

## MassHunter Acquisition for TOF/Q-TOF B.05.01 SP2

B.05.01 Service Pack 2 addressed two and the only two issues listed below:

### Issue Id: 212462 (TeamTrack)

- **Title:** Fragmentor voltage optimization for low masses in Autotune
- **Problem Descriptions:** The problem only occurs with TOF system, where the system lacks the quadrupole optics (especially collision cell to cool down the ions). In order to increase sensitivity for low mass ions, the ion fragmentor (currently set at 190V) should be set at 165V. In positive mode, the appropriate compensation for our TOF systems was implemented correctly (the default value was already reduced from 215V to 175V in previous software release).

### Issue Id: 225781 (TeamTrack)

- **Title:** 40 spectra per second In extended dynamic range not available in B.05.01 for G6224A/G6230A/B TOF
- **Problem Descriptions:** The minimum number of transients allowed in the method was changed from 200 to 250, which limits the maximum scan rate from 42 to 33. Please note that Tune UI does not limit the minimum number of transients that one can run.

### Installed/Modified Files

The following files were modified between B.05.01 SP1 and B.05.01 SP2

Filename	B.05.01 SP1 size	B.05.01 SP2 size	B.05.01 SP1 date	B.05.01 SP2 date
agtmsconfiguration.xml	400 KB	400 KB	3/5/2013 10:22 AM	3/31/2014 4:20 PM
agtqtof_tune.ocx	1665 KB	1661 KB	4/9/2013 4:14 PM	3/4/2014 12:18 PM
AgtQTOFTuneSpecCtl.ocx	85 KB	84 KB	4/9/2013 4:14 PM	3/4/2014 12:17 PM
agtqtoptimize.exe	305 KB	333 KB	4/9/2014 4:14 PM	3/4/2014 12:17 PM
agtqtfauto tune.exe	809 KB	809 KB	4/9/2013 4:14 PM	3/4/2014 12:16 PM
agttofTuneLib.dll	389 KB	380 KB	4/9/2013 4:13 PM	3/4/2014 12:16 PM
agttofcaliblib.dll	233 KB	228 KB	4/9/2013 4:14 PM	3/4/2014 12:15 PM
agttofGlobals.dll	145 KB	144 KB	4/9/2013 4:13 PM	3/4/2014 12:15 PM

**Installing the Service Pack:**

1. To install the service pack, right click on the executable, select "Run as Administrator" and follow the on screen instructions.