

## MS/MS Parameters of Pesticides

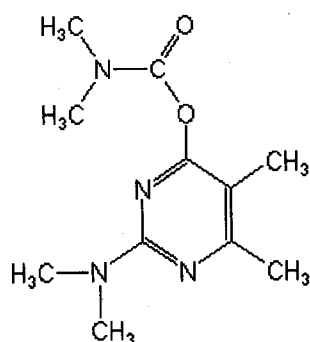
### Analyte: Pirimicarb

CAS No.: 23103-98-2

Formula: C<sub>11</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 238,14 amu

Structure:



Ionisation: ESI +

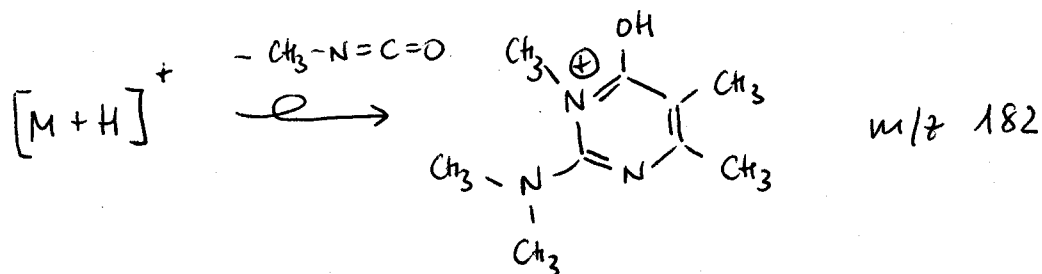
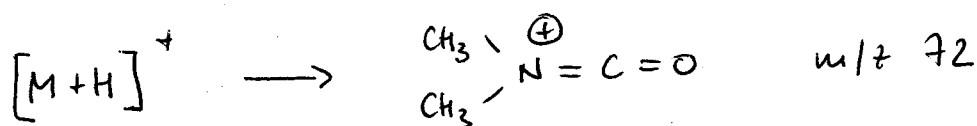
Quasimolecular ion: 239,1 amu = [M+H]<sup>+</sup>

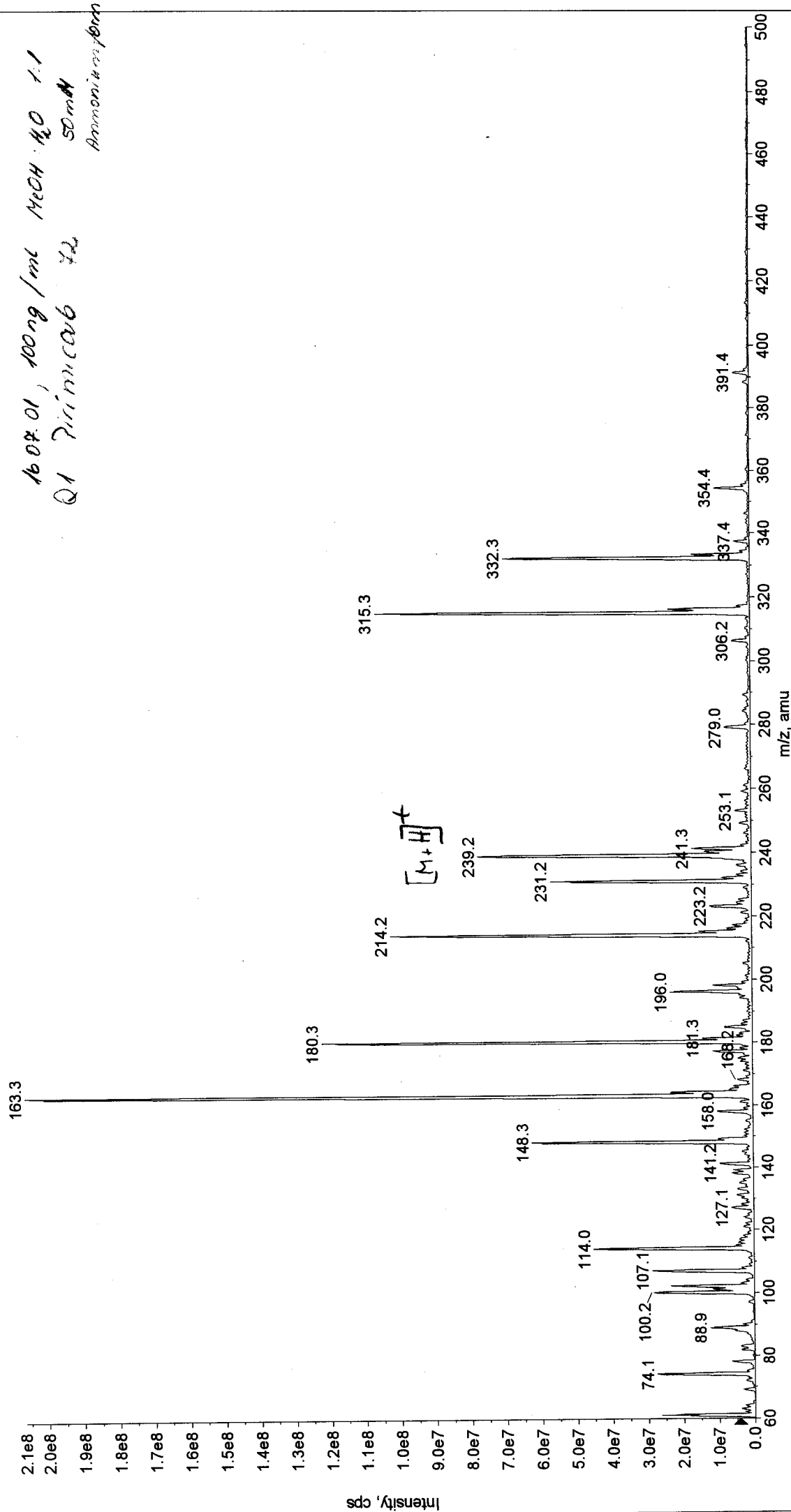
Analyte sensitive parameter set (API 2000)

Transition	239,1 → 72,1	239,1 → 181,9
Declustering potential (DP) <sup>*)</sup>	16 V	16 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	7,0 V	6,5 V
Collision cell entrance potential (CEP)	12 V	10 V
Collision energy (CE)	31 V	21 V
Collision cell exit potential (CXP)	10 V	10 V

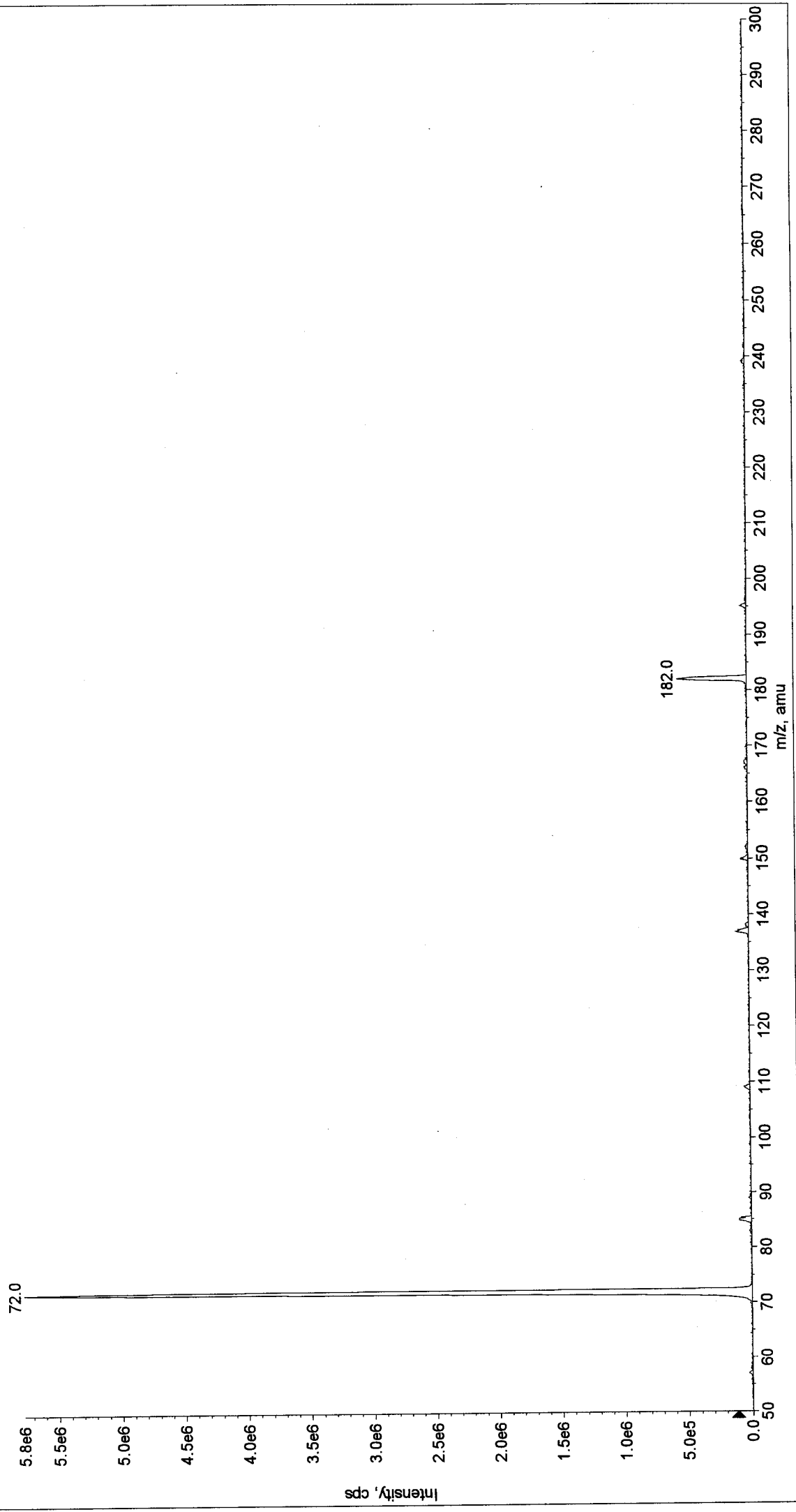
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation





1607.01, 100 ng/ml MeOH:H<sub>2</sub>O 1:1  
 Q1 7min.mca6 72 50mV  
 Ammonium formate



16.07.01

Q1 Pirimicarb 182

100 ng/ml ; ca 1.3 residues

200 µl/min

MeOH/H<sub>2</sub>O 1:1 ; 50 mM HCOONH<sub>4</sub>

