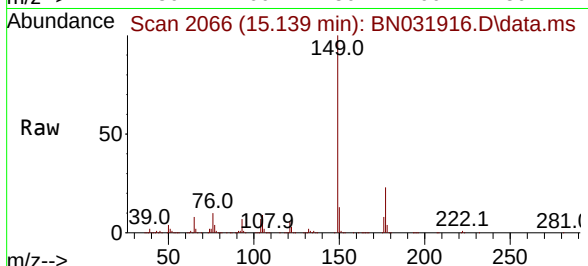
#59  
 Diethylphthalate  
 Concen: 21.862 ng/ul  
 RT: 15.139 min Scan# 2066  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

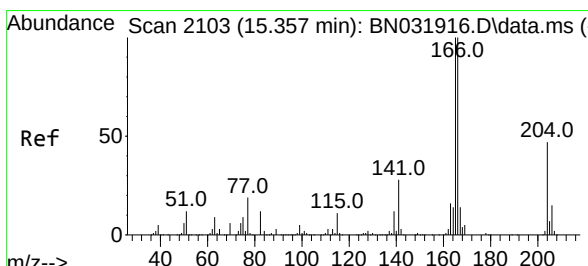
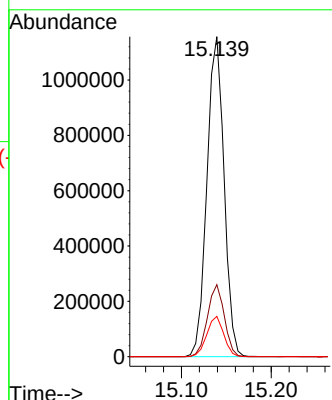
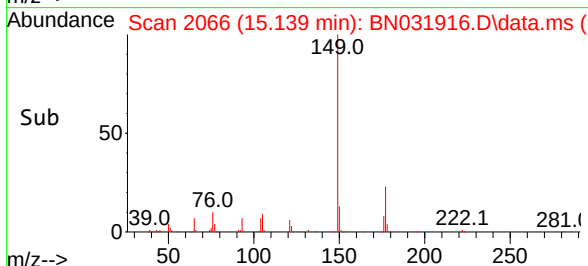


Tgt Ion:149 Resp: 153186  
 Ion Ratio Lower Upper  
 149 100  
 177 22.5 17.1 25.7  
 150 12.6 10.0 15.0

Manual Integrations

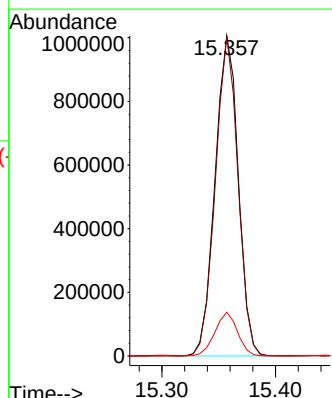
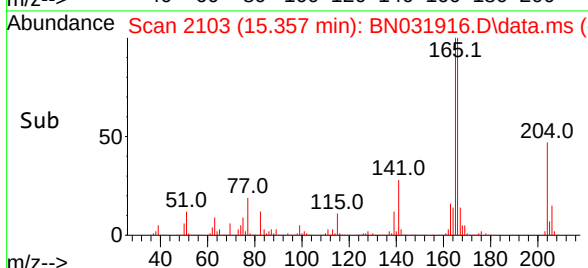
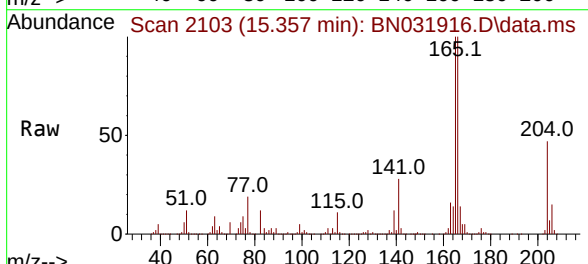
APPROVED

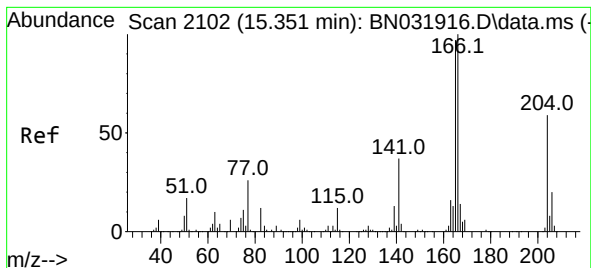
Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024



#61  
 Fluorene  
 Concen: 22.874 ng/ul  
 RT: 15.357 min Scan# 2103  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Tgt Ion:166 Resp: 1428775  
 Ion Ratio Lower Upper  
 166 100  
 165 99.8 80.3 120.5  
 167 13.7 11.3 16.9





#62  
4-Chlorophenyl-phenylether  
Concen: 22.910 ng/ul  
RT: 15.351 min Scan# 2102  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

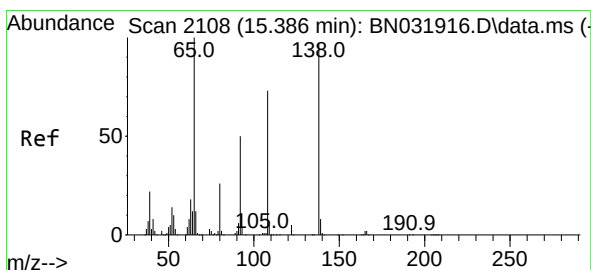
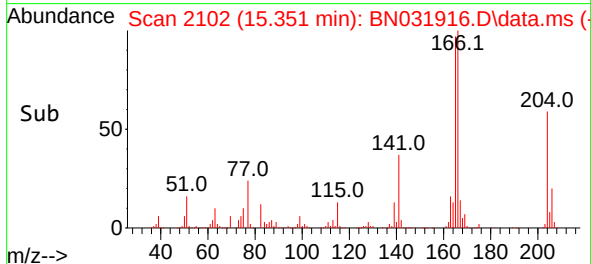
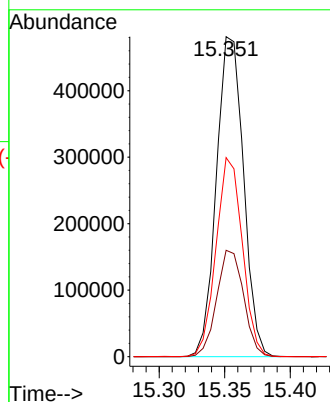
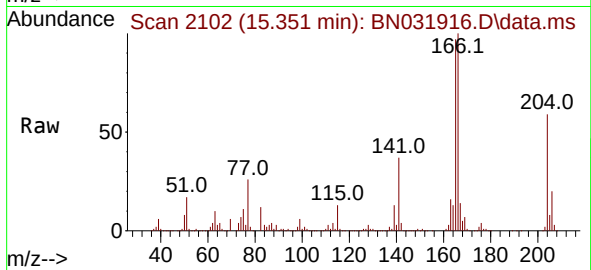
SSTD020284

Tgt Ion:204 Resp: 693100  
Ion Ratio Lower Upper  
204 100  
206 33.3 25.7 38.5  
141 62.2 47.7 71.5

Manual Integrations

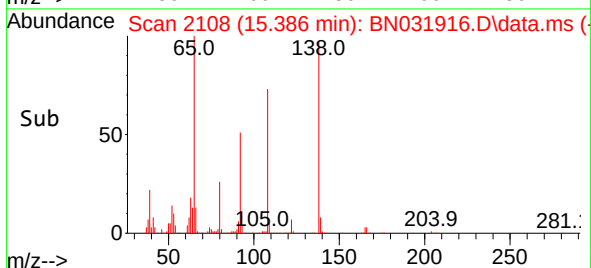
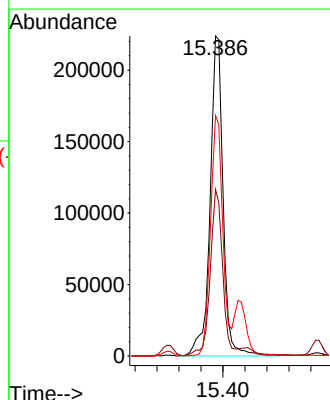
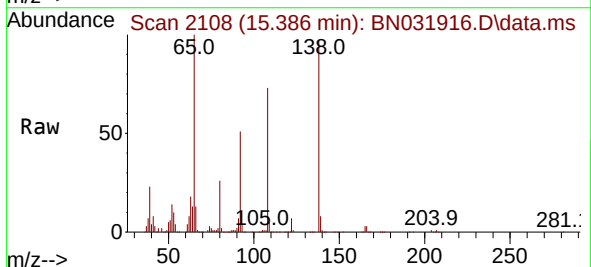
APPROVED

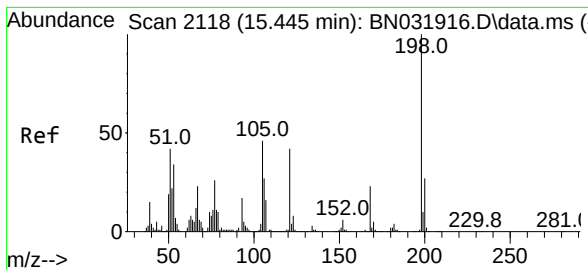
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#63  
4-Nitroaniline  
Concen: 26.841 ng/ul  
RT: 15.386 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:138 Resp: 368754  
Ion Ratio Lower Upper  
138 100  
92 52.1 41.0 61.4  
108 75.2 60.1 90.1





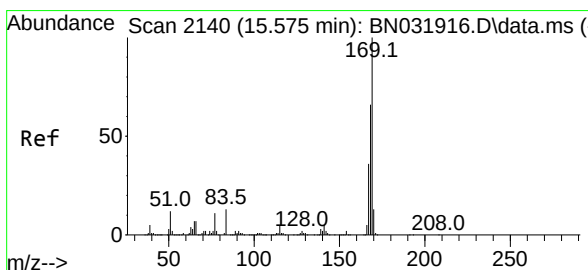
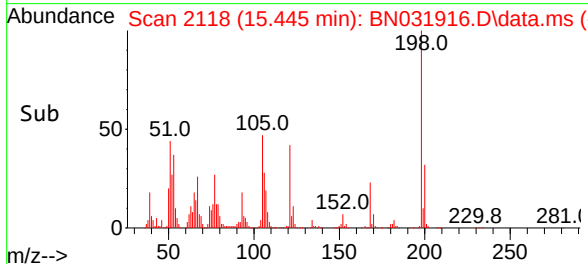
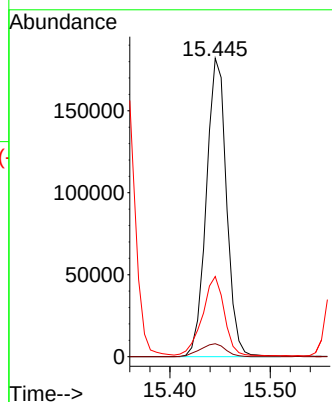
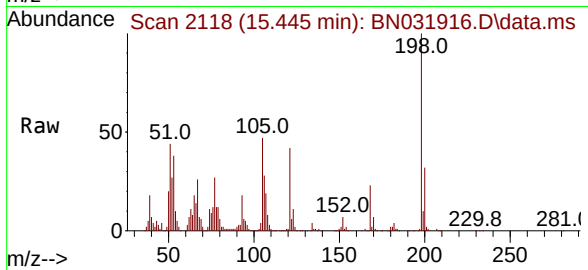
#66  
4,6-Dinitro-2-methylphenol  
Concen: 23.931 ng/ul  
RT: 15.445 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284

Tgt Ion:198 Resp: 255225  
Ion Ratio Lower Upper  
198 100  
182 4.3 3.0 4.6  
77 26.8 19.4 29.2

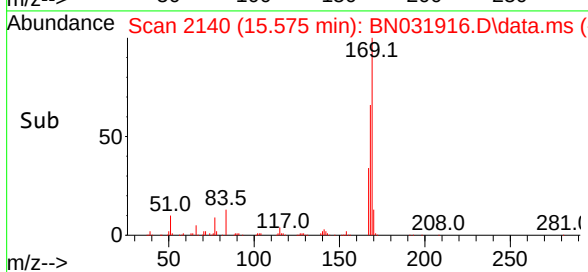
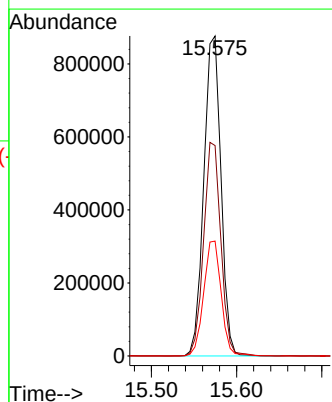
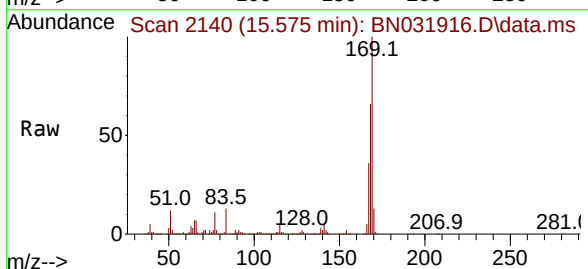
Manual Integrations  
APPROVED

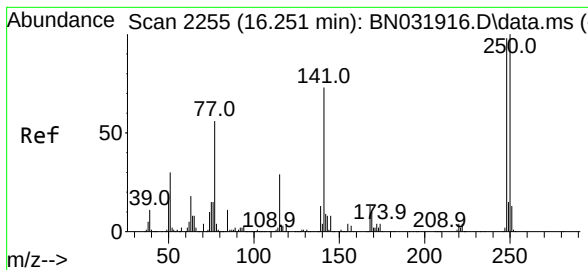
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#67  
N-Nitrosodiphenylamine  
Concen: 22.231 ng/ul  
RT: 15.575 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:169 Resp: 1223082  
Ion Ratio Lower Upper  
169 100  
168 65.7 52.7 79.1  
167 35.9 29.6 44.4





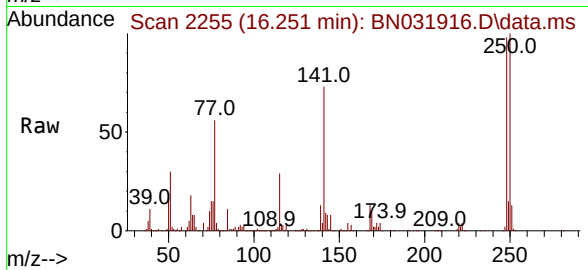
#68  
4-Bromophenyl-phenylether  
Concen: 22.926 ng/ul  
RT: 16.251 min Scan# 2255  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

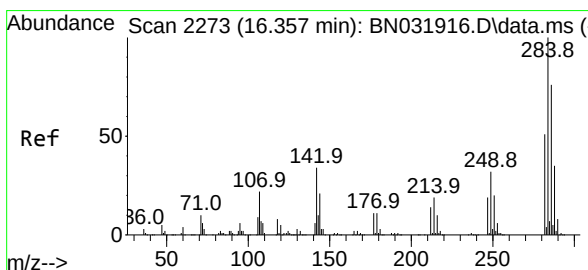
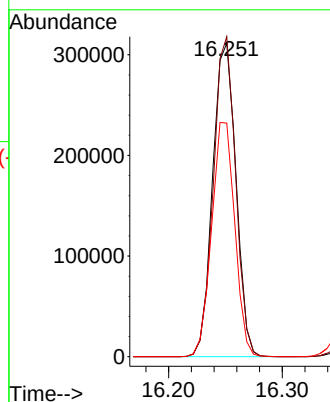
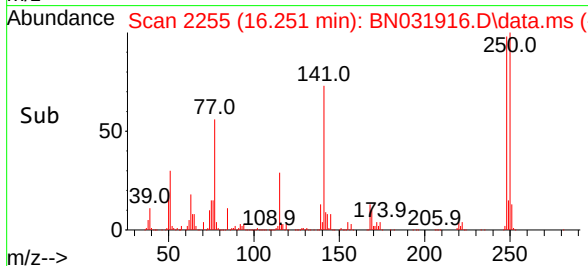


Tgt Ion:248 Resp: 443359  
Ion Ratio Lower Upper  
248 100  
250 102.1 76.5 114.7  
141 74.5 63.9 95.9

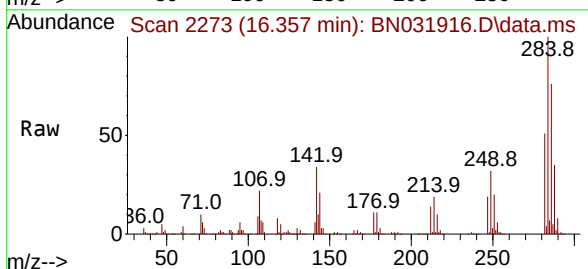
Manual Integrations

APPROVED

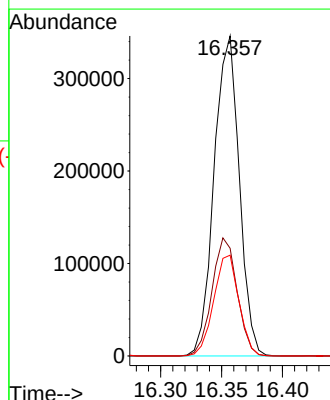
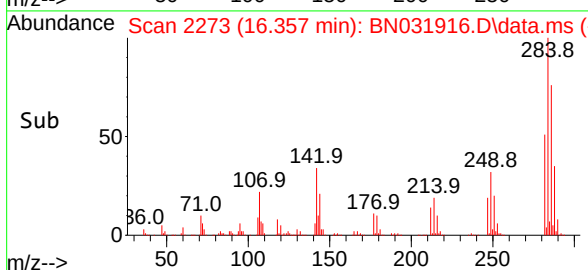
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

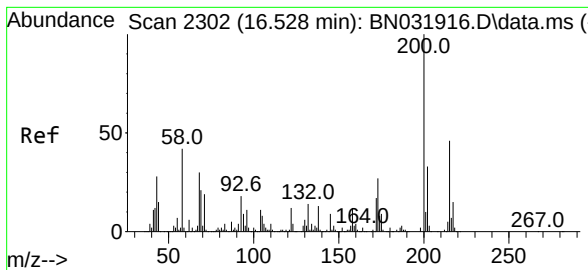


#69  
Hexachlorobenzene  
Concen: 22.679 ng/ul  
RT: 16.357 min Scan# 2273  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



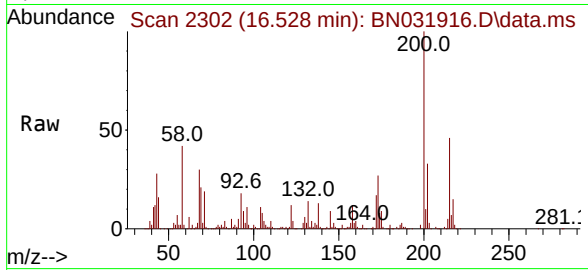
Tgt Ion:284 Resp: 497075  
Ion Ratio Lower Upper  
284 100  
142 33.7 31.1 46.7  
249 31.5 25.7 38.5





#70  
 Atrazine  
 Concen: 20.402 ng/u1  
 RT: 16.528 min Scan# 2302  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

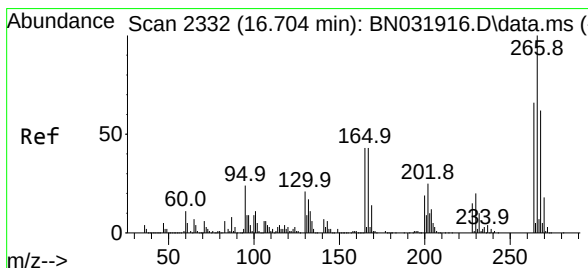
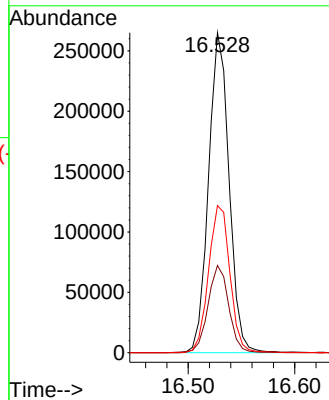
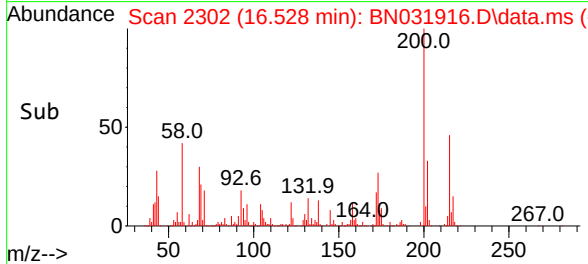
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST020284



Tgt Ion:200 Resp: 35439  
 Ion Ratio Lower Upper  
 200 100  
 173 27.2 21.2 31.8  
 215 46.0 38.9 58.3

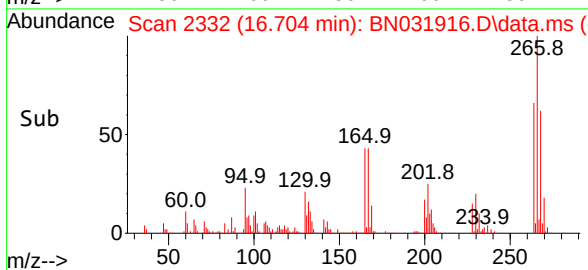
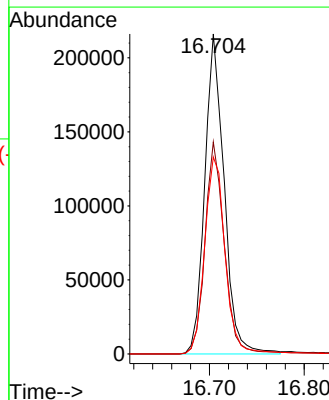
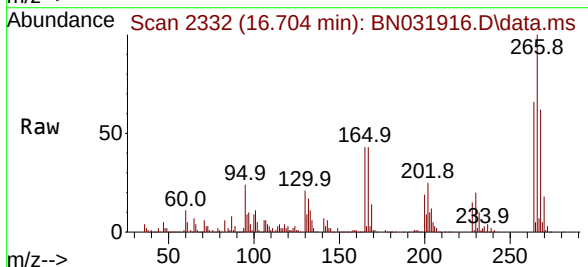
Manual Integrations  
 APPROVED

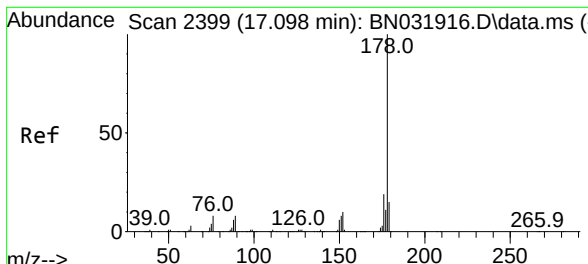
Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024



#71  
 Pentachlorophenol  
 Concen: 21.898 ng/u1  
 RT: 16.704 min Scan# 2332  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Tgt Ion:266 Resp: 307088  
 Ion Ratio Lower Upper  
 266 100  
 264 66.2 54.7 82.1  
 268 61.6 53.4 80.2





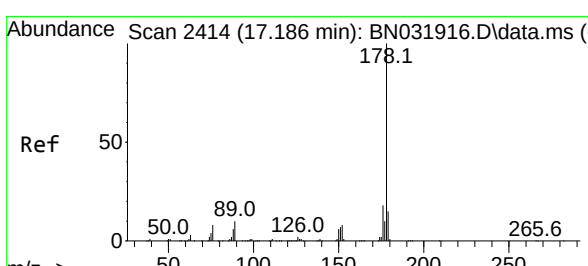
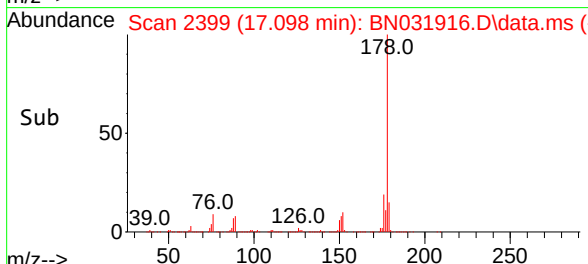
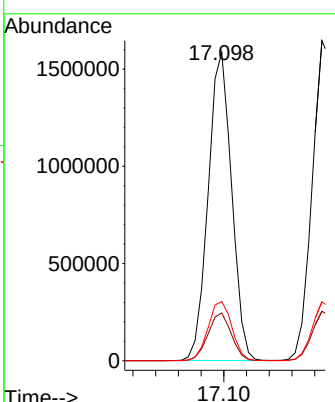
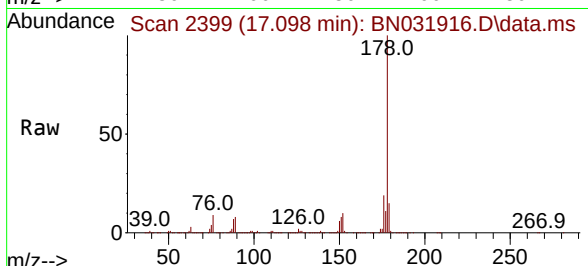
#72  
 Phenanthrene  
 Concen: 22.363 ng/ul  
 RT: 17.098 min Scan# 2399  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Instrument : BNA\_N  
 ClientSampleId : SST020284

Tgt Ion:178 Resp: 2273760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.6  | 19.0  |
| 176 | 19.2  | 15.8  | 23.6  |

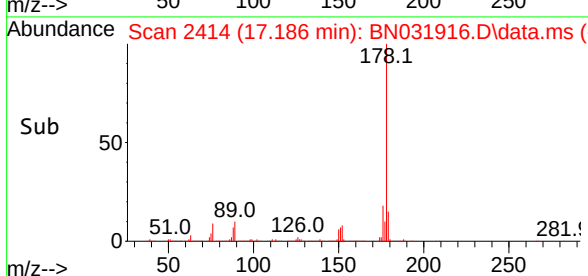
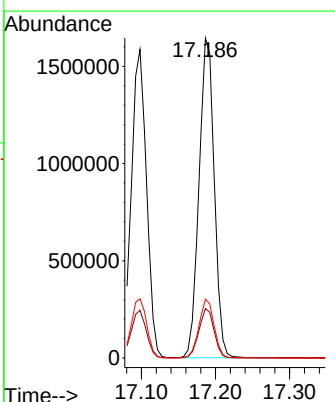
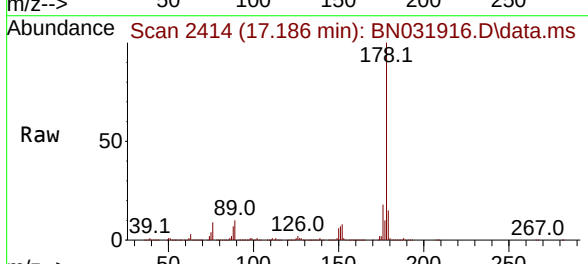
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

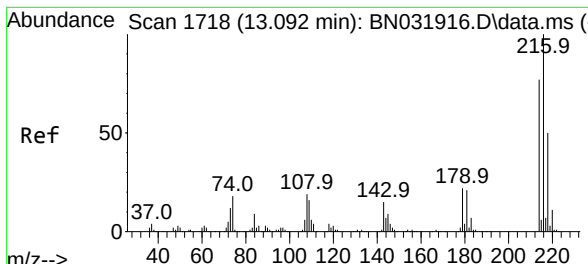


#74  
 Anthracene  
 Concen: 22.839 ng/ul  
 RT: 17.186 min Scan# 2414  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Tgt Ion:178 Resp: 2352989

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 11.8  | 17.6  |
| 176 | 18.4  | 14.8  | 22.2  |





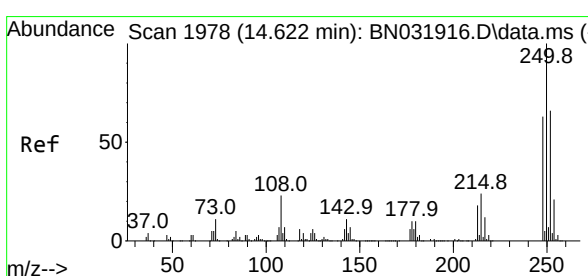
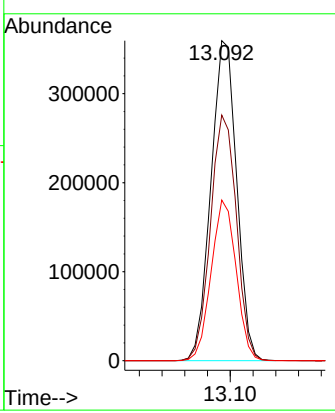
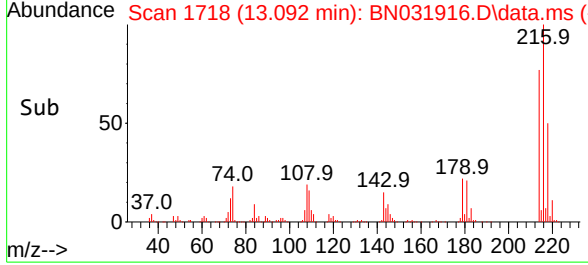
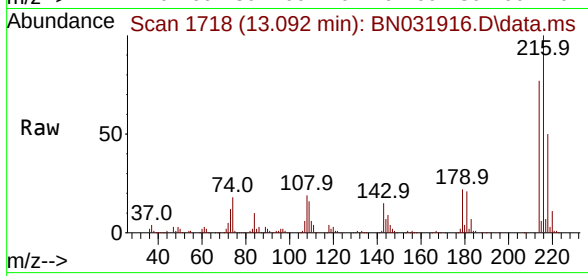
#75  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 22.111 ng/uL  
 RT: 13.092 min Scan# 1718  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Instrument : BNA\_N  
 ClientSampleId : SSTD020284

Tgt Ion: 216 Resp: 568040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 76.7  | 62.1  | 93.1  |
| 218 | 50.2  | 40.2  | 60.4  |

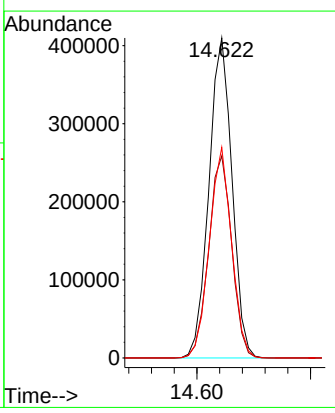
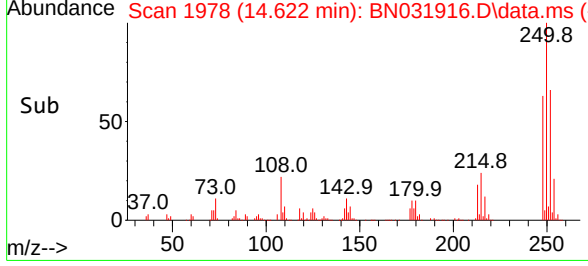
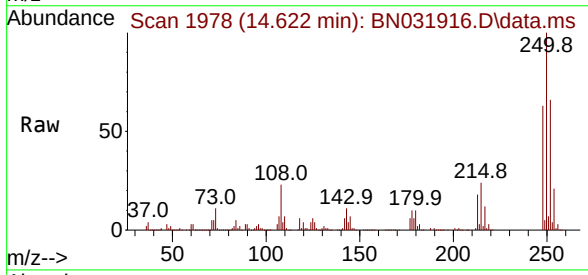
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024

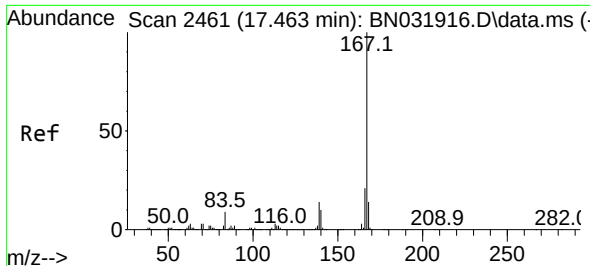


#76  
 Pentachlorobenzene  
 Concen: 23.100 ng/uL  
 RT: 14.622 min Scan# 1978  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Tgt Ion: 250 Resp: 578016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 250 | 100   |       |       |
| 248 | 63.1  | 49.8  | 74.6  |
| 252 | 65.8  | 52.3  | 78.5  |





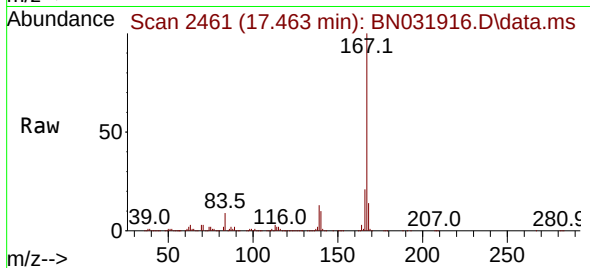
#77  
 Carbazole  
 Concen: 24.578 ng/ul  
 RT: 17.463 min Scan# 2461  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

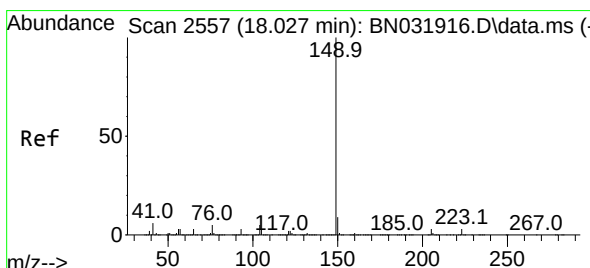
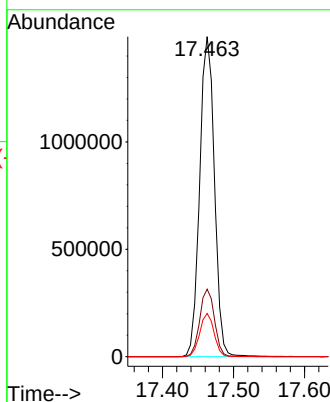
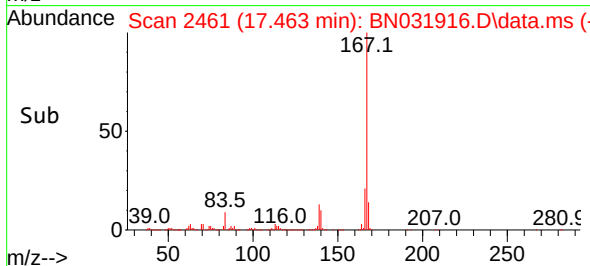


Tgt Ion:167 Resp: 2159098  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.9 26.9  
 139 13.5 10.5 15.7

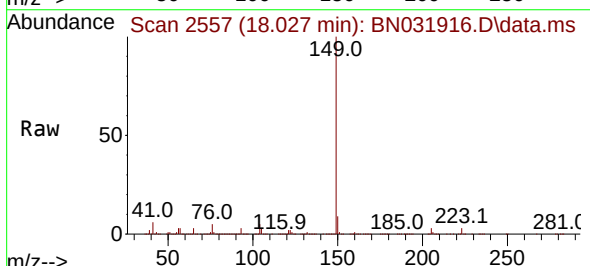
Manual Integrations

APPROVED

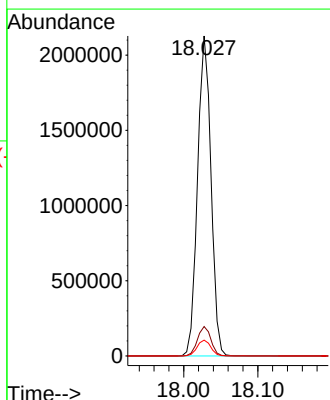
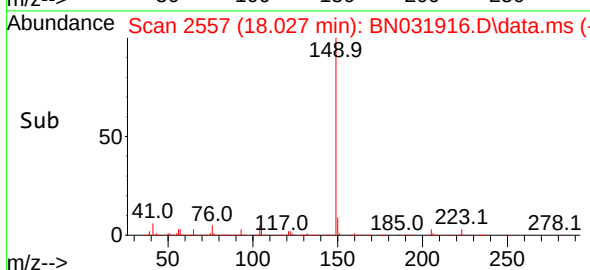
Reviewed By :Jagrut Upadhyay 06/12/2024  
 Supervised By :mohammad ahmed 06/14/2024



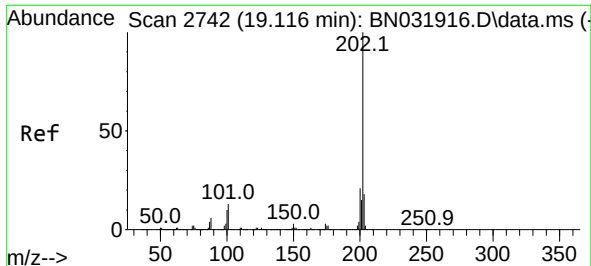
#78  
 Di-n-butylphthalate  
 Concen: 22.109 ng/ul  
 RT: 18.027 min Scan# 2557  
 Delta R.T. 0.000 min  
 Lab File: BN031916.D  
 Acq: 11 Jun 2024 19:00



Tgt Ion:149 Resp: 2672109  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.0 4.1 6.1

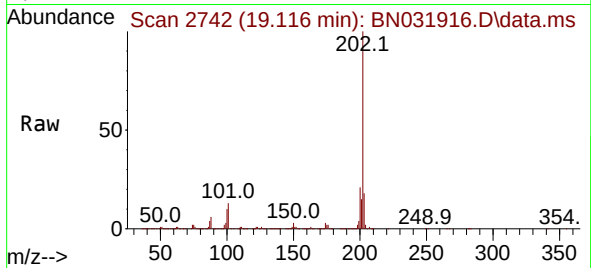






#80  
Fluoranthene  
Concen: 22.373 ng/u1  
RT: 19.116 min Scan# 2742  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

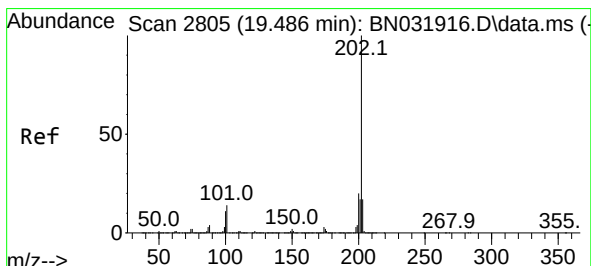
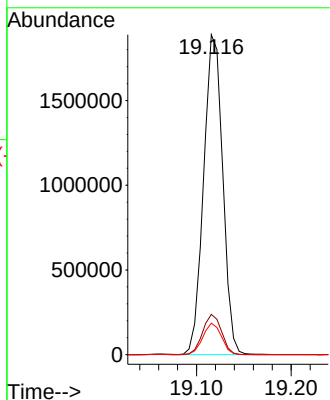
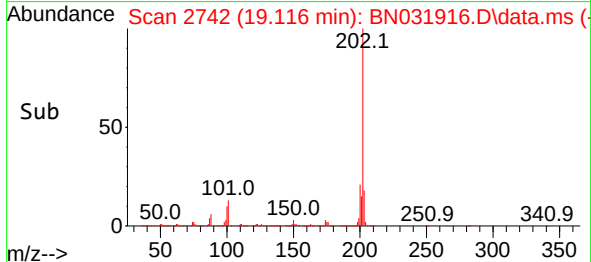
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



Tgt Ion:202 Resp: 265274  
Ion Ratio Lower Upper  
202 100  
101 12.6 10.3 15.5  
100 9.9 8.0 12.0

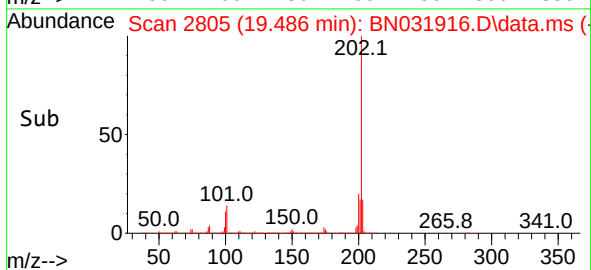
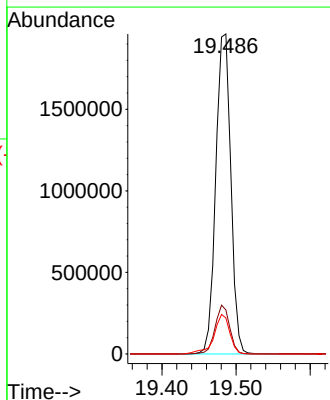
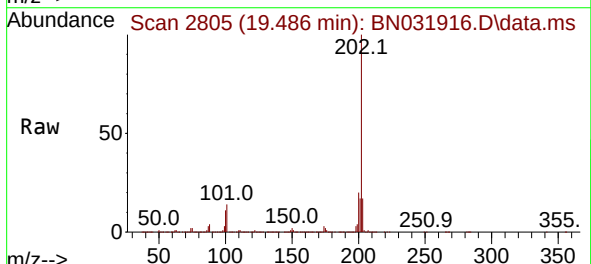
Manual Integrations  
APPROVED

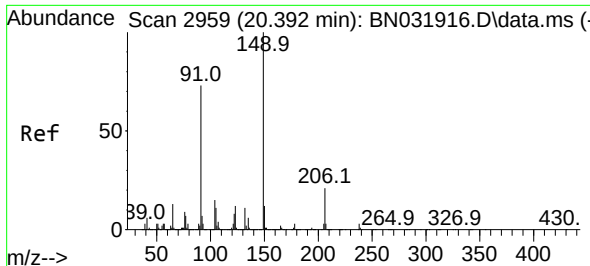
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#82  
Pyrene  
Concen: 22.694 ng/u1  
RT: 19.486 min Scan# 2805  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:202 Resp: 2760779  
Ion Ratio Lower Upper  
202 100  
101 13.8 12.6 18.8  
100 11.3 10.2 15.2





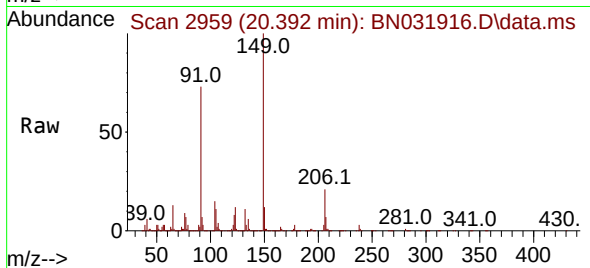
#83  
Butylbenzylphthalate  
Concen: 21.618 ng/ul  
RT: 20.392 min Scan# 2959  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

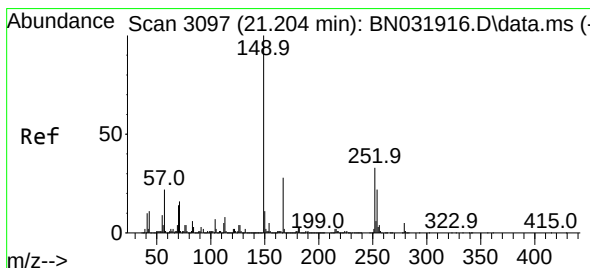
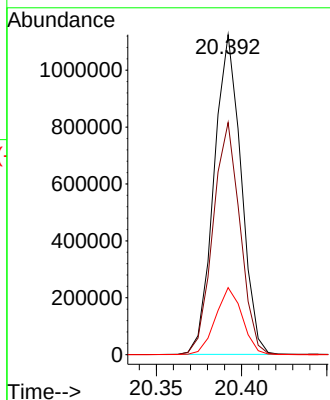
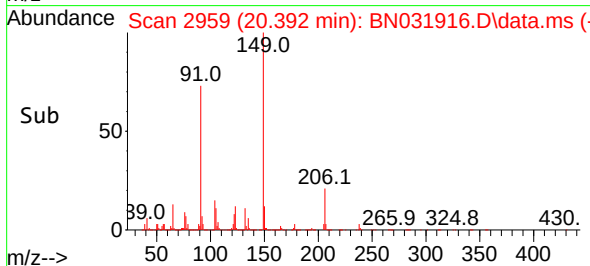


Tgt Ion:149 Resp: 1242130  
Ion Ratio Lower Upper  
149 100  
91 72.5 61.0 91.4  
206 20.9 16.5 24.7

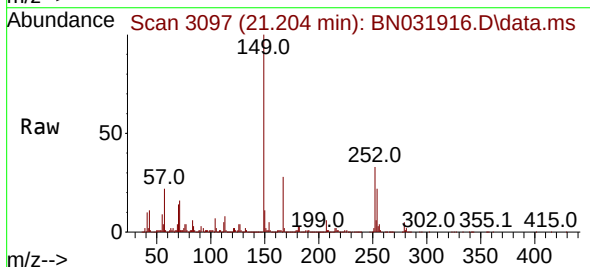
Manual Integrations

APPROVED

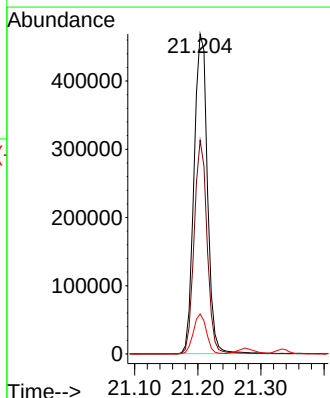
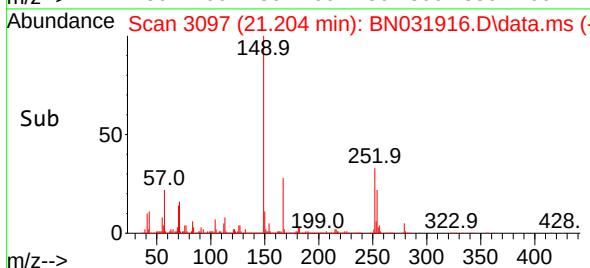
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

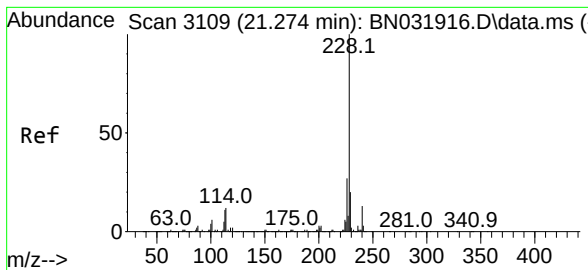


#84  
3,3'-Dichlorobenzidine  
Concen: 19.470 ng/ul  
RT: 21.204 min Scan# 3097  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



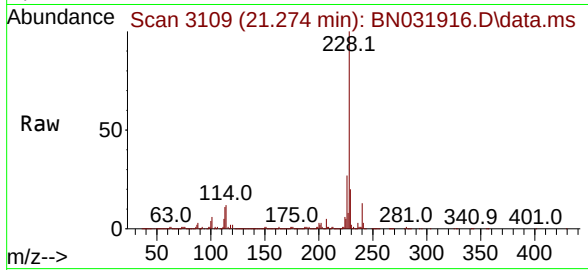
Tgt Ion:252 Resp: 692237  
Ion Ratio Lower Upper  
252 100  
254 66.8 53.6 80.4  
126 12.5 10.2 15.4





#85  
Benzo(a)anthracene  
Concen: 21.997 ng/u1  
RT: 21.274 min Scan# 3109  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

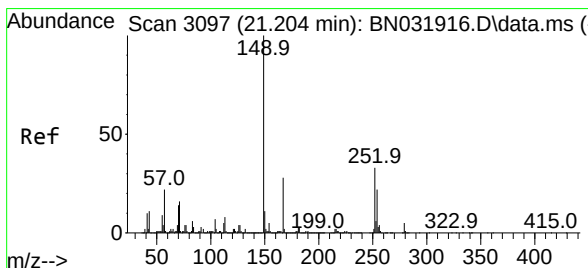
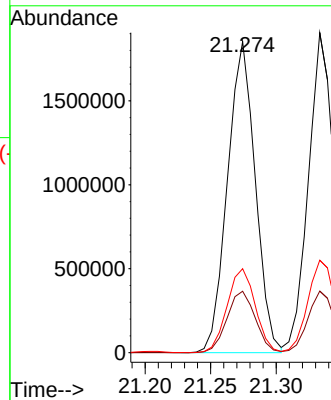
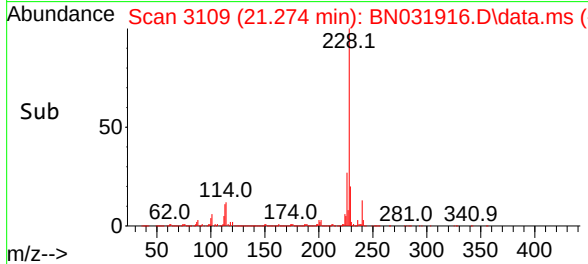
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



Tgt Ion:228 Resp: 272976  
Ion Ratio Lower Upper  
228 100  
229 19.7 16.7 25.1  
226 27.0 22.8 34.2

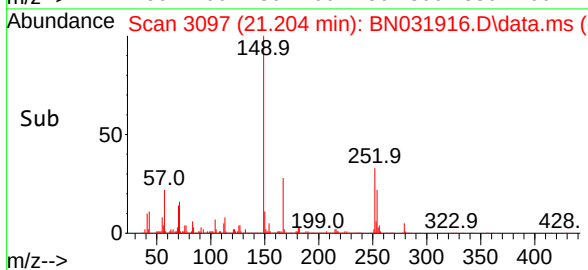
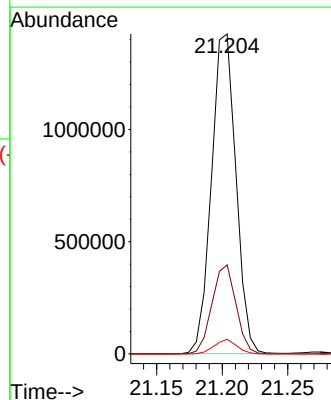
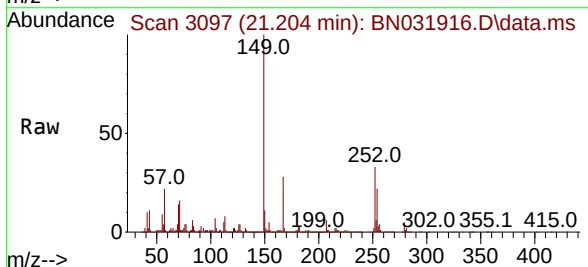
Manual Integrations  
APPROVED

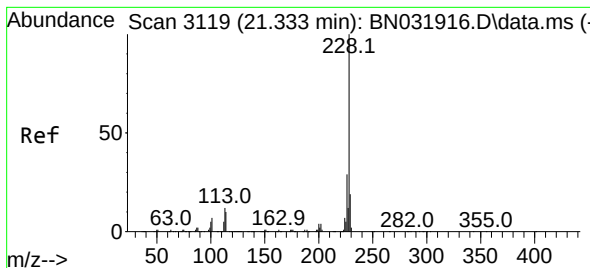
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 22.085 ng/u1  
RT: 21.204 min Scan# 3097  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

Tgt Ion:149 Resp: 1849810  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.4 32.0  
279 4.6 3.3 4.9





#87

Chrysene

Concen: 22.436 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284

Tgt Ion:228 Resp: 2600749

Ion Ratio Lower Upper

228 100

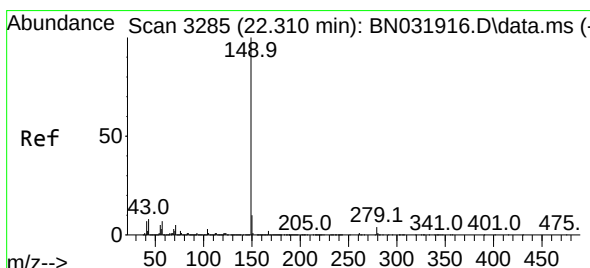
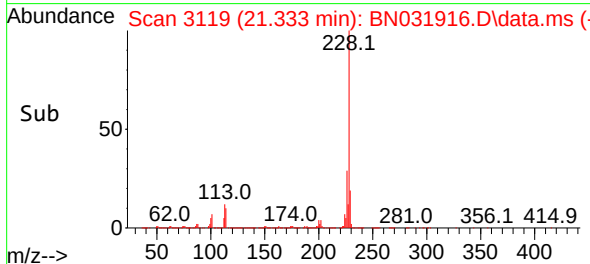
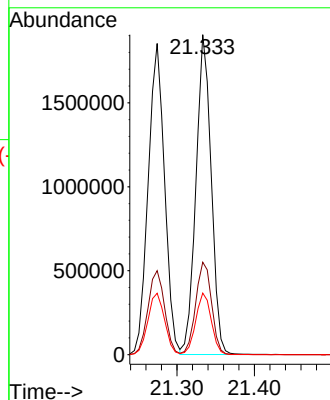
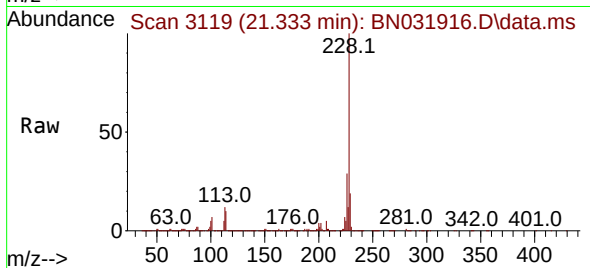
226 28.9 23.7 35.5

229 19.2 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#89

Di-n-octyl phthalate

Concen: 22.894 ng/ul

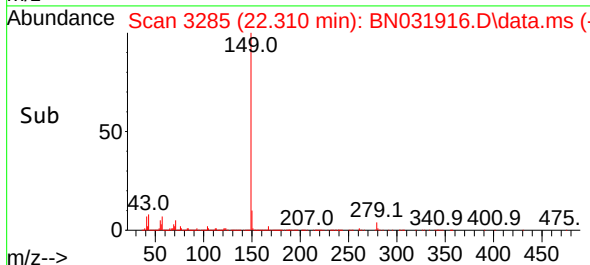
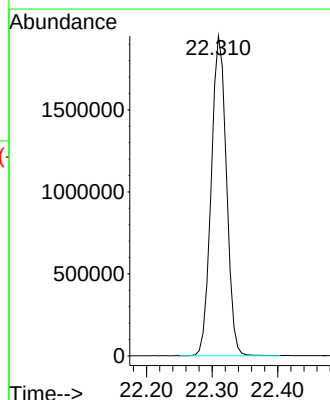
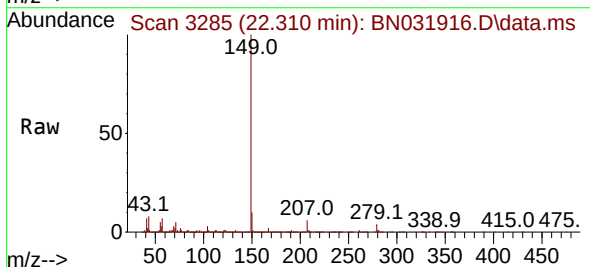
RT: 22.310 min Scan# 3285

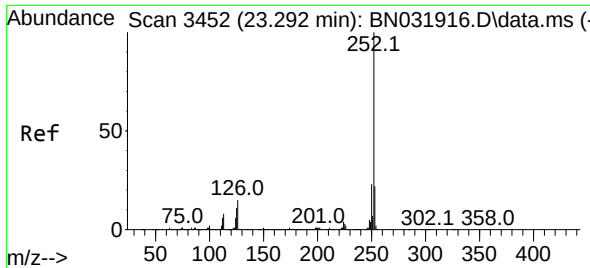
Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

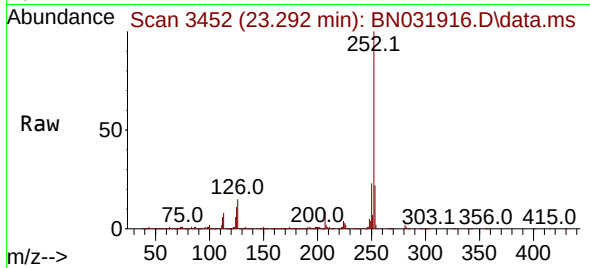
Tgt Ion:149 Resp: 3143403





#90  
Benzo(b)fluoranthene  
Concen: 21.772 ng/ul  
RT: 23.292 min Scan# 3452  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00

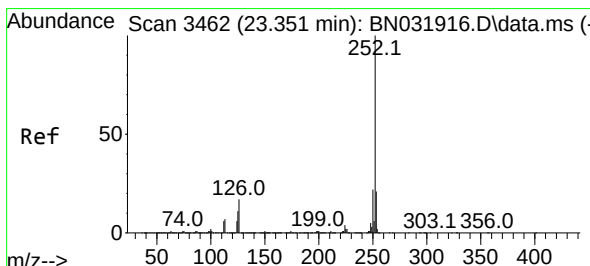
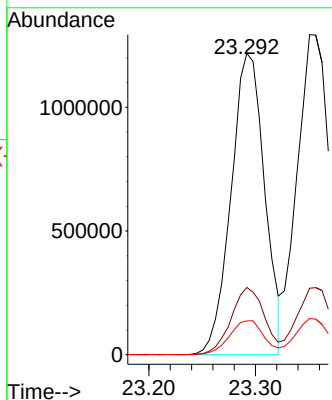
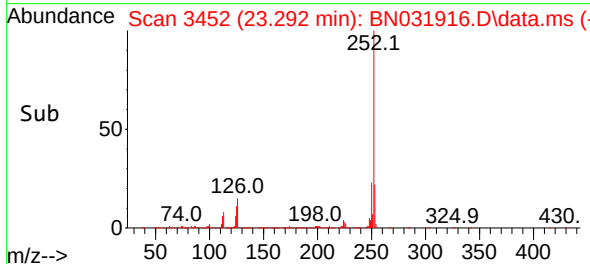
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD020284



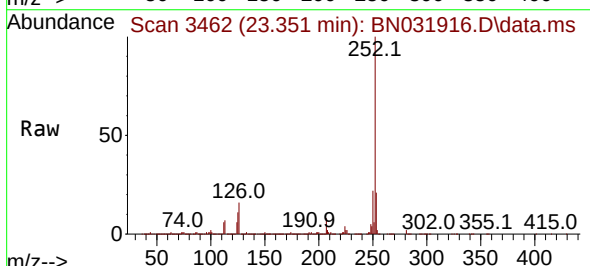
Tgt Ion:252 Resp: 266885  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.0 25.6  
125 11.2 9.2 13.8

Manual Integrations  
APPROVED

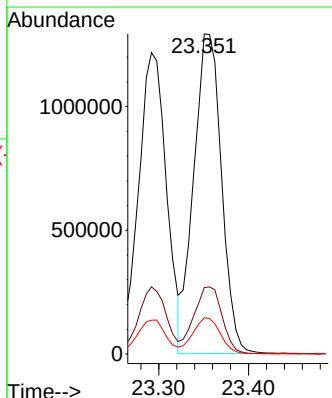
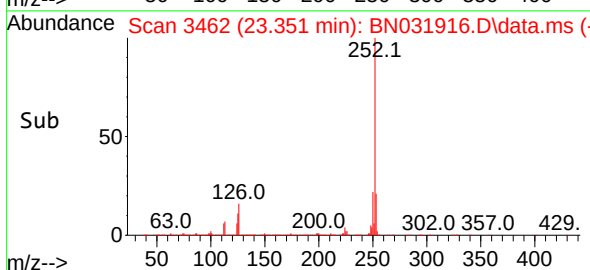
Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024

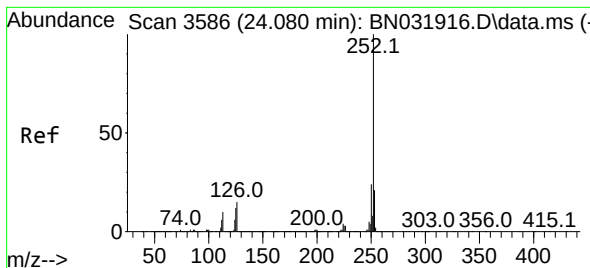


#91  
Benzo(k)fluoranthene  
Concen: 23.086 ng/ul  
RT: 23.351 min Scan# 3462  
Delta R.T. 0.000 min  
Lab File: BN031916.D  
Acq: 11 Jun 2024 19:00



Tgt Ion:252 Resp: 2777003  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.6 26.4  
125 11.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 21.823 ng/ul

RT: 24.080 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BN031916.D

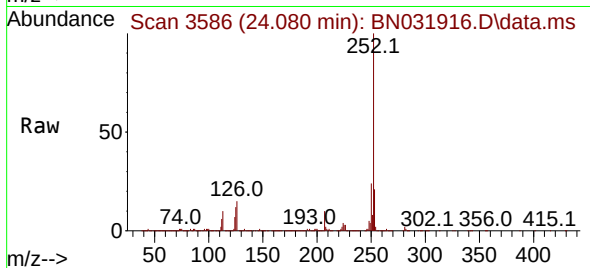
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284



Tgt Ion:252 Resp: 250549

Ion Ratio Lower Upper

252 100

253 21.3 16.6 24.8

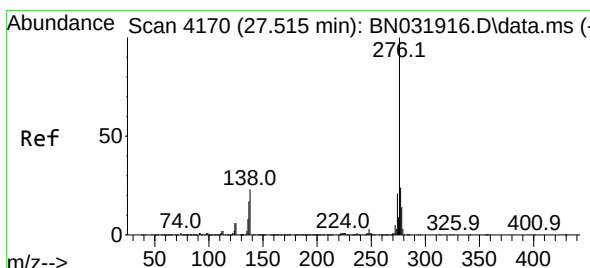
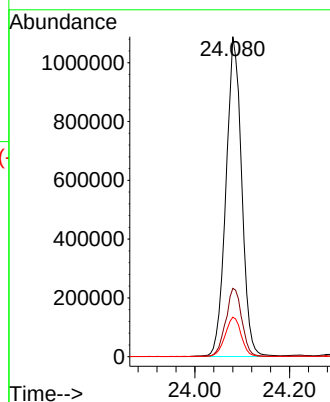
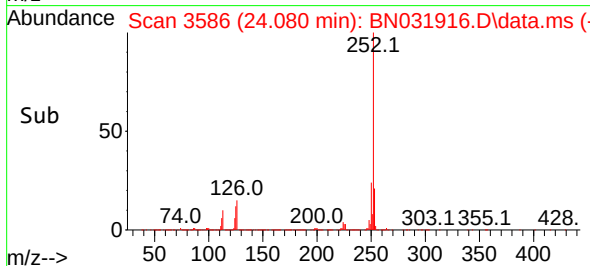
125 12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024

Supervised By :mohammad ahmed 06/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.688 ng/ul m

RT: 27.515 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

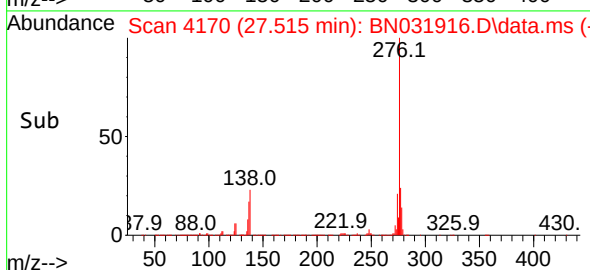
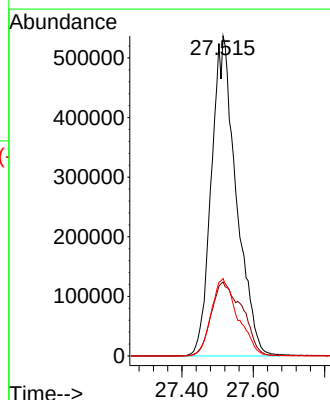
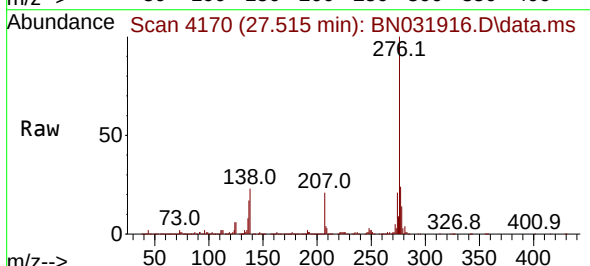
Tgt Ion:276 Resp: 2604689

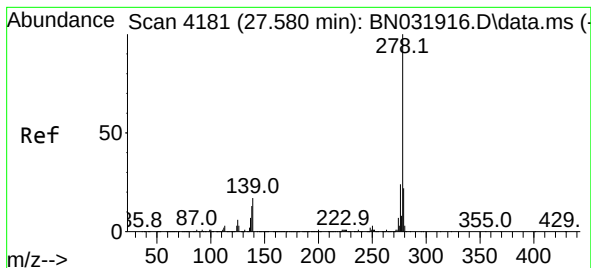
Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

277 24.2 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 20.254 ng/ul

RT: 27.580 min Scan# 4181

Delta R.T. 0.000 min

Lab File: BN031916.D

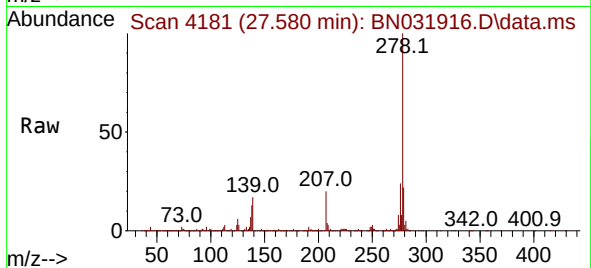
Acq: 11 Jun 2024 19:00

Instrument :

BNA\_N

ClientSampleId :

SSTD020284



Tgt Ion:278 Resp: 218769

Ion Ratio Lower Upper

278 100

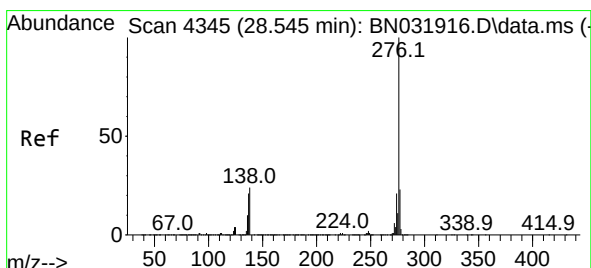
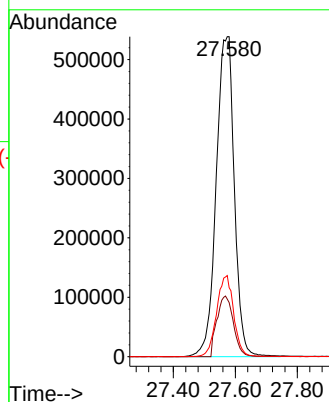
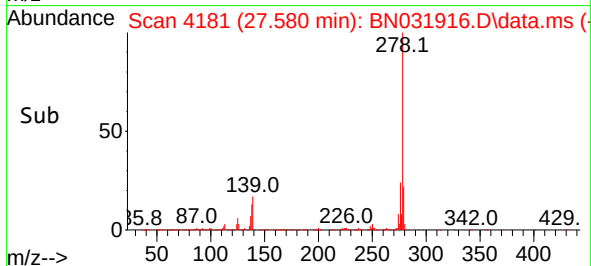
139 16.9 15.0 22.6

279 21.6 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024  
Supervised By :mohammad ahmed 06/14/2024



#96

Benzo(g,h,i)perylene

Concen: 18.938 ng/ul m

RT: 28.545 min Scan# 4345

Delta R.T. 0.000 min

Lab File: BN031916.D

Acq: 11 Jun 2024 19:00

Tgt Ion:276 Resp: 1991726

Ion Ratio Lower Upper

276 100

138 24.0 20.9 31.3

277 22.7 18.0 27.0

