

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

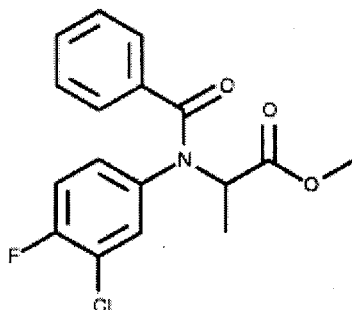
Analyte: Flamprop-M-methyl

CAS No.: 63729-98-6

Formula: C₁₇H₁₅ClFNO₃

Molecular mass (lowest isotopes): 335,07 amu

Structure:



Ionisation: ESI +

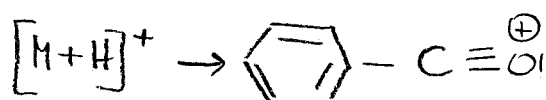
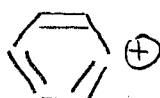
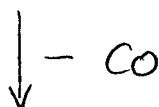
Quasimolecular ion: 336,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

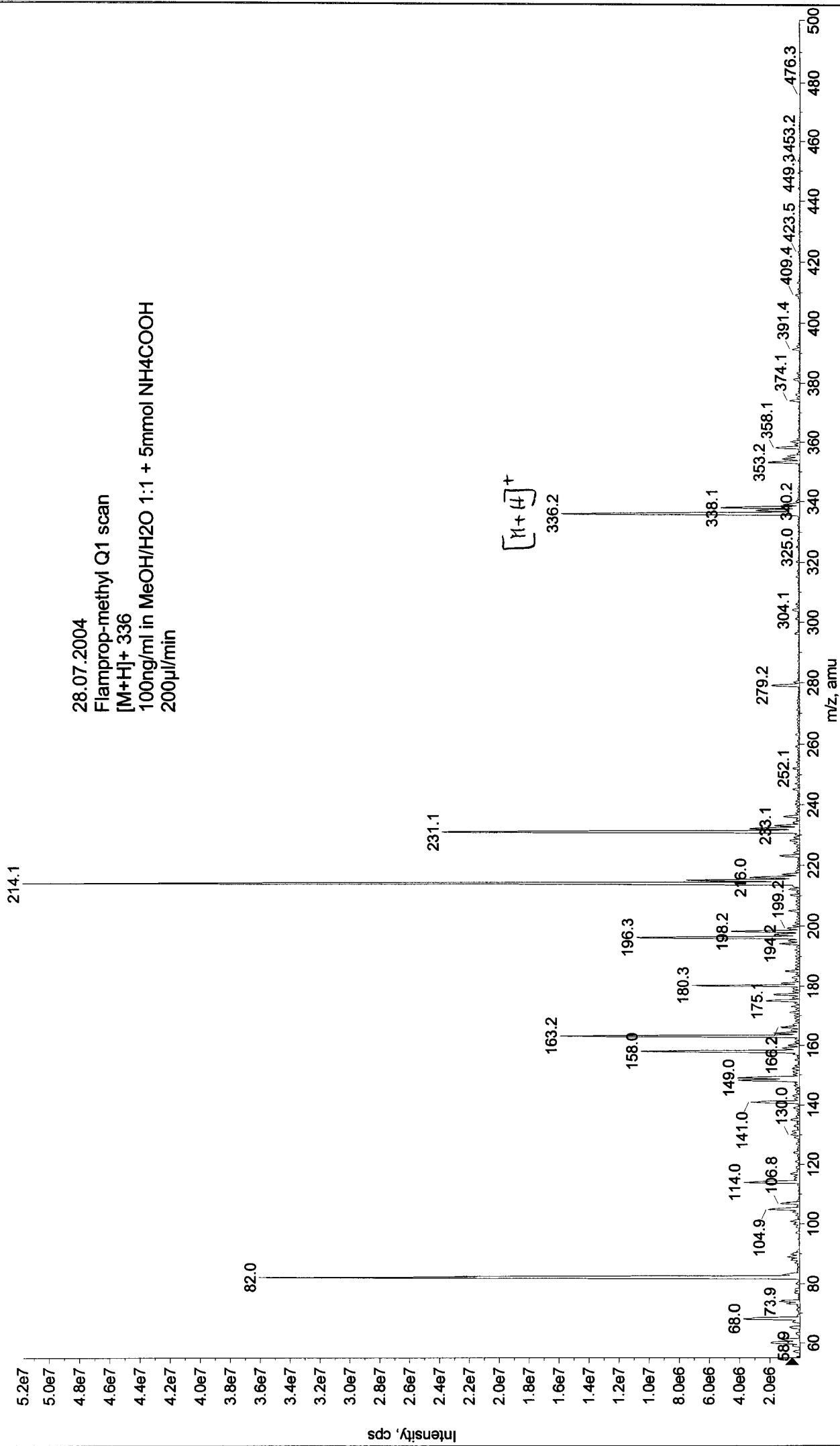
Transition	336,0 → 105,1	336,0 → 77,1
Declustering potential (DP) ^{*)}	34 V	34 V
Focusing potential (FP)	340 V	340 V
Entrance potential (EP)	11,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	21 V	67 V
Collision cell exit potential (CXP)	6 V	4 V

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

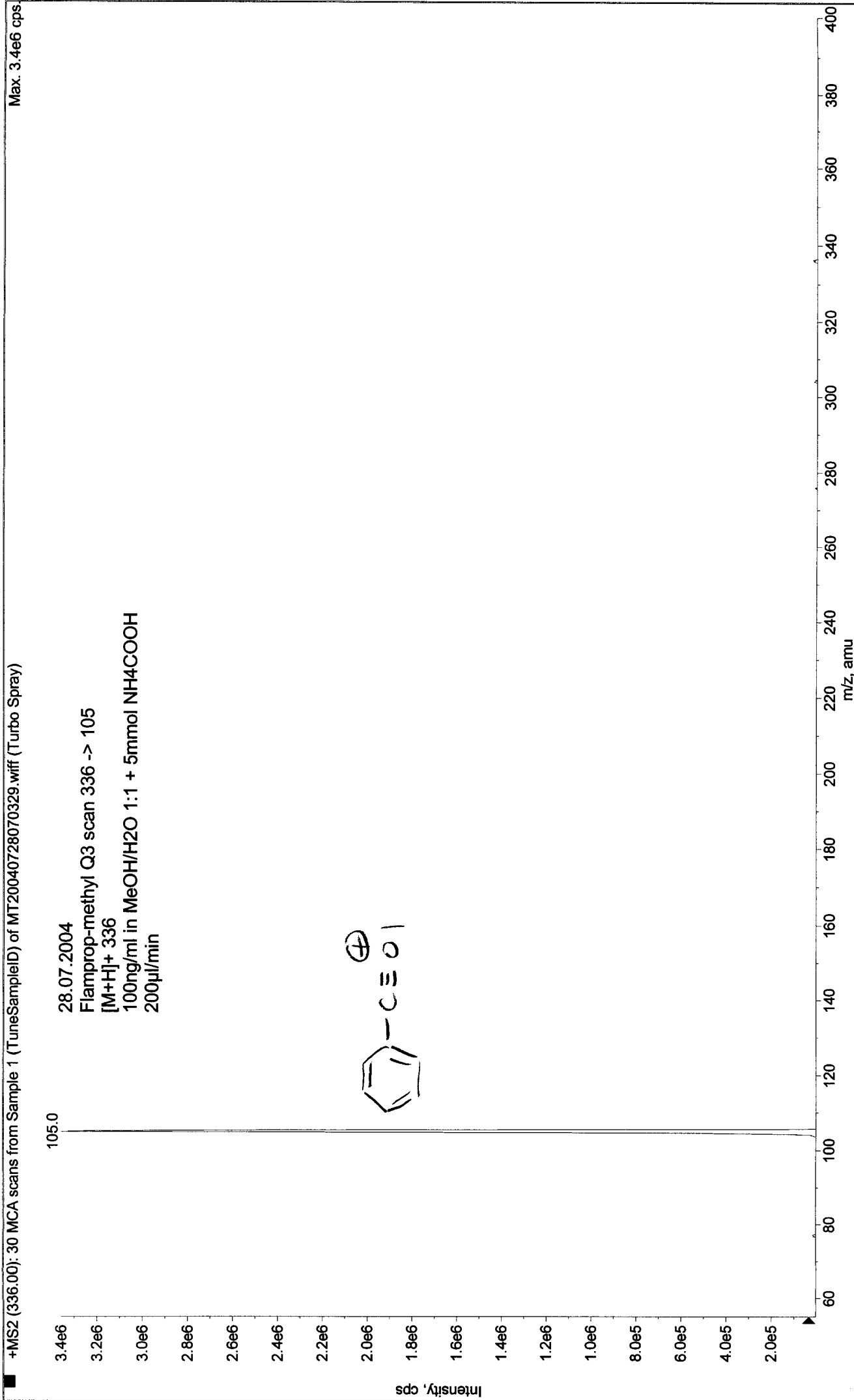
Fragmentation

 m/z 105 m/z 77

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728070011.wiff (Turbo Spray) Max. 5.2e7 cps.

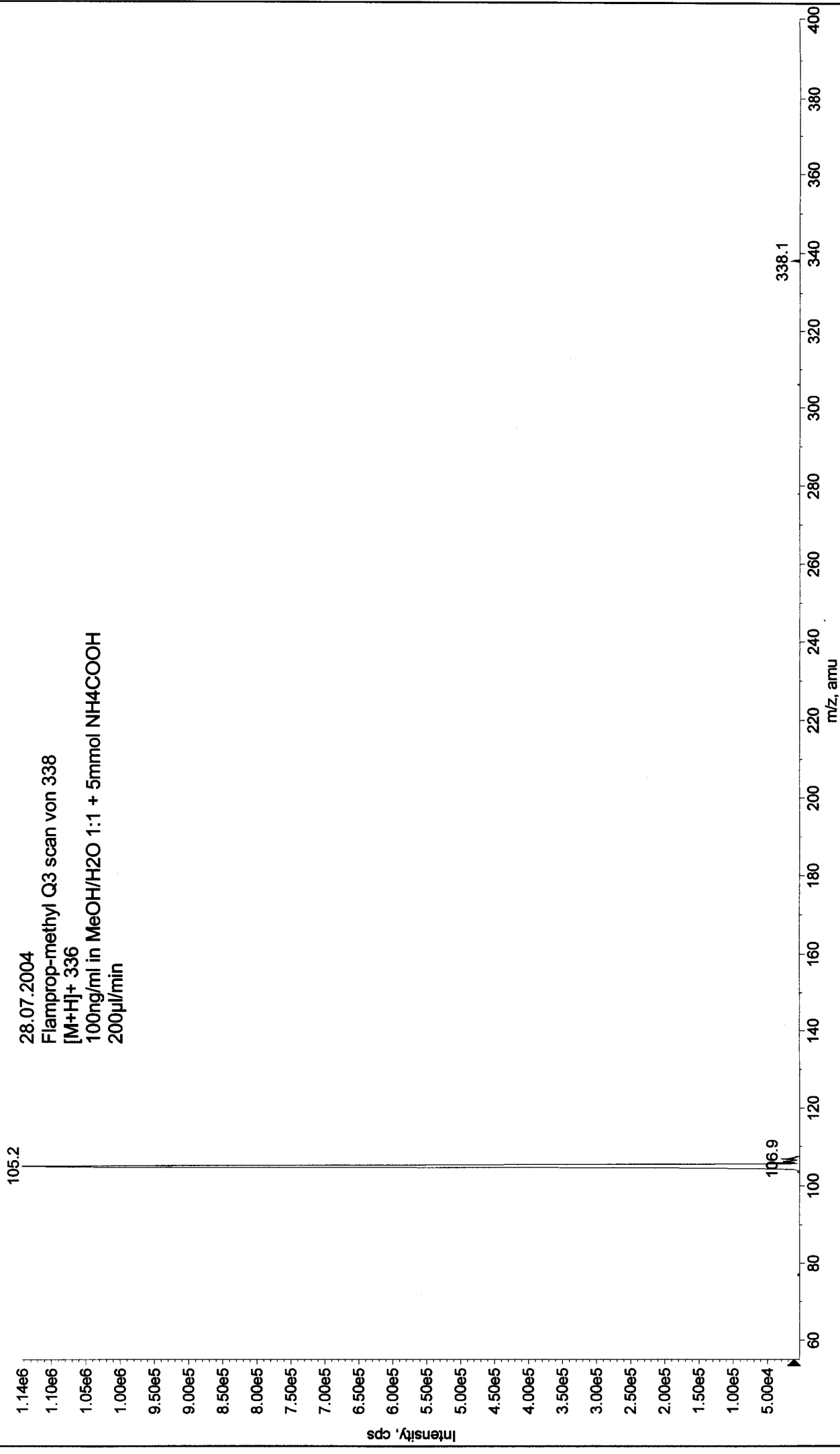


Max. 3.4e6 cps



Max. 1.1e6 cps

+MS2 (338.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728070506.wiff (Turbo Spray)



Max. 2.2e6 cps

+MS2 (336.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728082252.wiff (Turbo Spray)

