

## MS/MS Parameters of Pesticides

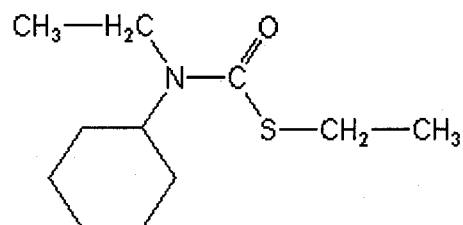
### Analyte: Cycloate

CAS No.: 1134-23-2

Formula: C<sub>11</sub>H<sub>21</sub>NOS

Molecular mass (lowest isotopes): 215,13 amu

Structure:



Ionisation: ESI +

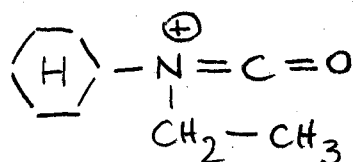
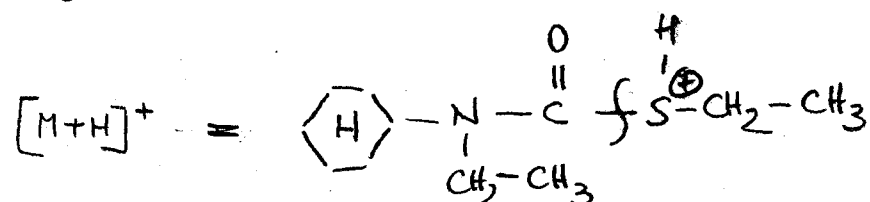
Quasimolecular ion: 216,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

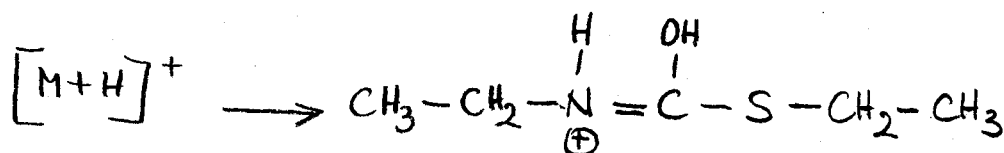
Transition	216,1 → 154,3	216,1 → 134,2
Declustering potential (DP) <sup>*)</sup>	19 V	19 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	9,0 V	8,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	17 V	19 V
Collision cell exit potential (CXP)	8 V	6 V

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

### Fragmentation

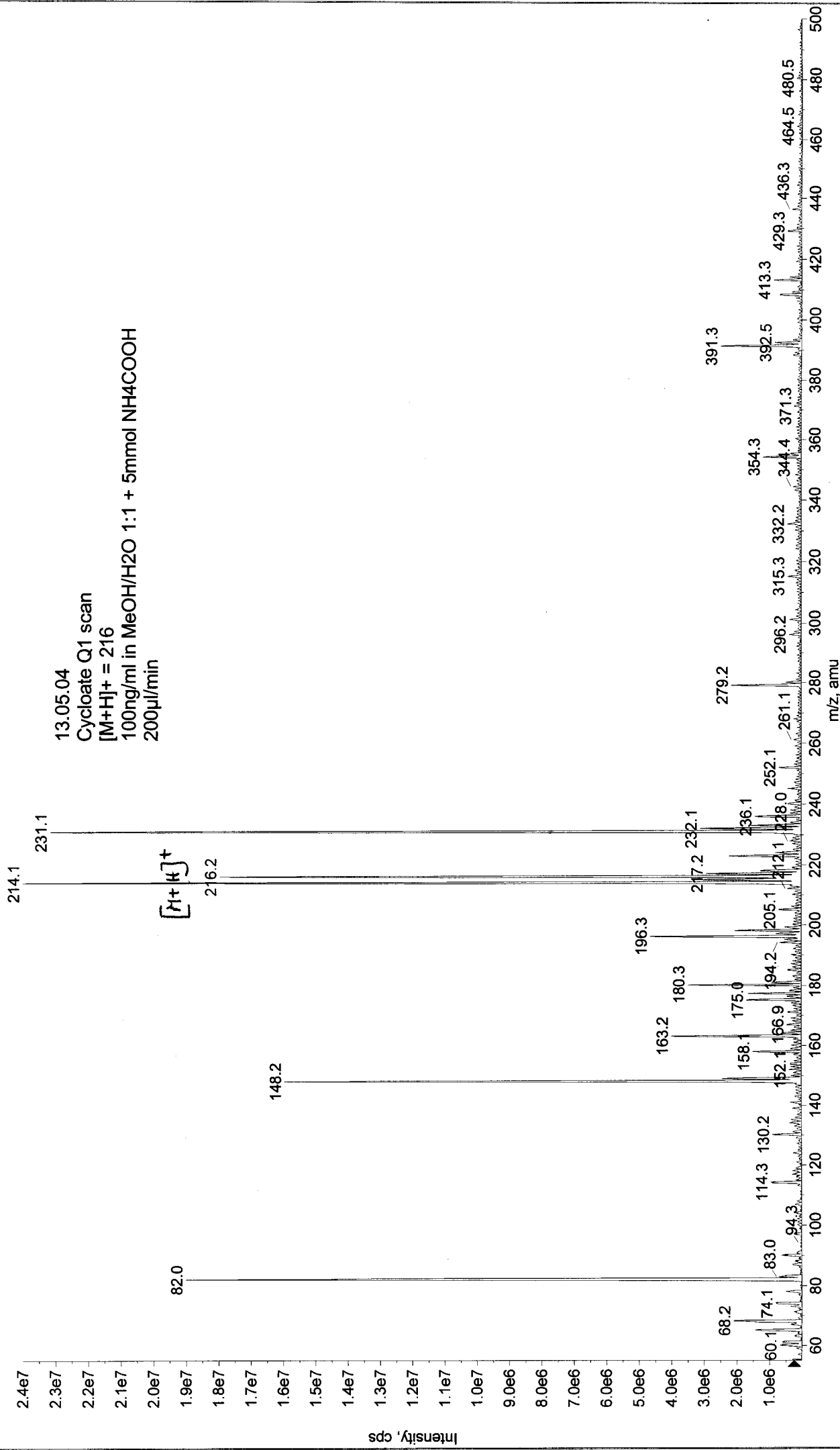


m/z 154



m/z 134

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040513135103.wiff (Turbo Spray) Max. 2.4e7 cps



Printing Time: 14:07:30  
Printing Date: Thursday, May 13, 2004

Acq. Time: 14:06  
Acq. Date: Thursday, May 13, 2004  
Acq. File: MT20040513140610.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 1.2e6 cps

+MS2 (216.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040513140610.wiff (Turbo Spray)

