

## MS/MS Parameters of Pesticides

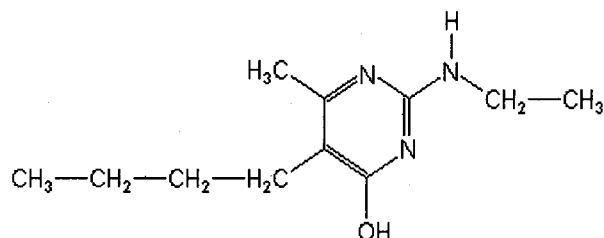
### Analyte: Ethirimol

CAS No.: 23947-60-6

Formula: C<sub>11</sub>H<sub>19</sub>N<sub>3</sub>O

Molecular mass (lowest isotopes): 209,15 amu

Structure:



Ionisation: ESI +

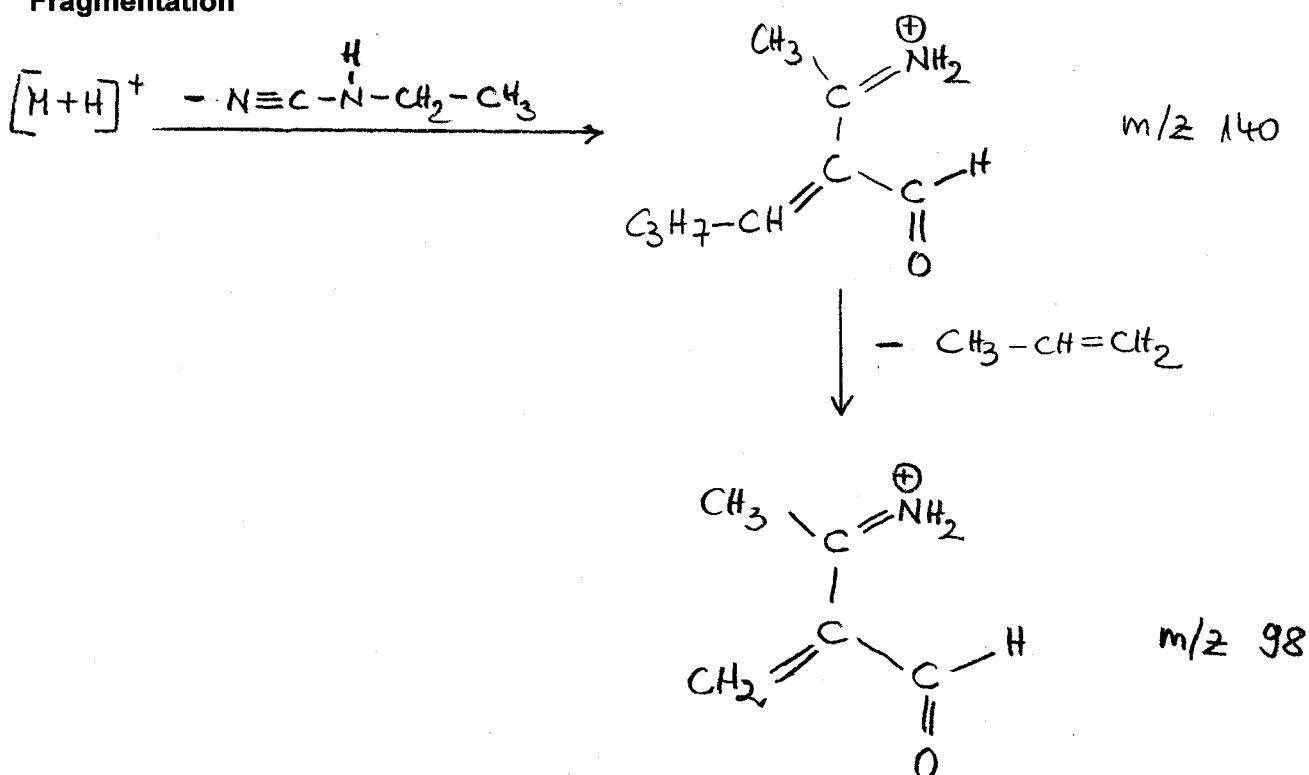
Quasimolecular ion: 210,2 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	210,2 → 98,1	210,2 → 140,0
Declustering potential (DP)*	46 V	46 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	12,0 V	10,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	37 V	31 V
Collision cell exit potential (CXP)	6 V	8 V

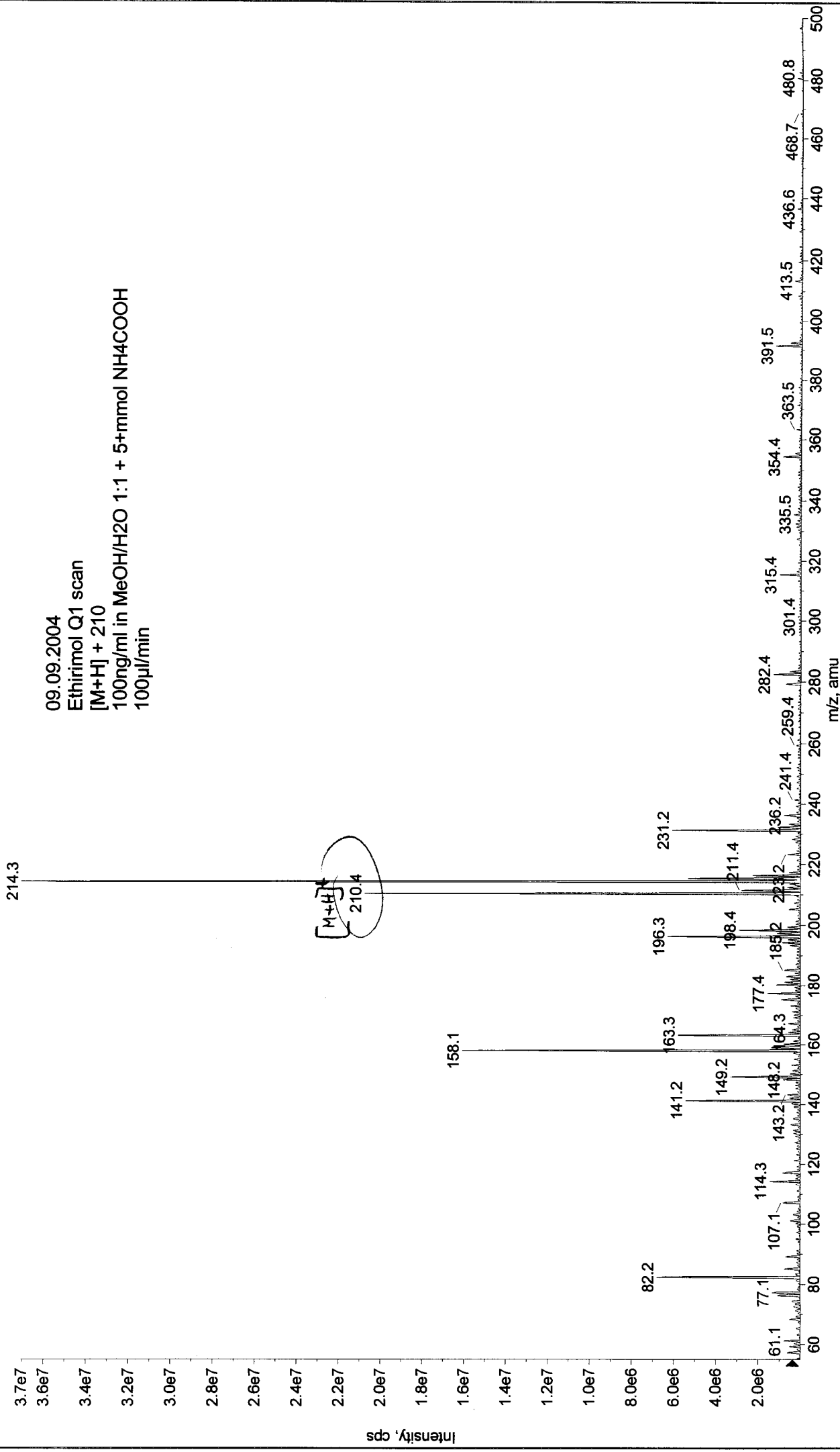
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



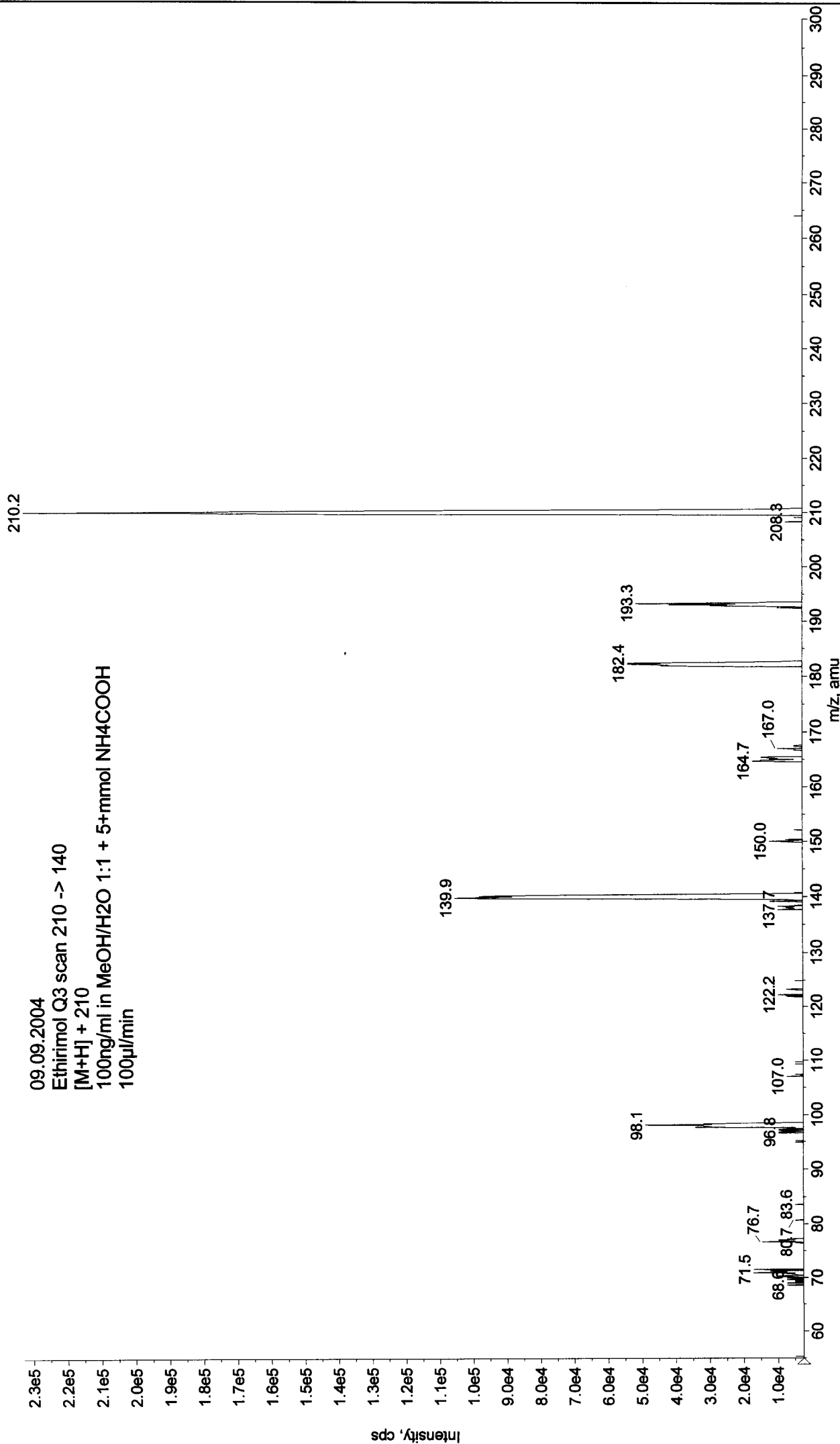
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040909091713.wiff (Turbo Spray)

Max. 3.7e7 cps



+MS2 (210.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040909091942.wiff (Turbo Spray) Max. 2.3e5 cps

09.09.2004  
 Ethirimol Q3 scan 210 -> 140  
 [M+H]<sup>+</sup> + 210  
 100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5+mmol NH<sub>4</sub>COOH  
 100µl/min



+MS2 (210.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040909093212.wiff (Turbo Spray) Max. 9.3e4 cps

