Baseline Tests

1. Home
   1. Go to <http://localhost:8080> and make sure that the home page is displayed
2. Upload Files
   1. Click **Upload Files** on the left navigation bar
   2. Select **Gas Chromatography**, click **Browse**, select two files Pest\_mix\_8.msp and Pest\_mix\_9.msp, click **Upload**.
   3. After clicking **Upload**, the submission page should be displayed with two (2) tabs.
   4. Check that tab **Mass Spectra** contains a table of spectra with 25 pages and 10 entries in each page.
      1. In the search box type “#1” and make sure that only compounds starting with “#1” are displayed,
      2. Go to page 2 and page 7 of the table of spectra.
      3. In the search box type “#11”.
      4. Empty the search box and click the first compound name “#1 147.1168 m/z @3.02”
      5. The spectrum page should be displayed with two (2) tabs **Spectrum Properties** and **Peaks**.
      6. Go to tab **Peaks** and zoom in and zoom out the spectrum plot.
      7. Check that the table of peaks contains 24 pages with 10 entries in each page.
      8. On the **Spectrum Properties** page, click link **New Submission.** The submission page should be displayed.
   5. Check that tab **Files** contains a table of files with 1 page and 2 entries.
      1. In search bar, type 8 and make sure that only file “Pest\_mix\_8.msp” is displayed
      2. In search bar, type 5 and make sure that only file “Pest\_mix\_9.msp” is displayed
      3. Click on “Pest\_mix\_8.msp”. A new browser tab/window will pop up with the corresponding original msp-file.
      4. Click the icon that looks like a clip (View). A new browser tab/window will pop up with the corresponding original msp-file.
      5. Click the download icon and you’ll see a prompt to save a file.
   6. Click button **Clear** to remove the uploaded submission. The upload page will be displayed.
3. Spectra
   1. Click **Spectra** on the left navigation bar
   2. Try using the search box
   3. Click on a spectrum name. The cluster page will be displayed. You will see a four (4) tabs: **Consensus Spectrum**, **Spectrum Plot**, **Pie Chart**, and **Spectrum List**.
   4. In tab **Consensus Spectrum**, click the name of the consensus spectrum. The spectrum page will be displayed. In tab **Spectrum Properties**, click the cluster name. The cluster page will be displayed.
   5. In tab **Spectrum Plot**, zoom in and zoom out the spectrum plot. Click on different rows in the list of spectra and see how the plot changes. Try the search box.
   6. Click on tab **Pie Chart.** Depending on your data, there may and may not be pie charts.
   7. In tab **Spectrum List**, click on spectrum name. The spectrum page will be displayed. In **Spectrum Properties**, click the name of the cluster. The cluster page will be displayed.
   8. In tab **Spectrum List**, click on submission name (below spectrum name). A submission page will be displayed. In addition to tabs **Mass Spectra** and **Files**, you will see a new tab **Submission Properties**. Make sure that you don’t see button **Edit Submission**.
4. Log-in / Sign-in