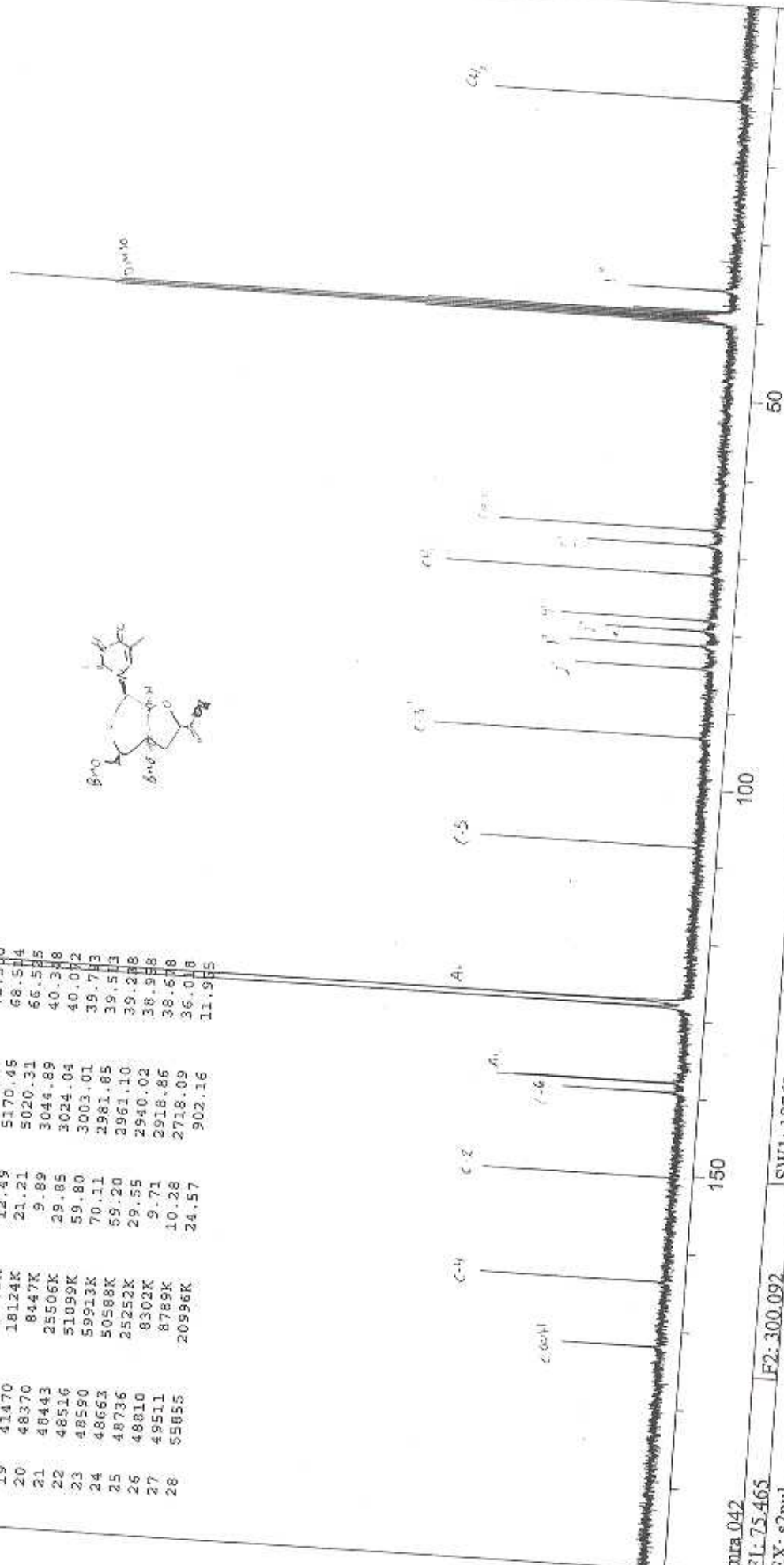
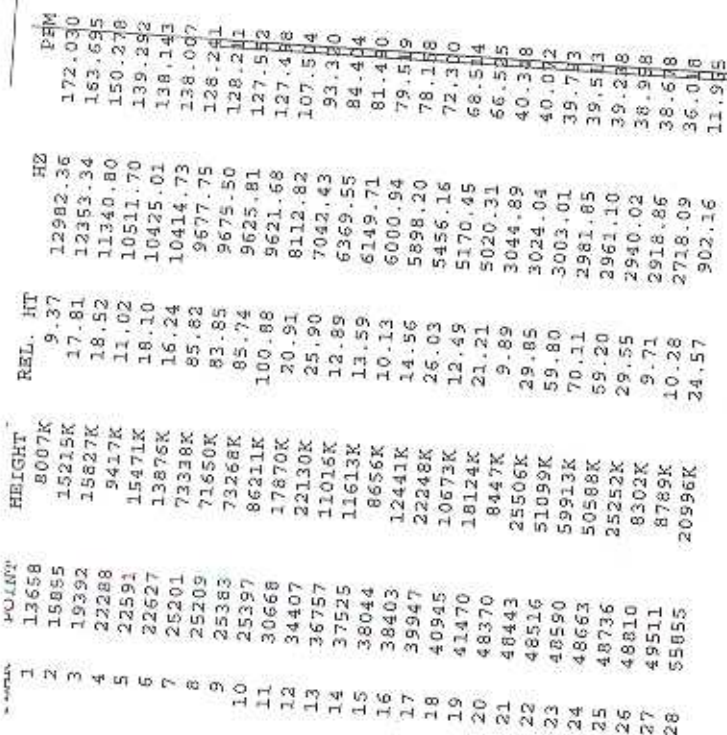
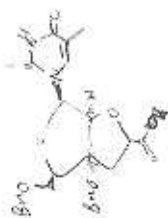


Compound 6



mura_042

RI: 75.465

EX-2011
F2: 300.092

SW1: 18762

PW: 8.8 μ sec

PD: 1.2 sec

QF1:7511.5

NA: 1024

LB: 10

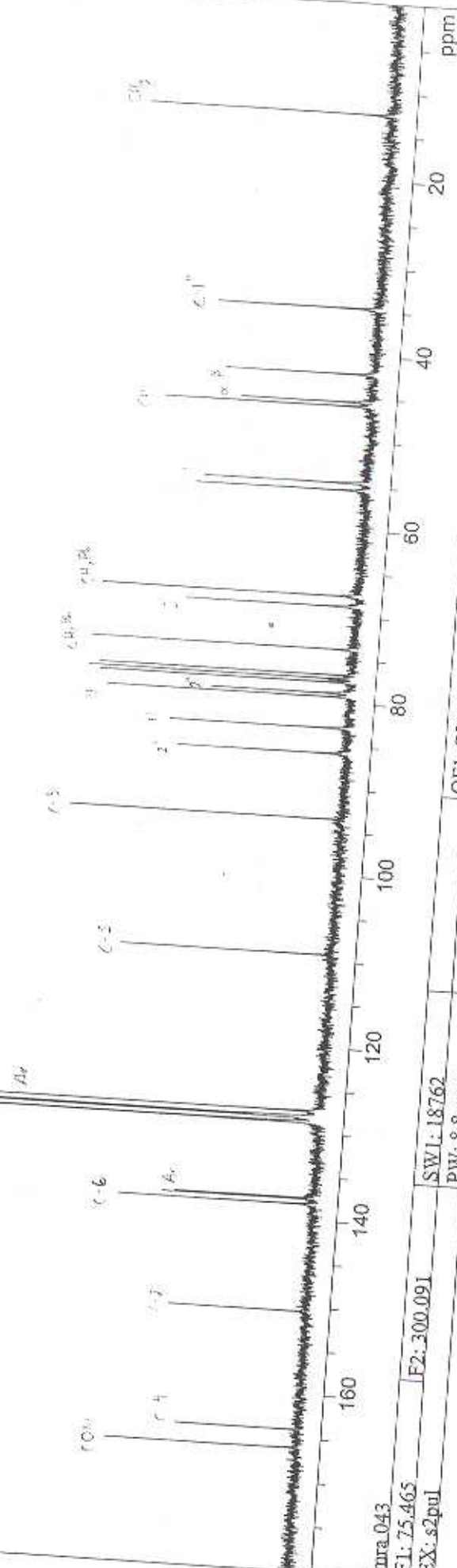
PTSID: 65536

USER: _____ DATE: _____

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Compound 7

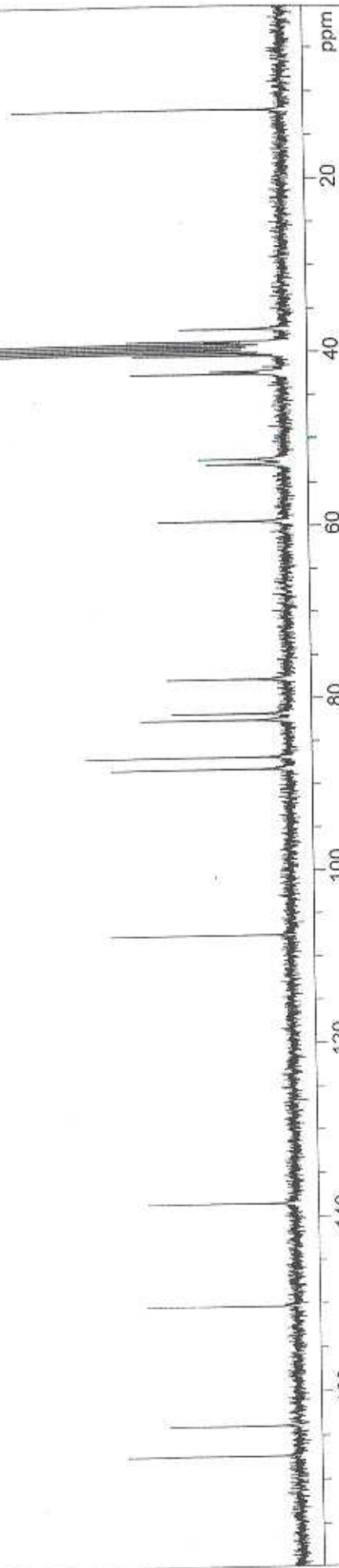
REL. HT	HZ	PPM
28.24	12530.68	166.046
17.74	12371.93	163.942
19.66	11352.71	150.437
27.99	10421.43	138.096
23.02	10376.85	137.505
20.32	10365.52	137.355
93.08	9709.66	128.664
100.25	9703.94	128.588
50.32	9666.57	128.093
58.24	9660.71	128.016
97.96	9653.81	127.924
96.90	9609.31	127.734
30.87	8239.18	109.181
39.36	7050.43	93.426
24.24	6477.04	85.828
25.65	6255.19	82.889
35.01	5981.87	79.267
20.00	5950.05	78.845
36.26	5853.35	77.565
37.28	5821.47	77.144
36.26	5789.72	76.720
37.07	5564.86	73.741
24.40	5192.11	68.804
37.00	5100.03	67.581
24.29	4178.18	55.366
23.23	4114.73	54.517
29.66	3460.13	45.851
18.83	3424.43	45.378
21.19	3180.01	42.139
23.00	2613.58	34.633
35.07	936.02	12.403



mra.043
 F1: 75.465
 EX: s2pul
 F2: 300.091
 SWH: 18762
 PW: 8.8 usec
 PD: 1.2 sec
 OF1: 7552.7
 NA: 1024
 LB: 1.0
 PTSId: 65536
 USER: DATE: Oct 25 2001
 ppm

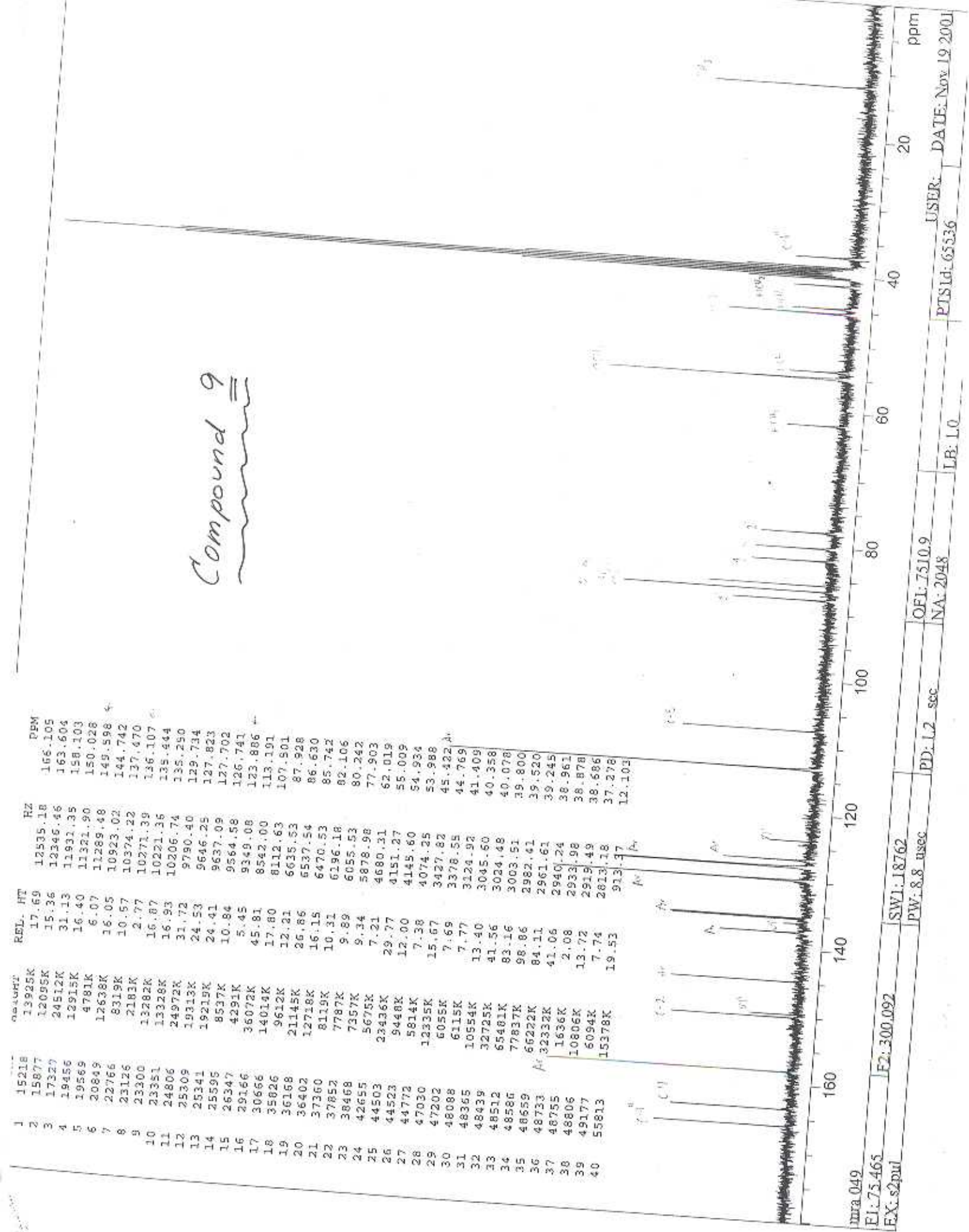
PEAK	POINT	HEIGHT	REL. HT	HZ	PPM
1	14948	14922K	17.06	13620.99	167.242
2	15845	11251K	12.87	12364.14	163.838
3	19430	13101K	14.98	11337.83	150.239
4	22536	12706K	14.52	10448.62	138.456
5	30701	15651K	17.90	8111.03	107.480
6	35785	15300K	17.50	6855.57	88.194
7	36145	17518K	20.03	6552.71	86.831
8	37278	12739K	14.57	6228.18	82.530
9	37476	10036K	11.48	6171.47	81.779
10	38530	10471K	11.98	5889.84	77.782
11	43352	10984K	12.56	4489.28	59.488
12	45085	6811K	7.79	3993.11	52.913
13	45242	7508K	8.59	3948.16	52.317
14	45264	3258K	3.73	3941.98	52.236
15	47812	13217K	15.11	3212.61	42.571
16	47885	6378K	7.29	3191.64	42.293
17	48373	12905K	14.76	3052.02	40.443
18	48447	37337K	42.70	3030.67	40.160
19	48520	74633K	85.35	3009.89	39.884
20	48593	86494K	98.92	2988.86	39.606
21	48667	73488K	84.04	2967.63	39.324
22	48740	37033K	42.25	2946.82	39.049
23	48781	6854K	7.84	2935.13	38.894
24	48813	13478K	15.41	2925.81	38.770
25	49183	9029K	10.33	2819.99	37.368
26	55855	23317K	26.66	909.89	12.057

Compound 8



USER: DATE: Nov 9 2001
 OF1: 7519.4
 OF1: 1506.6
 DM50
 mra 047
 F1: 75.465
 F2: 300.092
 SW1: 18762
 PW: 8.8 usec
 EX: s2pul
 ppm

Compound 9



USER: DATE: Nov 19 2001

PTSId: 65536

LB: L0

OFL: 7510.9

NA: 2048

PD: L2 sec

SW1: J18762

PW: 8.8 usec

F2: 300.092

nmra 049

El: 75.465

EX: s2pul

MDS 11P frak 9
A6231

Pulse Sequence: s2pul

Solvent: DMSO
Ambient temperature
Mercury-30088 "mercury"

PULSE SEQUENCE

Pulse 35.0 degrees

Acq. time 1.600 sec

Width 26729.3 Hz

1024 repetitions

OBSERVE F31, 121.4738925 MHz

DECOUPLE D1, 300.0600959 MHz

Power 38.0 dB

continuously on

WALTZ-16-modulated

DATA PROCESSING

line broadening 2.0 Hz

FT size 131072

Total time 33 min, 25 sec

142.8; 142.7

Compound 5

14.235

ppm

20

30

40

50

60

70

80

90

100

110

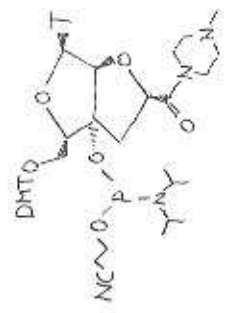
120

130

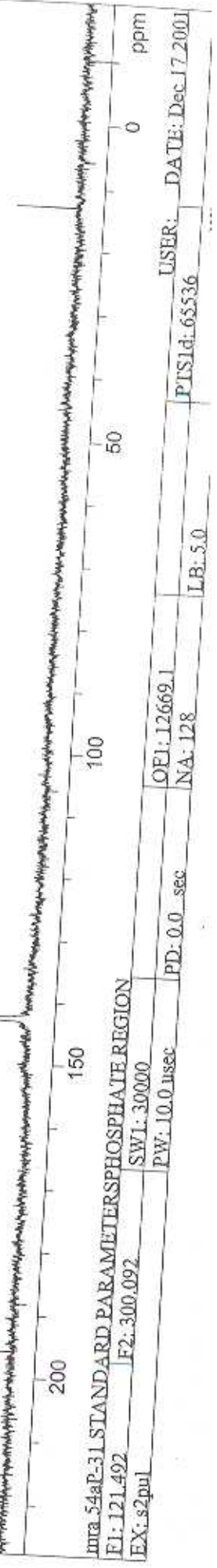
140

150

POINT	HEIGHT	REL. HT	HZ	PPM
1	22525	62.00	17357.93	142.874
2	22589	97.07	17328.98	142.635
3	57009	6.18	1572.48	12.943



Compound 10



intra 54aP-31 STANDARD PARAMETERS PHOSPHATE REGION
 F1: 121.492 F2: 300.092
 EX: s2pul

SW1: 30000
 PW: 10.0 usec
 PD: 0.0 sec

OF1: 12669.1
 NA: 128

LB: 5.0

PTS1d: 65536
 USER:

DATE: Dec 17 2001