

SUPPLEMENTARY MATERIAL

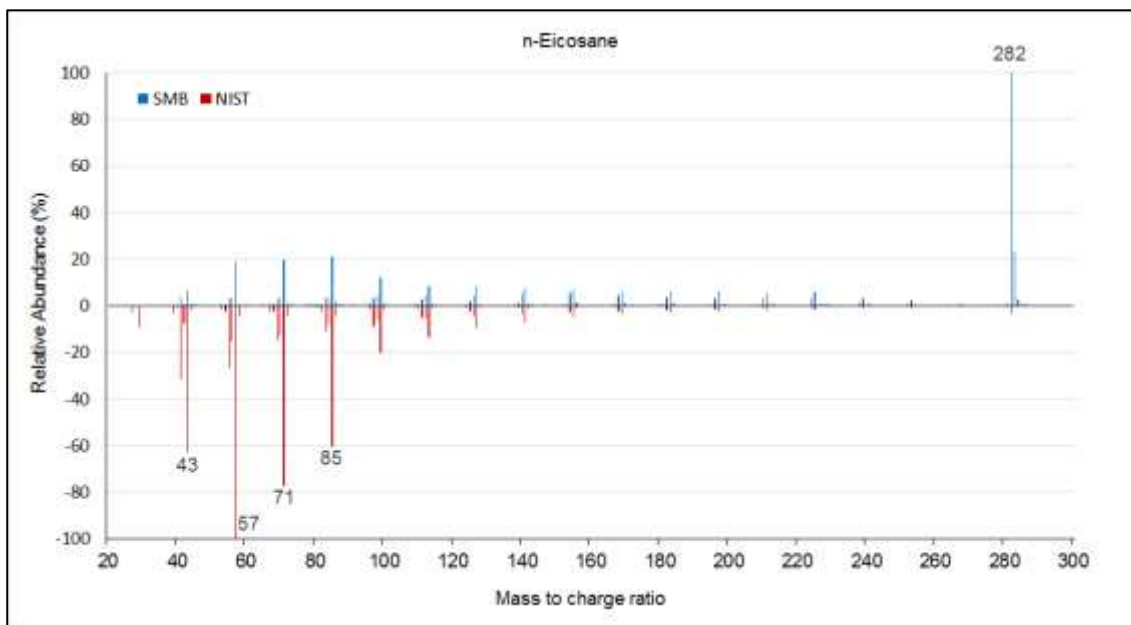


Figure A: Mass spectra of n-Eicosane with conventional EI (bottom) and Cold-EI (top).

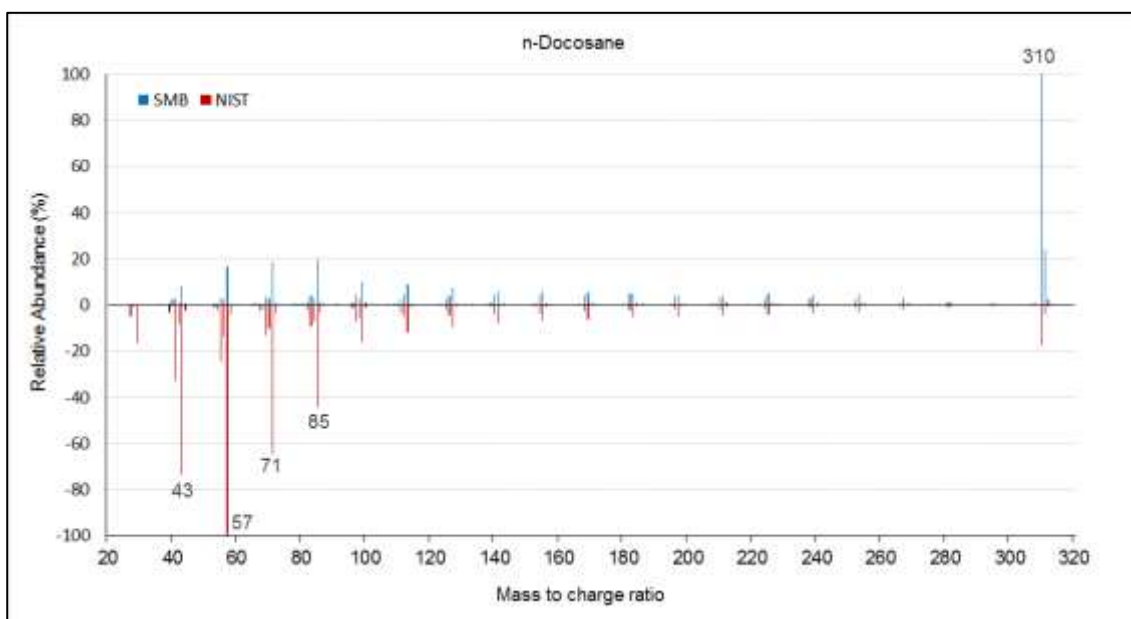


Figure B: Mass spectra of n-Docosane with conventional EI (bottom) and Cold-EI (top).

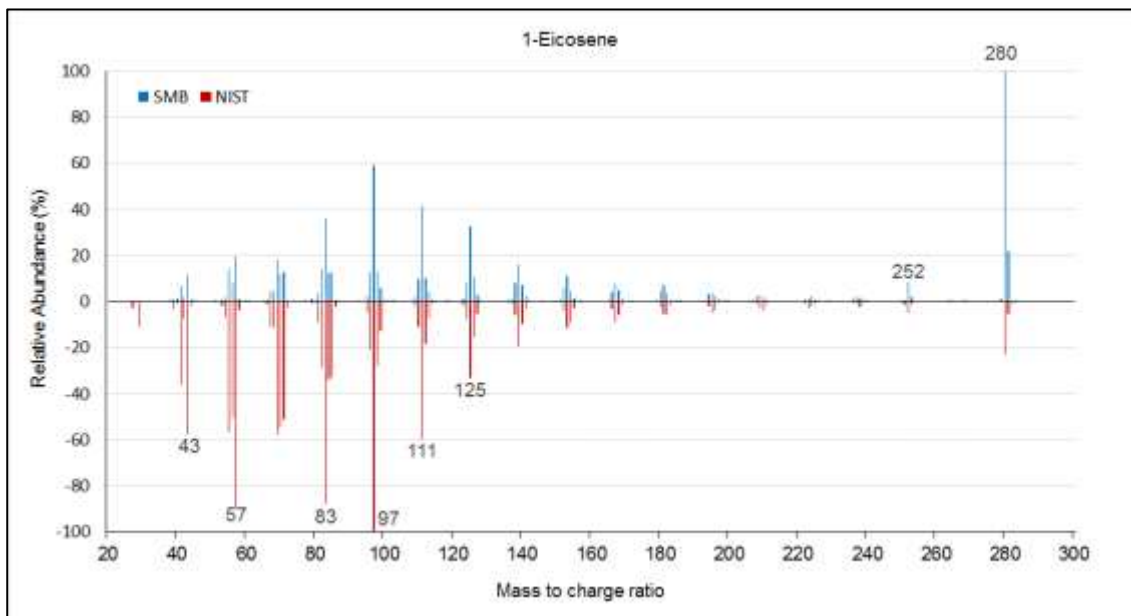


Figure C: Mass spectra of *n*-Eicosene with conventional EI (bottom) and Cold-EI (top).

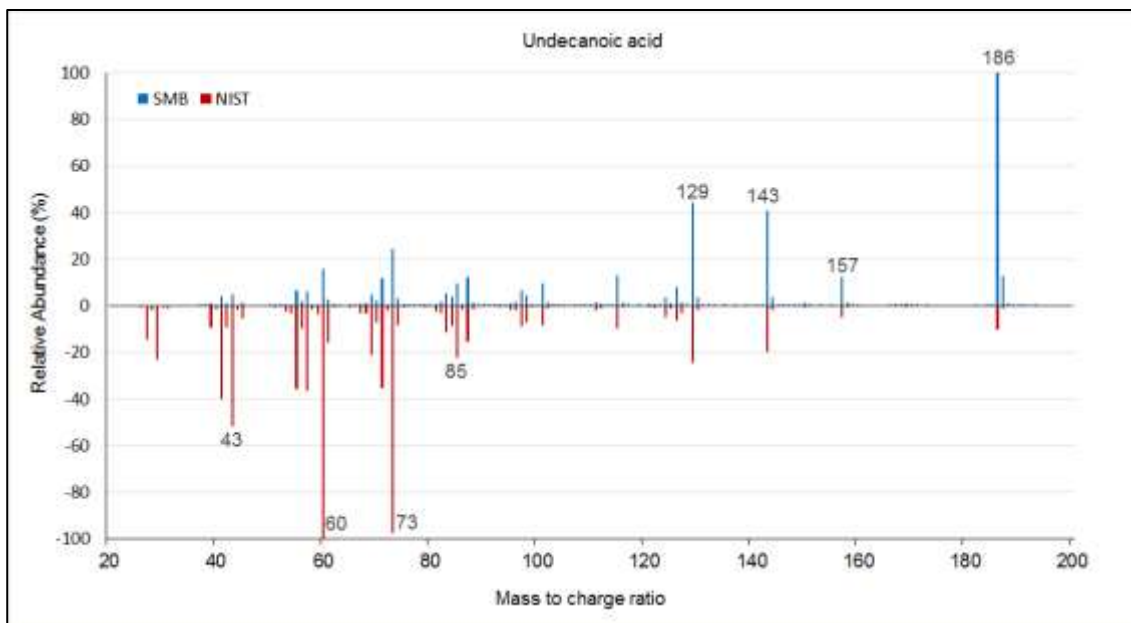


Figure D: Mass spectra of Undecanoic acid with conventional EI (bottom) and Cold-EI (top).

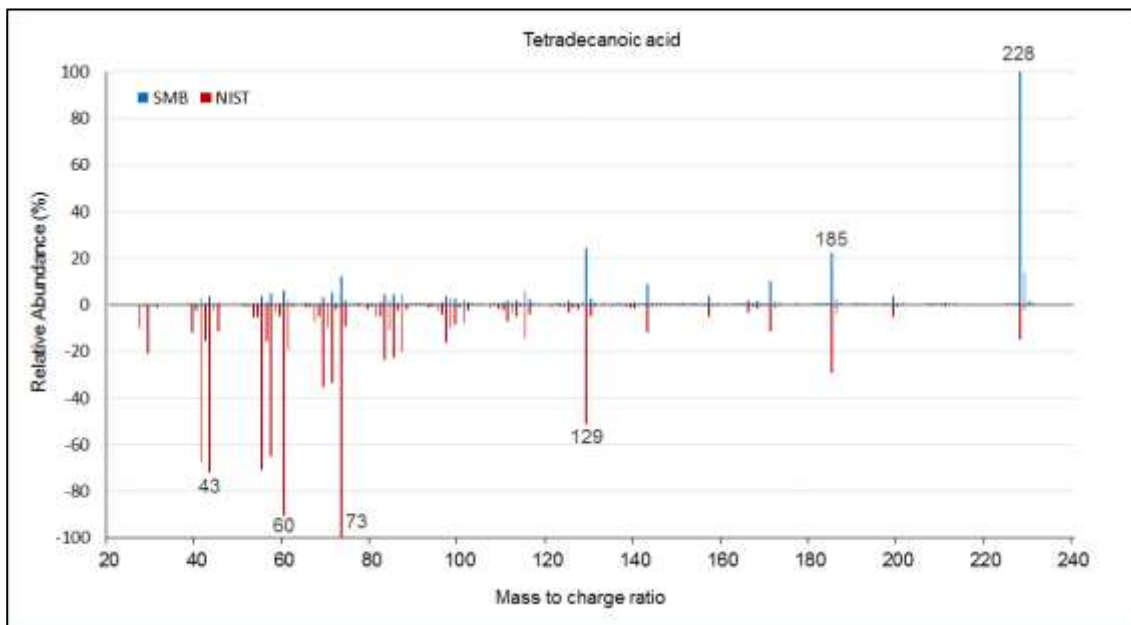


Figure E: Mass spectra of Tetradecanoic acid with conventional EI (bottom) and Cold-EI (top).

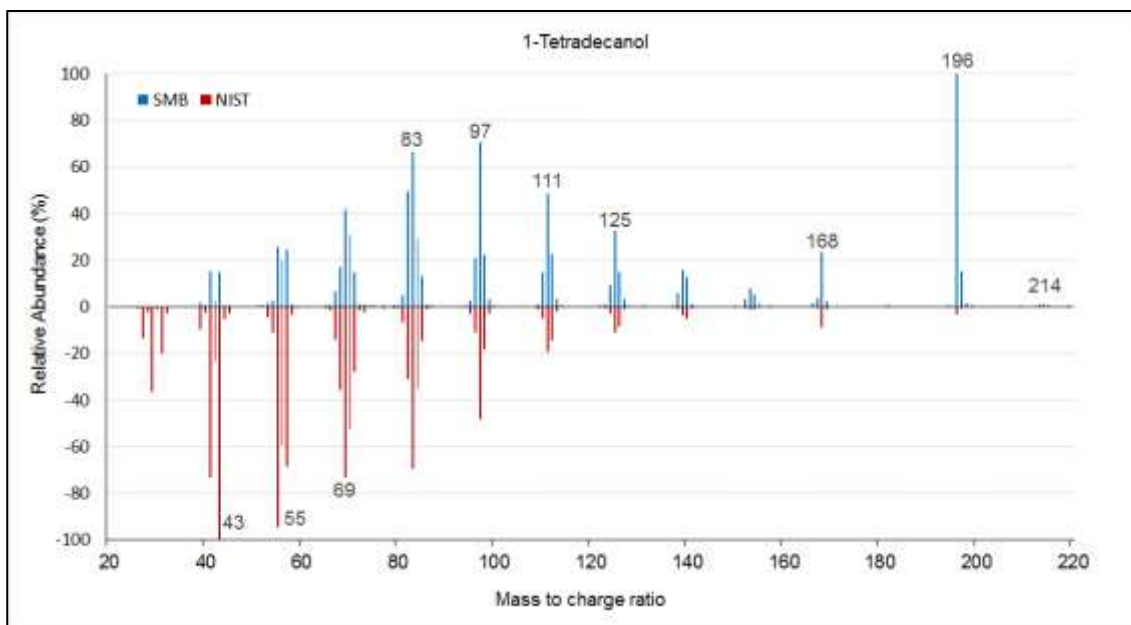


Figure F: Mass spectra of 1-Tetradecanol with conventional EI (bottom) and Cold-EI (top).

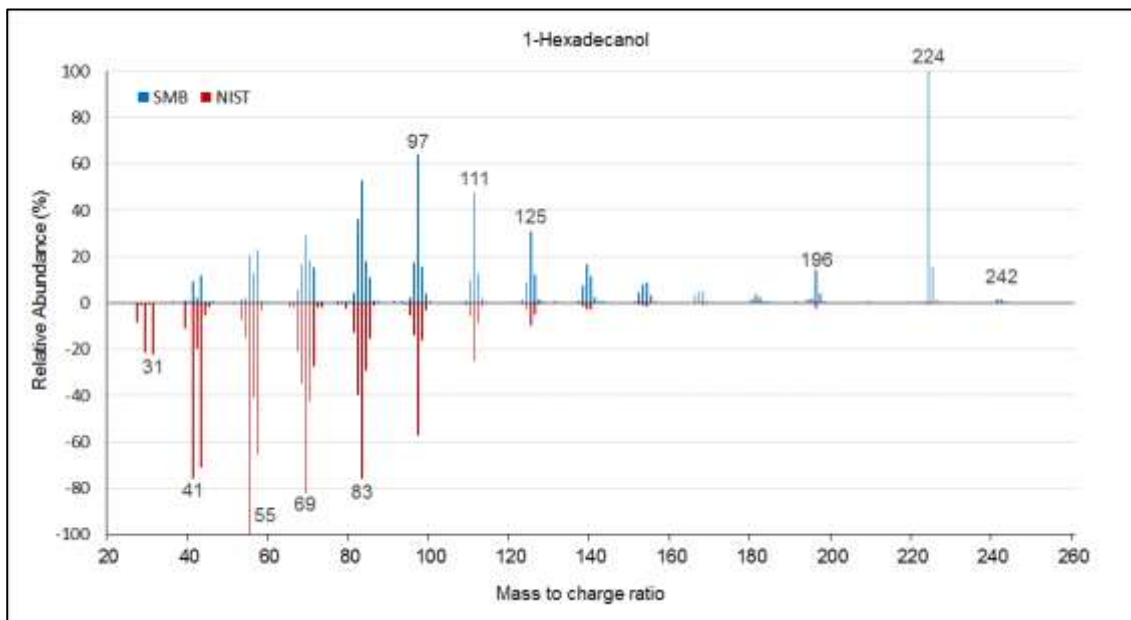


Figure G: Mass spectra of 1-Hexadecanol with conventional EI (bottom) and Cold-EI (top).

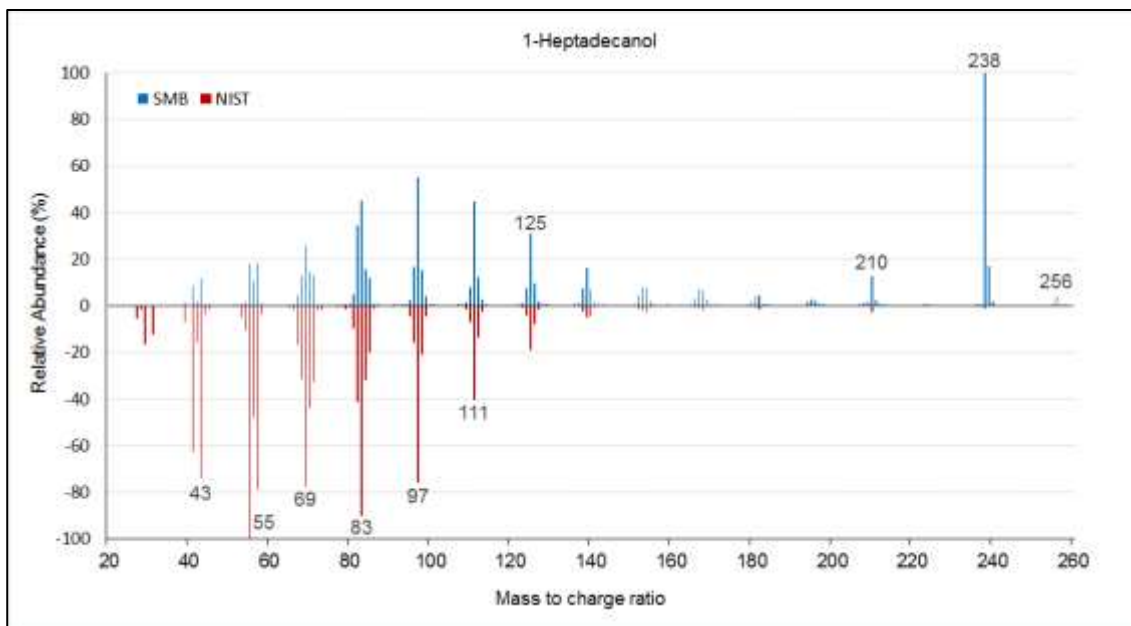


Figure H: Mass spectra of 1-Heptadecanol with conventional EI (bottom) and Cold-EI (top).

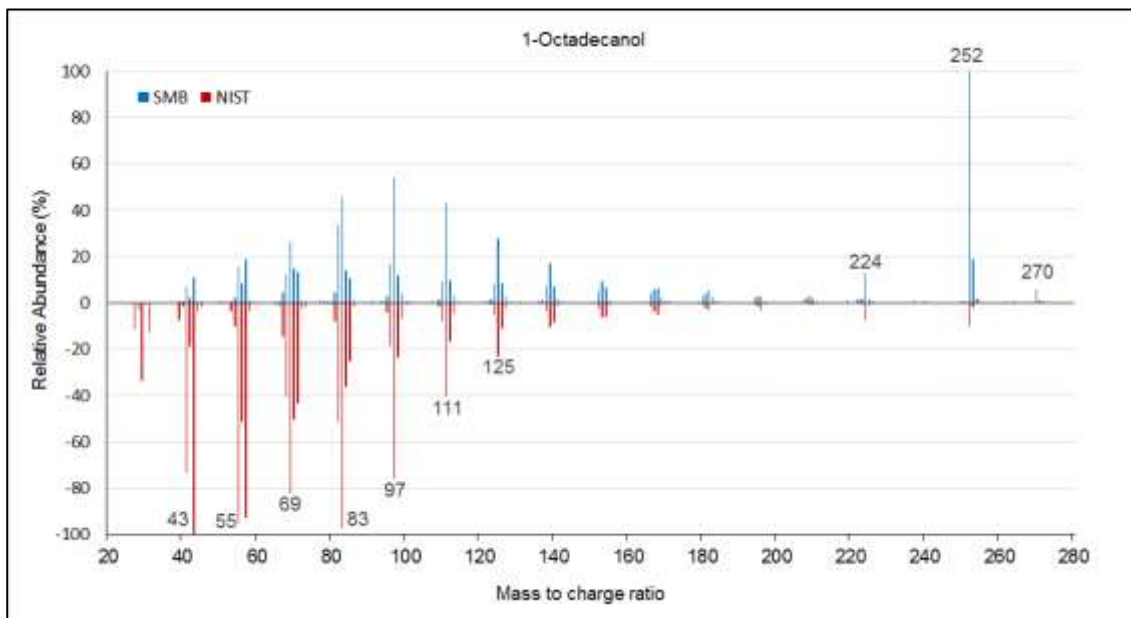


Figure I: Mass spectra of 1-Octadecanol with conventional EI (bottom) and Cold-EI (top).

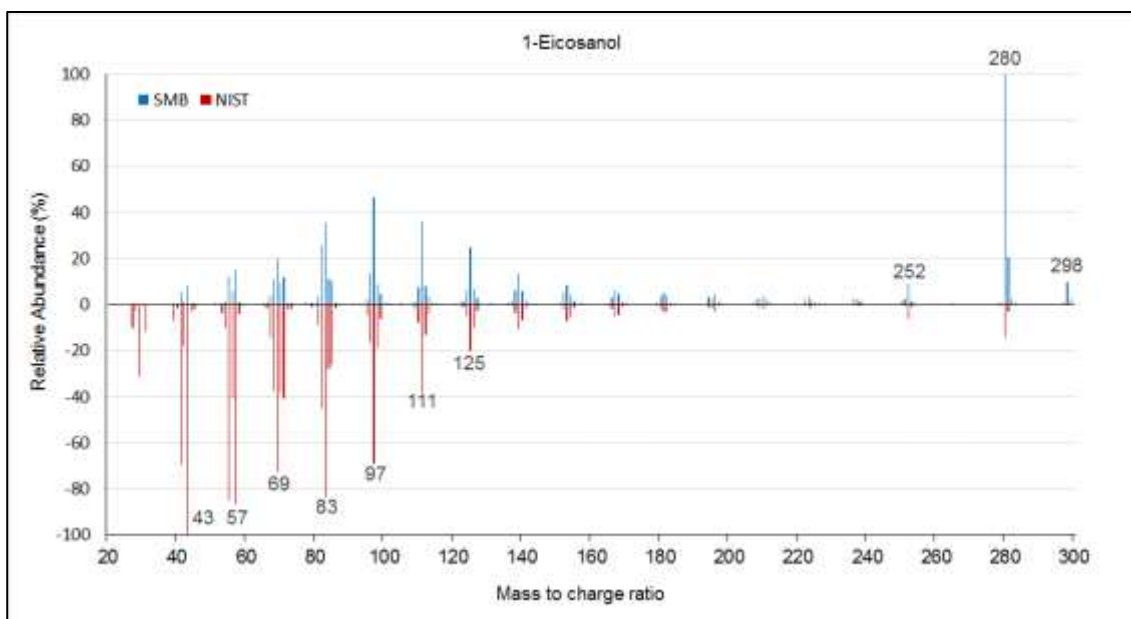


Figure J: Mass spectra of 1-Eicosanol with conventional EI (bottom) and Cold-EI (top).

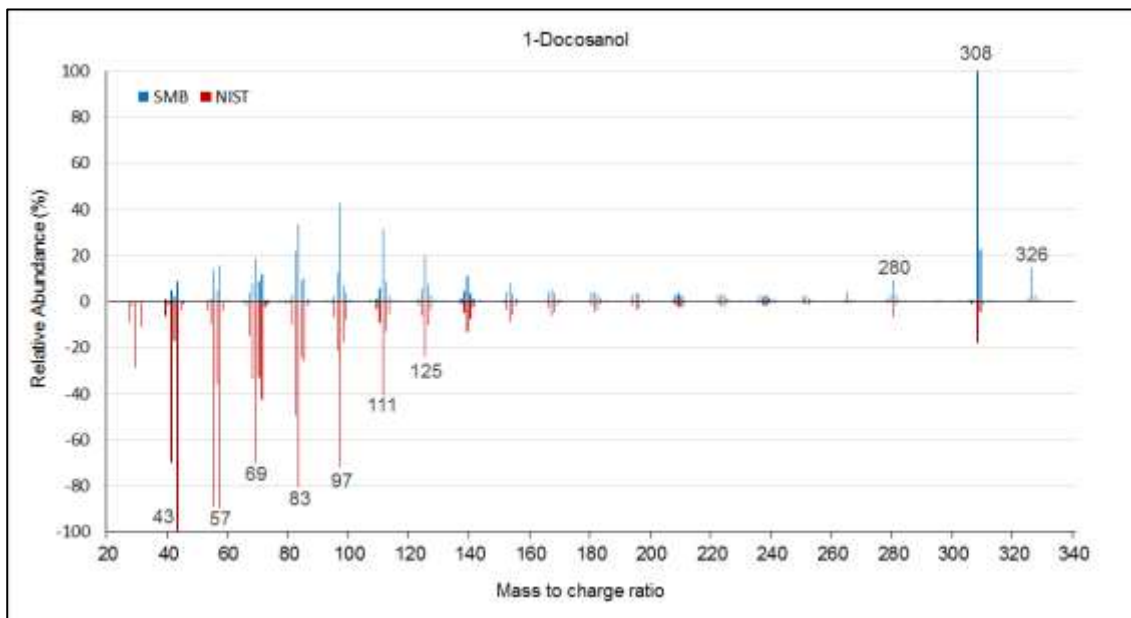


Figure K: Mass spectra of 1-Docosanol with conventional EI (bottom) and Cold-EI (top).

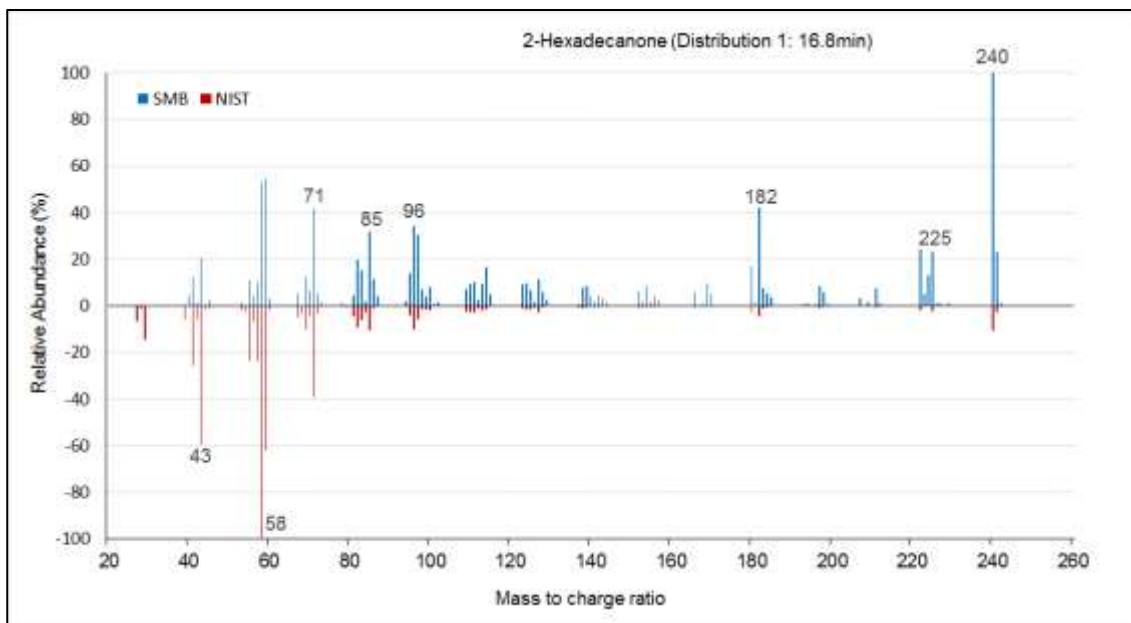


Figure L: Mass spectra of 2-Hexadecanone at 16.8 min (Distribution 1) with conventional EI (bottom) and Cold-EI (top).

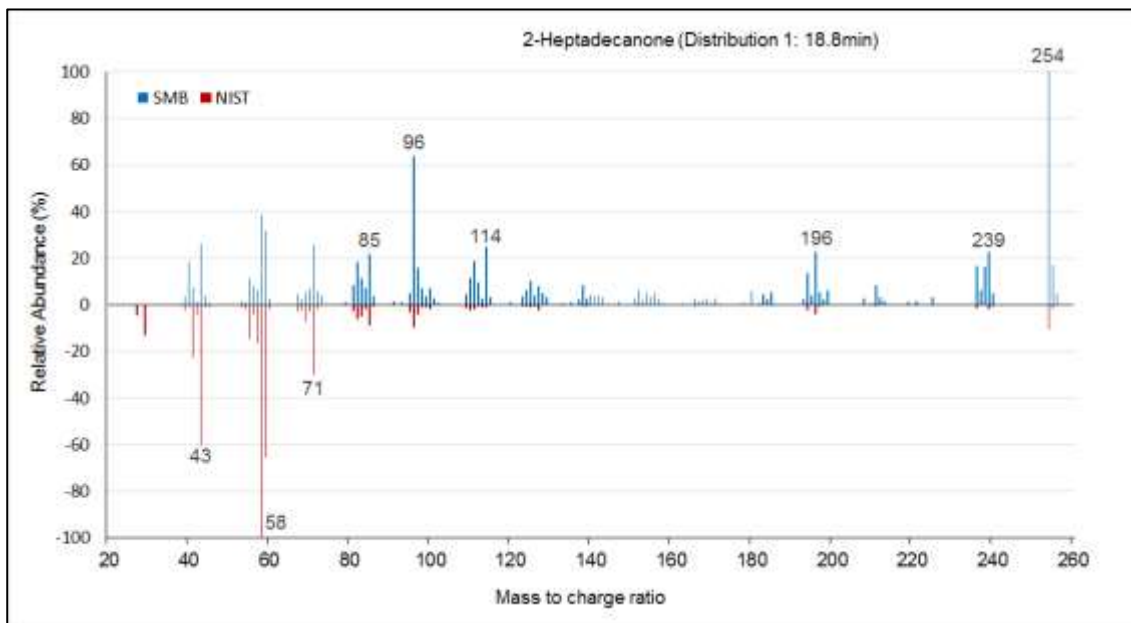


Figure M: Mass spectra of 2-Heptadecanone at 18.8 min (Distribution 1) with conventional EI (bottom) and Cold-EI (top).

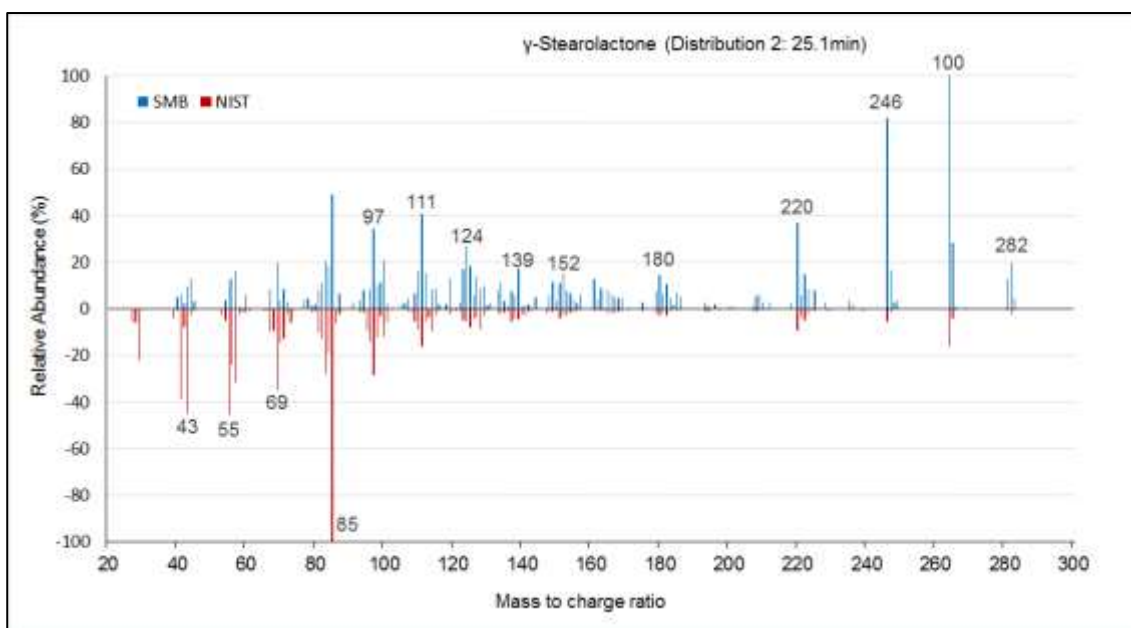


Figure N: Mass spectra of γ -stearolactone at 25.1 min (Distribution 2) with conventional EI (bottom) and Cold-EI (top).

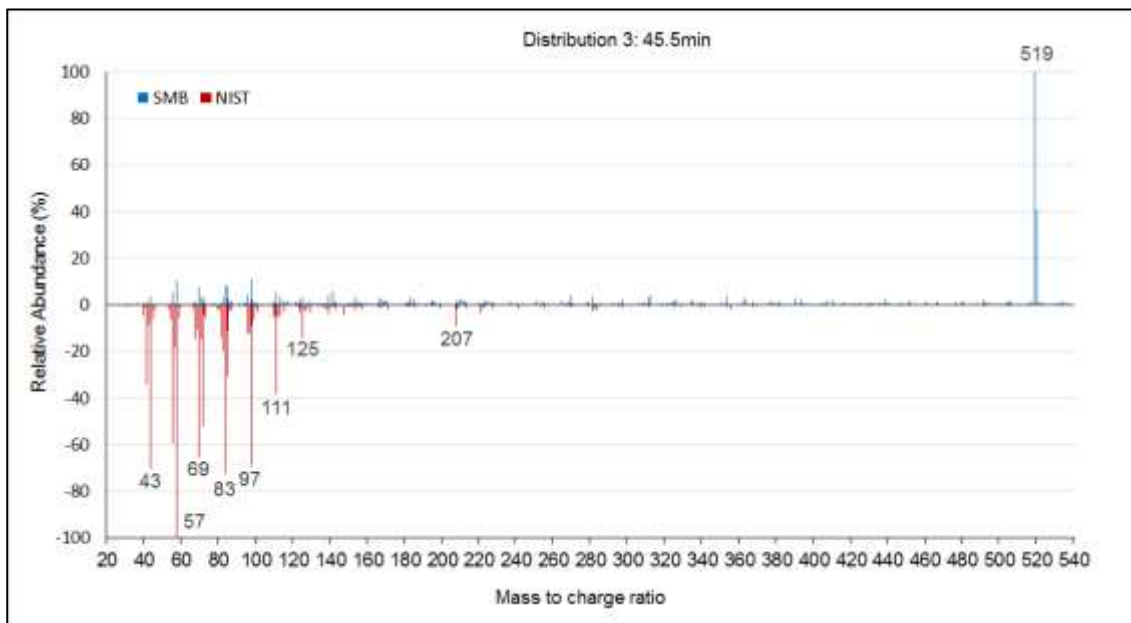


Figure O: Mass spectra of the oxygenate eluting at 45.5 min (Distribution 3) with conventional EI (bottom) and Cold-EI (top).

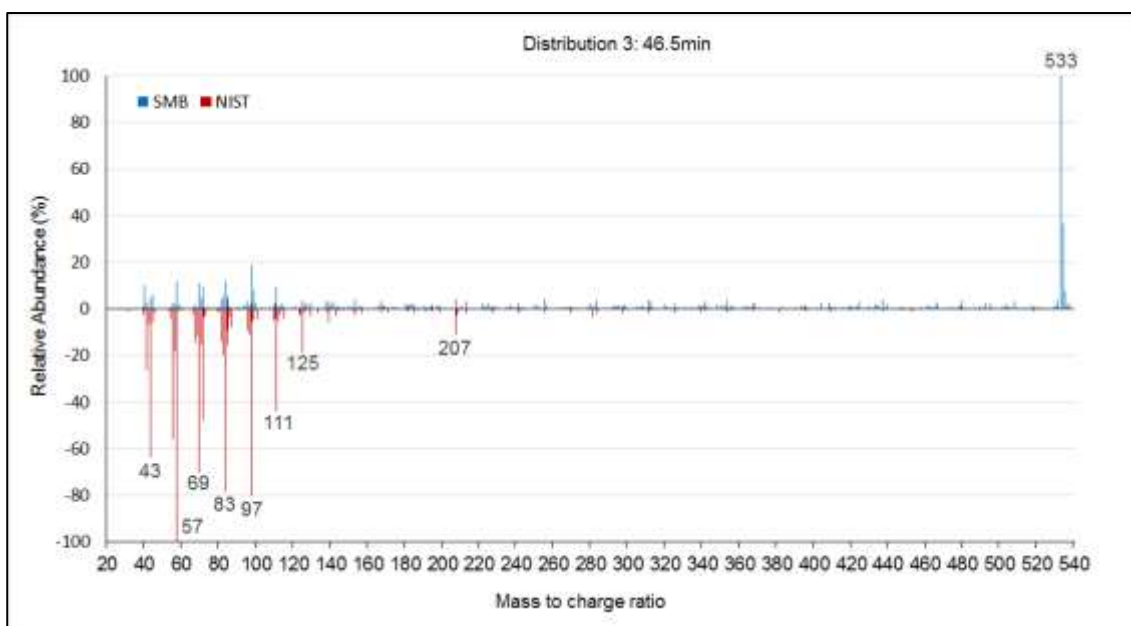


Figure P: Mass spectra of the oxygenate eluting at 46.5 min (Distribution 3) with conventional EI (bottom) and Cold-EI (top).