Hi Byron,

Sorry for the delayed reply.

Here are the instructions for tuning the MS:

Tuning the MS

About once a month or if the response of the MS has decreased by more than 20% since

the last tune, a MS tune needs to be performed.

The Agilent manual describes how to do a regular “autotune”, but what we want to do

is a "Low mass autotune". Follow these steps to perform the “Low mass autotune”:

1. The instrument needs to be idle (no sequence running). Best time to do that is

when you are done with one of the regular sequence, before you get a new one

setup.

2. In the Mass Hunter software, in the top meu bar click on View and select "Tune

and Vacuum Control".

3. Got to the “Tune" menu. What you need to do is select "Low mass autotune".

4. Once you have clicked on that, the MS will start the tune and that will take a

few minutes.

5. When it's done, it might ask you to save the tune report as a pdf. If it does, it

will point you in the directory where previous tune reports have been saved. I

typically give it the following name: LowMass\_YYYYMMDD.pdf (remember where it is

saved so that you can access this file later on).

6. Then, you need to save the tune parameters. I'm not sure in which menu that is,

but you should find "save tune parameters" in one of the menus. By default, the file

it will save to is named "LowMass.u". Don't change that name, just click OK.

7. Once the tune parameters have been saved, go to "View" and select "Instrument

Control" to get back to the regular instrument view.

Cheers,

Jacques