

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111924\  
 Data File : BP023260.D  
 Acq On : 20 Nov 2024 21:06  
 Operator : RC/JU  
 Sample : PB165090BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS090

Quant Time: Nov 21 01:46:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 20 04:34:35 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :mohammad ahmed 11/22/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.569  | 152  | 96640    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.310 | 136  | 342926   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.187 | 164  | 267296   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.998 | 188  | 659012   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.439 | 240  | 762068   | 20.000 | ng/u1  | 0.02     |
| 88) Perylene-d12              | 24.657 | 264  | 883641   | 20.000 | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 14443    | 7.184  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.546  | 84   | 179284   | 30.014 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.769  | 99   | 221894   | 31.056 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.916  | 67   | 127819   | 30.449 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.110  | 132  | 165195   | 31.570 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.275  | 113  | 173295   | 29.474 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.704  | 128  | 82217    | 34.438 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.416  | 143  | 99354    | 34.908 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.957  | 165  | 202909   | 34.043 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.457 | 131  | 194081   | 27.294 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.587 | 166  | 658003   | 34.156 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.875 | 160  | 699631   | 34.805 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.445 | 143  | 83597    | 28.875 | ng/u1  | -0.01    |
| 60) Fluorene-d10              | 15.198 | 176  | 565130   | 33.459 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.351 | 200  | 131991   | 33.434 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.098 | 188  | 959169   | 34.375 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.480 | 212  | 1254666  | 35.744 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.439 | 264  | 1523959  | 36.206 | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.169  | 88   | 26637    | 11.466 | ng/uL  | 99       |
| 5) Pyridine                   | 3.564  | 79   | 175585   | 29.270 | ng/u1  | 95       |
| 6) Benzaldehyde               | 6.740  | 77   | 84461    | 20.542 | ng/u1  | 95       |
| 8) Phenol                     | 6.793  | 94   | 223965   | 30.018 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.005  | 93   | 166418   | 29.682 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.146  | 128  | 163145   | 30.030 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.010  | 108  | 161882   | 29.067 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.069  | 45   | 192669   | 30.356 | ng/u1  | 94       |
| 16) Acetophenone              | 8.381  | 105  | 277003   | 28.037 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.357  | 70   | 143632   | 29.115 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.340  | 108  | 172900   | 28.107 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.610  | 117  | 78140    | 29.740 | ng/u1  | 96       |
| 22) Nitrobenzene              | 8.752  | 77   | 227404   | 33.196 | ng/u1  | 97       |
| 23) Isophorone                | 9.269  | 82   | 402293   | 32.843 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.446  | 139  | 100386   | 33.416 | ng/u1  | 92       |
| 26) 2,4-Dimethylphenol        | 9.516  | 107  | 166489   | 25.665 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.734  | 93   | 224804   | 33.356 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 9.987  | 162  | 191622   | 32.457 | ng/u1  | 95       |
| 30) Naphthalene               | 10.363 | 128  | 529322   | 31.772 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.487 | 127  | 150486   | 21.844 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.628 | 225  | 164437   | 30.782 | ng/u1  | 99       |
| 34) Caprolactam               | 11.269 | 113  | 55049m   | 31.348 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.616 | 107  | 203691   | 32.071 | ng/u1  | 95       |
| 36) 2-Methylnaphthalene       | 11.975 | 142  | 389219   | 30.945 | ng/u1  | 99       |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS090

Manual Integrations  
 APPROVED

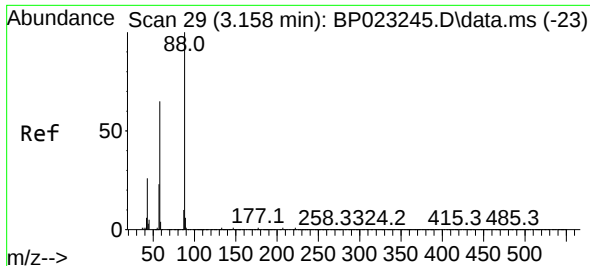
Reviewed By :Yogesh Patel 11/22/2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.192 | 142  | 392999   | 30.565 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.351 | 216  | 298844   | 33.117 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.310 | 237  | 115387   | 24.344 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.604 | 196  | 173789   | 31.627 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.692 | 196  | 193042   | 32.587 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 12.998 | 154  | 573089   | 33.460 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.040 | 162  | 472786   | 33.768 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.269 | 65   | 136940   | 34.833 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 13.634 | 163  | 625233   | 32.909 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.775 | 165  | 126970   | 34.357 | ng/ul  | 99       |
| 50) Acenaphthylene            | 13.904 | 152  | 700928   | 34.496 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.122 | 138  | 109630   | 34.441 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.251 | 153  | 485392   | 32.904 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.339 | 184  | 75591    | 28.826 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.463 | 109  | 96617    | 28.524 | ng/ul  | 98       |
| 56) Dibenzofuran              | 14.592 | 168  | 752876   | 33.033 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.586 | 165  | 207712   | 35.264 | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.839 | 232  | 174527   | 30.140 | ng/ul  | 94       |
| 59) Diethylphthalate          | 15.028 | 149  | 625630   | 33.296 | ng/ul  | 98       |
| 61) Fluorene                  | 15.257 | 166  | 609063   | 32.649 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.251 | 204  | 359537   | 32.733 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.304 | 138  | 115008   | 38.829 | ng/ul  | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.363 | 198  | 135509   | 32.133 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.475 | 169  | 523515   | 34.378 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.163 | 248  | 249994   | 33.500 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.286 | 284  | 314003   | 33.424 | ng/ul  | 97       |
| 70) Atrazine                  | 16.451 | 200  | 92792    | 12.606 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.657 | 266  | 159288   | 27.310 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.039 | 178  | 1060859  | 34.095 | ng/ul  | 99       |
| 74) Anthracene                | 17.128 | 178  | 1039253  | 33.220 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 12.963 | 216  | 297012   | 34.135 | ng/uL  | 95       |
| 76) Pentachlorobenzene        | 14.516 | 250  | 326000   | 32.813 | ng/uL  | 96       |
| 77) Carbazole                 | 17.428 | 167  | 940784   | 34.469 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.004 | 149  | 1067327  | 35.240 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.139 | 202  | 1412089  | 34.919 | ng/ul  | 99       |
| 82) Pyrene                    | 19.510 | 202  | 1481564  | 34.104 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.469 | 149  | 520928   | 36.421 | ng/ul  | 94       |
| 84) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 540912   | 31.621 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 1565241  | 33.637 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 750568   | 36.928 | ng/ul  | 98       |
| 87) Chrysene                  | 21.480 | 228  | 1465862  | 33.479 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.563 | 149  | 1257331  | 35.073 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.633 | 252  | 1726750  | 35.108 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.698 | 252  | 1685040  | 34.802 | ng/ul# | 99       |
| 93) Benzo(a)pyrene            | 24.504 | 252  | 1485252  | 33.406 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.298 | 276  | 2002036  | 32.320 | ng/ul  | 100      |
| 95) Dibenzo(a,h)anthracene    | 28.356 | 278  | 1609858  | 32.008 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.421 | 276  | 1519078  | 32.287 | ng/ul  | 98       |

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





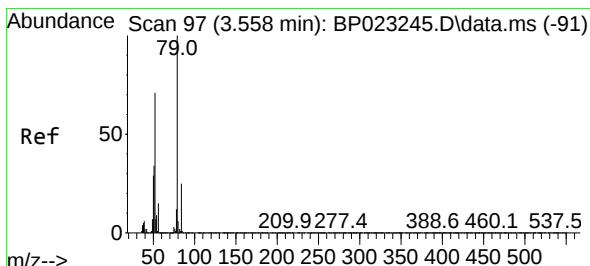
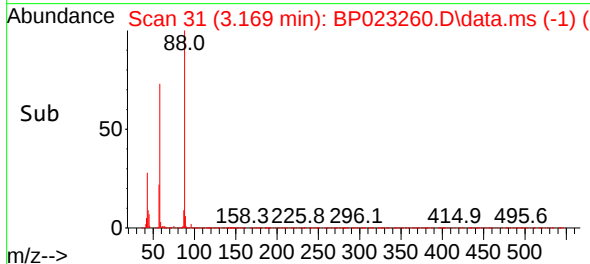
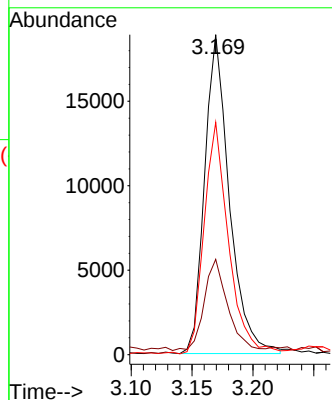
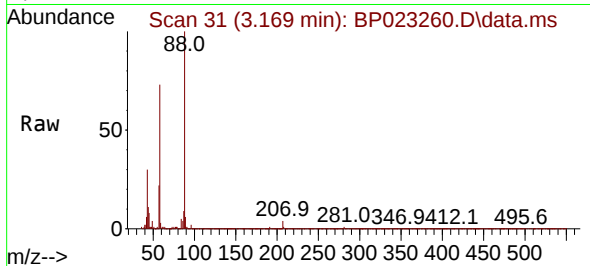
#2  
1,4-Dioxane  
Concen: 11.466 ng/uL  
RT: 3.169 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.8  | 24.2  | 36.4  |
| 58      | 72.6  | 59.2  | 88.8  |

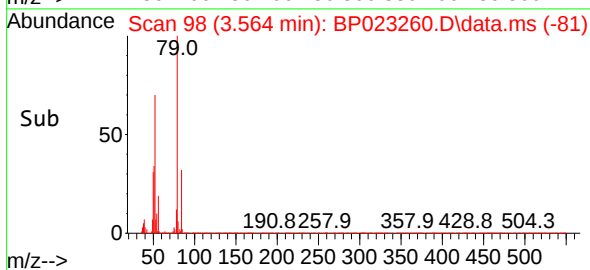
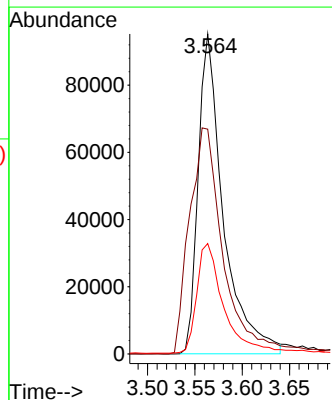
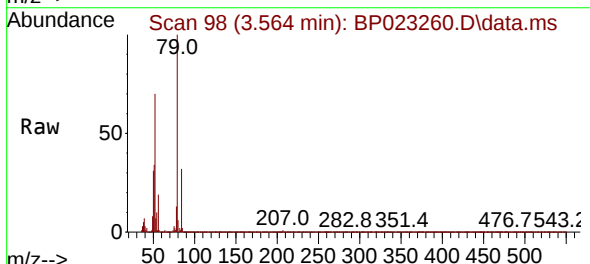
Manual Integrations  
APPROVED

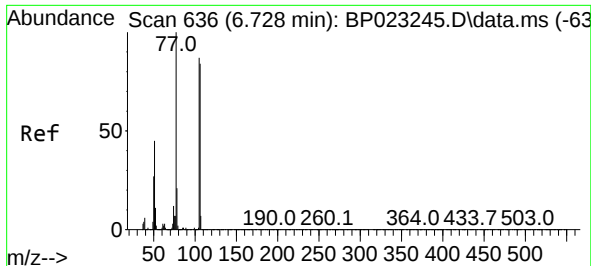
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#5  
Pyridine  
Concen: 29.270 ng/uL  
RT: 3.564 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 70.2  | 59.5  | 89.3  |
| 51      | 34.5  | 30.4  | 45.6  |





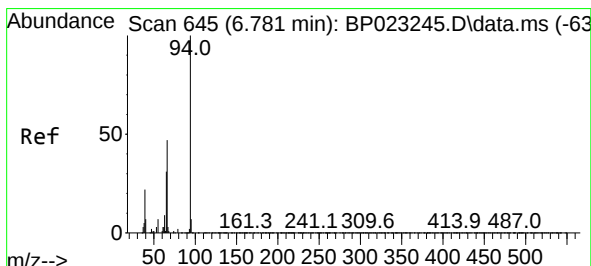
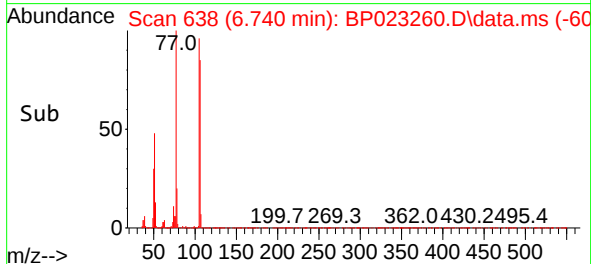
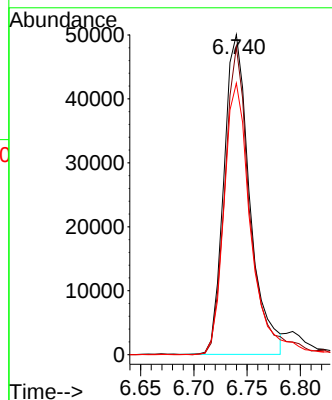
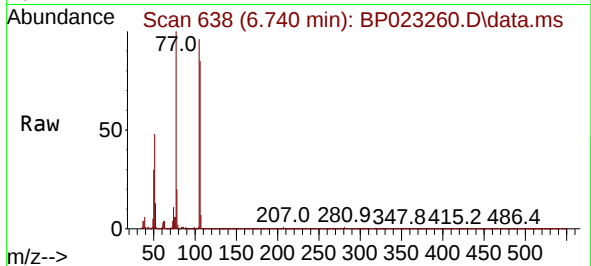
#6  
Benzaldehyde  
Concen: 20.542 ng/ul  
RT: 6.740 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion: 77 Resp: 8446  
Ion Ratio Lower Upper  
77 100  
105 96.2 72.5 108.7  
106 84.8 65.5 98.3

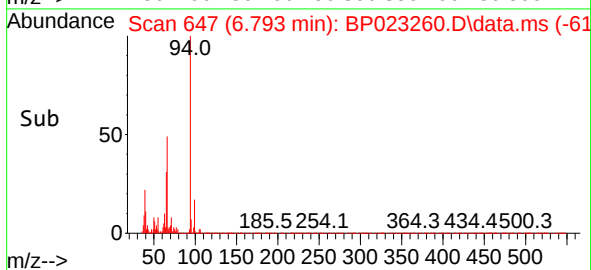
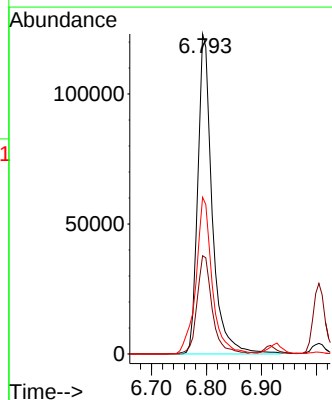
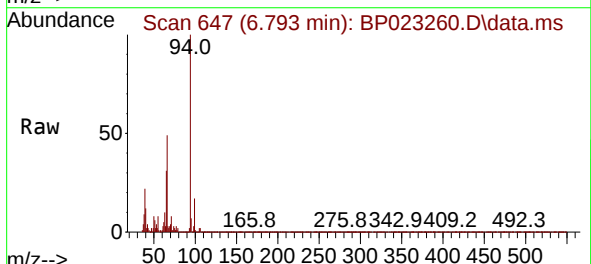
Manual Integrations  
APPROVED

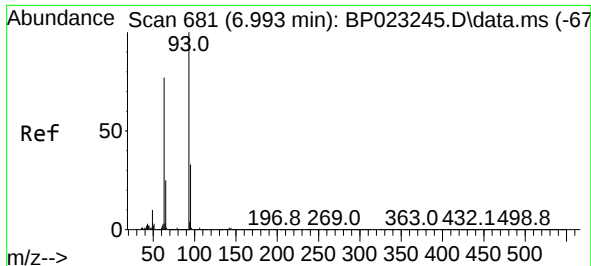
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#8  
Phenol  
Concen: 30.018 ng/ul  
RT: 6.793 min Scan# 647  
Delta R.T. -0.012 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion: 94 Resp: 223965  
Ion Ratio Lower Upper  
94 100  
65 30.7 26.2 39.4  
66 49.0 40.2 60.4





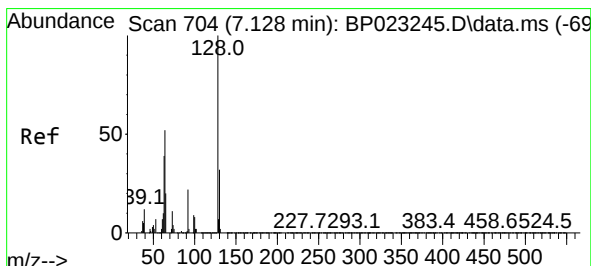
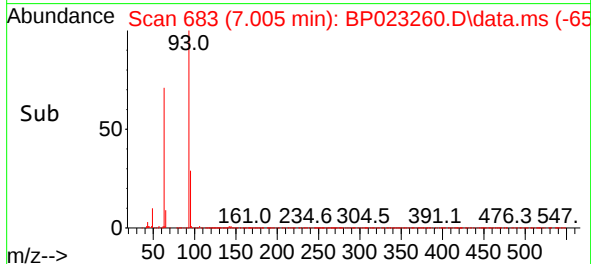
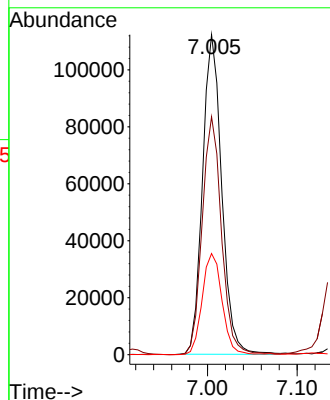
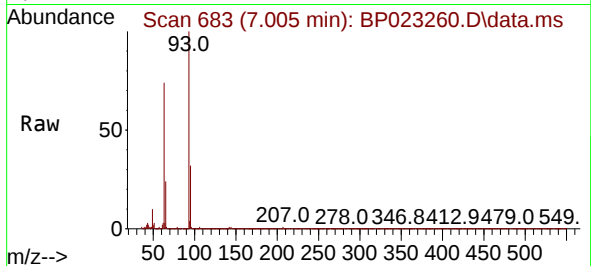
#10  
Bis(2-Chloroethyl)ether  
Concen: 29.682 ng/ul  
RT: 7.005 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

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ClientSampleId :  
SLCS090

Tgt Ion: 93 Resp: 166418  
Ion Ratio Lower Upper  
93 100  
63 74.4 60.6 91.0  
95 31.6 29.0 43.4

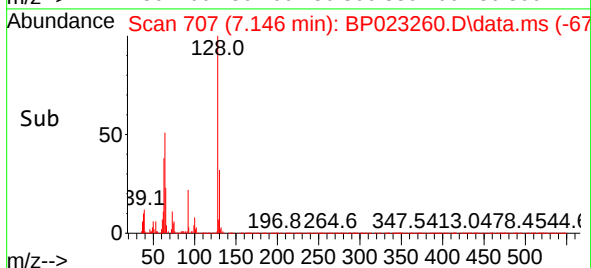
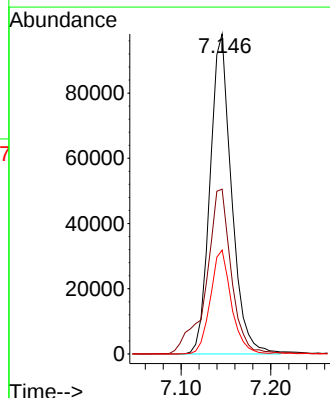
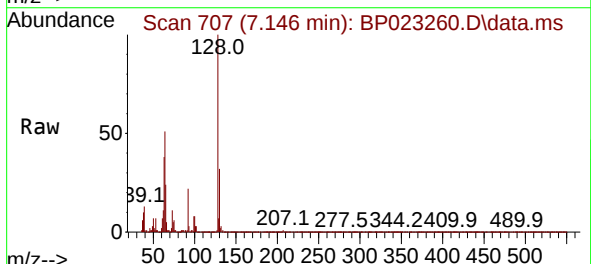
Manual Integrations  
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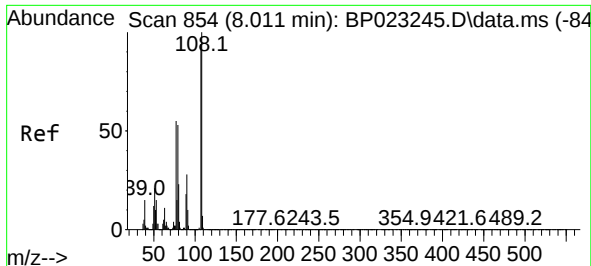
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#12  
2-Chlorophenol  
Concen: 30.030 ng/ul  
RT: 7.146 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:128 Resp: 163145  
Ion Ratio Lower Upper  
128 100  
64 51.5 39.0 58.6  
130 32.4 26.4 39.6





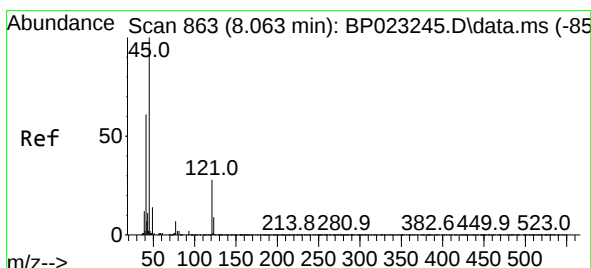
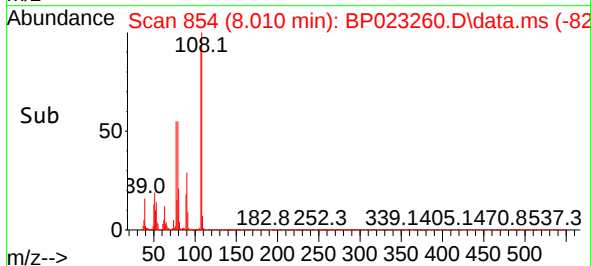
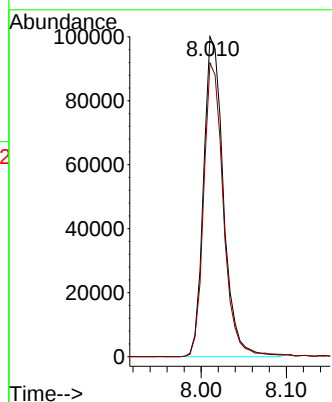
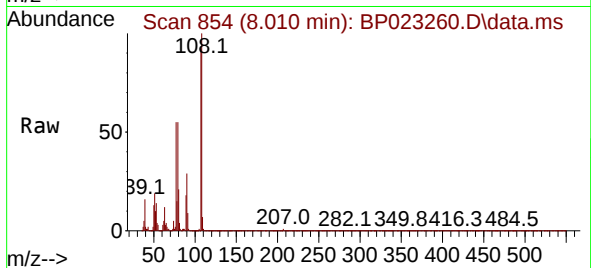
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2-Methylphenol  
Concen: 29.067 ng/ul  
RT: 8.010 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:108 Resp: 16188  
Ion Ratio Lower Upper  
108 100  
107 91.8 73.3 109.9

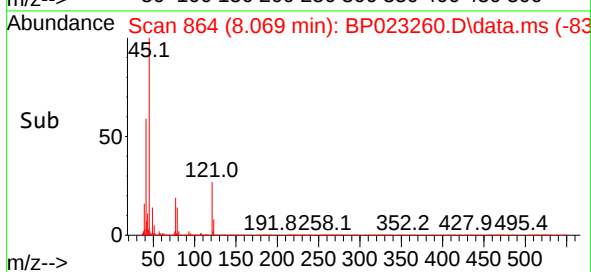
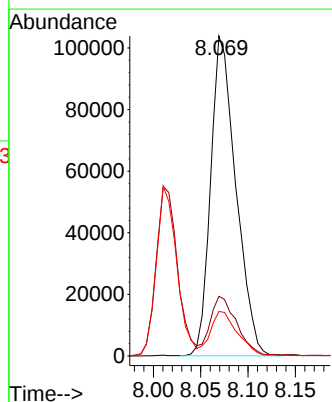
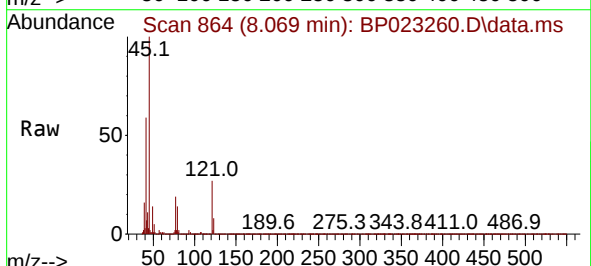
Manual Integrations  
APPROVED

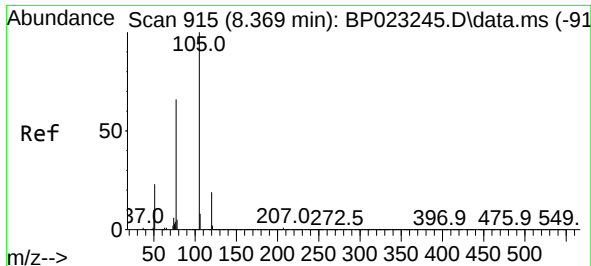
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.356 ng/ul  
RT: 8.069 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion: 45 Resp: 192669  
Ion Ratio Lower Upper  
45 100  
77 18.7 18.2 27.2  
79 13.9 11.7 17.5





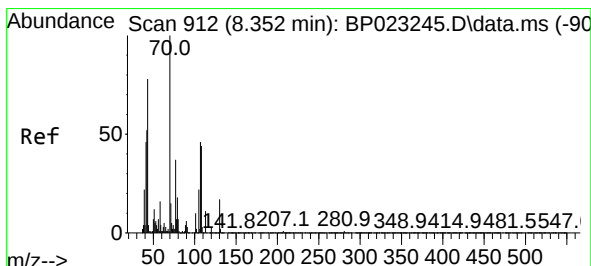
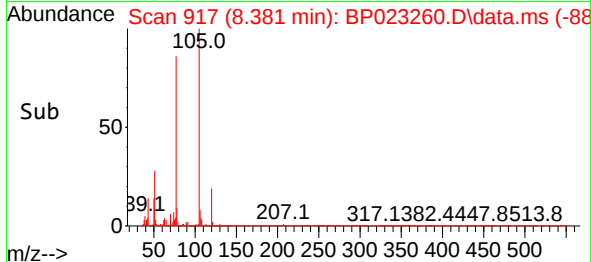
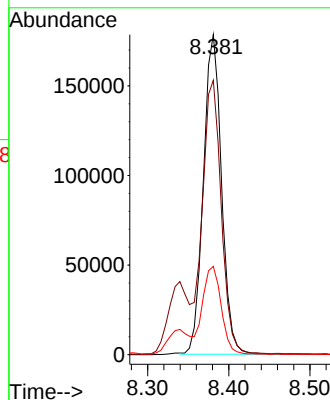
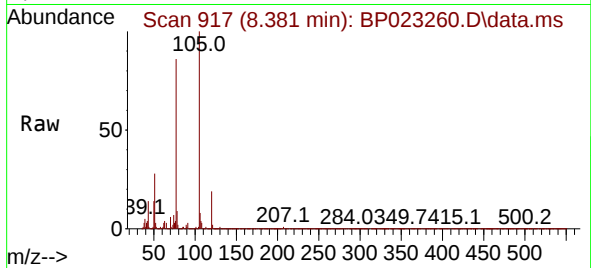
#16  
Acetophenone  
Concen: 28.037 ng/ul  
RT: 8.381 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:105 Resp: 277000  
Ion Ratio Lower Upper  
105 100  
77 85.7 69.4 104.0  
51 27.6 23.2 34.8

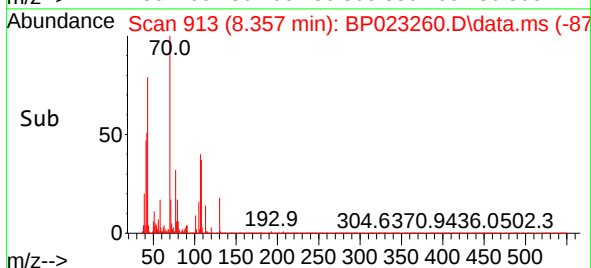
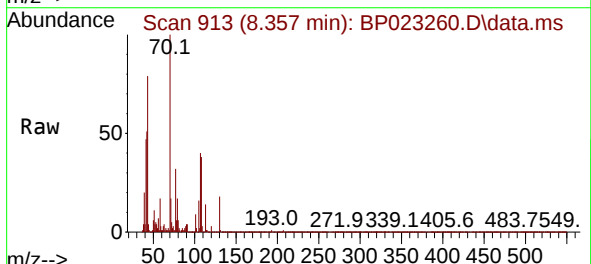
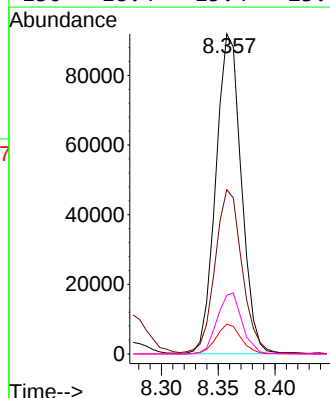
Manual Integrations  
APPROVED

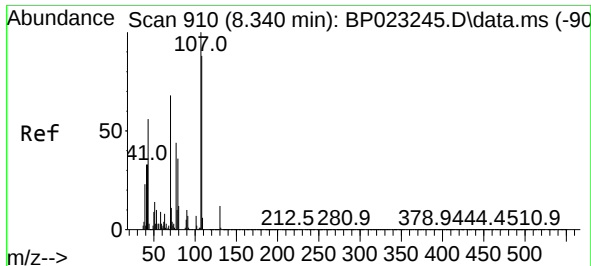
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 29.115 ng/ul  
RT: 8.357 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

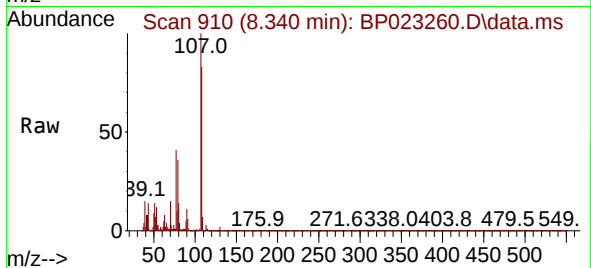
Tgt Ion: 70 Resp: 143632  
Ion Ratio Lower Upper  
70 100  
42 51.3 42.3 63.5  
101 9.3 7.4 11.2  
130 18.4 15.4 23.0





#18  
4-Methylphenol  
Concen: 28.107 ng/ul  
RT: 8.340 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

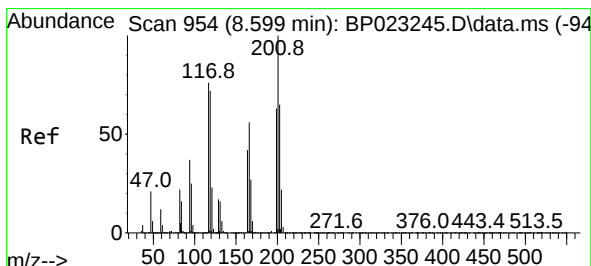
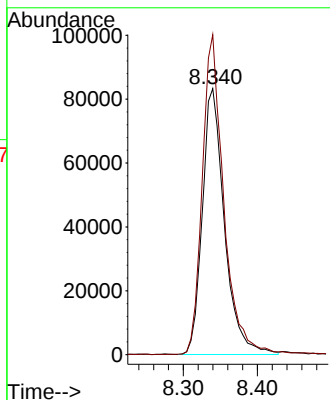
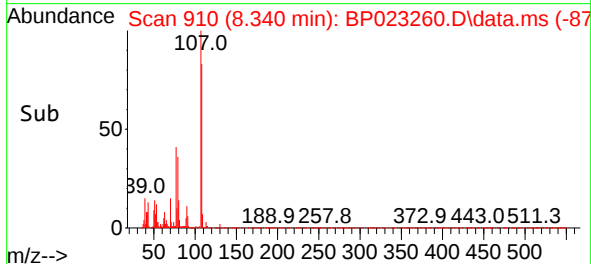
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:108 Resp: 172900  
Ion Ratio Lower Upper  
108 100  
107 120.2 91.5 137.3

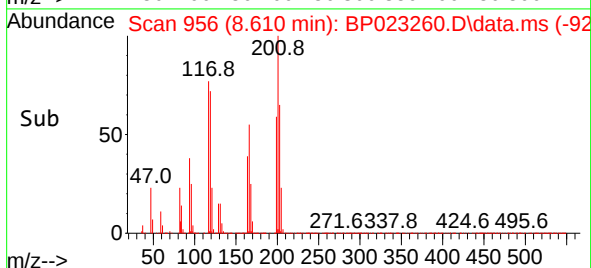
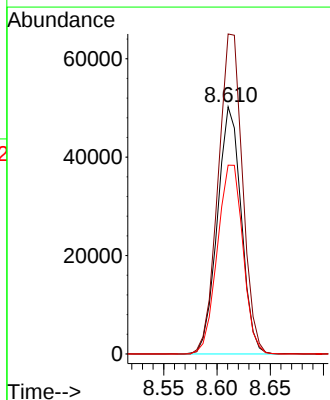
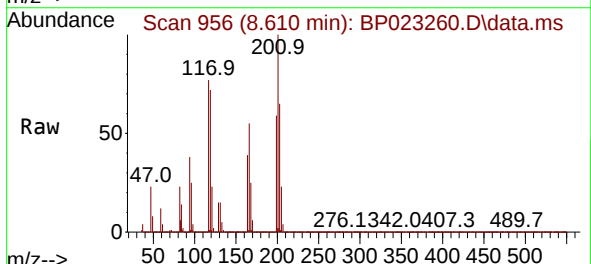
Manual Integrations  
APPROVED

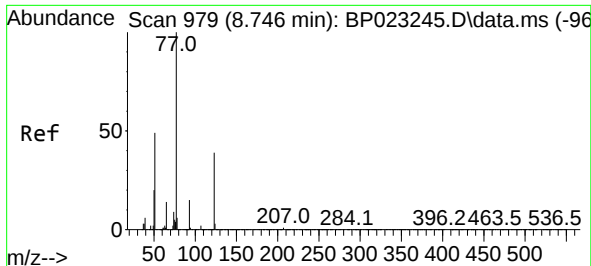
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#19  
Hexachloroethane  
Concen: 29.740 ng/ul  
RT: 8.610 min Scan# 956  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

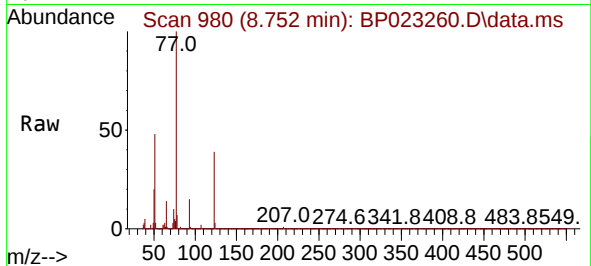
Tgt Ion:117 Resp: 78140  
Ion Ratio Lower Upper  
117 100  
201 129.5 105.0 157.6  
199 76.4 65.9 98.9





#22  
Nitrobenzene  
Concen: 33.196 ng/ul  
RT: 8.752 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

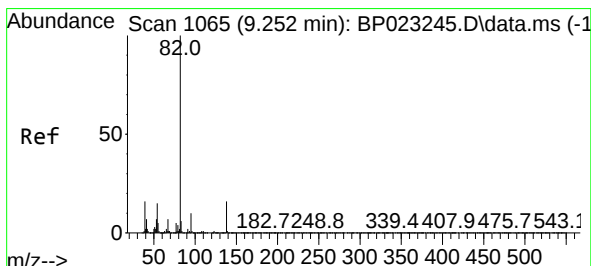
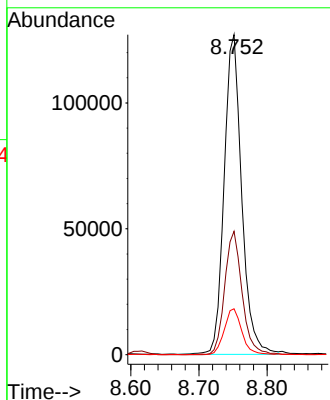
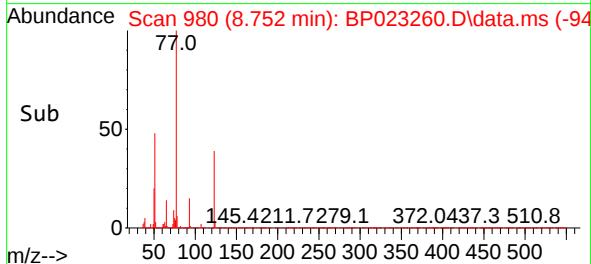
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



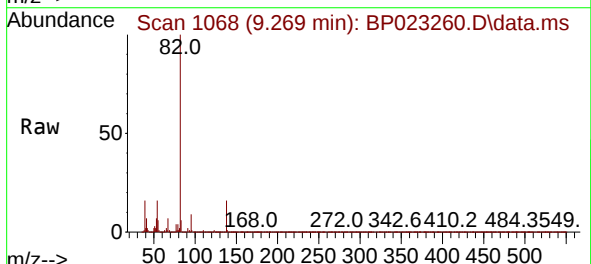
Tgt Ion: 77 Resp: 227404  
Ion Ratio Lower Upper  
77 100  
123 38.6 32.2 48.4  
65 14.4 10.9 16.3

Manual Integrations  
APPROVED

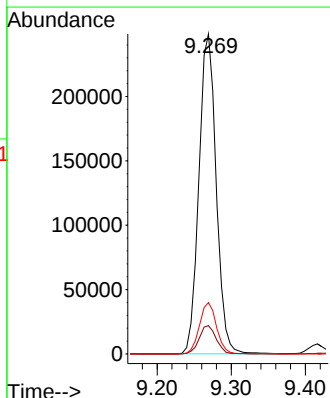
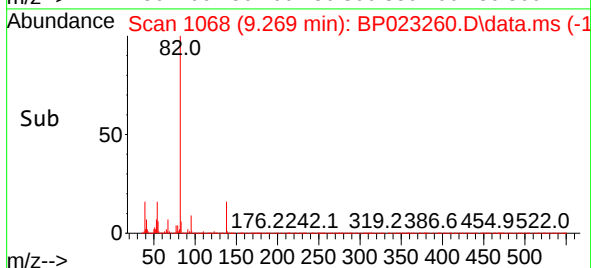
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024

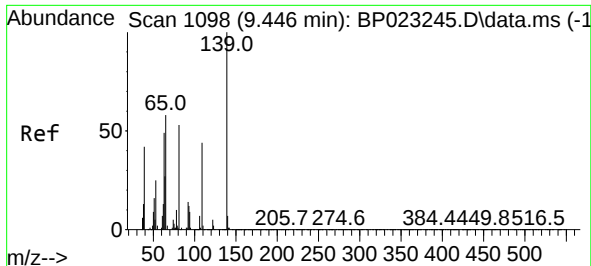


#23  
Isophorone  
Concen: 32.843 ng/ul  
RT: 9.269 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06



Tgt Ion: 82 Resp: 402293  
Ion Ratio Lower Upper  
82 100  
95 8.9 7.6 11.4  
138 16.1 13.4 20.2





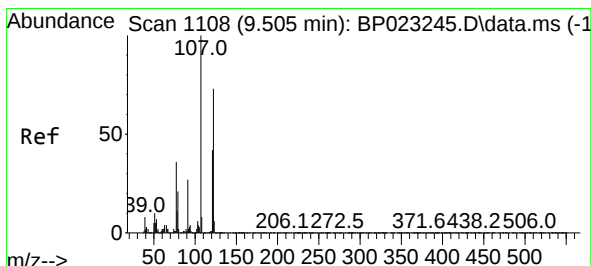
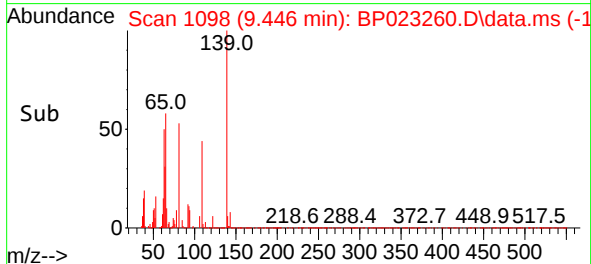
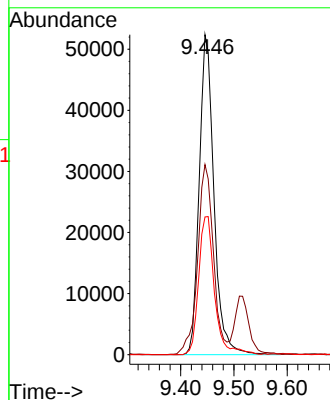
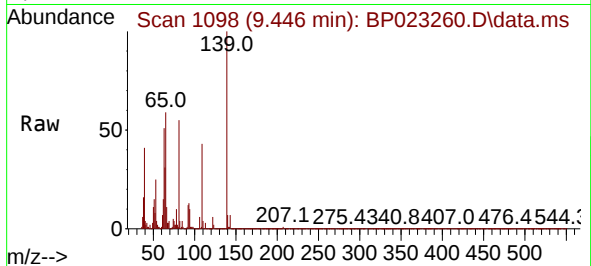
#25  
2-Nitrophenol  
Concen: 33.416 ng/ul  
RT: 9.446 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:139 Resp: 100380  
Ion Ratio Lower Upper  
139 100  
65 59.4 52.8 79.2  
109 43.1 38.9 58.3

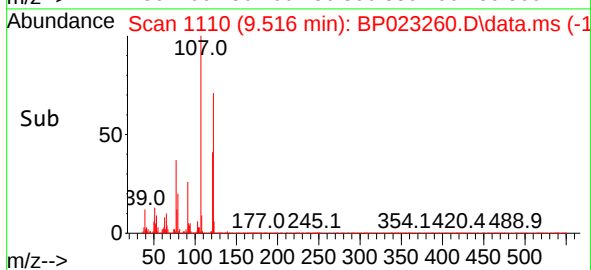
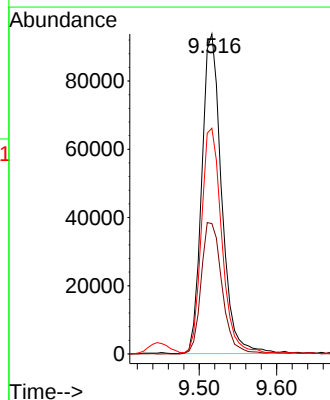
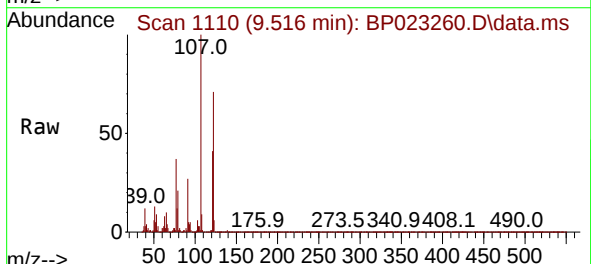
Manual Integrations  
APPROVED

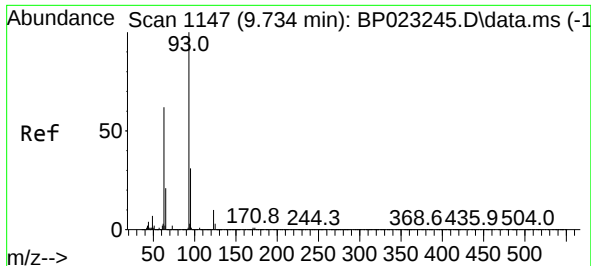
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#26  
2,4-Dimethylphenol  
Concen: 25.665 ng/ul  
RT: 9.516 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:107 Resp: 166489  
Ion Ratio Lower Upper  
107 100  
121 40.8 34.4 51.6  
122 70.6 56.7 85.1





#27

Bis(2-Chloroethoxy)methane

Concen: 33.356 ng/ul

RT: 9.734 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

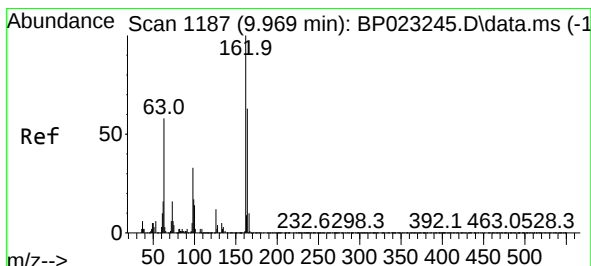
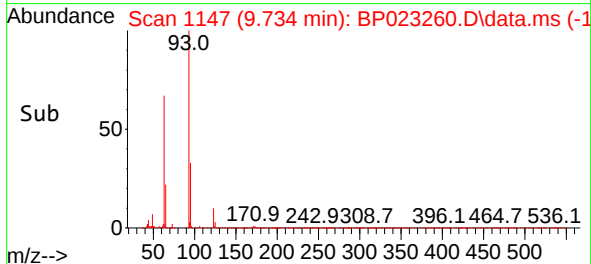
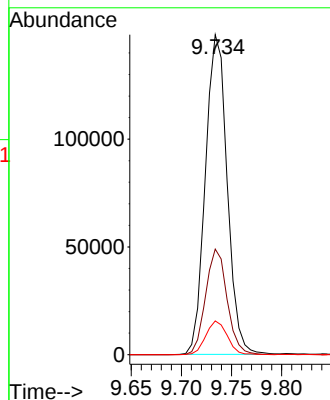
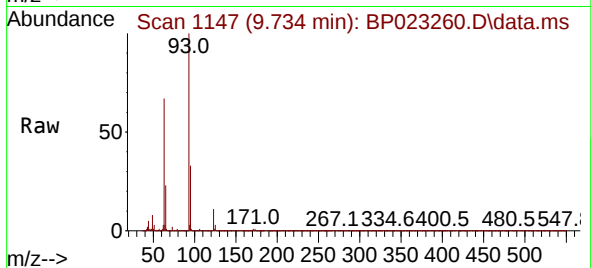
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 224804 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 33.0  | 27.0  | 40.6   |
| 123      | 10.6  | 8.2   | 12.4   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#29

2,4-Dichlorophenol

Concen: 32.457 ng/ul

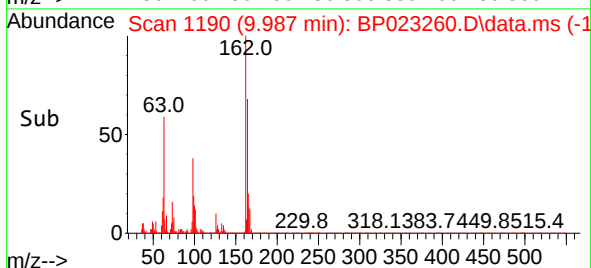
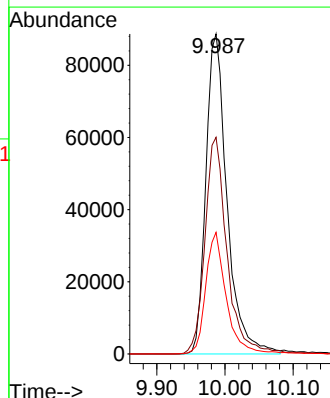
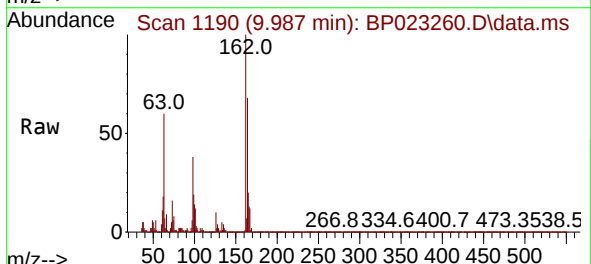
RT: 9.987 min Scan# 1190

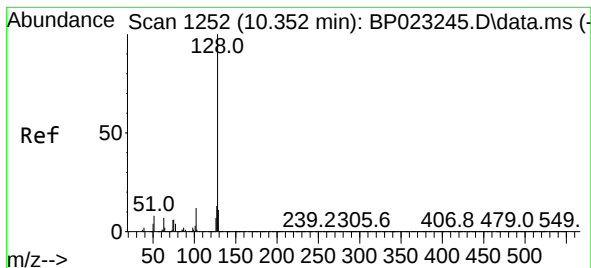
Delta R.T. -0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 191622 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 67.7  | 51.4  | 77.0   |
| 98       | 38.0  | 27.0  | 40.6   |





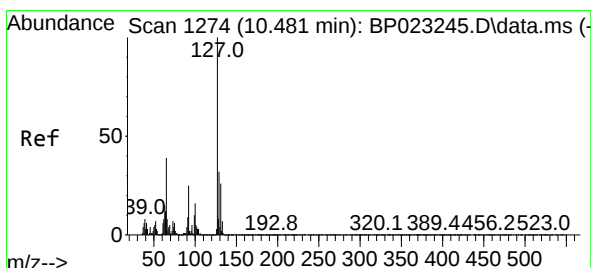
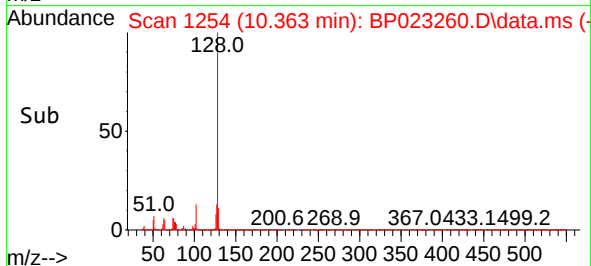
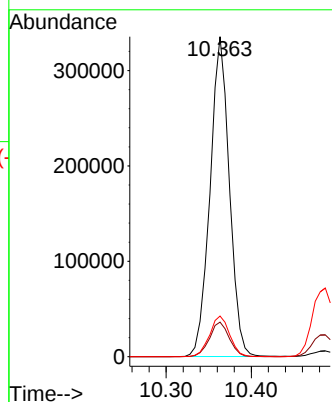
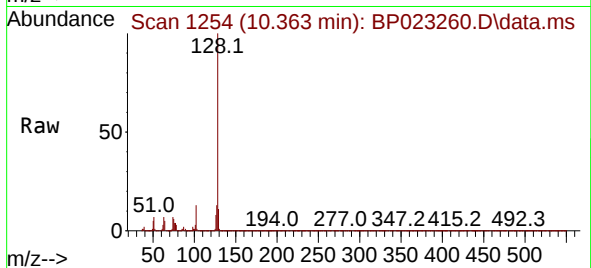
#30  
Naphthalene  
Concen: 31.772 ng/ul  
RT: 10.363 min Scan# 1254  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:128 Resp: 52932  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 12.7 10.2 15.2

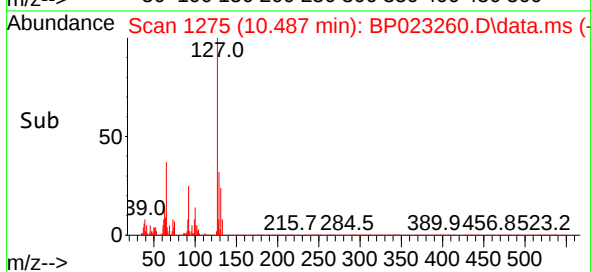
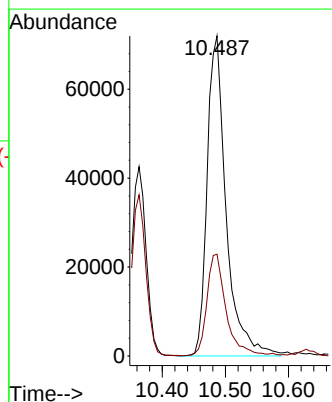
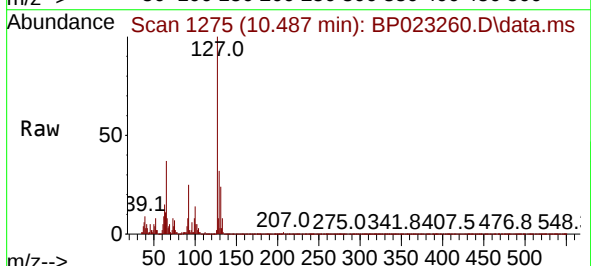
Manual Integrations  
APPROVED

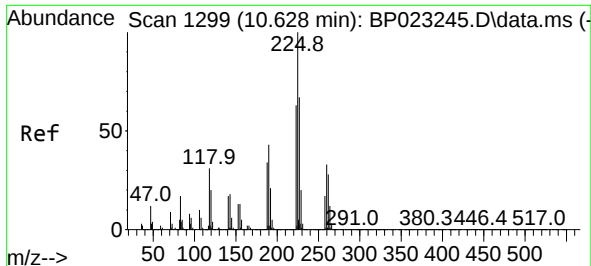
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#32  
4-Chloroaniline  
Concen: 21.844 ng/ul  
RT: 10.487 min Scan# 1275  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

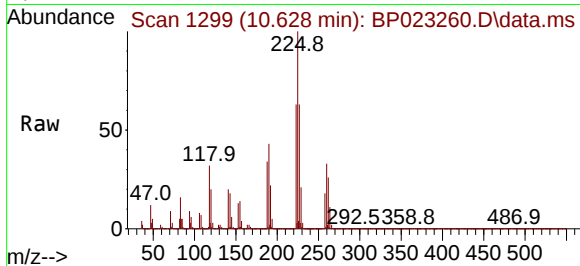
Tgt Ion:127 Resp: 150486  
Ion Ratio Lower Upper  
127 100  
129 31.8 26.4 39.6





#33  
Hexachlorobutadiene  
Concen: 30.782 ng/ul  
RT: 10.628 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

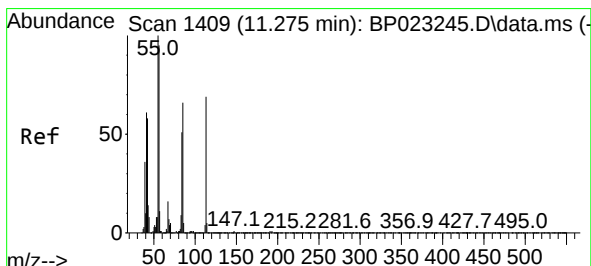
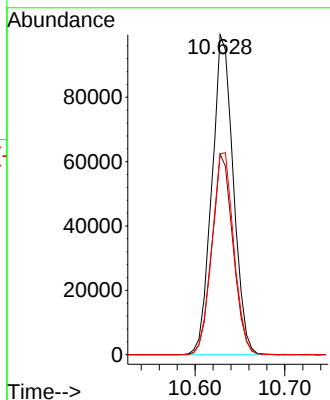
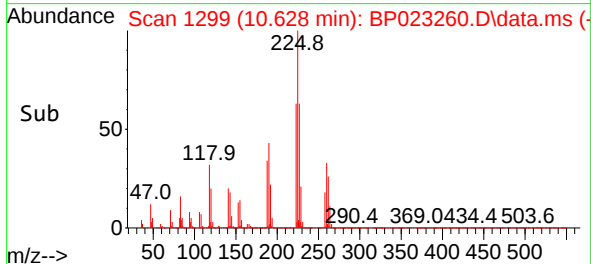
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:225 Resp: 16443  
Ion Ratio Lower Upper  
225 100  
223 62.7 49.7 74.5  
227 62.8 51.4 77.0

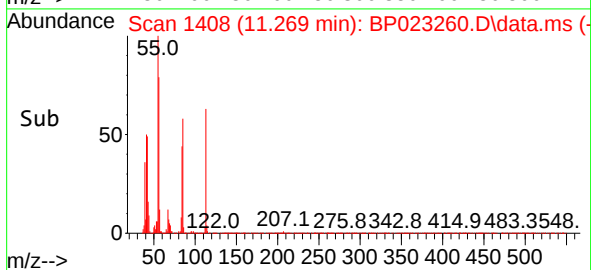
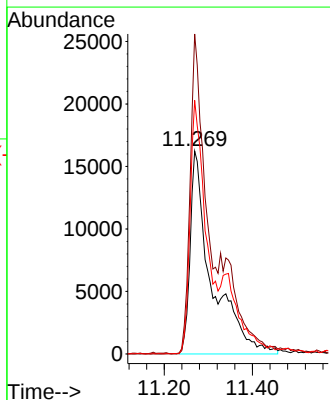
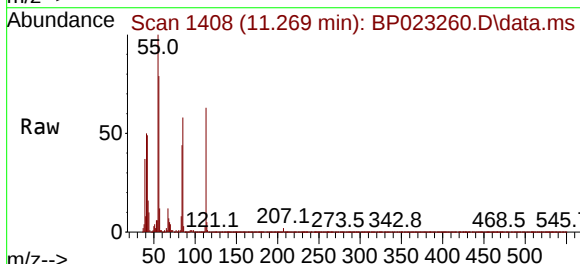
Manual Integrations  
APPROVED

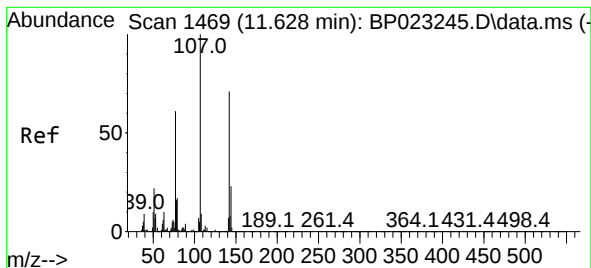
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#34  
Caprolactam  
Concen: 31.348 ng/ul m  
RT: 11.269 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

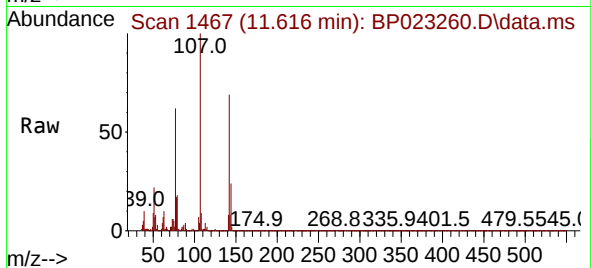
Tgt Ion:113 Resp: 55049  
Ion Ratio Lower Upper  
113 100  
55 157.7 123.0 184.6  
56 125.0 99.8 149.8





#35  
4-Chloro-3-methylphenol  
Concen: 32.071 ng/ul  
RT: 11.616 min Scan# 1469  
Delta R.T. -0.018 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

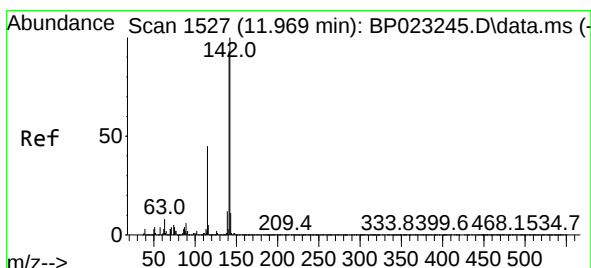
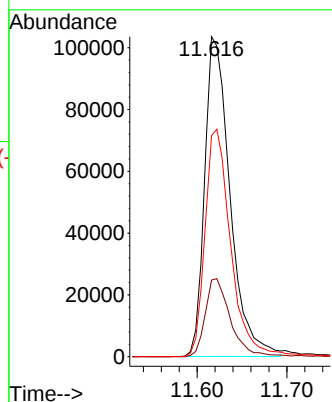
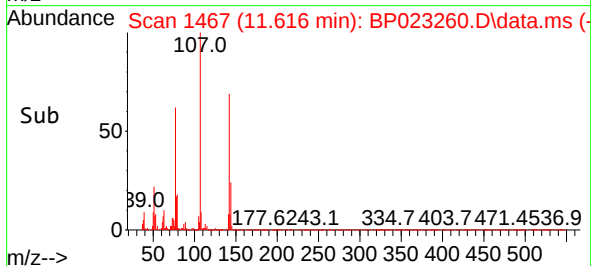
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:107 Resp: 20369  
Ion Ratio Lower Upper  
107 100  
144 23.9 18.8 28.2  
142 69.1 59.8 89.8

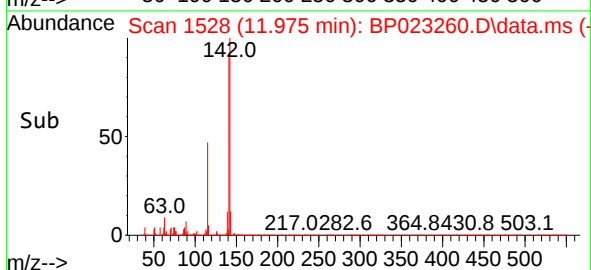
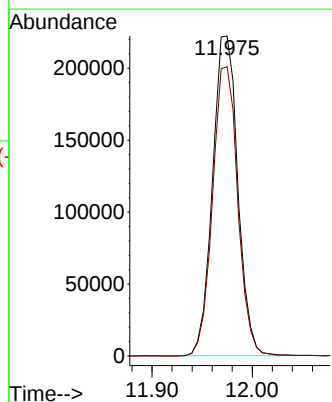
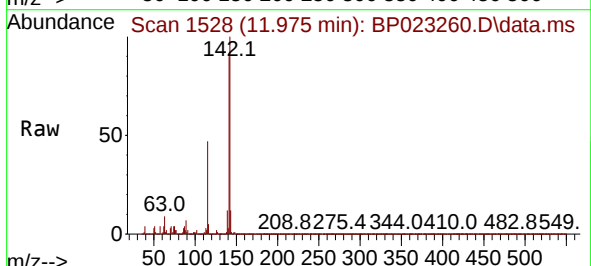
Manual Integrations  
APPROVED

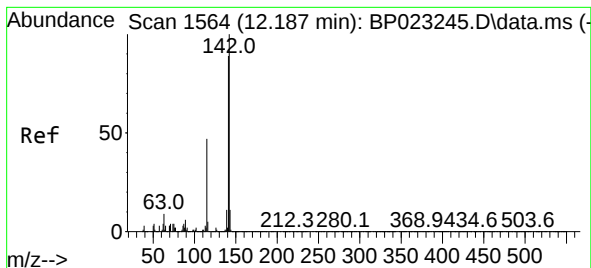
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#36  
2-Methylnaphthalene  
Concen: 30.945 ng/ul  
RT: 11.975 min Scan# 1528  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

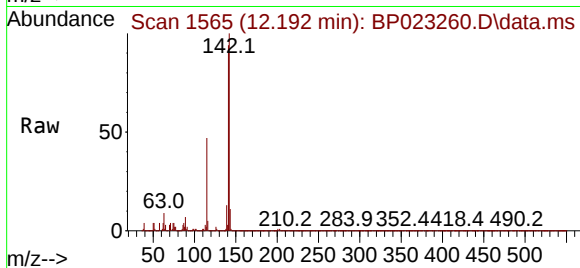
Tgt Ion:142 Resp: 389219  
Ion Ratio Lower Upper  
142 100  
141 90.4 73.1 109.7





#37  
1-Methylnaphthalene  
Concen: 30.565 ng/ul  
RT: 12.192 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

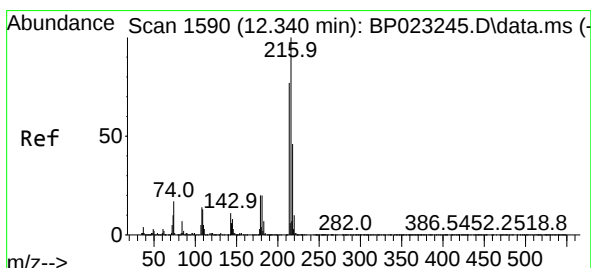
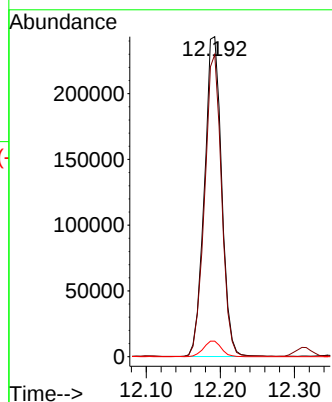
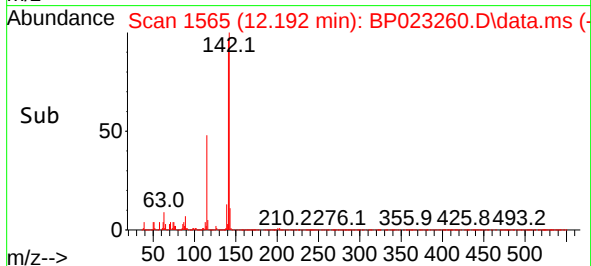
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:142 Resp: 392999  
Ion Ratio Lower Upper  
142 100  
141 94.5 73.8 110.8  
116 4.9 4.2 6.4

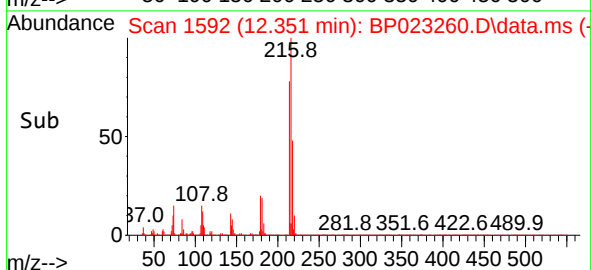
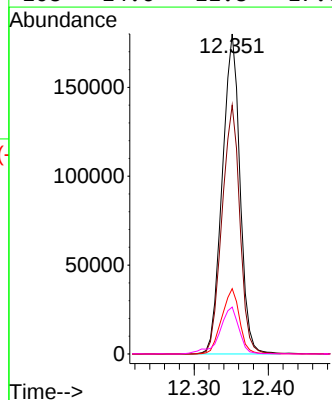
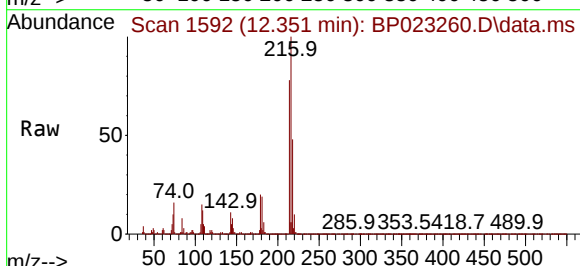
Manual Integrations  
APPROVED

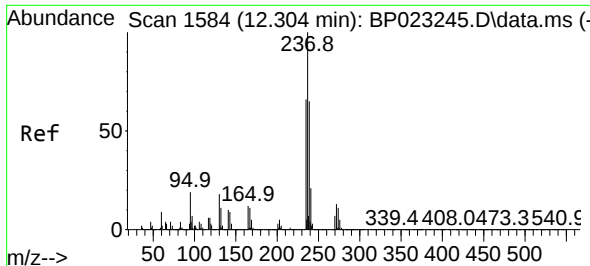
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 33.117 ng/ul  
RT: 12.351 min Scan# 1592  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:216 Resp: 298844  
Ion Ratio Lower Upper  
216 100  
214 77.7 59.4 89.2  
179 20.4 17.3 25.9  
108 14.6 11.8 17.6





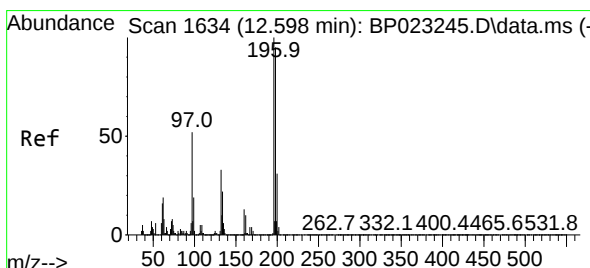
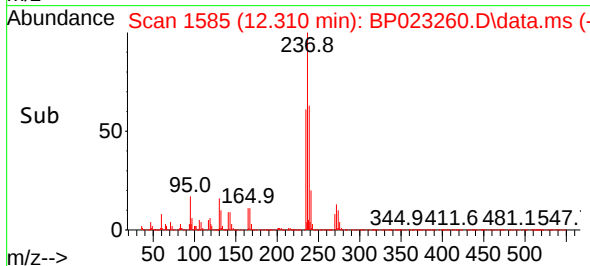
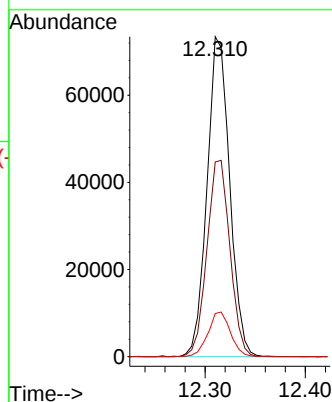
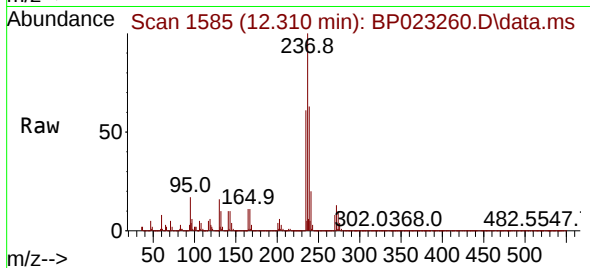
#40  
Hexachlorocyclopentadiene  
Concen: 24.344 ng/ul  
RT: 12.310 min Scan# 1585  
Delta R.T. -0.012 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:237 Resp: 11538  
Ion Ratio Lower Upper  
237 100  
235 60.9 48.6 73.0  
272 14.0 10.2 15.2

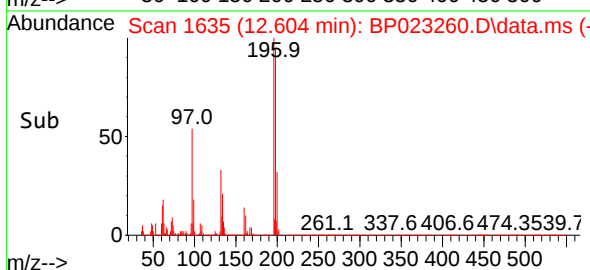
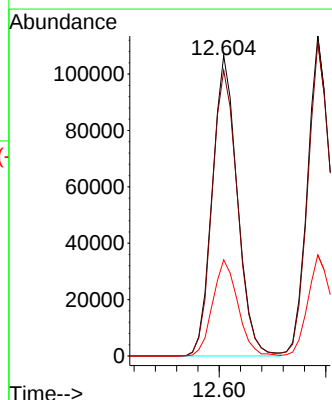
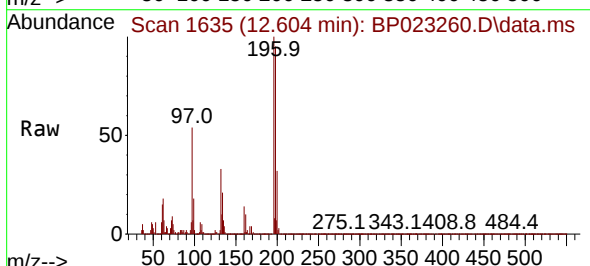
Manual Integrations  
APPROVED

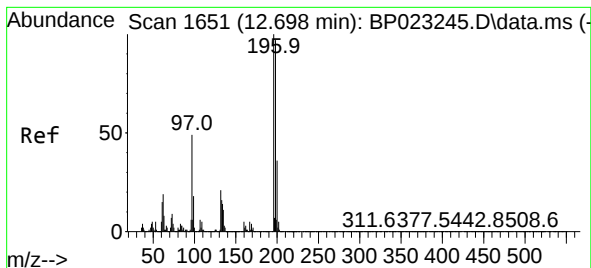
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#41  
2,4,6-Trichlorophenol  
Concen: 31.627 ng/ul  
RT: 12.604 min Scan# 1635  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

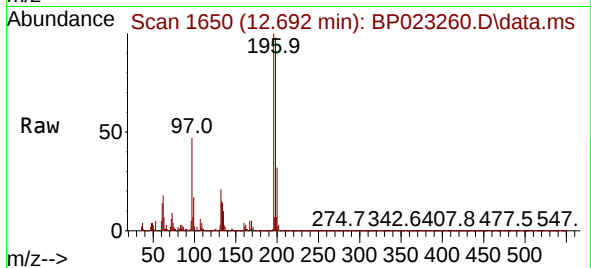
Tgt Ion:196 Resp: 173789  
Ion Ratio Lower Upper  
196 100  
198 95.0 80.5 120.7  
200 32.0 25.2 37.8





#42  
2,4,5-Trichlorophenol  
Concen: 32.587 ng/ul  
RT: 12.692 min Scan# 1650  
Delta R.T. -0.012 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

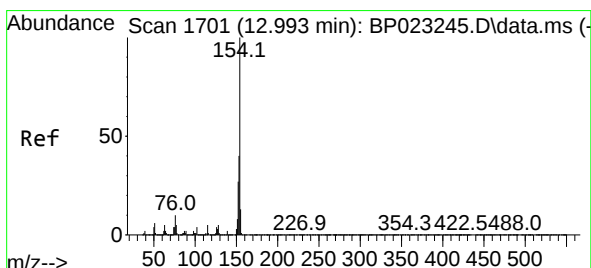
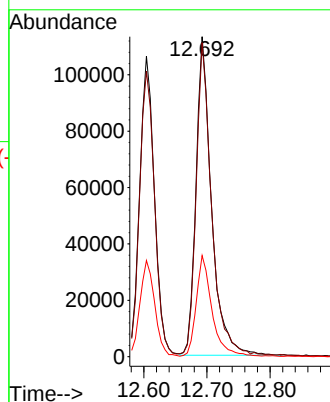
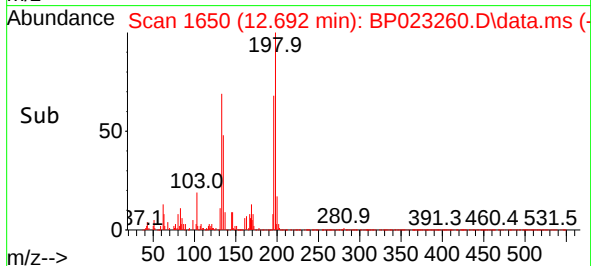
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:196 Resp: 19304  
Ion Ratio Lower Upper  
196 100  
198 98.2 79.6 119.4  
200 31.6 25.0 37.6

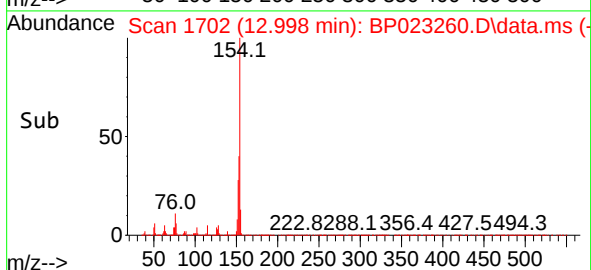
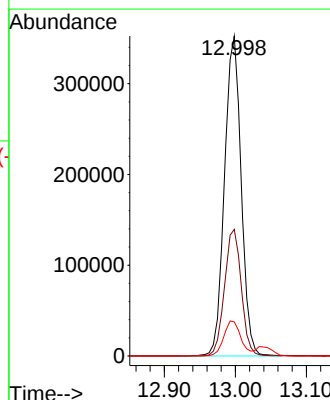
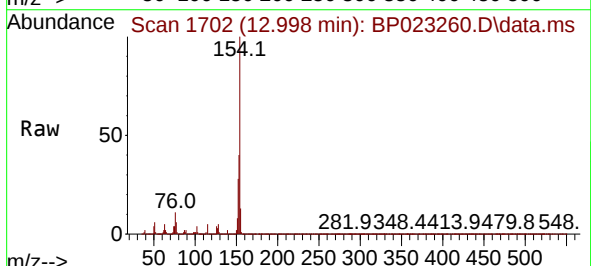
Manual Integrations  
APPROVED

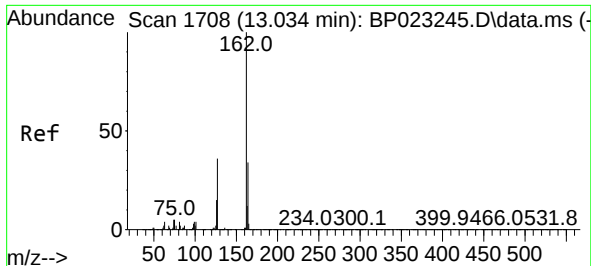
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#43  
1,1'-Biphenyl  
Concen: 33.460 ng/ul  
RT: 12.998 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

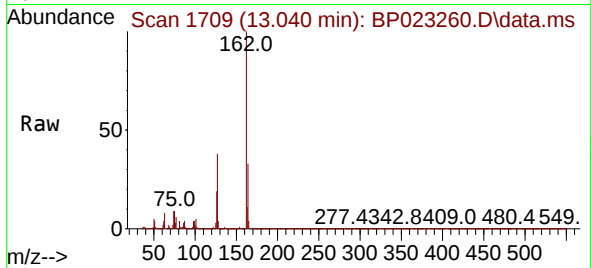
Tgt Ion:154 Resp: 573089  
Ion Ratio Lower Upper  
154 100  
153 39.5 32.0 48.0  
76 10.6 8.4 12.6





#44  
2-Chloronaphthalene  
Concen: 33.768 ng/ul  
RT: 13.040 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

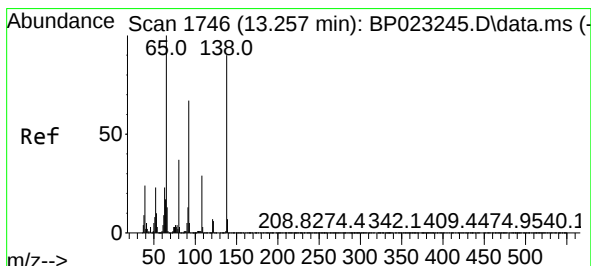
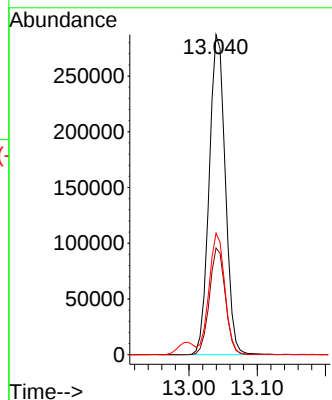
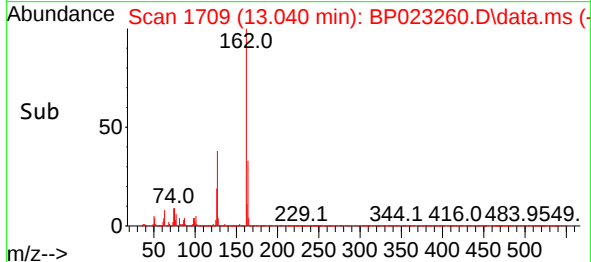
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



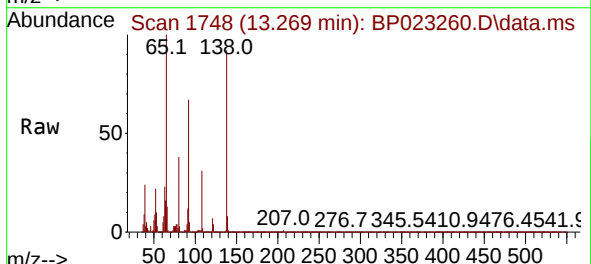
Tgt Ion:162 Resp: 472780  
Ion Ratio Lower Upper  
162 100  
164 33.4 26.6 40.0  
127 37.9 30.2 45.2

Manual Integrations  
APPROVED

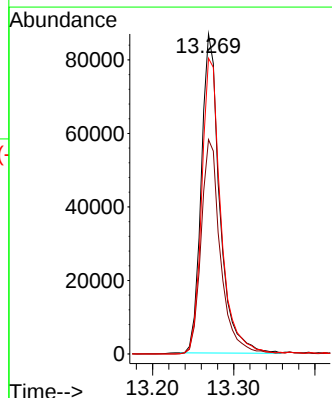
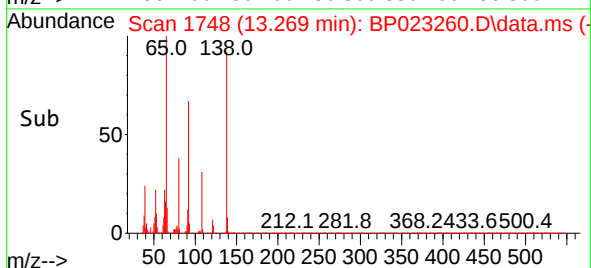
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024

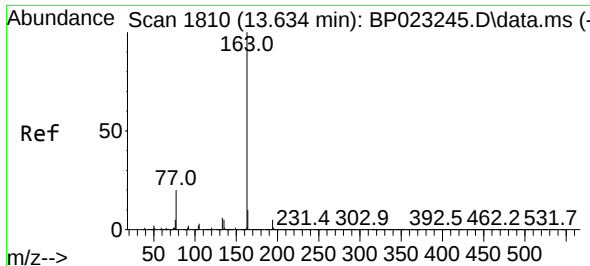


#45  
2-Nitroaniline  
Concen: 34.833 ng/ul  
RT: 13.269 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06



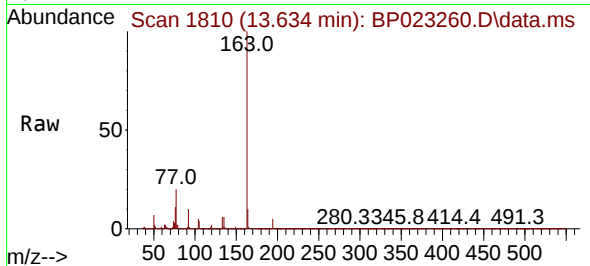
Tgt Ion: 65 Resp: 136940  
Ion Ratio Lower Upper  
65 100  
92 67.0 54.2 81.2  
138 92.4 65.1 97.7





#47  
Dimethylphthalate  
Concen: 32.909 ng/ul  
RT: 13.634 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

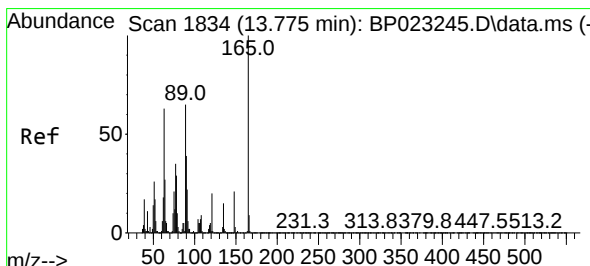
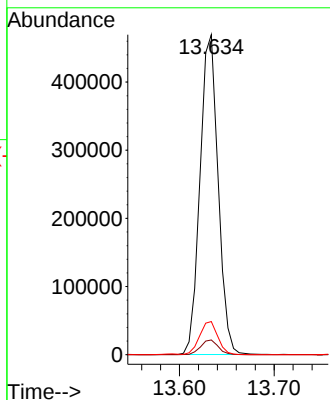
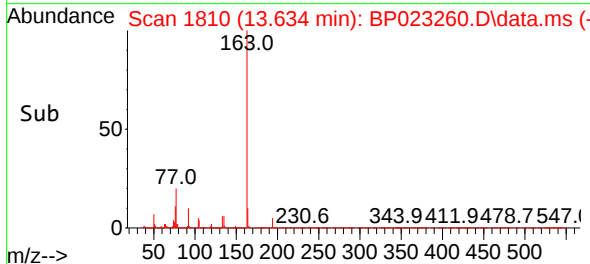
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



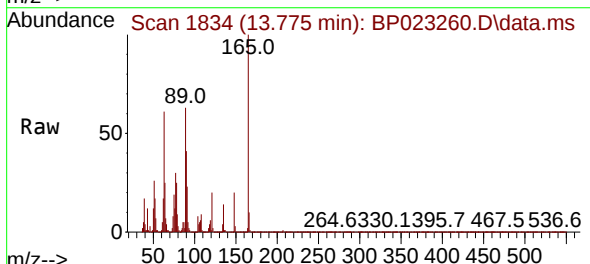
Tgt Ion:163 Resp: 62523  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.8 5.6  
164 10.4 8.2 12.4

Manual Integrations  
APPROVED

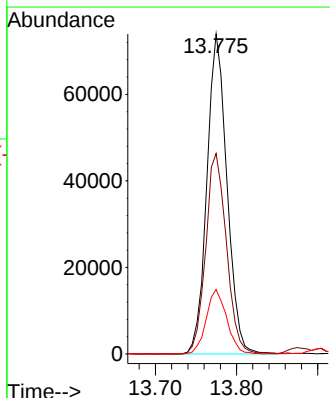
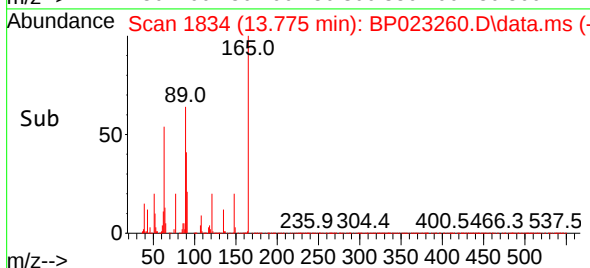
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024

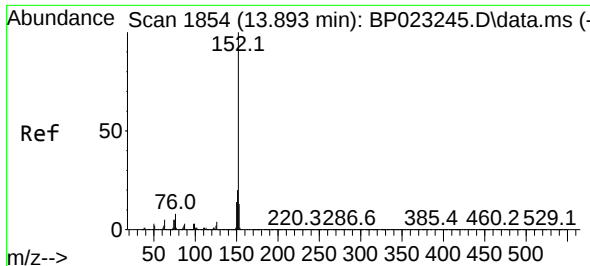


#48  
2,6-Dinitrotoluene  
Concen: 34.357 ng/ul  
RT: 13.775 min Scan# 1834  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06



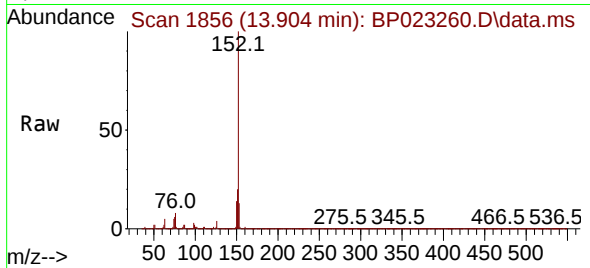
Tgt Ion:165 Resp: 126970  
Ion Ratio Lower Upper  
165 100  
89 62.6 50.6 75.8  
121 20.2 15.8 23.8





#50  
Acenaphthylene  
Concen: 34.496 ng/ul  
RT: 13.904 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

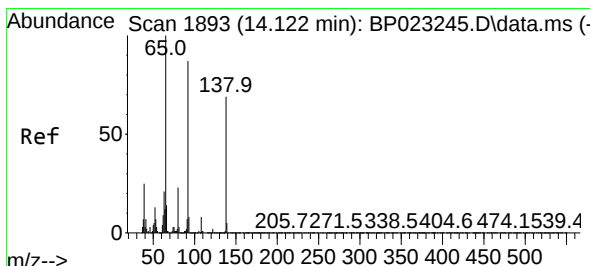
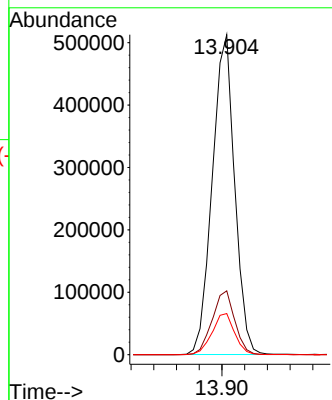
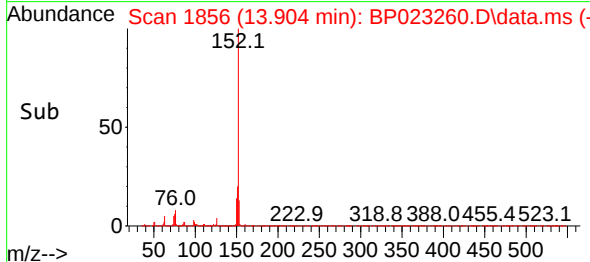
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



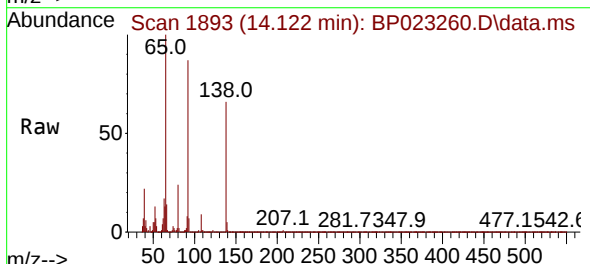
Tgt Ion:152 Resp: 700928  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 12.8 10.2 15.2

Manual Integrations  
APPROVED

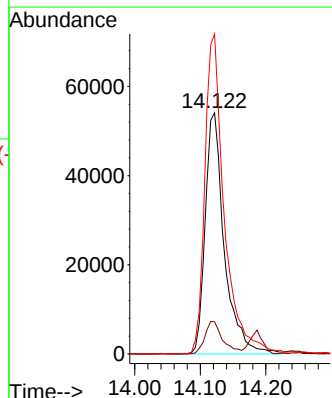
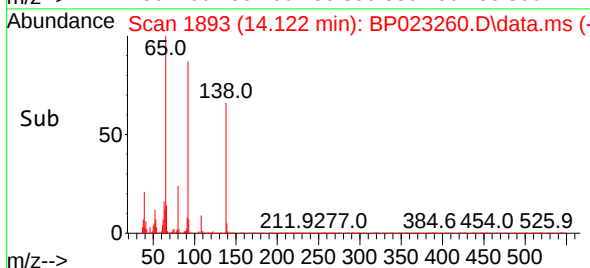
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024

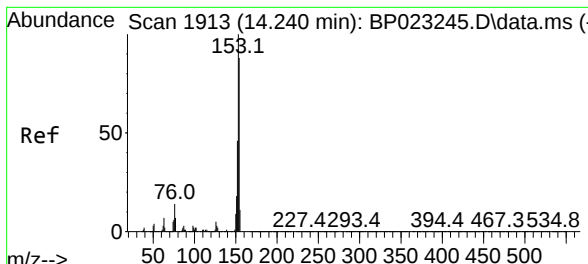


#51  
3-Nitroaniline  
Concen: 34.441 ng/ul  
RT: 14.122 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06



Tgt Ion:138 Resp: 109630  
Ion Ratio Lower Upper  
138 100  
108 13.3 12.7 19.1  
92 132.7 107.8 161.8





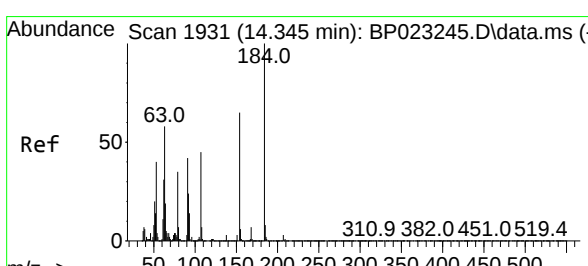
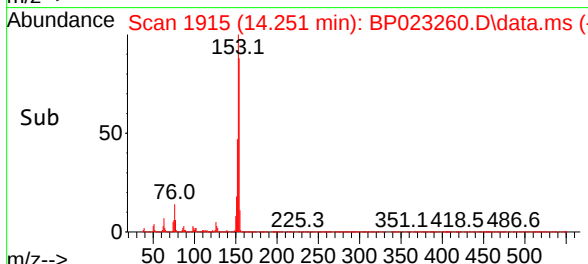
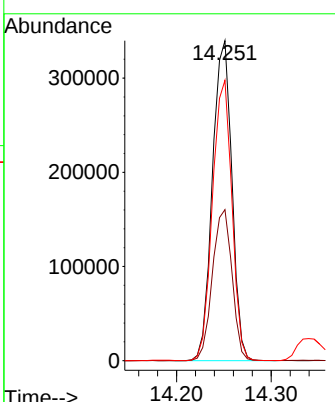
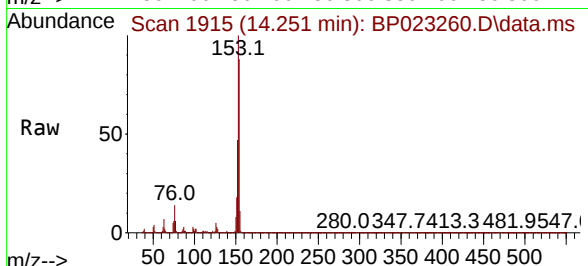
#52  
 Acenaphthene  
 Concen: 32.904 ng/ul  
 RT: 14.251 min Scan# 1915  
 Delta R.T. 0.006 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

Instrument : BNA\_P  
 ClientSampleId : SLCS090

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 153   | Resp: | 485392 |
| Ion Ratio | Lower | Upper |        |
| 153       | 100   |       |        |
| 152       | 47.2  | 39.6  | 59.4   |
| 154       | 87.6  | 70.9  | 106.3  |

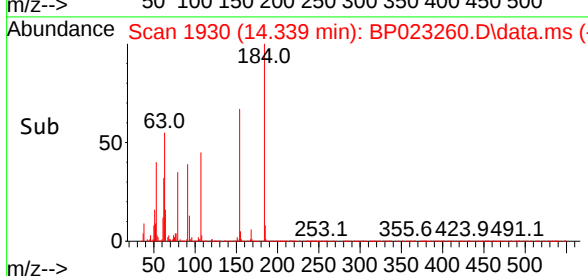
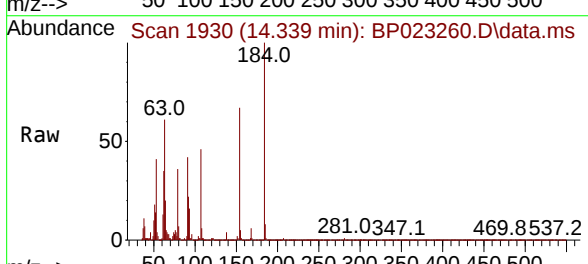
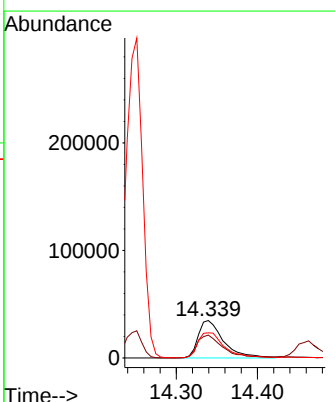
Manual Integrations  
 APPROVED

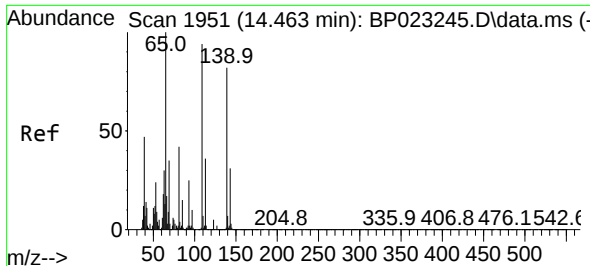
Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :mohammad ahmed 11/22/2024



#53  
 2,4-Dinitrophenol  
 Concen: 28.826 ng/ul  
 RT: 14.339 min Scan# 1930  
 Delta R.T. -0.012 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

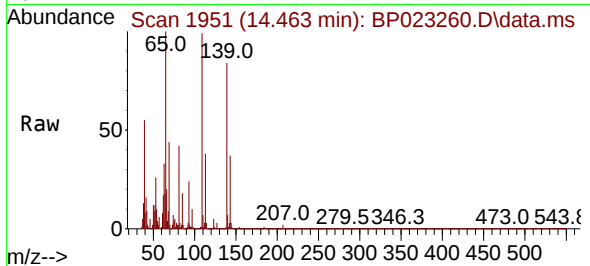
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 75591 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 63        | 61.2  | 50.1  | 75.1  |
| 154       | 67.2  | 58.2  | 87.4  |





#55  
4-Nitrophenol  
Concen: 28.524 ng/ul  
RT: 14.463 min Scan# 1951  
Delta R.T. -0.012 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

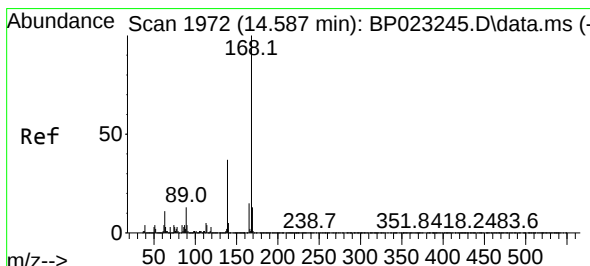
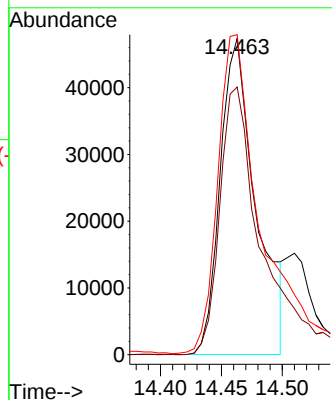
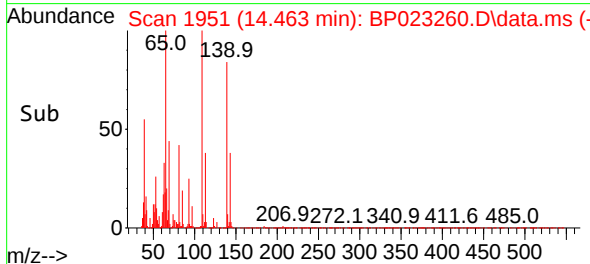
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:109 Resp: 9661  
Ion Ratio Lower Upper  
109 100  
139 84.6 64.6 96.8  
65 101.2 80.6 120.8

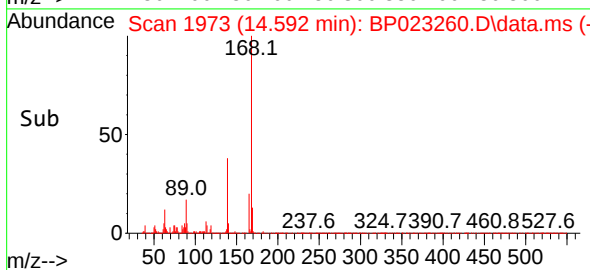
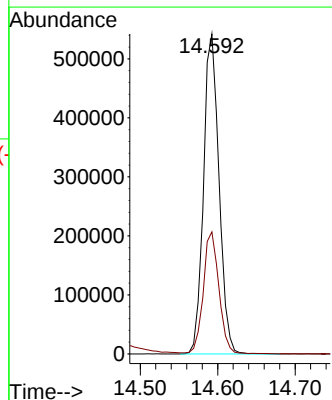
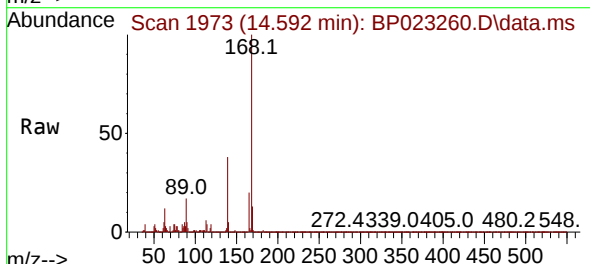
Manual Integrations  
APPROVED

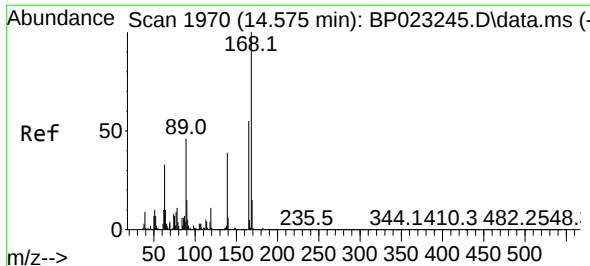
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#56  
Dibenzofuran  
Concen: 33.033 ng/ul  
RT: 14.592 min Scan# 1973  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:168 Resp: 752876  
Ion Ratio Lower Upper  
168 100  
139 38.2 29.7 44.5





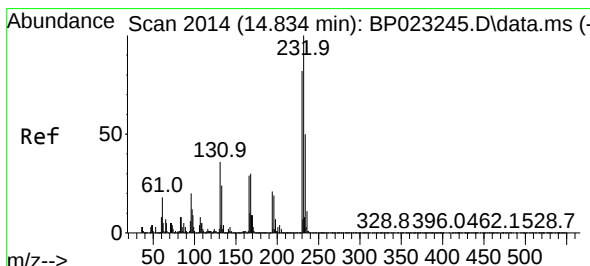
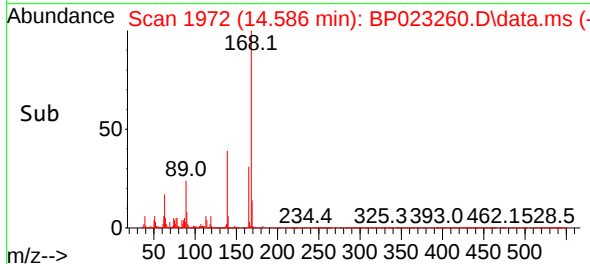
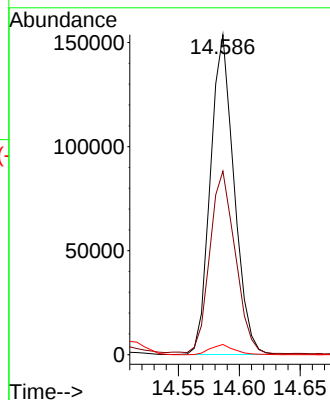
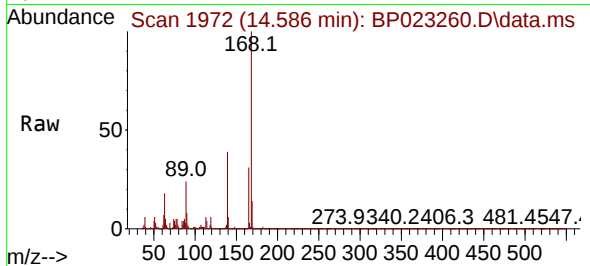
#57  
2,4-Dinitrotoluene  
Concen: 35.264 ng/ul  
RT: 14.586 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:165 Resp: 20771  
Ion Ratio Lower Upper  
165 100  
63 57.3 41.3 61.9  
182 3.2 2.5 3.7

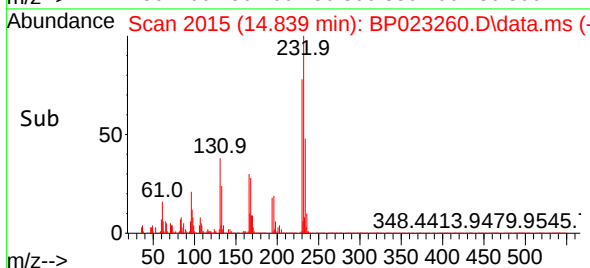
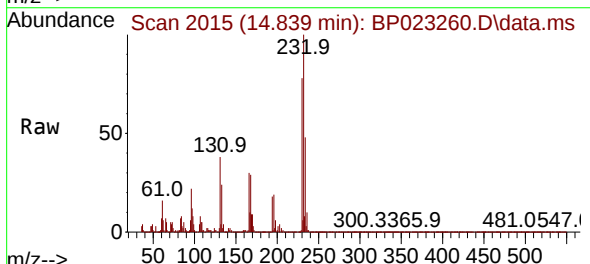
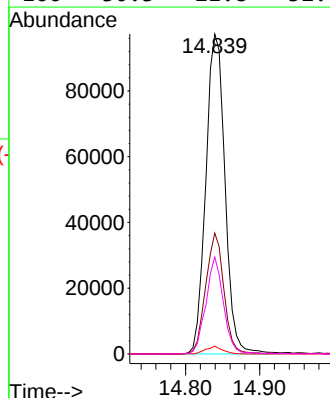
Manual Integrations  
APPROVED

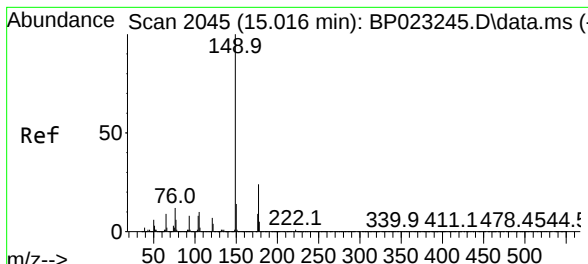
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 30.140 ng/ul  
RT: 14.839 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:232 Resp: 174527  
Ion Ratio Lower Upper  
232 100  
131 37.8 27.0 40.6  
130 2.5 1.9 2.9  
166 30.3 21.8 32.6



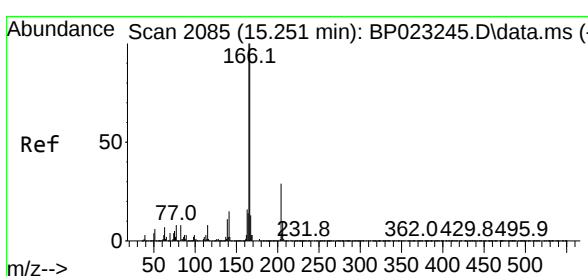
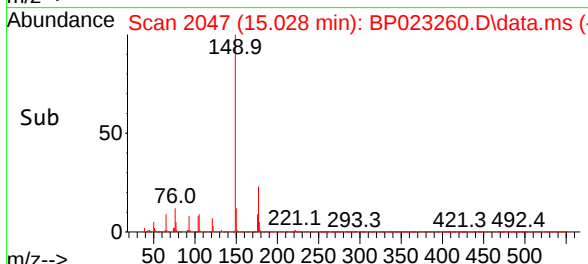
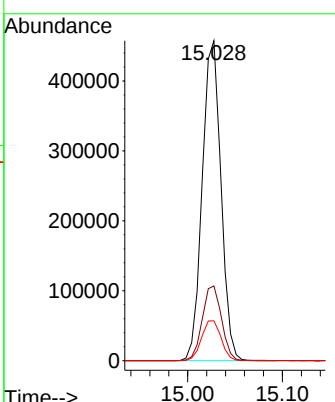
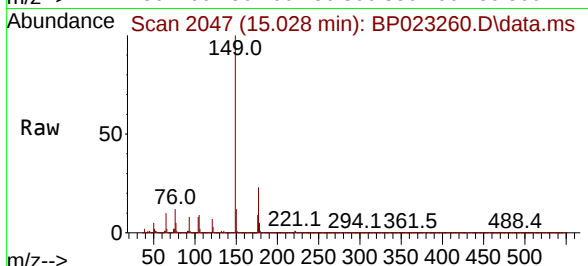


#59  
 Diethylphthalate  
 Concen: 33.296 ng/ul  
 RT: 15.028 min Scan# 2047  
 Delta R.T. 0.000 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

Instrument : BNA\_P  
 ClientSampleId : SLCS090

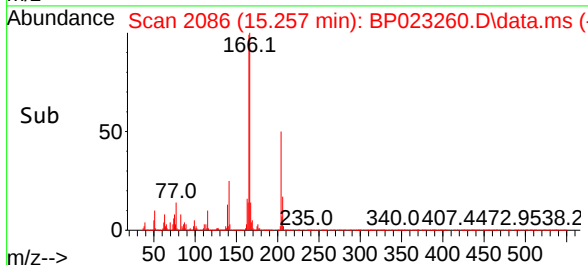
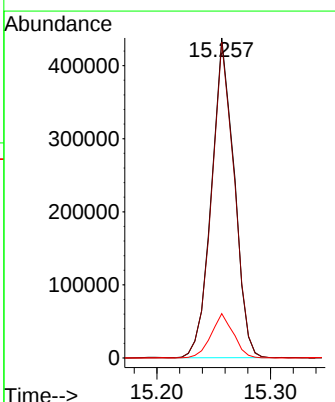
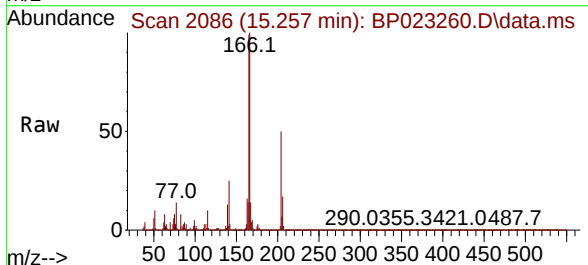
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 625630 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.3  | 19.7  | 29.5   |
| 150       | 12.5  | 9.8   | 14.6   |

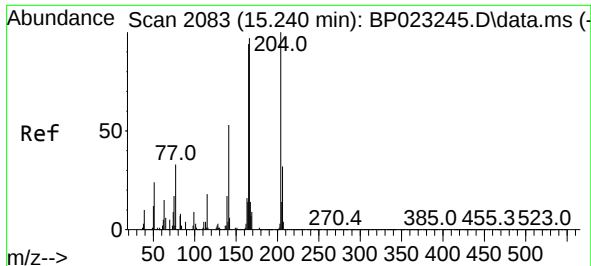
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :mohammad ahmed 11/22/2024



#61  
 Fluorene  
 Concen: 32.649 ng/ul  
 RT: 15.257 min Scan# 2086  
 Delta R.T. 0.000 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

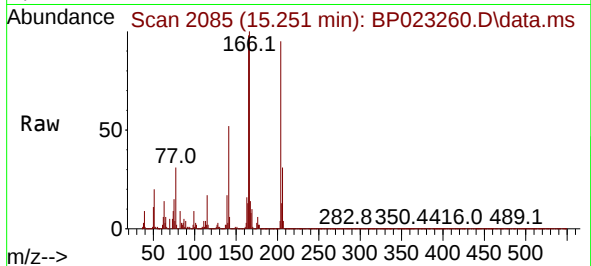
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 609063 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.8  | 79.5  | 119.3  |
| 167       | 13.8  | 10.3  | 15.5   |





#62  
4-Chlorophenyl-phenylether  
Concen: 32.733 ng/ul  
RT: 15.251 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

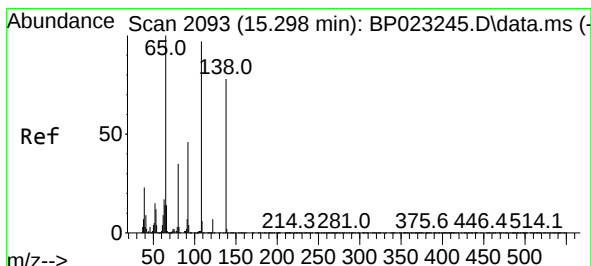
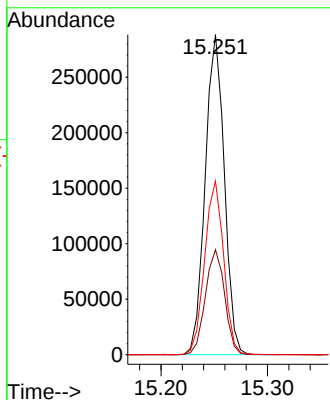
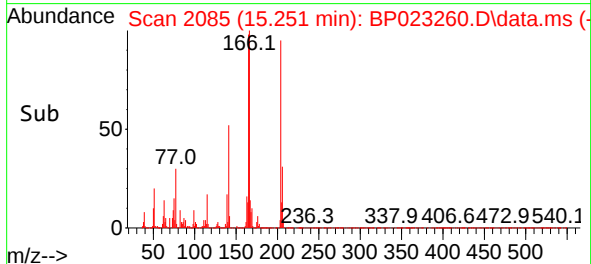
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:204 Resp: 35953  
Ion Ratio Lower Upper  
204 100  
206 32.8 27.2 40.8  
141 54.2 44.6 66.8

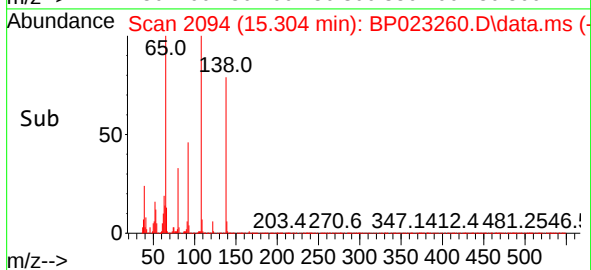
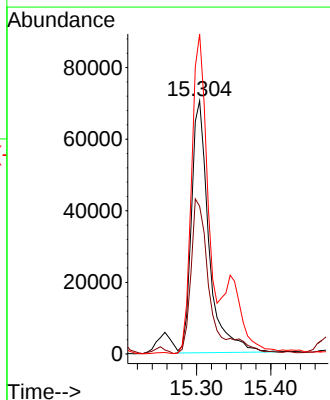
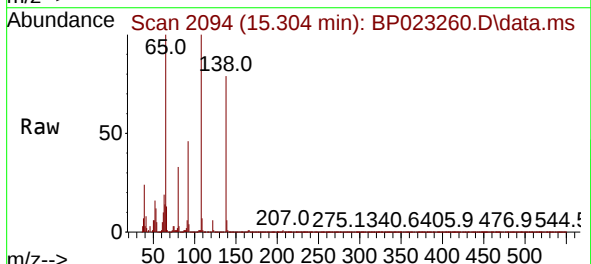
Manual Integrations  
APPROVED

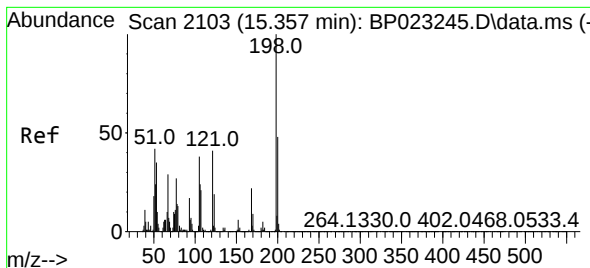
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#63  
4-Nitroaniline  
Concen: 38.829 ng/ul  
RT: 15.304 min Scan# 2094  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:138 Resp: 115008  
Ion Ratio Lower Upper  
138 100  
92 58.3 53.9 80.9  
108 126.4 106.6 159.8





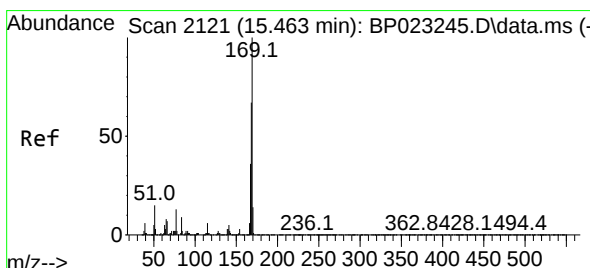
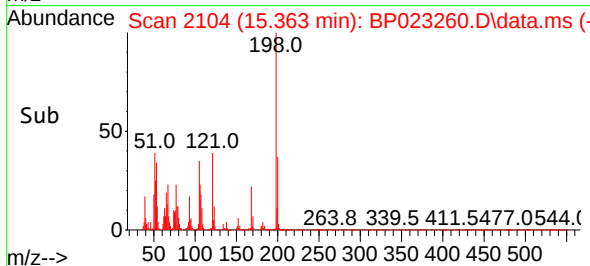
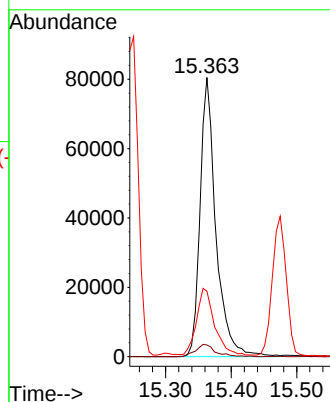
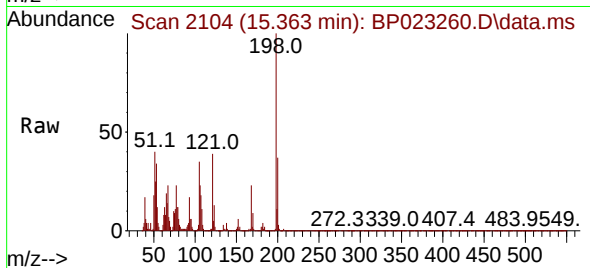
#66  
4,6-Dinitro-2-methylphenol  
Concen: 32.133 ng/ul  
RT: 15.363 min Scan# 2103  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090

Tgt Ion:198 Resp: 135509  
Ion Ratio Lower Upper  
198 100  
182 4.2 3.8 5.8  
77 23.4 20.0 30.0

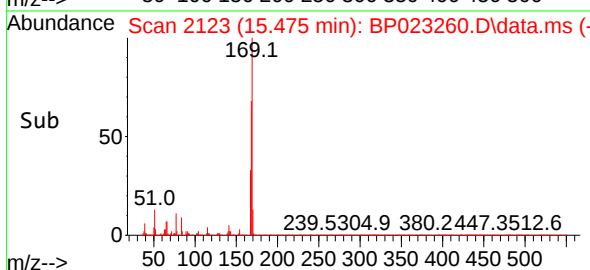
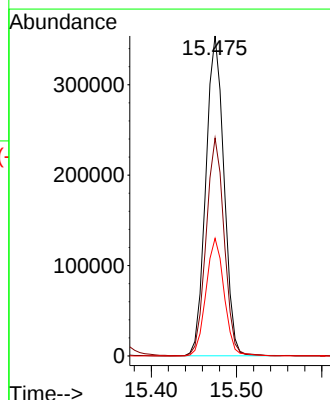
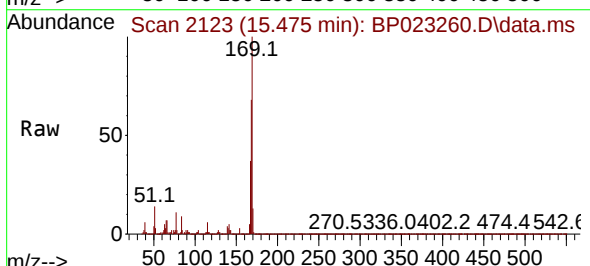
Manual Integrations  
APPROVED

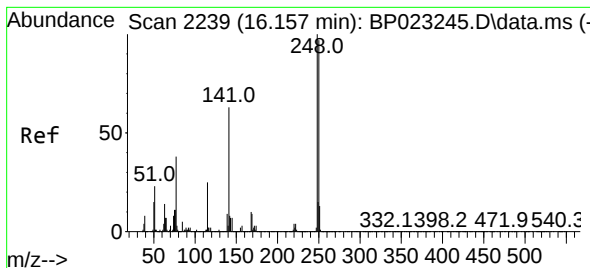
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#67  
N-Nitrosodiphenylamine  
Concen: 34.378 ng/ul  
RT: 15.475 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

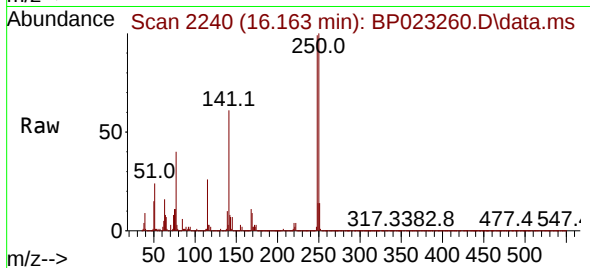
Tgt Ion:169 Resp: 523515  
Ion Ratio Lower Upper  
169 100  
168 68.1 53.4 80.0  
167 36.7 29.4 44.2





#68  
4-Bromophenyl-phenylether  
Concen: 33.500 ng/ul  
RT: 16.163 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

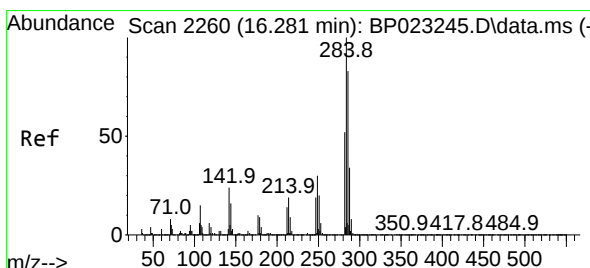
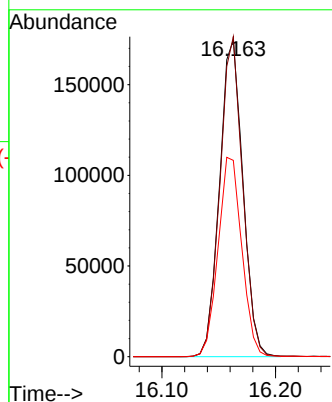
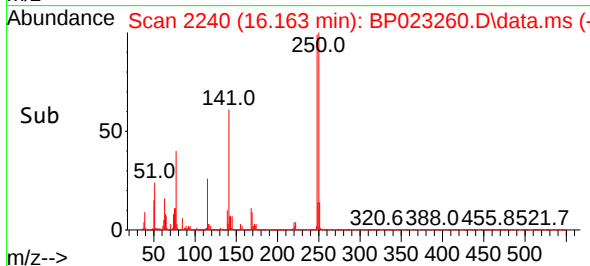
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:248 Resp: 249994  
Ion Ratio Lower Upper  
248 100  
250 101.0 77.1 115.7  
141 61.9 50.7 76.1

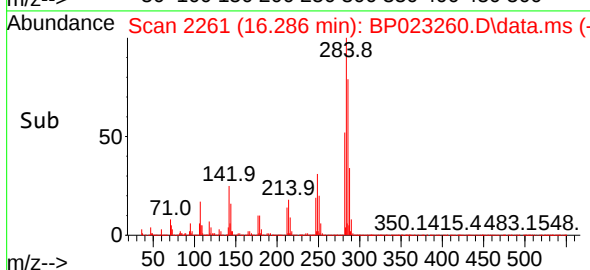
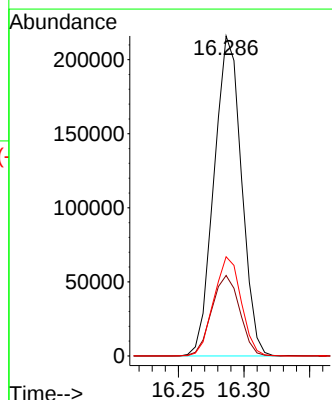
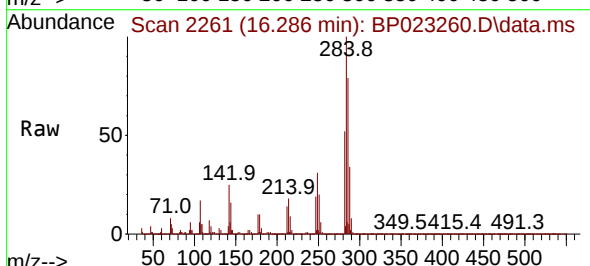
Manual Integrations  
APPROVED

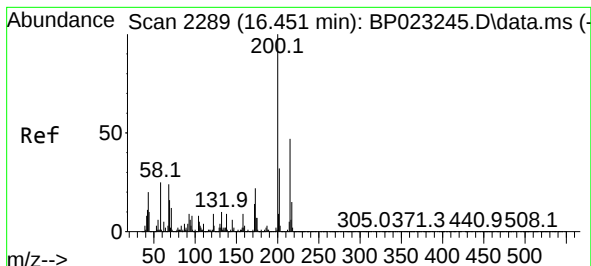
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#69  
Hexachlorobenzene  
Concen: 33.424 ng/ul  
RT: 16.286 min Scan# 2261  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:284 Resp: 314003  
Ion Ratio Lower Upper  
284 100  
142 25.1 21.5 32.3  
249 31.0 25.6 38.4





#70

Atrazine

Concen: 12.606 ng/ul

RT: 16.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

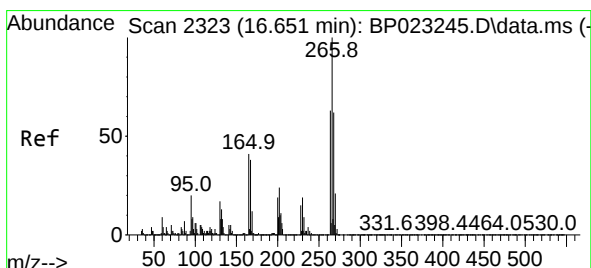
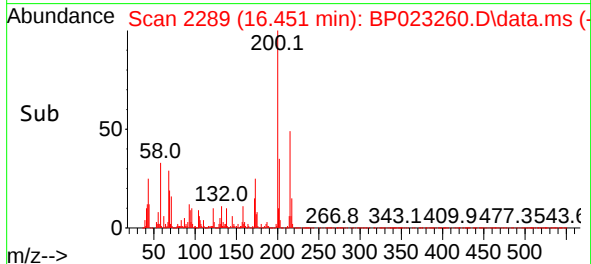
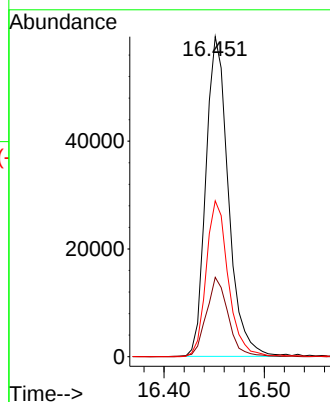
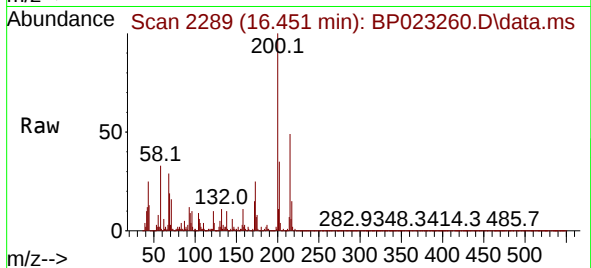
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 9279 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 24.8  | 18.6  | 27.8 |
| 215       | 48.7  | 38.3  | 57.5 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#71

Pentachlorophenol

Concen: 27.310 ng/ul

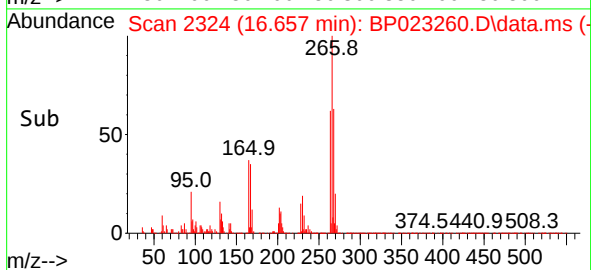
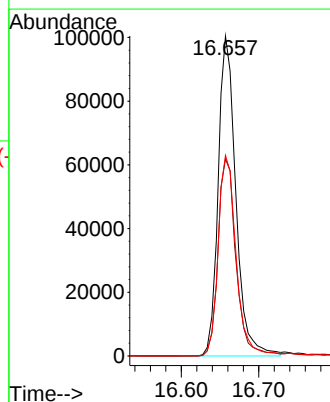
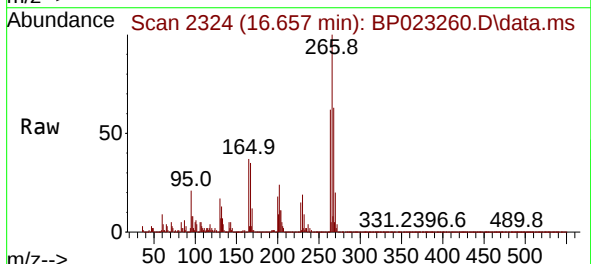
RT: 16.657 min Scan# 2324

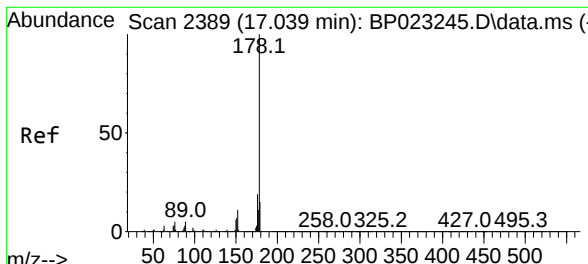
Delta R.T. -0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 159288 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 264       | 61.6  | 50.7  | 76.1   |
| 268       | 62.7  | 51.9  | 77.9   |





#72  
 Phenanthrene  
 Concen: 34.095 ng/ul  
 RT: 17.039 min Scan# 2389  
 Delta R.T. -0.006 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

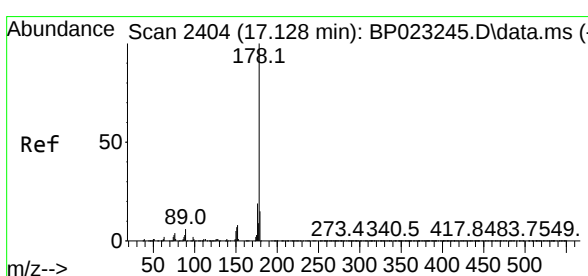
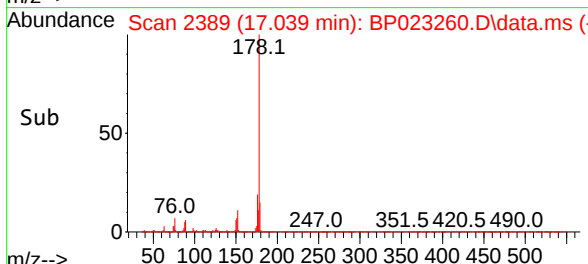
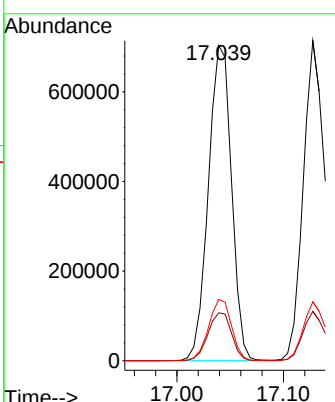
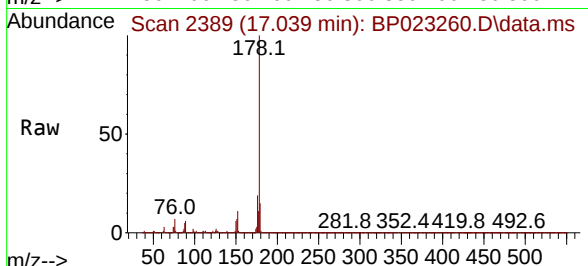
SLCS090

Tgt Ion:178 Resp: 1060859

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.2  | 12.7  | 19.1  |
| 176 | 19.4  | 15.4  | 23.2  |

Manual Integrations  
 APPROVED

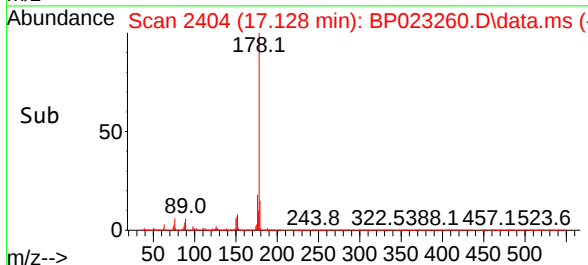
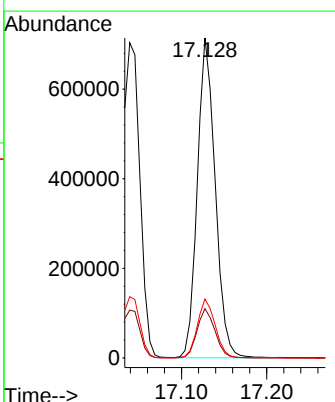
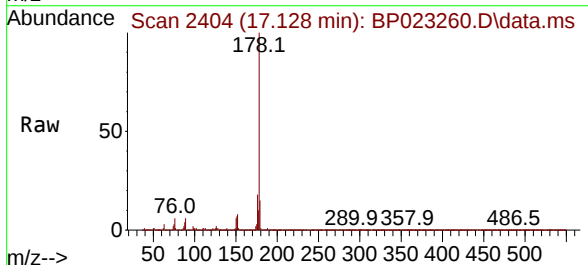
Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :mohammad ahmed 11/22/2024

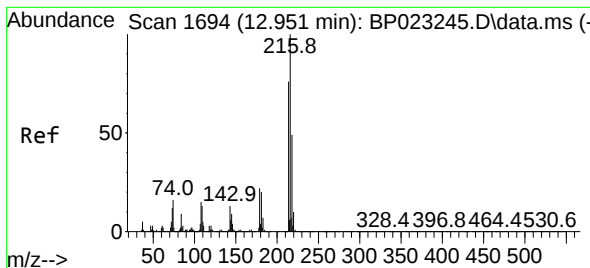


#74  
 Anthracene  
 Concen: 33.220 ng/ul  
 RT: 17.128 min Scan# 2404  
 Delta R.T. 0.000 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

Tgt Ion:178 Resp: 1039253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.4  | 18.6  |
| 176 | 18.4  | 14.5  | 21.7  |





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.135 ng/uL

RT: 12.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

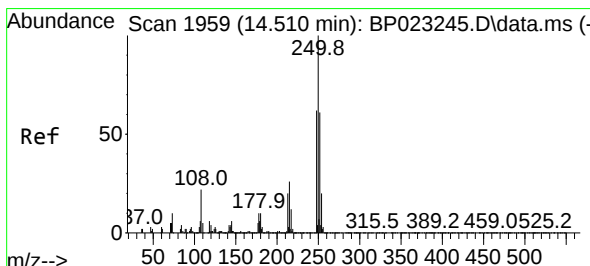
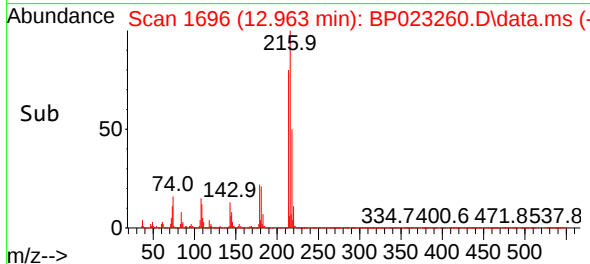
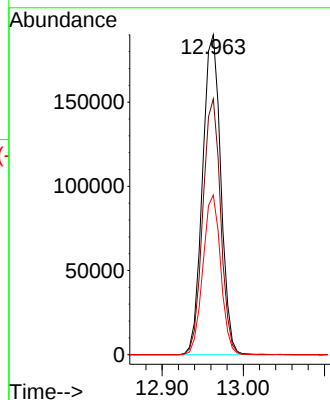
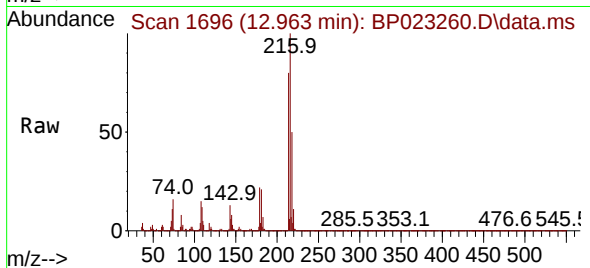
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 29701 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 80.0  | 60.2  | 90.2  |
| 218       | 49.9  | 38.1  | 57.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#76

Pentachlorobenzene

Concen: 32.813 ng/uL

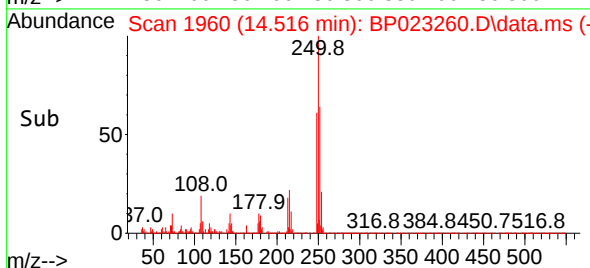
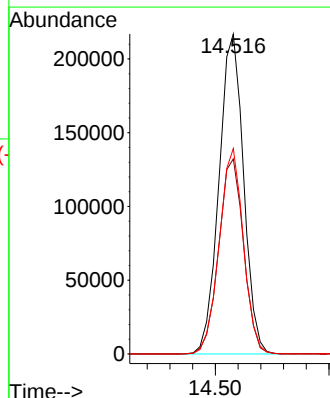
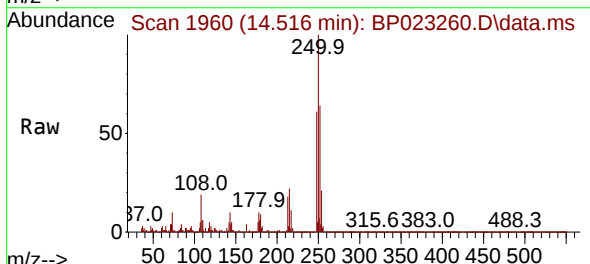
RT: 14.516 min Scan# 1960

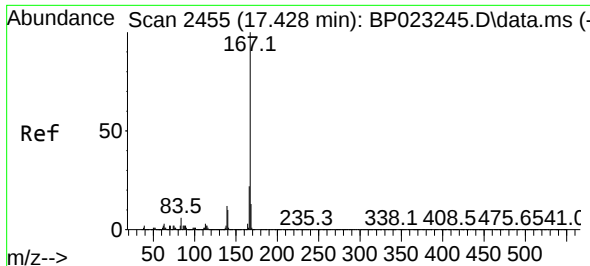
Delta R.T. 0.000 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

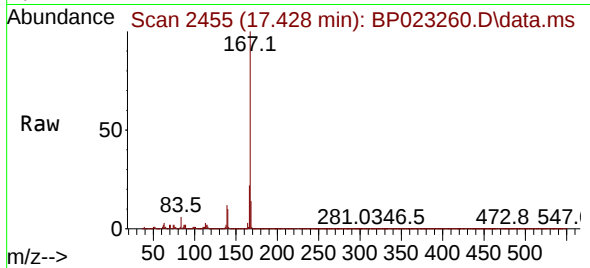
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 326000 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 61.0  | 52.2  | 78.2   |
| 252       | 64.2  | 50.1  | 75.1   |





#77  
 Carbazole  
 Concen: 34.469 ng/ul  
 RT: 17.428 min Scan# 2455  
 Delta R.T. 0.000 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

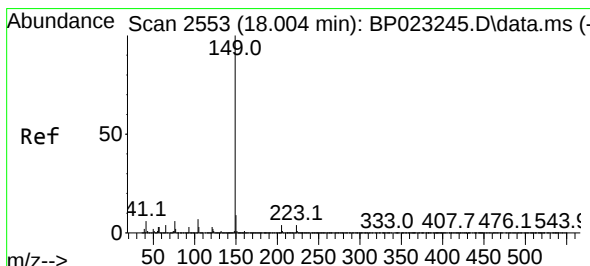
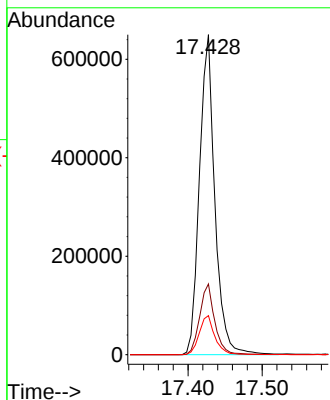
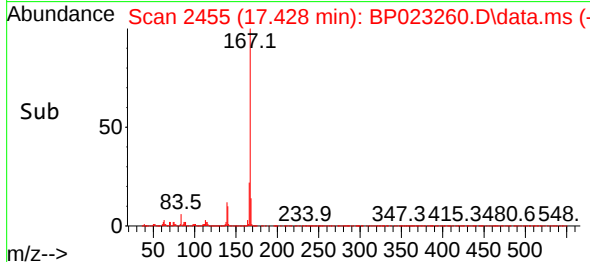
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS090



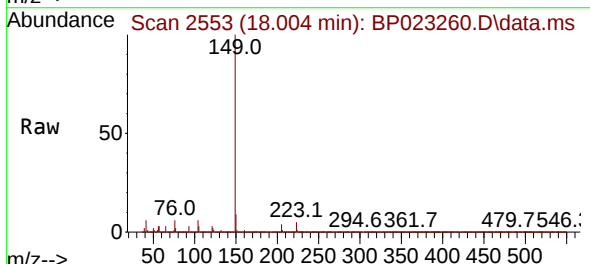
Tgt Ion:167 Resp: 940784  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.5 26.3  
 139 12.2 9.6 14.4

Manual Integrations  
 APPROVED

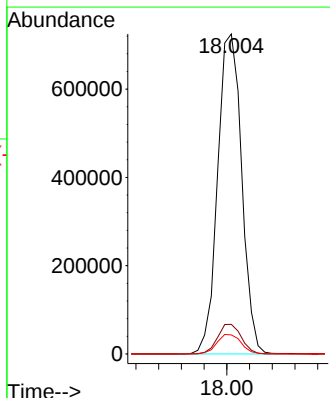
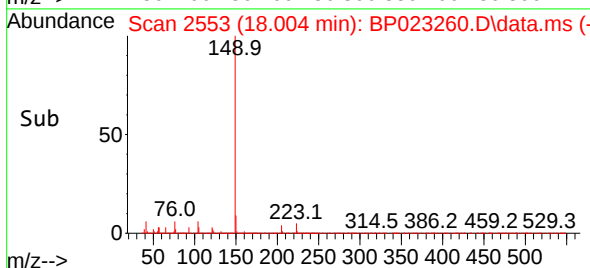
Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :mohammad ahmed 11/22/2024

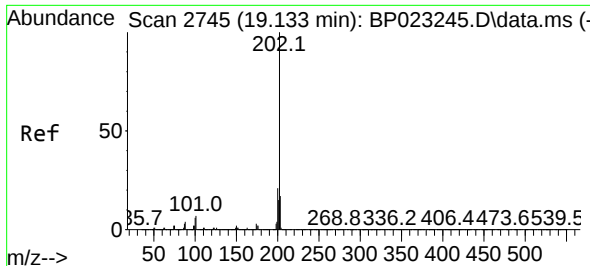


#78  
 Di-n-butylphthalate  
 Concen: 35.240 ng/ul  
 RT: 18.004 min Scan# 2553  
 Delta R.T. -0.006 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06



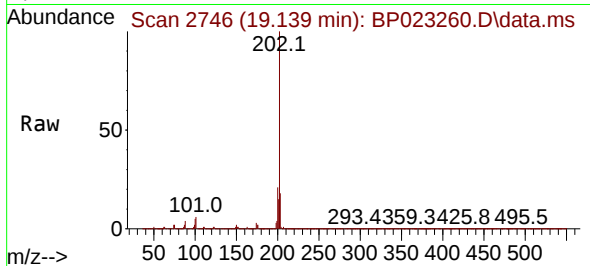
Tgt Ion:149 Resp: 1067327  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.2 10.8  
 104 6.0 5.0 7.4





#80  
Fluoranthene  
Concen: 34.919 ng/ul  
RT: 19.139 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

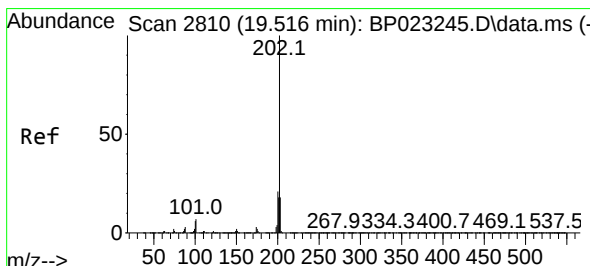
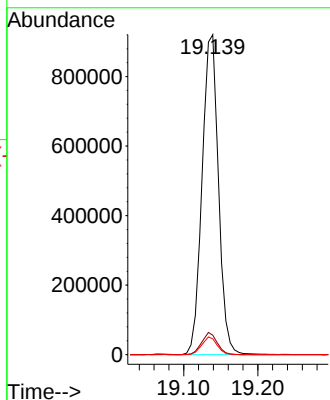
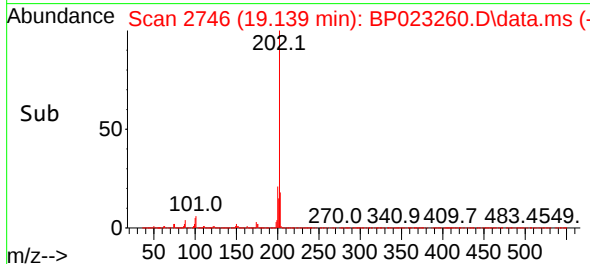
Instrument :  
BNA\_P  
ClientSampleId :  
SLCS090



Tgt Ion:202 Resp: 1412089  
Ion Ratio Lower Upper  
202 100  
101 6.1 5.2 7.8  
100 5.0 4.1 6.1

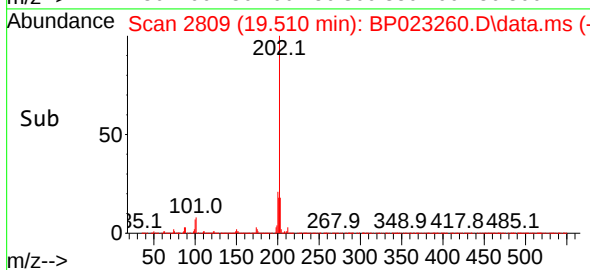
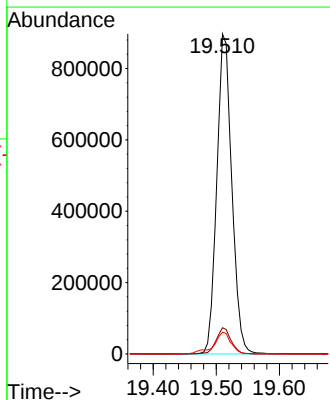
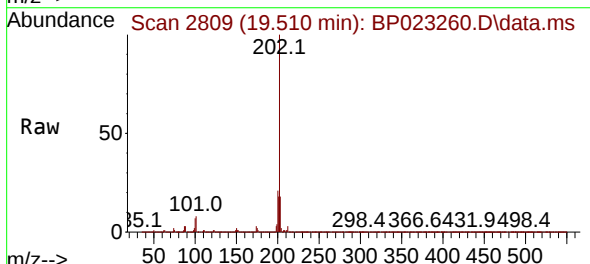
Manual Integrations  
APPROVED

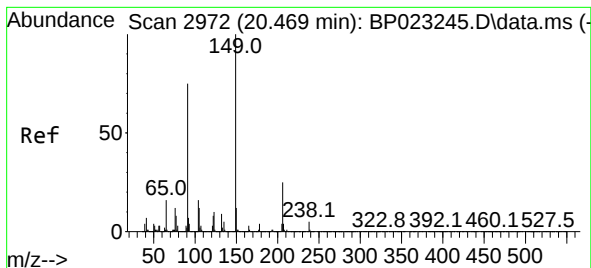
Reviewed By :Yogesh Patel 11/22/2024  
Supervised By :mohammad ahmed 11/22/2024



#82  
Pyrene  
Concen: 34.104 ng/ul  
RT: 19.510 min Scan# 2809  
Delta R.T. -0.006 min  
Lab File: BP023260.D  
Acq: 20 Nov 2024 21:06

Tgt Ion:202 Resp: 1481564  
Ion Ratio Lower Upper  
202 100  
101 8.2 6.2 9.2  
100 6.8 4.9 7.3





#83

Butylbenzylphthalate

Concen: 36.421 ng/ul

RT: 20.469 min Scan# 2972

Delta R.T. 0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

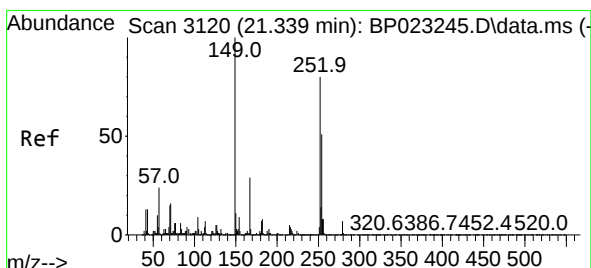
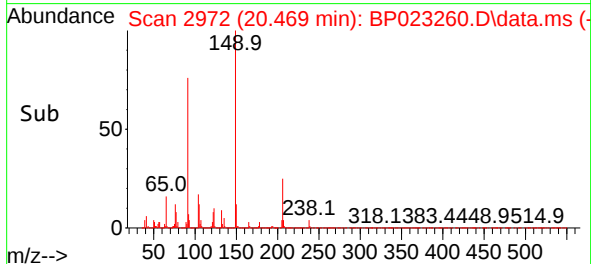
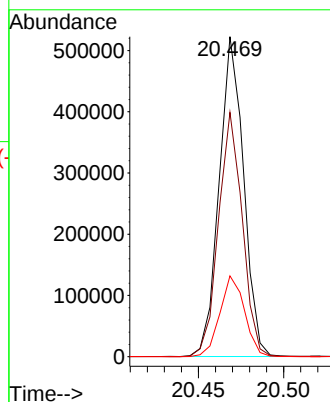
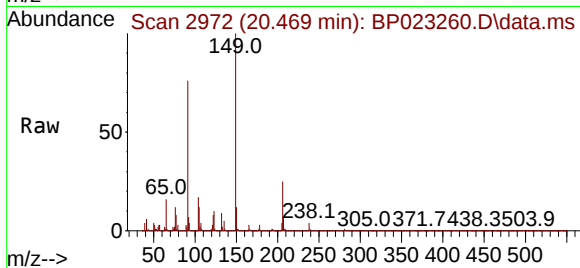
|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 520928 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 91 76.3     | 55.6 83.4    |
| 206 25.3    | 20.2 30.2    |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#84

3,3'-Dichlorobenzidine

Concen: 31.621 ng/ul

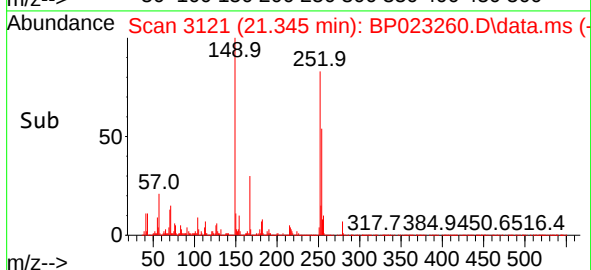
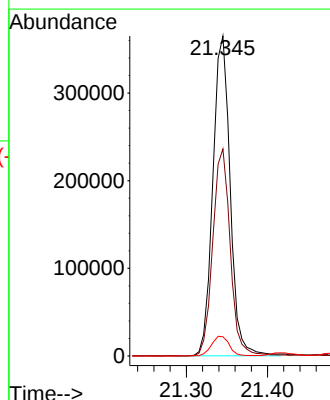
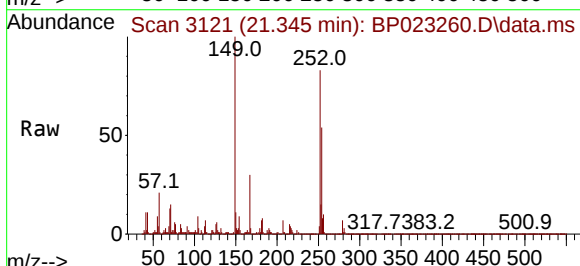
RT: 21.345 min Scan# 3121

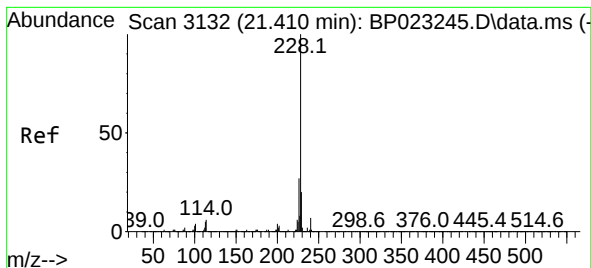
Delta R.T. 0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

|             |              |
|-------------|--------------|
| Tgt Ion:252 | Resp: 540912 |
| Ion Ratio   | Lower Upper  |
| 252 100     |              |
| 254 64.7    | 52.0 78.0    |
| 126 6.0     | 5.0 7.6      |





#85

Benzo(a)anthracene

Concen: 33.637 ng/ul

RT: 21.416 min Scan# 3132

Delta R.T. 0.012 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

Tgt Ion:228 Resp: 156524

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

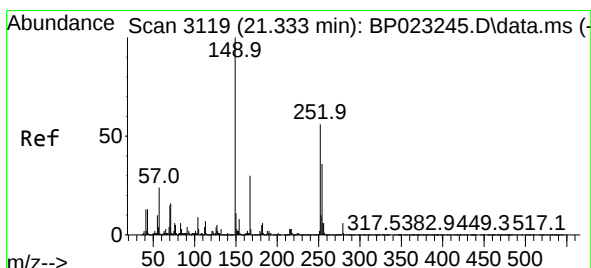
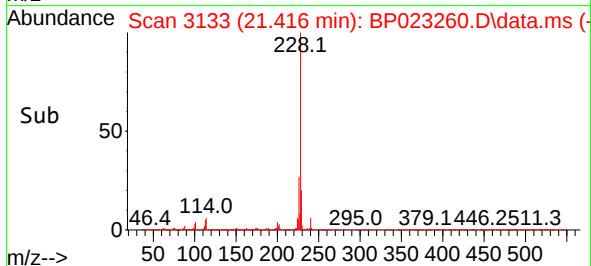
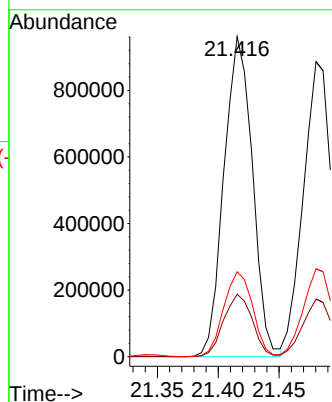
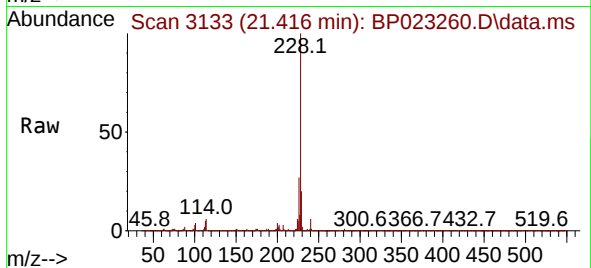
226 26.6 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.928 ng/ul

RT: 21.339 min Scan# 3120

Delta R.T. 0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

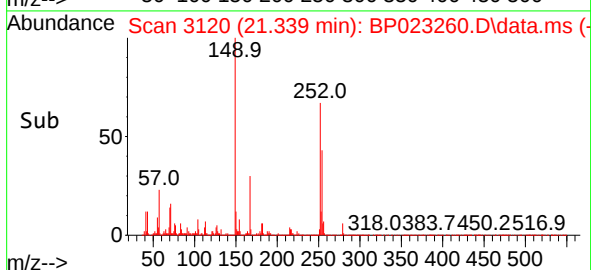
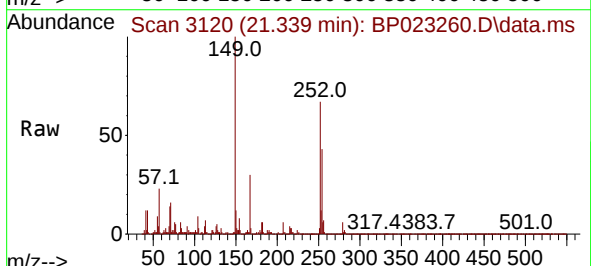
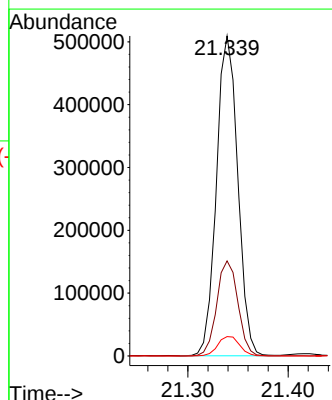
Tgt Ion:149 Resp: 750568

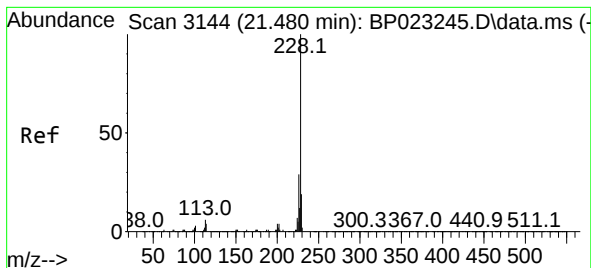
Ion Ratio Lower Upper

149 100

167 29.7 24.5 36.7

279 6.0 5.5 8.3





#87

Chrysene

Concen: 33.479 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

Tgt Ion:228 Resp: 146586

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

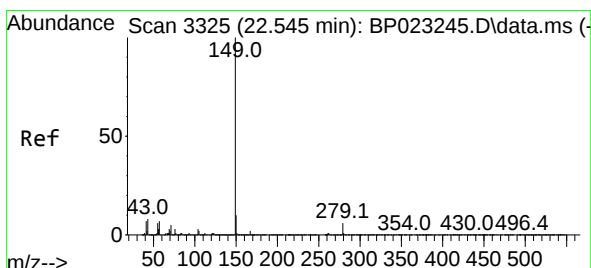
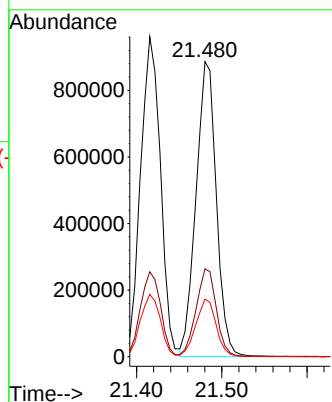
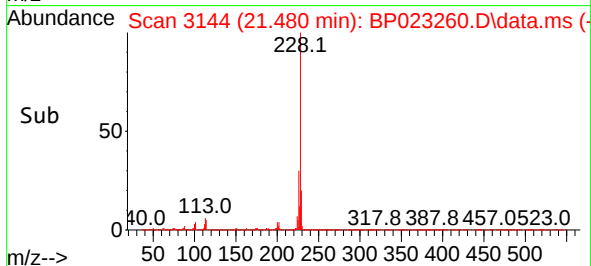
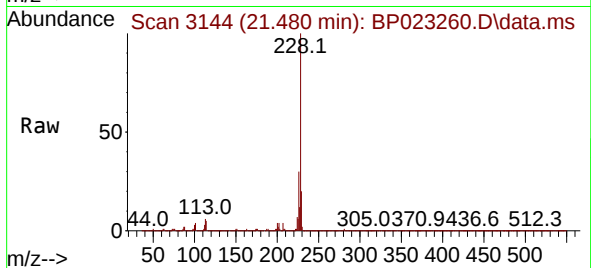
229 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#89

Di-n-octyl phthalate

Concen: 35.073 ng/ul

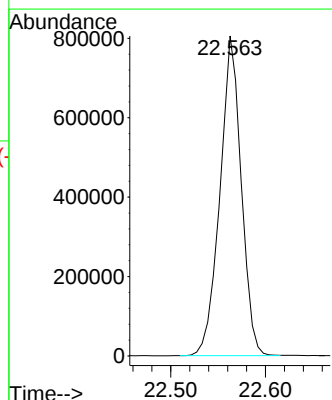
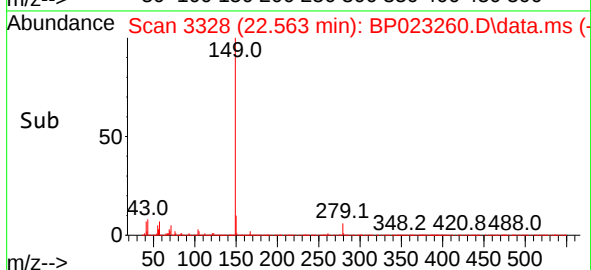
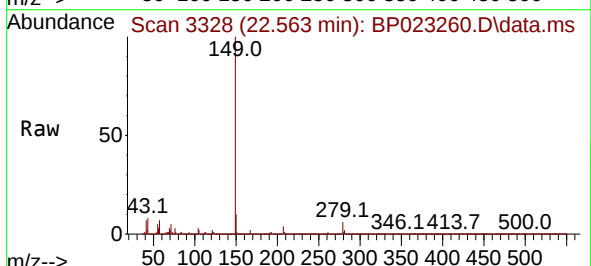
RT: 22.563 min Scan# 3328

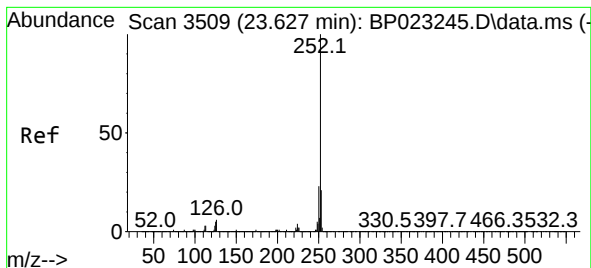
Delta R.T. 0.012 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Tgt Ion:149 Resp: 1257331





#90

Benzo(b)fluoranthene

Concen: 35.108 ng/ul

RT: 23.633 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

Tgt Ion:252 Resp: 1726750

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

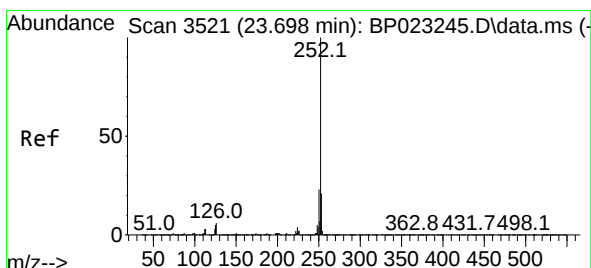
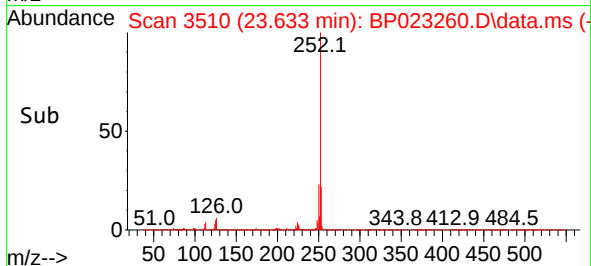
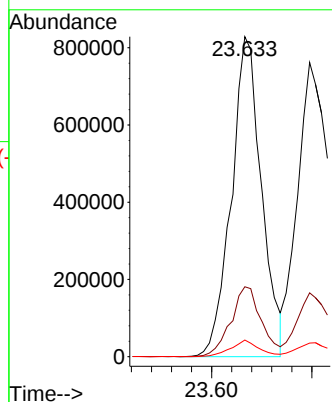
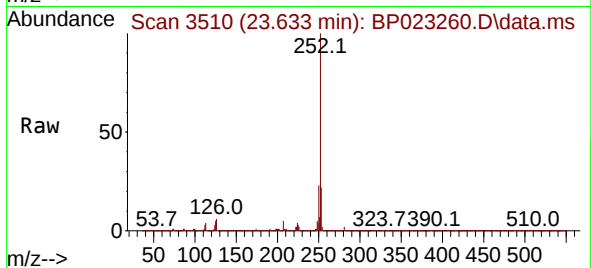
125 5.2 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#91

Benzo(k)fluoranthene

Concen: 34.802 ng/ul

RT: 23.698 min Scan# 3521

Delta R.T. 0.012 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

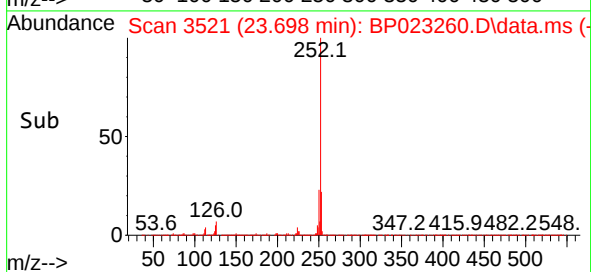
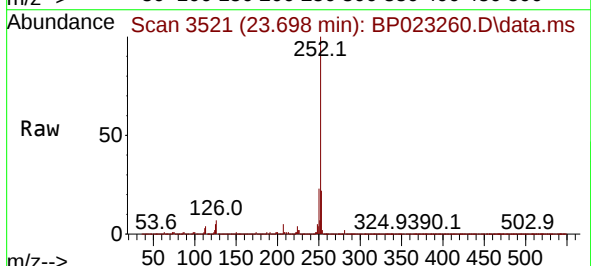
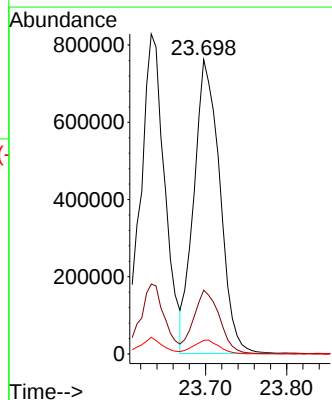
Tgt Ion:252 Resp: 1685040

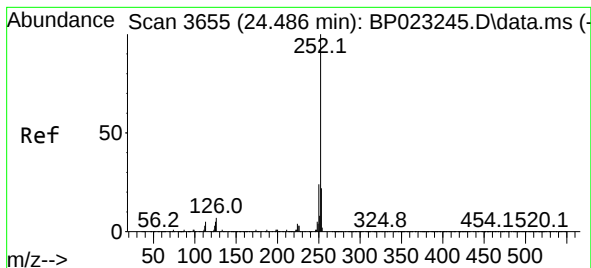
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 4.6 3.0 4.4#





#93

Benzo(a)pyrene

Concen: 33.406 ng/ul

RT: 24.504 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

Instrument :

BNA\_P

ClientSampleId :

SLCS090

Tgt Ion:252 Resp: 148525

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

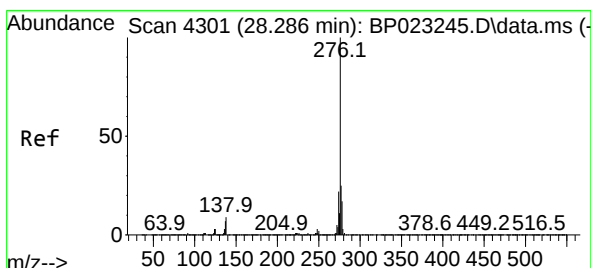
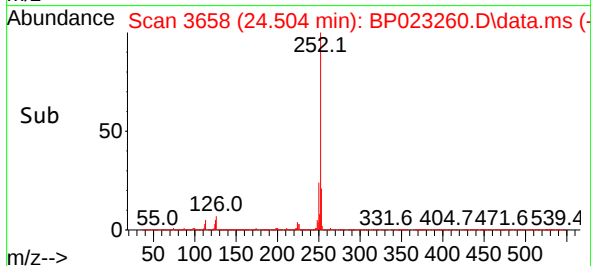
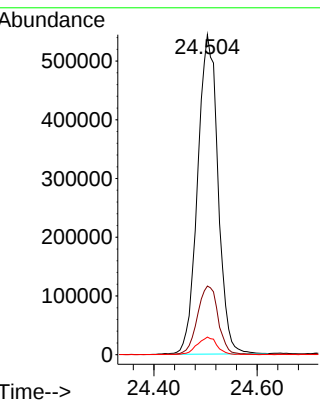
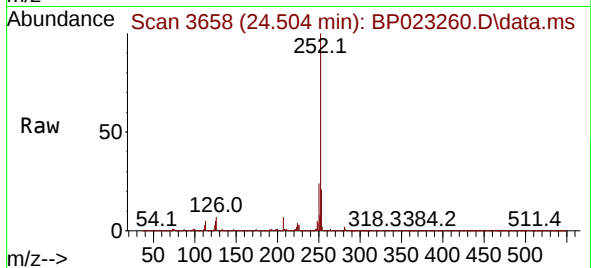
125 5.5 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.320 ng/ul

RT: 28.298 min Scan# 4303

Delta R.T. 0.024 min

Lab File: BP023260.D

Acq: 20 Nov 2024 21:06

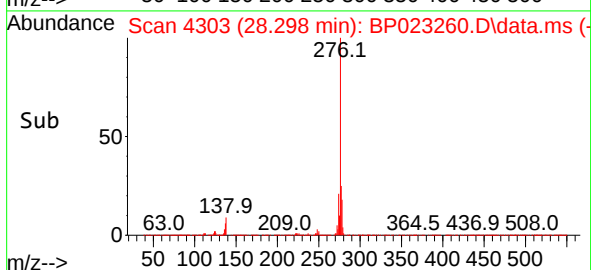
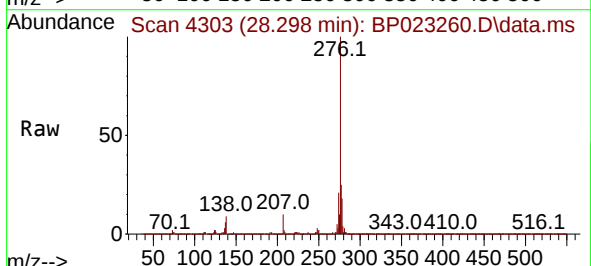
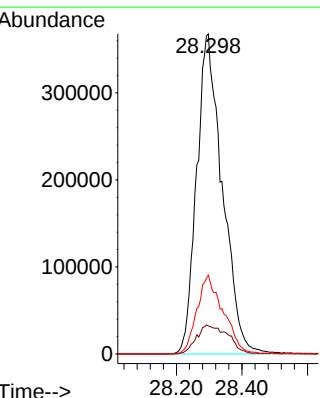
Tgt Ion:276 Resp: 2002036

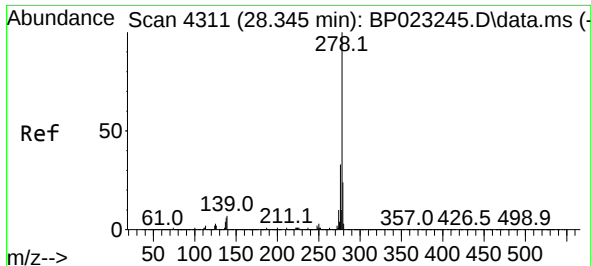
Ion Ratio Lower Upper

276 100

138 8.8 7.0 10.4

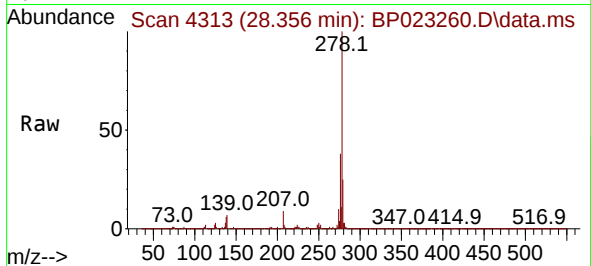
277 24.6 19.8 29.8





#95  
 Dibenzo(a,h)anthracene  
 Concen: 32.008 ng/ul  
 RT: 28.356 min Scan# 411  
 Delta R.T. 0.035 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

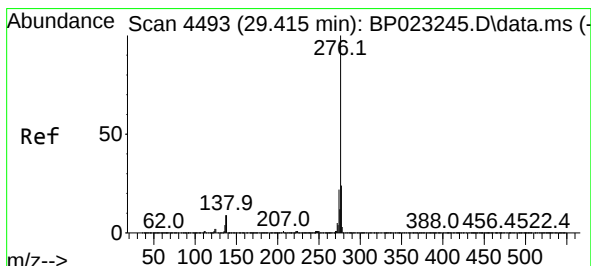
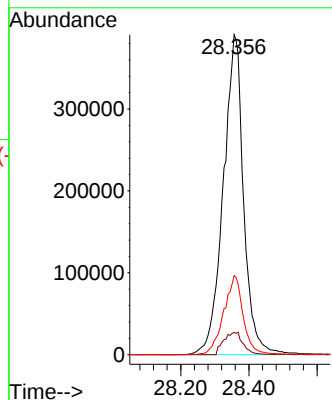
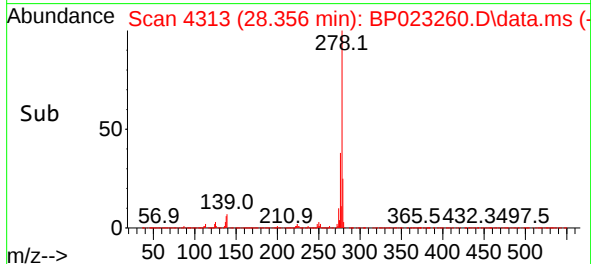
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS090



Tgt Ion:278 Resp: 160985  
 Ion Ratio Lower Upper  
 278 100  
 139 7.0 5.4 8.0  
 279 24.7 19.4 29.2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024  
 Supervised By :mohammad ahmed 11/22/2024



#96  
 Benzo(g,h,i)perylene  
 Concen: 32.287 ng/ul  
 RT: 29.421 min Scan# 4494  
 Delta R.T. 0.012 min  
 Lab File: BP023260.D  
 Acq: 20 Nov 2024 21:06

Tgt Ion:276 Resp: 1519078  
 Ion Ratio Lower Upper  
 276 100  
 138 9.6 7.1 10.7  
 277 23.2 19.4 29.2

