Scan event 1 Analyzer FTMS

Mass range Normal

Resolution 30,000

Scan type Full

Polarity Positive

Data type Profile

Scan range 300–1250 m/z

Scan event 2 Analyzer FTMS

Mass range Normal

Resolution 480,000

Scan type Full

Polarity Positive

Data type Profile

Scan range 299–1250 m/z

Scan events 3–22 Analyzer Ion trap

Mass range Normal

Scan rate Rapid

Data type Centroid

Dependent scan Yes

Mass determined from Scan event 1

Activation type CID

Default charge state 2

Minimum signal required 500

Isolation width m/z 2

Normalized collision

energy

35

Activation Q 0.25

Activation time (ms) 5

Dynamic exclusion Enabled

Repeat count 1

Repeat duration (s) 45

Exclusion list size 500

Exclusion duration 45

Exclusion mass width low 25 p.p.m.

Exclusion mass width high 10 p.p.m