

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101124\  
 Data File : BP022334.D  
 Acq On : 11 Oct 2024 14:42  
 Operator : RC/JU  
 Sample : P4239-14DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4E73DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 15:12:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 08 02:14:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 97420m   | 20.000 | ng/u1  | -0.04    |
| 20) Naphthalene-d8            | 10.434 | 136  | 376009   | 20.000 | ng/u1  | -0.03    |
| 38) Acenaphthene-d10          | 14.292 | 164  | 299180   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 17.110 | 188  | 726208   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.551 | 240  | 761058   | 20.000 | ng/u1  | 0.01     |
| 88) Perylene-d12              | 24.839 | 264  | 915835   | 20.000 | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.211  | 96   | 1543m    | 0.615  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 6.857  | 99   | 28604    | 3.488  | ng/u1  | -0.03    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.010  | 67   | 17203    | 3.569  | ng/u1  | -0.03    |
| 11) 2-Chlorophenol-d4         | 7.210  | 132  | 22457    | 3.859  | ng/u1  | -0.04    |
| 15) 4-Methylphenol-d8         | 8.375  | 113  | 23311m   | 3.562  | ng/u1  | -0.03    |
| 21) Nitrobenzene-d5           | 8.810  | 128  | 11114    | 3.844  | ng/u1  | -0.03    |
| 24) 2-Nitrophenol-d4          | 9.528  | 143  | 12456    | 3.721  | ng/u1  | -0.03    |
| 28) 2,4-Dichlorophenol-d3     | 10.057 | 165  | 32574    | 4.579  | ng/u1  | -0.04    |
| 31) 4-Chloroaniline-d4        | 10.581 | 131  | 23678    | 2.817  | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 94904    | 3.993  | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 13.986 | 160  | 101168   | 4.007  | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.528 | 143  | 10879    | 2.728  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.316 | 176  | 88204    | 4.278  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200  | 10273m   | 2.151  | ng/u1  | -0.01    |
| 73) Anthracene-d10            | 17.198 | 188  | 150233   | 4.398  | ng/u1  | -0.02    |
| 81) Pyrene-d10                | 19.592 | 212  | 190697   | 4.738  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.615 | 264  | 212383   | 4.342  | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.881  | 94   | 49950    | 5.854  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.099  | 93   | 214680   | 33.621 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.240  | 128  | 90588    | 15.055 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.457  | 70   | 174780m  | 31.930 | ng/u1  |          |
| 19) Hexachloroethane          | 8.734  | 117  | 61234    | 21.851 | ng/u1  | 97       |
| 22) Nitrobenzene              | 8.851  | 77   | 51957    | 6.021  | ng/u1  | 98       |
| 23) Isophorone                | 9.375  | 82   | 399687   | 25.831 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.557  | 139  | 26715    | 7.406  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.851  | 93   | 266156   | 30.294 | ng/u1  | 97       |
| 29) 2,4-Dichlorophenol        | 10.087 | 162  | 121918   | 17.403 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.763 | 225  | 139572   | 23.638 | ng/u1  | 100      |
| 35) 4-Chloro-3-methylphenol   | 11.728 | 107  | 50111    | 6.556  | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.098 | 142  | 132720   | 9.028  | ng/u1  | 95       |
| 41) 2,4,6-Trichlorophenol     | 12.716 | 196  | 189205   | 27.191 | ng/u1  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.792 | 196  | 45371    | 6.124  | ng/u1  | 98       |
| 48) 2,6-Dinitrotoluene        | 13.875 | 165  | 170649   | 38.090 | ng/u1  | 97       |
| 50) Acenaphthylene            | 14.010 | 152  | 81830    | 3.123  | ng/u1  | 96       |
| 52) Acenaphthene              | 14.357 | 153  | 336581   | 18.166 | ng/u1  | 99       |
| 55) 4-Nitrophenol             | 14.539 | 109  | 55150    | 12.461 | ng/u1  | 94       |
| 57) 2,4-Dinitrotoluene        | 14.669 | 165  | 170709   | 24.521 | ng/u1  | 92       |
| 61) Fluorene                  | 15.363 | 166  | 640493   | 28.243 | ng/u1  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.351 | 204  | 113928   | 8.785  | ng/u1  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.280 | 248  | 57532    | 6.569  | ng/u1  | 97       |
| 69) Hexachlorobenzene         | 16.392 | 284  | 389964   | 36.176 | ng/u1  | 99       |

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 Sample : P4239-14DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4E73DL

Manual Integrations  
 APPROVED

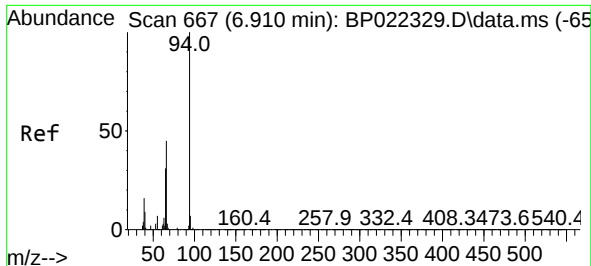
Reviewed By :Jagrut Upadhyay 10/14/2024  
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 15:12:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
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 QLast Update : Tue Oct 08 02:14:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 71) Pentachlorophenol         | 16.751 | 266  | 227447   | 32.815 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.151 | 178  | 275425   | 7.089  | ng/ul  | 99       |
| 74) Anthracene                | 17.233 | 178  | 276633   | 7.135  | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.116 | 149  | 967188   | 25.479 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.245 | 202  | 1221129  | 26.393 | ng/ul  | 99       |
| 82) Pyrene                    | 19.621 | 202  | 546187   | 11.014 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.574 | 149  | 111861   | 6.479  | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.527 | 228  | 1060713  | 19.881 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.468 | 149  | 679020   | 27.399 | ng/ul  | 100      |
| 87) Chrysene                  | 21.598 | 228  | 1547708  | 31.285 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.804 | 252  | 1531126  | 26.560 | ng/ul# | 98       |
| 93) Benzo(a)pyrene            | 24.686 | 252  | 320456   | 6.040  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.656 | 276  | 335188m  | 4.734  | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.656 | 278  | 702755   | 12.257 | ng/ul  | 100      |
| 96) Benzo(g,h,i)perylene      | 29.715 | 276  | 231646   | 4.206  | ng/ul  | 98       |

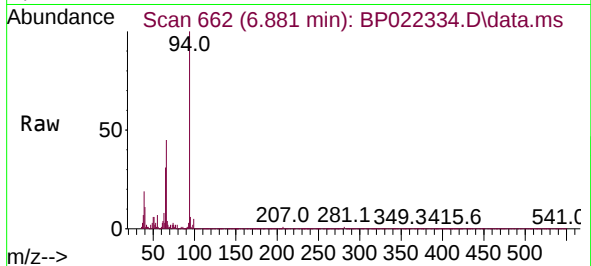
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#8  
Phenol  
Concen: 5.854 ng/ul  
RT: 6.881 min Scan# 609  
Delta R.T. -0.030 min  
Lab File: BP022334.D  
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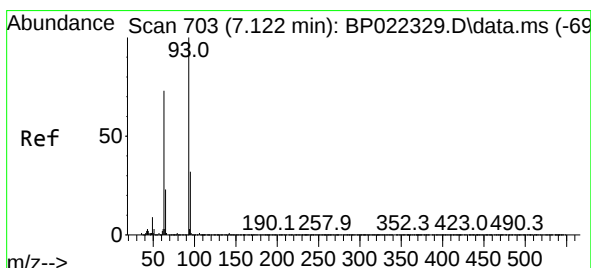
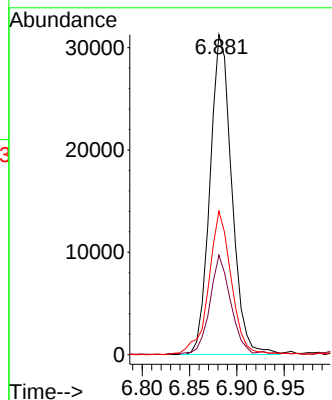
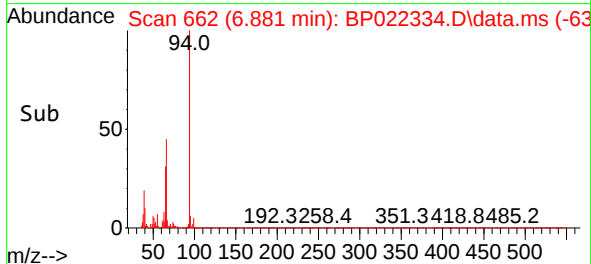
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



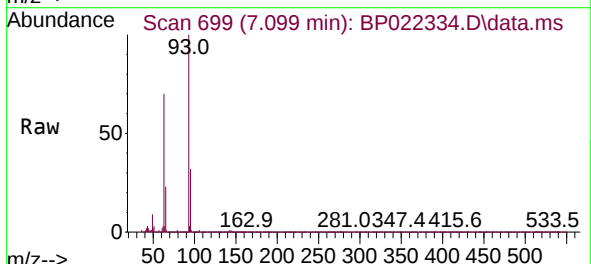
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Ion Ratio Lower Upper  
94 100  
65 31.1 25.9 38.9  
66 44.9 37.6 56.4

Manual Integrations  
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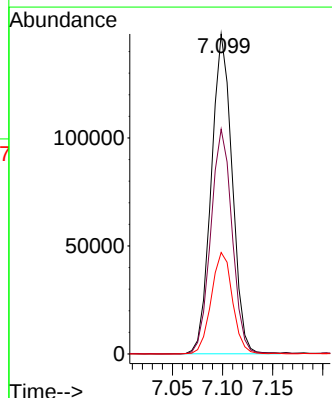
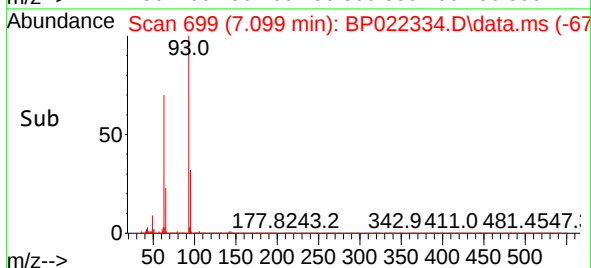
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024

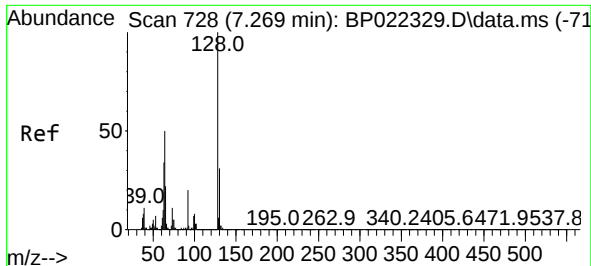


#10  
Bis(2-Chloroethyl)ether  
Concen: 33.621 ng/ul  
RT: 7.099 min Scan# 699  
Delta R.T. -0.035 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42



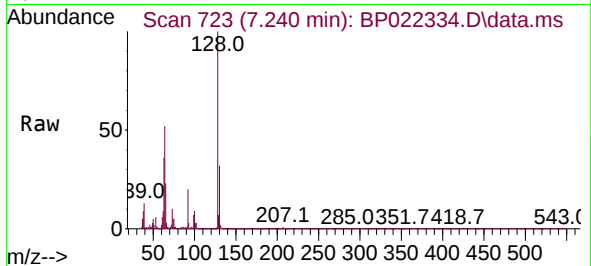
Tgt Ion: 93 Resp: 214680  
Ion Ratio Lower Upper  
93 100  
63 70.3 59.0 88.6  
95 31.7 25.6 38.4





#12  
2-Chlorophenol  
Concen: 15.055 ng/ul  
RT: 7.240 min Scan# 71  
Delta R.T. -0.035 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

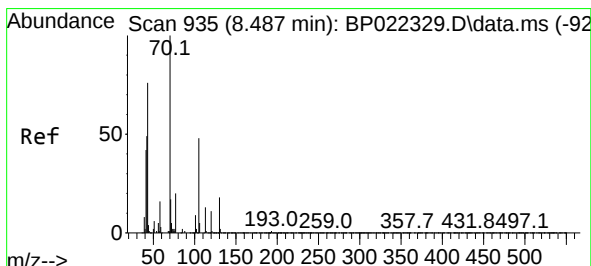
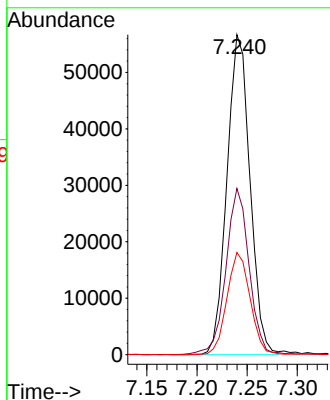
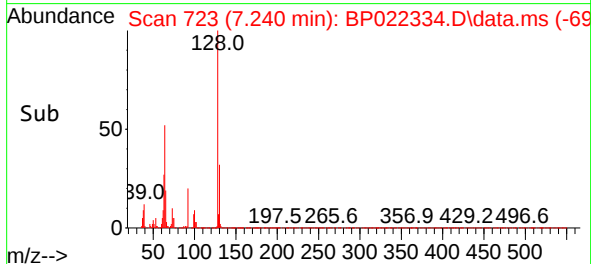
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:128 Resp: 90588  
Ion Ratio Lower Upper  
128 100  
64 52.0 42.4 63.6  
130 32.0 24.8 37.2

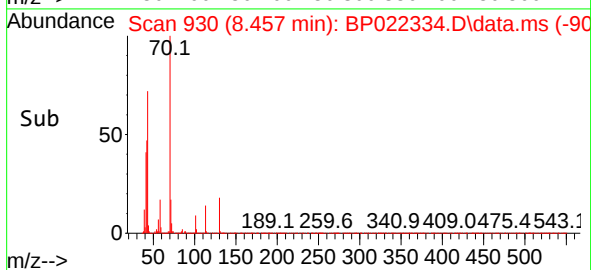
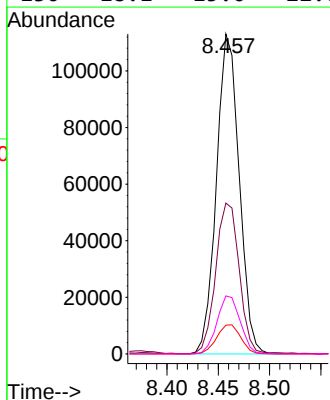
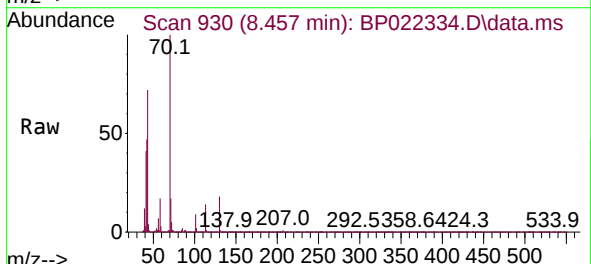
Manual Integrations  
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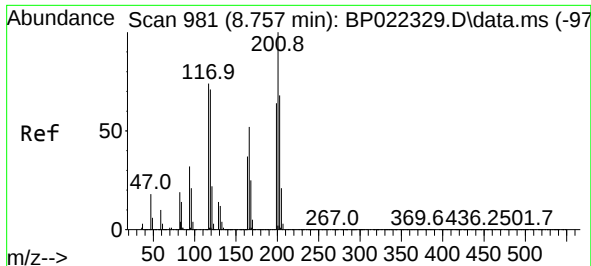
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 31.930 ng/ul m  
RT: 8.457 min Scan# 930  
Delta R.T. -0.035 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

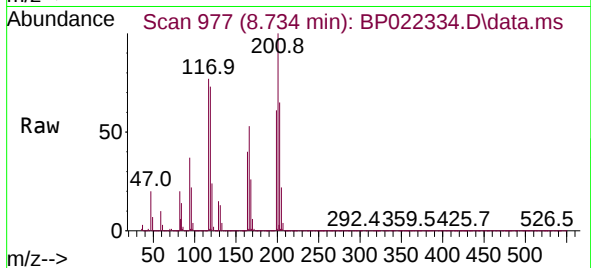
Tgt Ion: 70 Resp: 174780  
Ion Ratio Lower Upper  
70 100  
42 47.2 42.0 63.0  
101 9.0 7.8 11.6  
130 18.1 15.0 22.6





#19  
Hexachloroethane  
Concen: 21.851 ng/ul  
RT: 8.734 min Scan# 911  
Delta R.T. -0.030 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

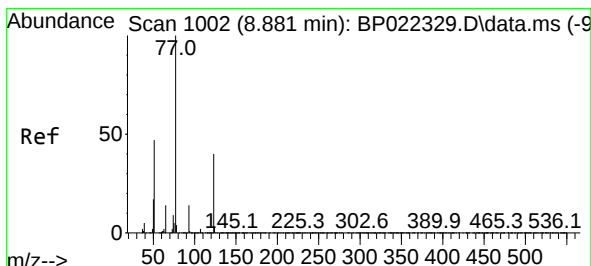
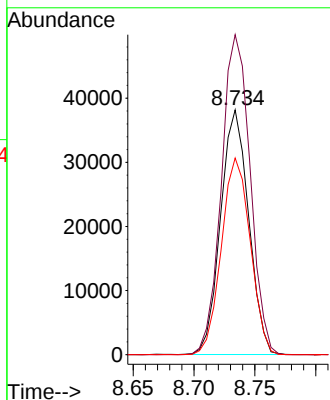
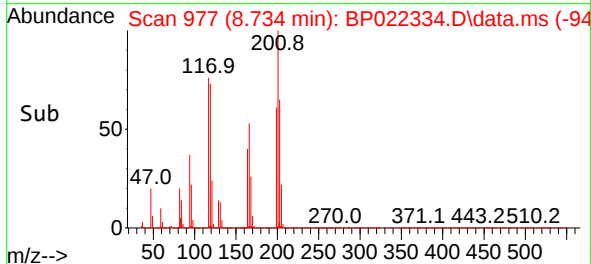
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:117 Resp: 61234  
Ion Ratio Lower Upper  
117 100  
201 130.7 106.6 160.0  
199 80.3 66.9 100.3

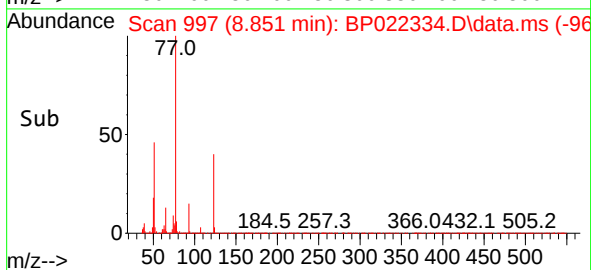
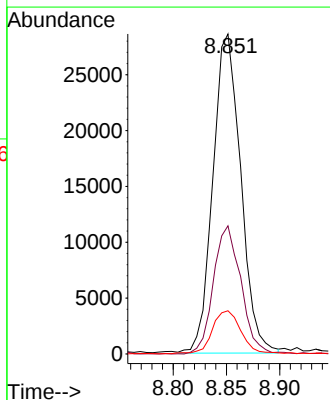
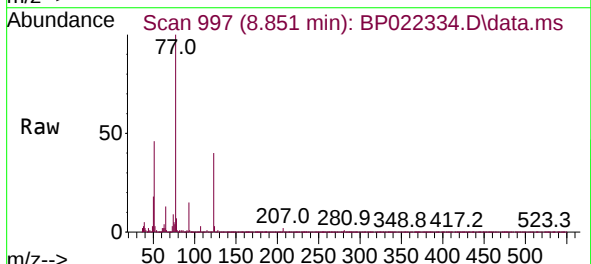
Manual Integrations  
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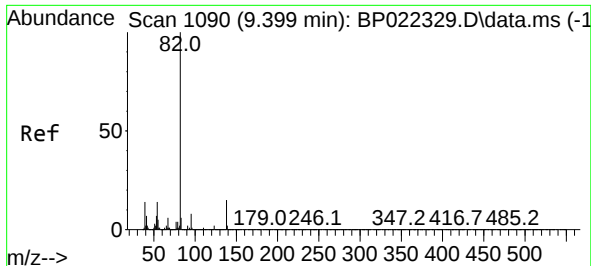
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#22  
Nitrobenzene  
Concen: 6.021 ng/ul  
RT: 8.851 min Scan# 997  
Delta R.T. -0.035 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

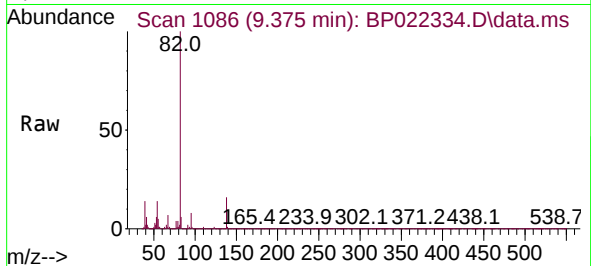
Tgt Ion: 77 Resp: 51957  
Ion Ratio Lower Upper  
77 100  
123 40.1 30.8 46.2  
65 13.5 11.4 17.2





#23  
Isophorone  
Concen: 25.831 ng/ul  
RT: 9.375 min Scan# 1108  
Delta R.T. -0.030 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

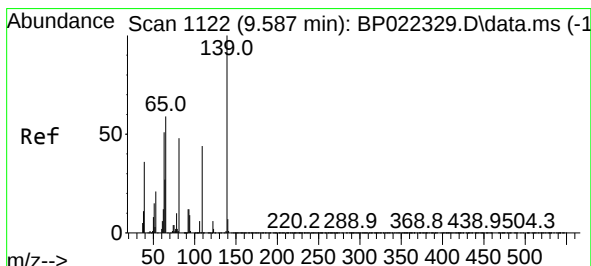
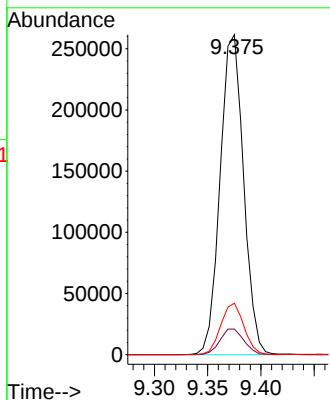
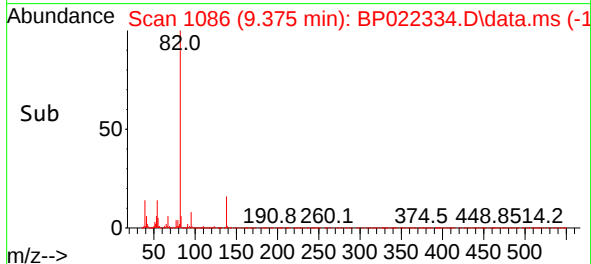
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion: 82 Resp: 39968  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.7 10.1  
138 16.1 12.3 18.5

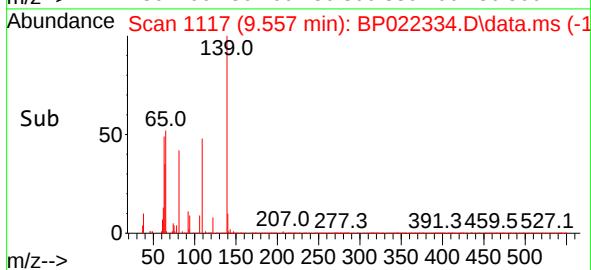
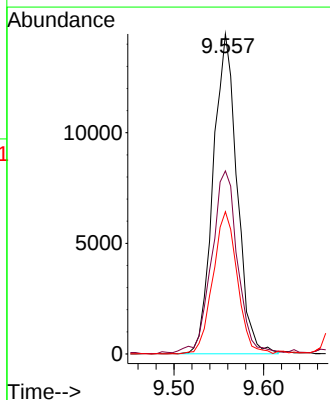
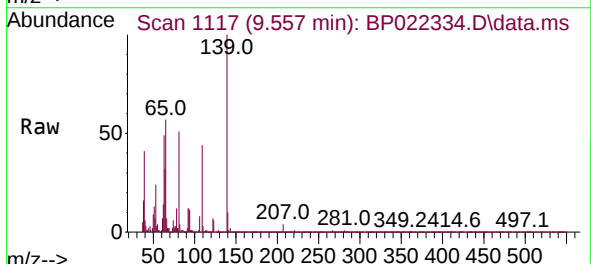
Manual Integrations  
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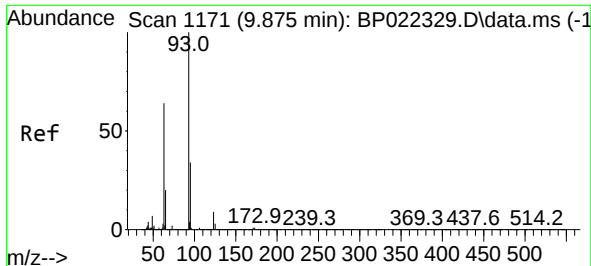
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#25  
2-Nitrophenol  
Concen: 7.406 ng/ul  
RT: 9.557 min Scan# 1117  
Delta R.T. -0.030 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Tgt Ion:139 Resp: 26715  
Ion Ratio Lower Upper  
139 100  
65 57.2 48.5 72.7  
109 44.4 35.0 52.4





#27

Bis(2-Chloroethoxy)methane

Concen: 30.294 ng/ul

RT: 9.851 min Scan# 1167

Delta R.T. -0.030 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

A4E73DL

Tgt Ion: 93 Resp: 266150

Ion Ratio Lower Upper

93 100

95 33.6 25.4 38.0

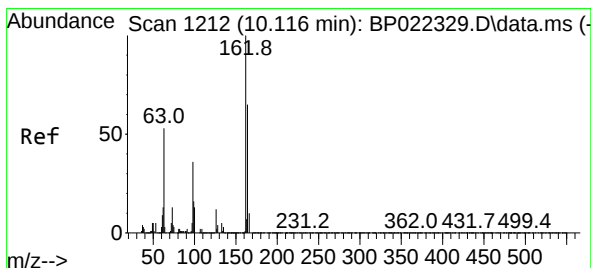
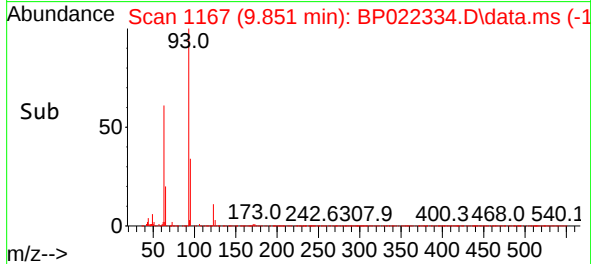
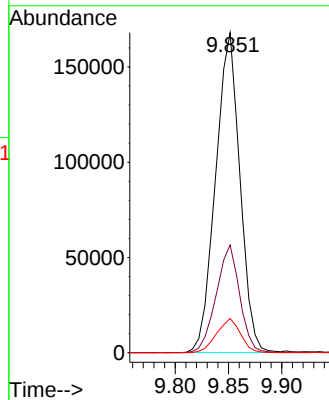
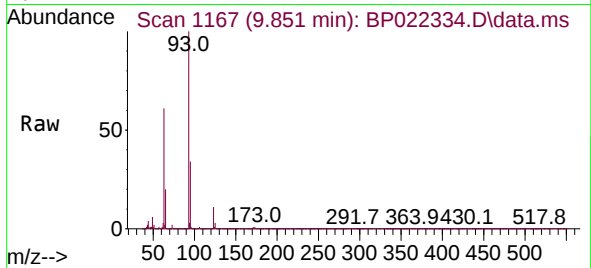
123 10.7 7.8 11.8

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/15/2024



#29

2,4-Dichlorophenol

Concen: 17.403 ng/ul

RT: 10.087 min Scan# 1207

Delta R.T. -0.035 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

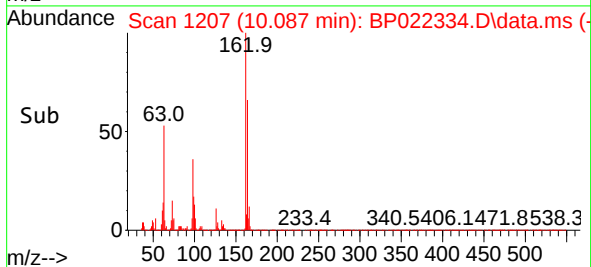
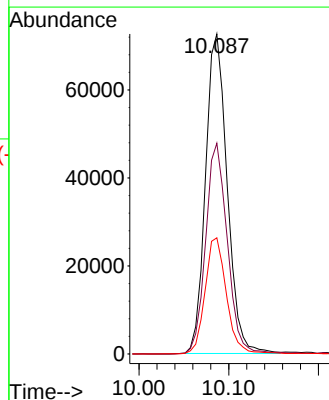
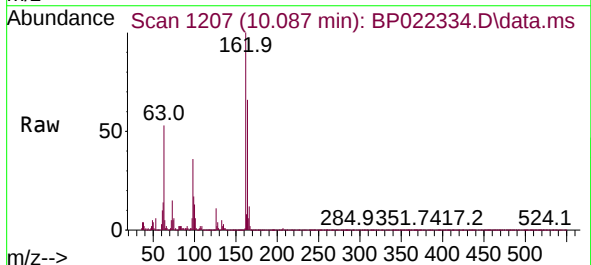
Tgt Ion:162 Resp: 121918

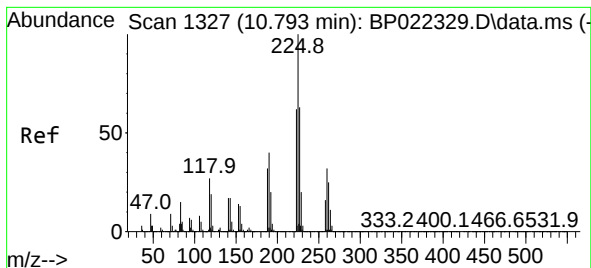
Ion Ratio Lower Upper

162 100

164 65.9 53.5 80.3

98 36.3 28.6 42.8





#33

Hexachlorobutadiene

Concen: 23.638 ng/ul

RT: 10.763 min Scan# 11

Delta R.T. -0.035 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

A4E73DL

Tgt Ion:225 Resp: 139572

Ion Ratio Lower Upper

225 100

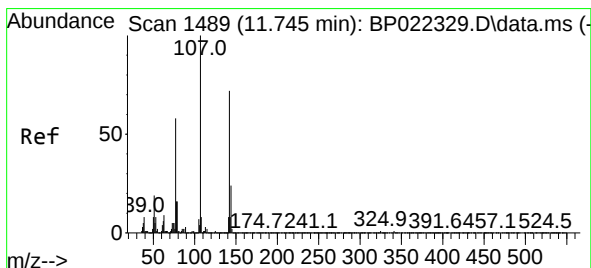
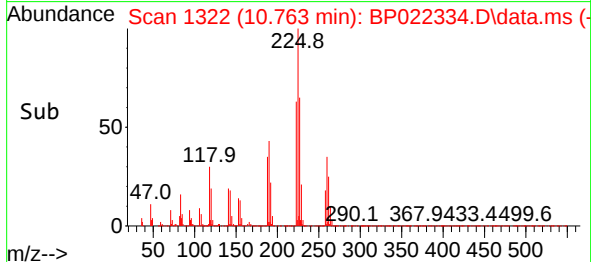
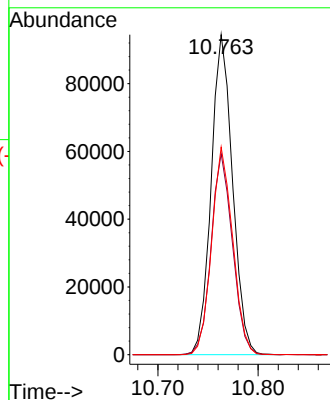
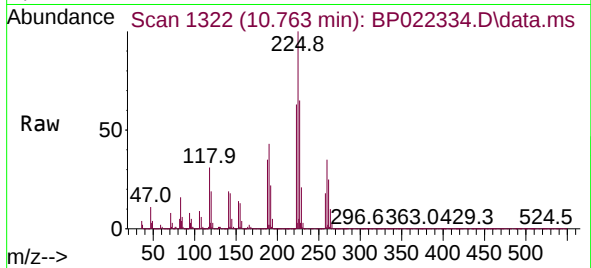
223 62.8 50.2 75.4

227 64.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#35

4-Chloro-3-methylphenol

Concen: 6.556 ng/ul

RT: 11.728 min Scan# 1486

Delta R.T. -0.018 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

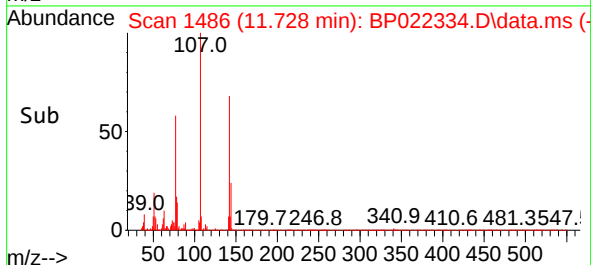
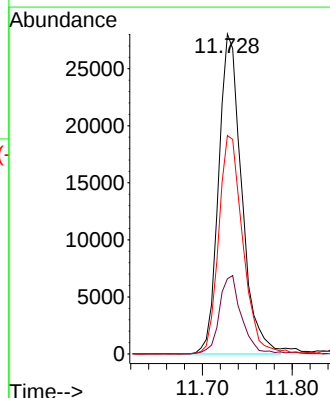
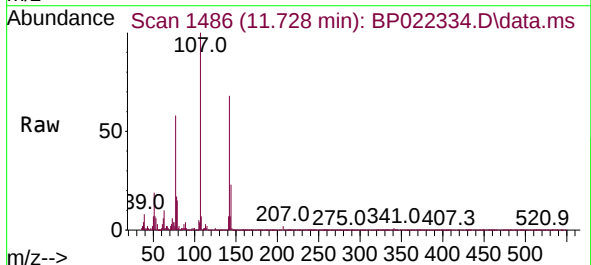
Tgt Ion:107 Resp: 50111

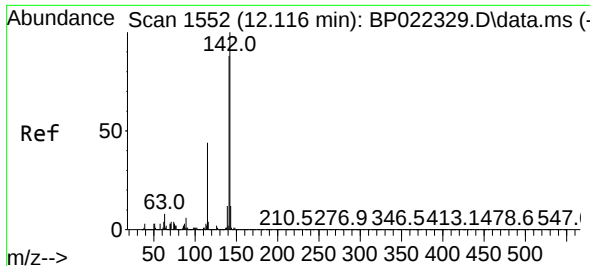
Ion Ratio Lower Upper

107 100

144 23.5 18.5 27.7

142 68.3 57.6 86.4





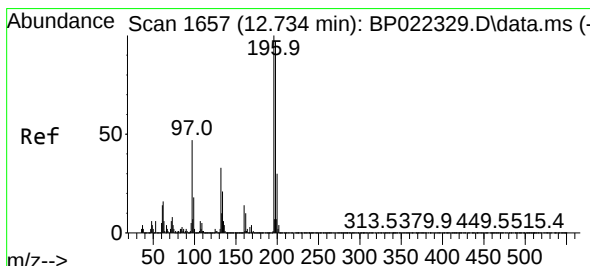
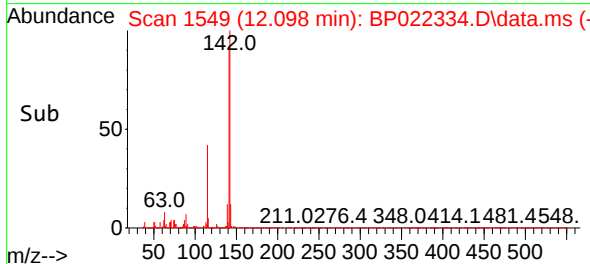
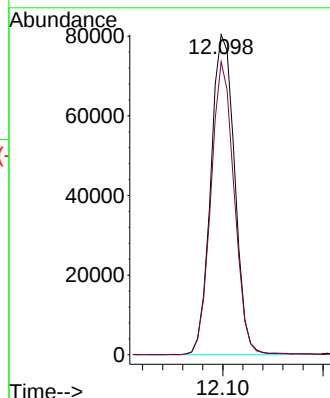
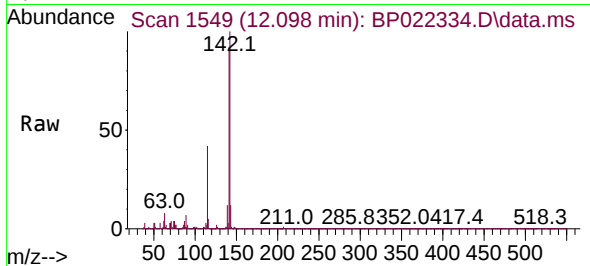
#36  
2-Methylnaphthalene  
Concen: 9.028 ng/ul  
RT: 12.098 min Scan# 1549  
Delta R.T. -0.018 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL

Tgt Ion:142 Resp: 132720  
Ion Ratio Lower Upper  
142 100  
141 91.5 69.8 104.6

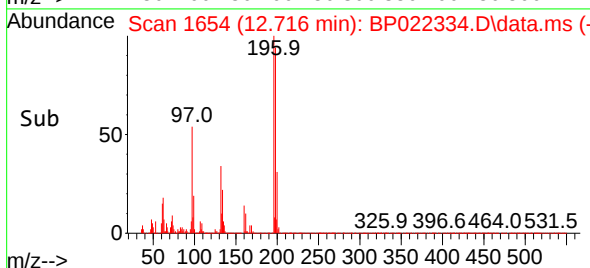
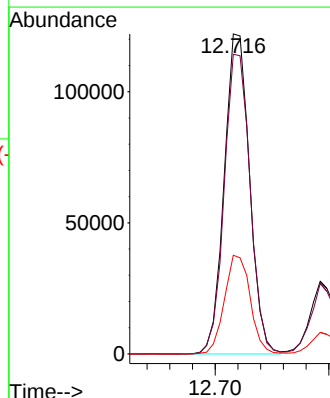
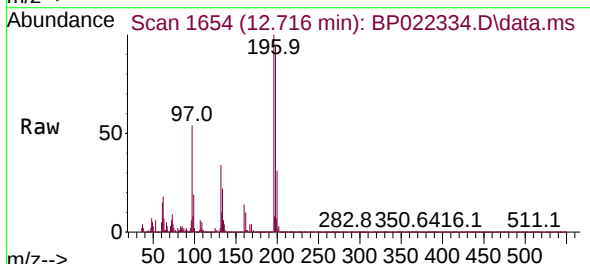
Manual Integrations  
APPROVED

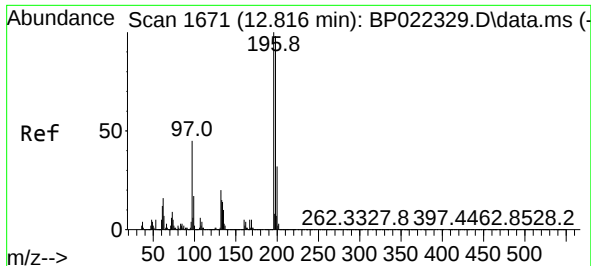
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#41  
2,4,6-Trichlorophenol  
Concen: 27.191 ng/ul  
RT: 12.716 min Scan# 1654  
Delta R.T. -0.018 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

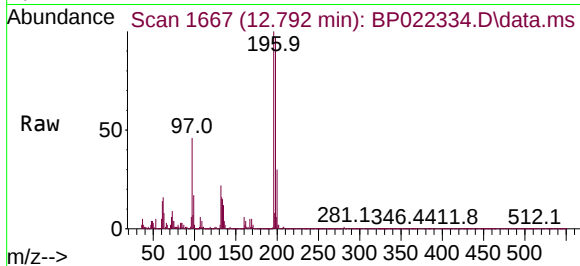
Tgt Ion:196 Resp: 189205  
Ion Ratio Lower Upper  
196 100  
198 93.6 75.8 113.8  
200 30.9 25.6 38.4





#42  
2,4,5-Trichlorophenol  
Concen: 6.124 ng/ul  
RT: 12.792 min Scan# 1667  
Delta R.T. -0.018 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

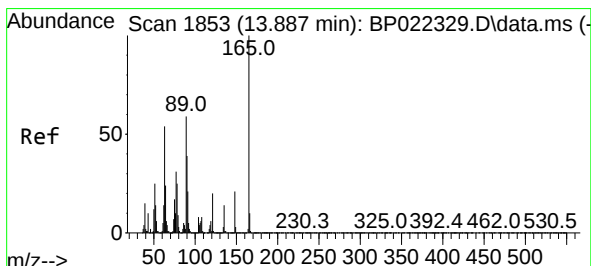
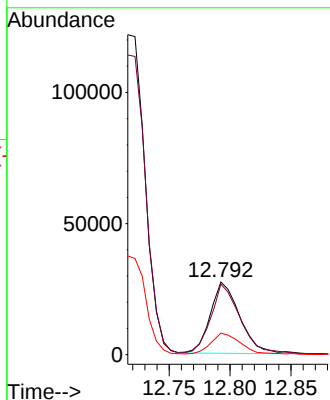
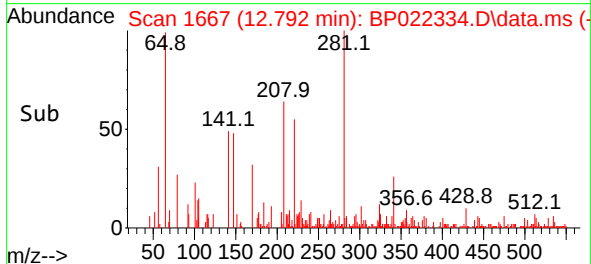
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:196 Resp: 4537  
Ion Ratio Lower Upper  
196 100  
198 97.0 78.0 117.0  
200 29.7 27.0 40.4

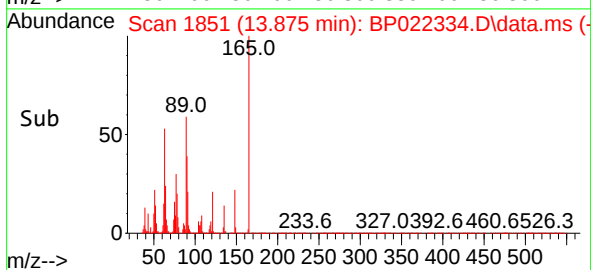
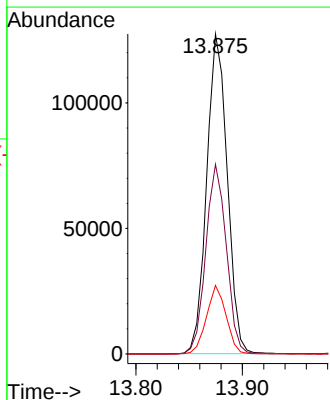
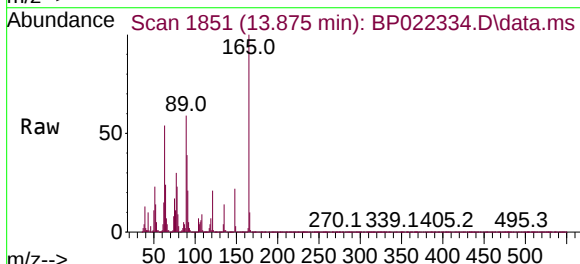
Manual Integrations  
APPROVED

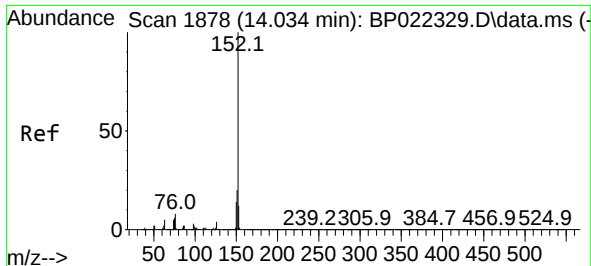
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#48  
2,6-Dinitrotoluene  
Concen: 38.090 ng/ul  
RT: 13.875 min Scan# 1851  
Delta R.T. -0.012 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

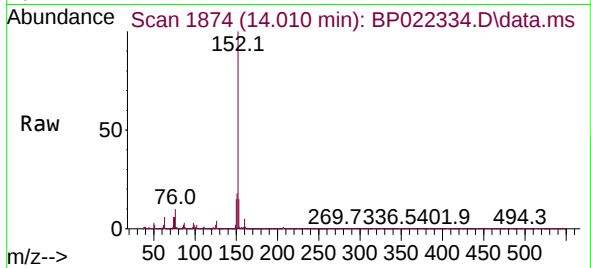
Tgt Ion:165 Resp: 170649  
Ion Ratio Lower Upper  
165 100  
89 59.2 50.2 75.4  
121 21.4 17.1 25.7





#50  
Acenaphthylene  
Concen: 3.123 ng/ul  
RT: 14.010 min Scan# 1878  
Delta R.T. -0.024 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

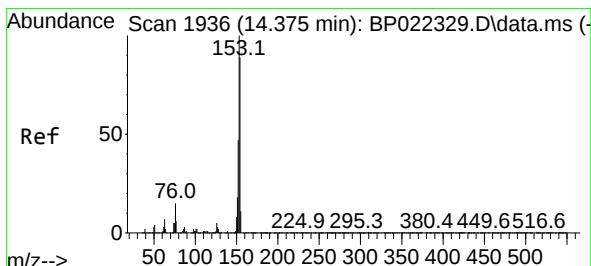
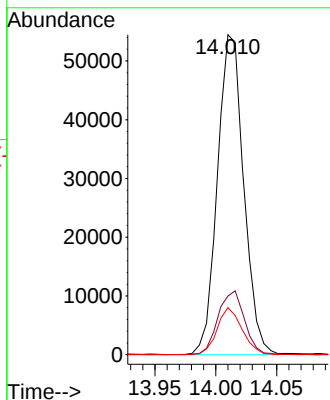
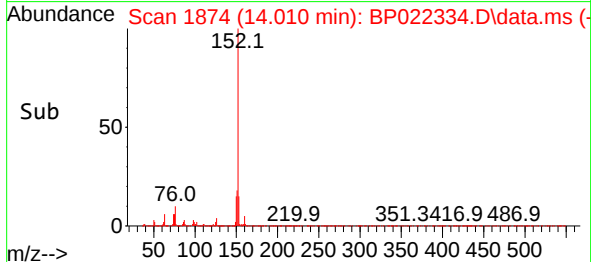
Instrument : BNA\_P  
ClientSampleId : A4E73DL



Tgt Ion:152 Resp: 81830  
Ion Ratio Lower Upper  
152 100  
151 18.4 15.8 23.6  
153 14.7 10.3 15.5

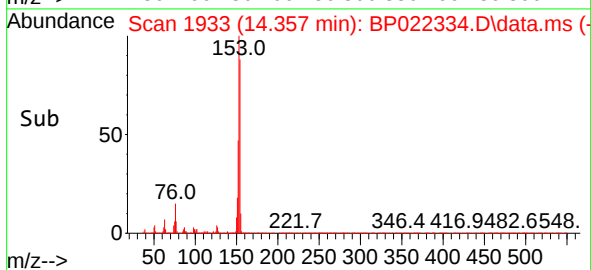
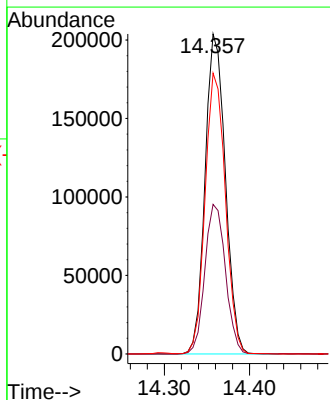
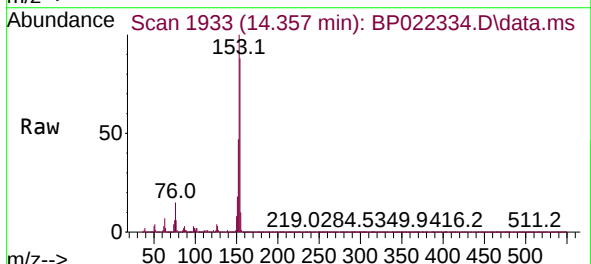
Manual Integrations  
APPROVED

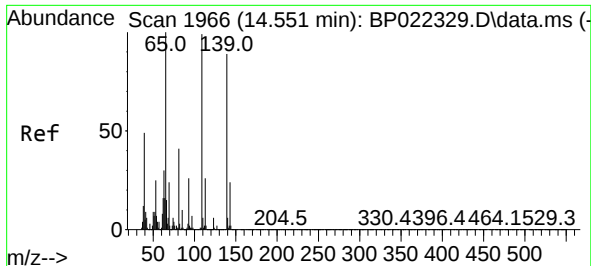
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#52  
Acenaphthene  
Concen: 18.166 ng/ul  
RT: 14.357 min Scan# 1933  
Delta R.T. -0.024 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

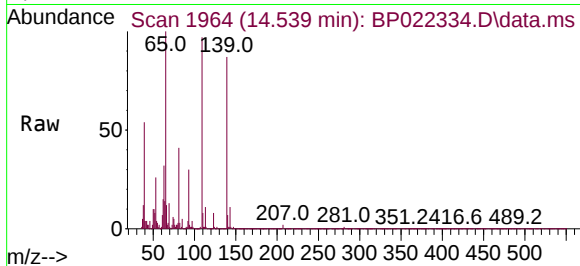
Tgt Ion:153 Resp: 336581  
Ion Ratio Lower Upper  
153 100  
152 46.7 37.8 56.6  
154 87.8 69.5 104.3





#55  
4-Nitrophenol  
Concen: 12.461 ng/ul  
RT: 14.539 min Scan# 1964  
Delta R.T. -0.000 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

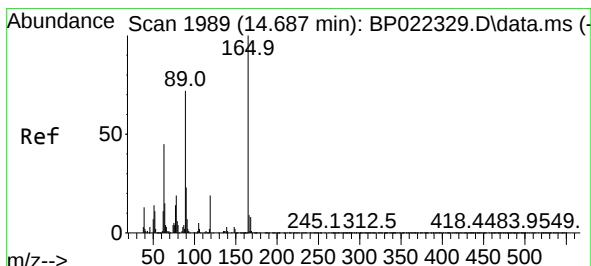
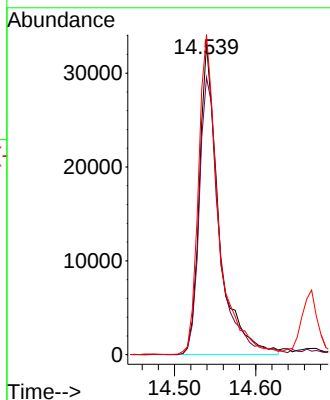
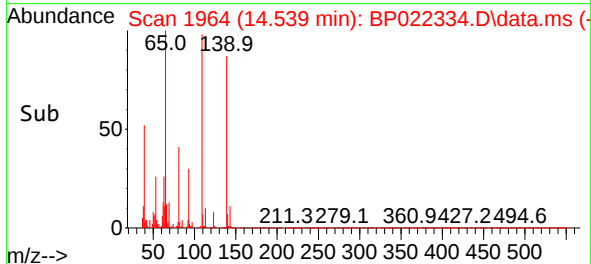
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:109 Resp: 55150  
Ion Ratio Lower Upper  
109 100  
139 89.4 76.4 114.6  
65 103.2 87.4 131.0

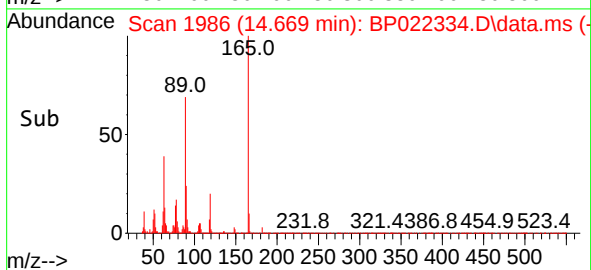
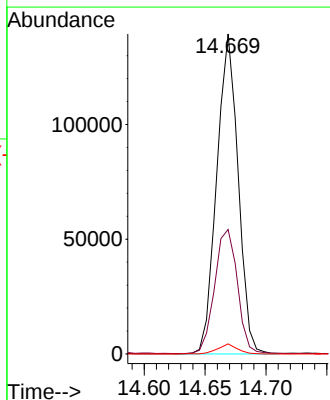
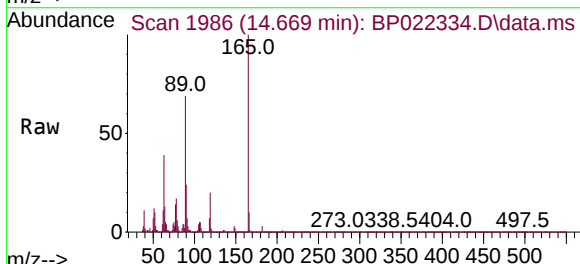
Manual Integrations  
APPROVED

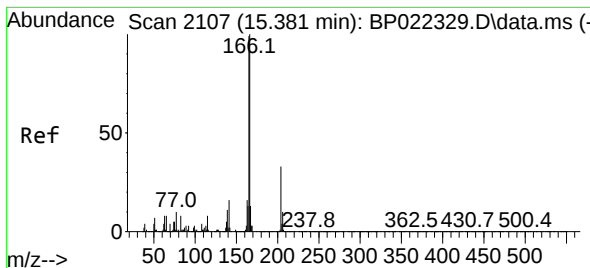
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#57  
2,4-Dinitrotoluene  
Concen: 24.521 ng/ul  
RT: 14.669 min Scan# 1986  
Delta R.T. -0.012 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Tgt Ion:165 Resp: 170709  
Ion Ratio Lower Upper  
165 100  
63 38.9 35.3 52.9  
182 3.2 2.6 4.0





#61

Fluorene

Concen: 28.243 ng/ul

RT: 15.363 min Scan# 2104

Delta R.T. -0.012 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

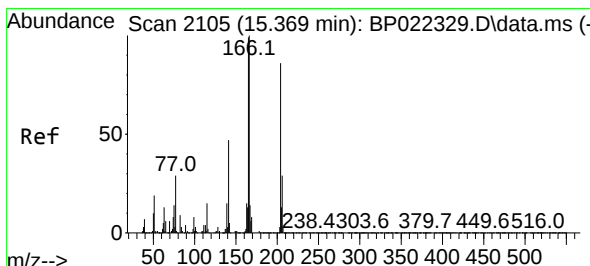
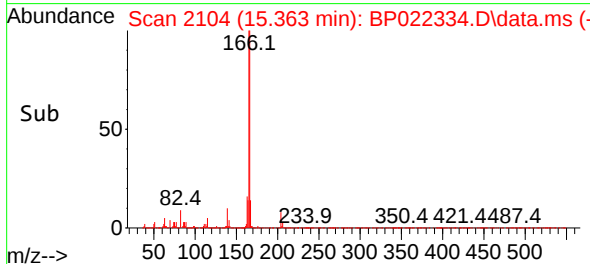
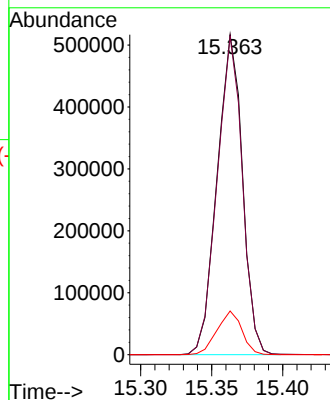
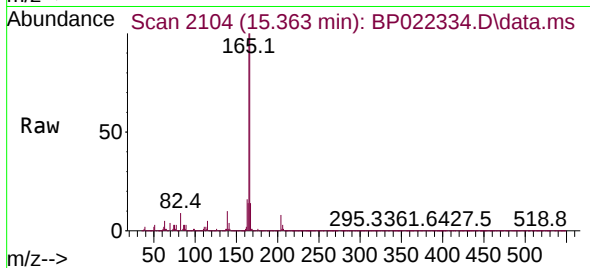
A4E73DL

|             |                 |
|-------------|-----------------|
| Tgt Ion:166 | Resp: 64049     |
| Ion Ratio   | Lower Upper     |
| 166         | 100             |
| 165         | 99.5 77.8 116.6 |
| 167         | 13.7 11.1 16.7  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#62

4-Chlorophenyl-phenylether

Concen: 8.785 ng/ul

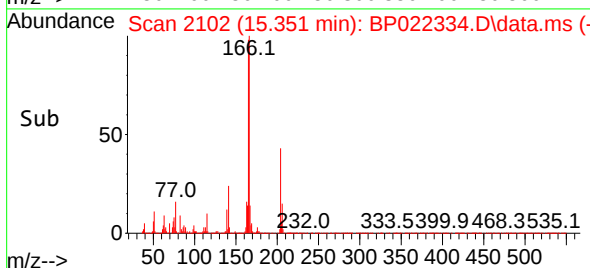
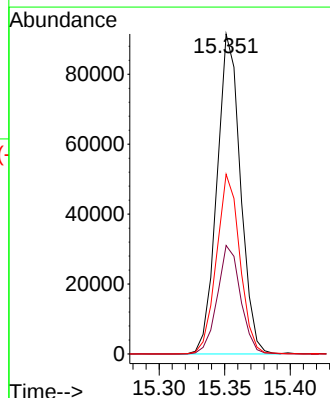
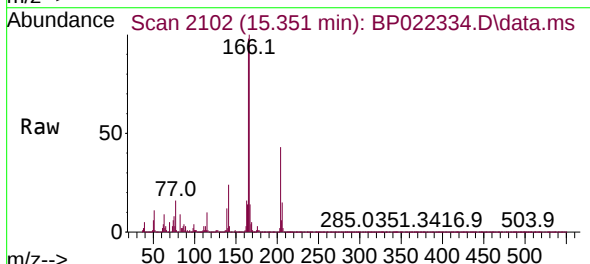
RT: 15.351 min Scan# 2102

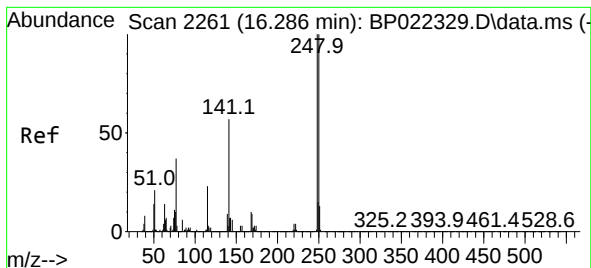
Delta R.T. -0.012 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

|             |                |
|-------------|----------------|
| Tgt Ion:204 | Resp: 113928   |
| Ion Ratio   | Lower Upper    |
| 204         | 100            |
| 206         | 33.9 26.4 39.6 |
| 141         | 56.2 42.6 63.8 |





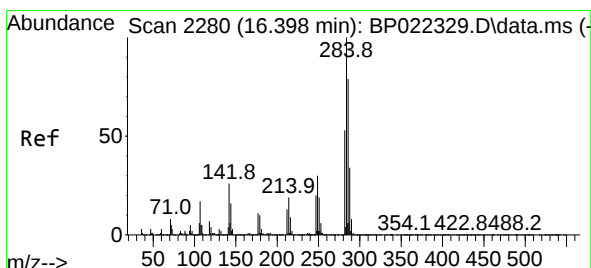
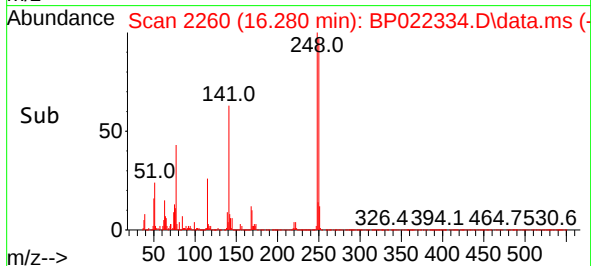
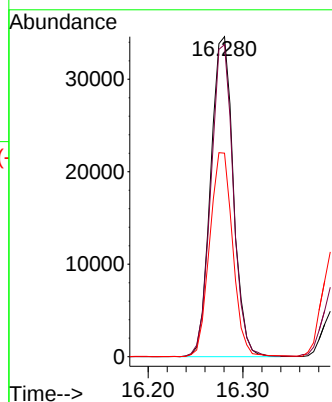
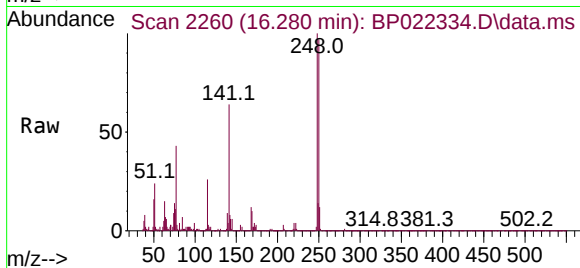
#68  
4-Bromophenyl-phenylether  
Concen: 6.569 ng/ul  
RT: 16.280 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL

Tgt Ion:248 Resp: 5753  
Ion Ratio Lower Upper  
248 100  
250 97.5 76.0 114.0  
141 63.6 49.0 73.6

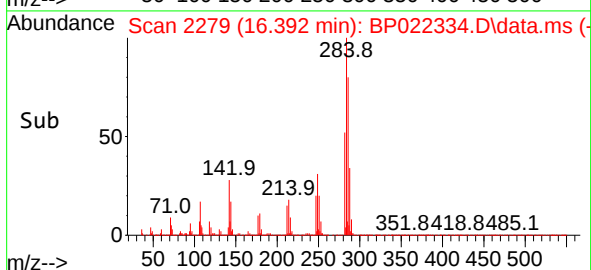
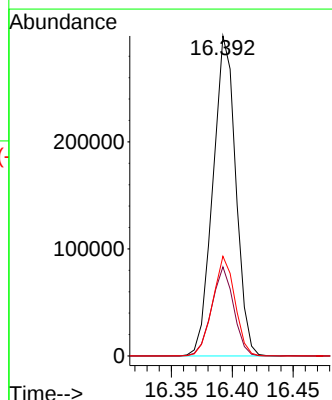
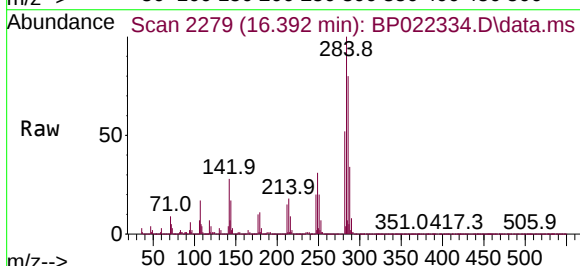
Manual Integrations  
APPROVED

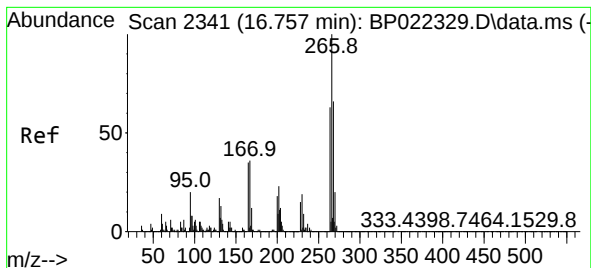
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#69  
Hexachlorobenzene  
Concen: 36.176 ng/ul  
RT: 16.392 min Scan# 2279  
Delta R.T. -0.012 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Tgt Ion:284 Resp: 389964  
Ion Ratio Lower Upper  
284 100  
142 27.8 21.8 32.8  
249 31.1 24.8 37.2





#71

Pentachlorophenol

Concen: 32.815 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

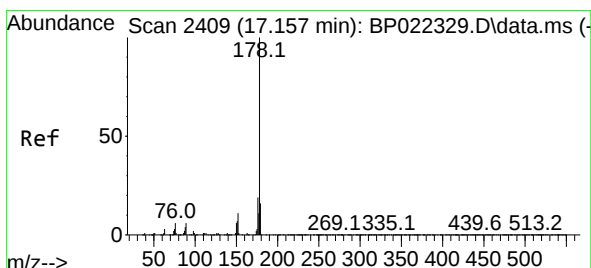
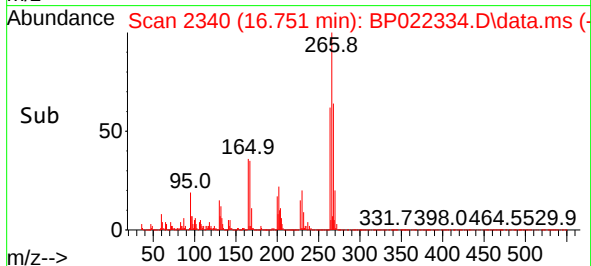
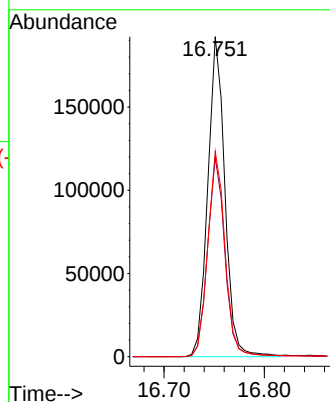
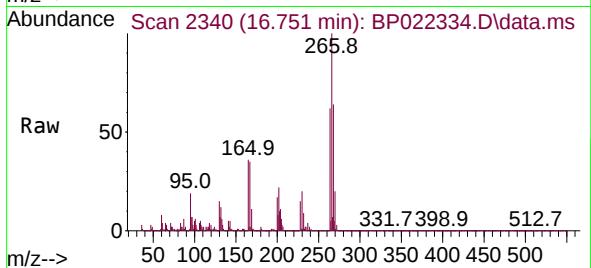
A4E73DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 22744 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 62.3  | 52.4  | 78.6  |
| 268       | 64.1  | 53.0  | 79.4  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#72

Phenanthrene

Concen: 7.089 ng/ul

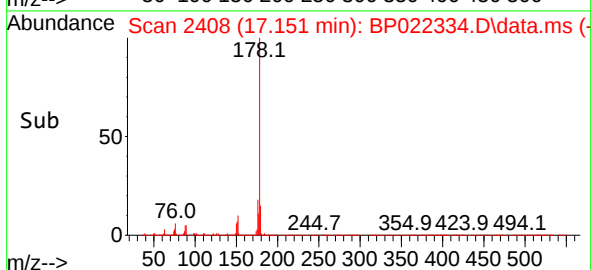
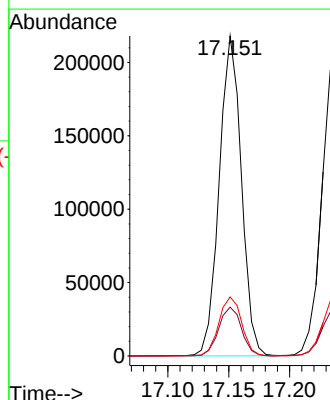
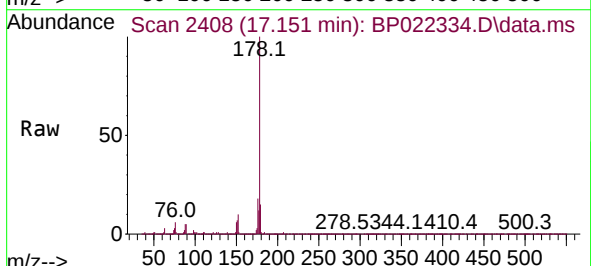
RT: 17.151 min Scan# 2408

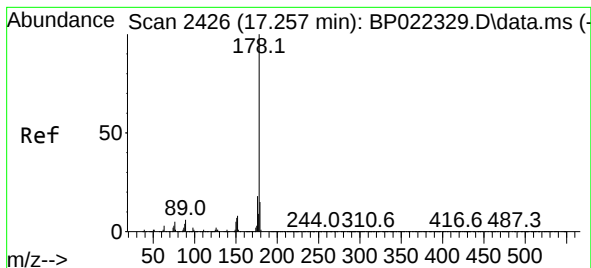
Delta R.T. -0.006 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 275425 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 179       | 15.2  | 12.2  | 18.4   |
| 176       | 18.5  | 15.7  | 23.5   |





#74

Anthracene

Concen: 7.135 ng/ul

RT: 17.233 min Scan# 2426

Delta R.T. -0.018 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

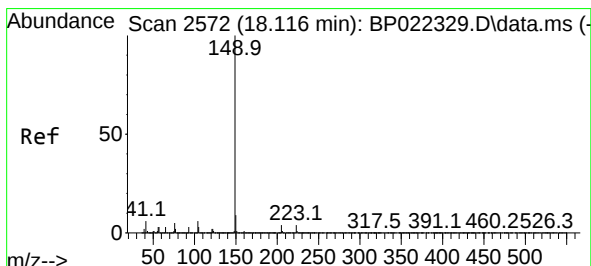
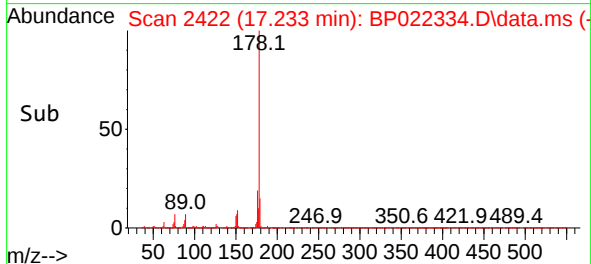
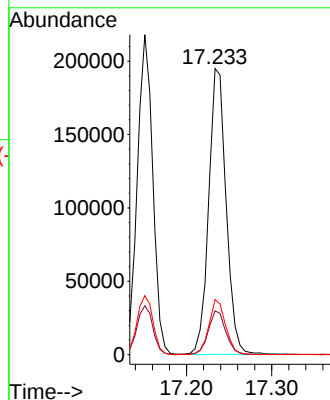
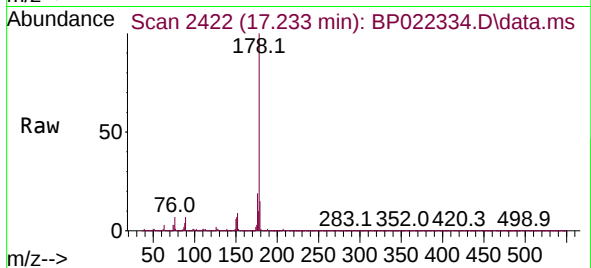
A4E73DL

|             |             |
|-------------|-------------|
| Tgt Ion:178 | Resp: 27663 |
| Ion Ratio   | Lower Upper |
| 178 100     |             |
| 179 15.3    | 12.0 18.0   |
| 176 19.3    | 15.0 22.4   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#78

Di-n-butylphthalate

Concen: 25.479 ng/ul

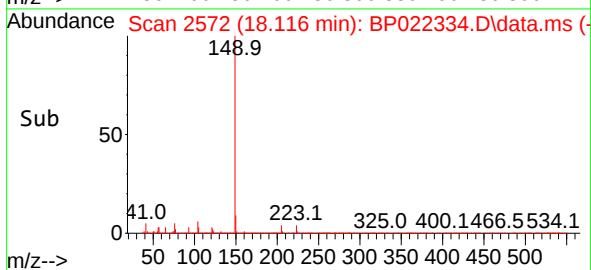
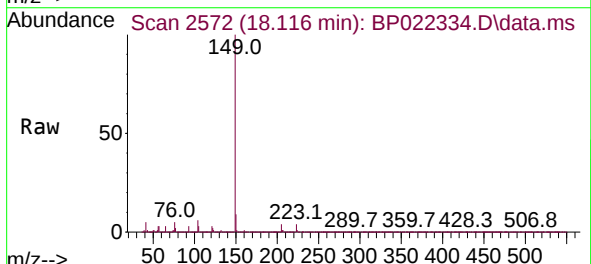
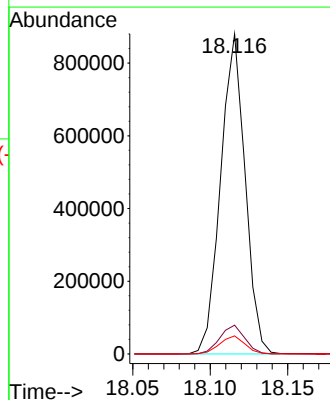
RT: 18.116 min Scan# 2572

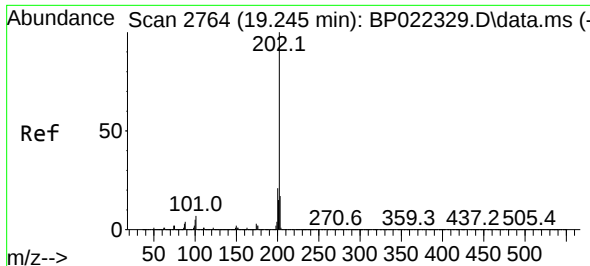
Delta R.T. -0.006 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

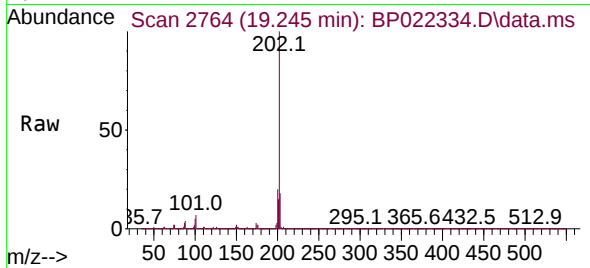
|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 967188 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 9.0     | 7.3 10.9     |
| 104 5.6     | 4.8 7.2      |





#80  
Fluoranthene  
Concen: 26.393 ng/u1  
RT: 19.245 min Scan# 2764  
Delta R.T. -0.000 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

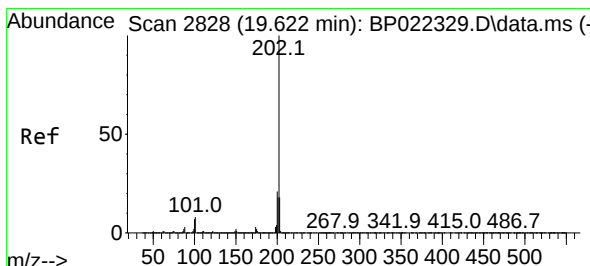
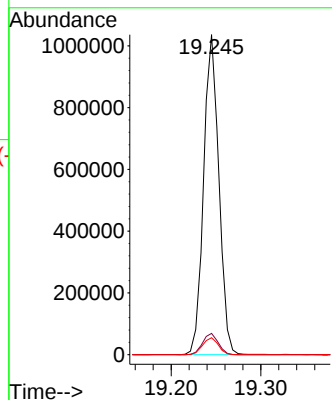
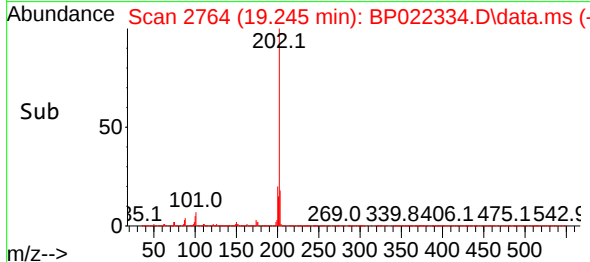
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:202 Resp: 1221129  
Ion Ratio Lower Upper  
202 100  
101 6.7 5.8 8.8  
100 5.3 4.5 6.7

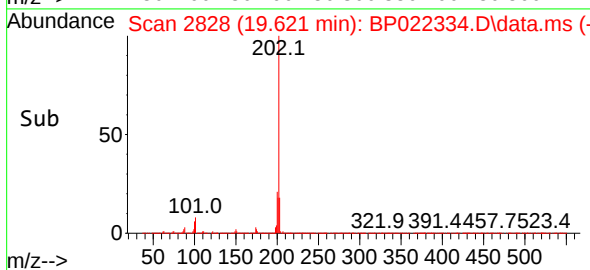
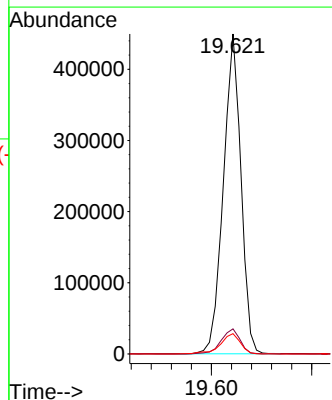
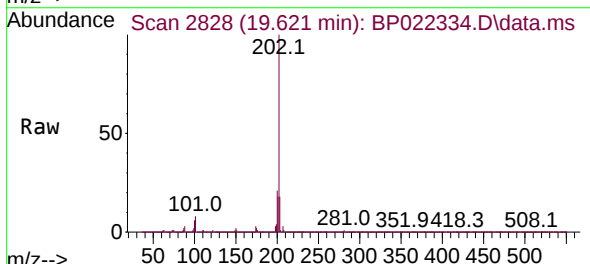
Manual Integrations  
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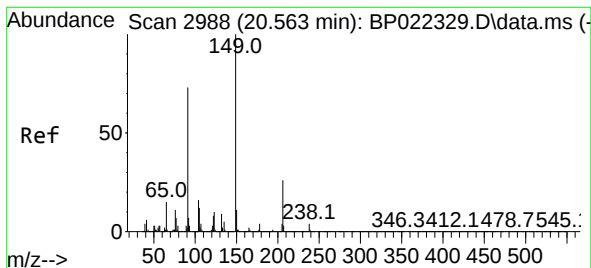
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#82  
Pyrene  
Concen: 11.014 ng/u1  
RT: 19.621 min Scan# 2828  
Delta R.T. -0.000 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Tgt Ion:202 Resp: 546187  
Ion Ratio Lower Upper  
202 100  
101 7.9 6.7 10.1  
100 6.4 5.8 8.6





#83

Butylbenzylphthalate

Concen: 6.479 ng/ul

RT: 20.574 min Scan# 2988

Delta R.T. -0.000 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

A4E73DL

Tgt Ion:149 Resp: 11186

Ion Ratio Lower Upper

149 100

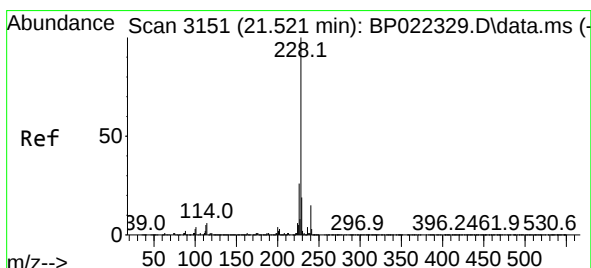
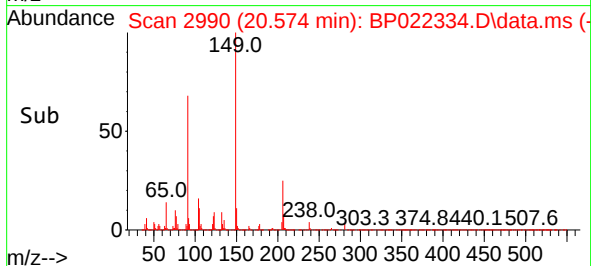
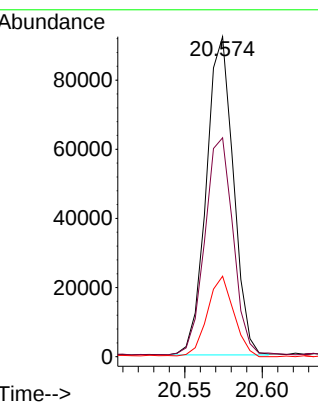
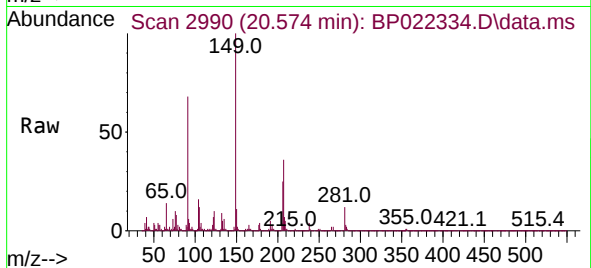
91 68.4 56.6 84.8

206 25.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#85

Benzo(a)anthracene

Concen: 19.881 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. 0.006 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

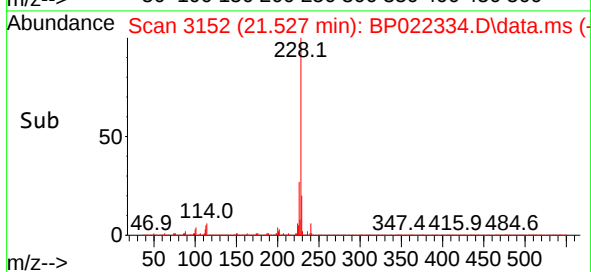
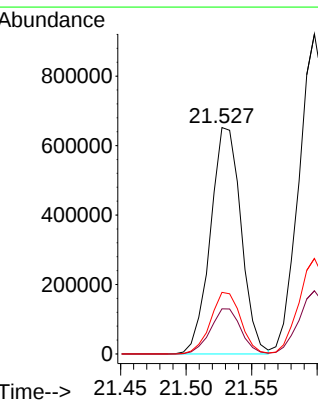
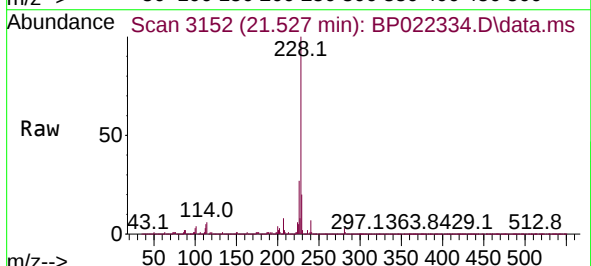
Tgt Ion:228 Resp: 1060713

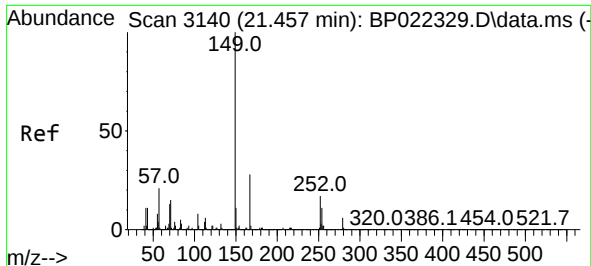
Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

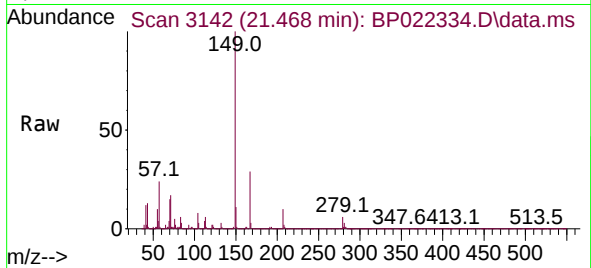
226 27.2 21.5 32.3





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 27.399 ng/ul  
RT: 21.468 min Scan# 3142  
Delta R.T. 0.006 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

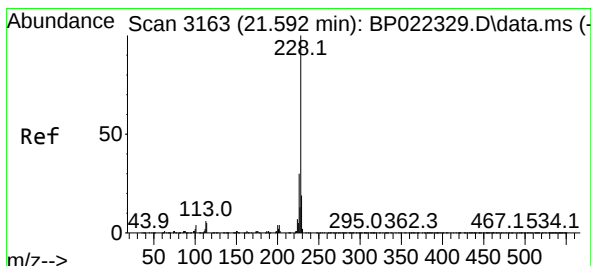
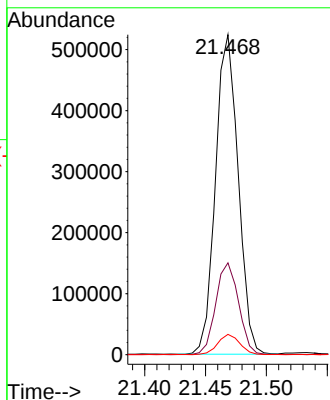
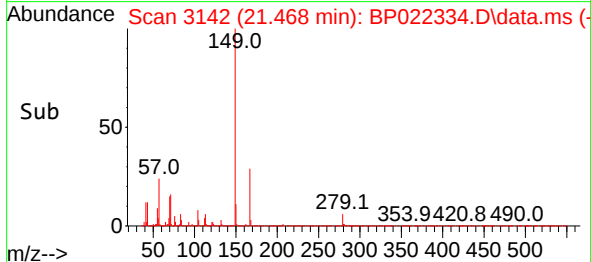
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:149 Resp: 679020  
Ion Ratio Lower Upper  
149 100  
167 28.7 23.0 34.4  
279 6.3 4.8 7.2

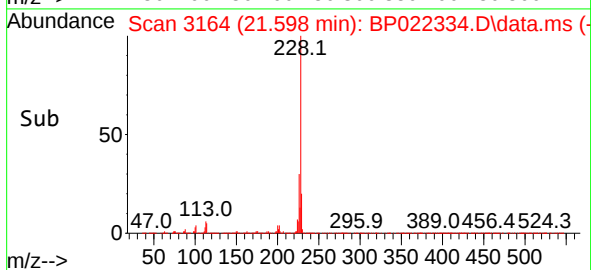
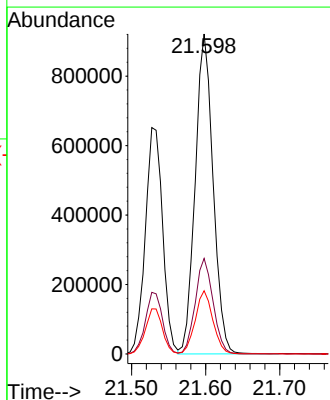
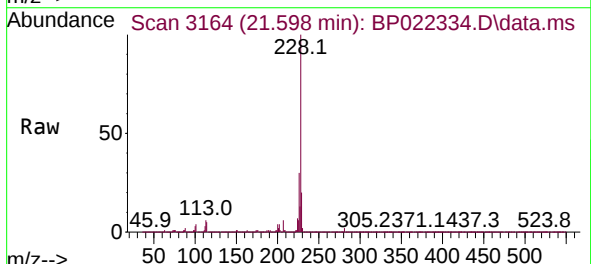
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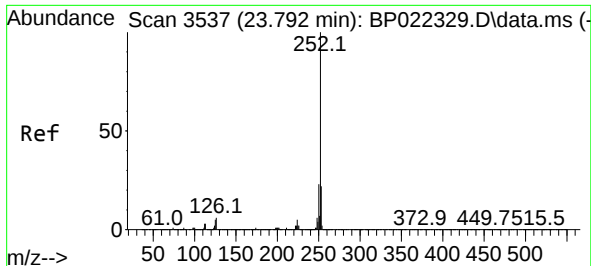
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#87  
Chrysene  
Concen: 31.285 ng/ul  
RT: 21.598 min Scan# 3164  
Delta R.T. 0.006 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

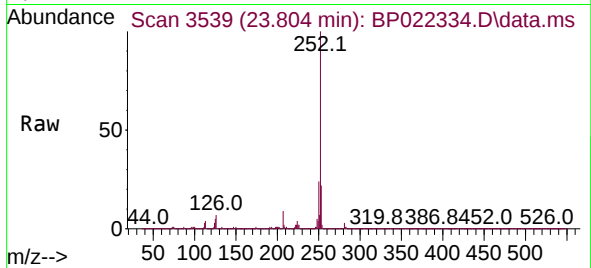
Tgt Ion:228 Resp: 1547708  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.8  
229 19.7 15.5 23.3





#90  
Benzo(b)fluoranthene  
Concen: 26.560 ng/u1  
RT: 23.804 min Scan# 3539  
Delta R.T. 0.017 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

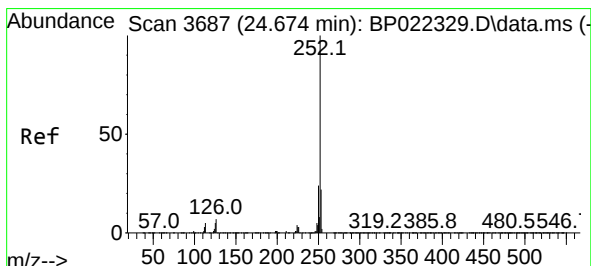
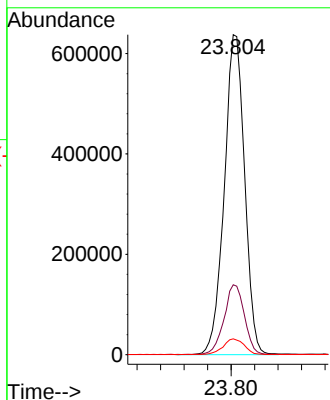
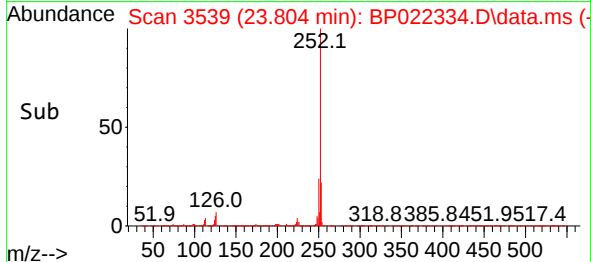
Instrument :  
BNA\_P  
ClientSampleId :  
A4E73DL



Tgt Ion:252 Resp: 1531120  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 4.9 5.0 7.4

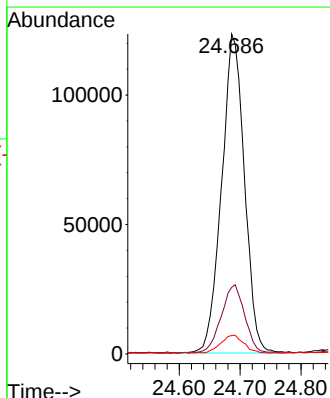
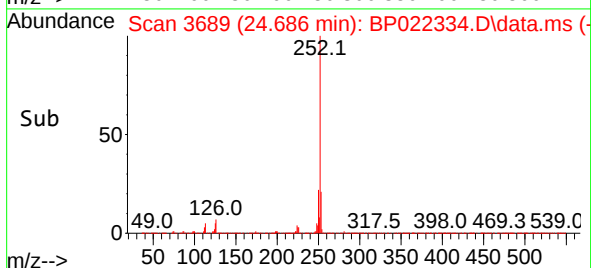
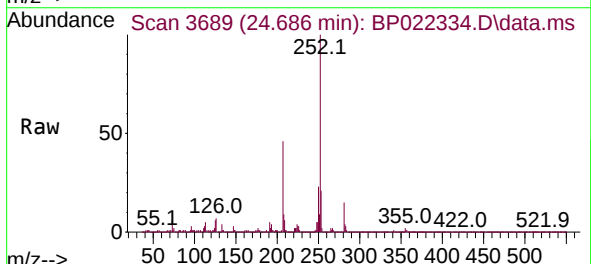
Manual Integrations  
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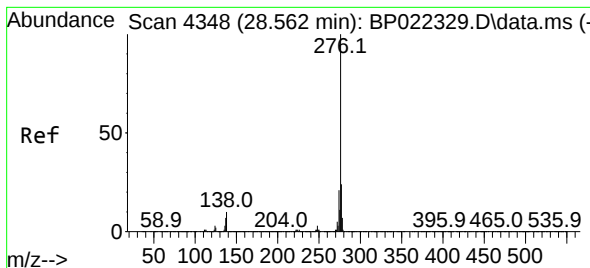
Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#93  
Benzo(a)pyrene  
Concen: 6.040 ng/u1  
RT: 24.686 min Scan# 3689  
Delta R.T. 0.012 min  
Lab File: BP022334.D  
Acq: 11 Oct 2024 14:42

Tgt Ion:252 Resp: 320456  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.7 26.5  
125 5.8 4.9 7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.734 ng/ul m

RT: 28.656 min Scan# 4364

Delta R.T. 0.094 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

Instrument :

BNA\_P

ClientSampleId :

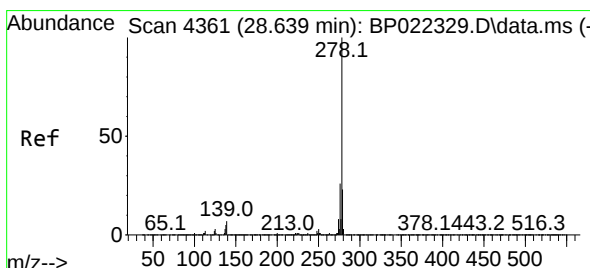
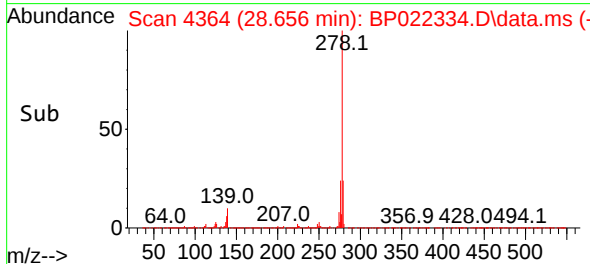
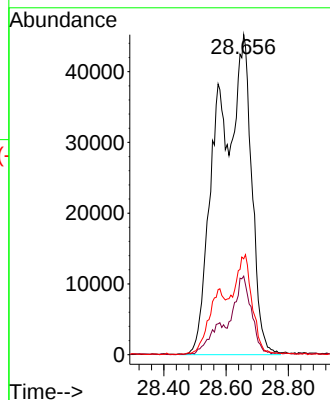
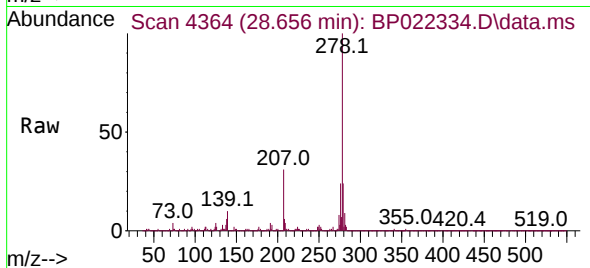
A4E73DL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 33518 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 24.6  | 9.1   | 13.7  |
| 277       | 30.0  | 18.6  | 27.8  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
Supervised By :mohammad ahmed 10/15/2024



#95

Dibenzo(a,h)anthracene

Concen: 12.257 ng/ul

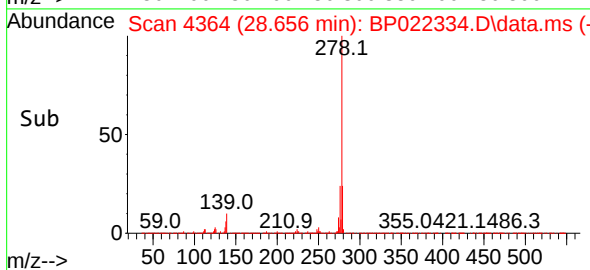
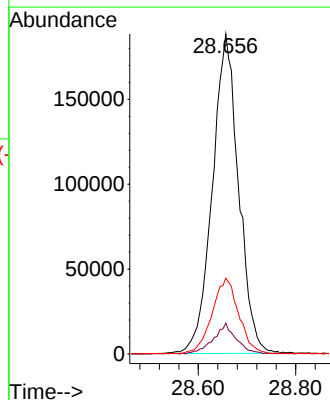
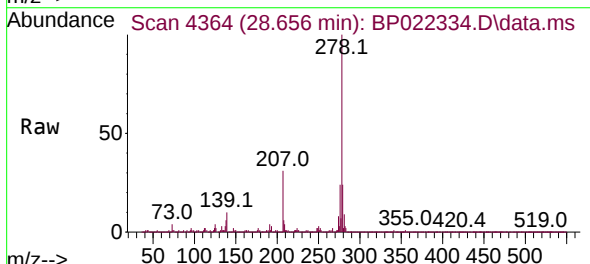
RT: 28.656 min Scan# 4364

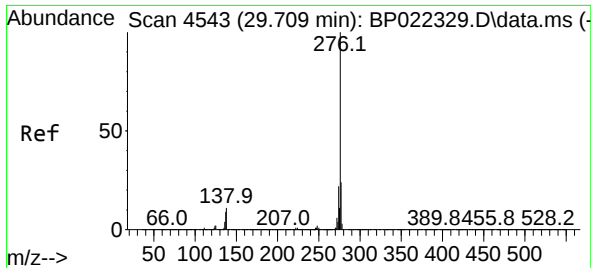
Delta R.T. 0.023 min

Lab File: BP022334.D

Acq: 11 Oct 2024 14:42

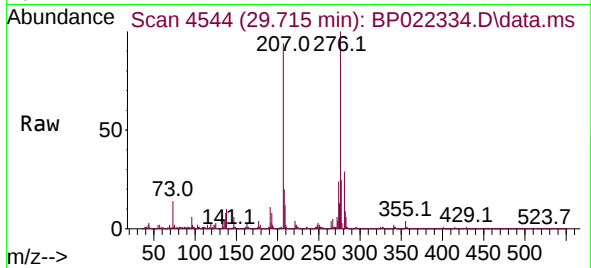
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 702755 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 9.7   | 7.3   | 10.9   |
| 279       | 23.7  | 19.0  | 28.4   |





#96  
 Benzo(g,h,i)perylene  
 Concen: 4.206 ng/ul  
 RT: 29.715 min Scan# 4544  
 Delta R.T. -0.000 min  
 Lab File: BP022334.D  
 Acq: 11 Oct 2024 14:42

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4E73DL



Tgt Ion:276 Resp: 231640  
 Ion Ratio Lower Upper  
 276 100  
 138 10.1 8.5 12.7  
 277 25.0 19.0 28.4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024  
 Supervised By :mohammad ahmed 10/15/2024

