

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

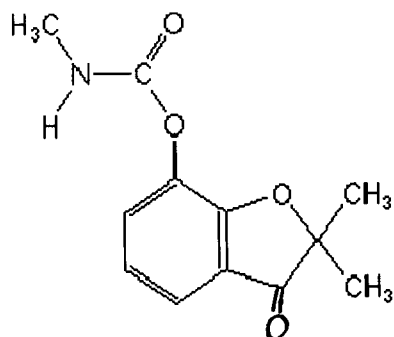
### Analyte: 3-Keto-carbofuran

CAS No.: 1563-66-2

Formula: C<sub>12</sub>H<sub>13</sub>NO<sub>4</sub>

Molecular mass (lowest isotopes): 235,08 amu

Structure:



Ionisation: ESI +

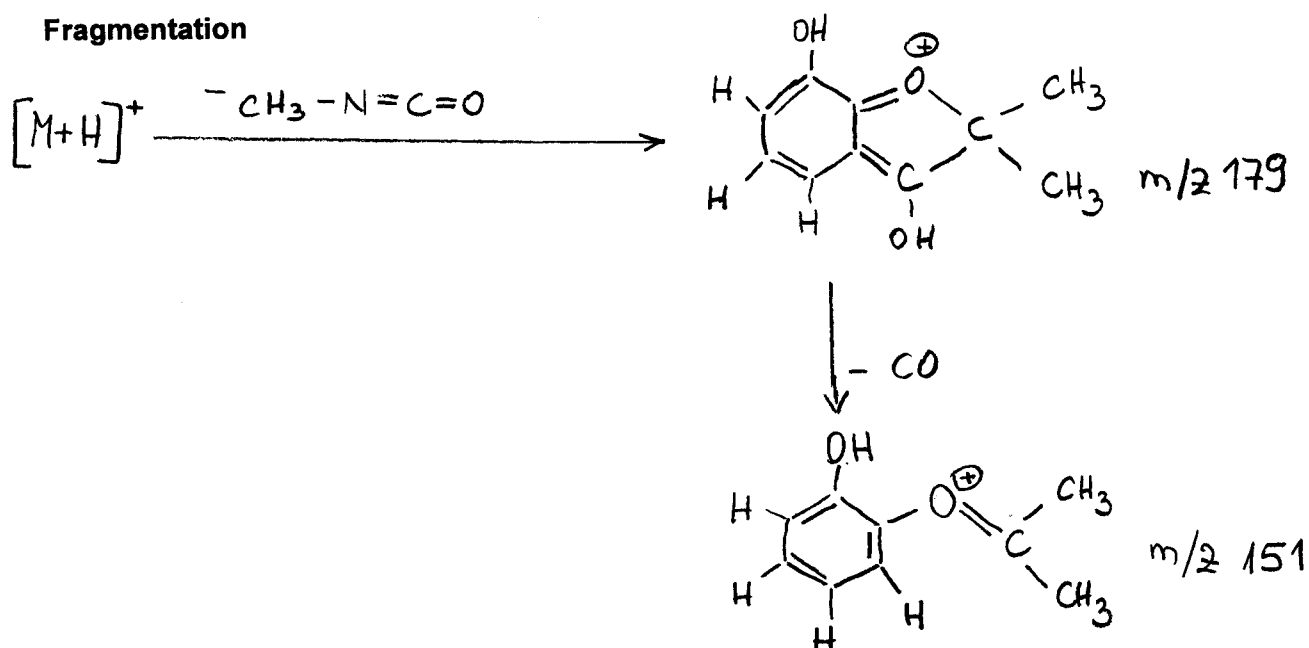
Quasimolecular ion: 236,1 amu = [M+H]<sup>+</sup>

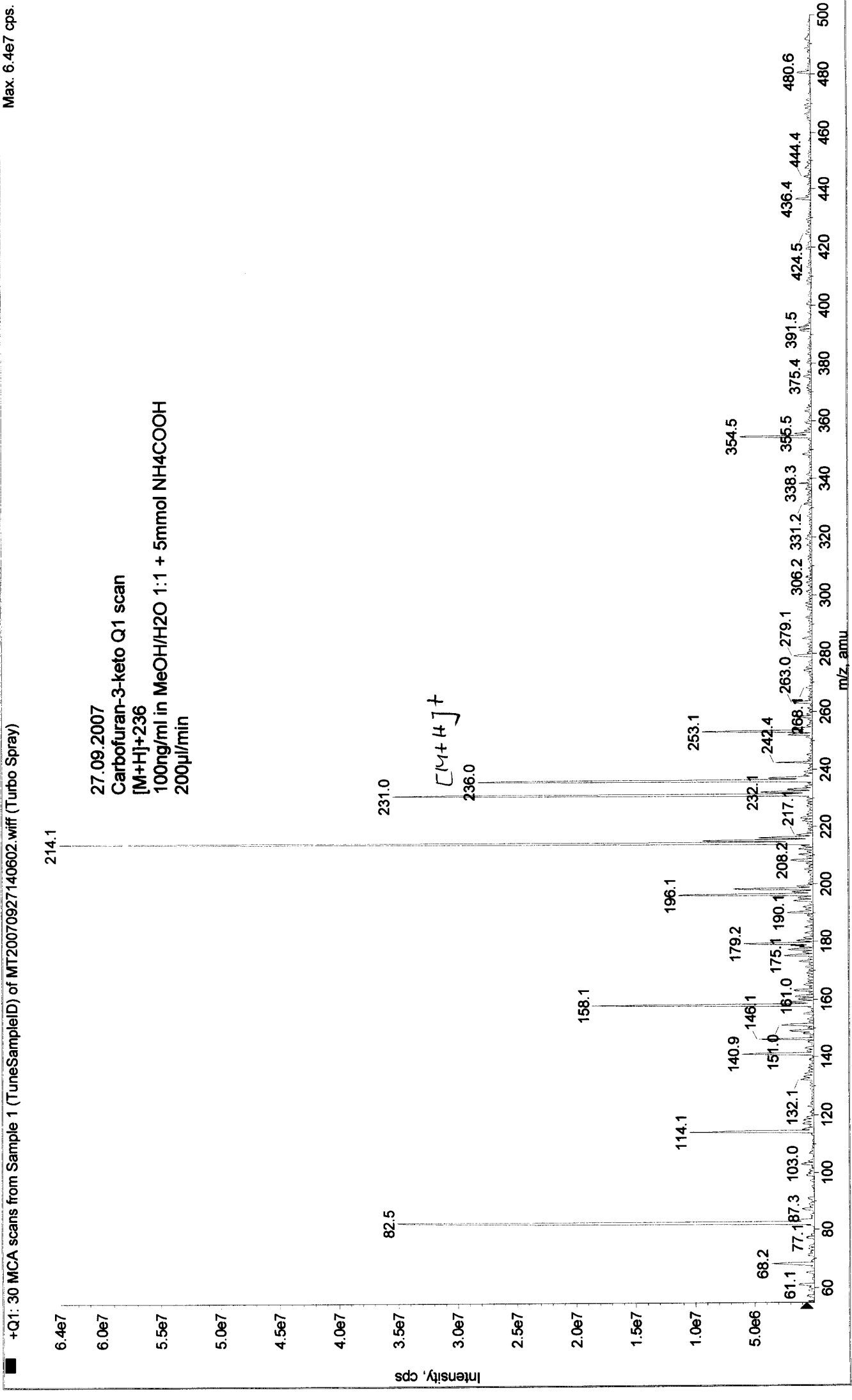
Analyte sensitive parameter set (API 2000)

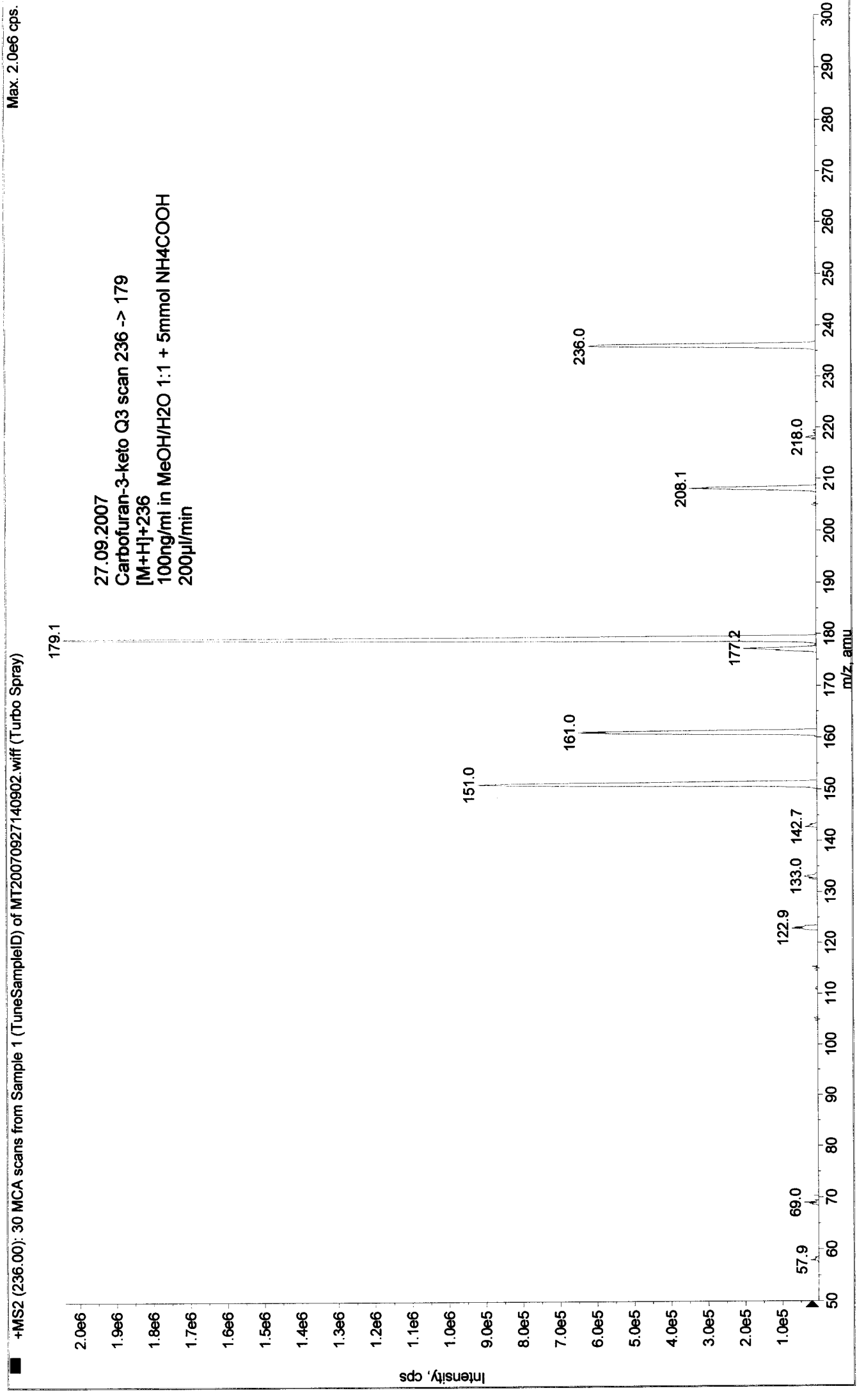
Transition	236,1 → 179,0	236,1 → 151,0
Declustering potential (DP) <sup>*)</sup>	41 V	41 V
Focusing potential (FP)	340 V	370 V
Entrance potential (EP)	8,5 V	8 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	17 V	19 V
Collision cell exit potential (CXP)	10 V	8 V

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

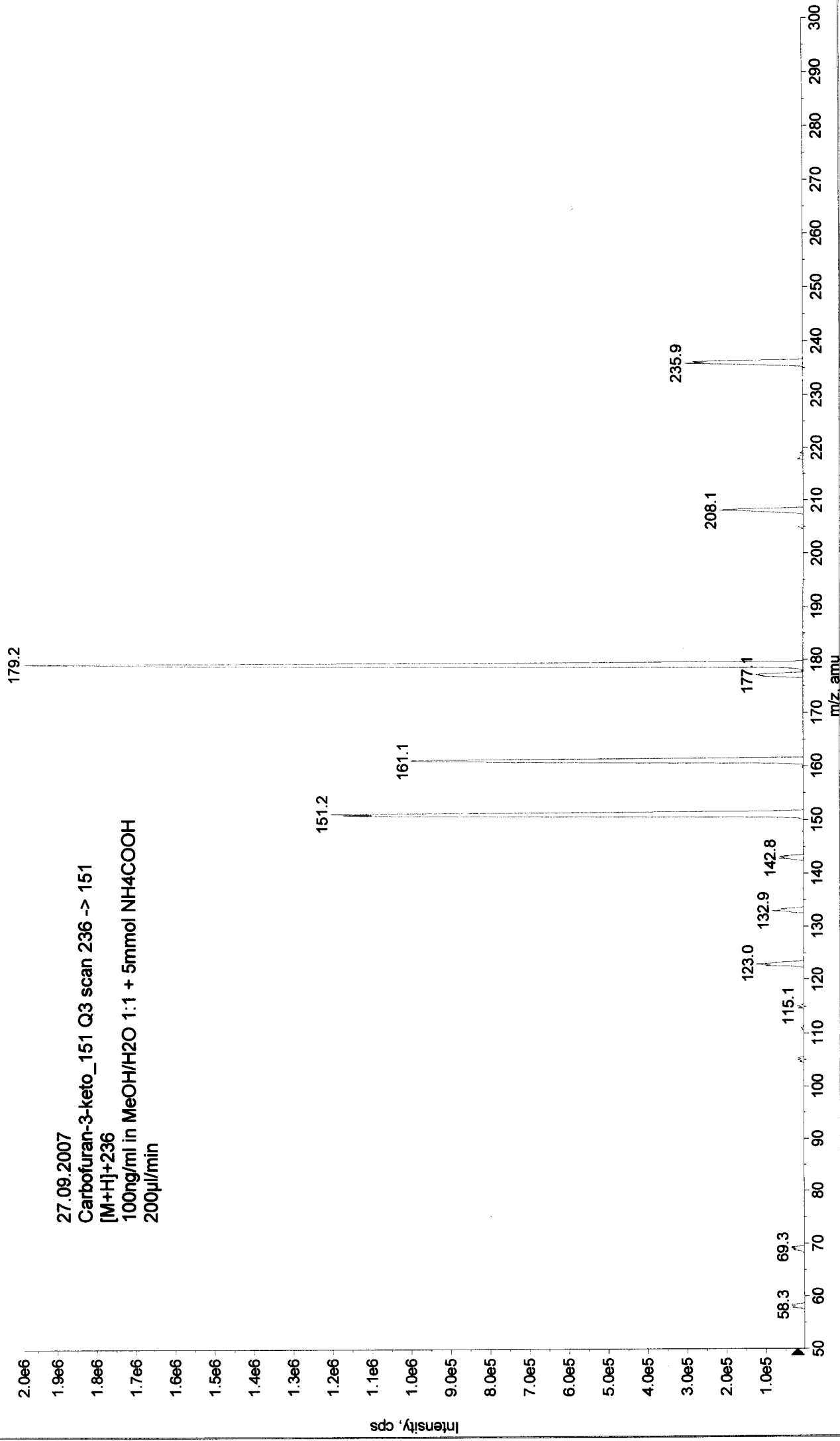
### Fragmentation







■ +MS2 (236.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070927143301.wiff (Turbo Spray)



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070927142642.wiff (Turbo Spray)

