

## MS/MS Parameters of Pesticides

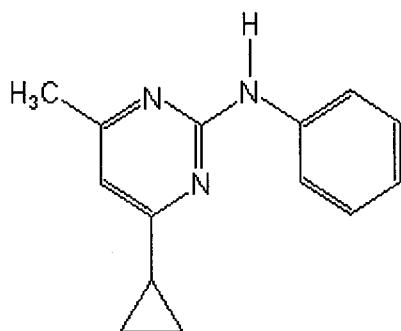
### Analyte: Cyprodinil

CAS No.: 121552-61-2

Formula: C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>

Molecular mass (lowest isotopes): 225,13 amu

Structure:



Ionisation: ESI +

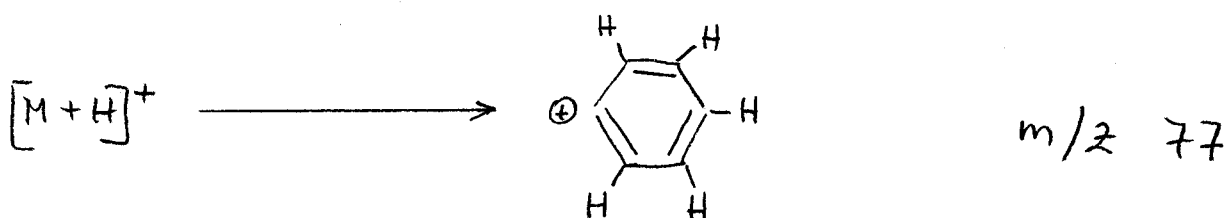
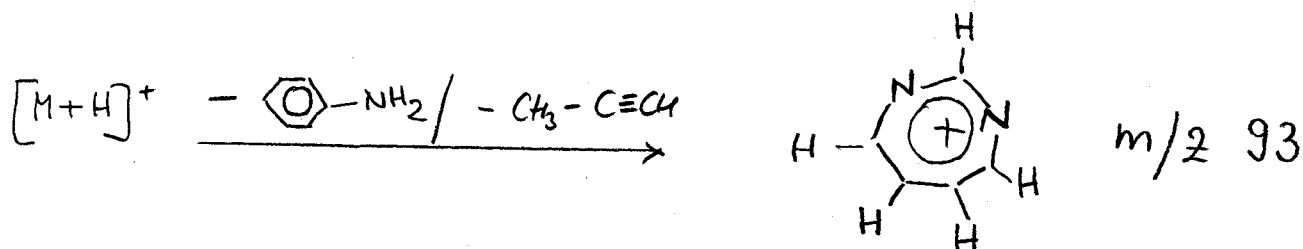
Quasimolecular ion: 226,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

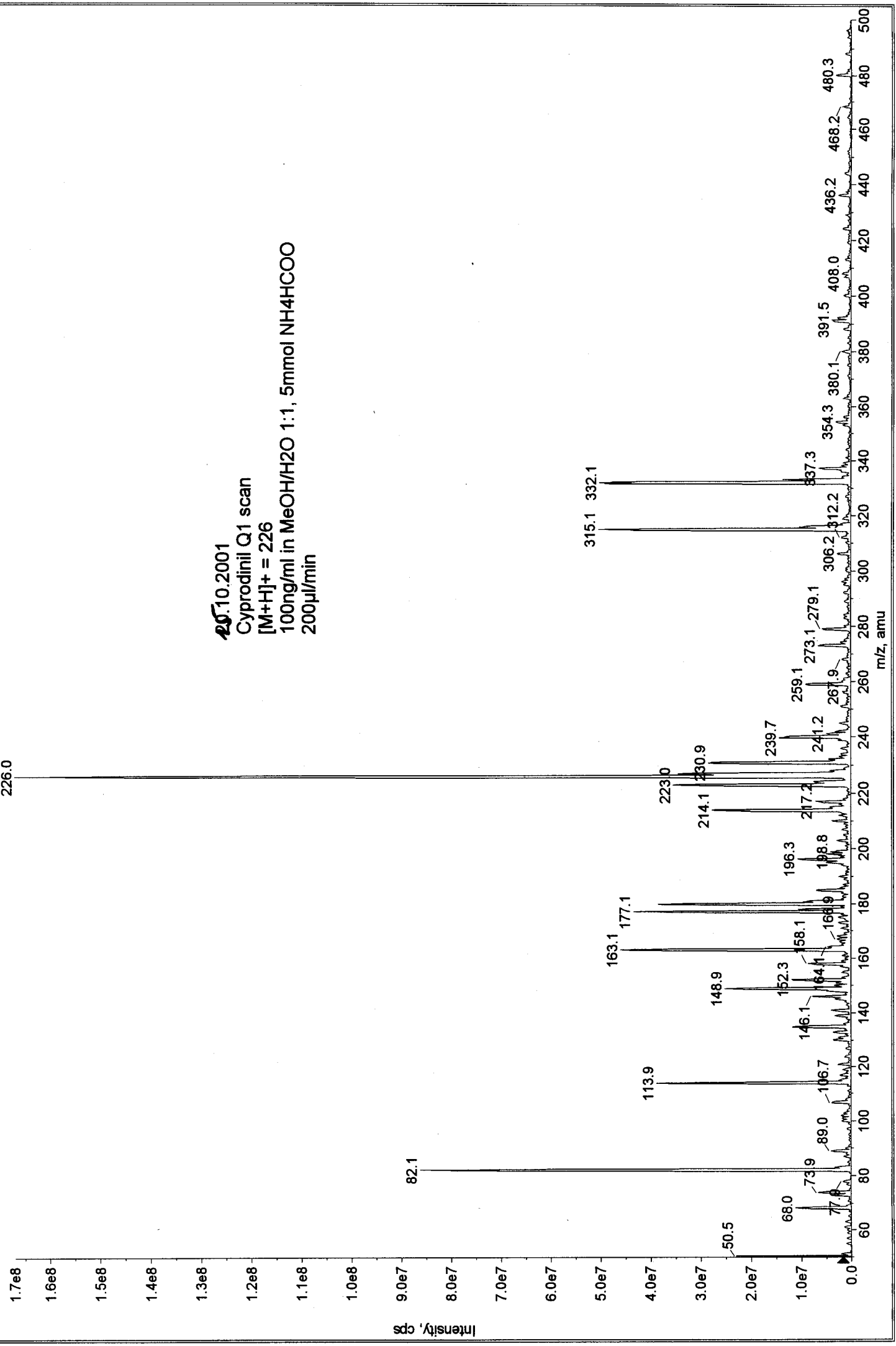
Transition	226,1 → 76,9	226,1 → 92,9
Declustering potential (DP) <sup>*)</sup>	61 V	61 V
Focusing potential (FP)	360 V	340 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	63 V	45 V
Collision cell exit potential (CXP)	10 V	6 V

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

### Fragmentation

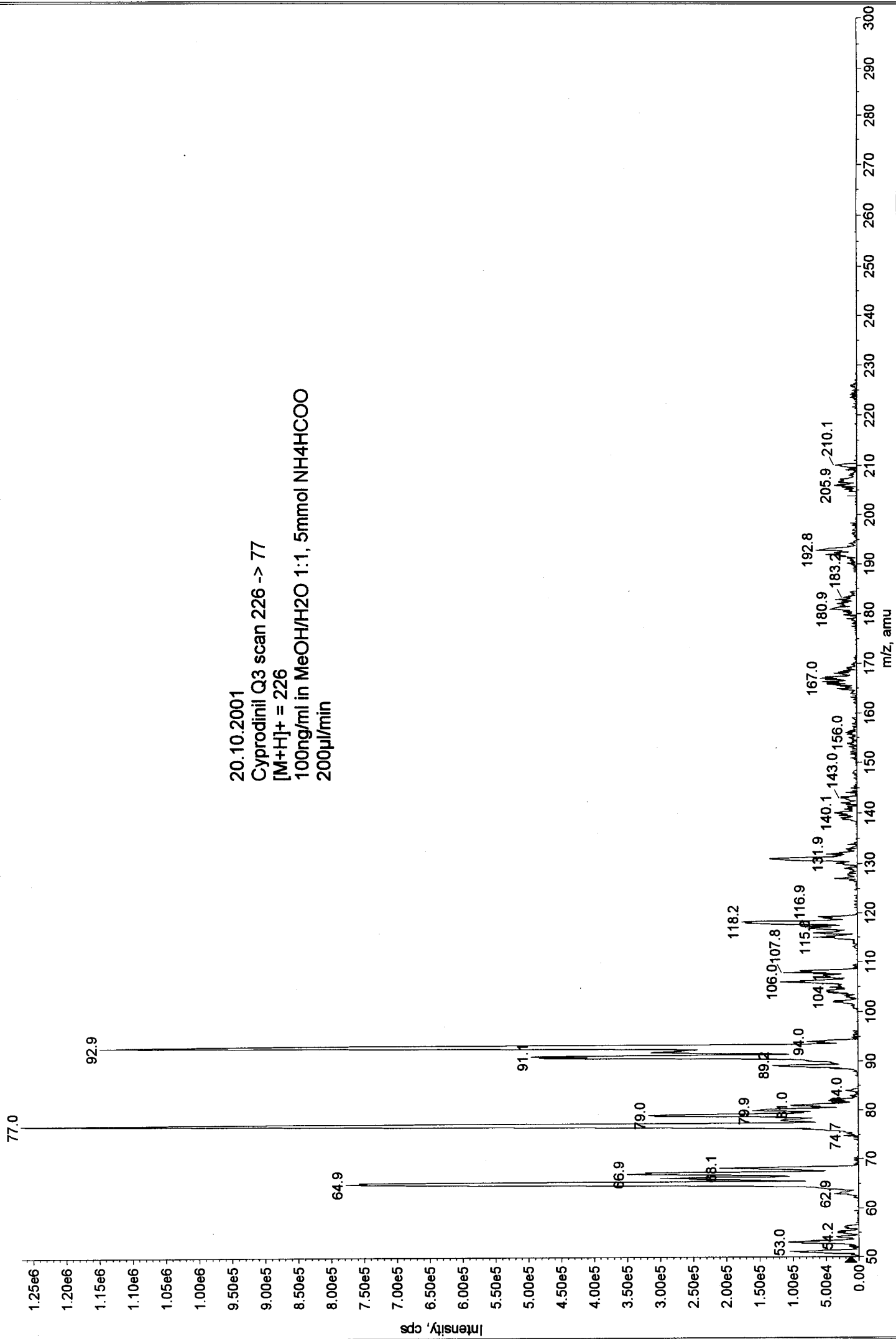


[M+H]<sup>+</sup>



20/10/2001  
Cyprodinil Q1 scan  
[M+H]<sup>+</sup> = 226  
100ng/ml in MeOH/H<sub>2</sub>O 1:1, 5mmol NH<sub>4</sub>HCOO  
200µl/min

20.10.2001  
Cyprodinil Q3 scan 226 -> 77  
[M+H]<sup>+</sup> = 226  
100ng/ml in MeOH/H<sub>2</sub>O 1:1, 5mmol NH<sub>4</sub>HCOO  
200µl/min



20.10.2001  
Cyprodinil93 Q3 scan 226 -> 93  
[M+H]<sup>+</sup> = 226  
100ng/ml in MeOH/H<sub>2</sub>O 1:1, 5mmol NH<sub>4</sub>HCOO  
200µl/min

