Recipe 3.5. Exporting peak list charts

Table of contents

1. Problem

You need to export a graph image from MS peak list.

2. Solution

First, you have to create a renderer with possible settings

```
MSRenderer renderer = MSRenderer.newInstance();
renderer.setBarWidth(0.1);
renderer.setXAxisLegend("mass-to-charge");
```

then you add your MS peak lists

```
PeakList plTheo =
        new PeakListImpl.Builder(masses).annotations(annotations).build();

PeakList plExp =
        new PeakListImpl.Builder(masses).intensities(intensities).build();


renderer.addDataSet(plExp, "MS Data 1");
renderer.addDataSet(plTheo, "MS Data 2");
```

and render the graph

```
        renderer.exportChart("/tmp", "graph");
```

3. Discussion

4. See Also