

## MS/MS Parameters of Pesticides

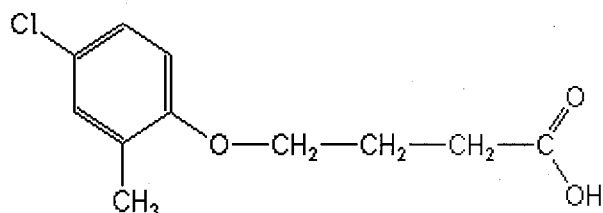
### Analyte: MCPB

CAS No.: 94-81-5

Formula: C<sub>11</sub>H<sub>13</sub>ClO<sub>3</sub>

Molecular mass (lowest isotopes): 228,00 amu

Structure:



Ionisation: ESI —

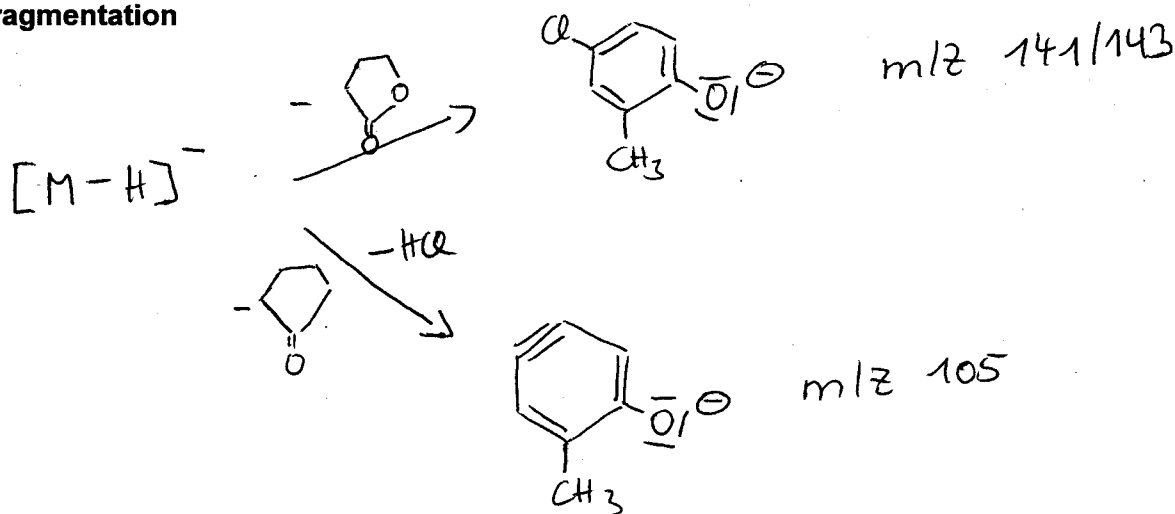
Quasimolecular ion: 227,0 amu = [M-H]<sup>-</sup>

Analyte sensitive parameter set (API 2000)

Transition	227,0 → 140,9	227,0 → 104,8
Declustering potential (DP) <sup>*)</sup>	-29V	-29 V
Focusing potential (FP)	-330 V	-300 V
Entrance potential (EP)	-10 V	-10 V
Collision cell entrance potential (CEP)	-18 V	-20 V
Collision energy (CE)	-10 V	-36 V
Collision cell exit potential (CXP)	-10 V	-20 V

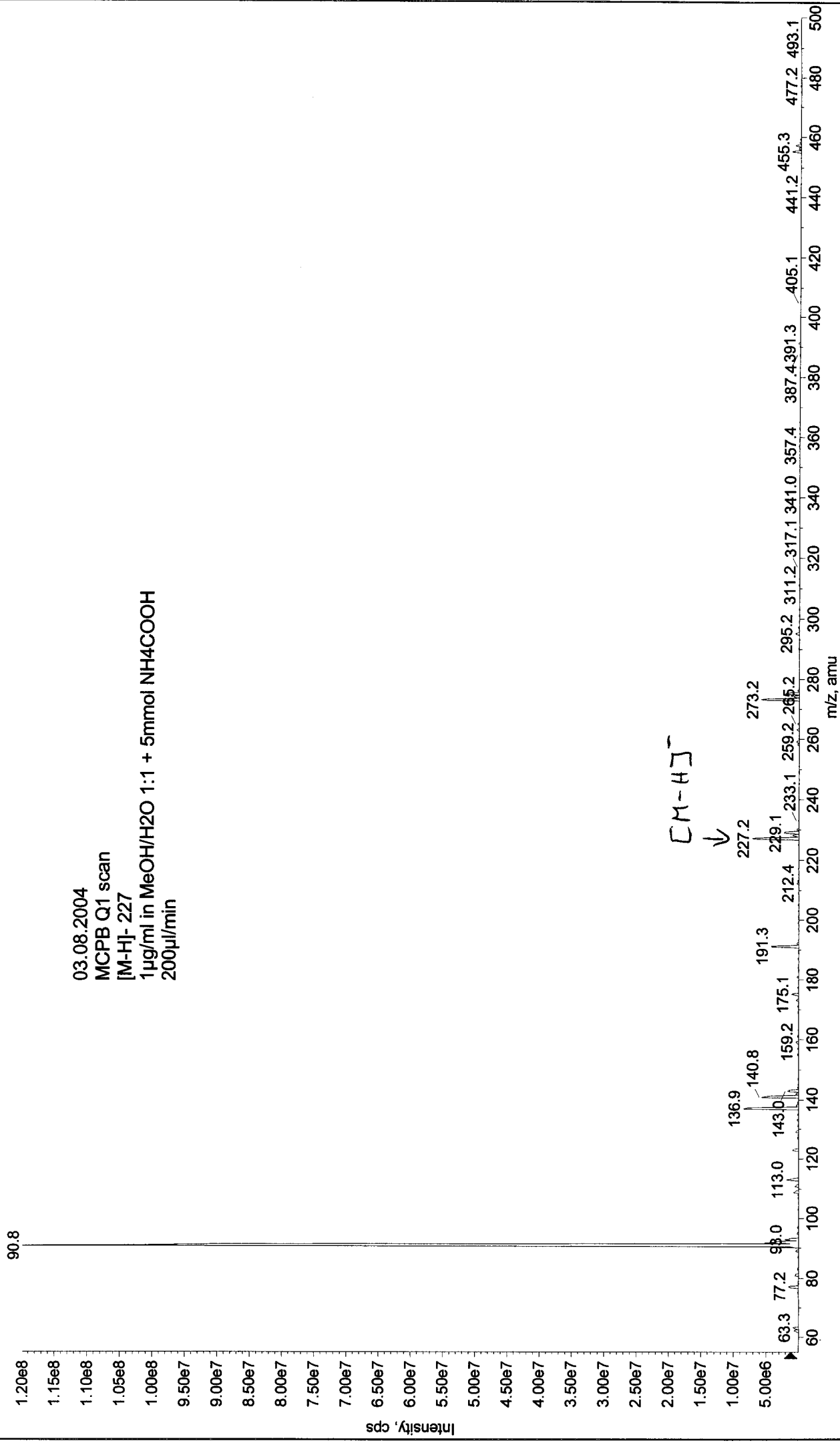
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



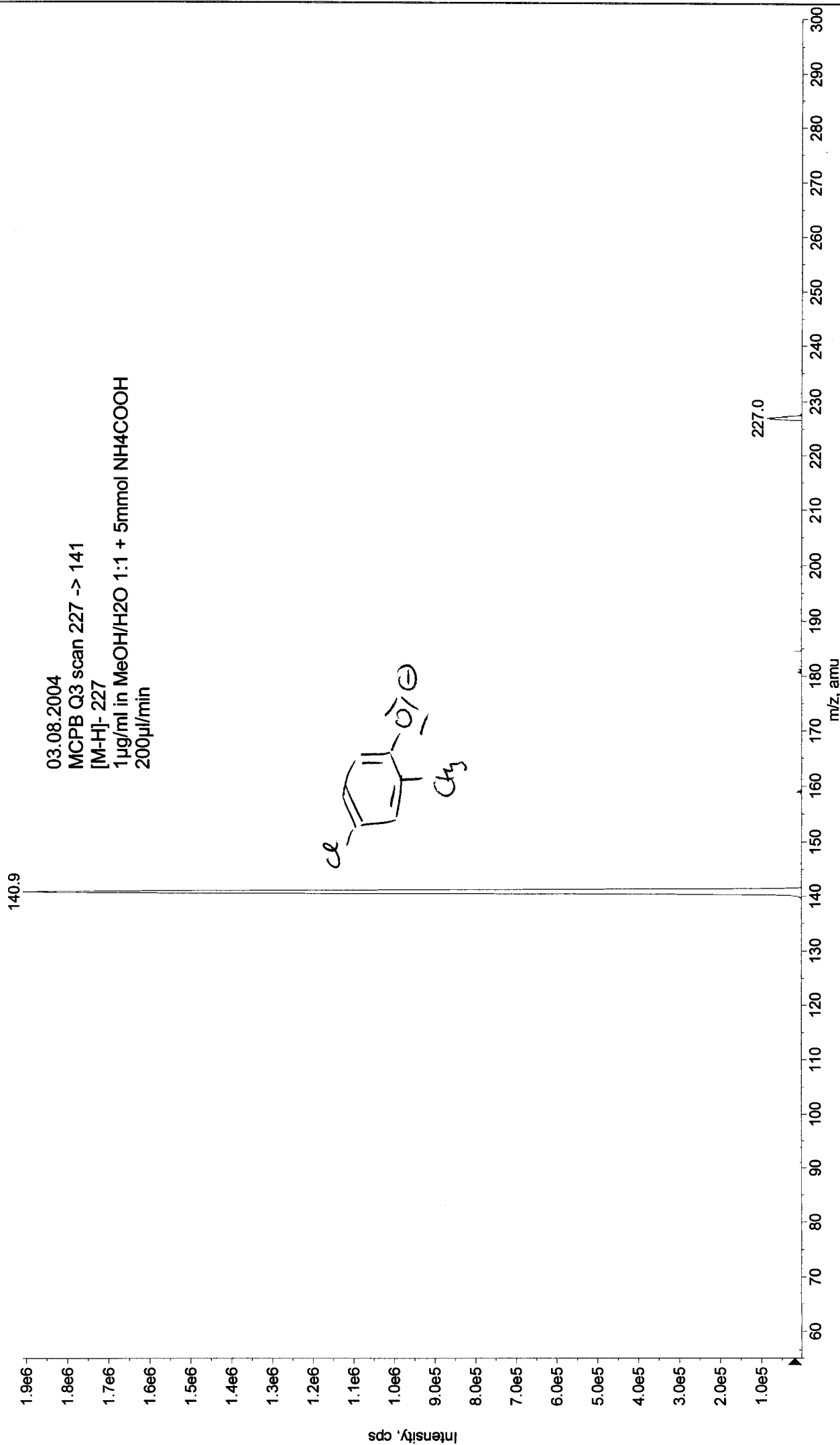
Max. 1.2e8 cps

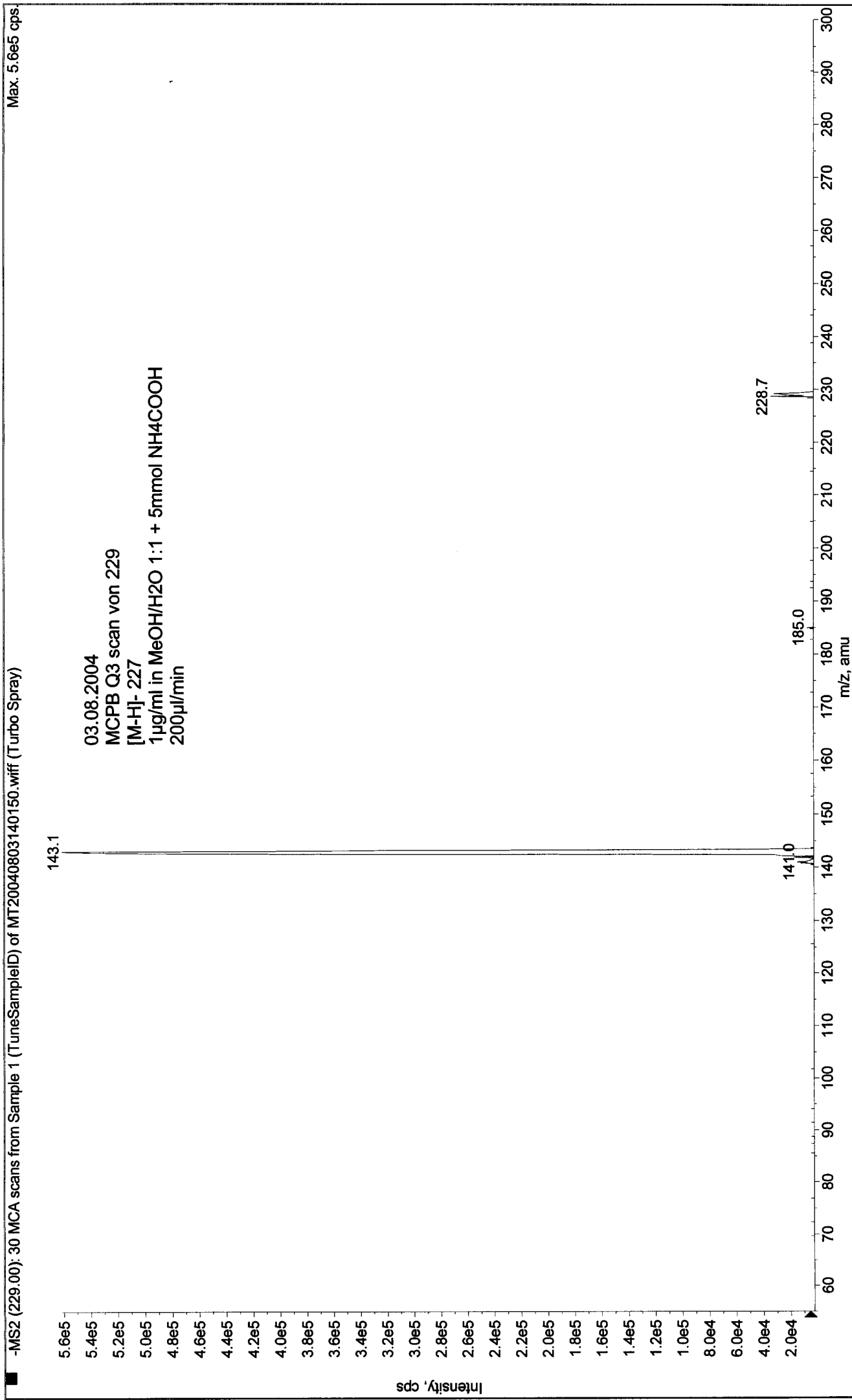
-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803135814.wiff (Turbo Spray)



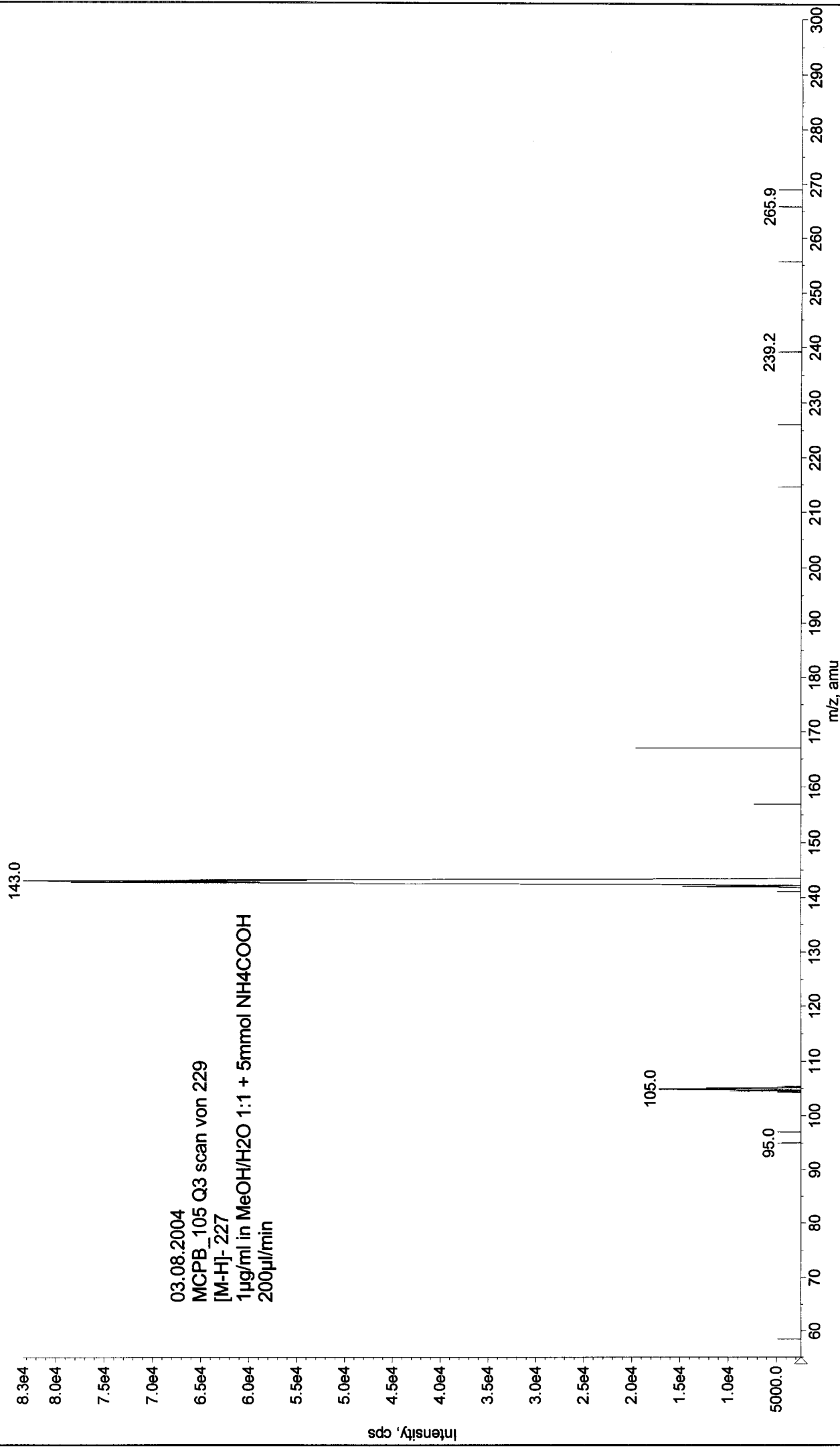
Max. 1.9e6 cps

-MS2 (227.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803140027.wiff (Turbo Spray)





■ -MS2 (229.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803141124.wiff (Turbo Spray) Max. 8.3e4 cps



03.08.2004  
MCPB\_105 Q3 scan von 229  
[M-H]<sup>-</sup> 227  
1 µg/ml in MeOH/H<sub>2</sub>O 1:1 + 5 mmol NH<sub>4</sub>COOH  
200 µl/min