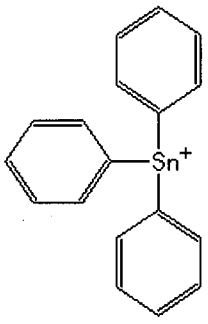
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Fentin

CAS No.: 668-34-8
Formula: C18H15Sn
Molecular mass (lowest isotopes): 351,20 amu

Structure:



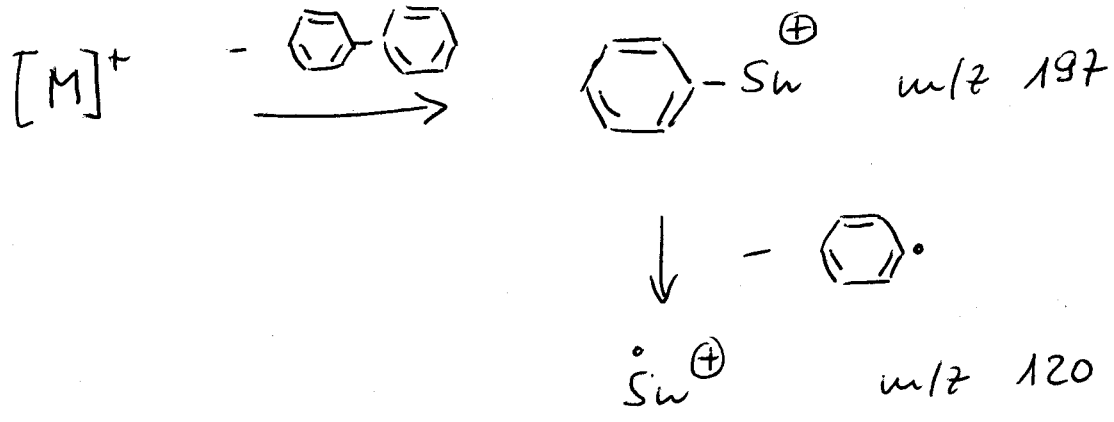
Ionisation: ESI + Quasimolecular ion: 351,0 amu = [M]+

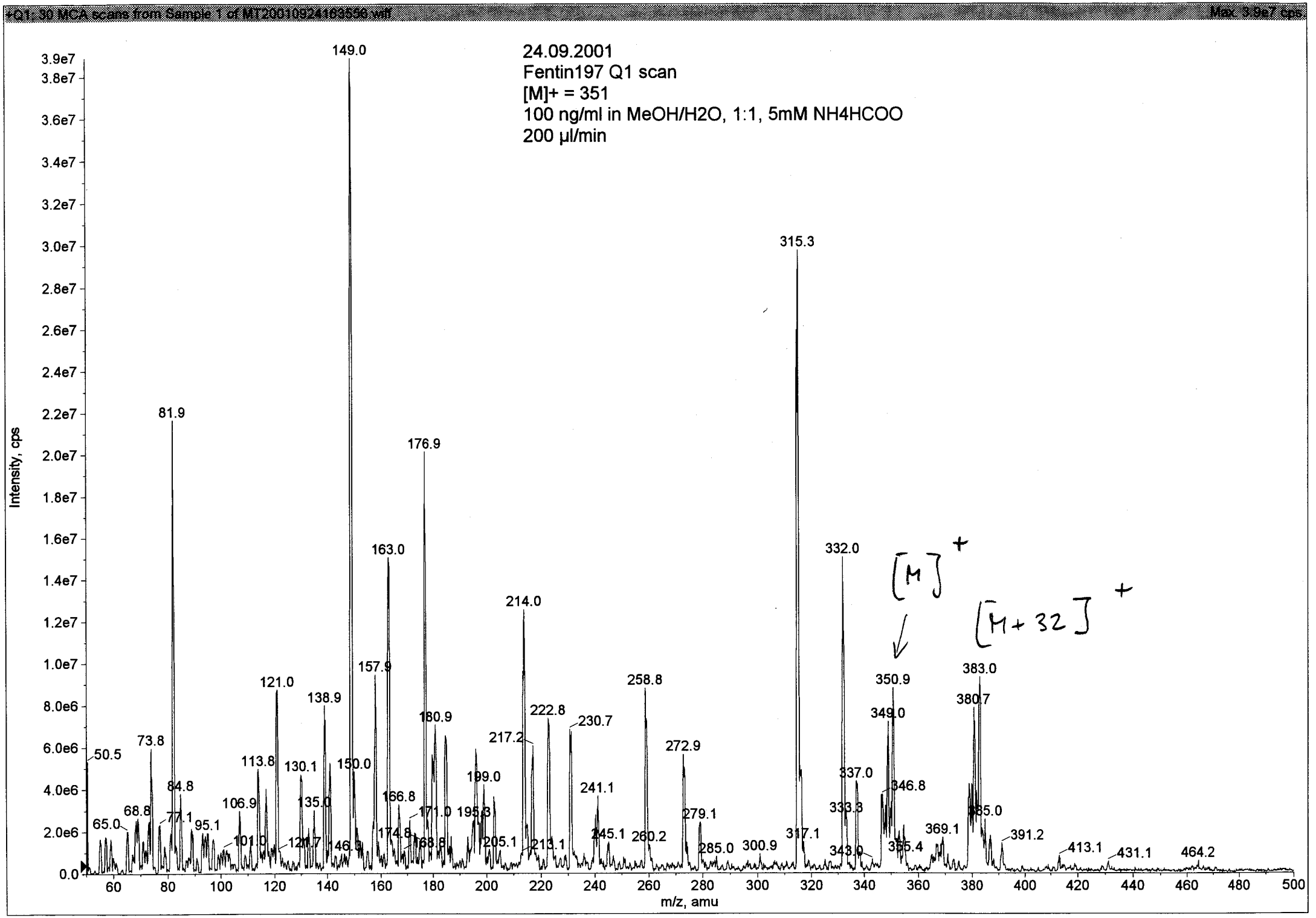
Analyte sensitive parameter set (API 2000)

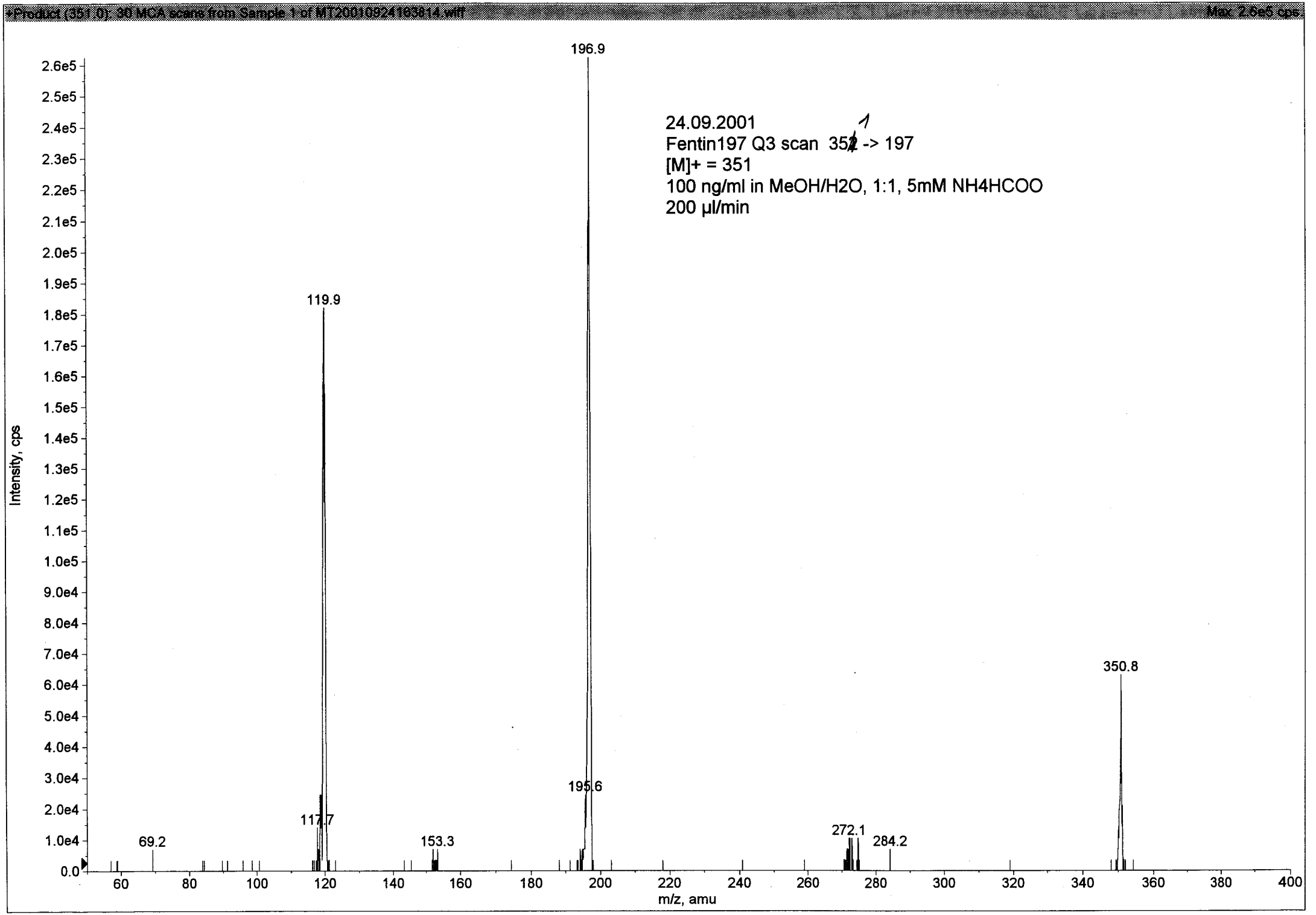
Transition	351,0 → 196,9	351,0 → 119,8
Declustering potential (DP)*)	99 V	99 V
Focusing potential (FP)	320 V	310 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	22 V	26 V
Collision energy (CE)	39 V	41 V
Collision cell exit potential (CXP)	10 V	16 V

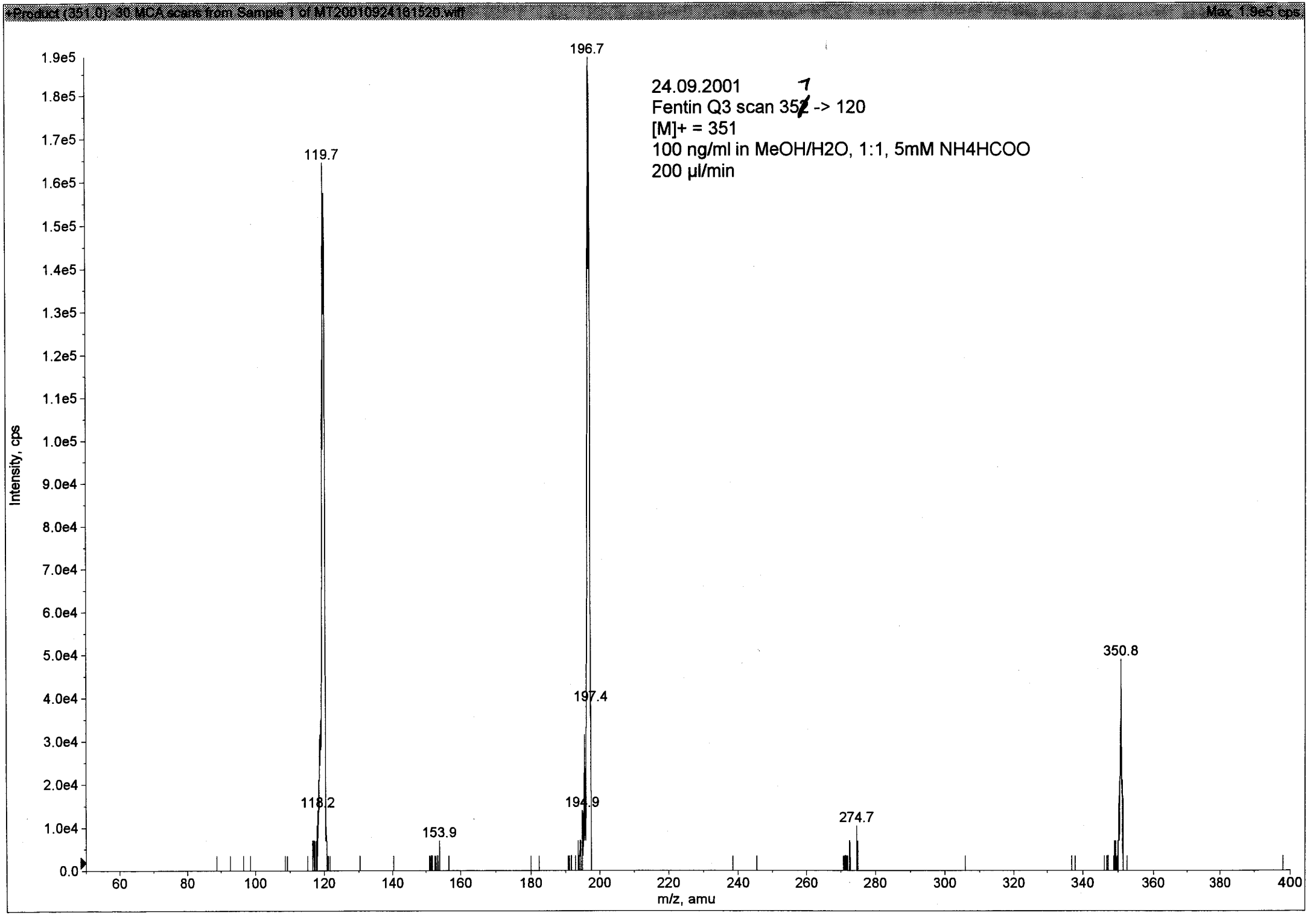
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation




+Q1, 30 MCA scans from Sample 1 of MT20010924163556.wiff
Max. 3.9e7 cps.
24.09.2001
Fentin197 Q1 scan
[M]+ = 351
100 ng/ml in MeOH/H2O, 1:1, 5mM NH4HCOO
200 µl/min
[M]+
[M+32]+
Intensity, cps
m/z, amu
149.0
315.3
81.9
176.9
163.0
332.0
214.0
121.0
157.9
138.9
258.8
222.8
230.7
180.9
217.2
272.9
383.0
350.9
380.7
349.0
241.1
337.0
346.8
199.0
113.8
130.1
150.0
73.8
84.8
106.9
135.0
166.8
171.0
279.1
333.3
369.1
391.2
413.1
431.1
464.2
50.5
68.8
77.1
95.1
65.0
101.0
121.7
146.8
174.8
168.8
205.1
213.1
245.1
260.2
285.0
300.9
317.1
343.0
355.4
385.0


+Product (351.0): 30 MCA scans from Sample 1 of MT20010924163814.wiff
Max. 2.6e5 cps.
196.9
119.9
195.6
117.7
69.2
153.3
272.1
284.2
350.8
24.09.2001
Fentin197 Q3 scan 352 -> 197
[M]+ = 351
100 ng/ml in MeOH/H2O, 1:1, 5mM NH4HCOO
200 µl/min
Intensity, cps
m/z, amu


+Product (351.0): 30 MCA scans from Sample 1 of MT20010924161520.wiff
Max. 1.9e5 cps.
24.09.2001
Fentin Q3 scan 35? -> 120
[M]+ = 351
100 ng/ml in MeOH/H2O, 1:1, 5mM NH4HCOO
200 µl/min
196.7
119.7
197.4
350.8
118.2
194.9
153.9
274.7
Intensity, cps
m/z, amu