Real-Time Collisional Energy Optimization on the Orbitrap Fusion Platform for Confident Unknown Identification
Derek J. Bailey, Graeme C. McAlister, Seema Sharma, Philip M. Remes, Ralf Tautenhahn, and Ioanna Ntai
Thermo Fisher Scientific, San Jose, CA, 95134k

## ABSTRACT

Purpose: Real-time selection of optimal collision energy for compound tragmentation.




INTRODUCTION






 materials and methods






User Interface



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the raw ilie.
Ginseng Extract increased $-300^{\circ}$ when us
HCO for the MS ${ }^{2}$ stage.



Figure 5 . The efficct of assisted collision energy on the duty cycle of an MSMS
 Platiorm


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 beter. The stepped spectrum contains many th the same ions
lower SN, and a large e oortion of ions doesnit appeara a all.
CONCLUSIONS

- Assisted $C E$ can help select the best collision energy per compound on the
chiomatographic timescal.

The method is robust and can be optimized to have a limited impact on the overall Avaiale forall Tribidid instument models in the standard mettod editio application

## REFERENCES



ACKNOWLEDGMENTS

TRADEMARKS/LICENSING



