

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

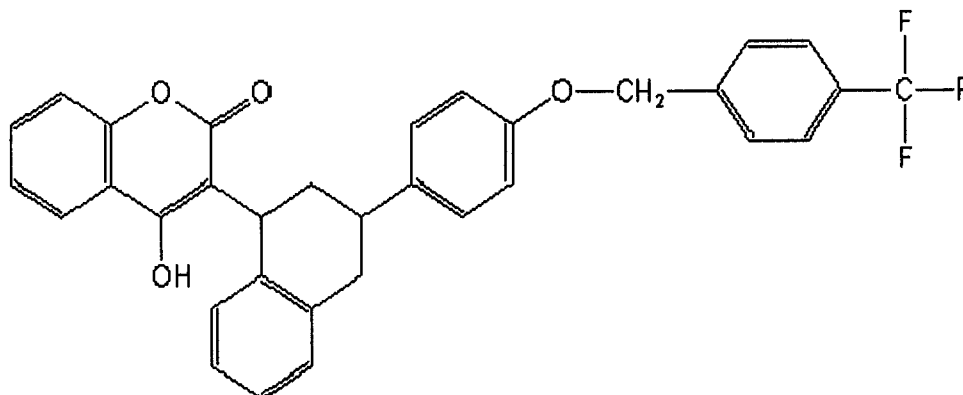
### Analyte: Flocoumafen

CAS No.: 90035-08-8

Formula: C<sub>33</sub>H<sub>25</sub>F<sub>3</sub>O<sub>4</sub>

Molecular mass (lowest isotopes): 542,17 amu

Structure:



Ionisation: ESI +

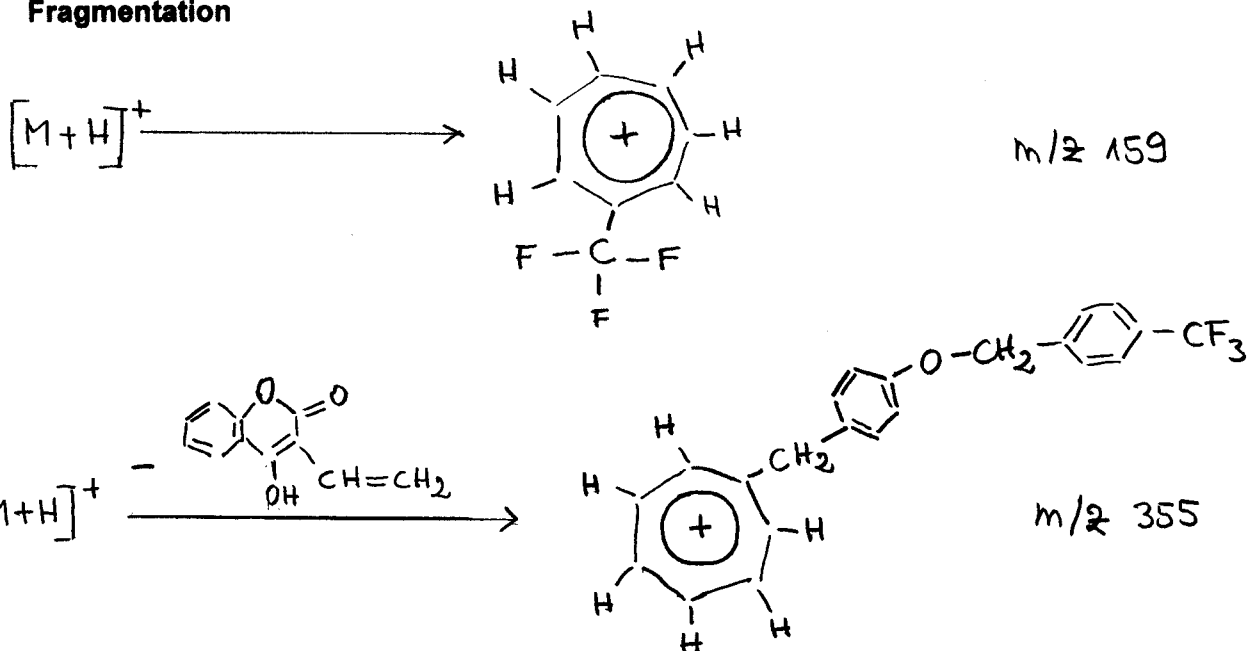
Quasimolecular ion: 542,2 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	542,2 → 159,0	542,2 → 355,0
Declustering potential (DP) <sup>*)</sup>	78,5 V	78,5 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,5 V	10 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	51 V	29 V
Collision cell exit potential (CXP)	8 V	20 V

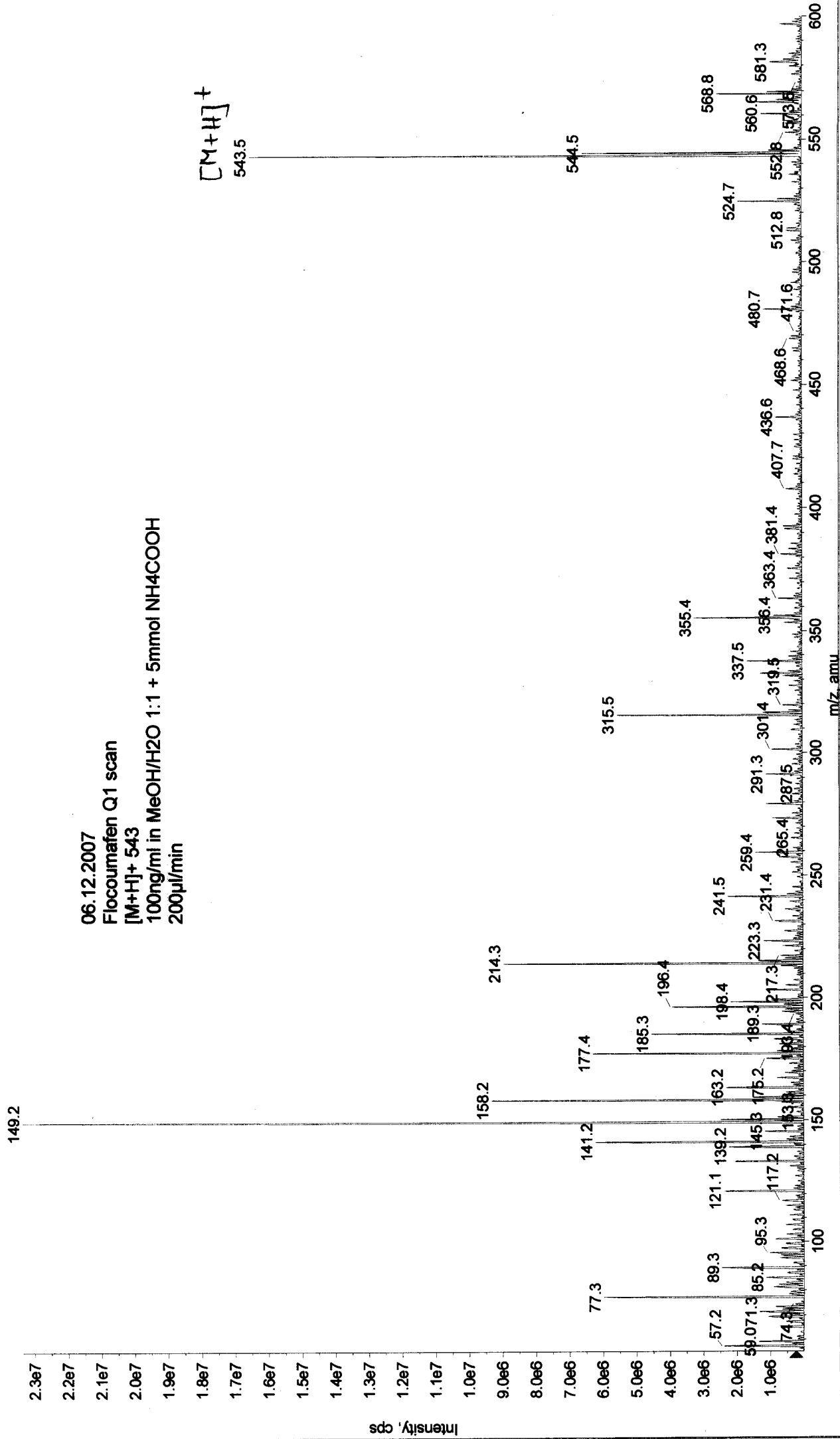
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

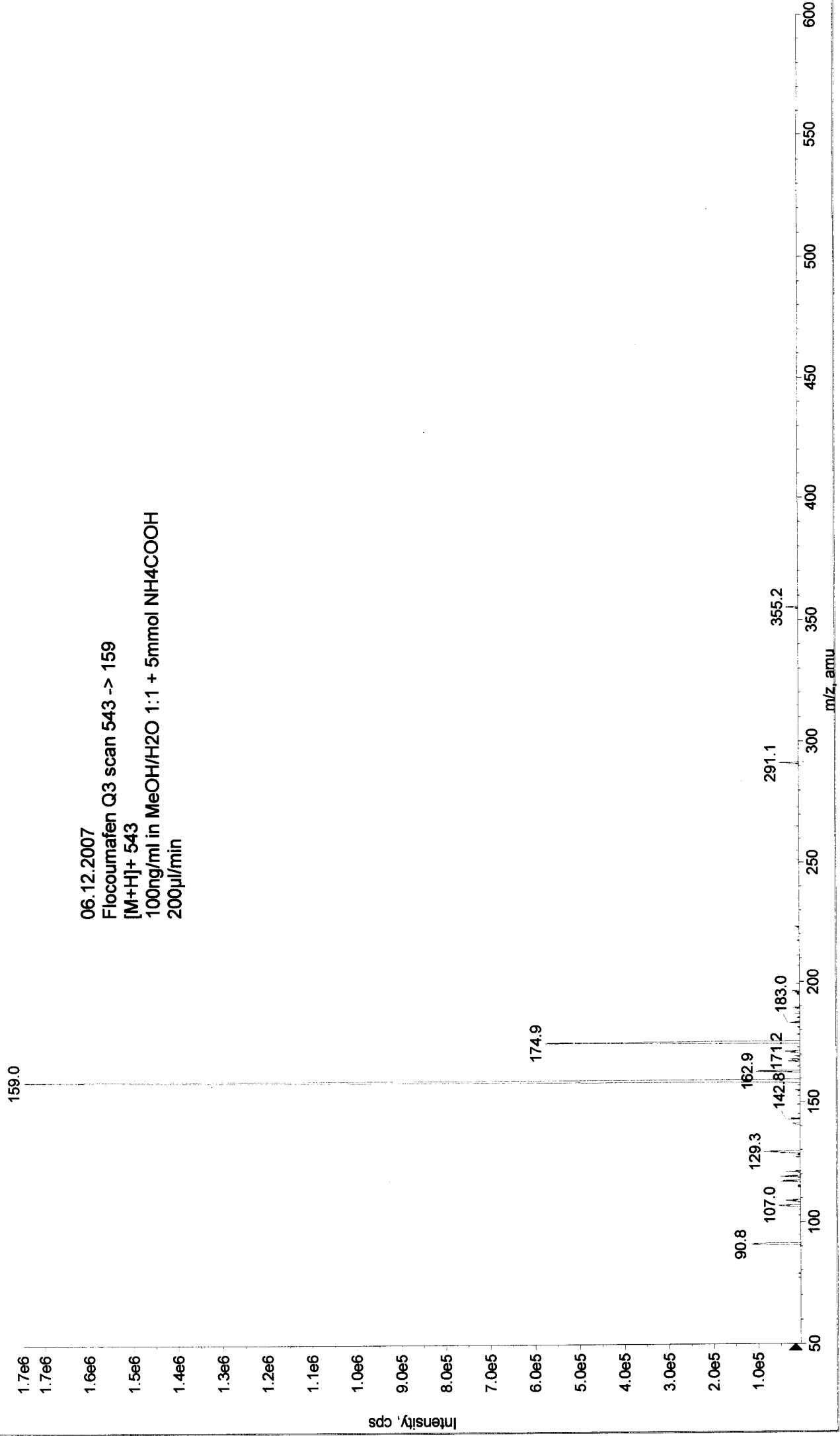


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206103231.wiff (Turbo Spray)

Max. 2.3e7 cps.

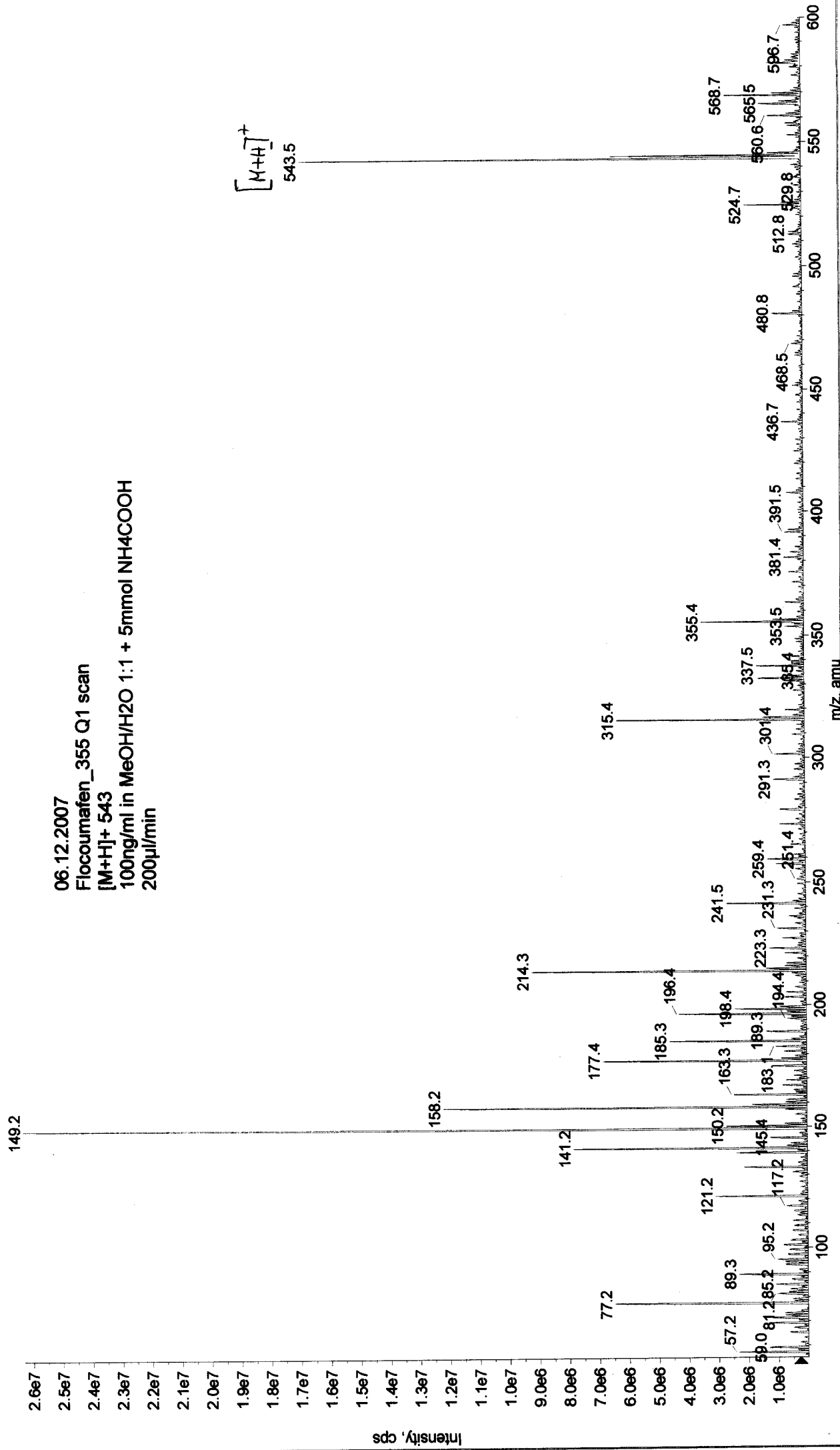


■ +MS2 (543.40): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206103532.wiff (Turbo Spray)



Max. 2.6e7 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206104108.wiff (Turbo Spray)



Max. 6.7e5 cps.

■ +MS2 (543.40): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206105233.wiff (Turbo Spray)

