

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

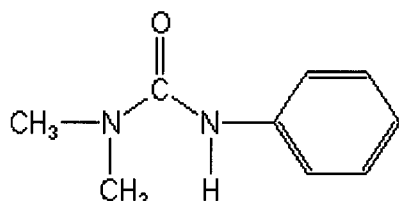
### Analyte: Fenuron

CAS No.: 101-42-8

Formula: C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O

Molecular mass (lowest isotopes): 164,10 amu

Structure:



Ionisation: ESI +

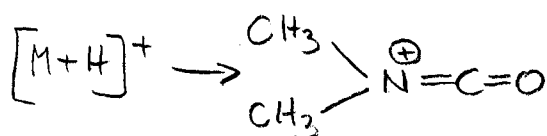
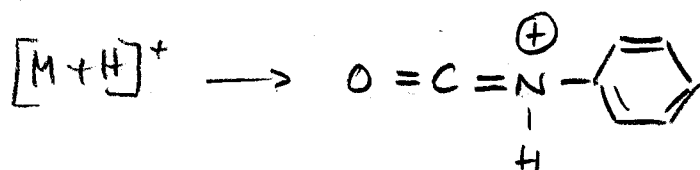
Quasimolecular ion: 165,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	165,0 → 72,1	165,0 → 120,0
Declustering potential (DP) <sup>*)</sup>	21 V	21 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	27 V	23 V
Collision cell exit potential (CXP)	10 V	6 V

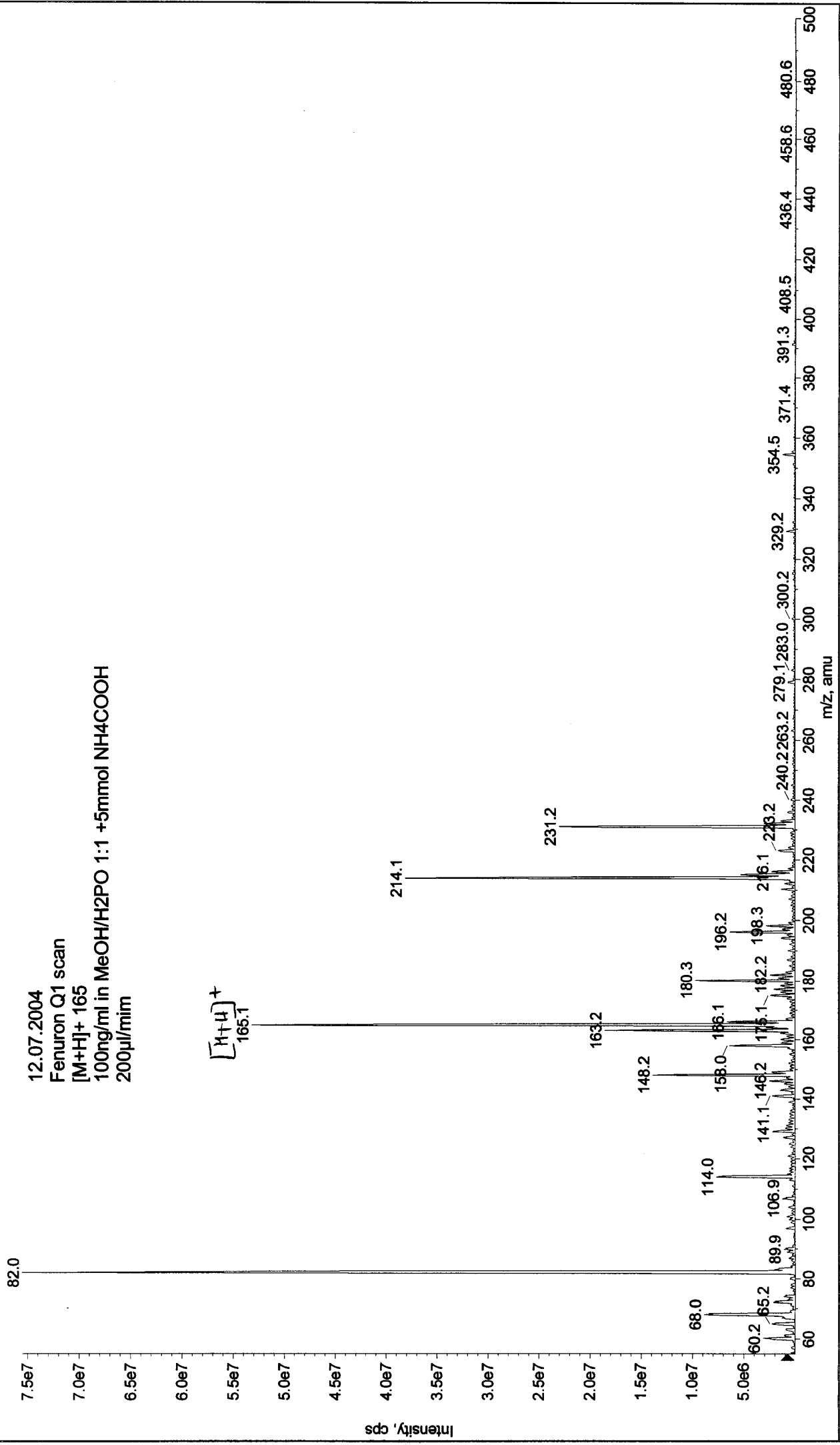
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

 $m/z$  72 $m/z$  120

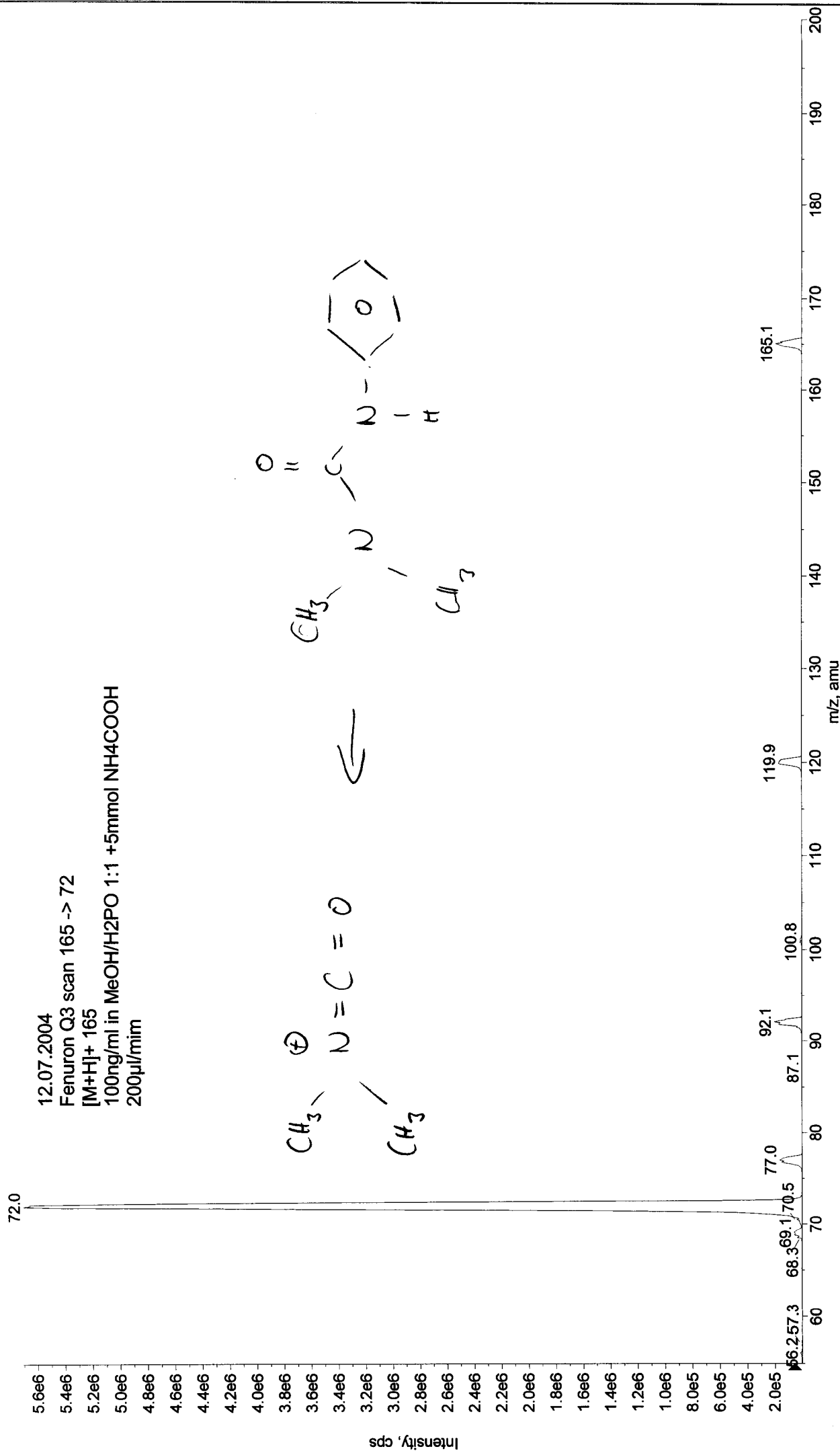
Max. 7.5e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712100924.wiff (Turbo Spray)



Max. 5.7e6 cps

+MS2 (165.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712101224.wiff (Turbo Spray)



Acq. Time: 10:19  
Ad Date: Monday, July 12, 2004  
Acq. File: MT20040712101955.wiff

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

Max. 5.5e6 cps

■ +MS2 (165.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712101955 wiff (Turbo Spray)

