

Operation Procedure for Bruker amaZon SL MS with Shimadzu HPLC (Apr 2018)

1, turn on HPLC Pump and MS

In HyStar window, 'Right Click' in the yellow area to toggle pump and MS on/off. Or click the Pump icon to turn on/off the pump. MS can also be turned on/off in the trapControl window.
Yellow = Standby; Green = Ready

2, Sample Table window: add samples

Click to open **Sample Table** from the HyStar window, right click to add new samples, or from menu: Edit -> Add New Samples

Under General tab, and Sample description, input **Sample ID**;

Under Autosampler Parameters: update **Vial Position**, and **inject Volume**

(depending on concentration, 1 to 10 μL is recommended. Sample loop volume is 100 μL)

Under Result Data Path, choose your subdirectory, which is the folder to save your data

Click the first sample line in the sequence. then click '**Acquisition**' and save the Sample table when asked

You may choose a different method under the Methods Tab for the LC-MS run.

3, HyStar window: start the run

click 'Start autosampler sequence' to start a sequence or just one sample. Monitor the mass range when segment 2 starts. MS range can be modified in real time during LC-MS run

4, Compass DataAnalysis window: data process

When run finishes, open data in the Compass DataAnalysis. Make sure that View Spectra/Select Range is active under the Chromatogram window

Click the chromatogram, and the mass spectrum should show up in the Spectrum View window

When the correct mass spectrum shows up, right click and select Copy to compound Spectra

From menu: File-> Print Preview and click Preview

The preview can then be saved as PDF document

Note, make sure you see L:1.5mL displayed on the AutoSampler screen. If not, the sample rack is not inserted all the way or not inserted correctly.