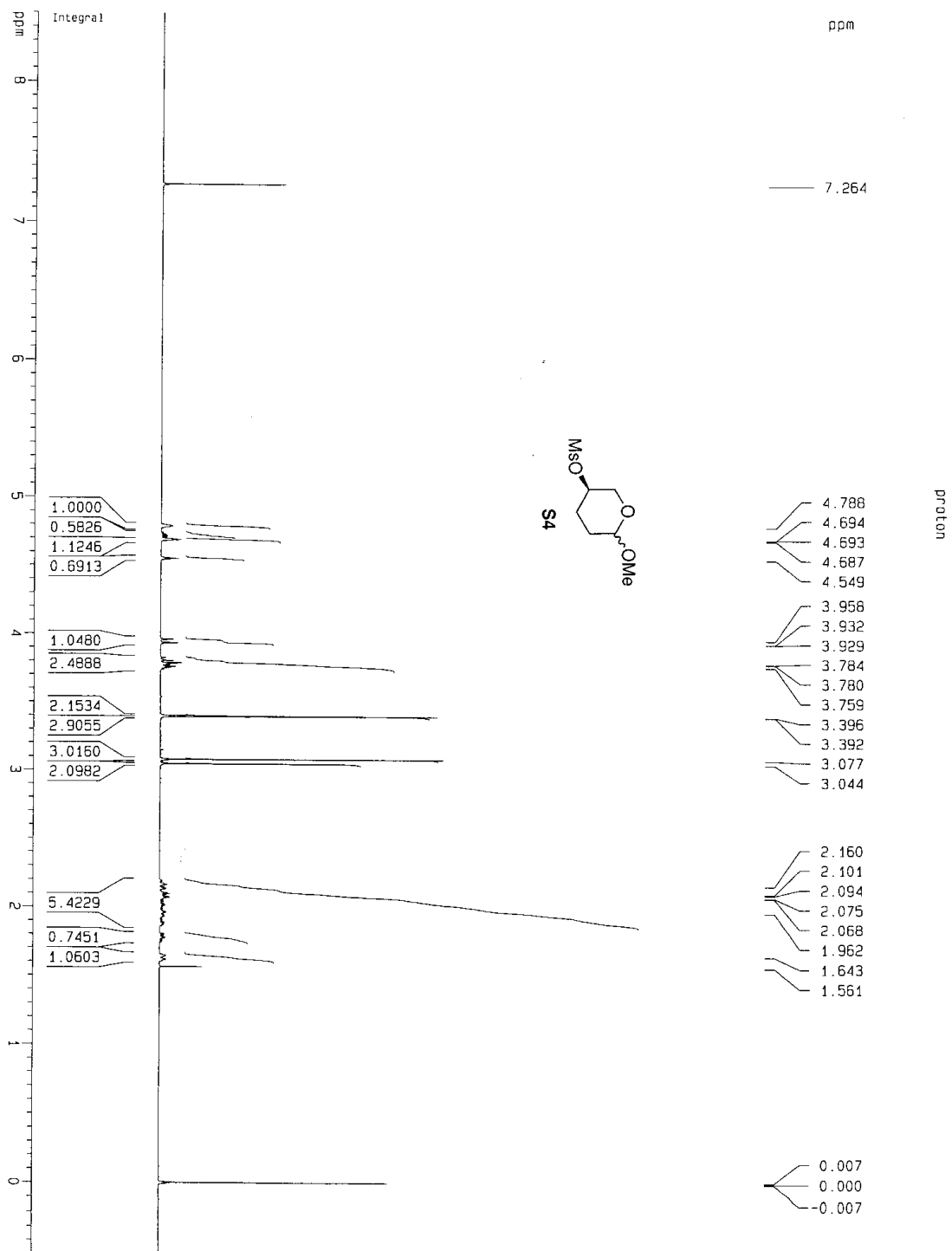
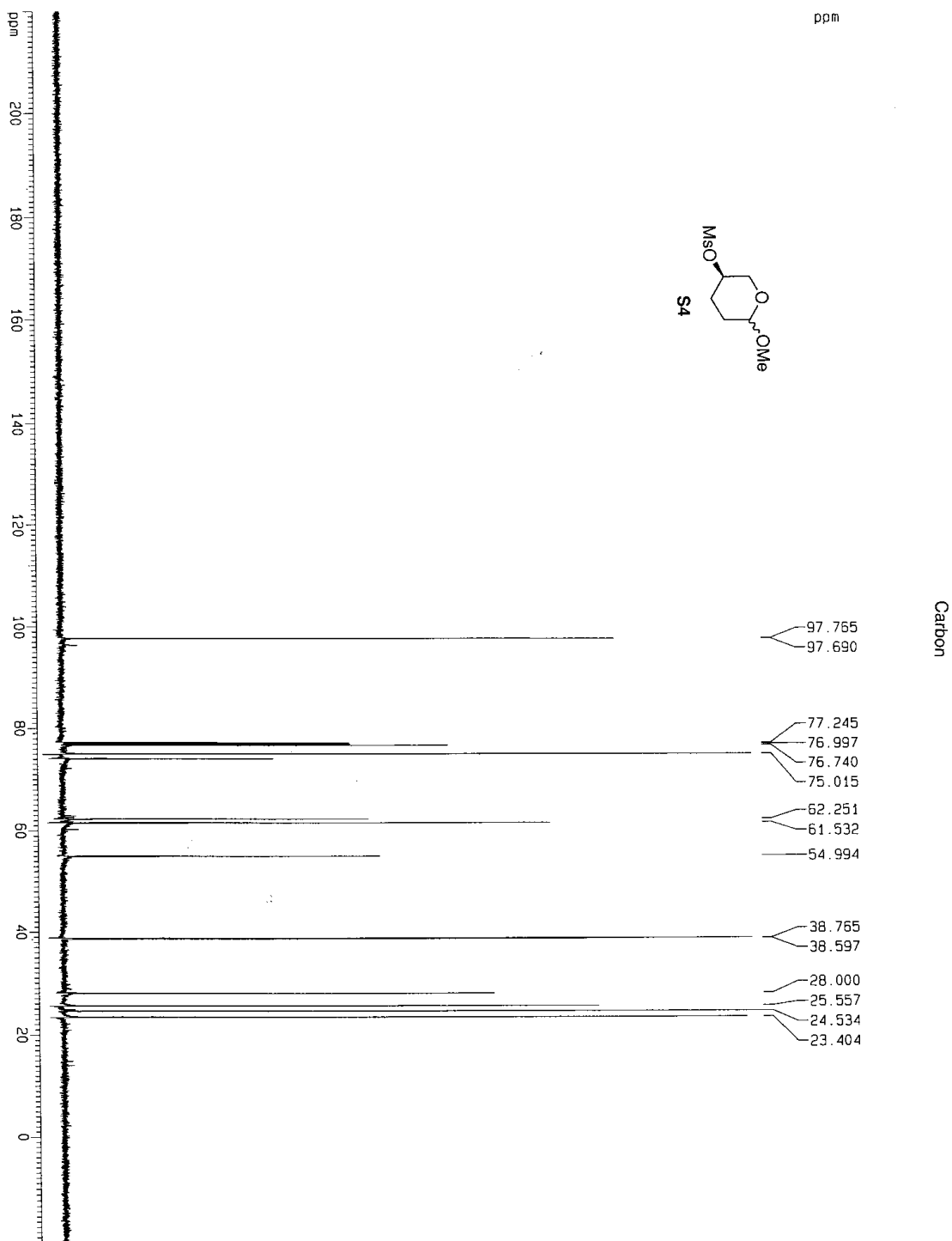
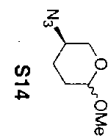
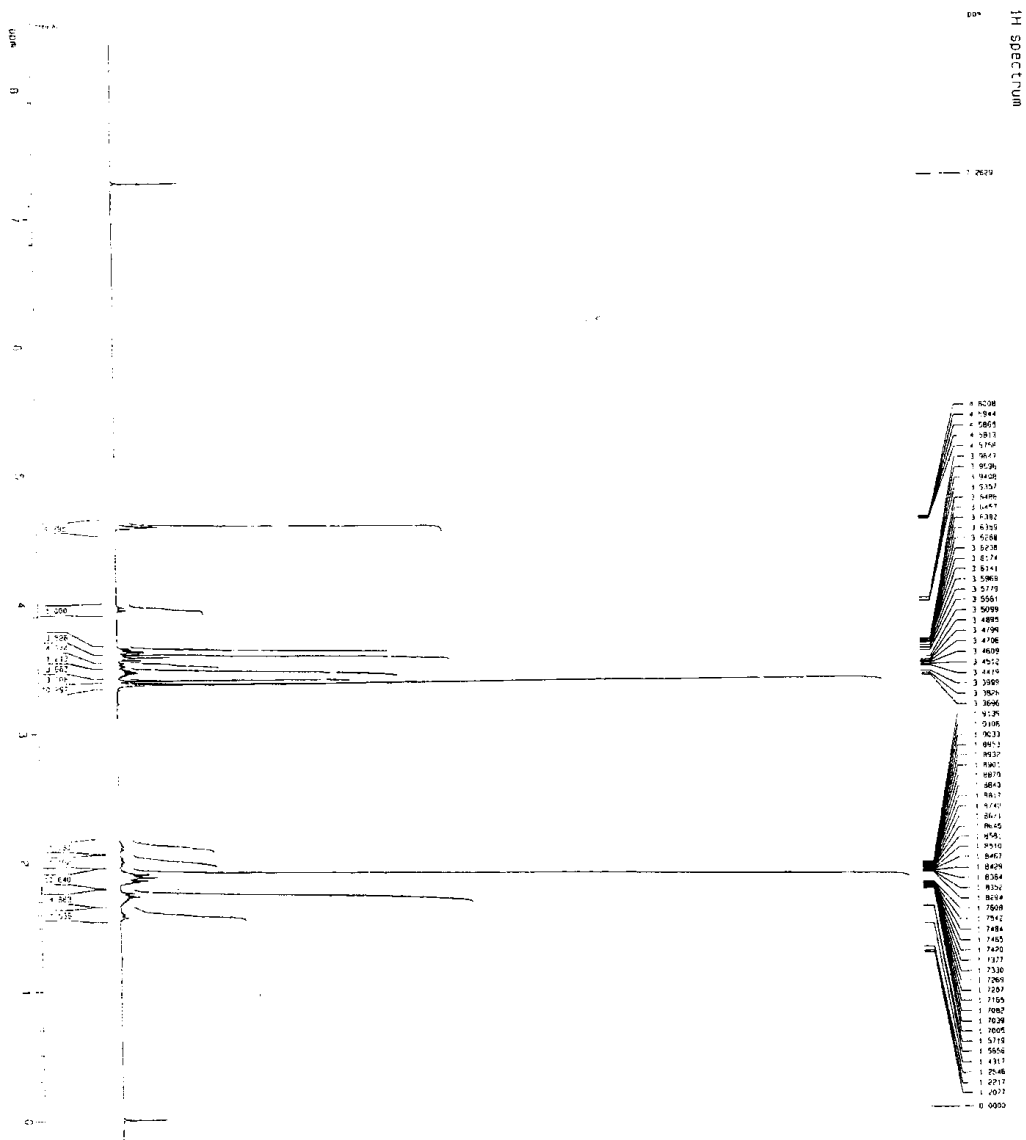
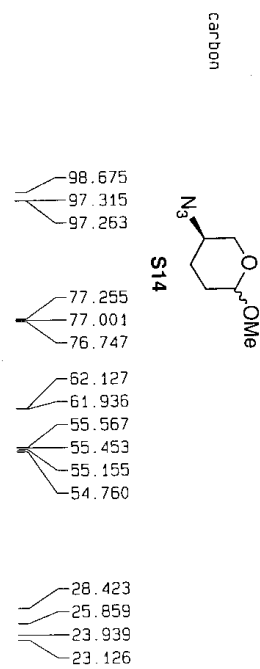
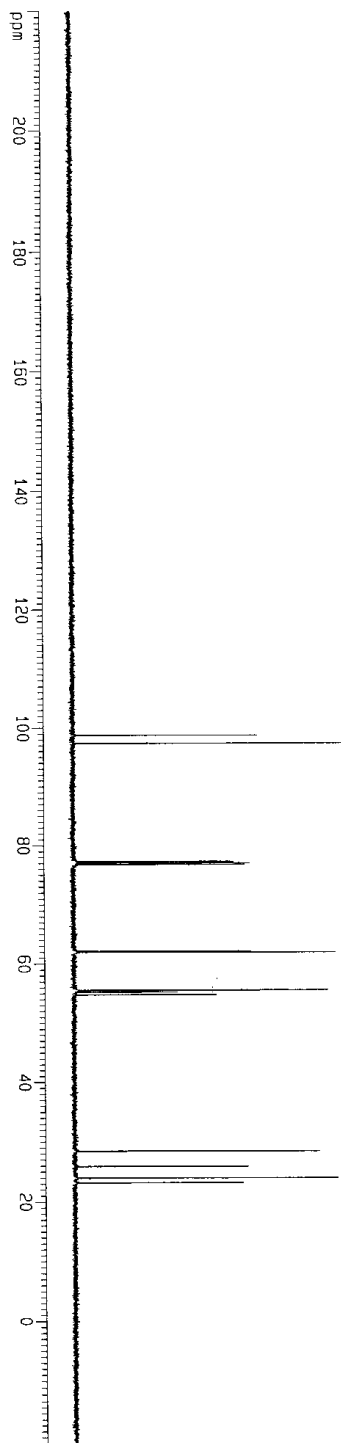


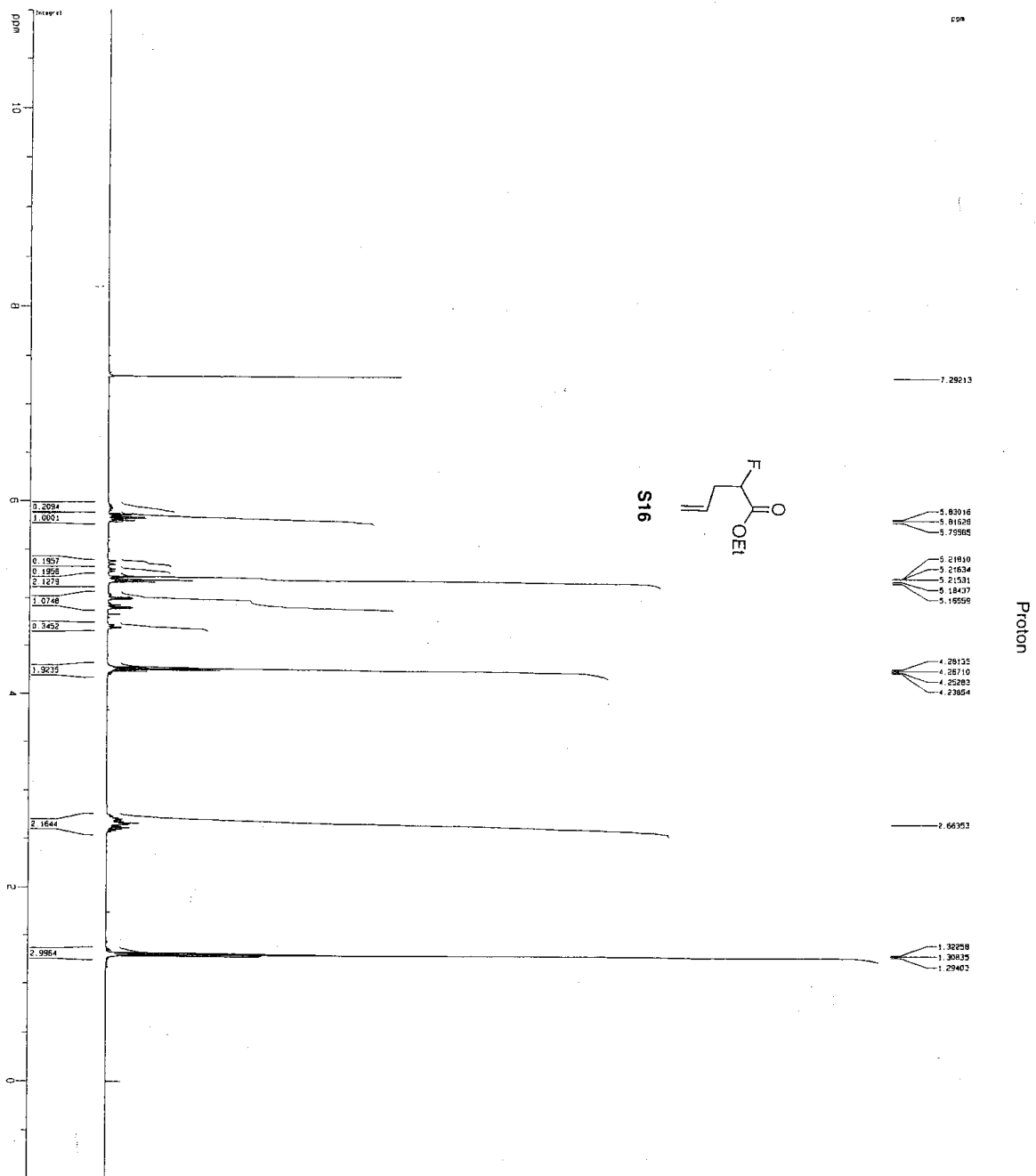
VIII. GC Analysis of Isomer Ratios and ¹H NMR Spectra of Selected Compounds

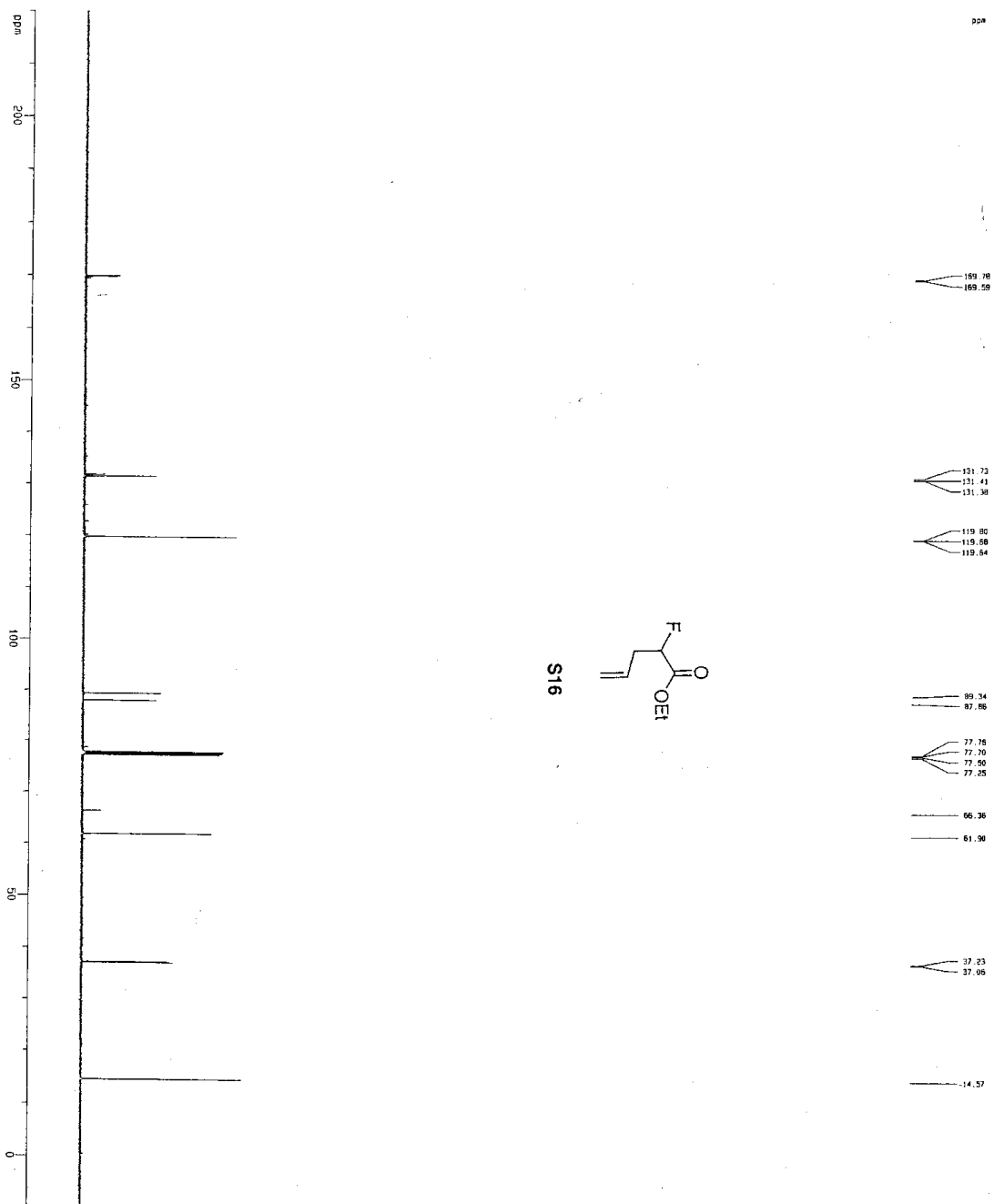


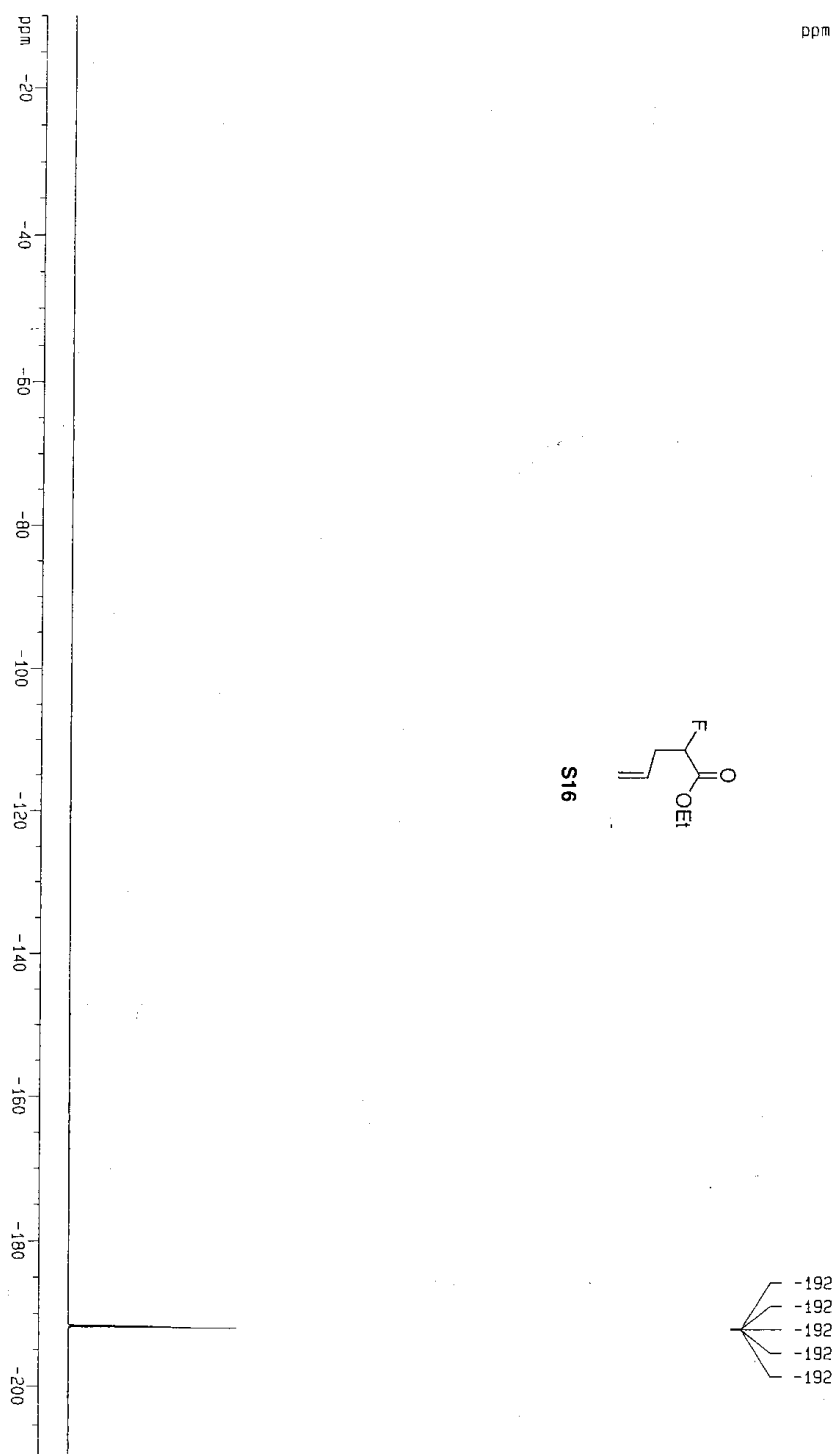


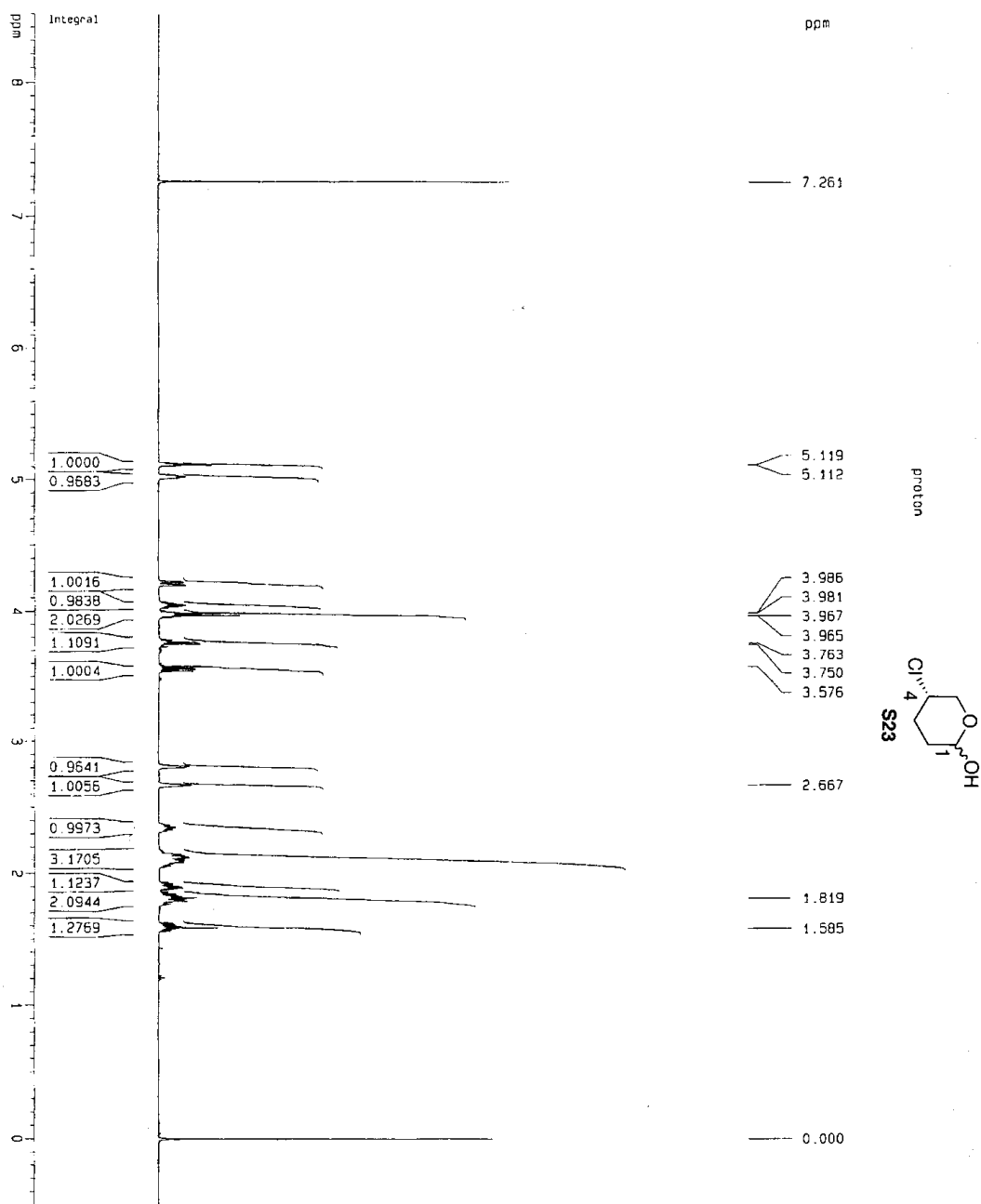


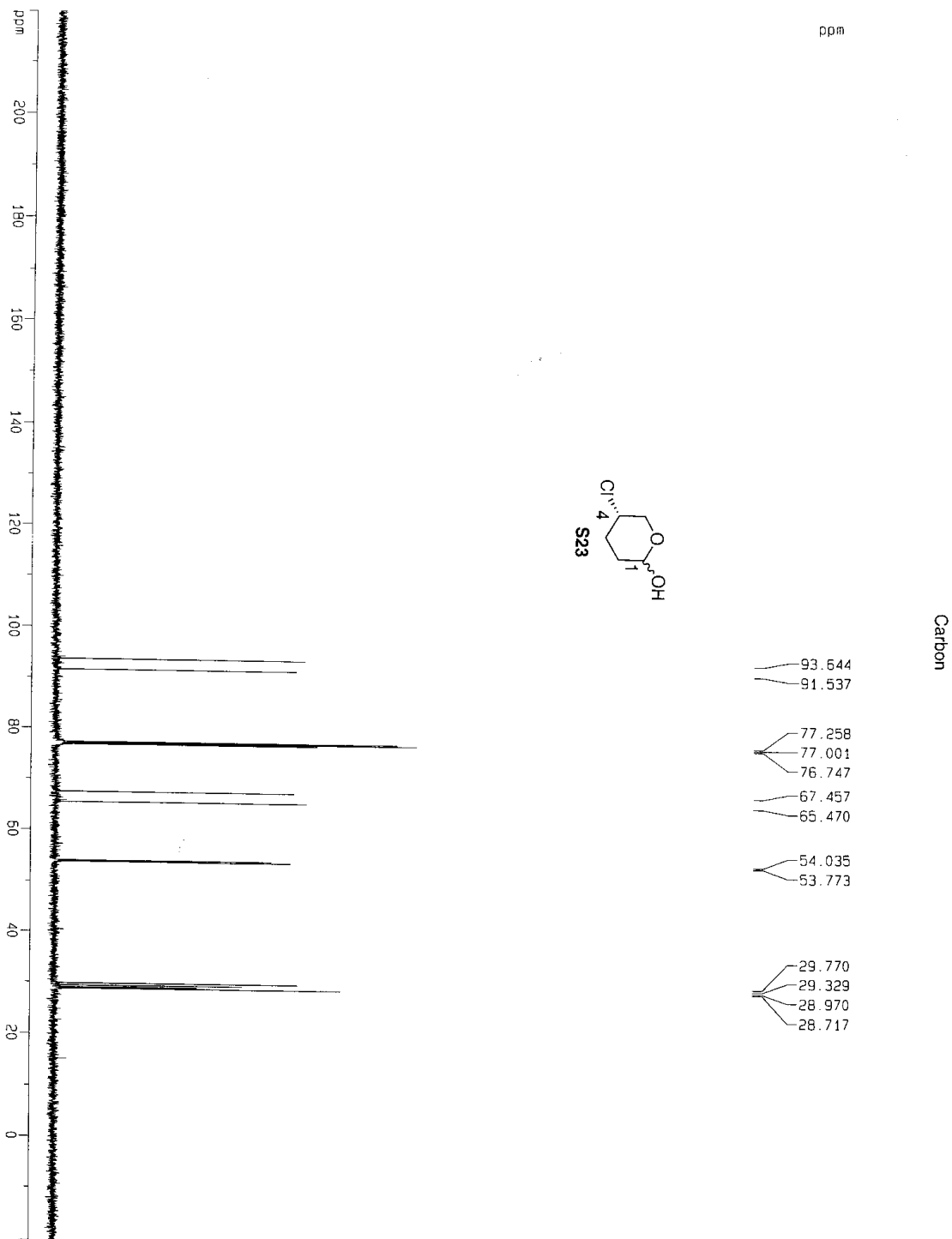


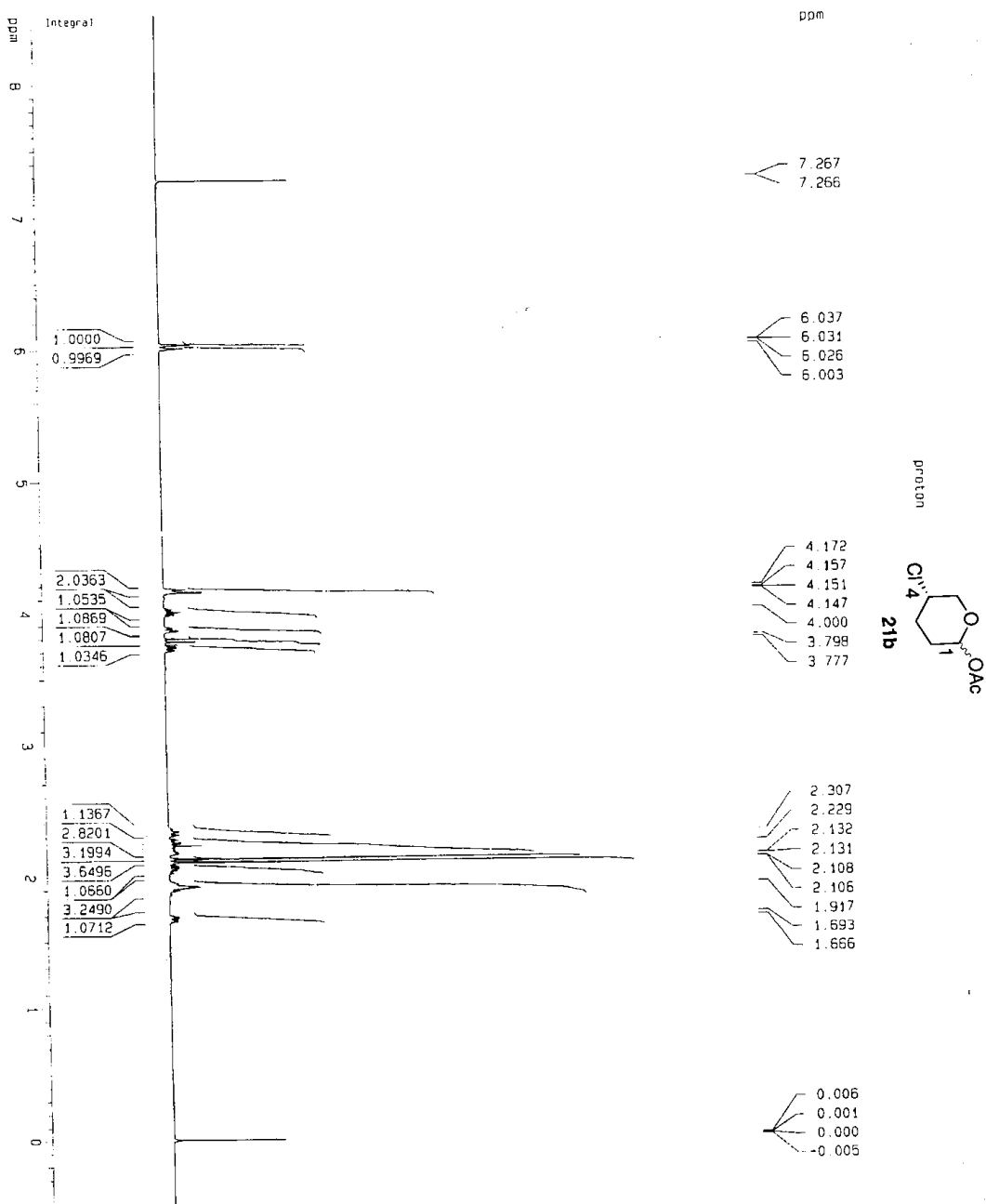


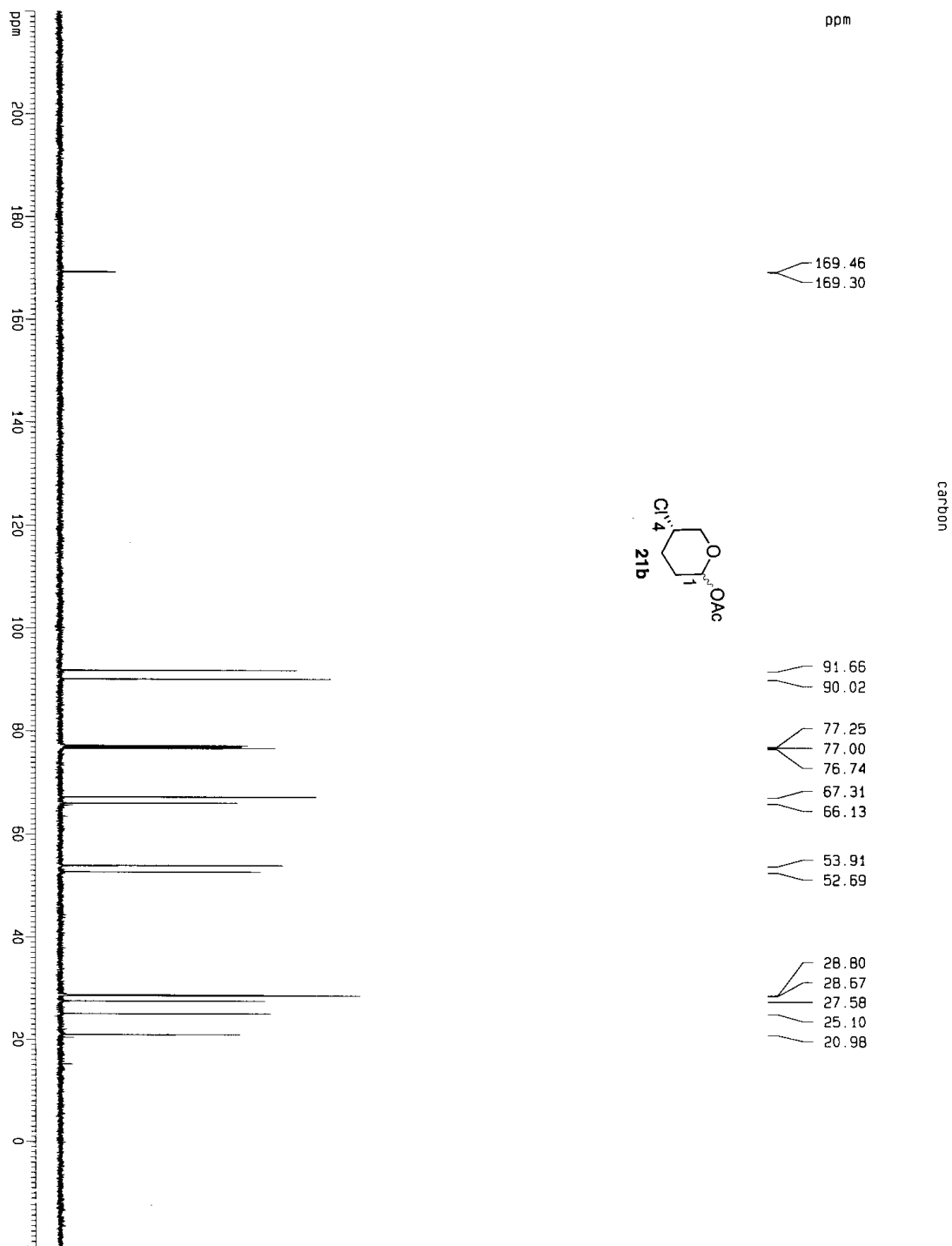


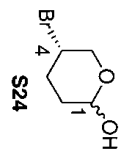
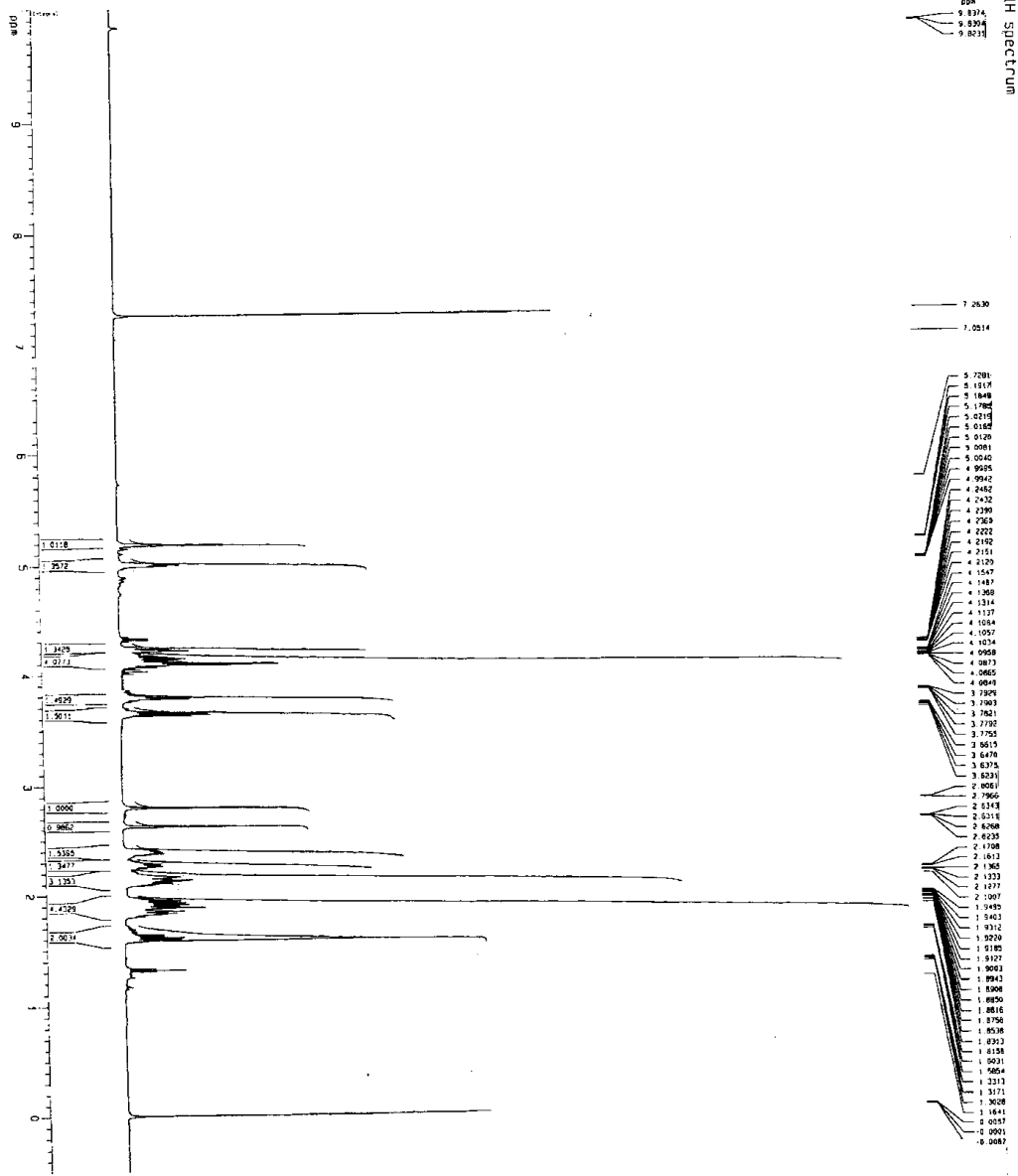


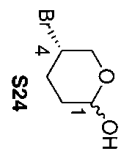
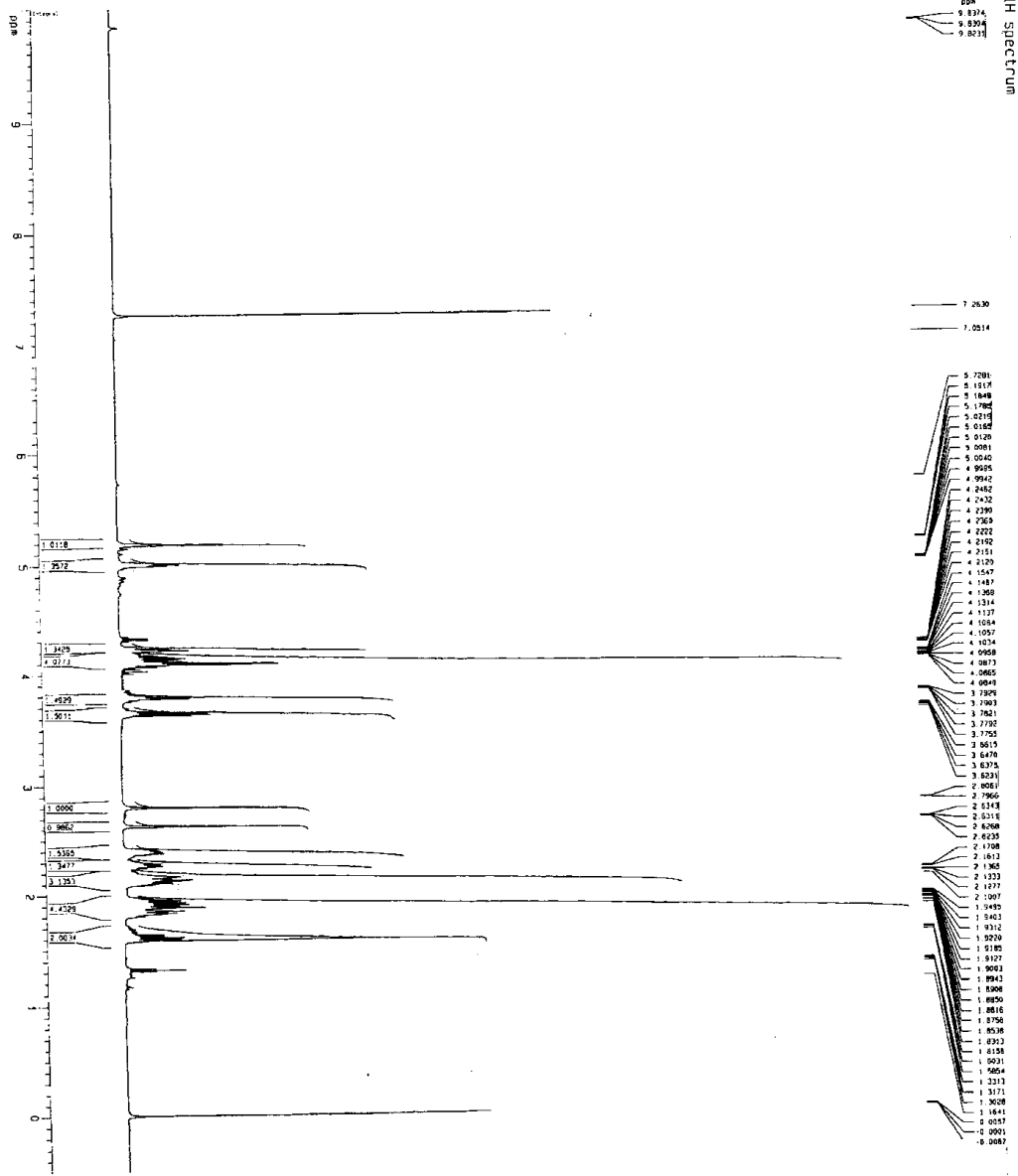


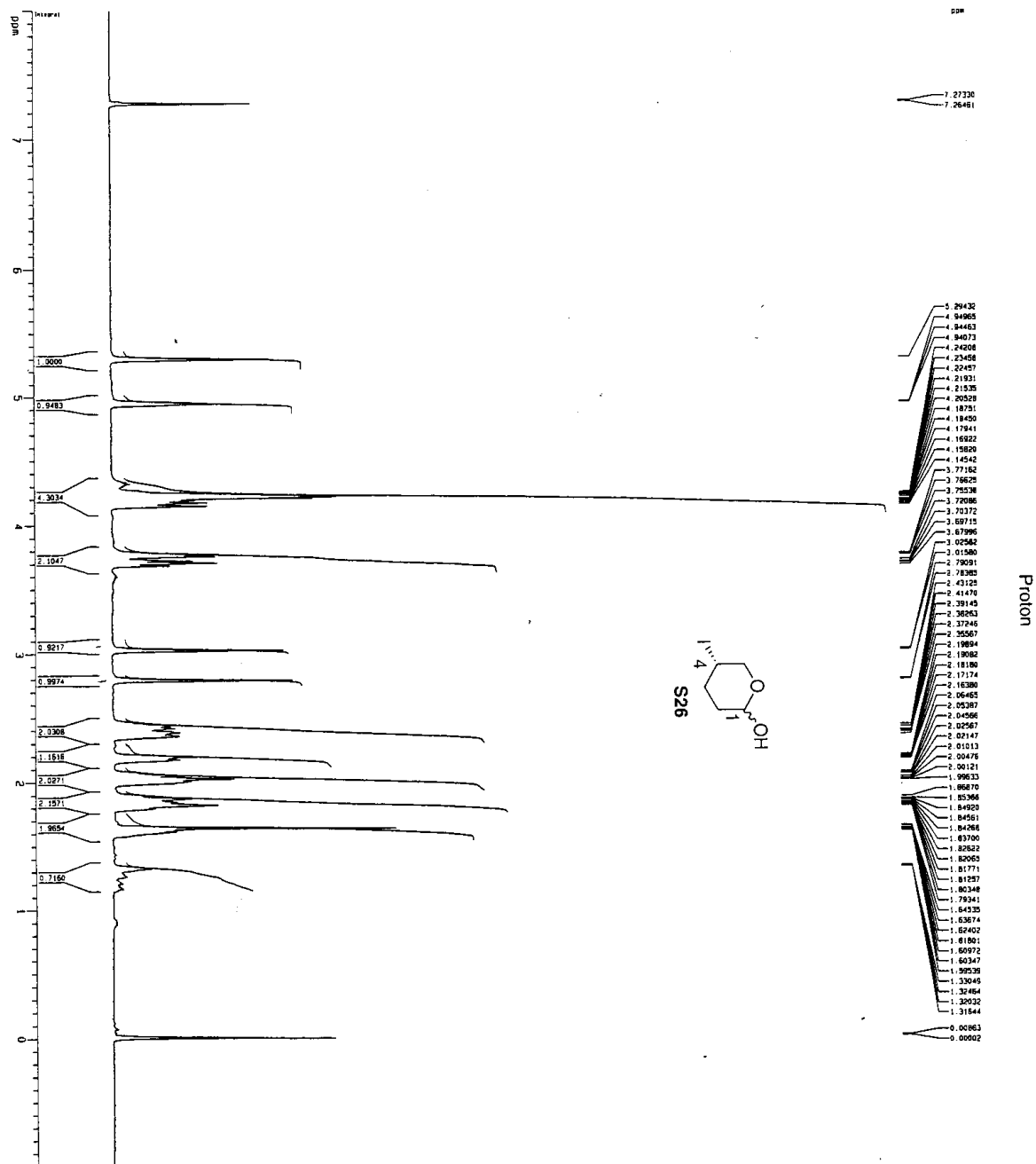


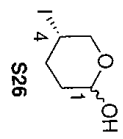
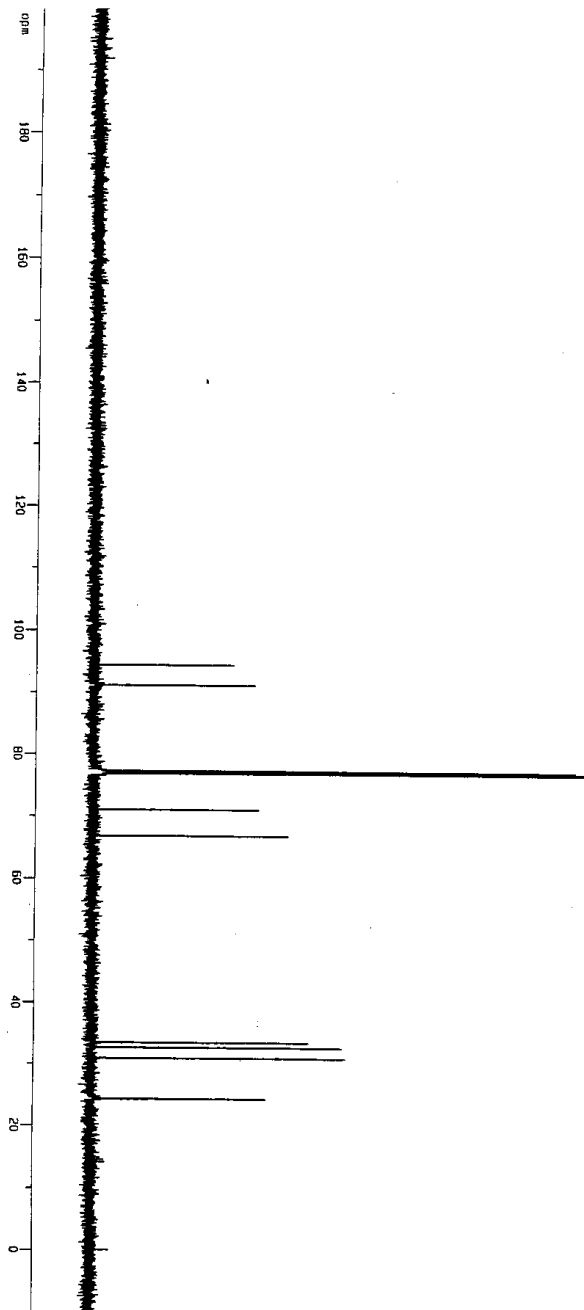




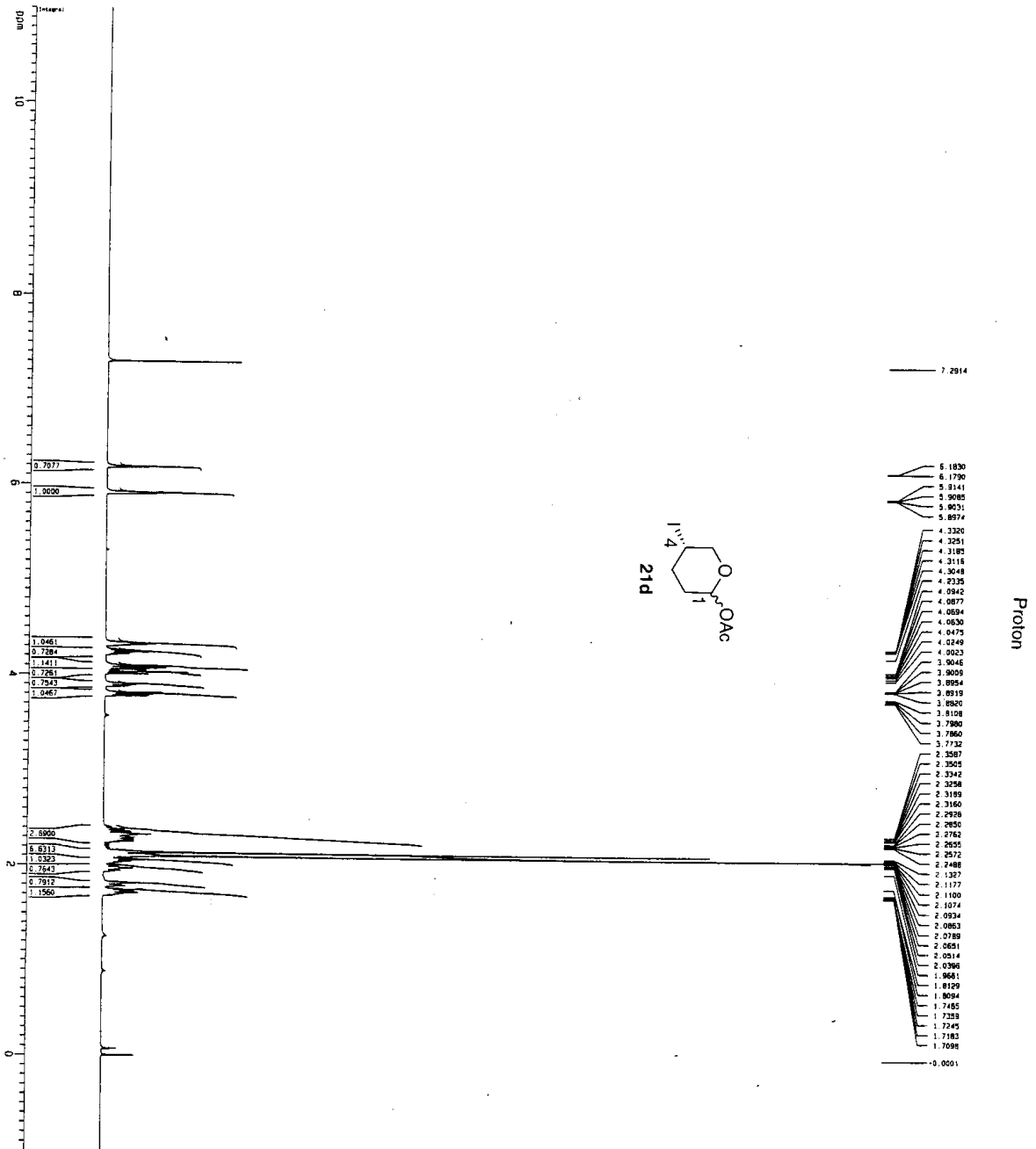


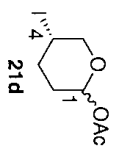
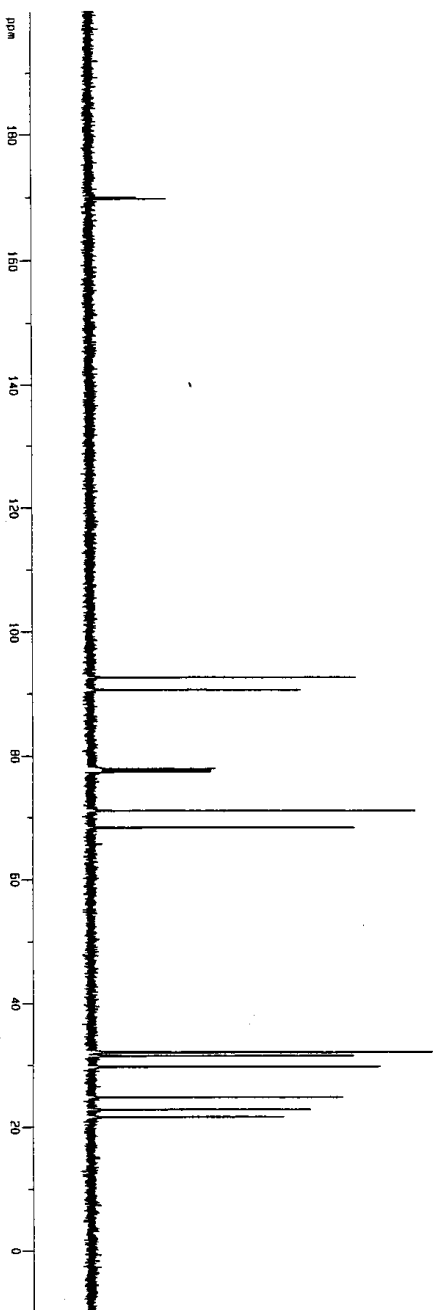


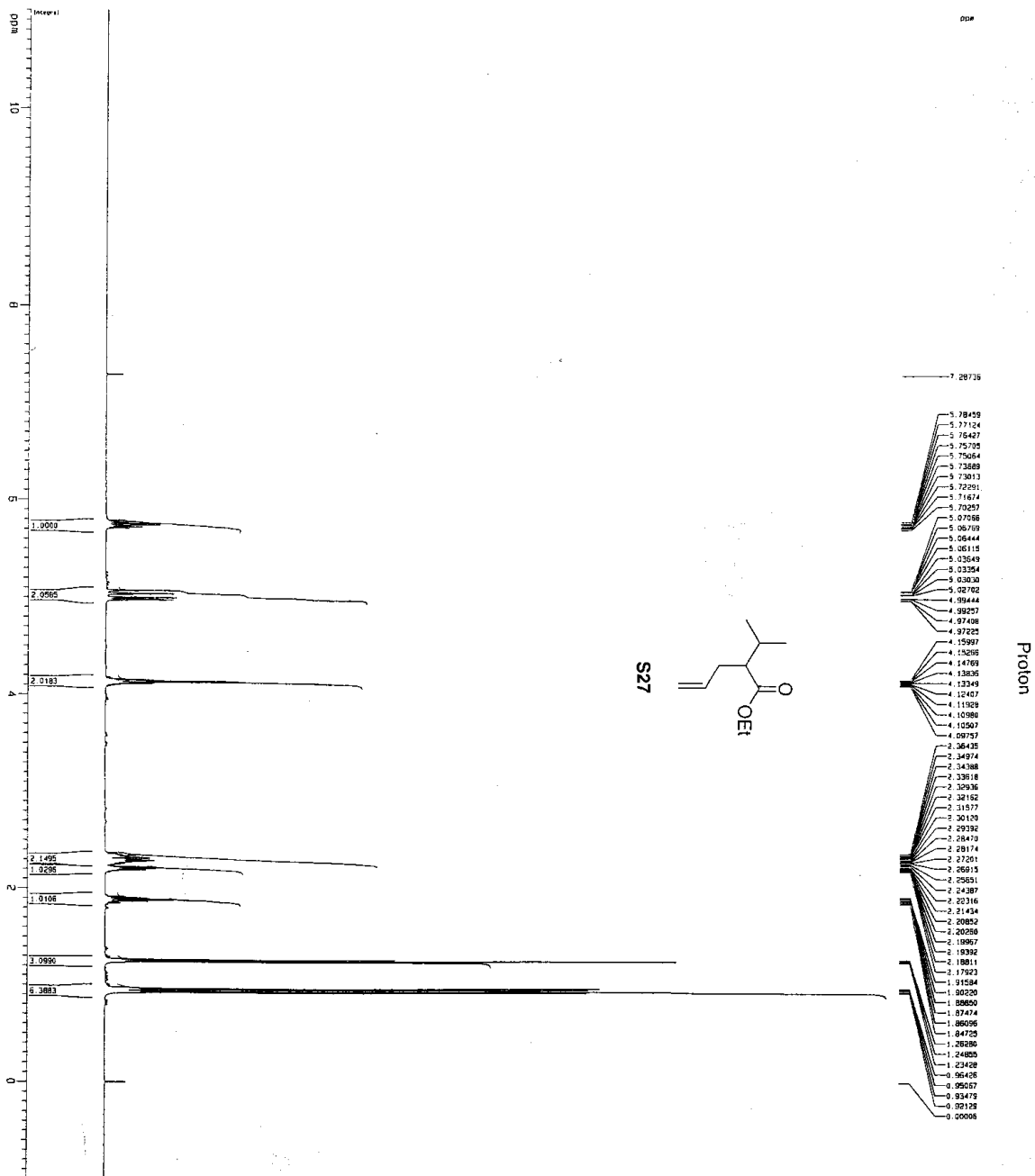


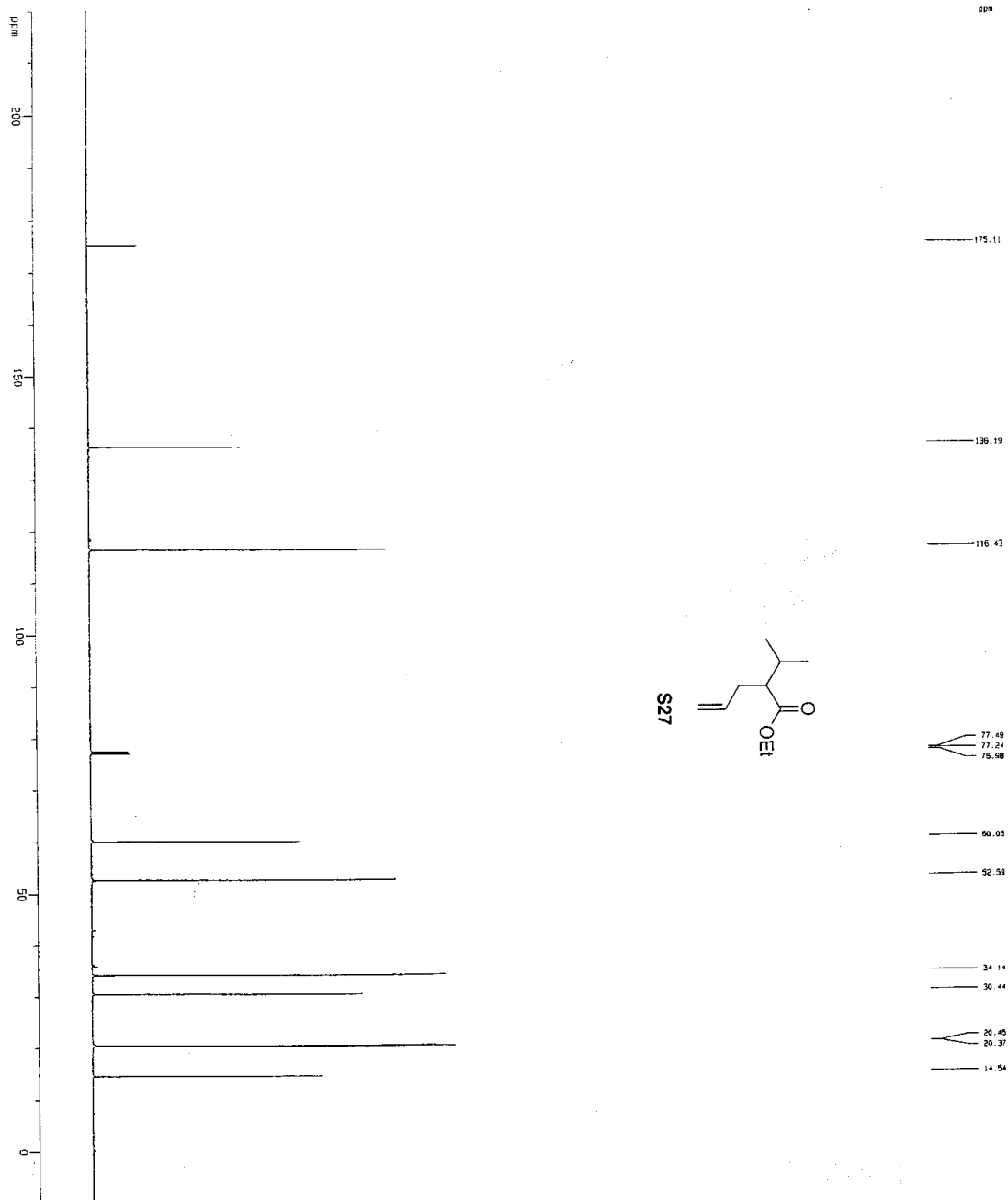


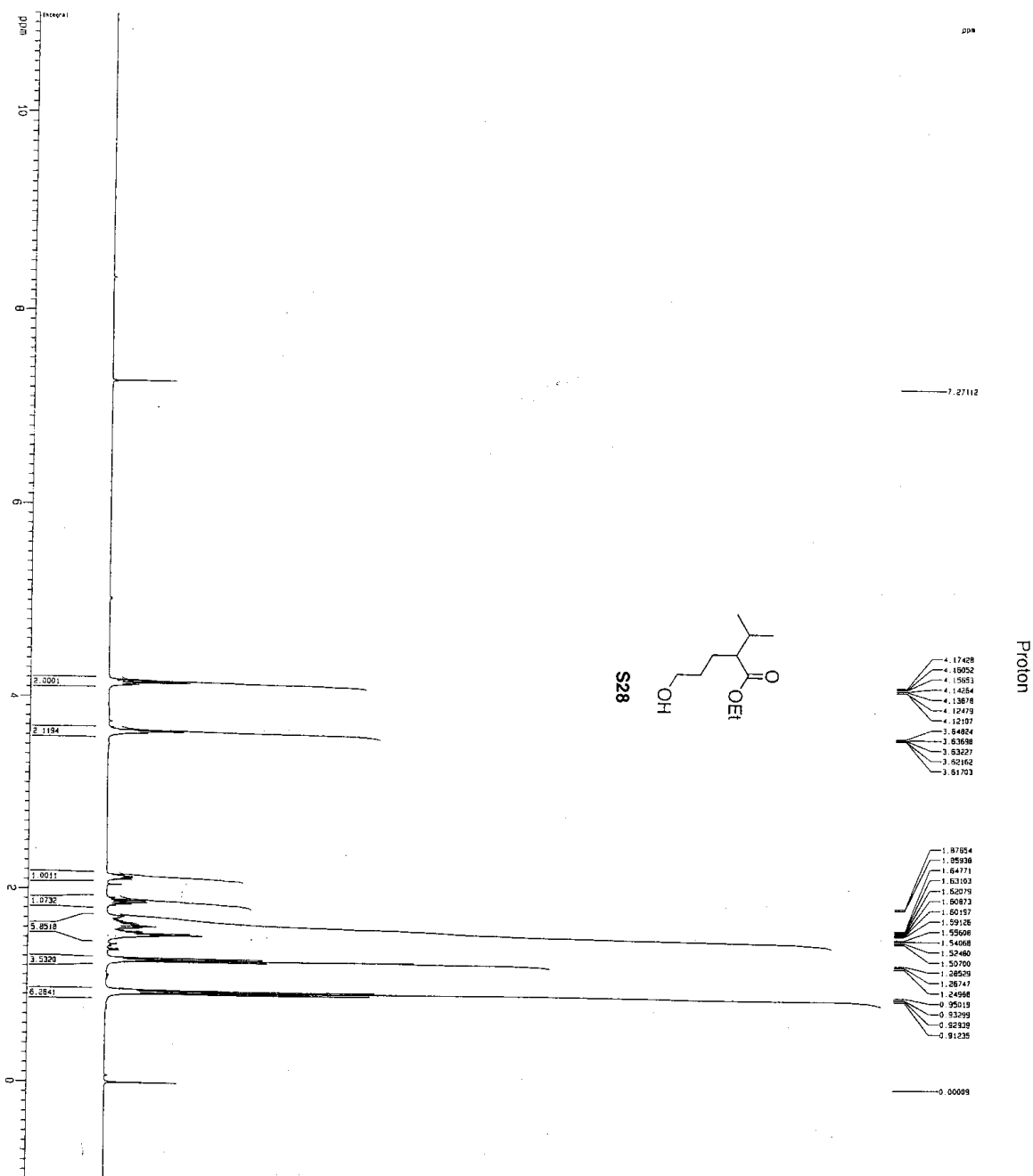
- Carbon
- 94.3698
 - 91.1169
 - 77.2833
 - 77.0292
 - 76.7752
 - 70.9946
 - 66.7510
 - 33.4464
 - 32.6401
 - 30.9234
 - 24.3493
 - 24.2734

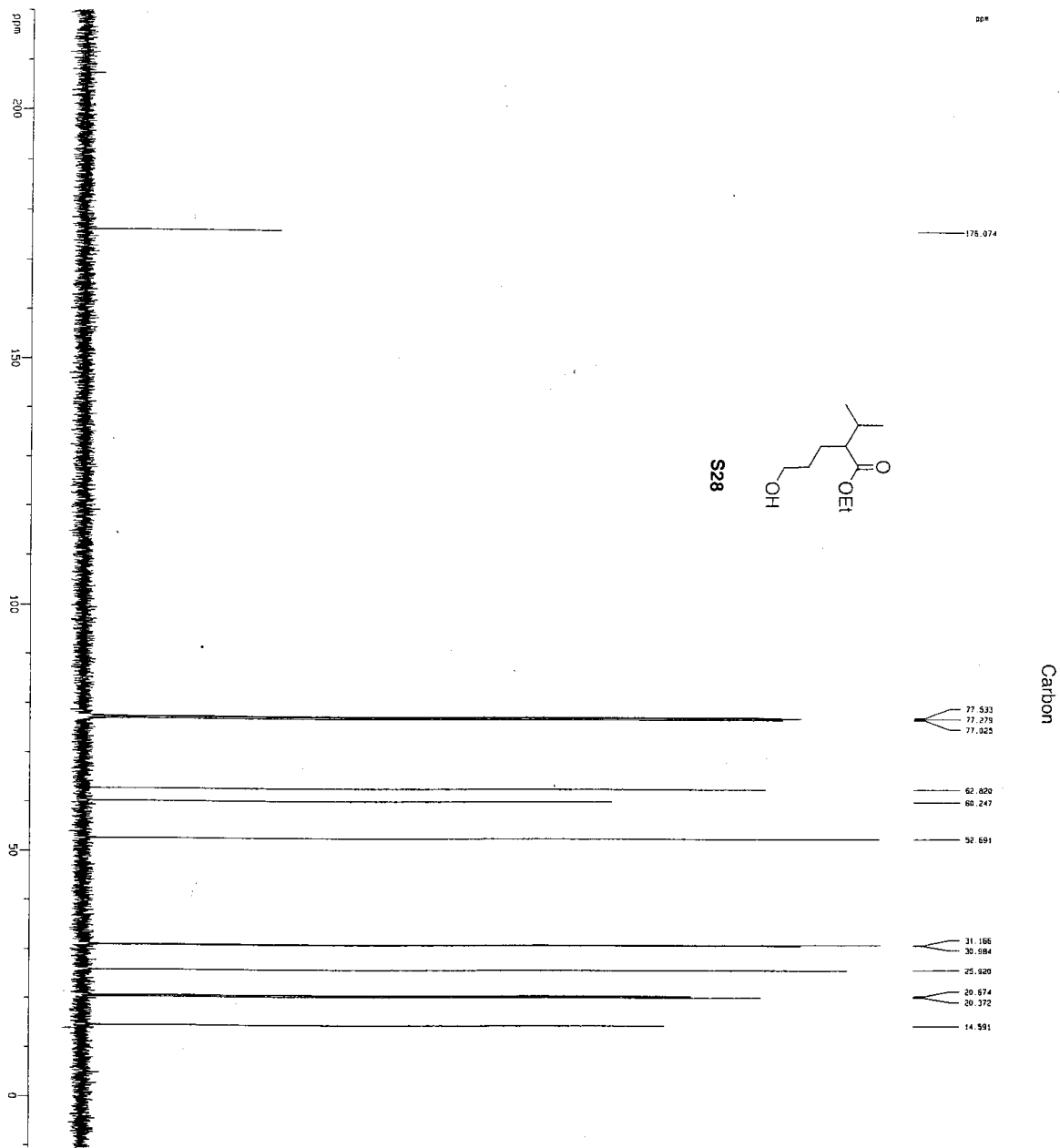


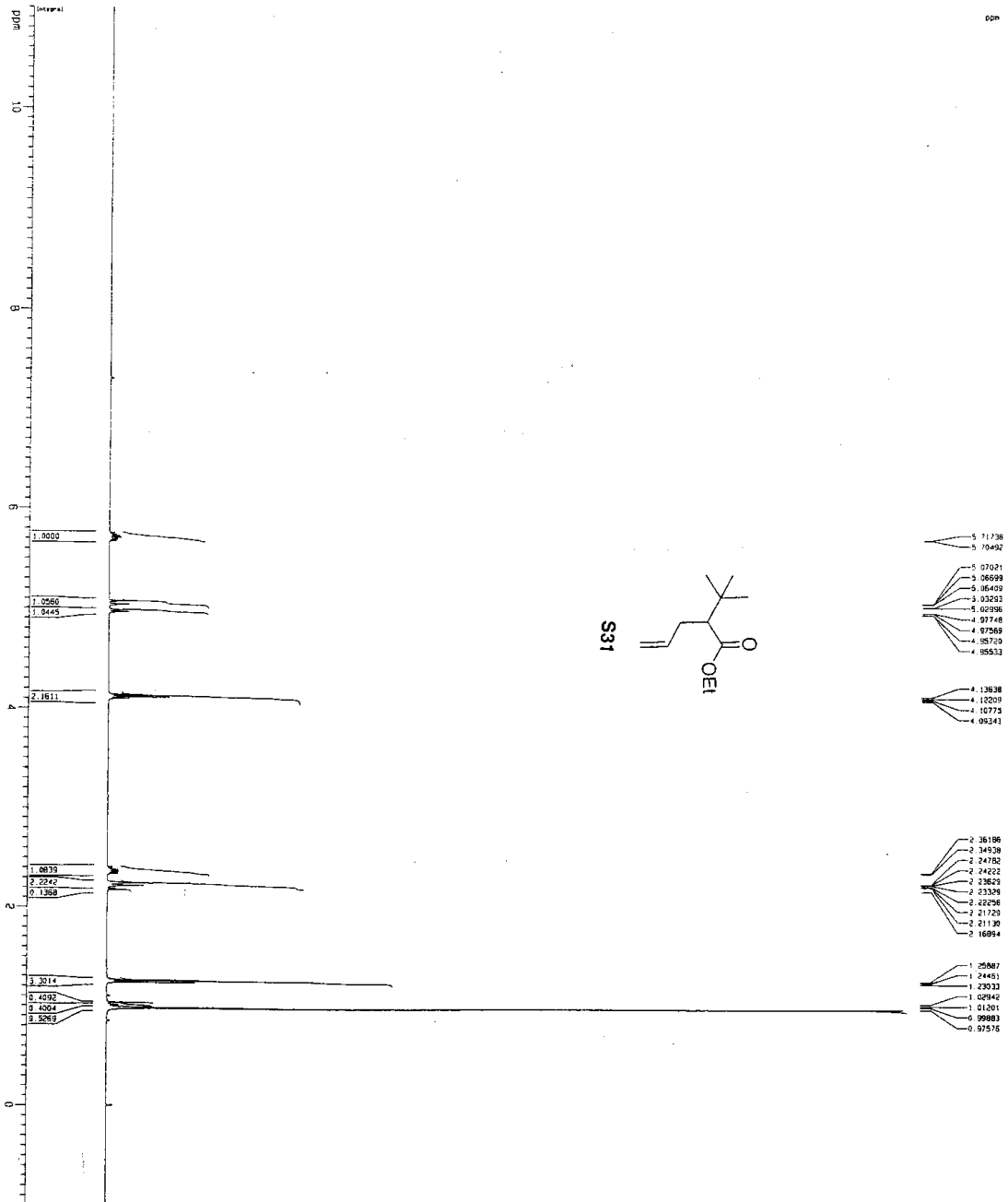


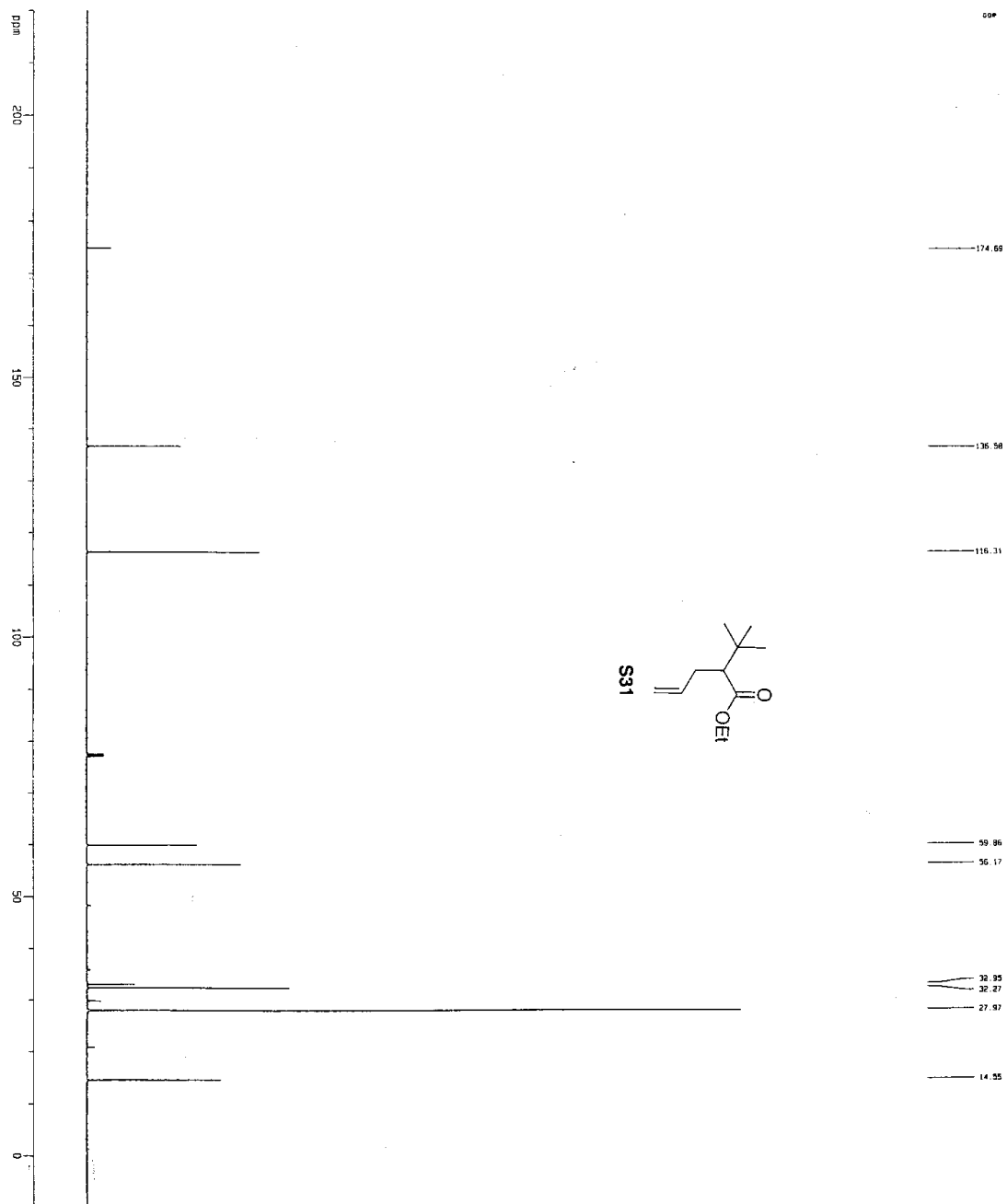




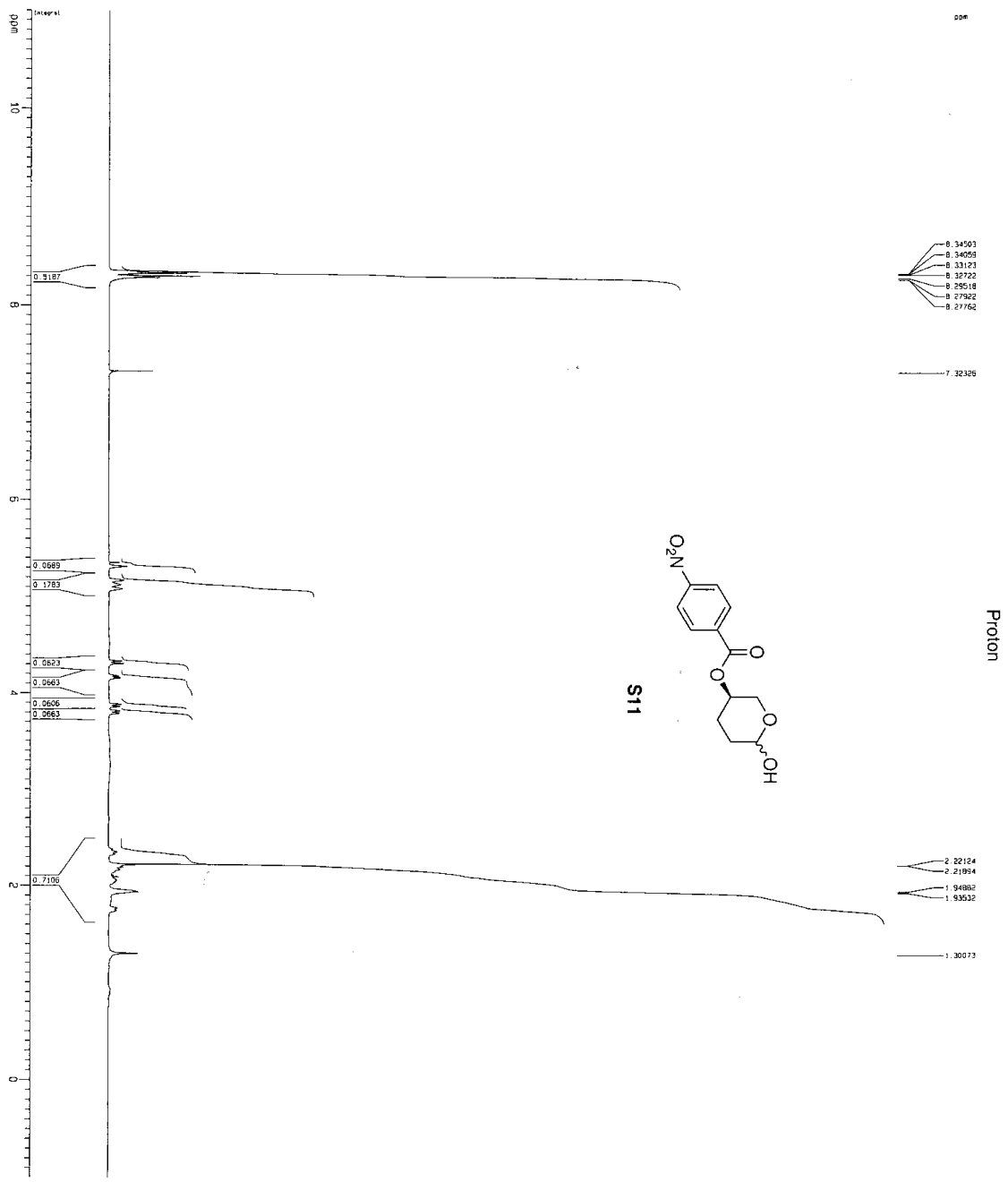


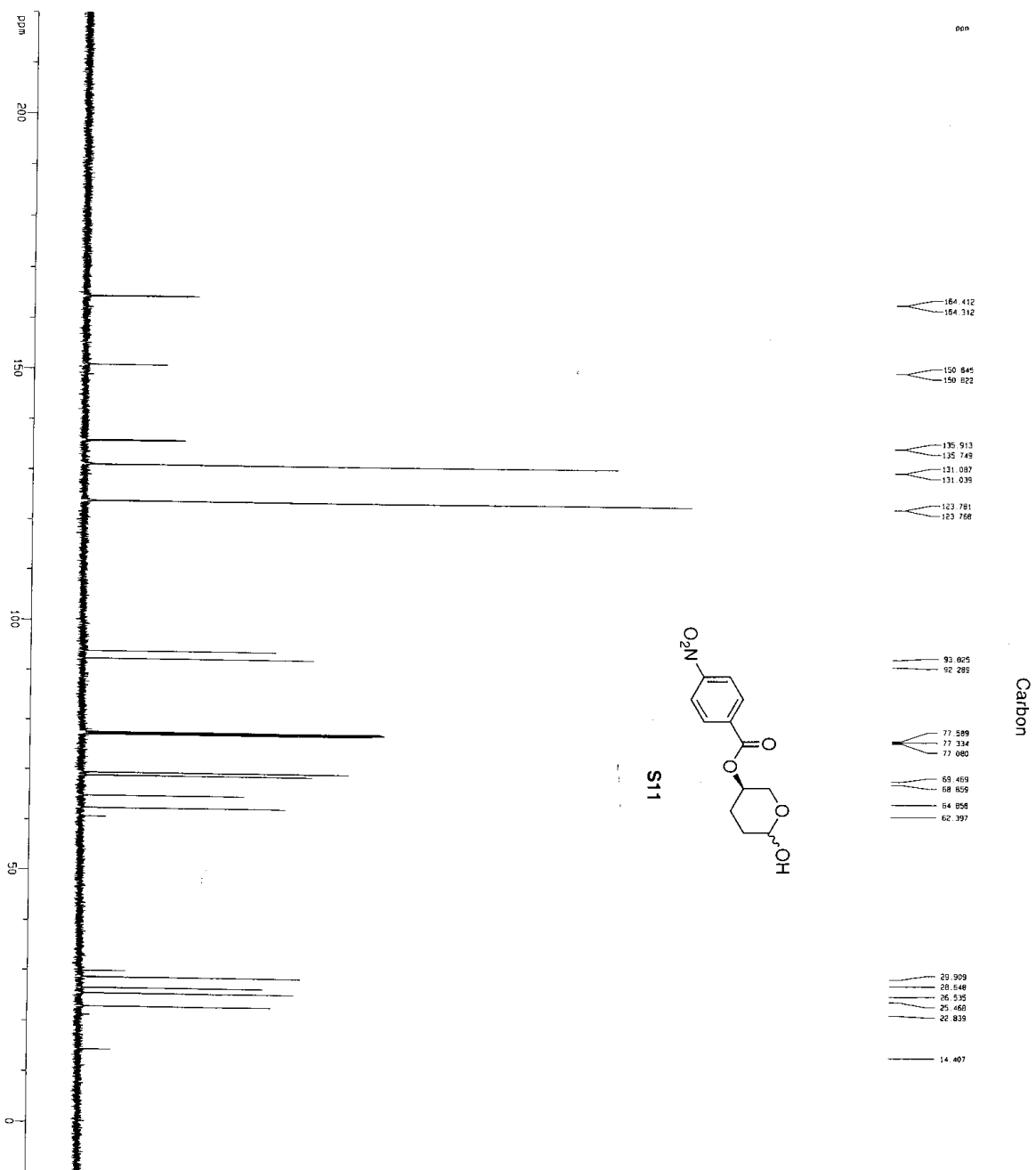


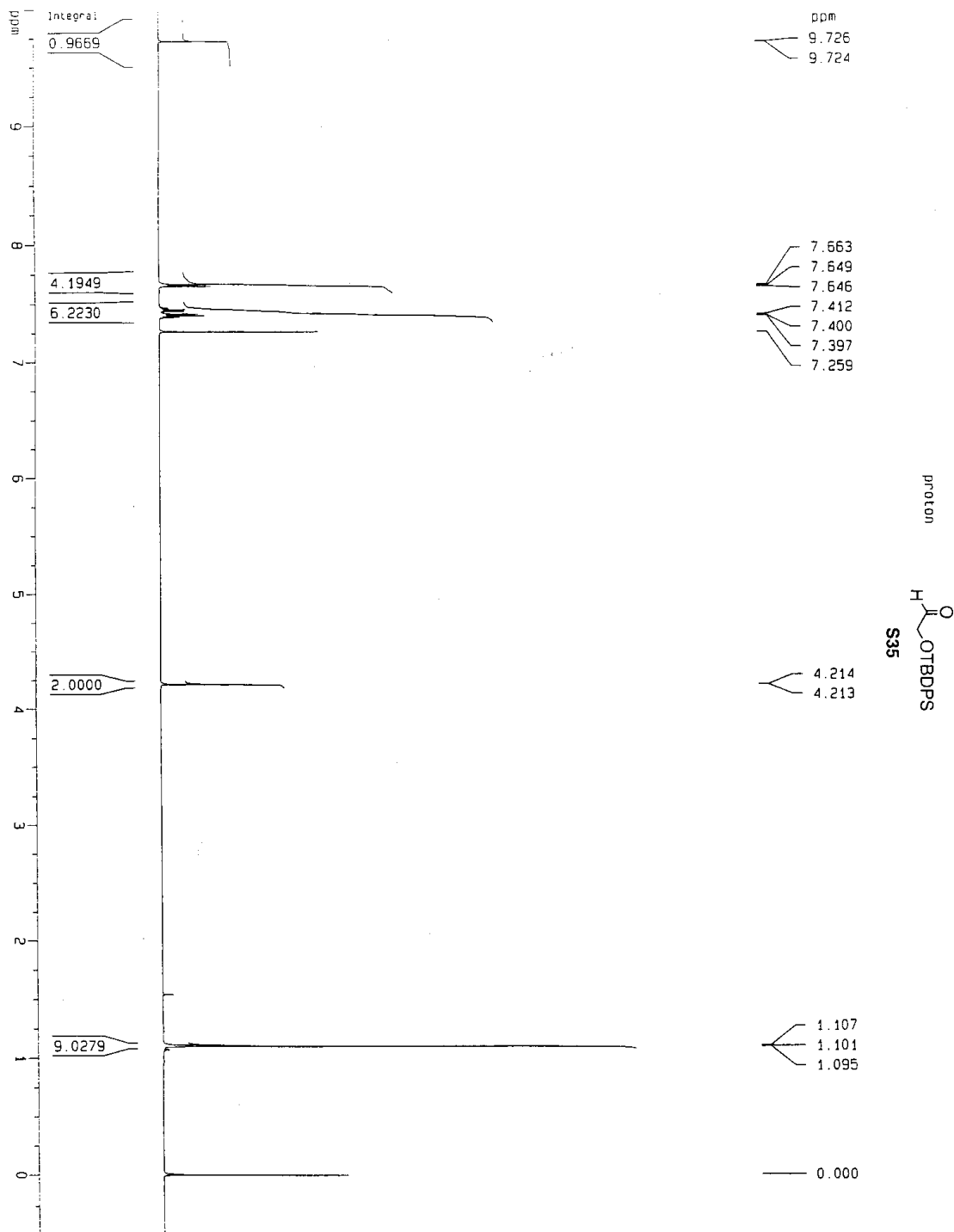


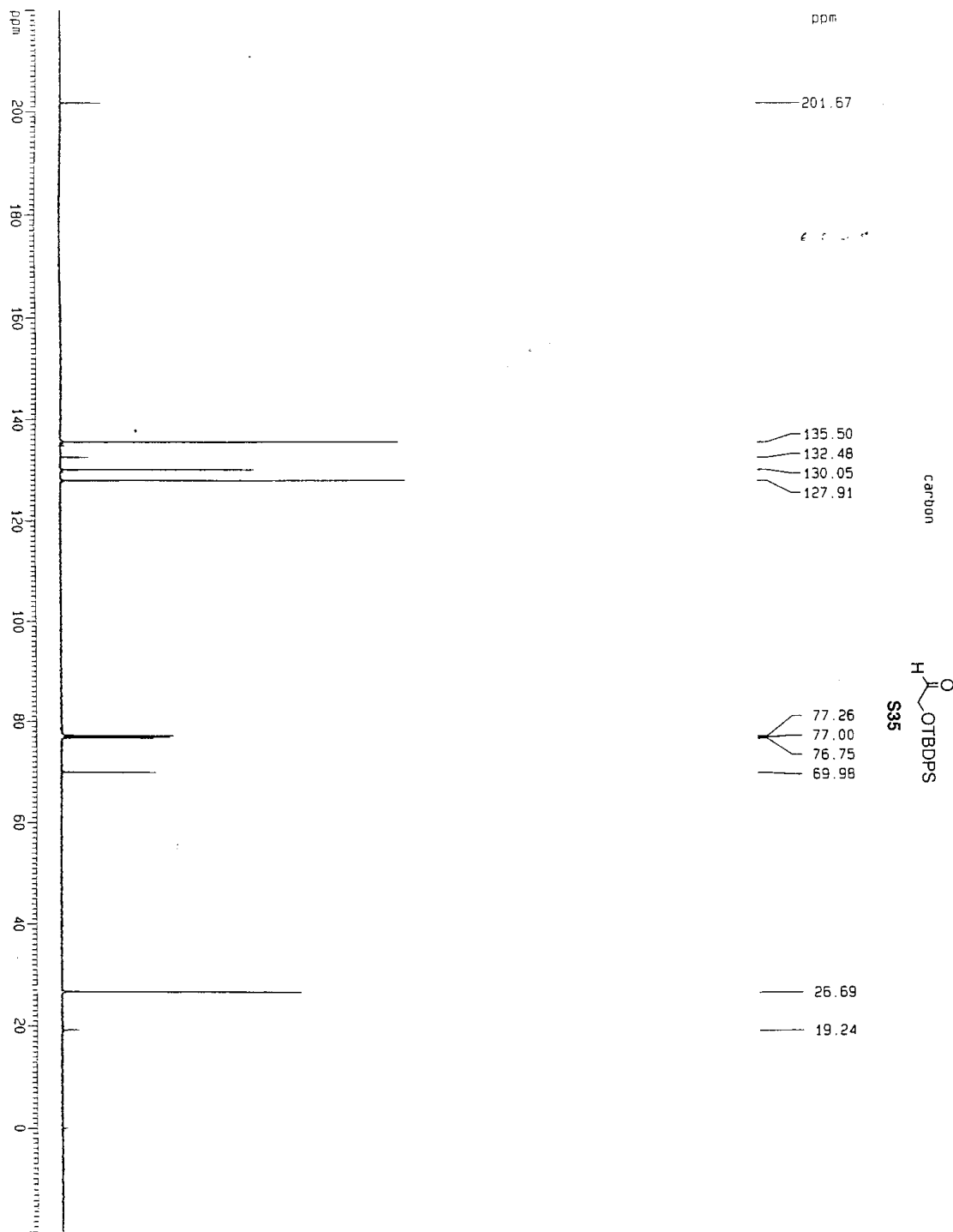


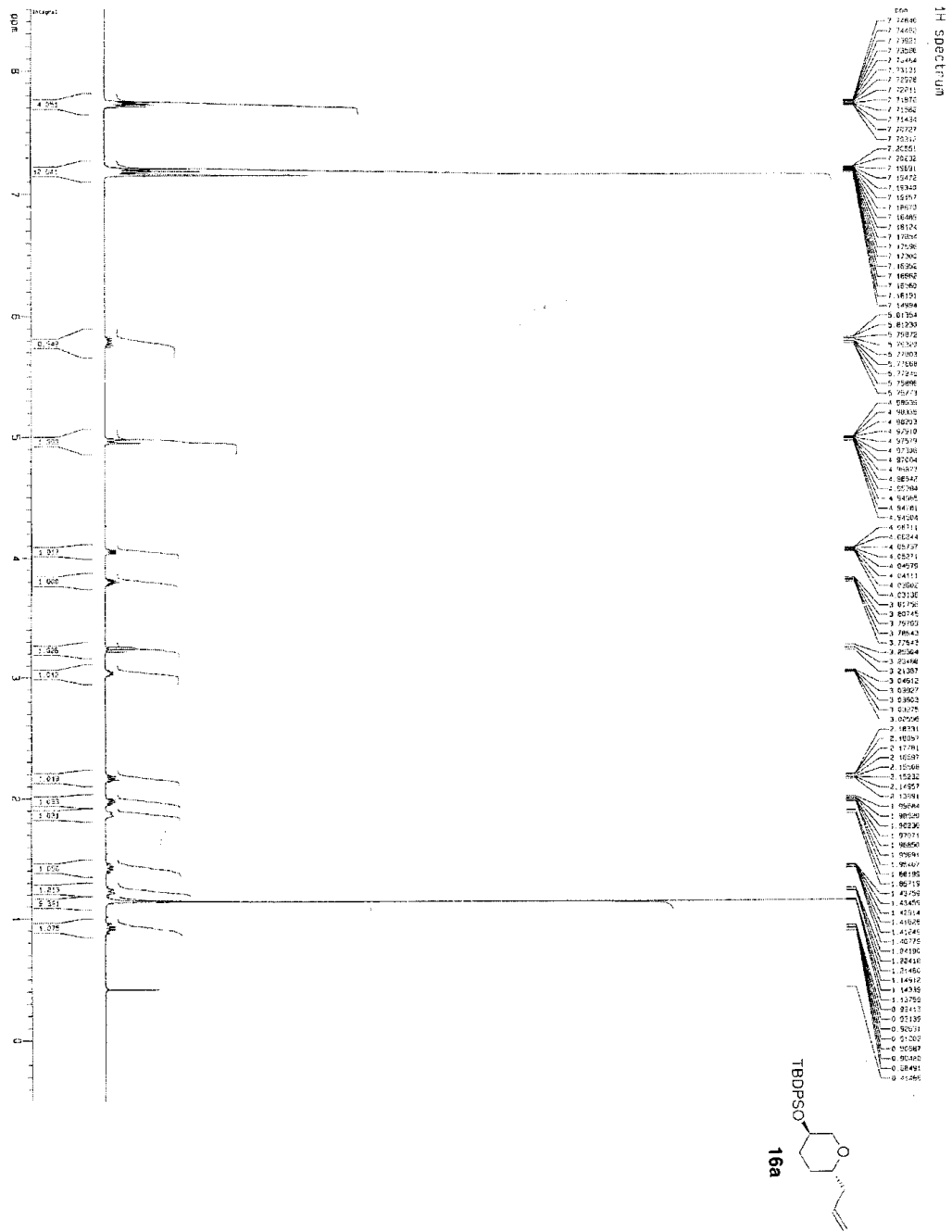
Carbon



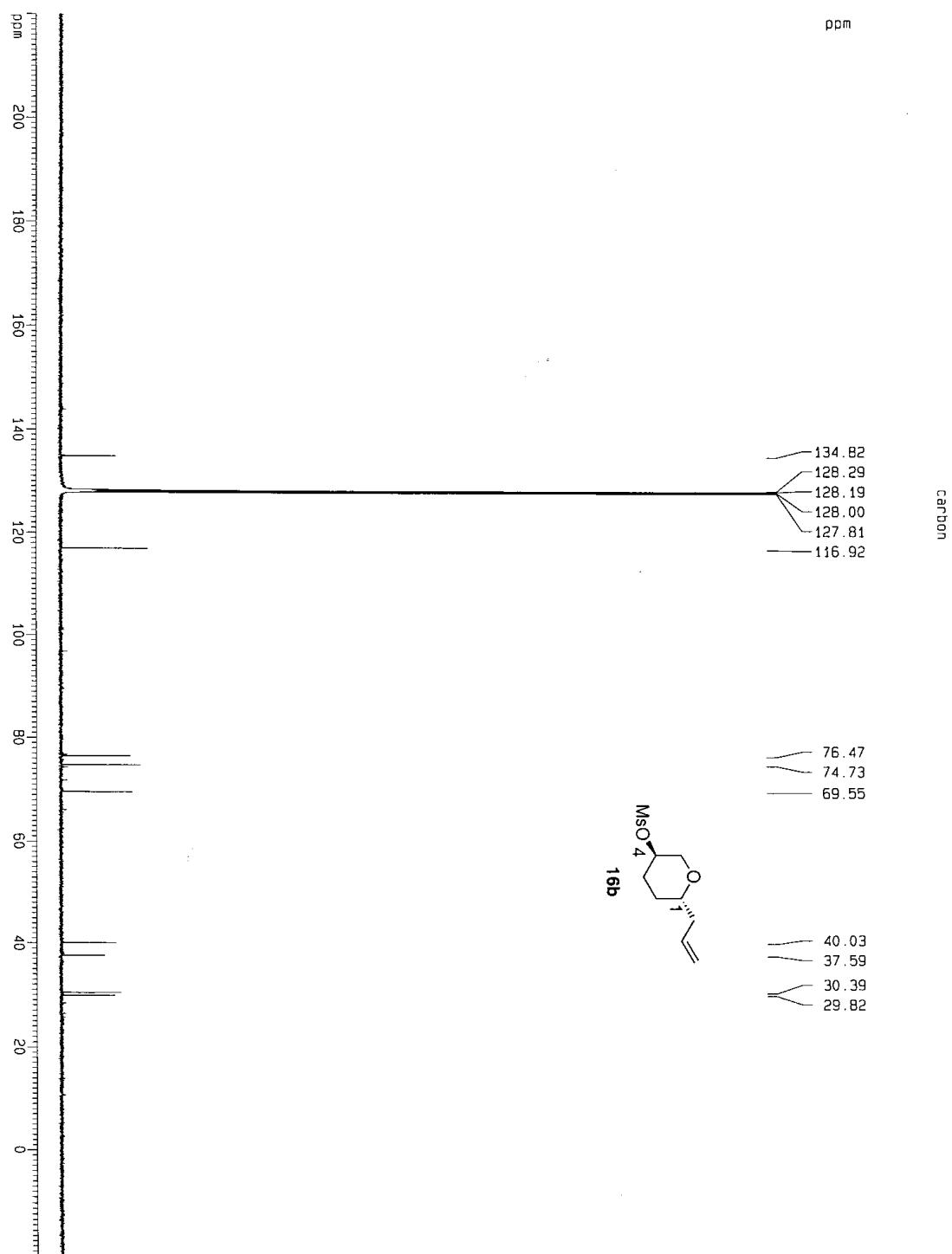


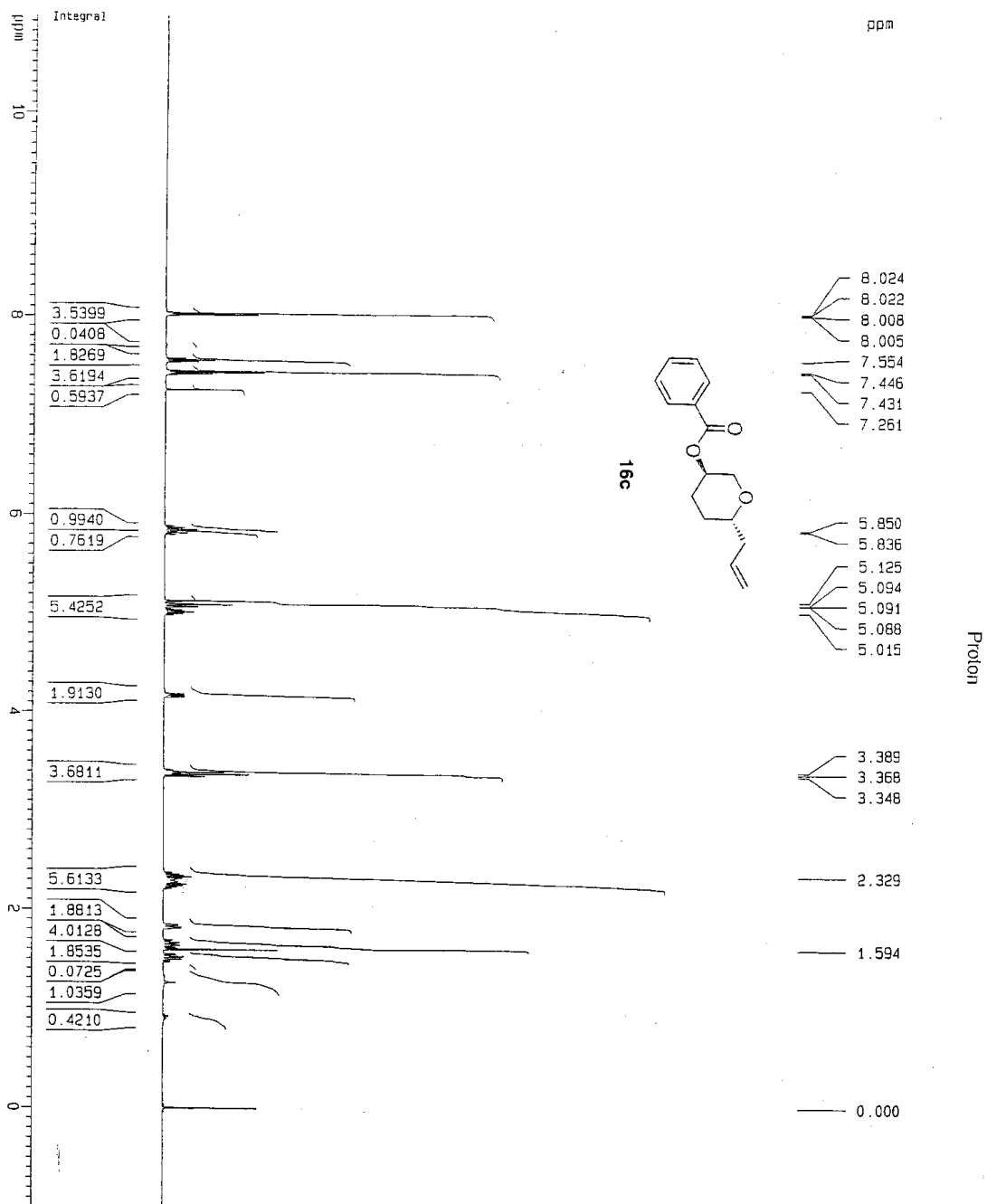


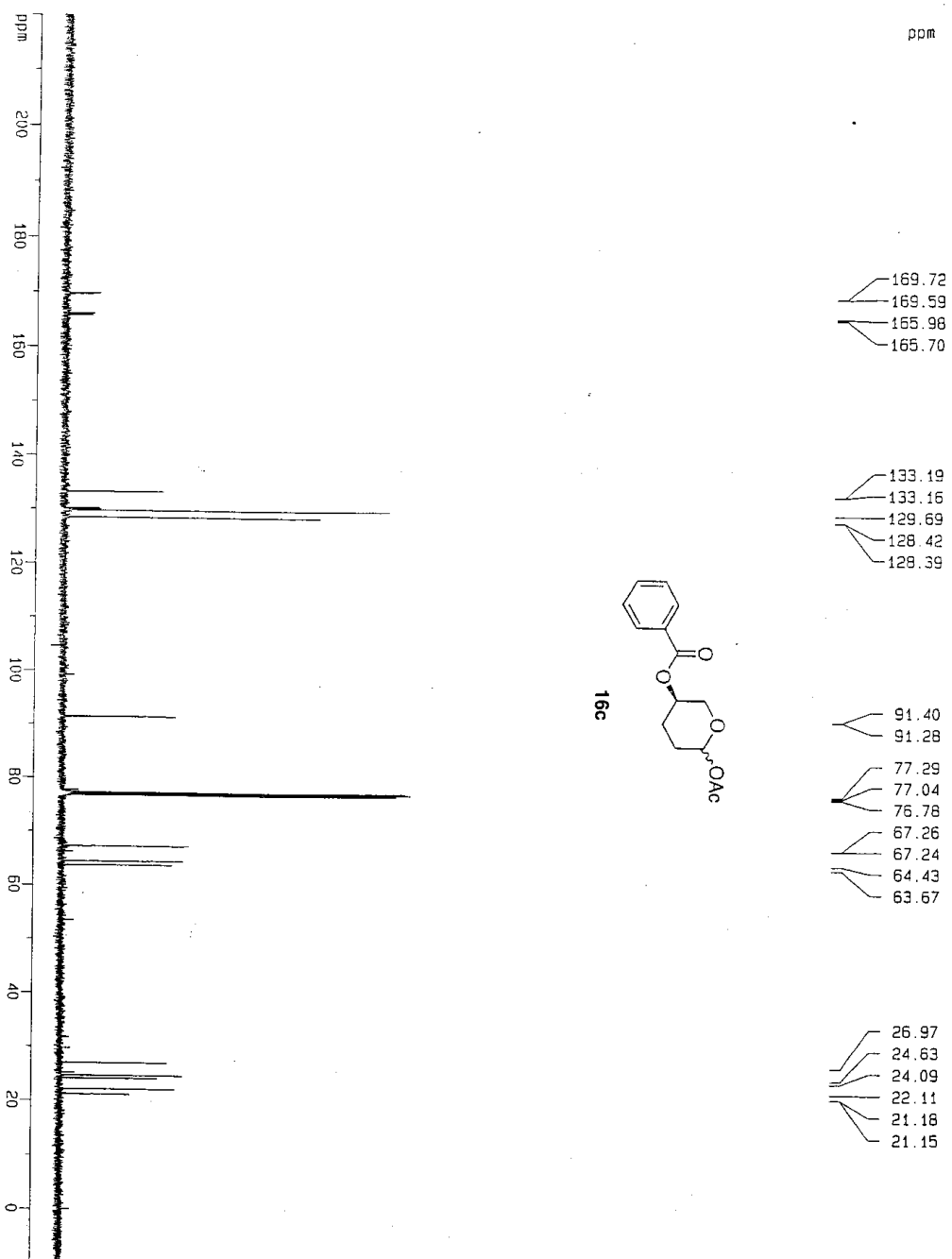




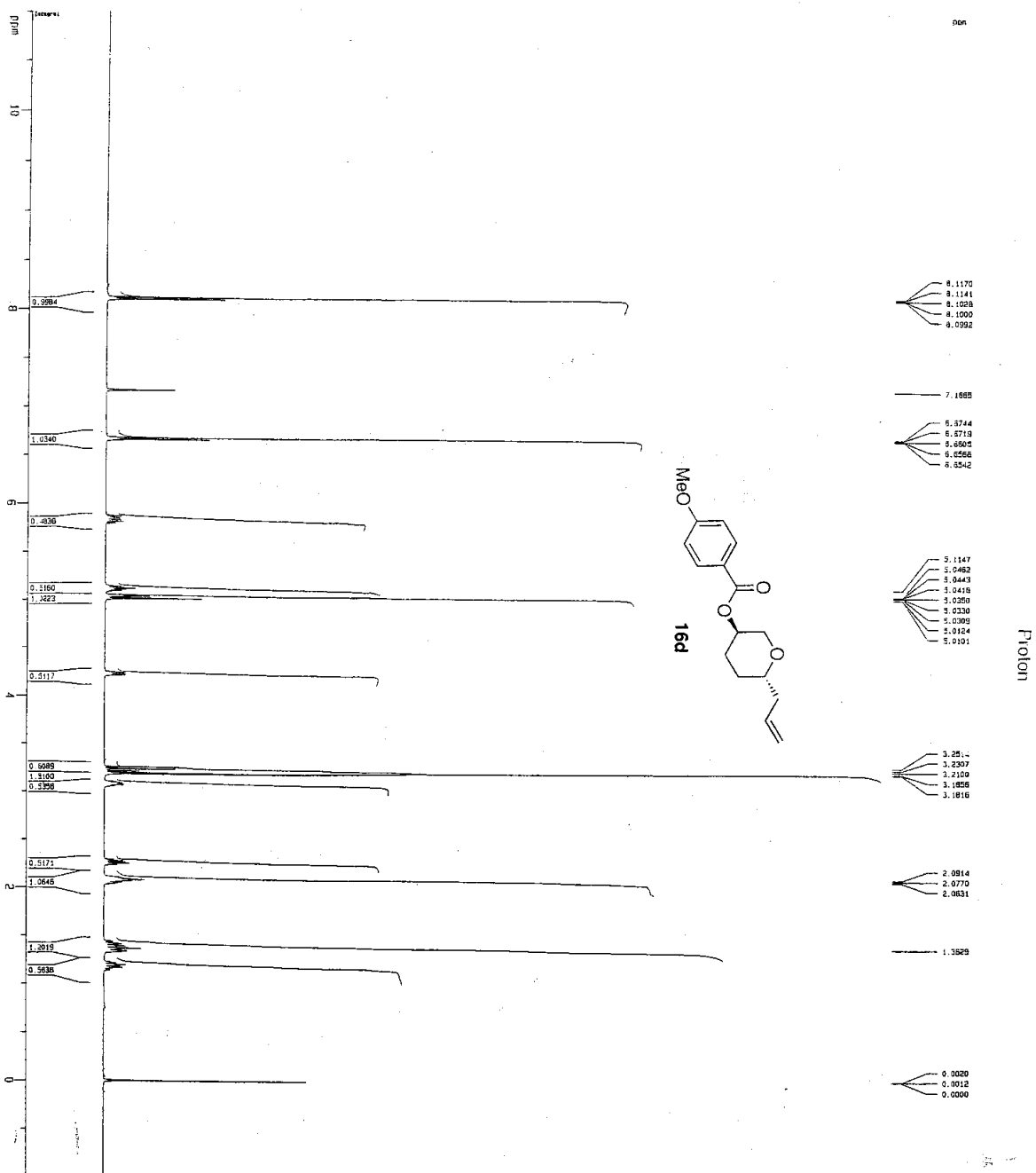


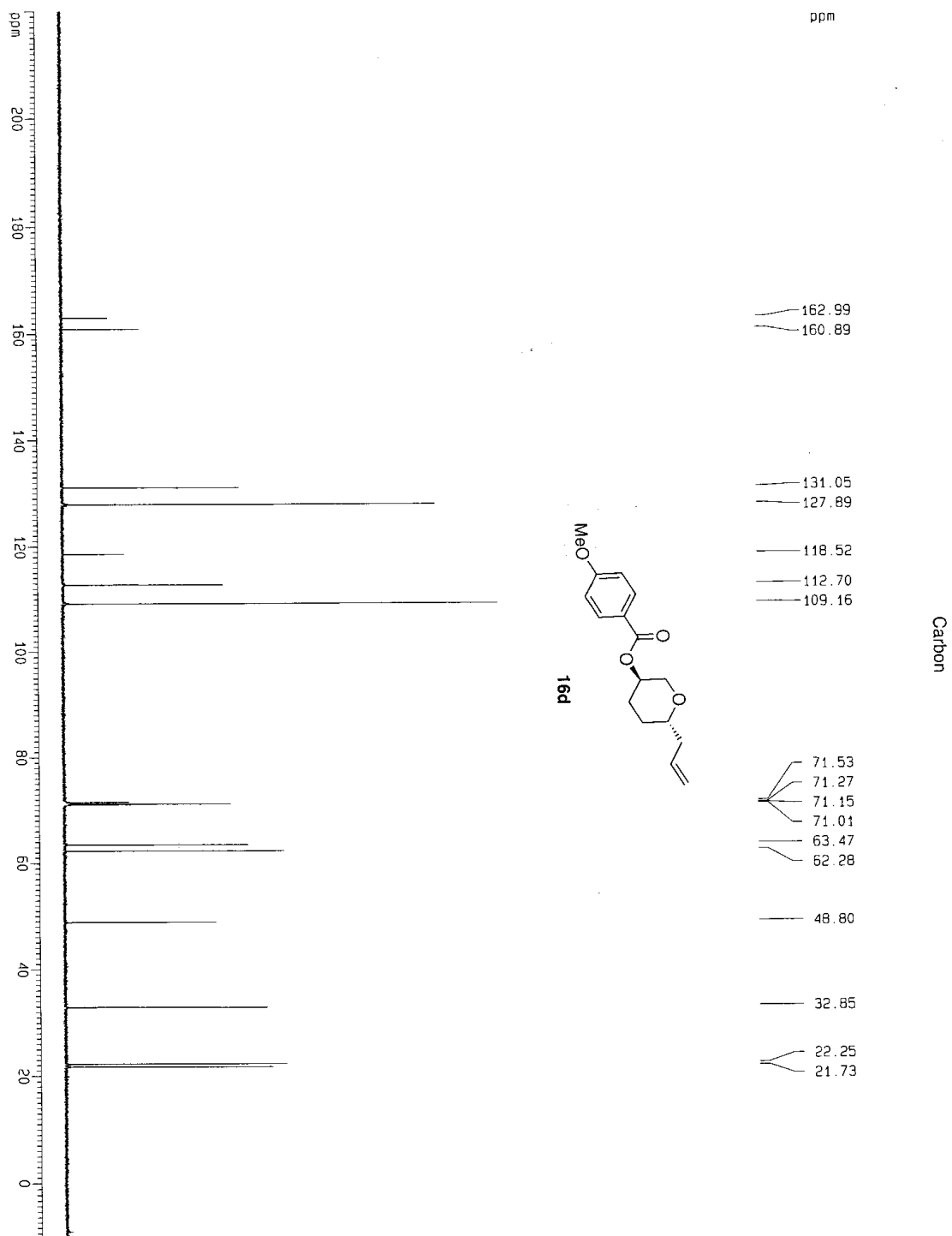


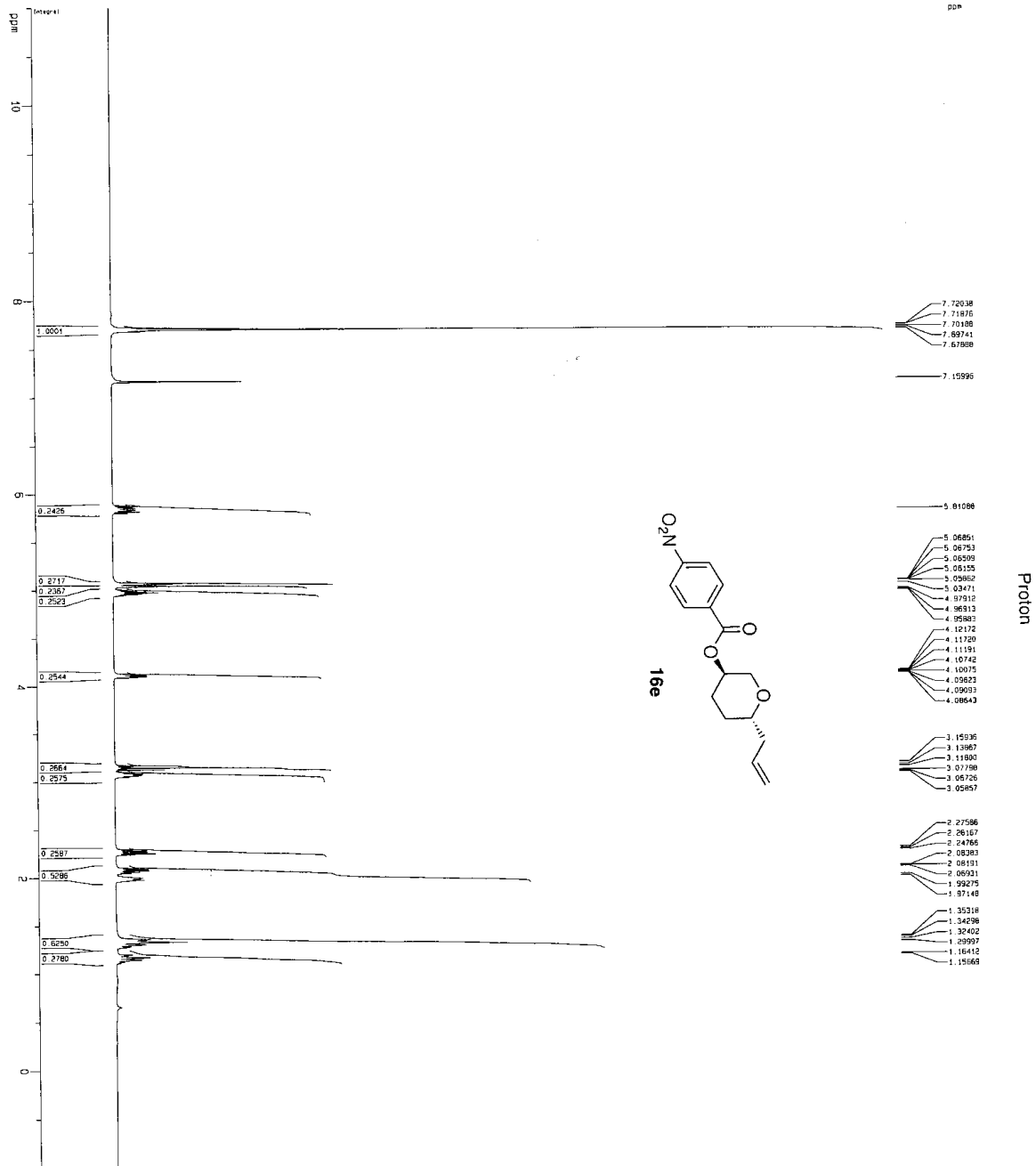


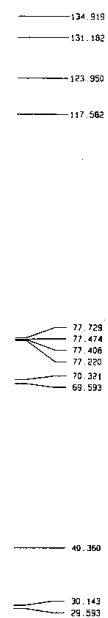
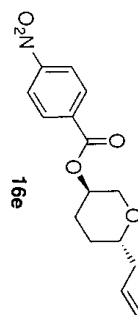
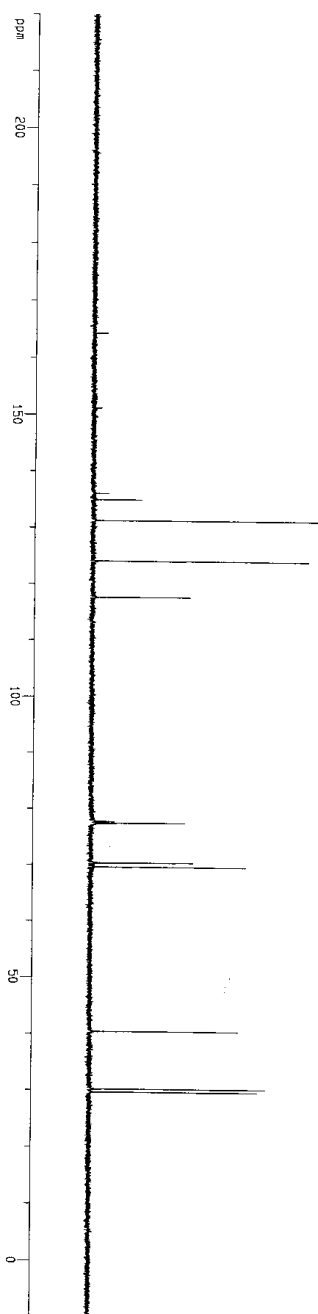


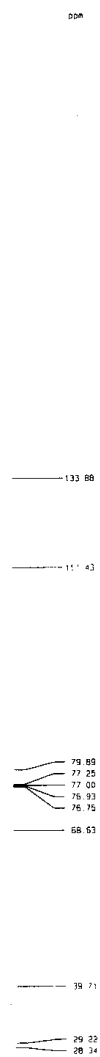
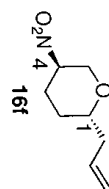
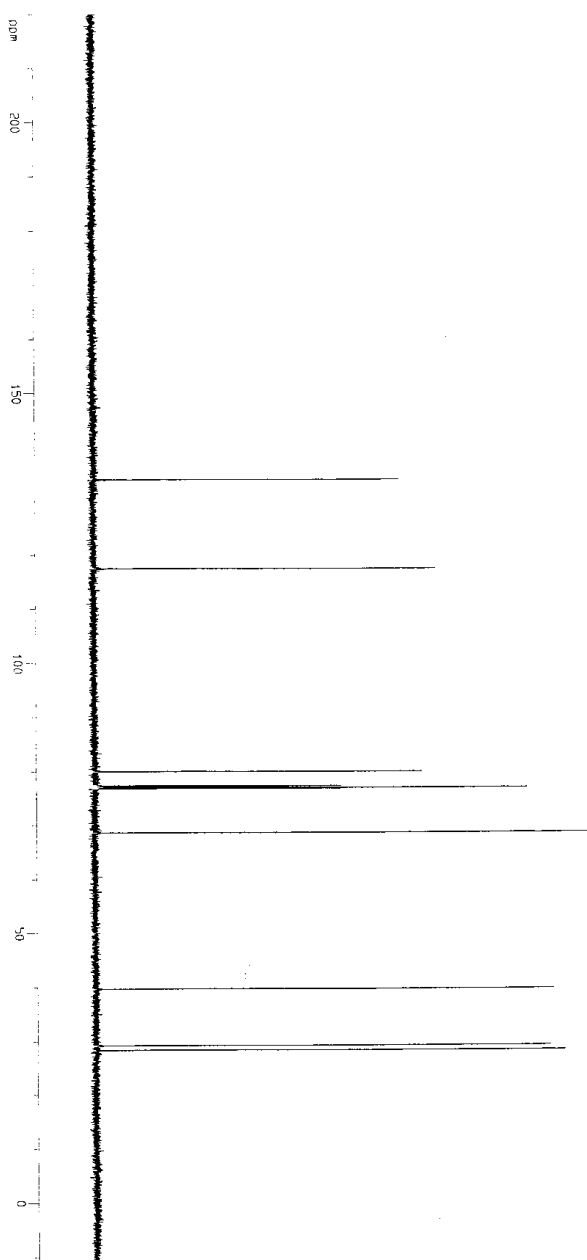
Carbon



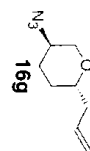
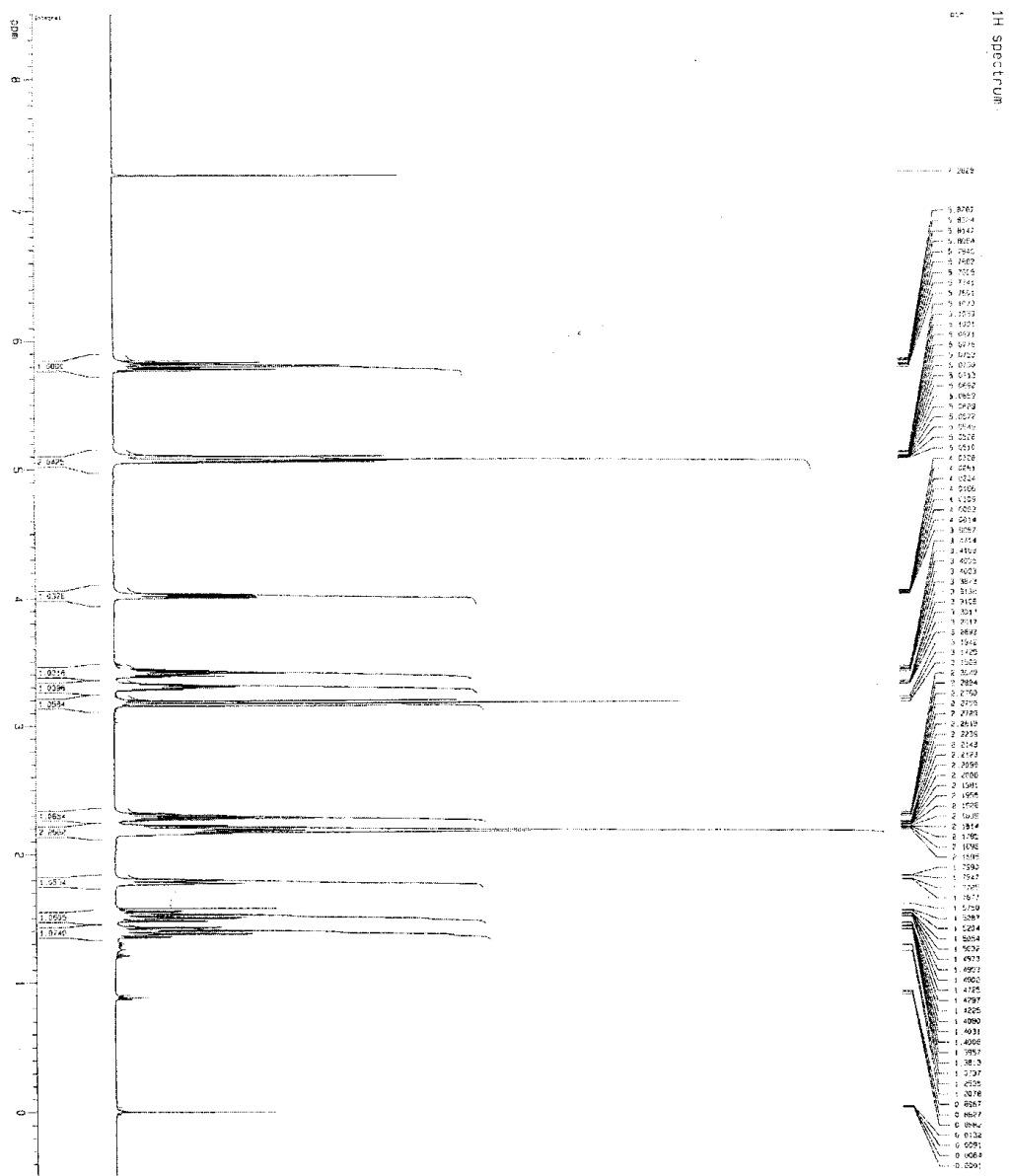


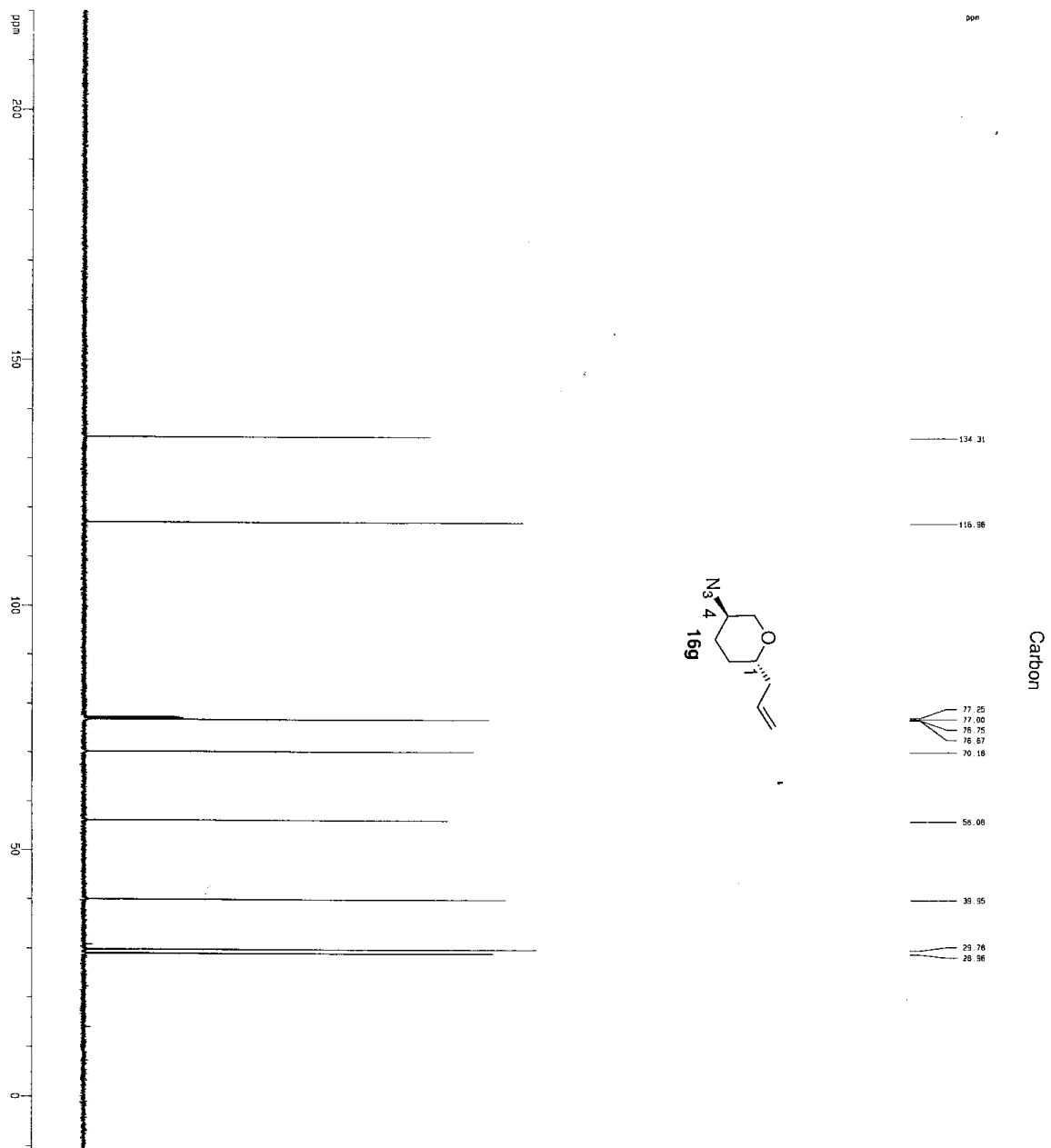


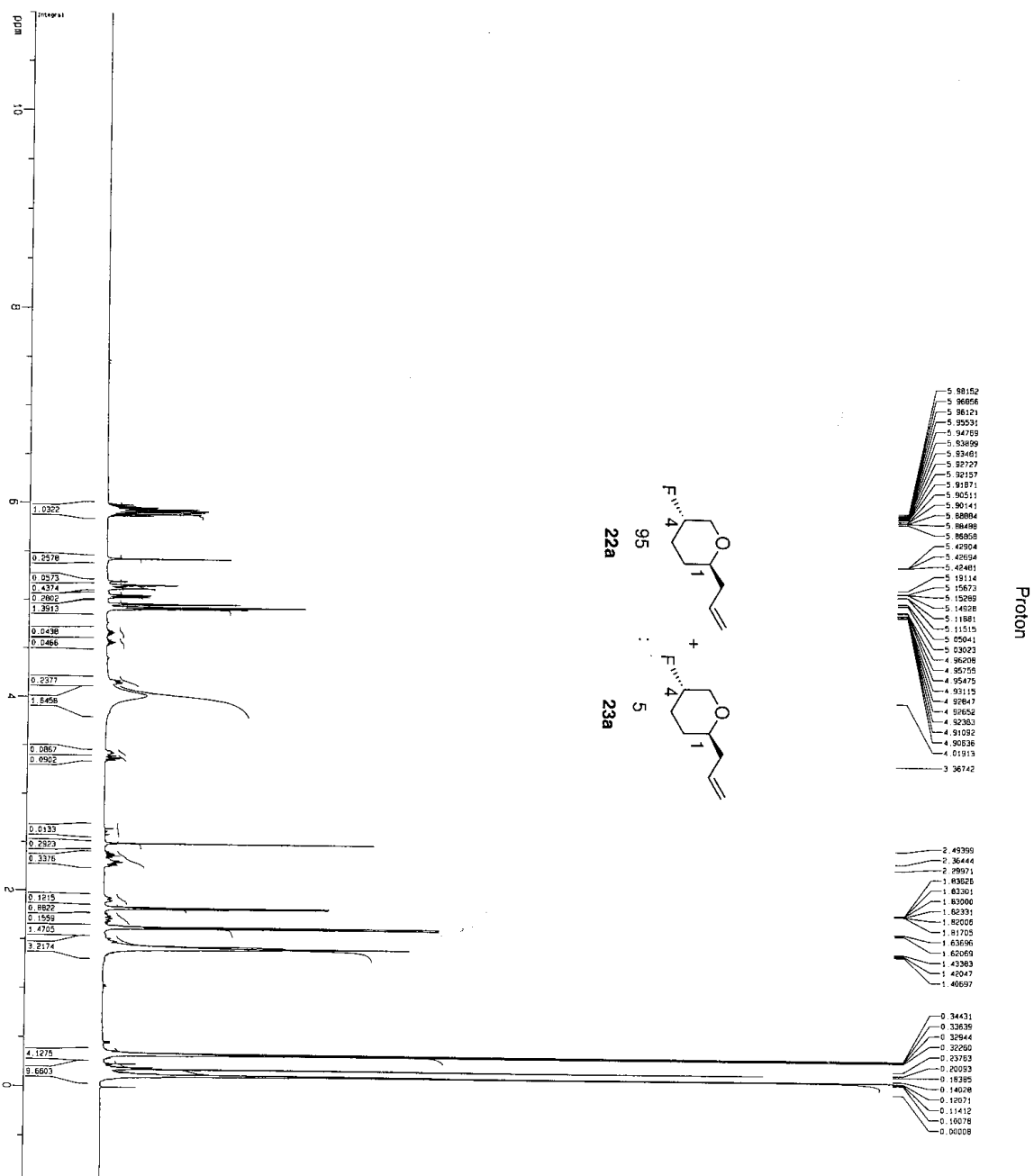


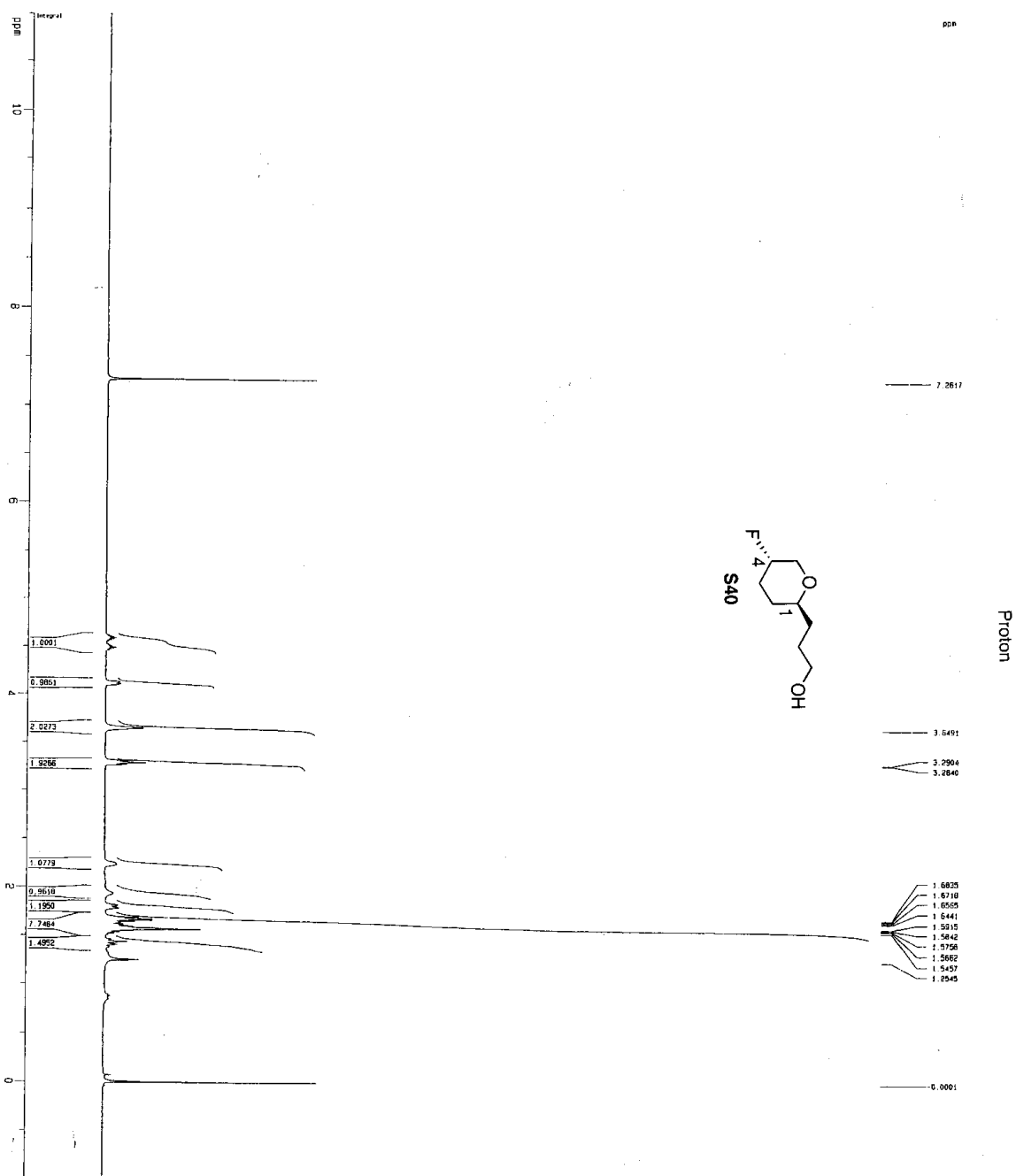


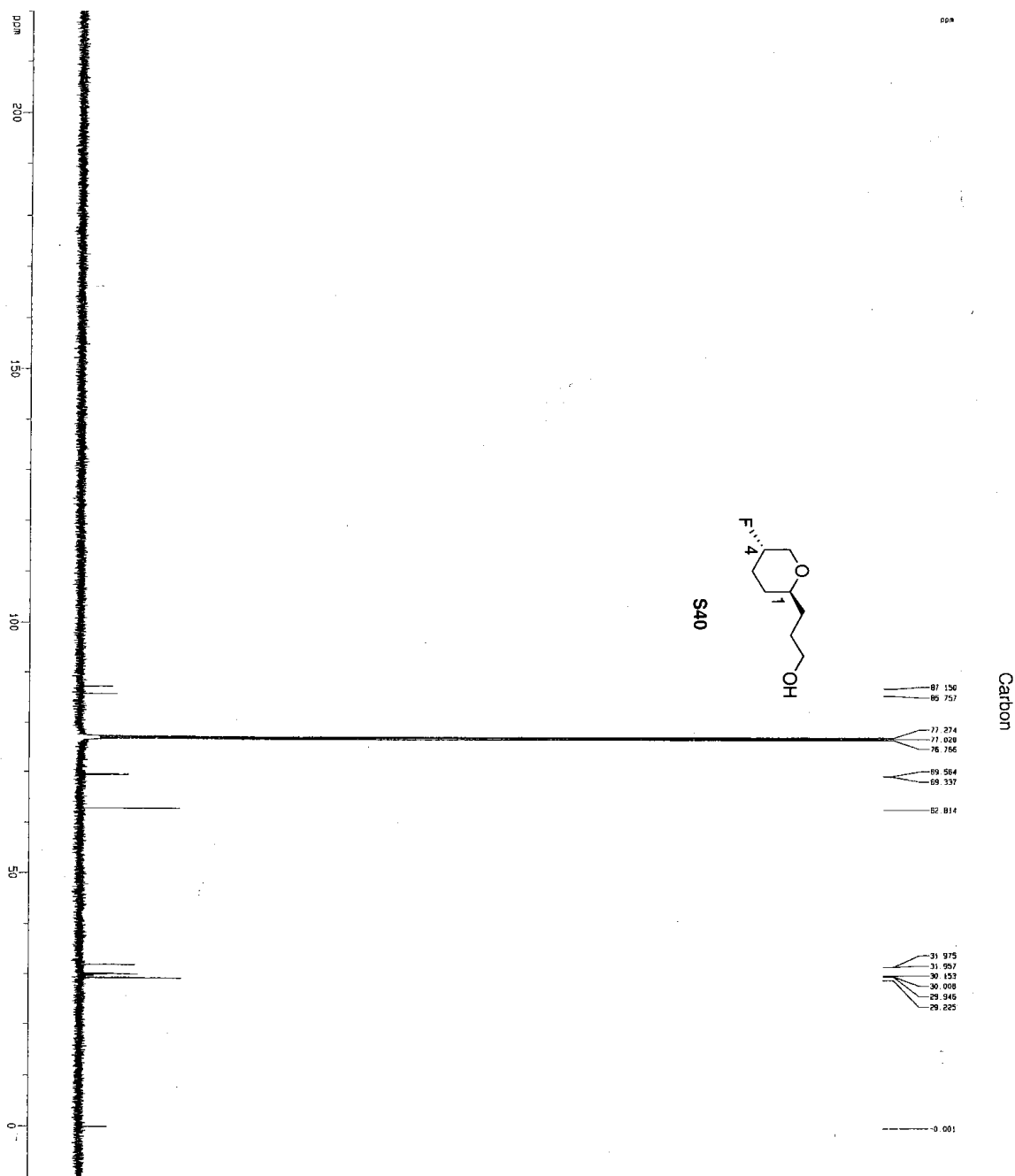
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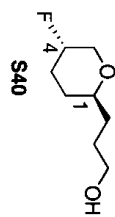
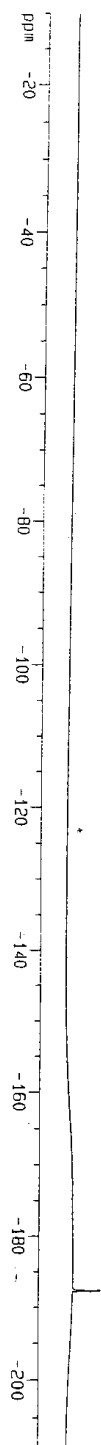






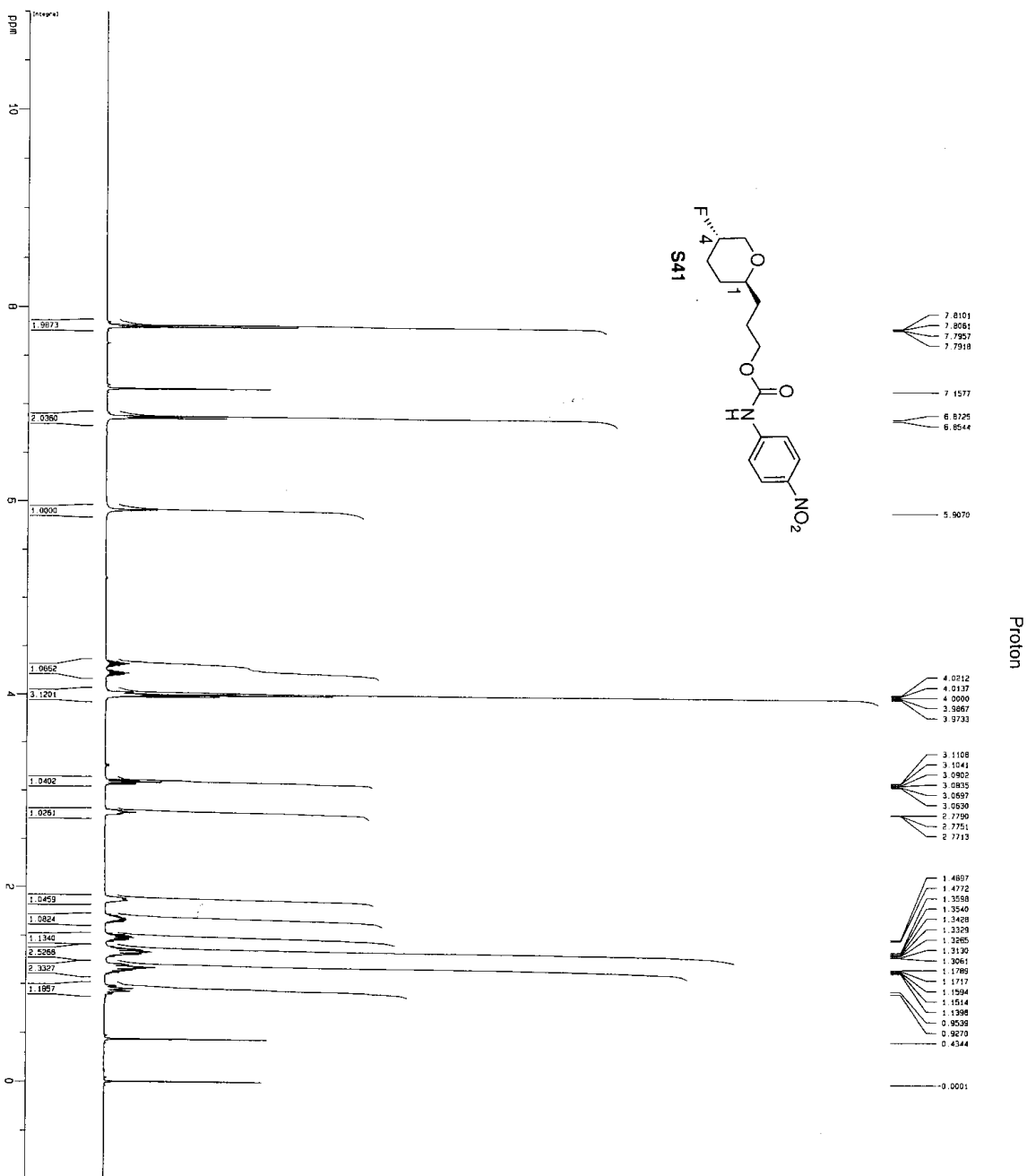




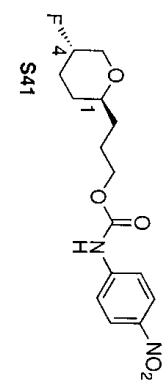
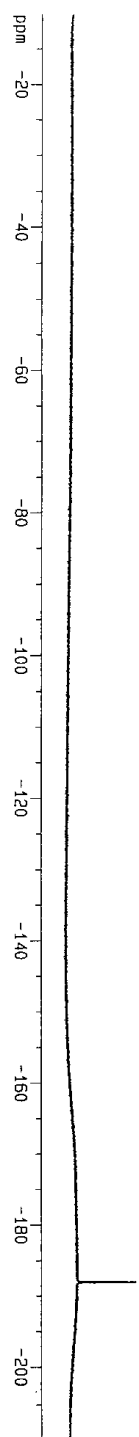


- 188
- 188
- 188
- 188

^{19}F NMR

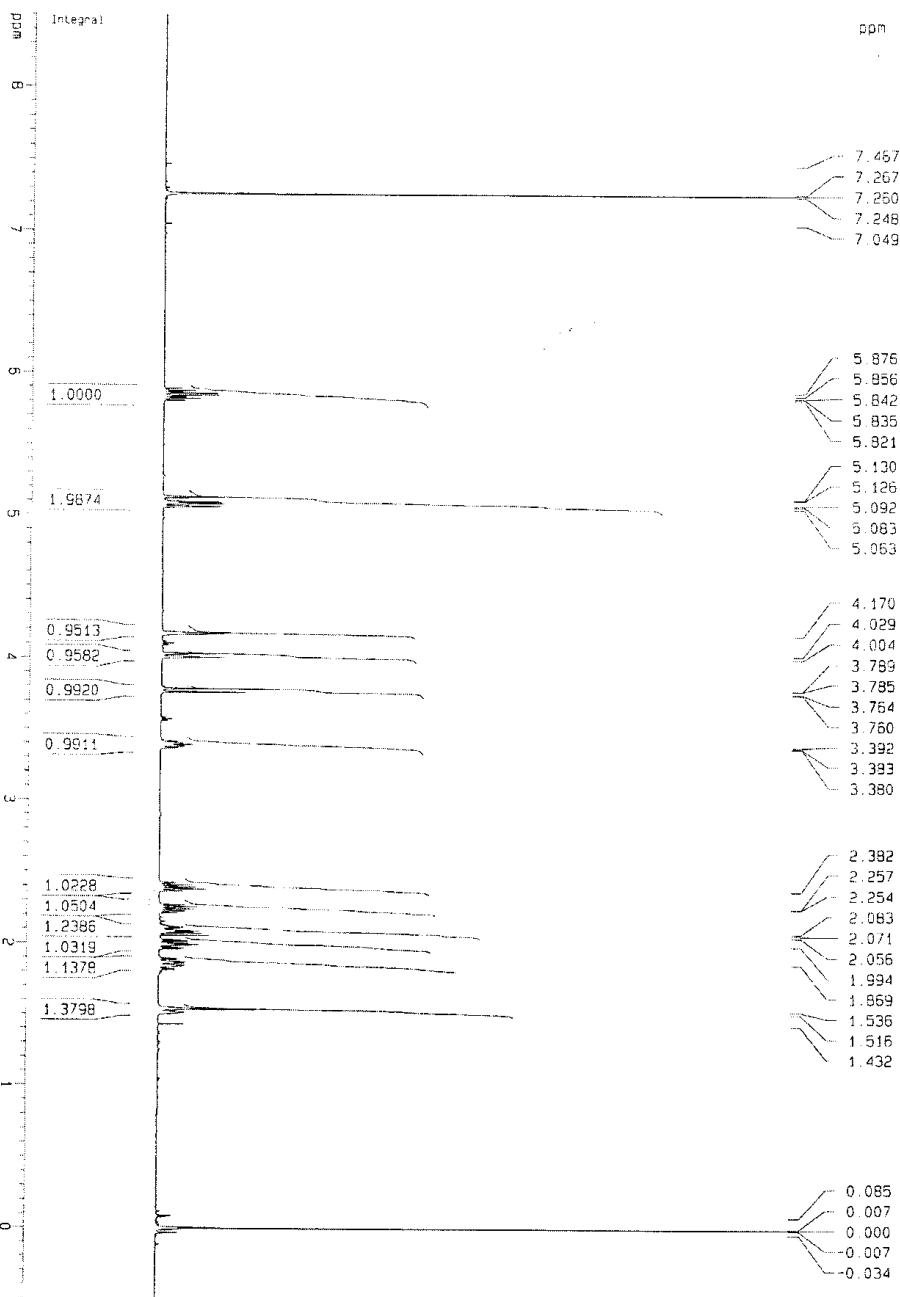


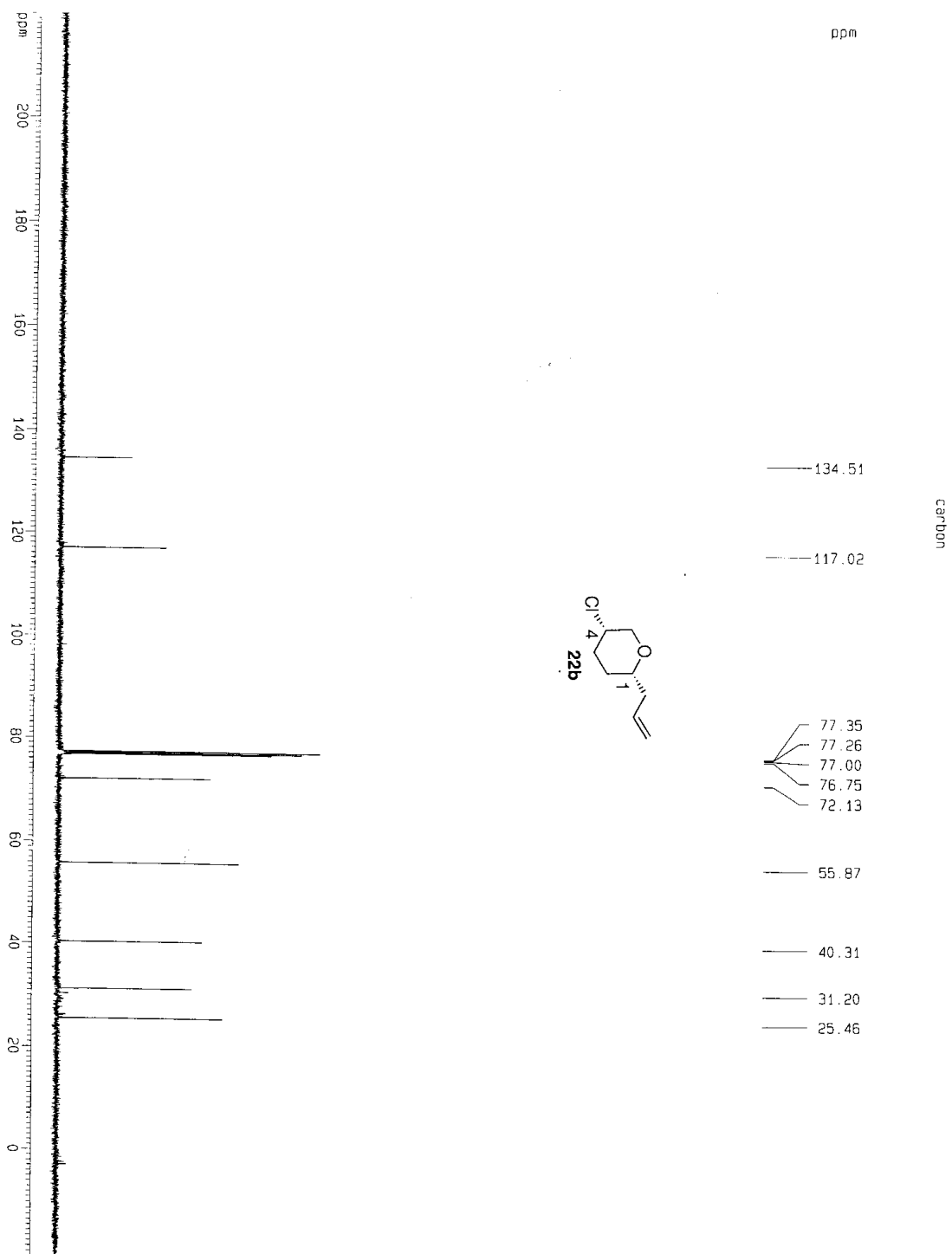


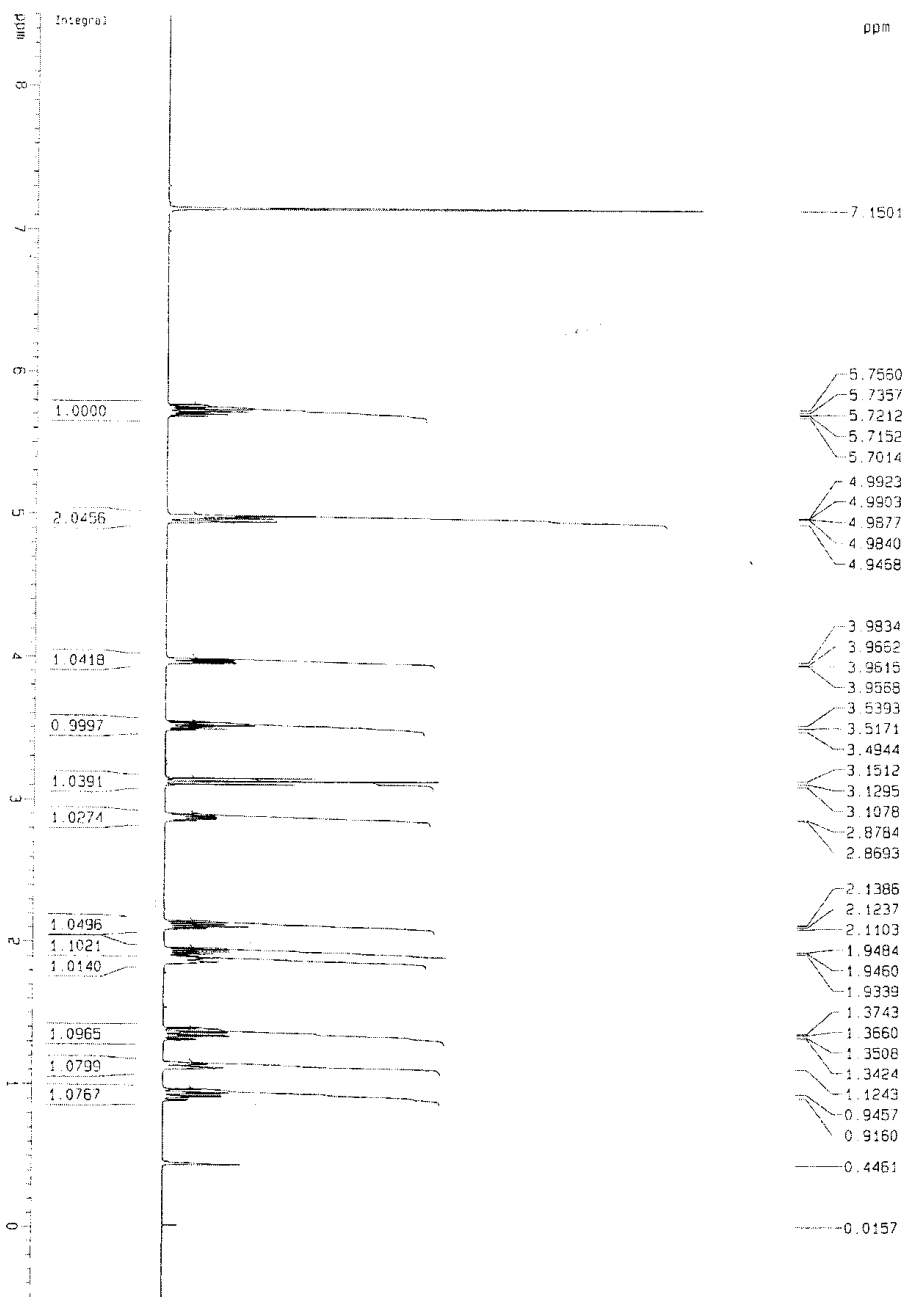


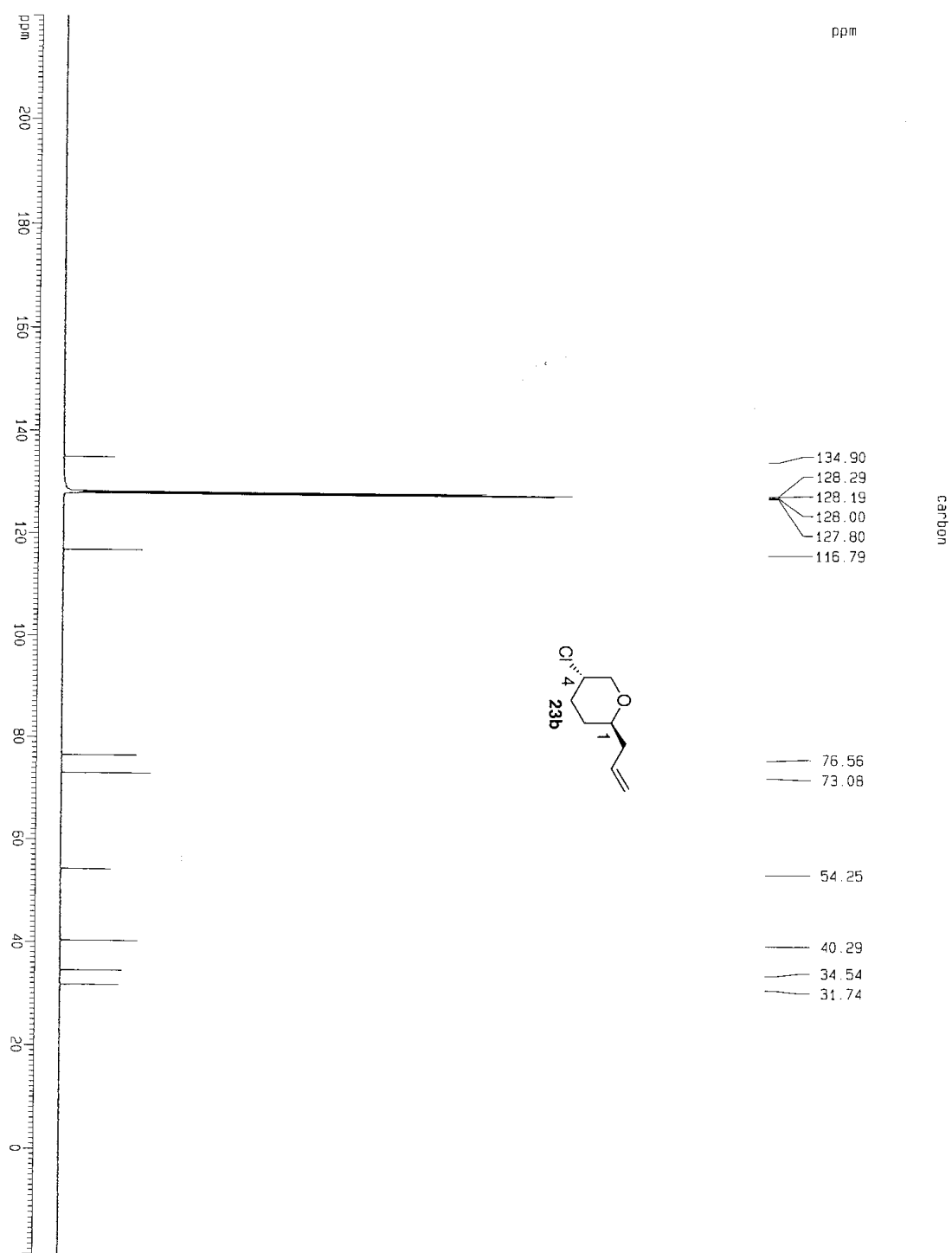
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-188
-188
-188
-188

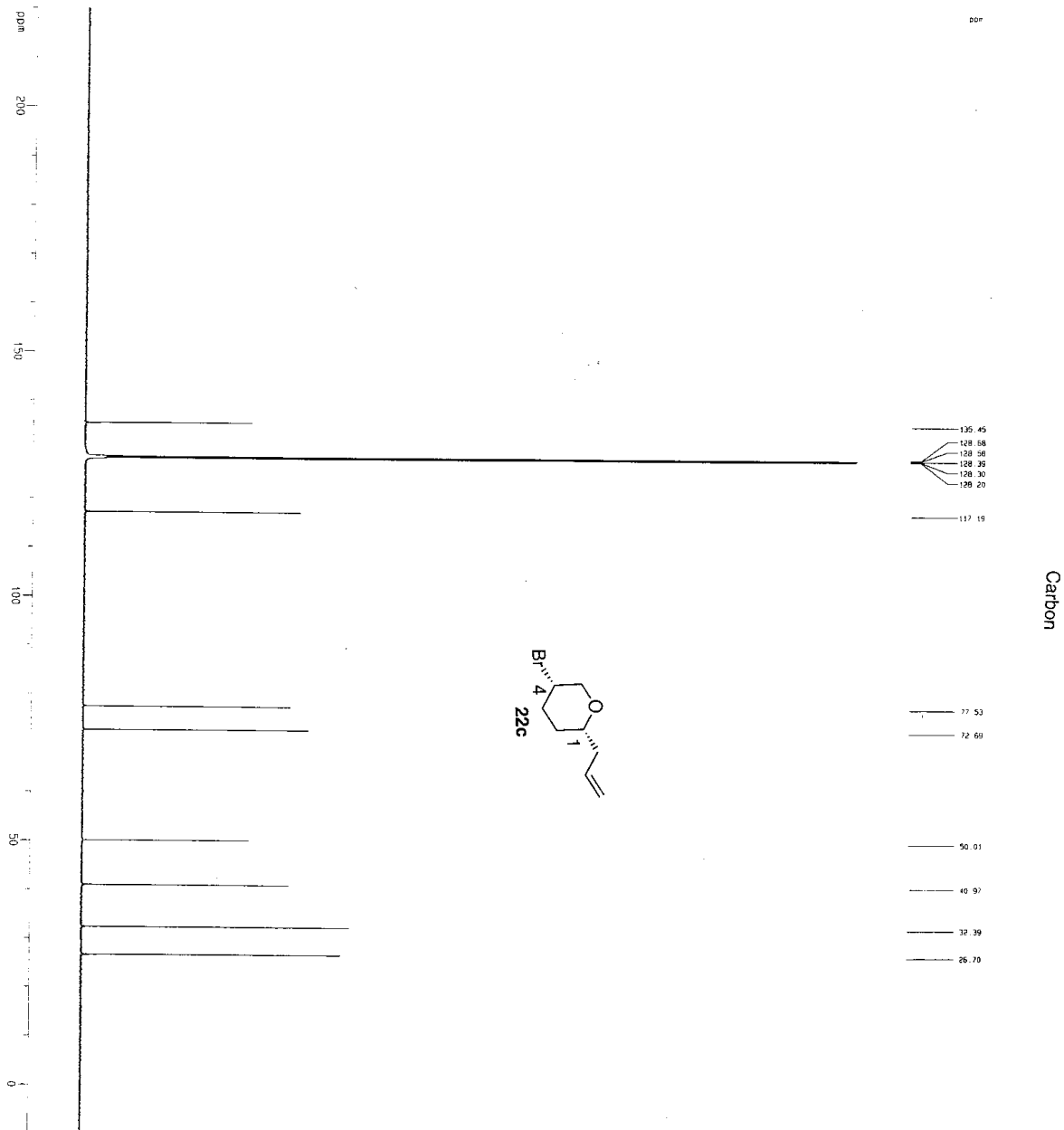
^{19}F NMR

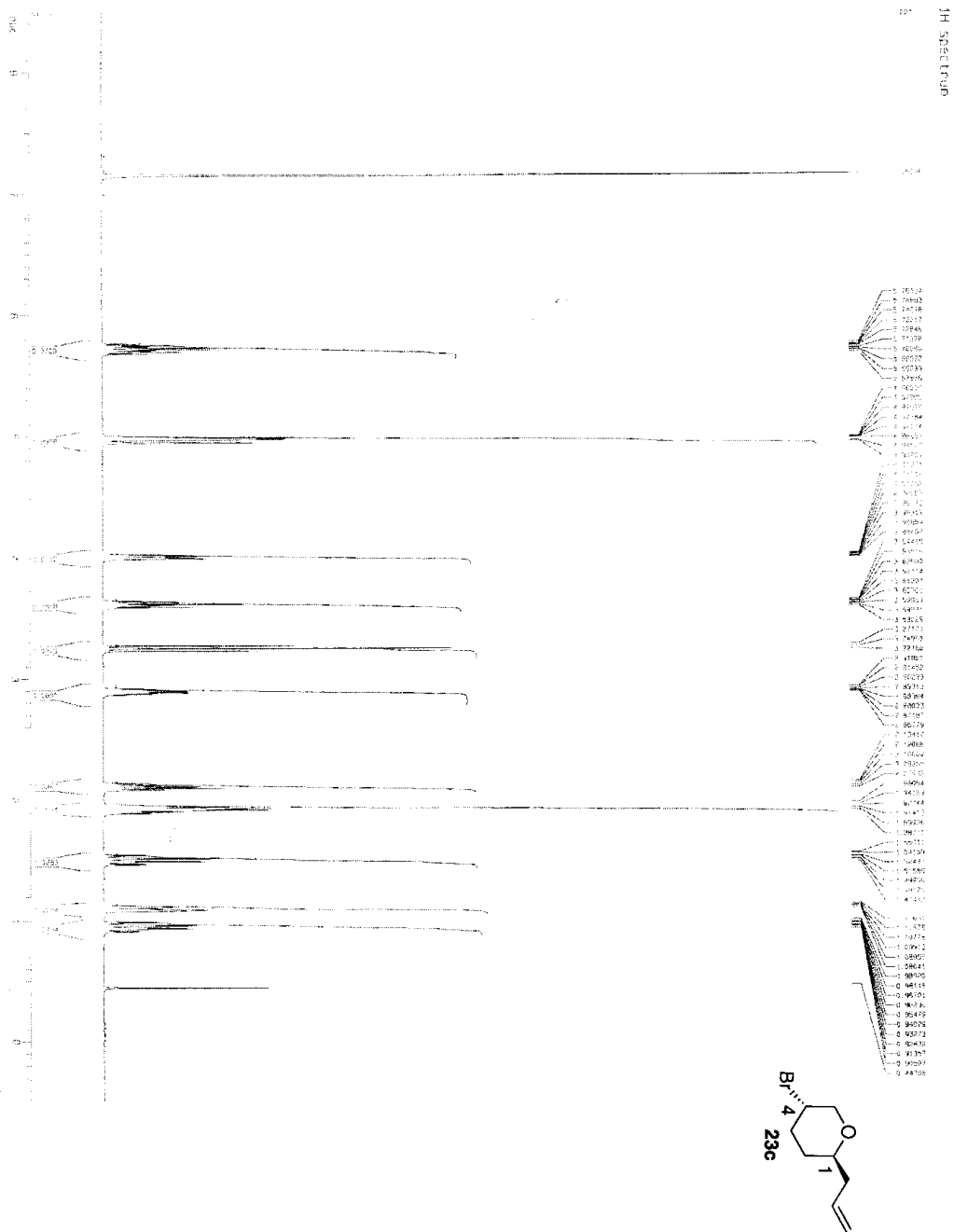


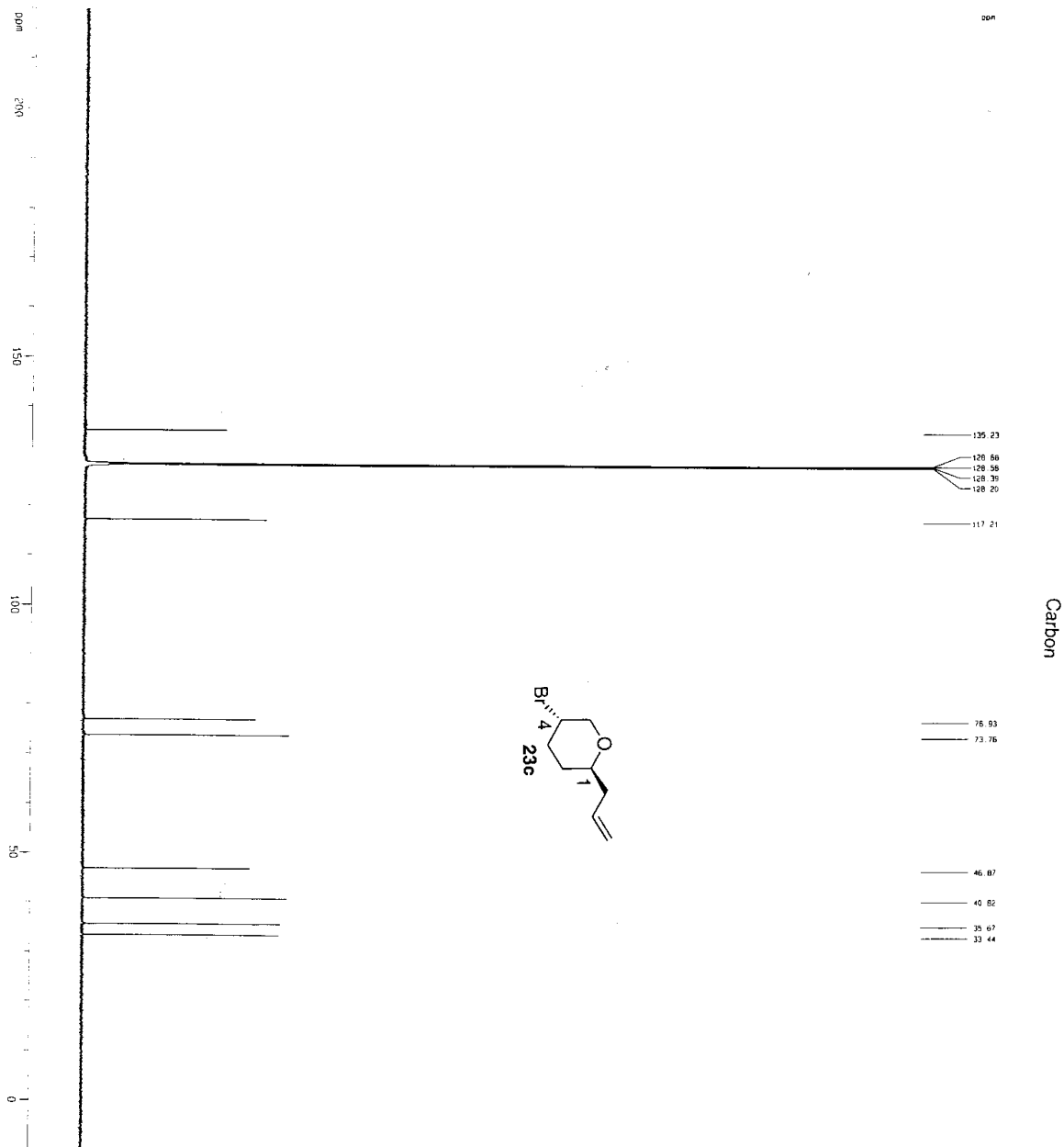


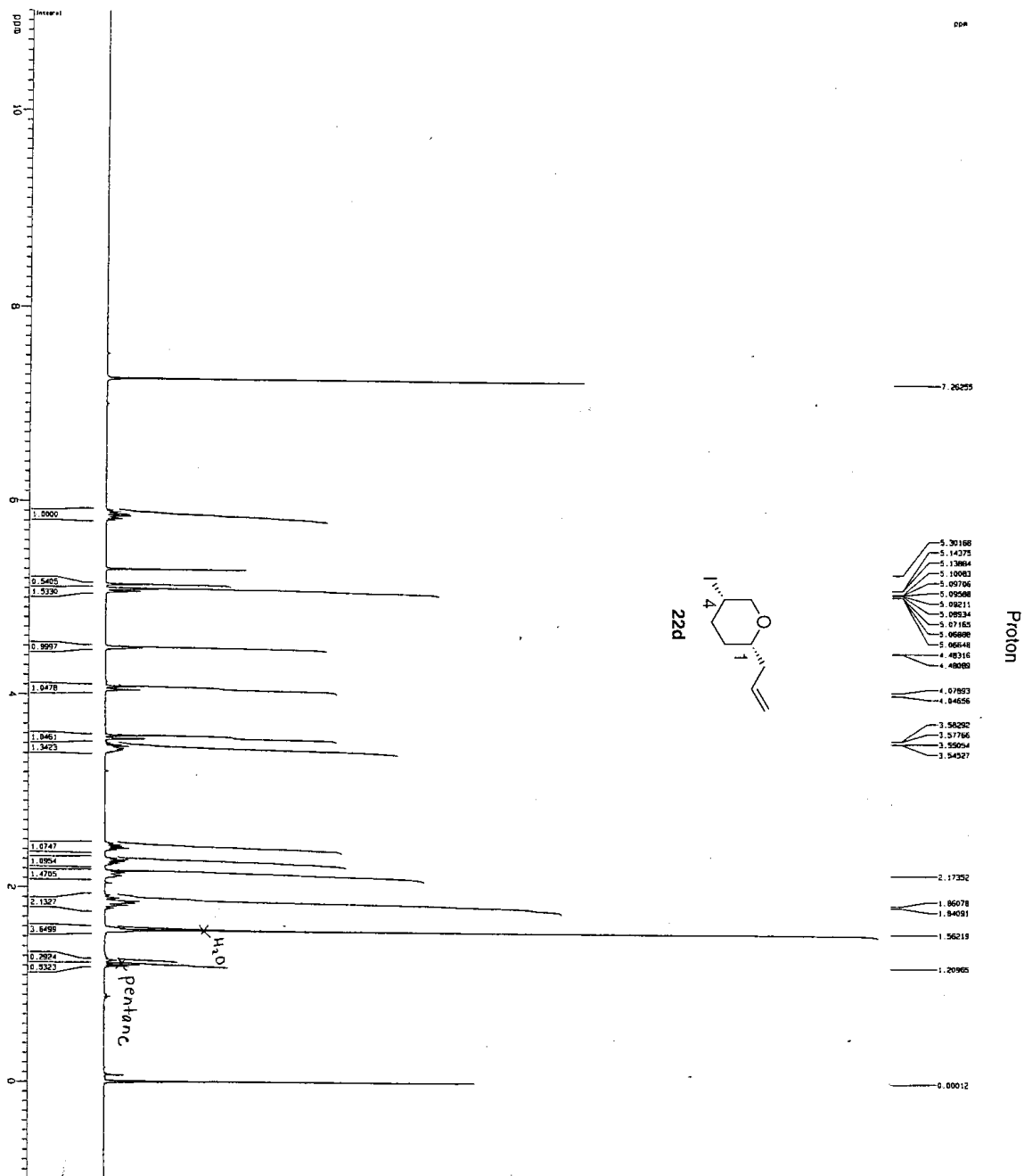


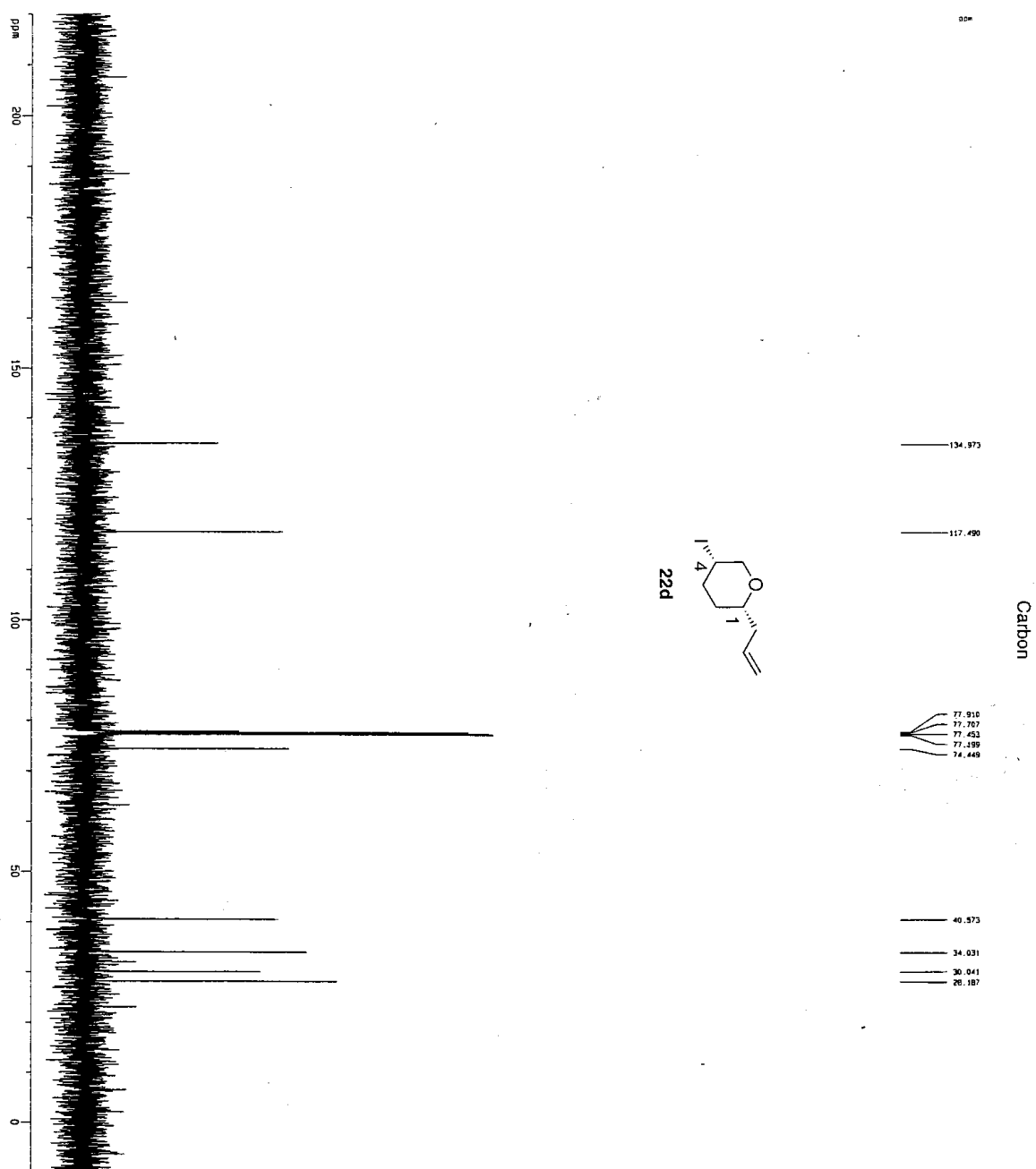


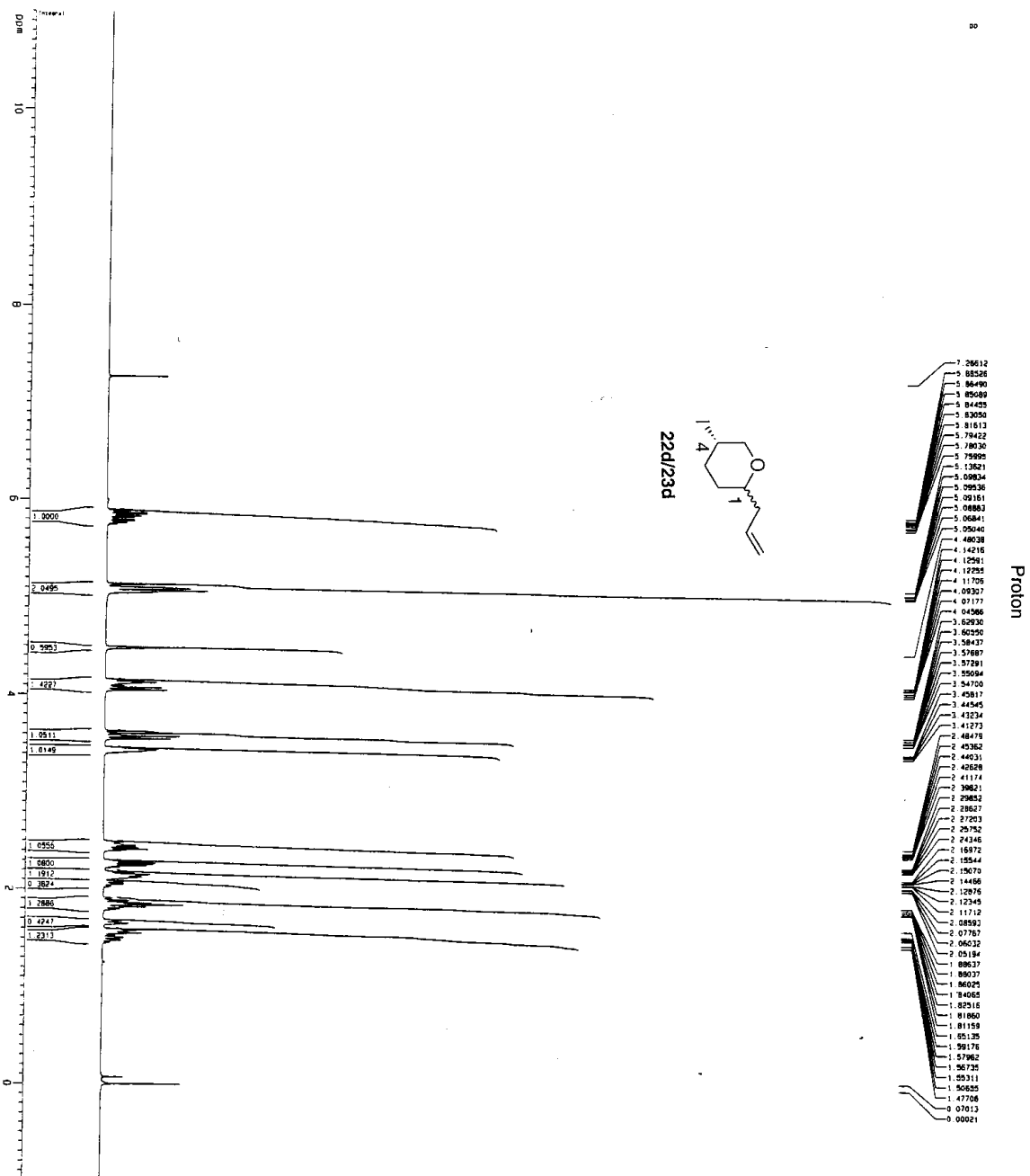


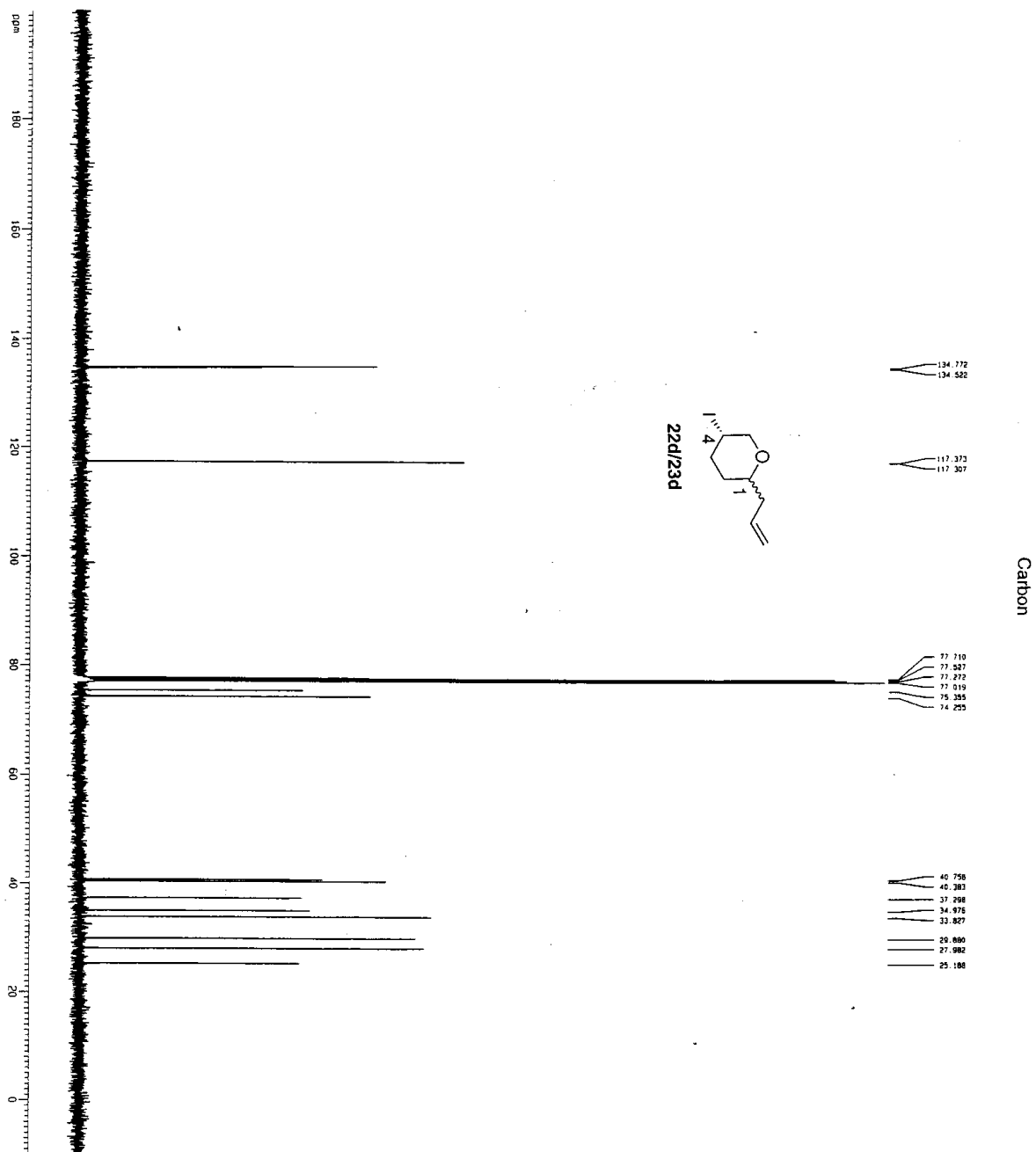


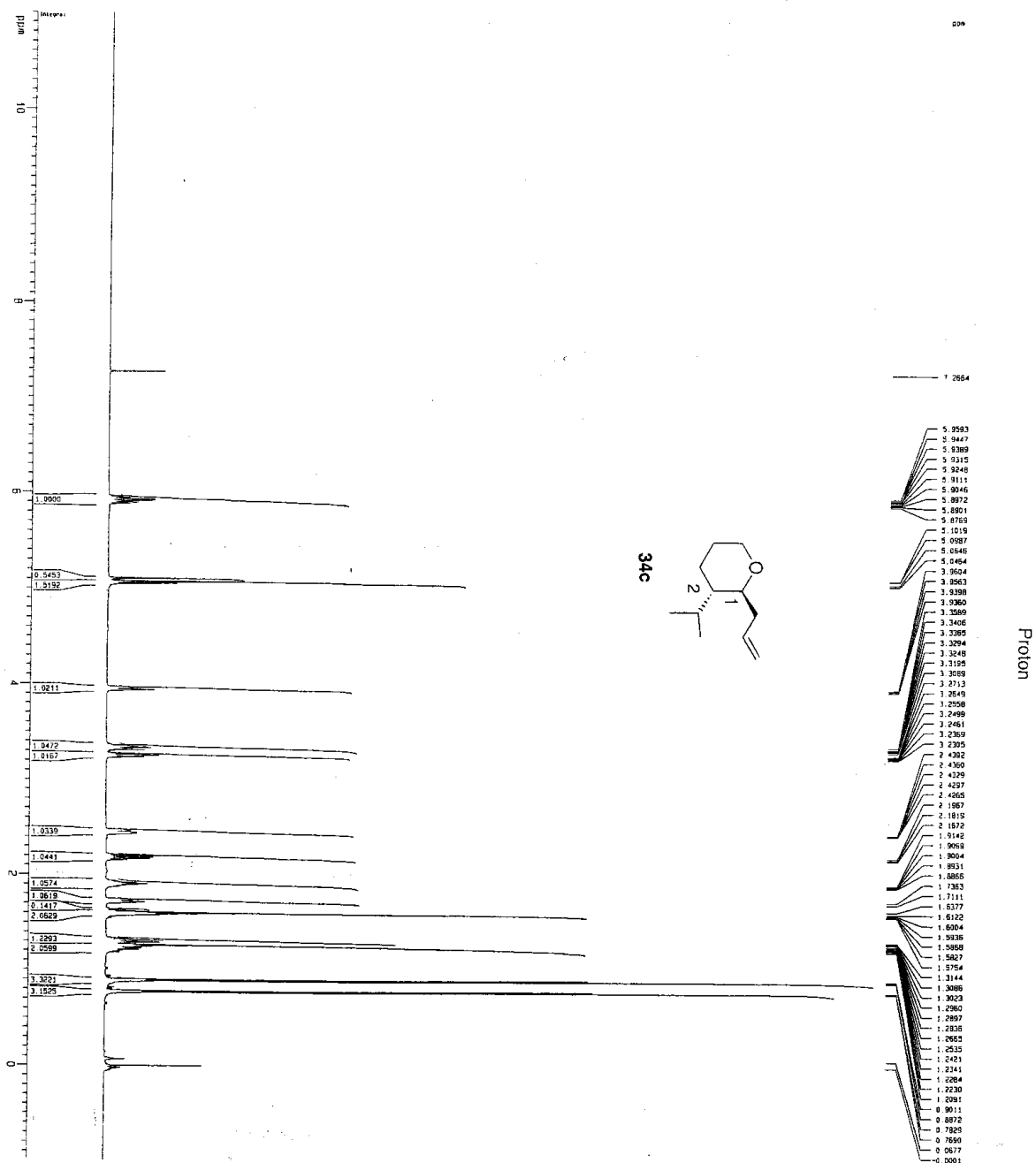


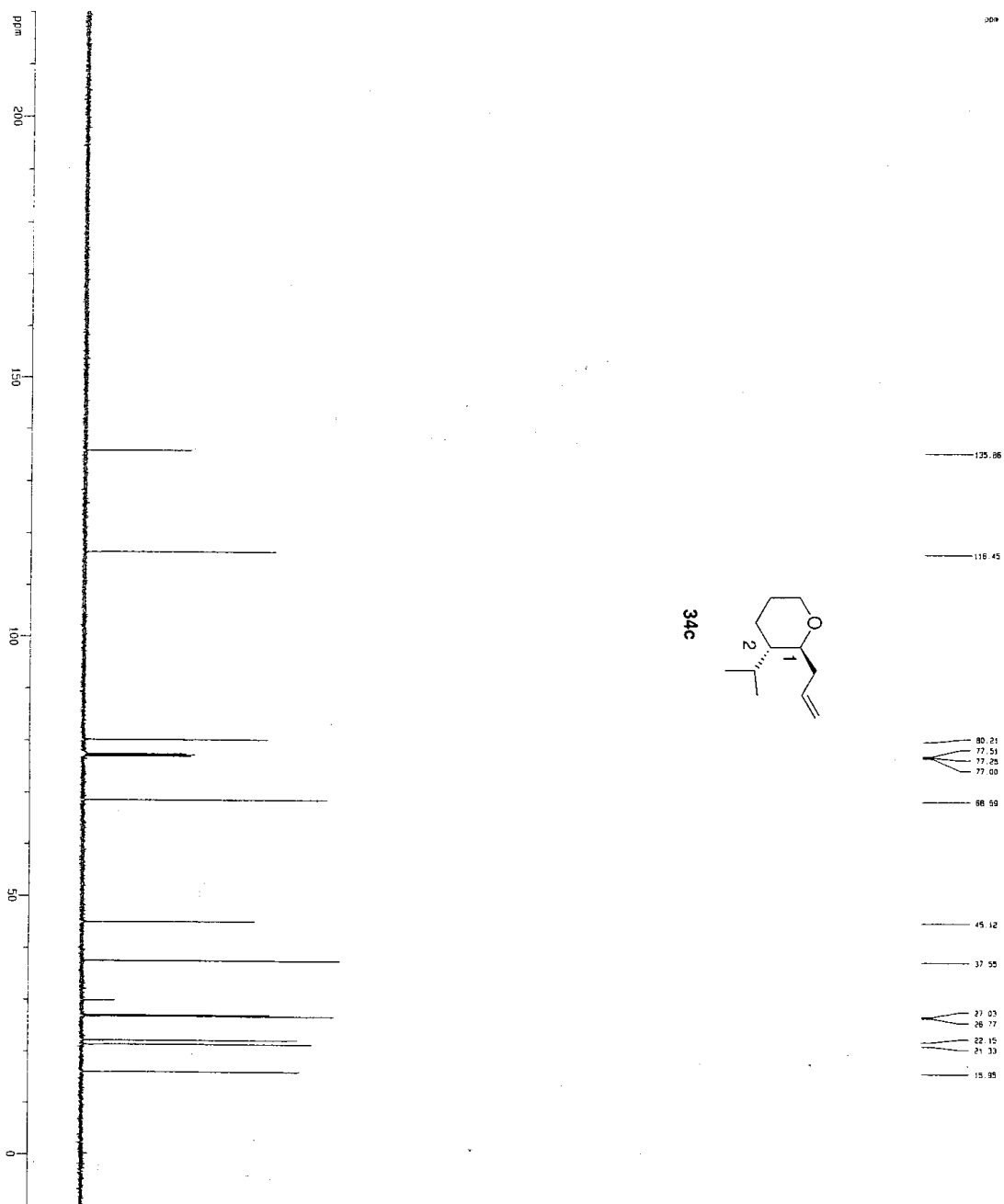




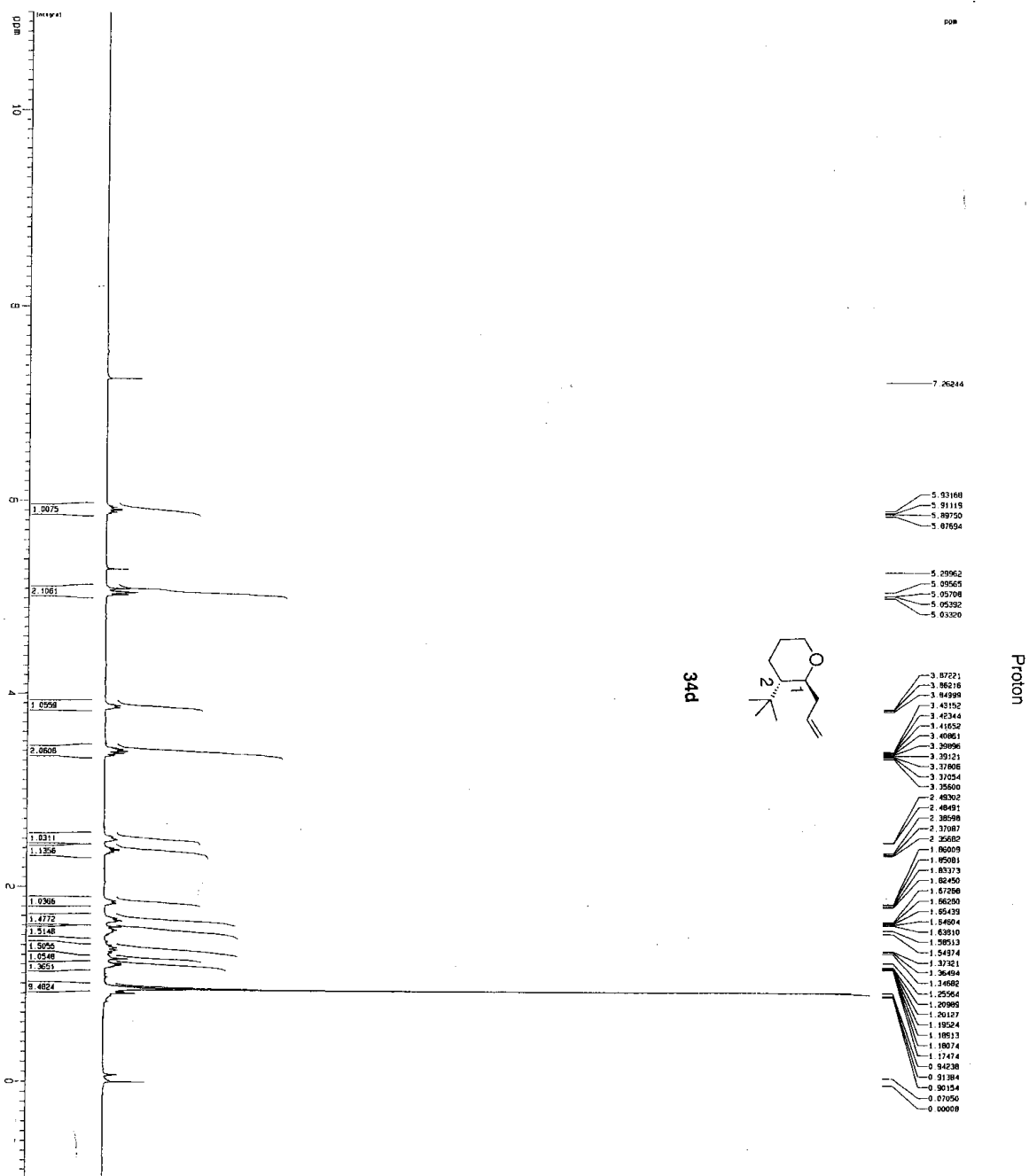


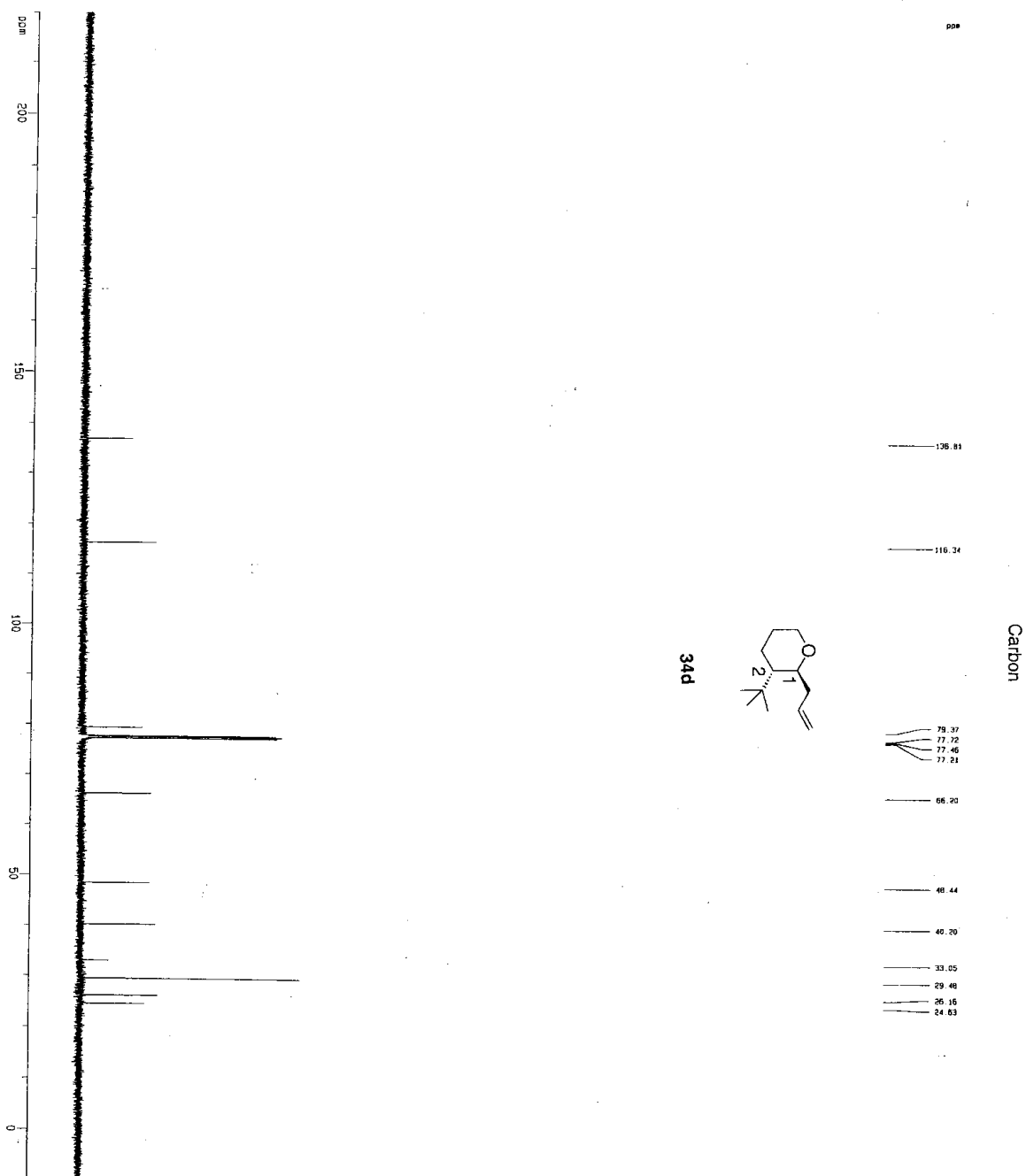


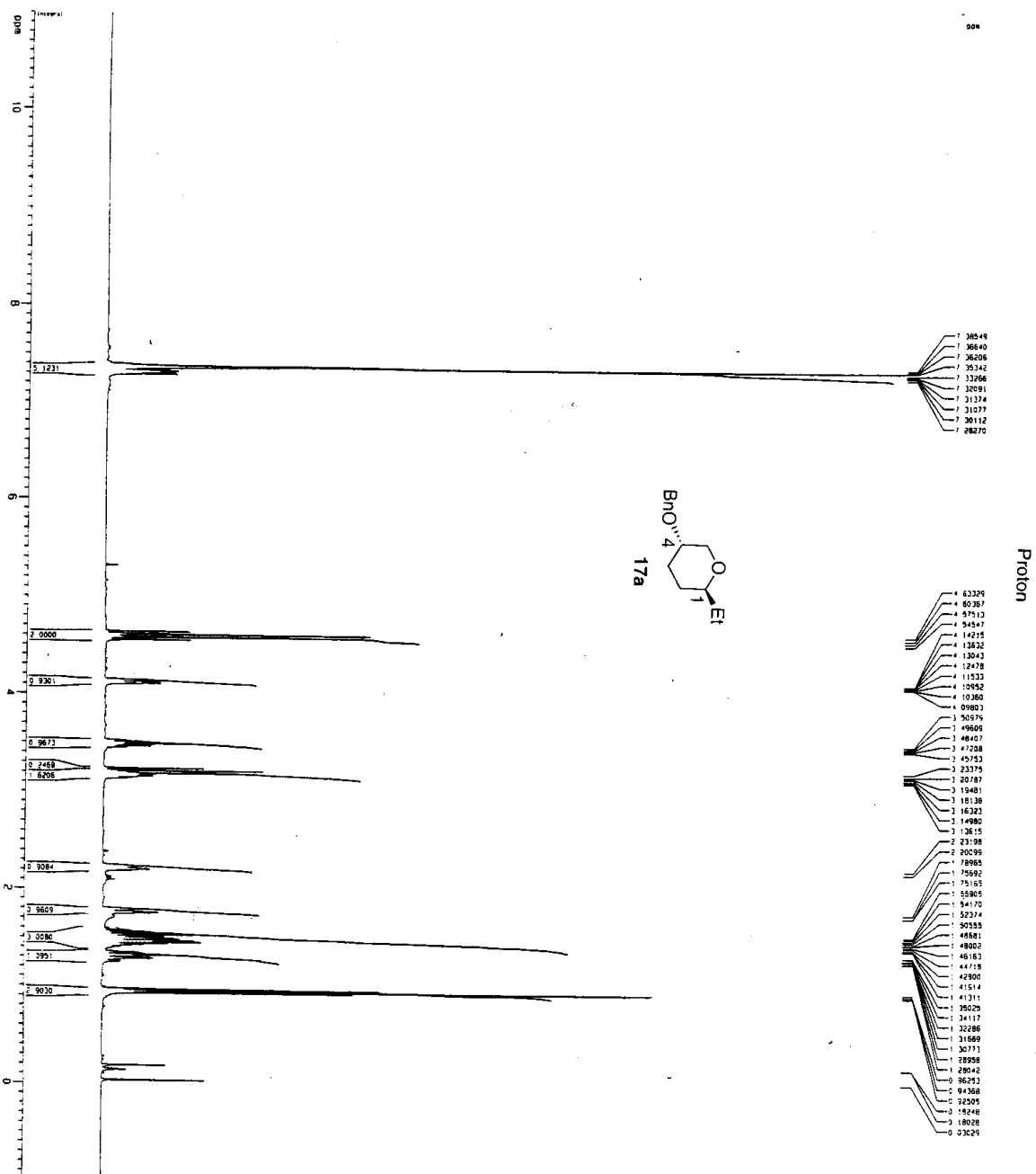


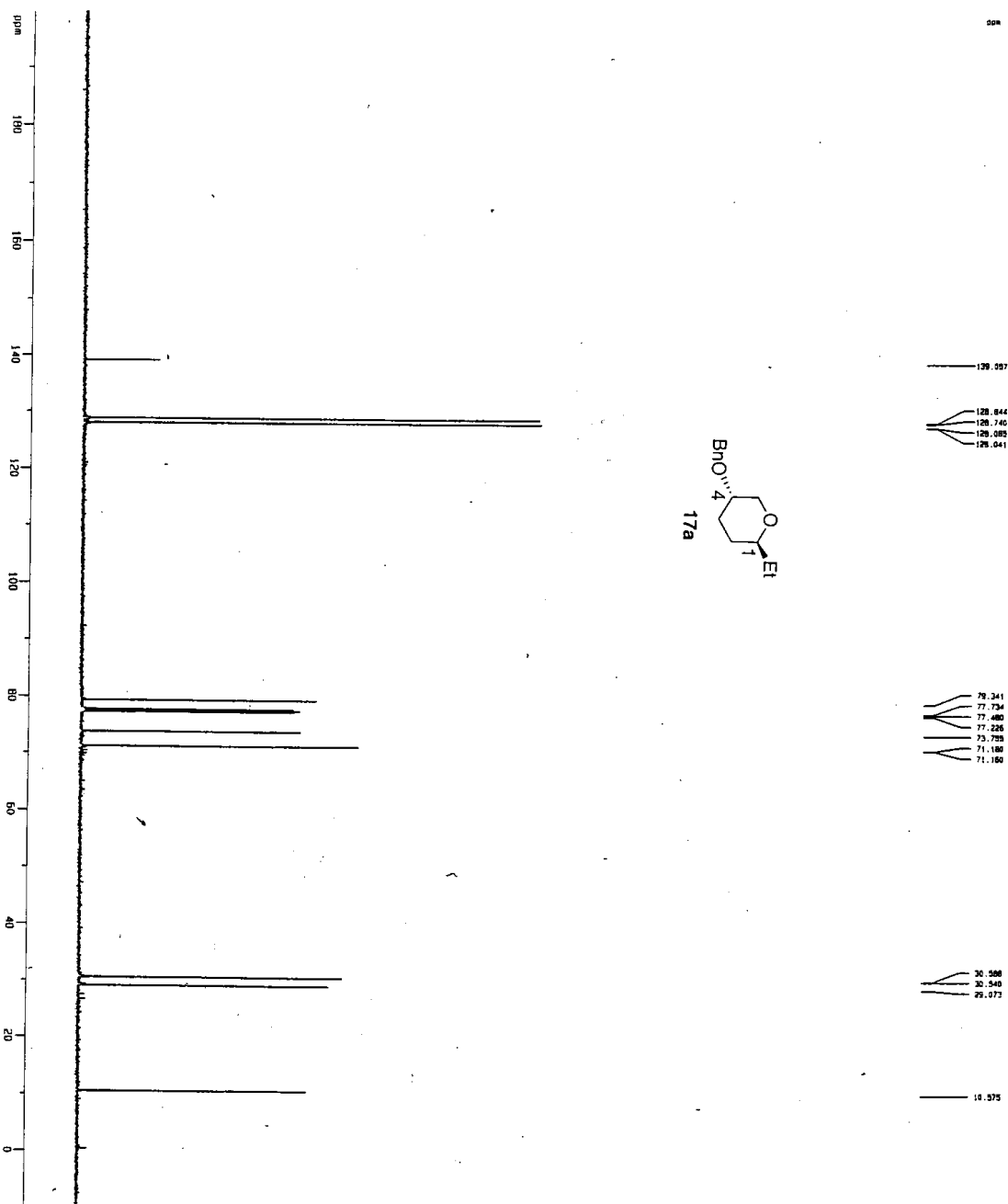


Carbon

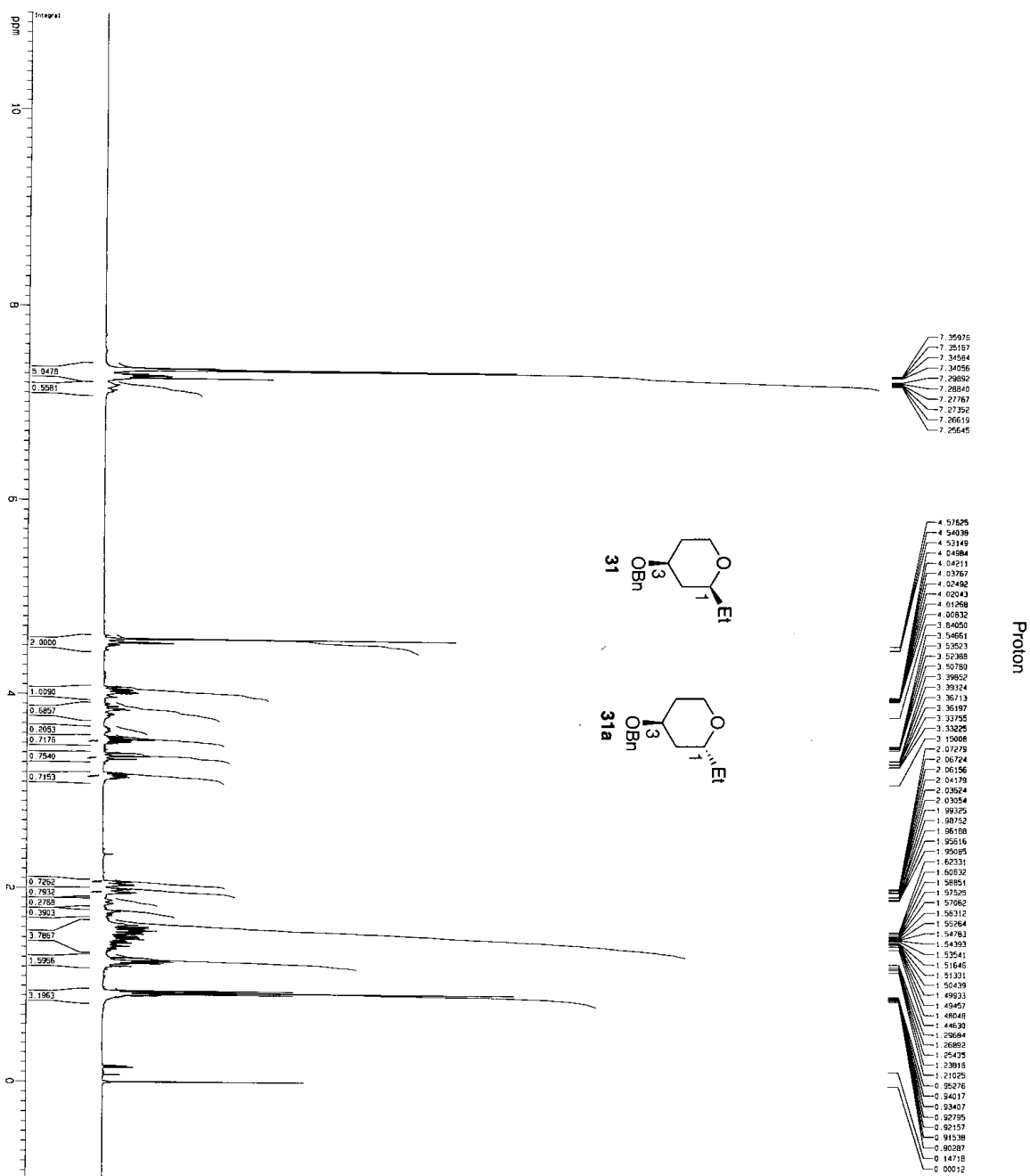


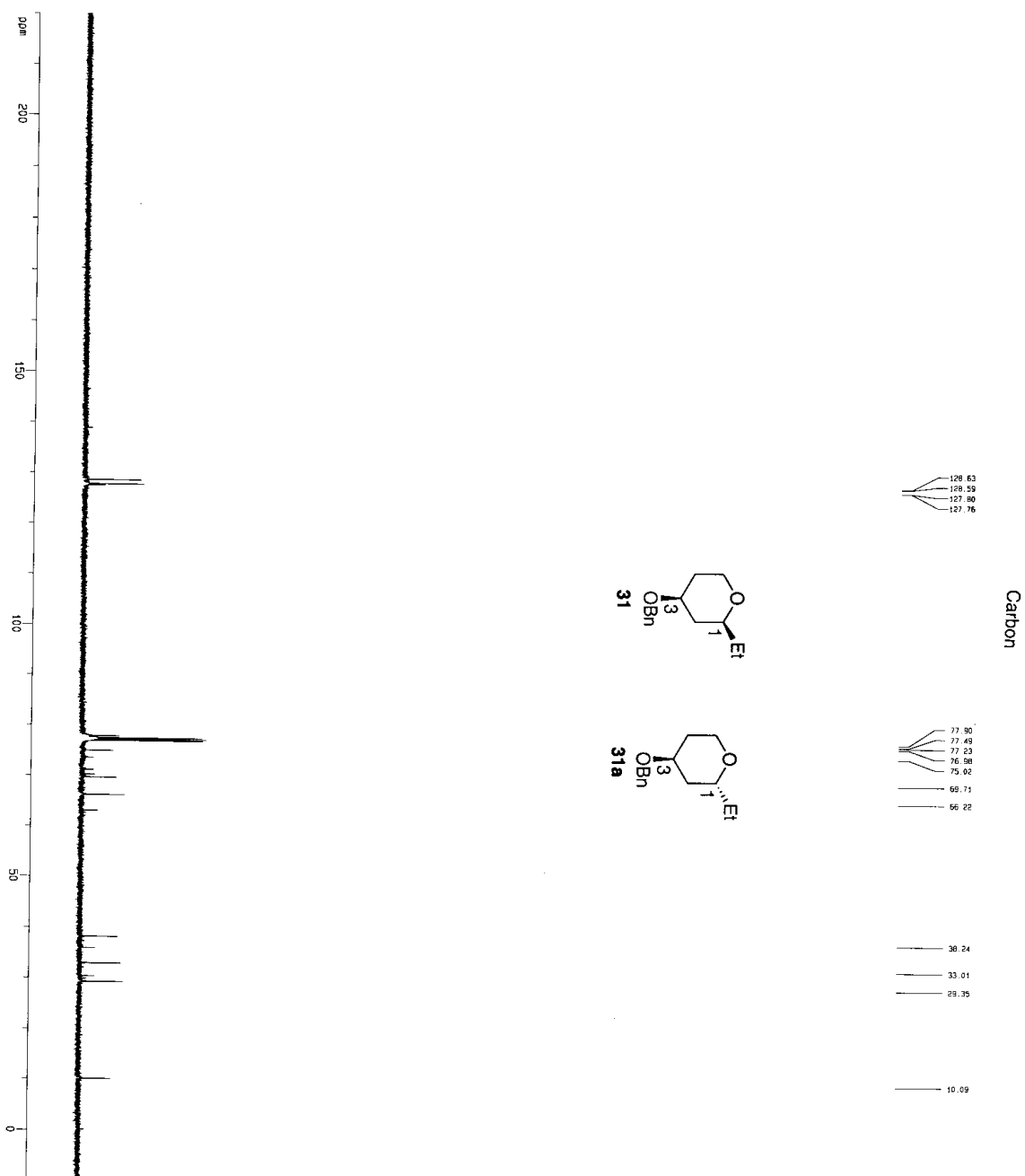


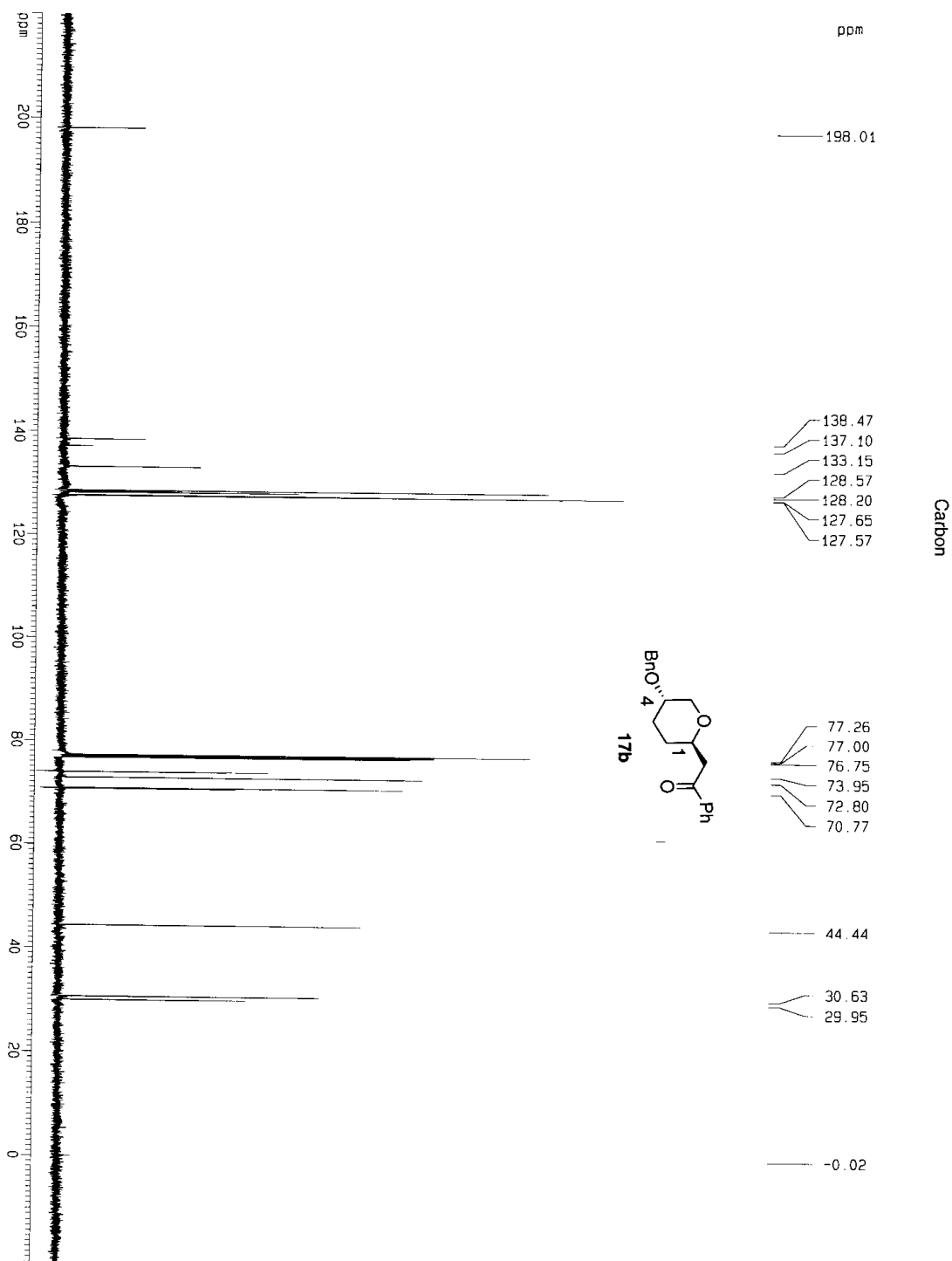


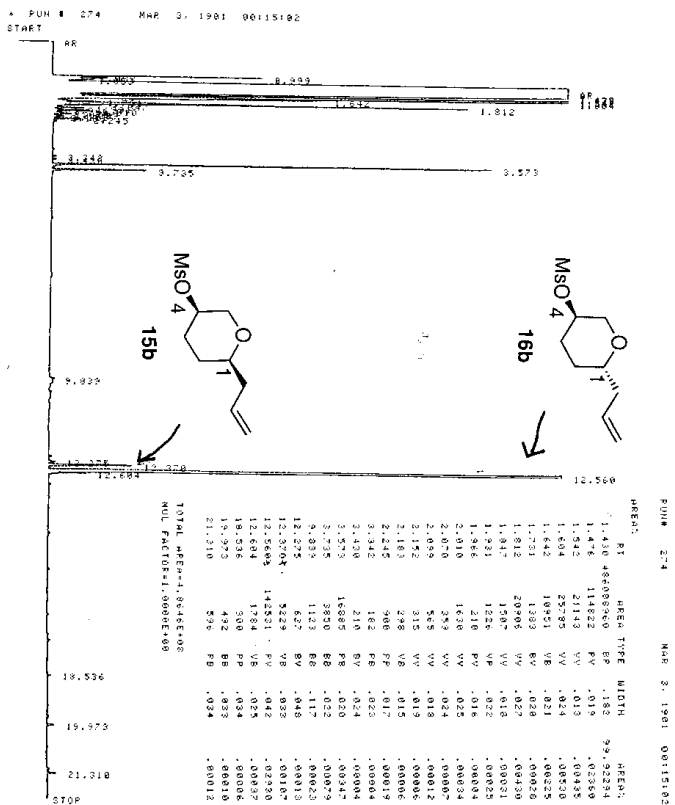
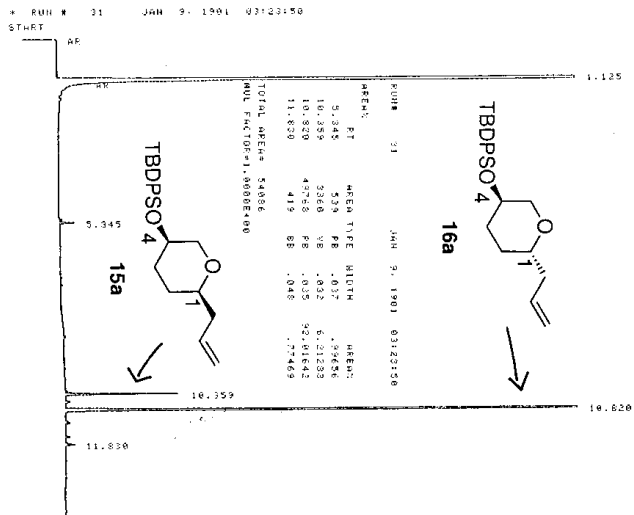


Carbon

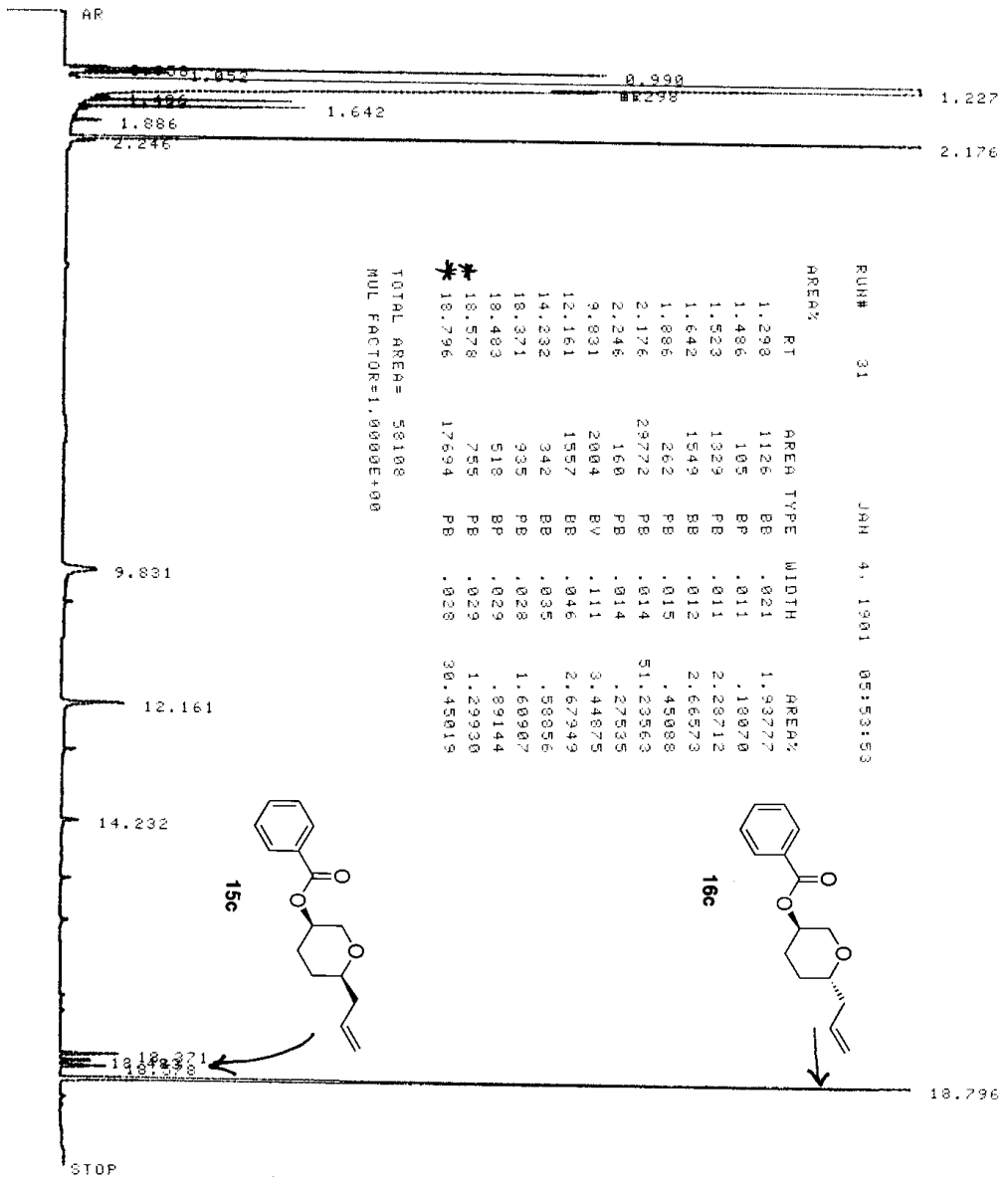








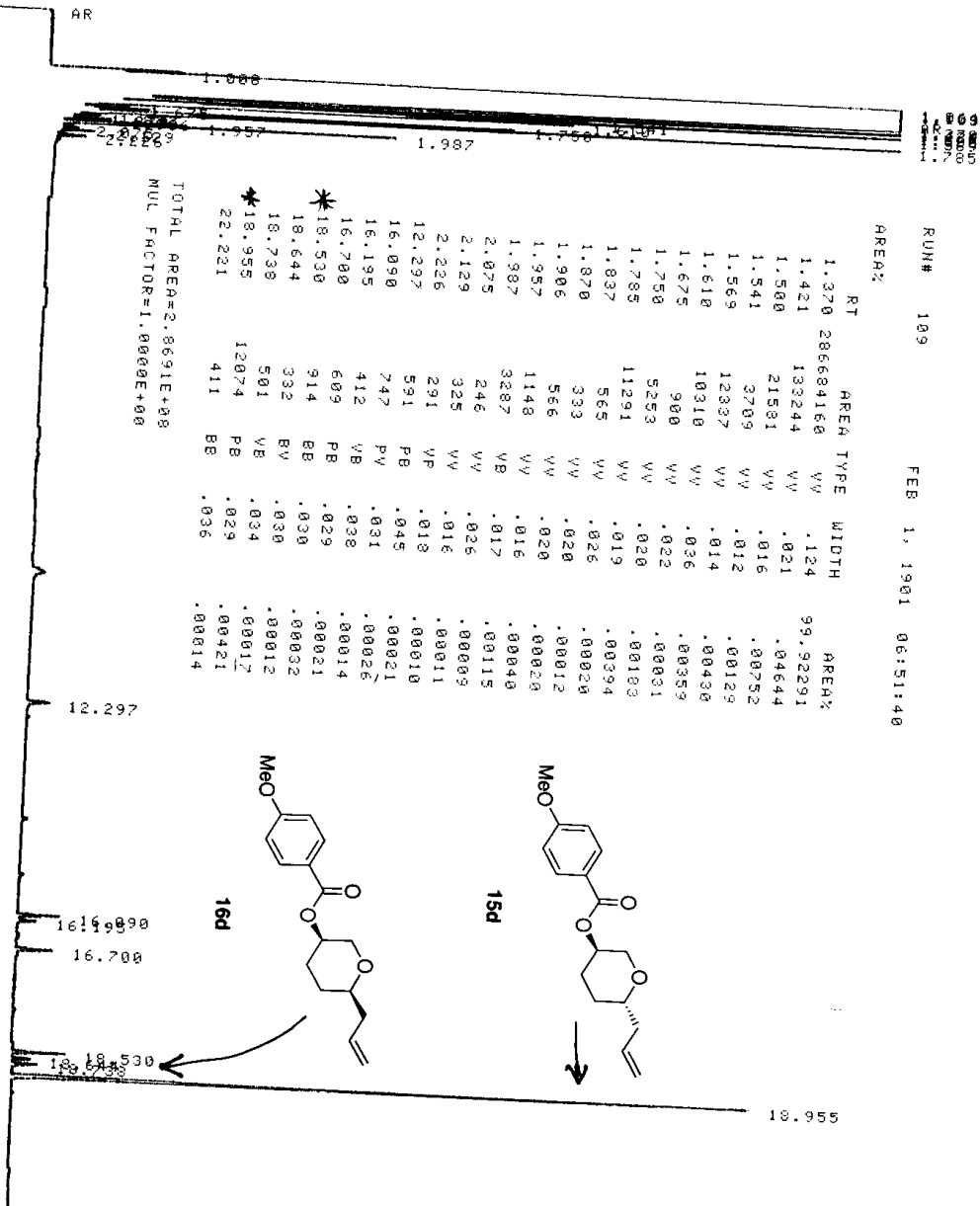
* RUN # 31 JAN 4, 1901 05:53:53
 START



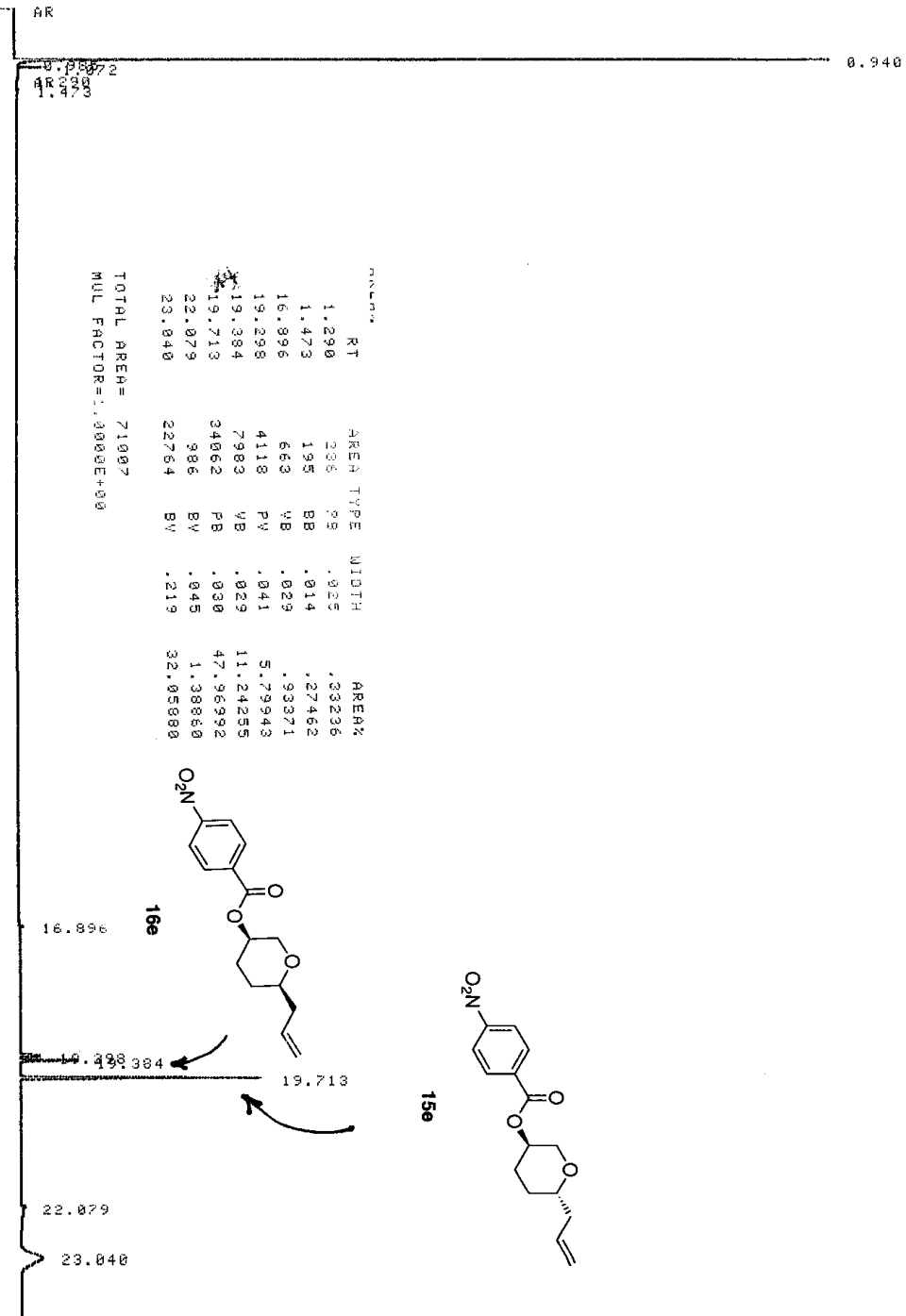
RT	AREA	TYPE	WIDTH	AREA
1.298	1126	BB	.021	1.93777
1.486	105	BP	.011	.18070
1.523	1329	PB	.011	2.28712
1.642	1549	BB	.012	2.68573
1.886	262	PB	.015	.45088
2.176	29772	PB	.014	51.23563
2.246	160	PB	.014	.27535
9.831	2004	BP	.111	3.44875
12.161	1557	BB	.046	2.67949
14.232	342	BB	.035	.53856
18.371	935	PB	.028	1.60907
18.493	518	BP	.029	.89144
18.578	755	PB	.029	1.29930
18.796	17694	PB	.028	30.45819

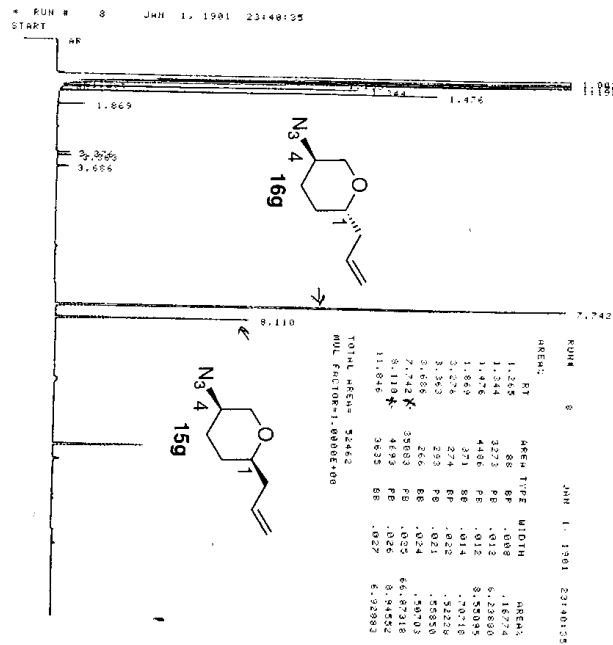
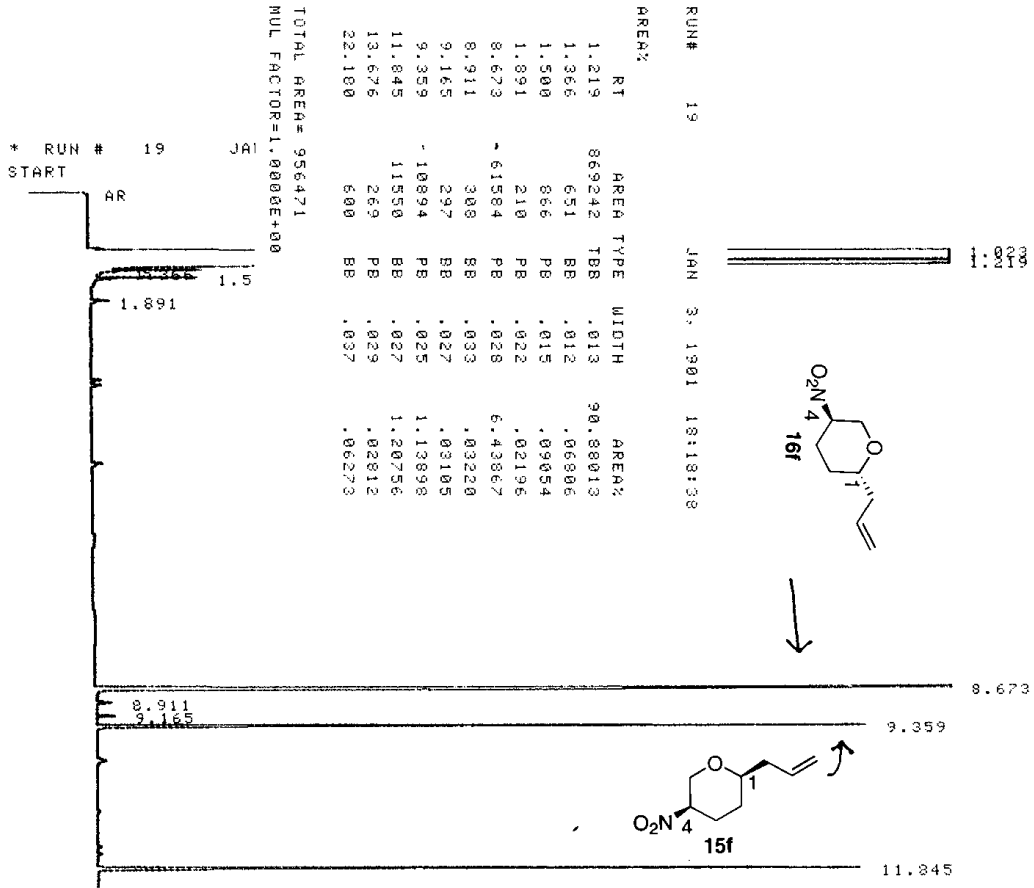
TOTAL AREA= 58108
 MUL FACTOR=1.0000E+00

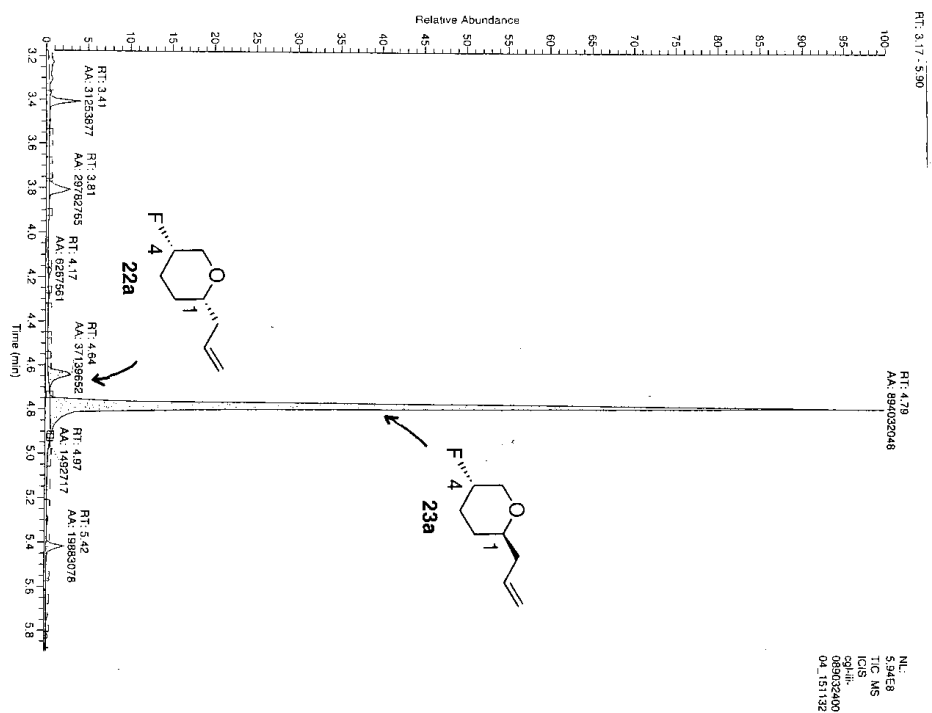
* RUN # 109 FEB 1, 1901 06:51:40
 START

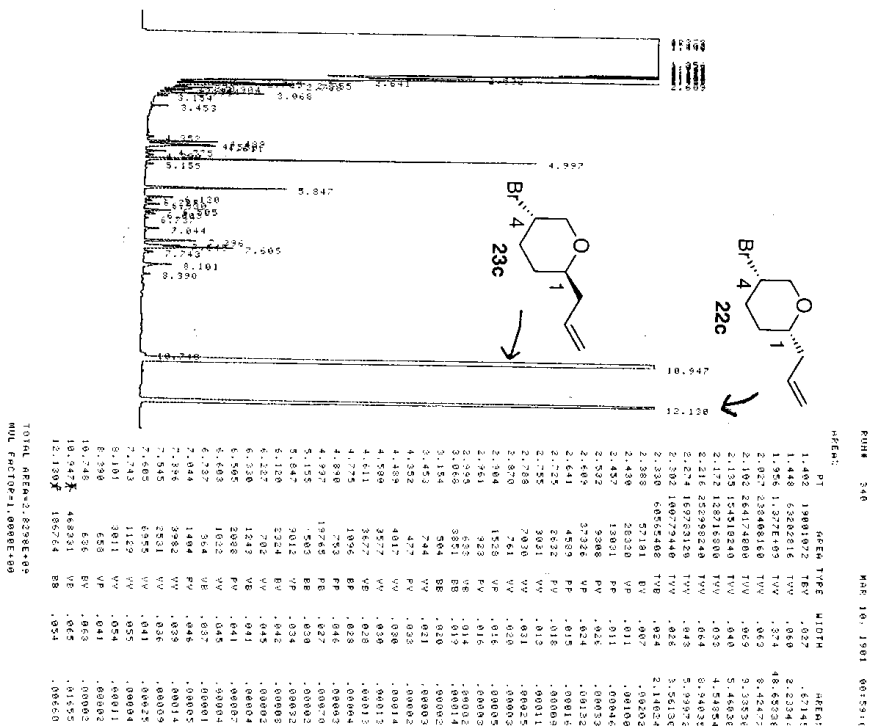
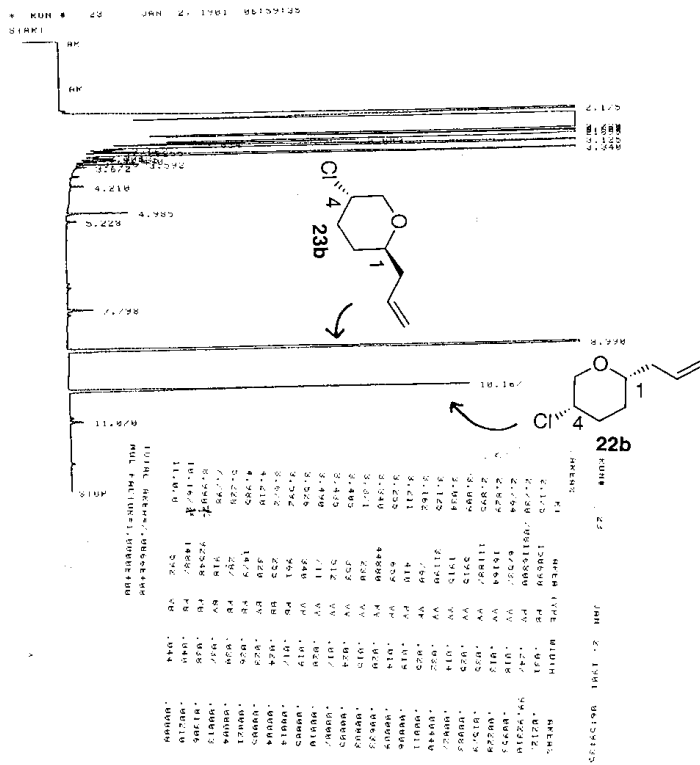


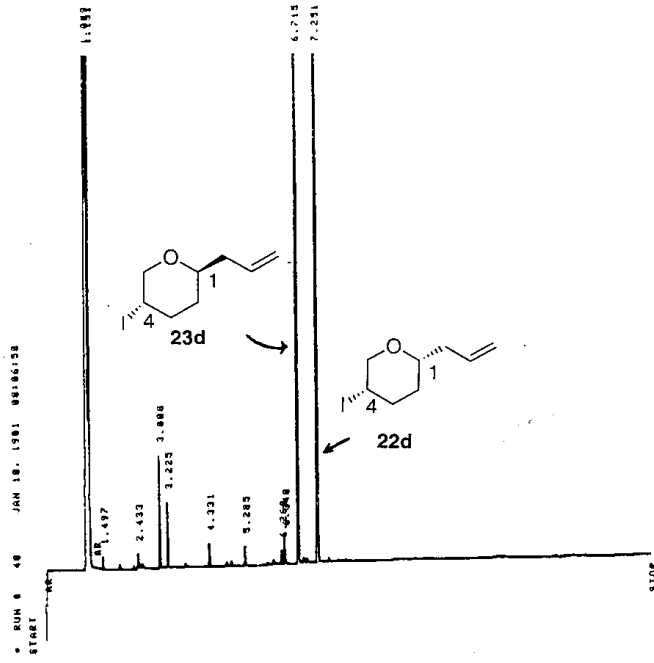
* RUN # 313 FEB 23, 1981 07:02:04
 START







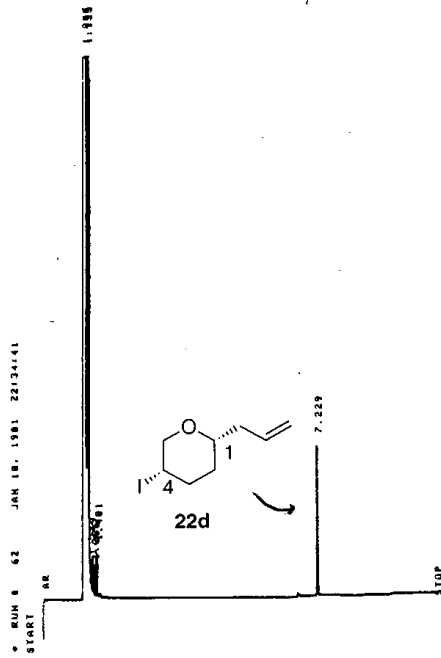




RUN# 48 JAN 18, 1991 08:06:58

AREAX	RT	AREA	TYPE	WIDTH	AREAX
1.497	151	151	PS	.813	.87228
2.433	428	428	PS	.834	.23856
3.225	2063	2063	PS	.820	.93727
4.321	1283	1283	SV	.828	.97524
5.283	487	487	PS	.823	.23287
6.715	458	458	PV	.825	.21980
7.231	361	361	PP	.828	.17262
	643	643	PS	.828	.38746
	57879	57879	PS	.825	27.23312 b
	146268	146268	PS	.829	63.94886 a

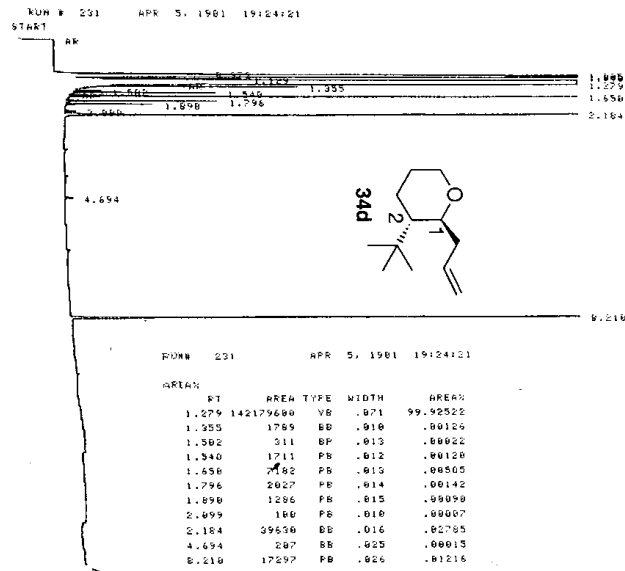
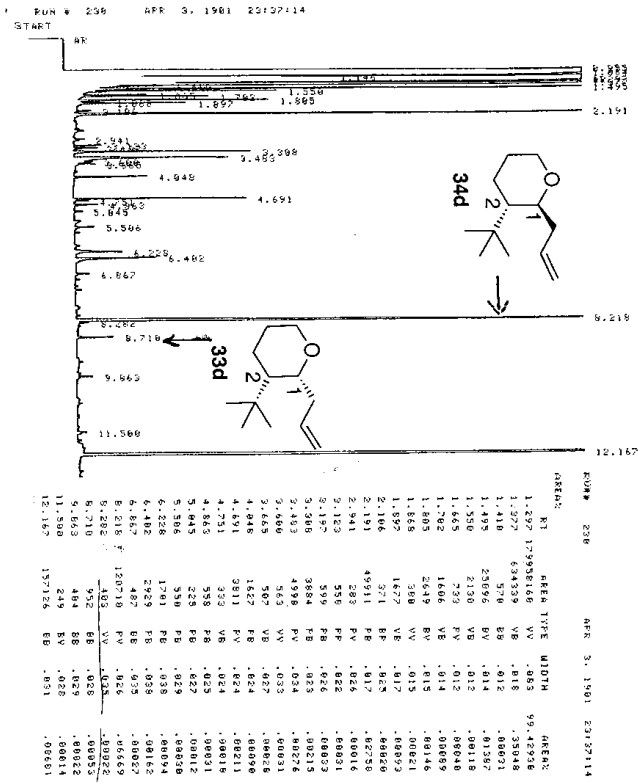
TOTAL AREA= 289131
MUL FACTOR=1.0000E+08



RUN# 62 JAN 18, 1991 22:34:41

AREAX	RT	AREA	TYPE	WIDTH	AREAX
1.495	528	528	PS	.817	12.83178
7.229	442	442	PS	.818	9.12688
	3473	3473	PS	.826	78.84224 q

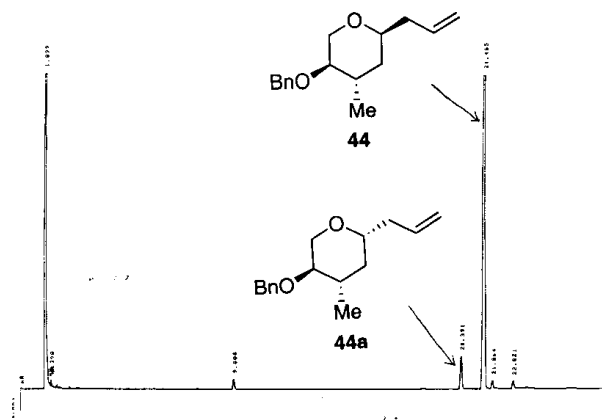
TOTAL AREA= 4495
MUL FACTOR=1.0000E+08

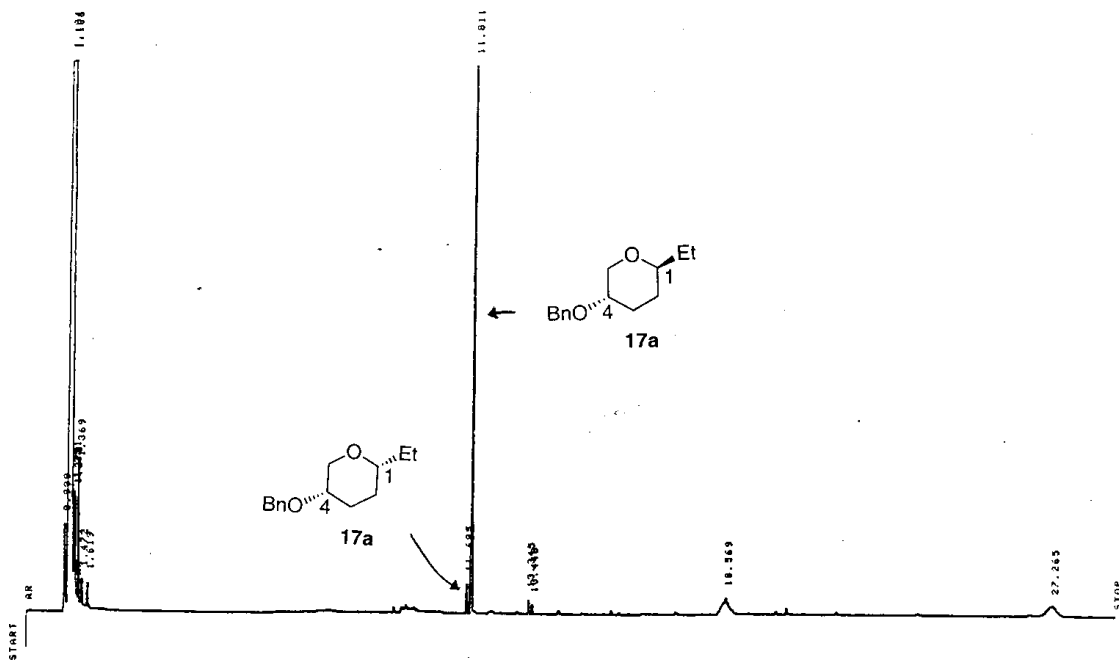


RUN# 1262 JUL 20 1991 04187116

RT	AREA	TIME	WIDTH	AREA1
1.334	184	FB	.019	1.9497
9.309	1330	BB	.964	1.42575
20.391	4763	DB	.996	5.03678
* 21.485	79104	BB	1.980	94.23920
21.864	1167	PV	.045	1.24354
26.821	1221	FB	.183	1.20188
59.395	6046	BB	.114	6.44254

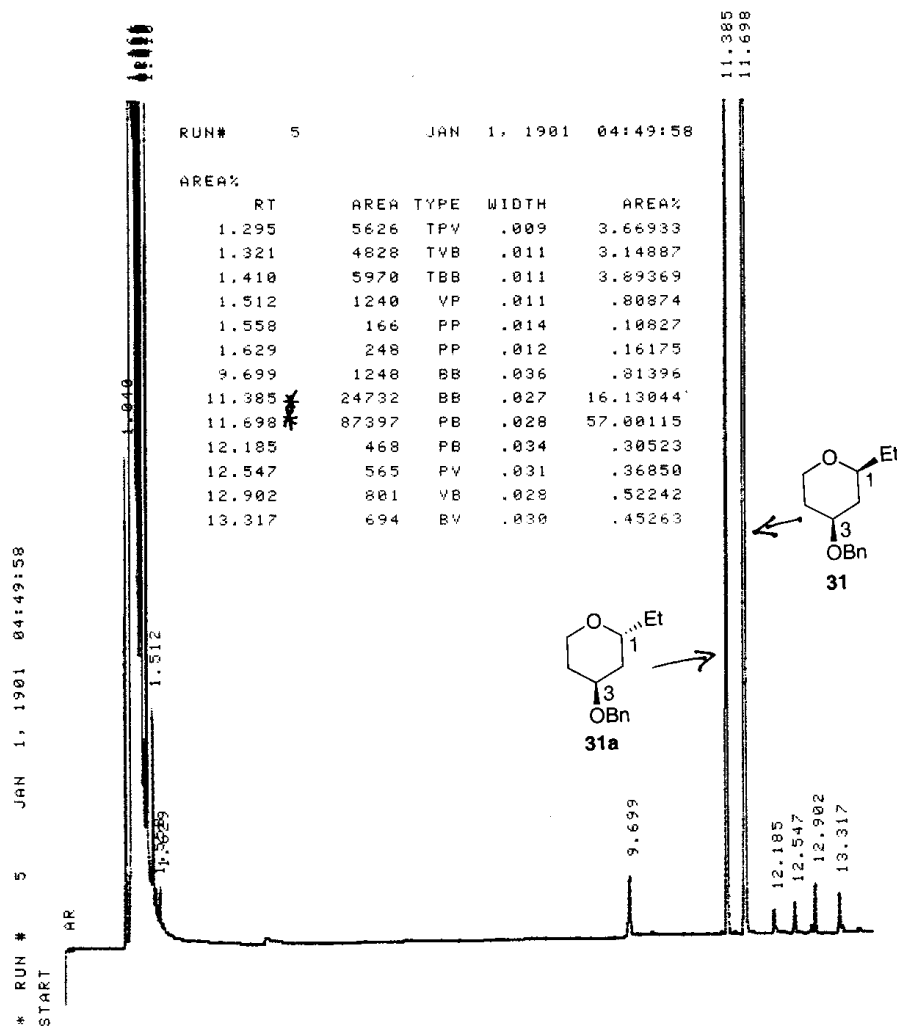
TOTAL AREA= 93645
MUL FACTOR=1.0000E+00

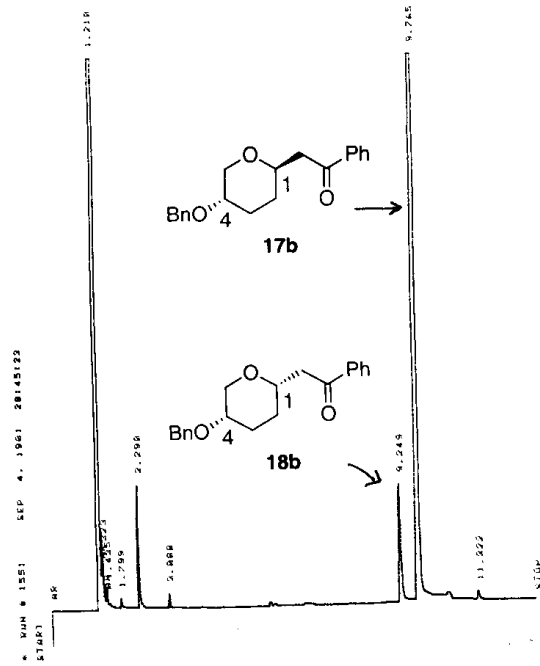




RT	AREA	TYPE	WIDTH	AREA%
1.278	1251	VP	.016	2.78210
1.369	2130	PB	.017	4.73691
1.472	582	BB	.025	1.29431
1.619	461	BB	.020	1.02522
11.685	715	PB	.028	1.59009
11.811	33429	BB	.027	74.34285
13.345	362	PB	.028	.80505
13.448	233	PB	.028	.51817
18.569	3099	BV	.216	6.89188
27.265	2704	BP	.296	6.01343

TOTAL AREA= 44966
 MUL FACTOR=1.0000E+00





NUM 1551 SEP 4 1981 20145122

PPM	INTEG	AREA	TYPE	MULTI	ORIG
1.218	6.64	1.000	MM	1.000	1.00000
1.445	2.98	1.000	MM	1.000	1.00000
1.788	2.44	1.000	MM	1.000	1.00000
2.298	2.65	1.000	MM	1.000	1.00000
3.888	5.25	1.000	MM	1.000	1.00000
5.245	6.42	1.000	MM	1.000	1.00000
7.245	10.22	1.000	MM	1.000	1.00000
7.611	5.47	1.000	MM	1.000	1.00000
8.013	5.47	1.000	MM	1.000	1.00000

TOTAL AREA 18.749
MUL FACTORS: 1.000000

3.71795
92.6154 } 96.46949 96:4