

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

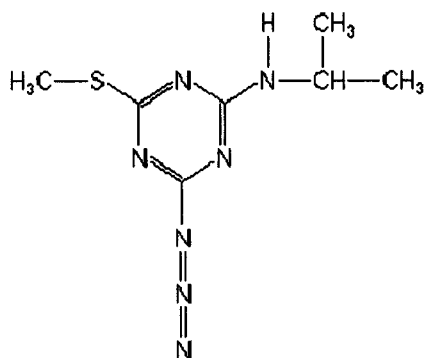
### Analyte: Aziprotryne

CAS No.: 4658-28-0

Formula: C<sub>7</sub>H<sub>11</sub>N<sub>7</sub>S

Molecular mass (lowest isotopes): 225,08 amu

Structure:



Ionisation: ESI +

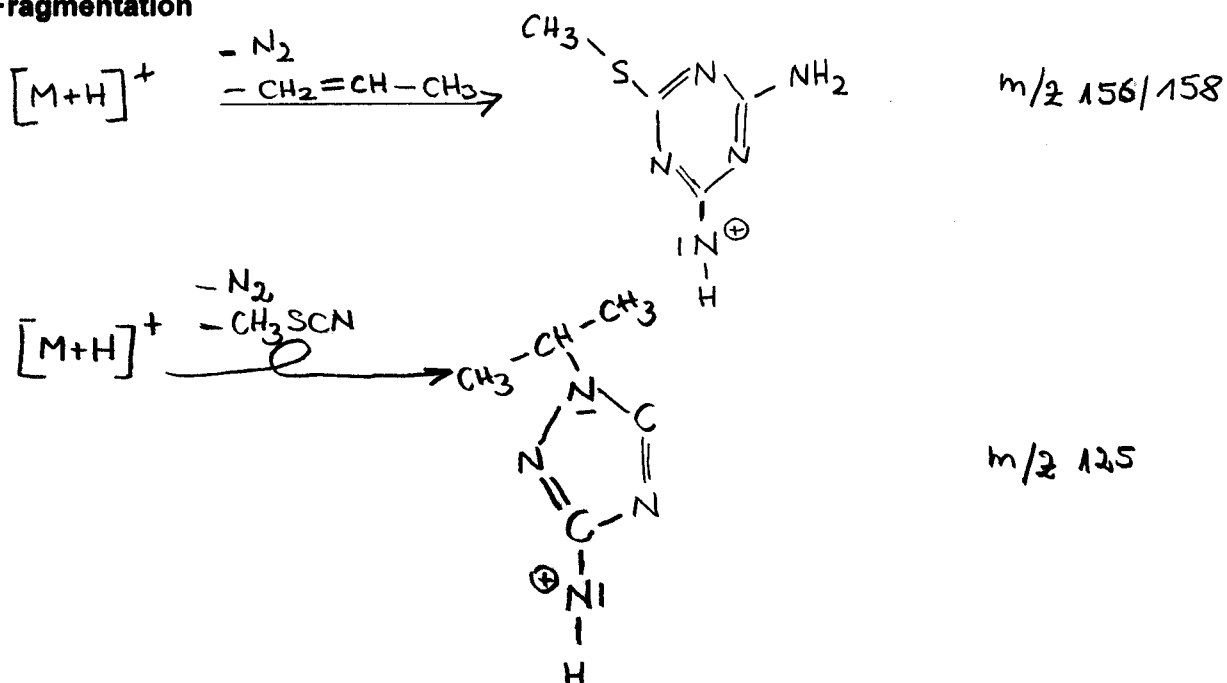
Quasimolecular ion: 226,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	226,1 → 156,0	226,1 → 125,1
Declustering potential (DP) <sup>*)</sup>	13,5 V	13,5 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	9 V	11,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	21 V	17 V
Collision cell exit potential (CXP)	8 V	6 V

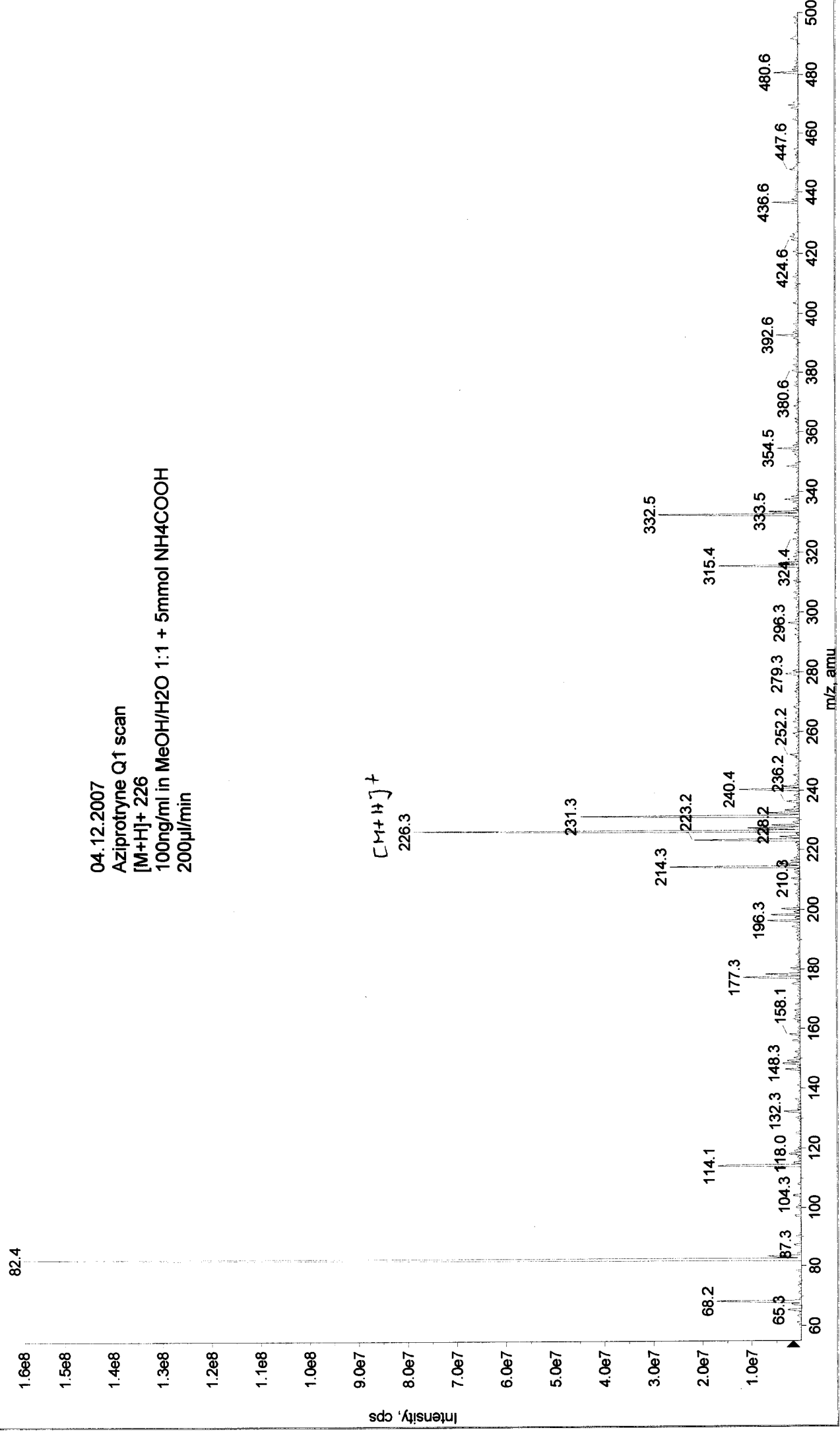
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

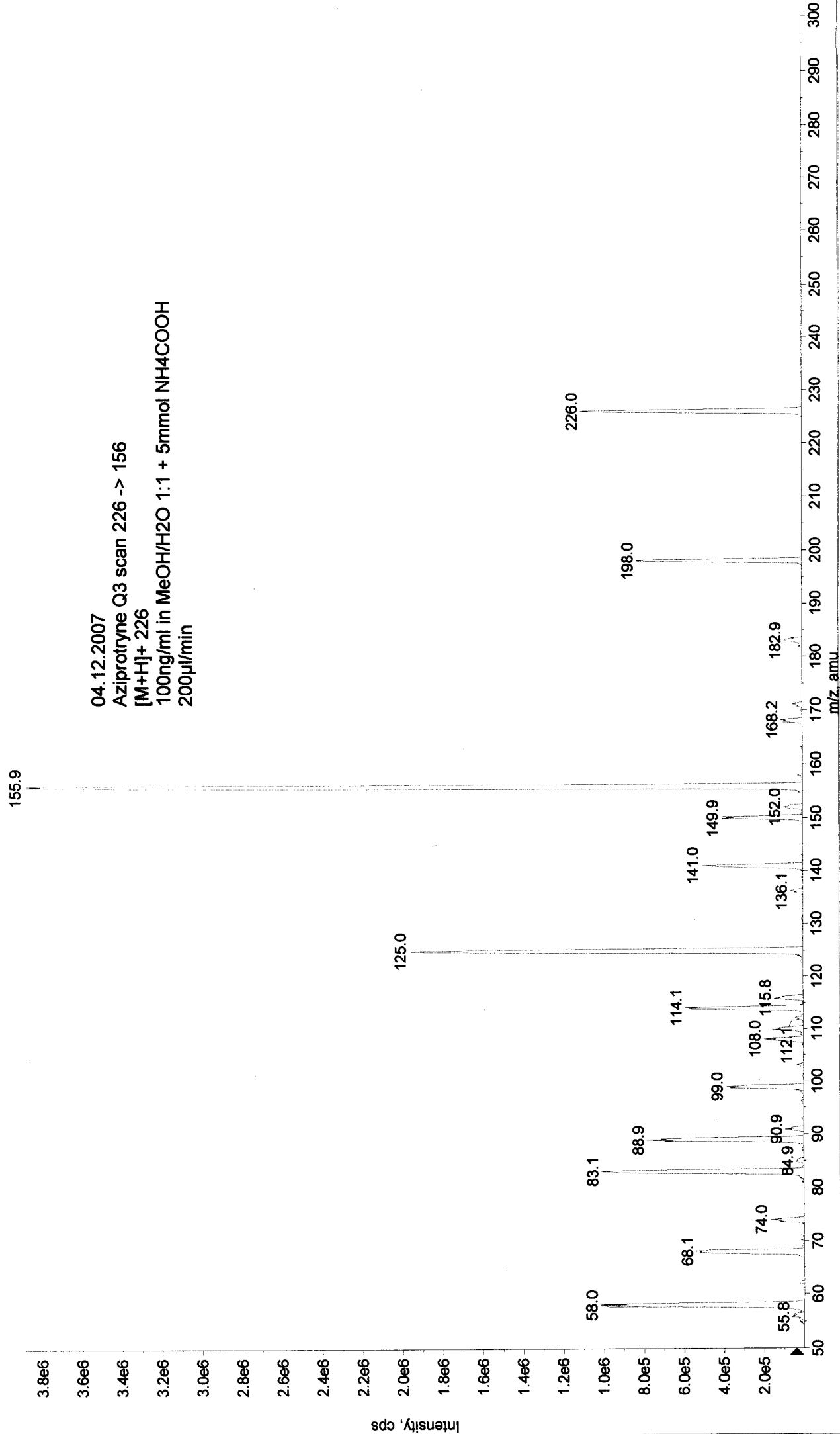


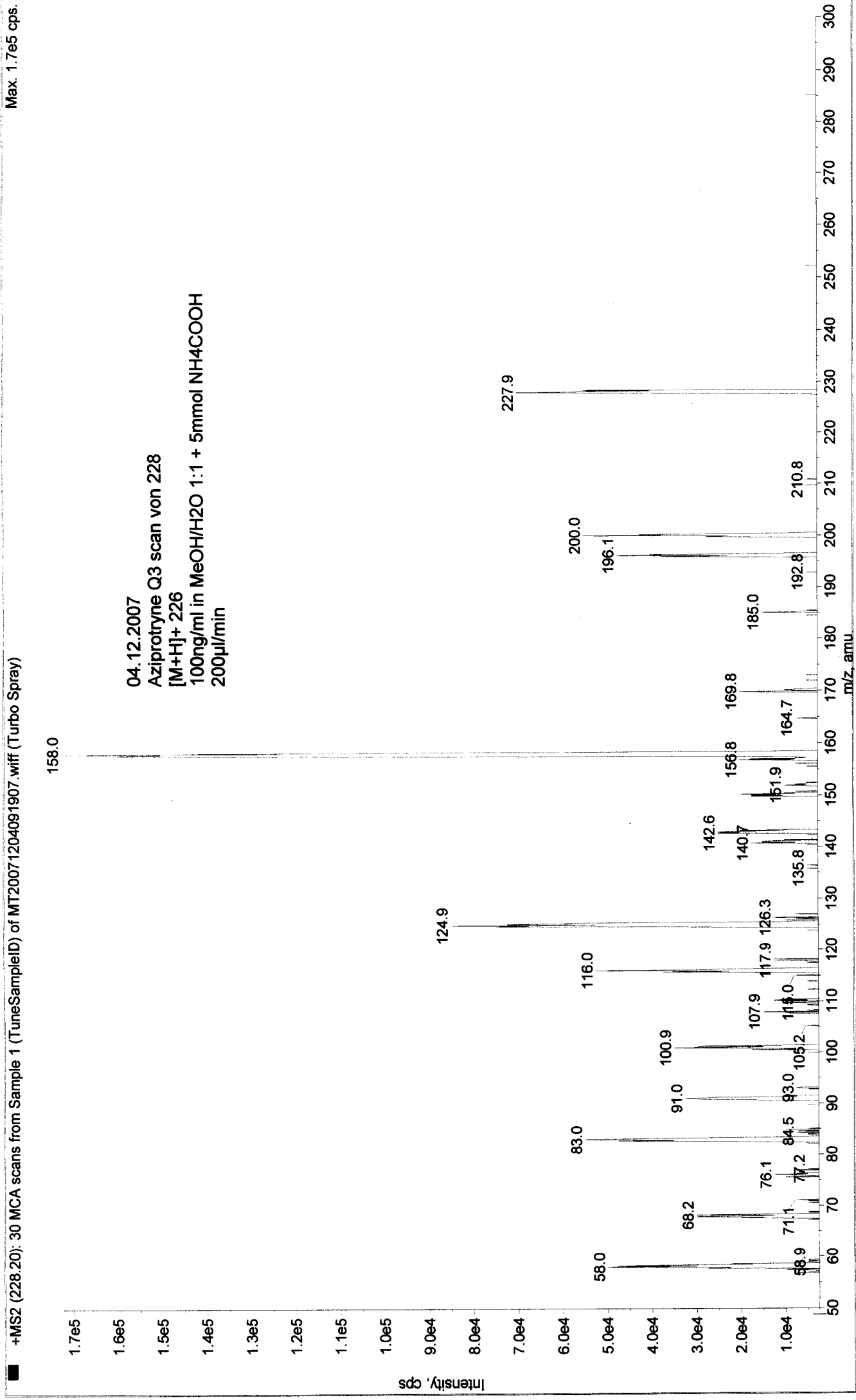
Max. 1.6e8 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204091333.wiff (Turbo Spray)



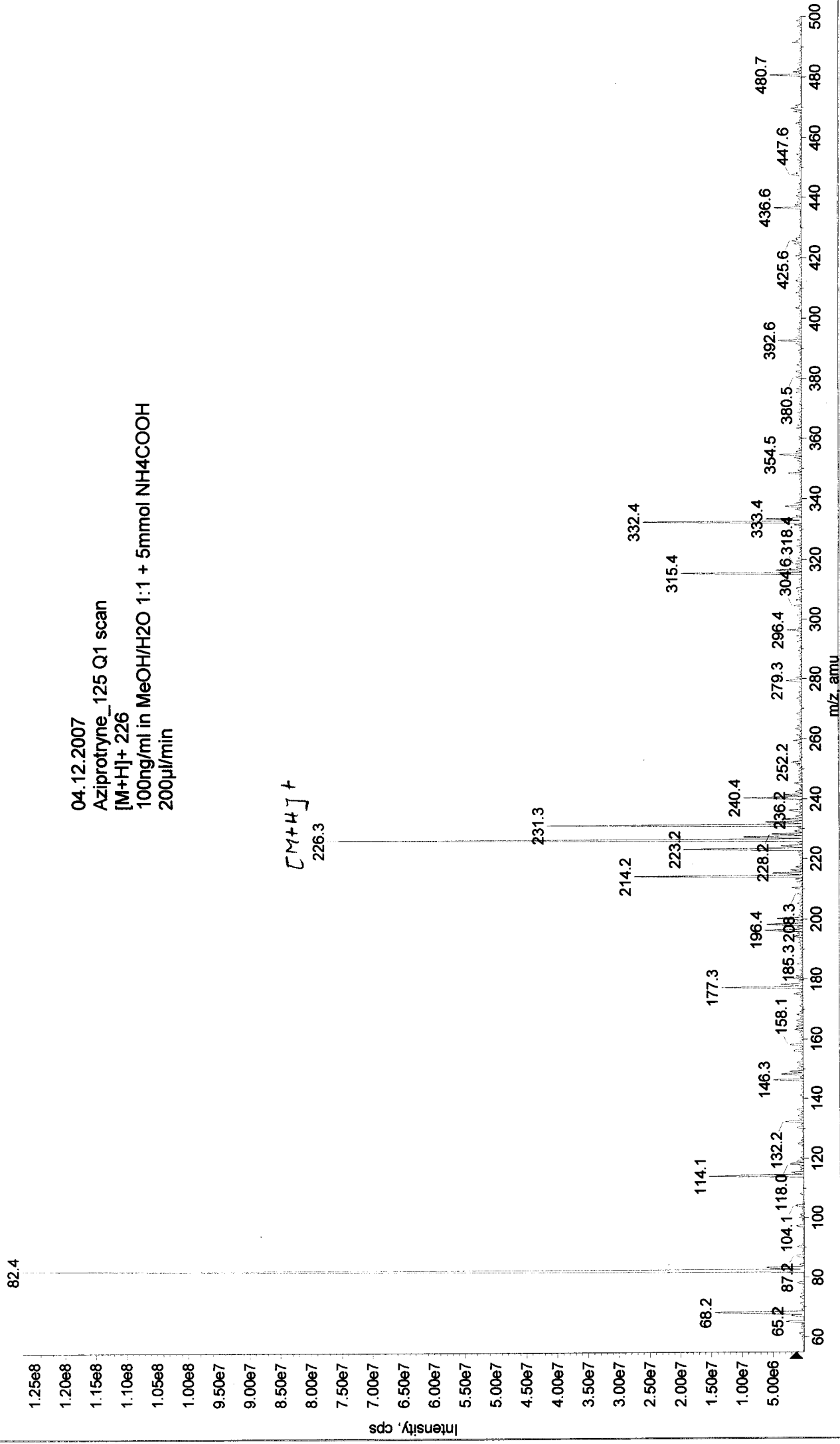
■ +MS2 (226.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204091620.wiff (Turbo Spray)





Max. 1.3e8 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204092318.wiff (Turbo Spray)



■ +MS2 (226.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204092516.wiff (Turbo Spray)

