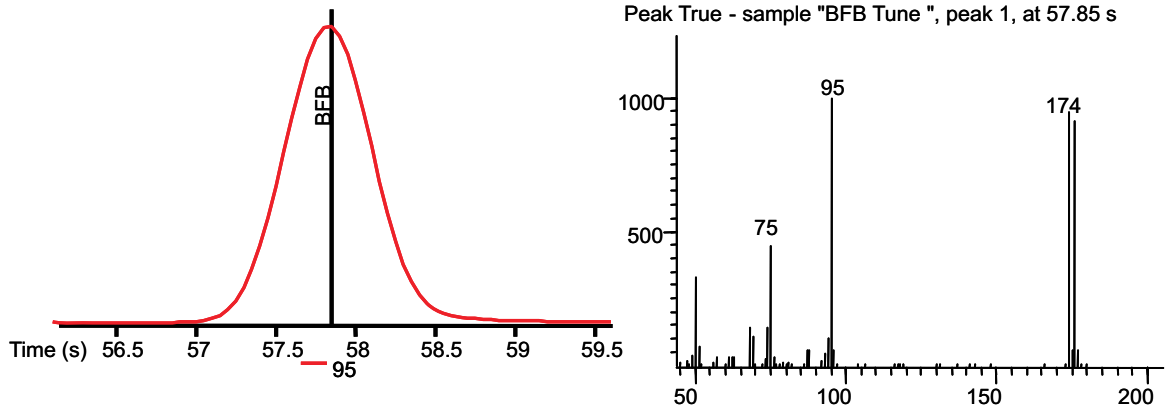


BFB Tuning with GC-TOFMS

Life Science and Chemical Analysis Centre
LECO Corporation, Saint Joseph, Michigan USA



Chromatogram and Peak True Spectrum for a BFB injection.

Table 1. BFB Tune Criteria and Result

Mass	Criteria	Relative Abundance	Pass/Fail
50	>15.00% and < 40.00% of mass 95	33.11	Pass
75	>30.00% and < 60.00% of mass 95	44.59	Pass
95	Base Ion	100.00	Pass
96	> 5.00% and < 9.00% of mass 95	5.81	Pass
173	< 2.00% of mass 174	0.29	Pass
174	> 50.00% and < 100.00% of mass 95	94.65	Pass
175	> 5.00% and < 9.00% of mass 174	6.19	Pass
176	> 95.00% and < 101.00% of mass 174	96.85	Pass
177	> 5.00% and < 9.00% of mass 176	5.86	Pass

Column:

10 m x 0.18 mm x 0.2 µm Rtx-5

TOFMS:

45 to 200 m/z @ 20 spectra/s

For questions on this analysis e-mail us at:
life_science@leco.com

For a complete listing of snapshots and application notes visit us on the web at www.leco.com

