

## MS/MS Parameters of Pesticides

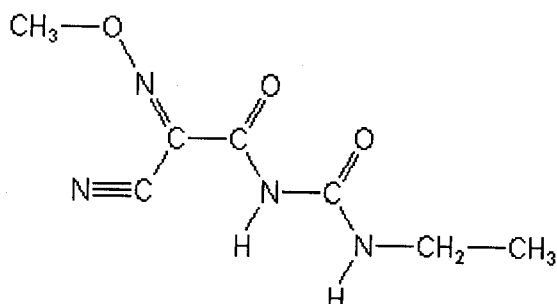
### Analyte: Cymoxanil

CAS No.: 57966-95-7

Formula: C<sub>7</sub>H<sub>10</sub>N<sub>4</sub>O<sub>3</sub>

Molecular mass (lowest isotopes): 198,08 amu

Structure:



Ionisation: ESI +

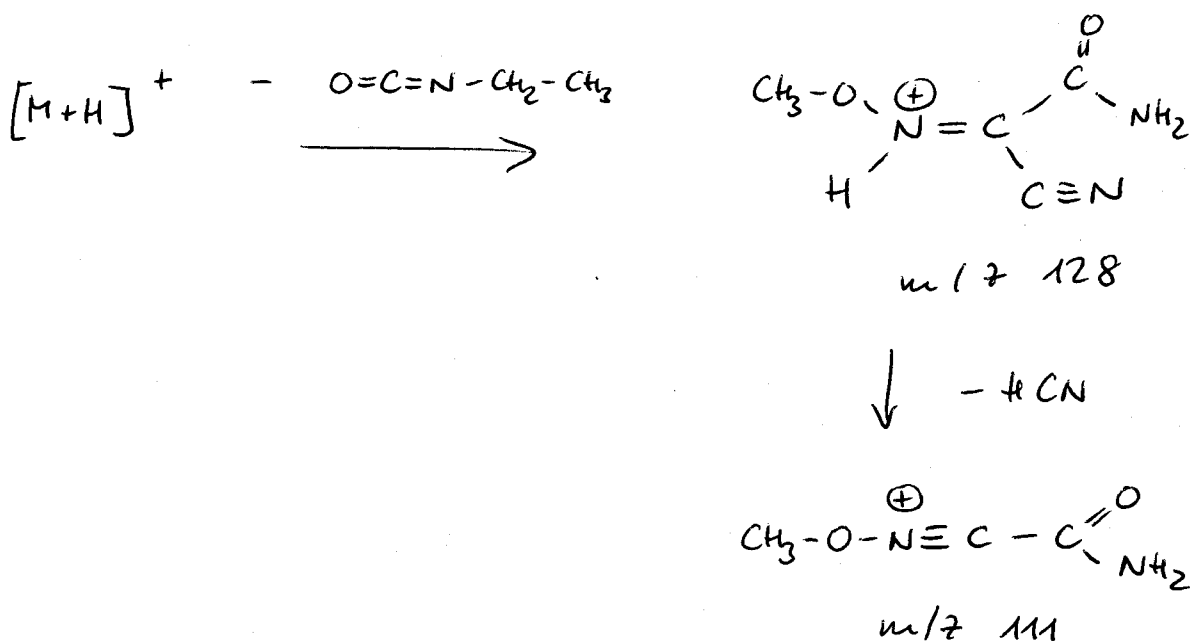
Quasimolecular ion: 199,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	199,1 → 128,0	199,1 → 110,9
Declustering potential (DP) <sup>*)</sup>	44 V	44 V
Focusing potential (FP)	350 V	340 V
Entrance potential (EP)	8,5 V	8,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	13 V	25 V
Collision cell exit potential (CXP)	6 V	6 V

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

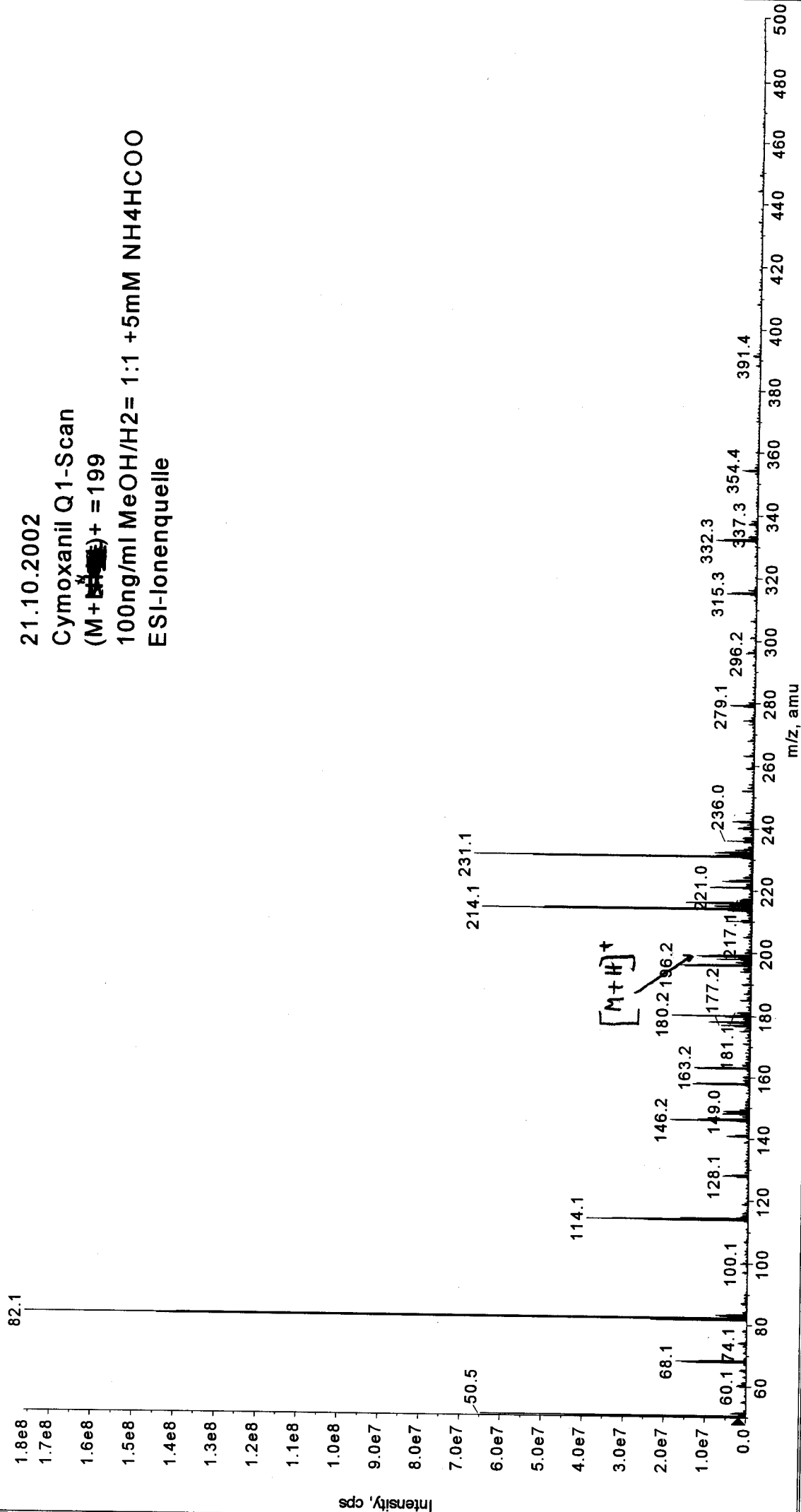
### Fragmentation

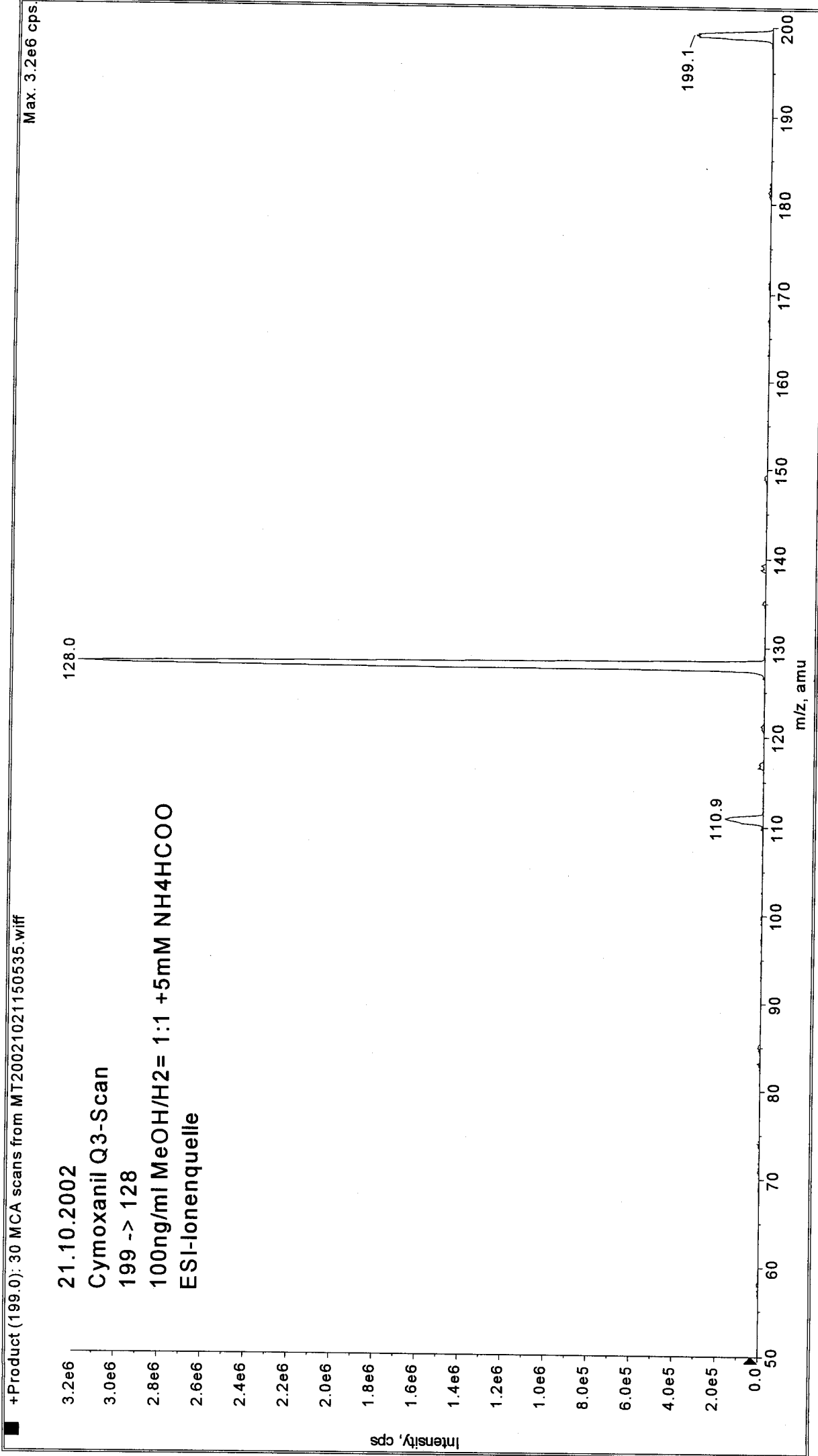


+Q1: 30 MCA scans from MT20021021150208.wiff

Max. 1.8e8 cps.

21.10.2002  
Cymoxanil Q1-Scan  
(M+H)<sup>+</sup> = 199  
100ng/ml MeOH/H<sub>2</sub>O = 1:1 +5mM NH<sub>4</sub>HCOO  
ESI-Ionenquelle





■ +Product (199.0): 30 MCA scans from MT20021021151344.wiff

Max. 1.3e6 cps

