

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

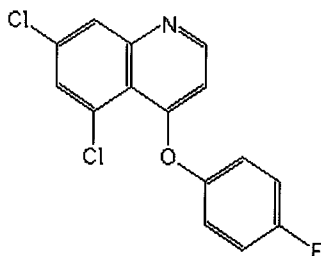
### Analyte: Quinoxifen

CAS No.: 124495-18-7

Formula: C<sub>15</sub>H<sub>8</sub>Cl<sub>2</sub>FNO

Molecular mass (lowest isotopes): 307,00 amu

Structure:



Ionisation: ESI +

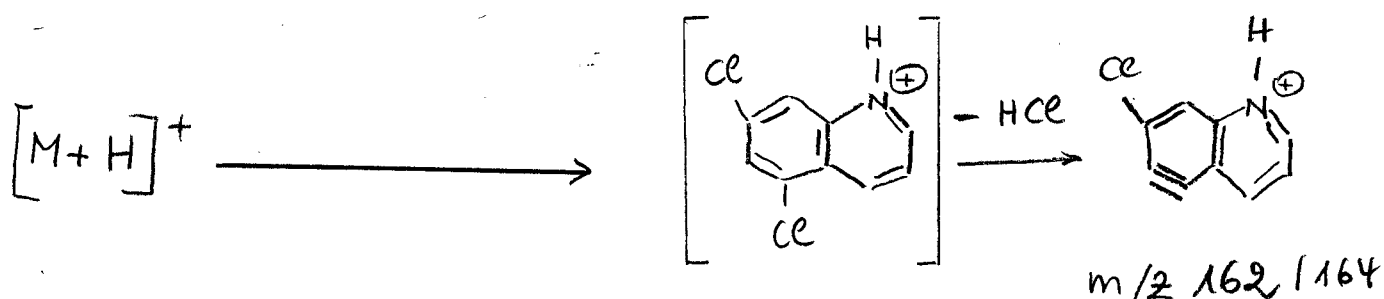
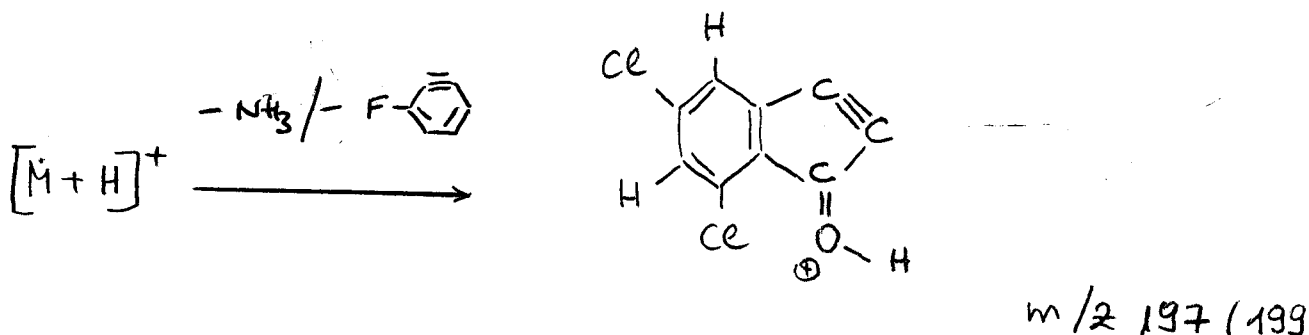
Quasimolecular ion: 307,9 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	307,9 → 162,0	307,9 → 197,1
Declustering potential (DP)*)	21 V	21 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	57 V	43 V
Collision cell exit potential (CXP)	8 V	10 V

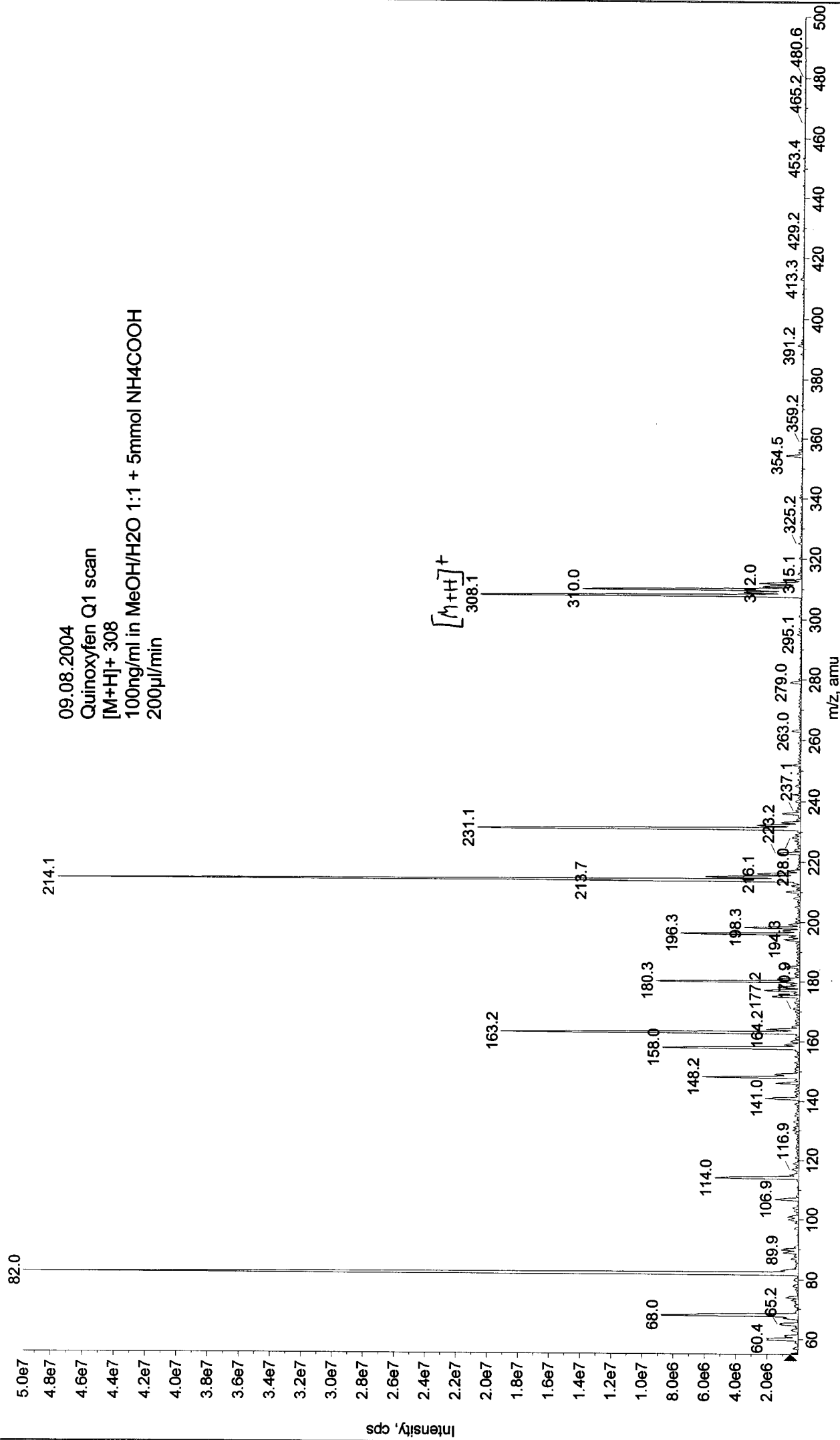
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



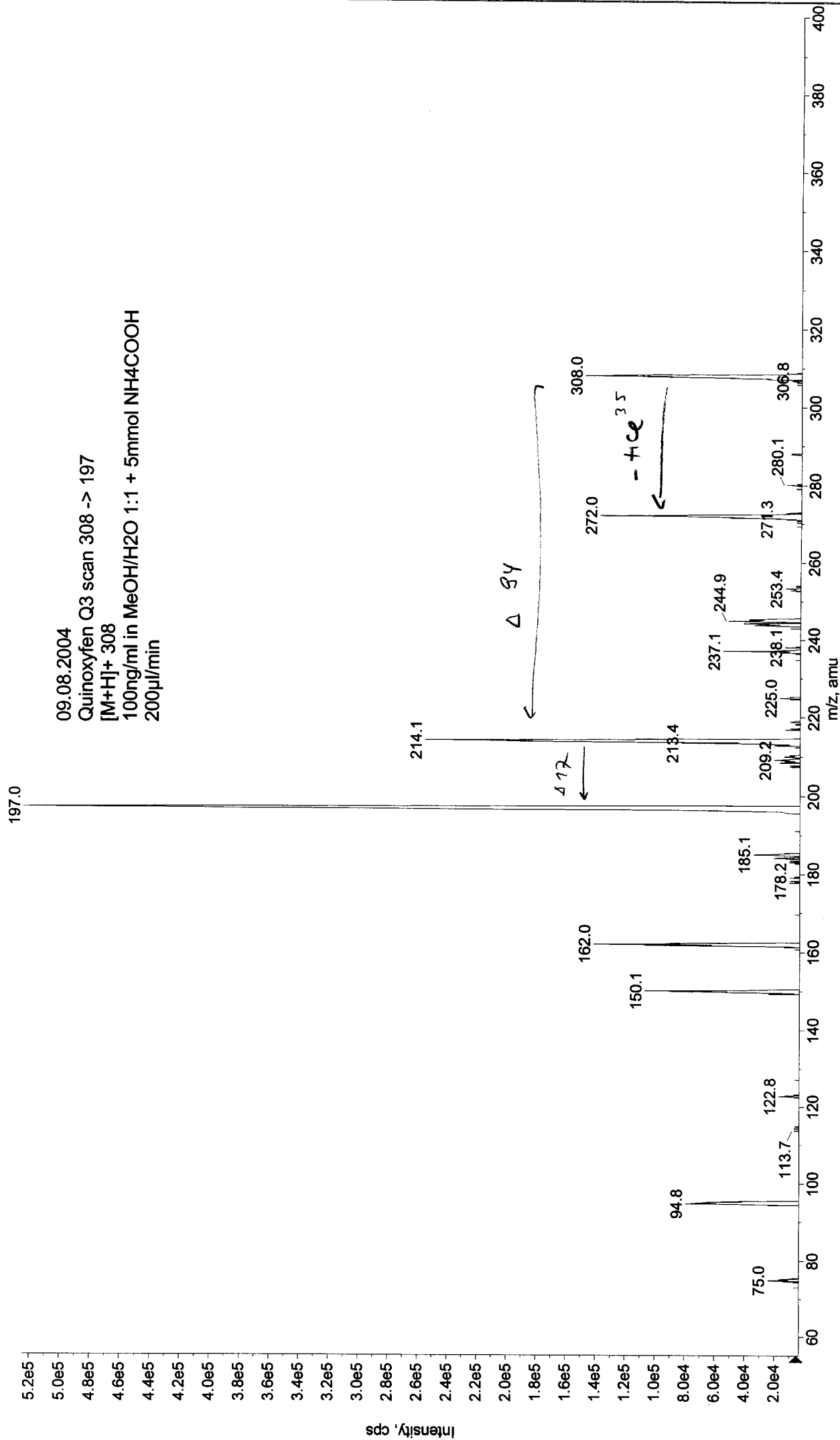
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809092519.wiff (Turbo Spray)

Max. 5.0e7 cps.

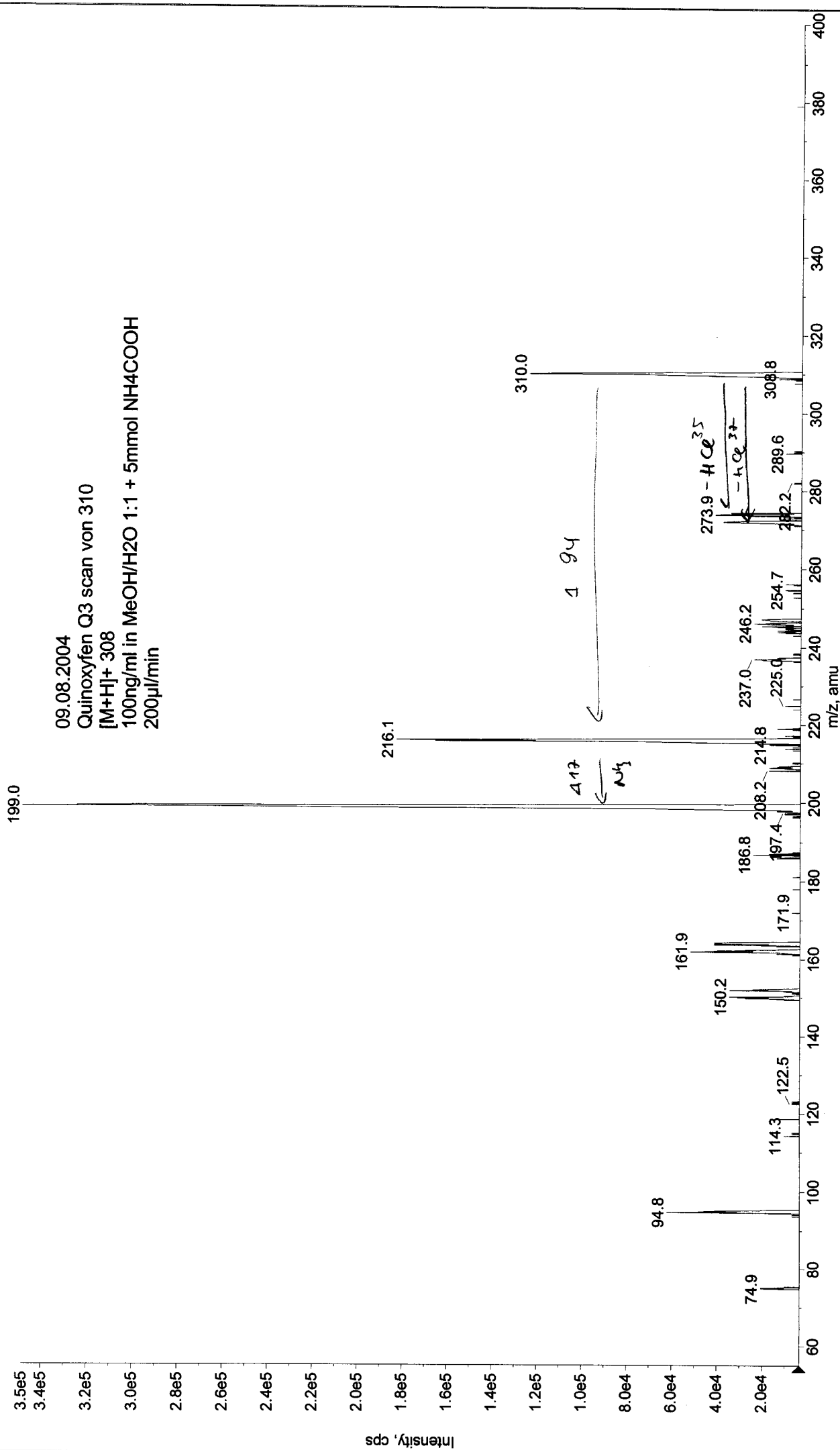


+MS2 (308.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809101658.wiff (Turbo Spray)

Max. 5.2e5 cps.



Max. 3.5e5 cps.  
+MS2 (310.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809101834.wiff (Turbo Spray)



+MS2 (308.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809102616.wiff (Turbo Spray) Max. 4.0e5 cps.

