Software Release Bulletin

QTOF/TOF Acquisition QTOF/TOF Acquisition B.05.01 SP2

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Preface

This Software Release Bulletin documents all fixes and enhancements that are incorporated the new release.

Keyword Glossary

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KPR#: 14414 Product: QTOF/TOF Acquisition QTOF/TOF Acquisition B.05.01 SP1

Keyword:

One-line Description:
40 Spectra per Second In Extended Dynamic Range Not Available in B.05.01 for G6224A/G6230A/B TOF

Problem:
Customer's method call for 40 spectra per second with no polarity switching. They upgraded their software from MassHunter Acquisition B.02.01 to MassHunter Acquisition B.05.01. With the old software, they had this feature. With the new software, they can only acquire 33 spectra per second before the software goes pink and will not allow the field to be updated. The customer found that if they put the

system in High Resolution Mode, the software will allow them to input 40 spectra per second. However, they require Extended Dynamic Range for their method.
Temporary Solution:
n/a
Fix Information:
This issue was fixed with the release of Service Pack 2 for MassHunter Acquisition for TOF and QTOF B.05.01.

KPR#: 14415 Product: QTOF/TOF Acquisition QTOF/TOF Acquisition Future

Keyword:

One-line Description:
Default fragmentor voltage not optimum for autotune in negative mode

Problem:
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).
Temporary Solution:
n/a
Fix Information:
Change the default value for Fragmentor in negative ion mode from 190V to 165V and changing SW to load the optimal value after Autotune has been completed.
