

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

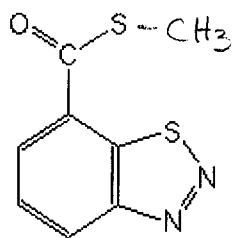
### Analyte: Acibenzolar-S-methyl

CAS No.: 135158-54-2

Formula: C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>OS<sub>2</sub>

Molecular mass (lowest isotopes): 209,99 amu

Structure:



Ionisation: ESI +

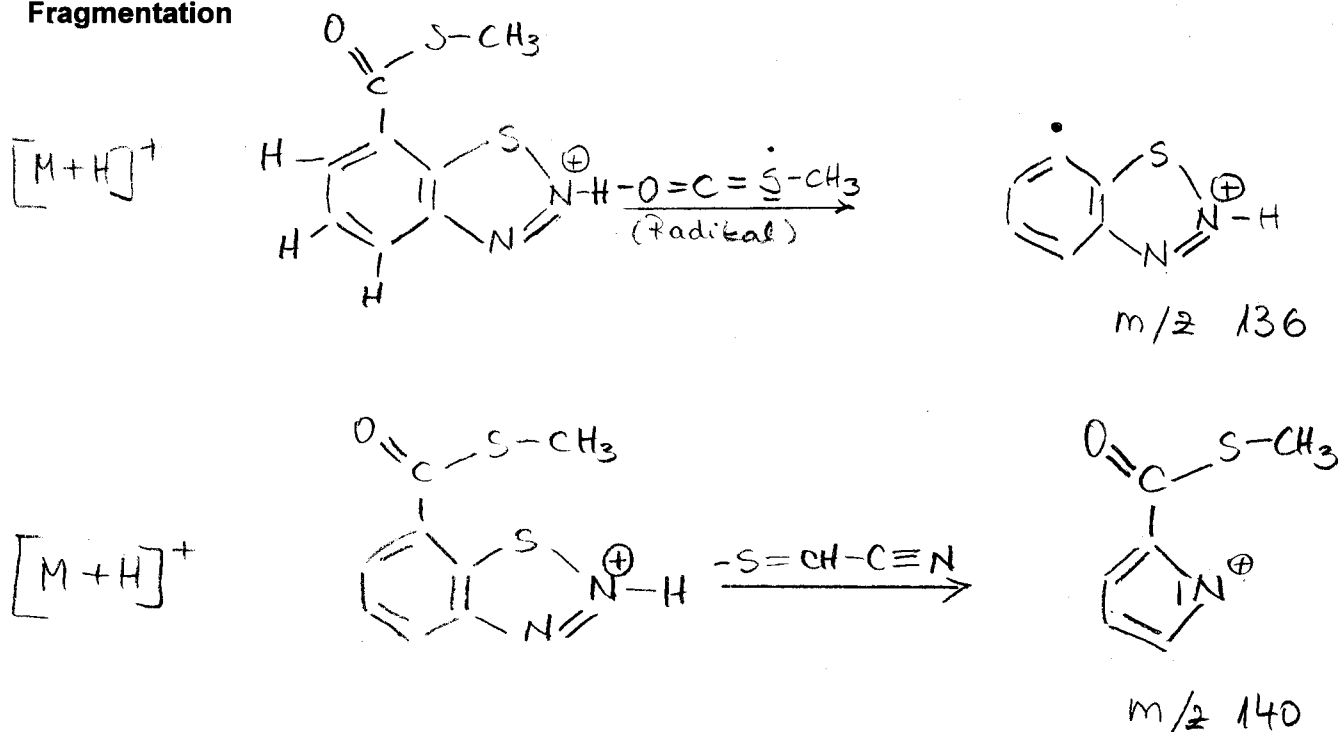
Quasimolecular ion: 210,9 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

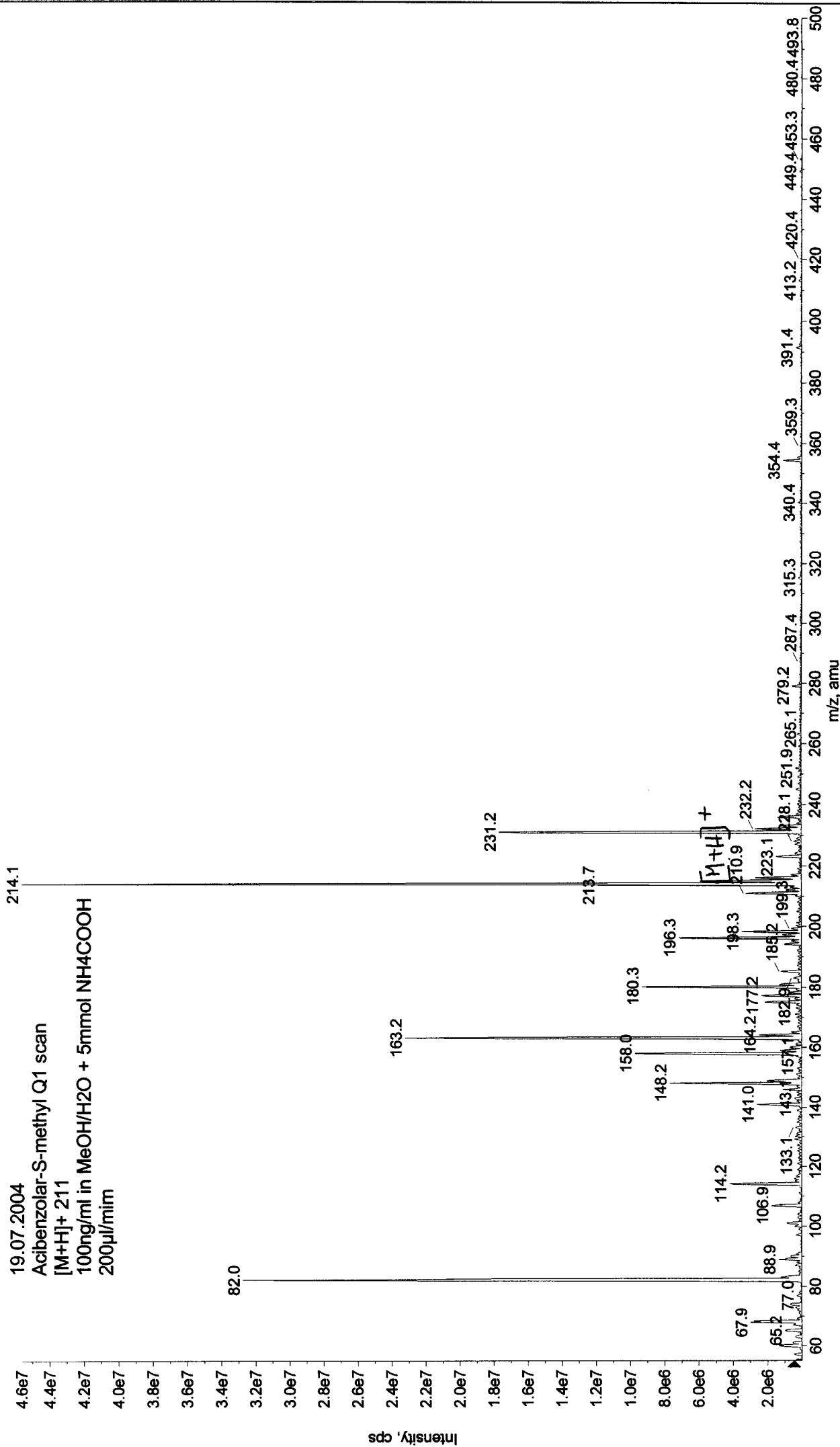
Transition	210,9 → 136,1	210,9 → 140,0
Declustering potential (DP) <sup>*)</sup>	26 V	26 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	12 V	14 V
Collision energy (CE)	39 V	31 V
Collision cell exit potential (CXP)	6 V	6 V

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

### Fragmentation

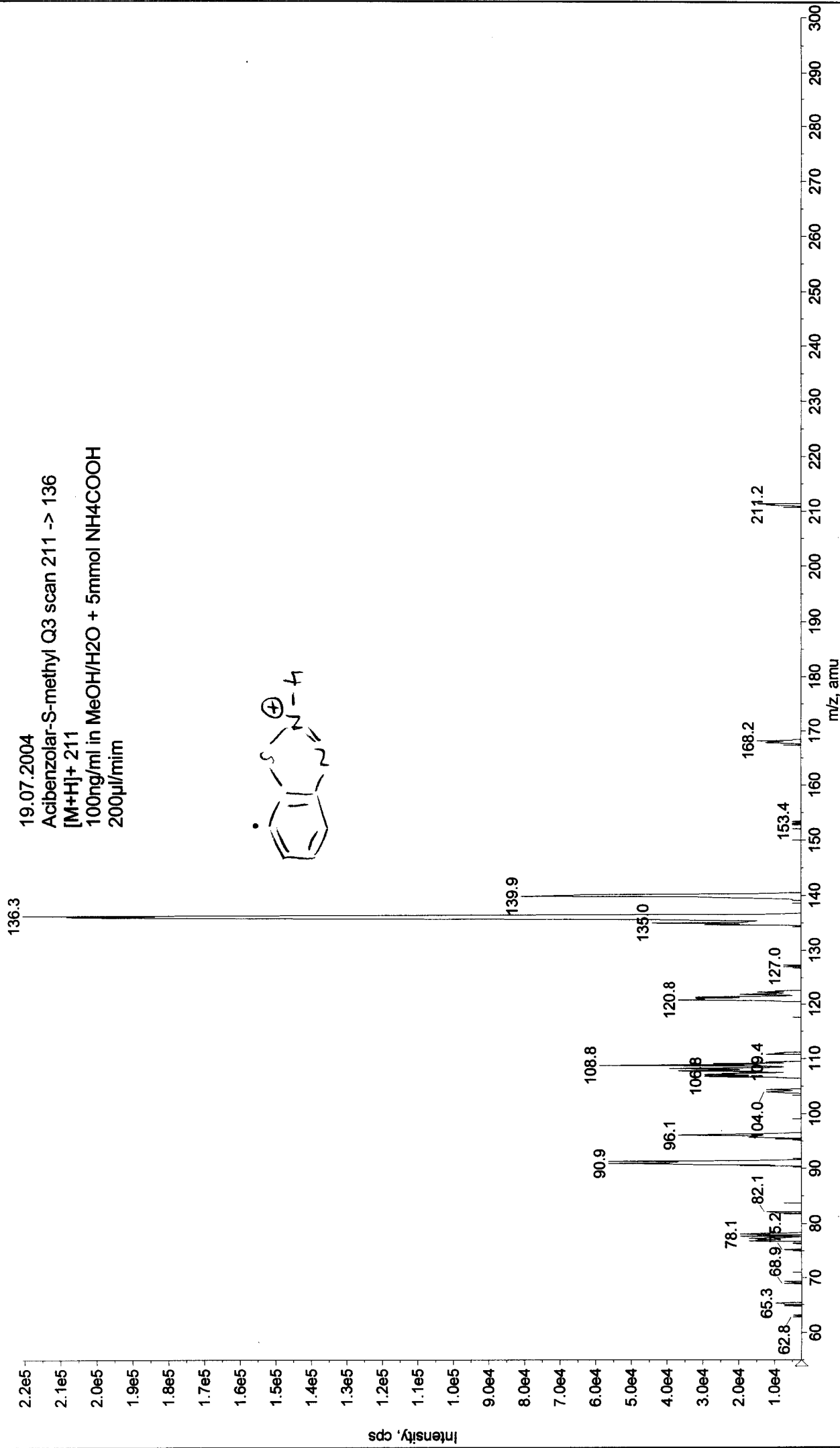


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719134634.wiff (Turbo Spray) Max. 4.6e7 cps.

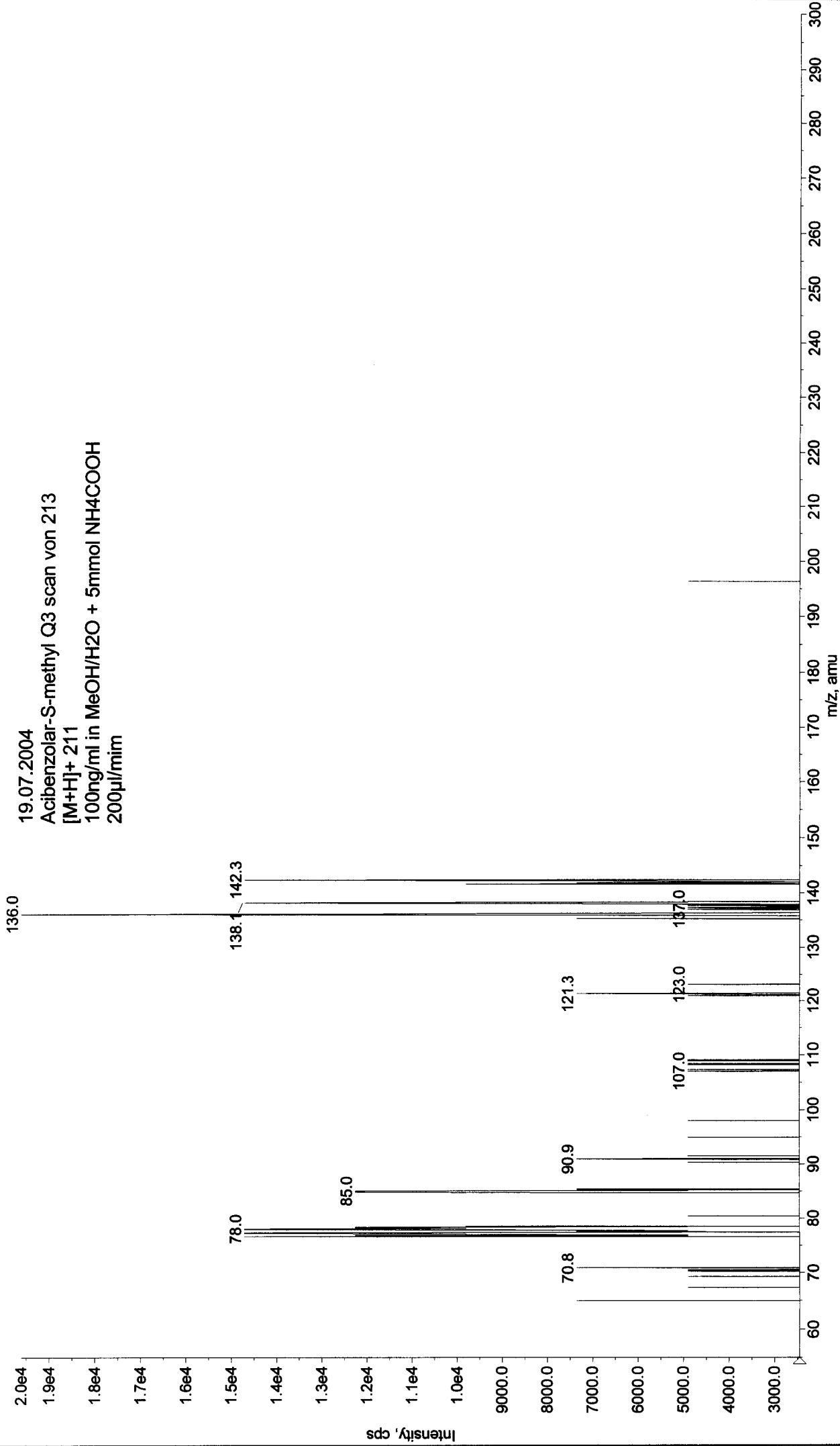


Max. 2.2e5 cps

+MS2 (211.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719134912.wiff (Turbo Spray)



Max. 2.0e4 cps



Max. 1.6e5 cps

+MS2 (211.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719142213.wiff (Turbo Spray)

