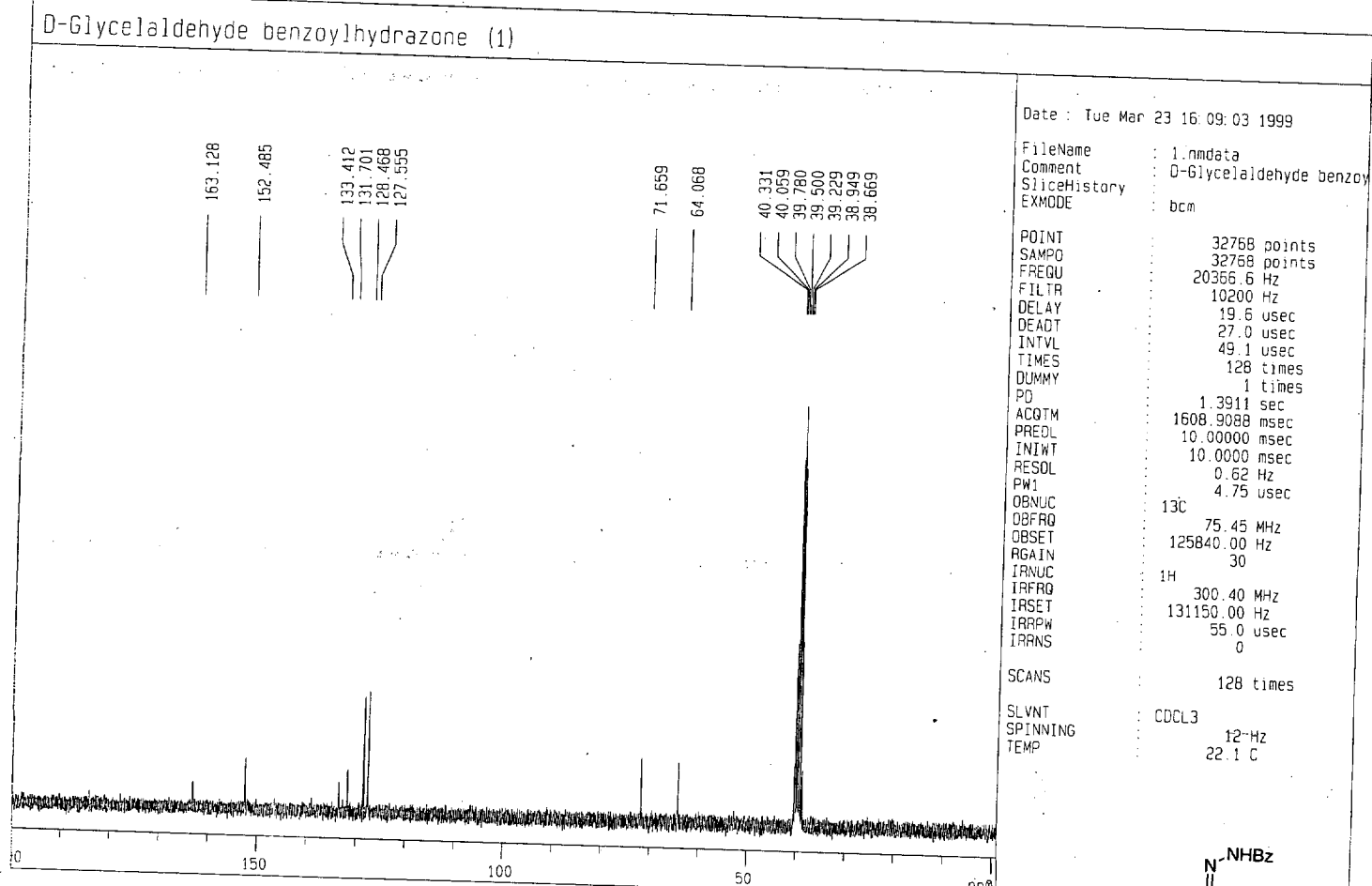
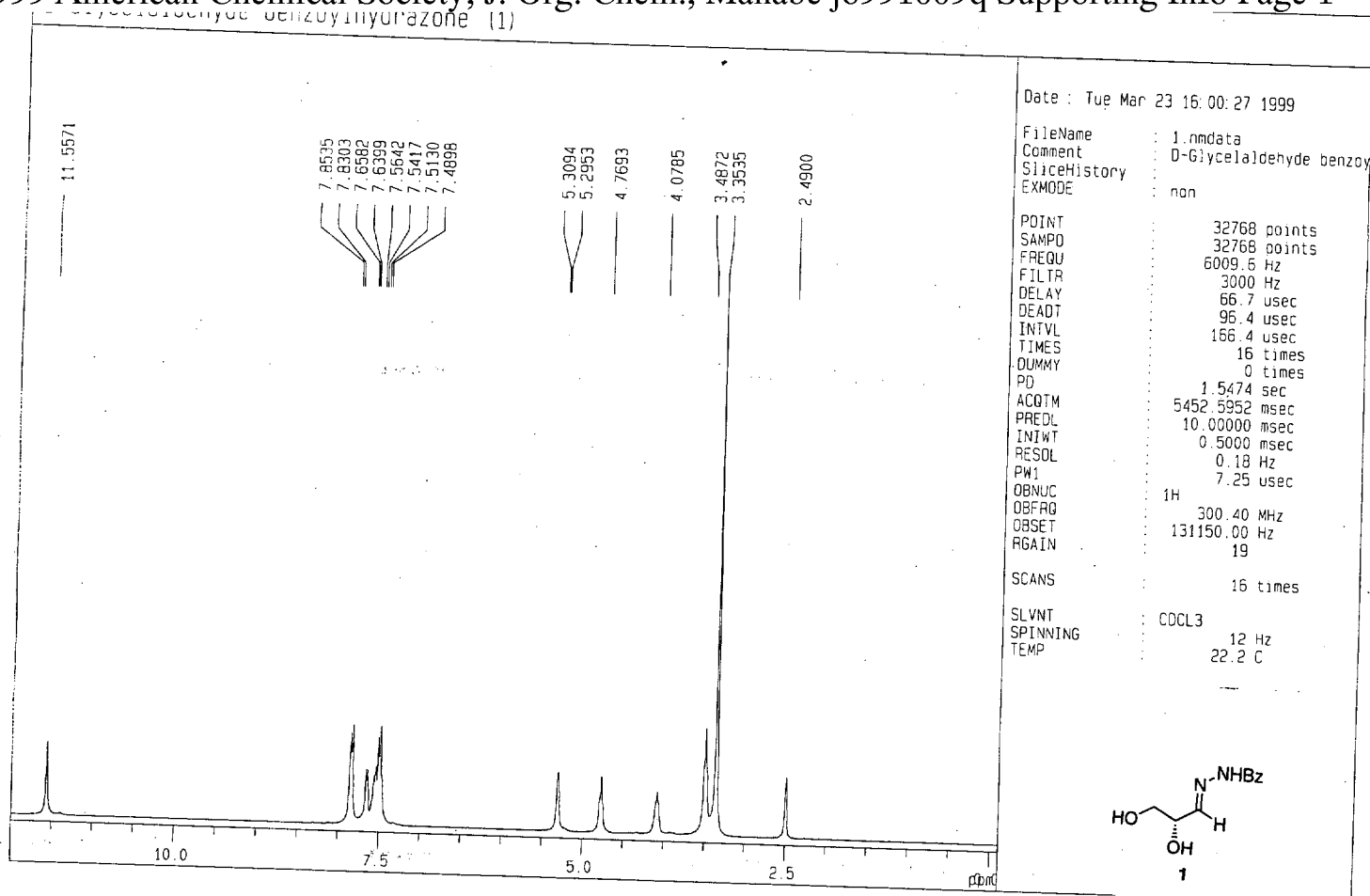
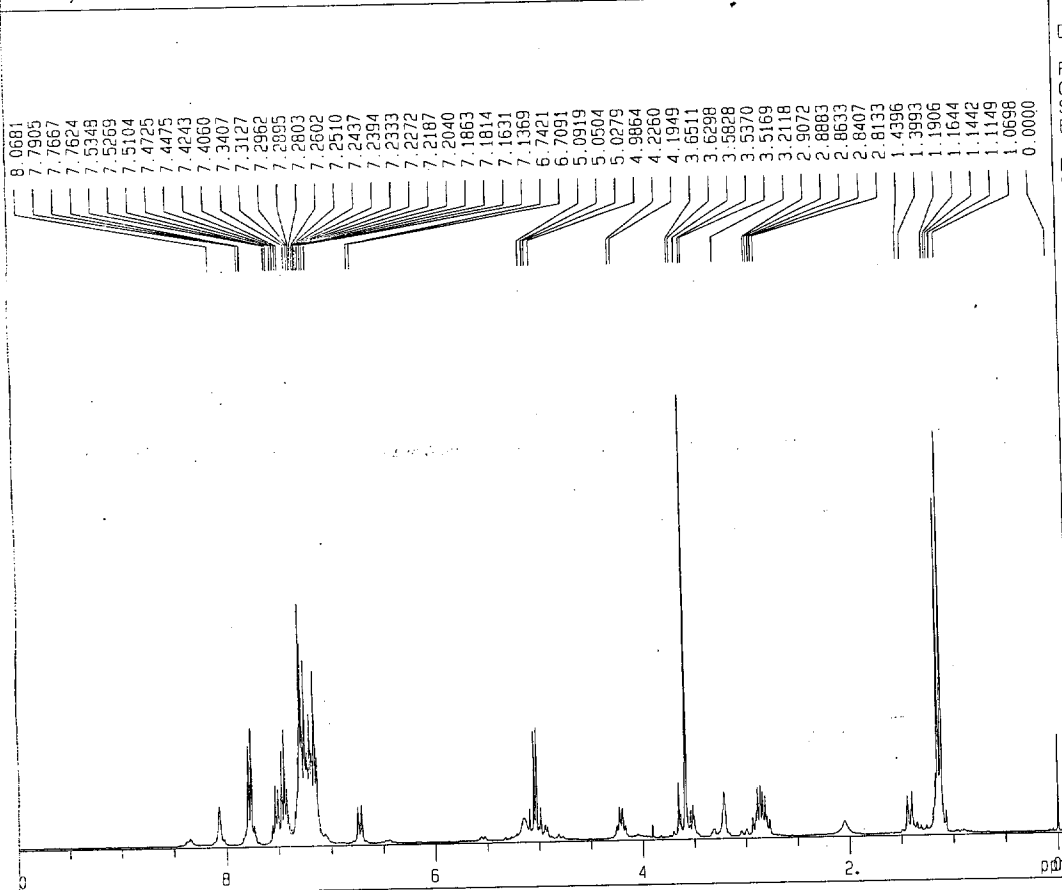




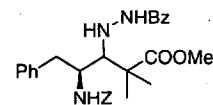
Methyl 3-(N'-benzoylhydrazino)-4-benzyloxycarbonylamino-2,2-dime



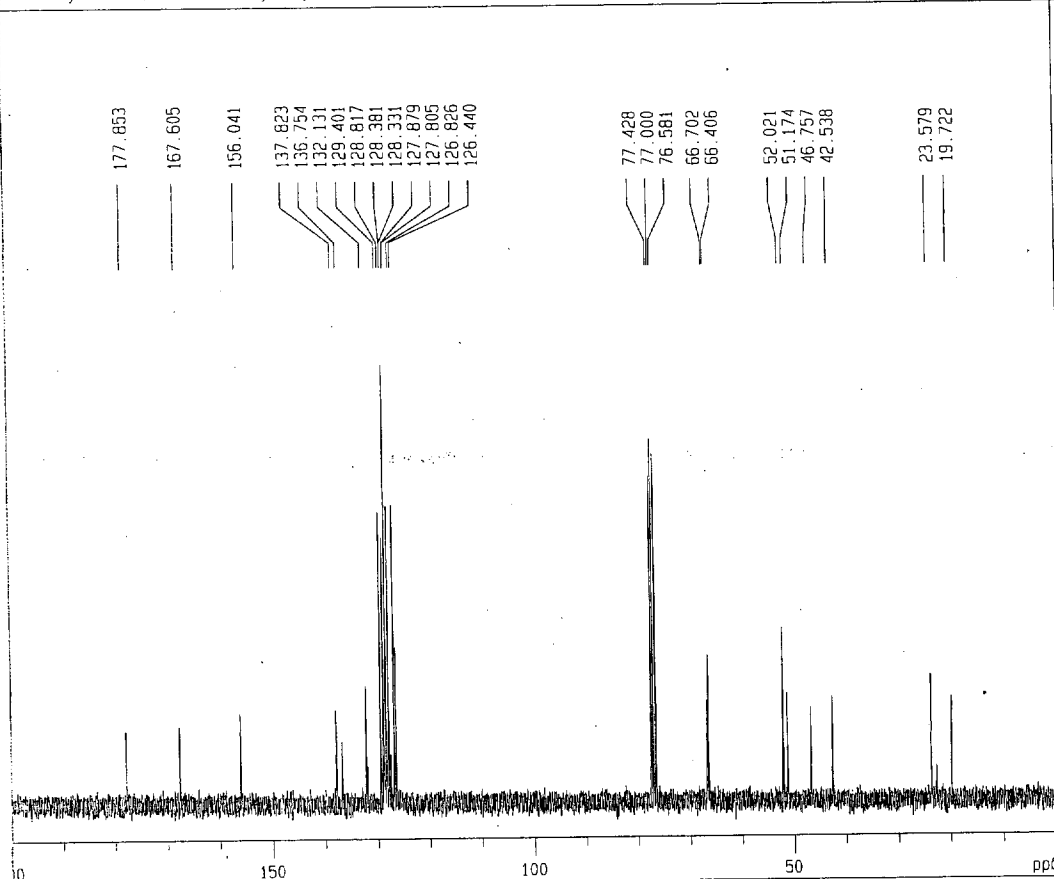
Date: Mon Jun 14 15:38:45 1999

FileName: alana1E.nmdata
 Comment: Methyl 3-(N'-benzoylhydrazino)-4-benzyloxycarbonylamino-2,2-dimethylpentanoate
 SliceHistory: non
 EXMODE: non

POINT: 32768 points
 SAMPO: 32768 points
 FREQU: 6009.6 Hz
 FILTR: 3000 Hz
 DELAY: 66.7 usec
 DEADT: 96.7 usec
 INTVL: 166.4 usec
 TIMES: 8 times
 DUMMY: 1 times
 PD: 1.5474 sec
 ACQTM: 5452.5952 msec
 PREOL: 10.0000 msec
 INIWT: 10.0000 msec
 RESOL: 0.18 Hz
 PW1: 6.70 usec
 OBNUC: 1H
 OBFRQ: 300.40 MHz
 OBSET: 131150.00 Hz
 RGAIN: 15
 SCANS: 8 times
 SLVNT: CDCL3
 SPINNING: 13 Hz
 TEMP: 24.0 C



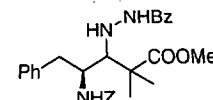
Methyl 3-(N'-benzoylhydrazino)-4-benzyloxycarbonylamino-2,2-dime



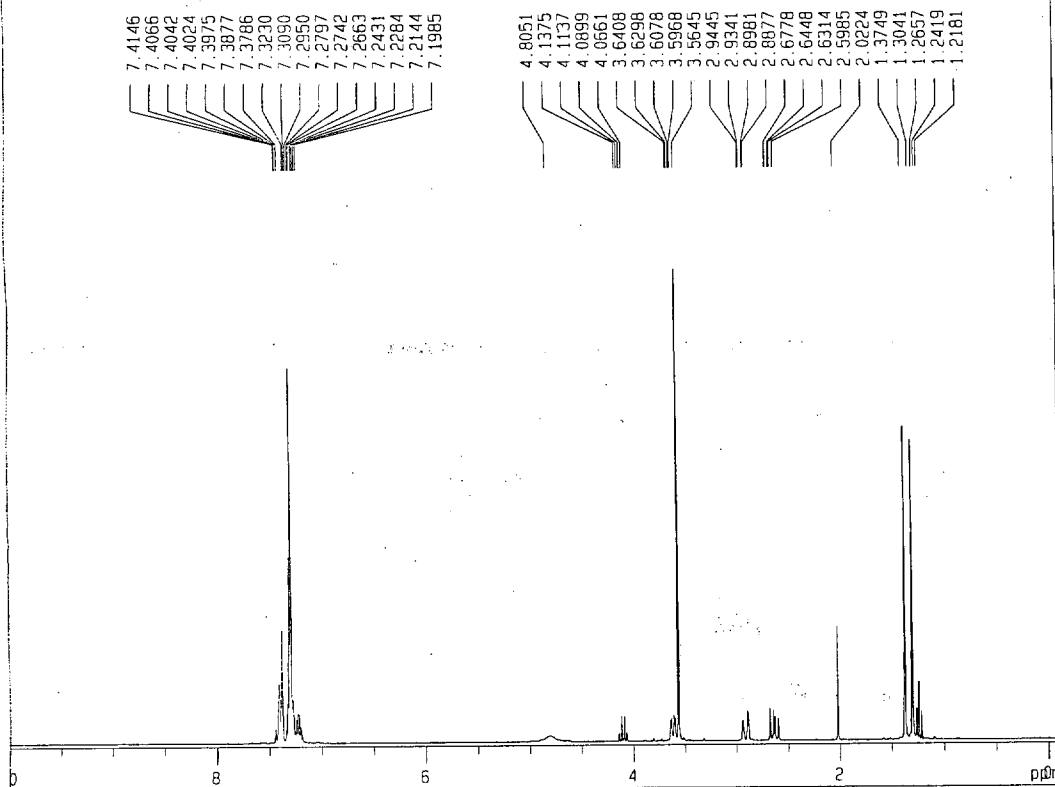
Date: Sat Feb 6 16:24:44 1999

FileName: 898-ue-longC.nmdata
 Comment: Methyl 3-(N'-benzoylhydrazino)-4-benzyloxycarbonylamino-2,2-dimethylpentanoate
 SliceHistory: bcn
 EXMODE: bcn

POINT: 32768 points
 SAMPO: 32768 points
 FREQU: 20356.6 Hz
 FILTR: 10200 Hz
 DELAY: 19.6 usec
 DEADT: 27.0 usec
 INTVL: 49.1 usec
 TIMES: 128 times
 DUMMY: 1 times
 PD: 1.3911 sec
 ACQTM: 1608.9088 msec
 PREOL: 10.0000 msec
 INIWT: 10.0000 msec
 RESOL: 0.62 Hz
 PW1: 4.75 usec
 OBNUC: 13C
 OBFRQ: 75.45 MHz
 OBSET: 125840.00 Hz
 RGAIN: 31
 IRNUC: 1H
 IRFRQ: 300.40 MHz
 IRSET: 131150.00 Hz
 IRRPW: 55.0 usec
 IRRNS: 0
 SCANS: 128 times
 SLVNT: CDCL3
 SPINNING: 13 Hz
 TEMP: 21.8 C



Methyl 3-(N'-benzoylhydrazino)-2,2-dimethyl-4-phenylbutanoate



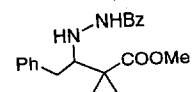
Date : Tue Jan 19 15:52:41 1999

FileName : 865-H.nmdata
 Comment : Methyl 3-(N'-benzoylhydrazino)-2,2-dimethyl-4-phenylbutanoate
 SliceHistory :
 EXMODE : non

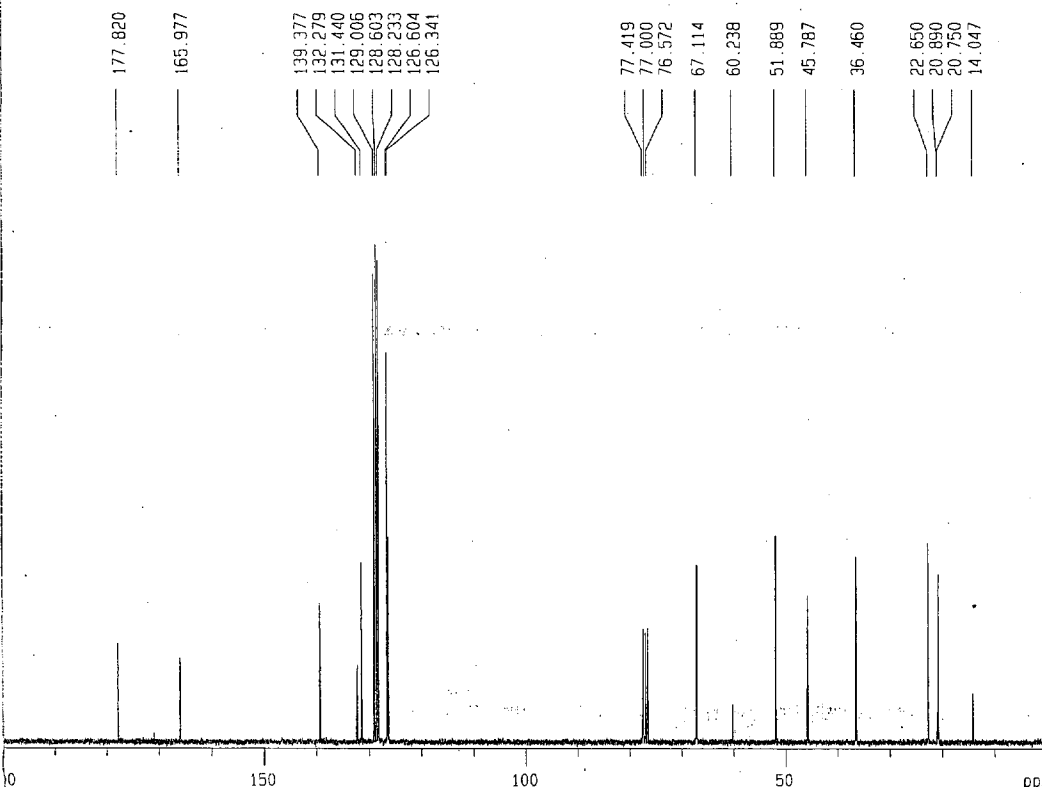
POINT : 32768 points
 SAMPO : 32768 points
 FREQU : 6009.6 Hz
 FILTR : 3000 Hz
 DELAY : 66.7 usec
 DEADT : 96.4 usec
 INTVL : 166.4 usec
 TIMES : 8 times
 DUMMY : 0 times
 PD : 1.5474 sec
 ACQTM : 5452.5952 msec
 PREDL : 10.00000 msec
 INIWT : 0.5000 msec
 RESOL : 0.18 Hz
 PW1 : 7.25 usec
 OBNUC : 1H
 OBFRQ : 300.40 MHz
 OBSET : 131150.00 Hz
 RGAIN : 12

SCANS : 8 times

SLVNT : CDCL3
 SPINNING : 13 Hz
 TEMP : 21.6 C



Methyl 3-(N'-benzoylhydrazino)-2,2-dimethyl-4-phenylbutanoate



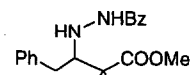
Date : Tue Jan 19 16:00:05 1999

FileName : 865-C.nmdata
 Comment : Methyl 3-(N'-benzoylhydrazino)-2,2-dimethyl-4-phenylbutanoate
 SliceHistory :
 EXMODE : bcm

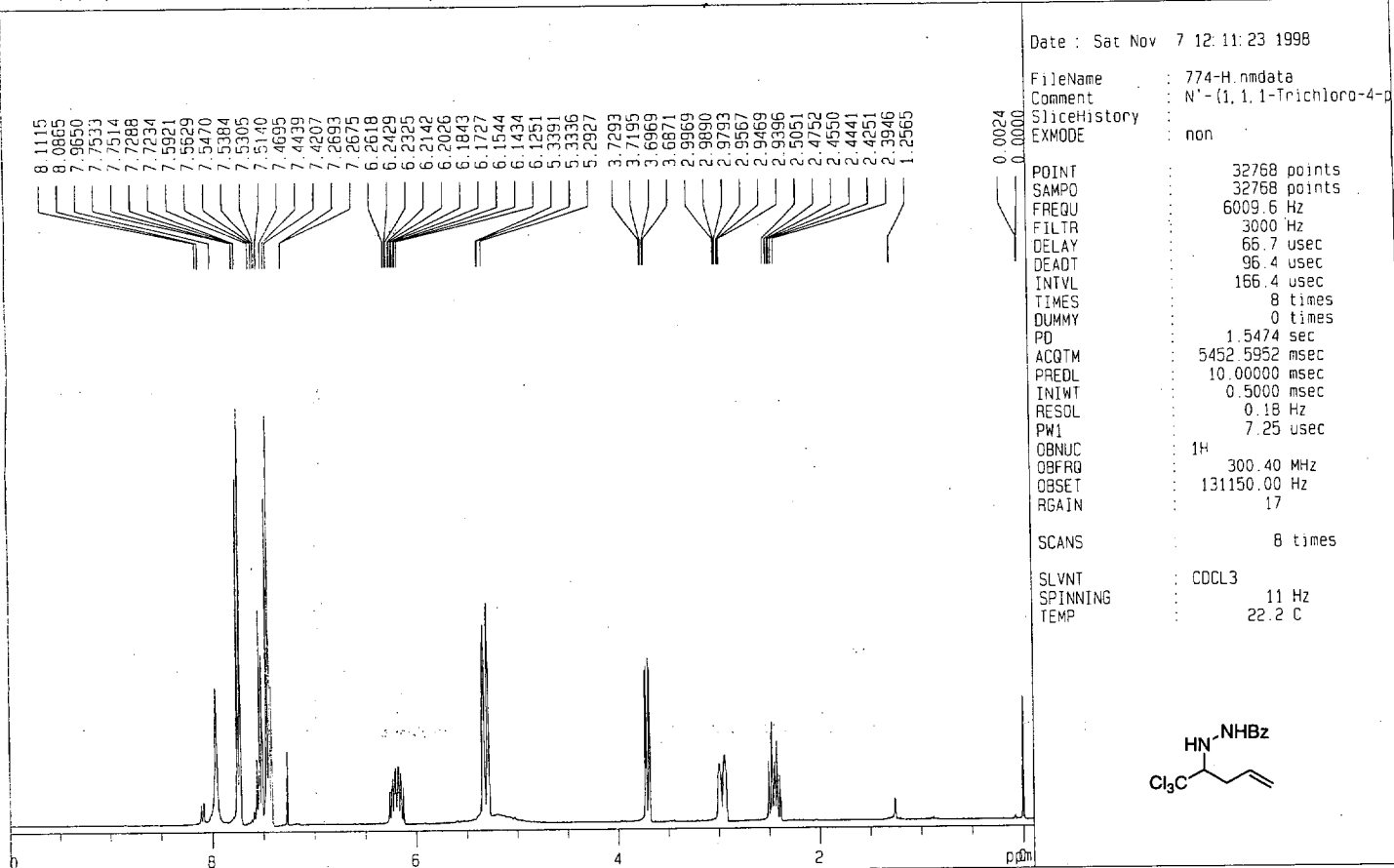
POINT : 32768 points
 SAMPO : 32768 points
 FREQU : 20366.6 Hz
 FILTR : 10200 Hz
 DELAY : 19.6 usec
 DEADT : 27.0 usec
 INTVL : 49.1 usec
 TIMES : 128 times
 DUMMY : 1 times
 PD : 1.3911 sec
 ACQTM : 1608.9088 msec
 PREDL : 10.00000 msec
 INIWT : 10.0000 msec
 RESOL : 0.62 Hz
 PW1 : 4.75 usec
 OBNUC : 13C
 OBFRQ : 75.45 MHz
 OBSET : 125840.00 Hz
 RGAIN : 30
 IRNUC : 1H
 IRFRQ : 300.40 MHz
 IRSET : 131150.00 Hz
 IRRPW : 55.0 usec
 IRRNS : 0

SCANS : 128 times

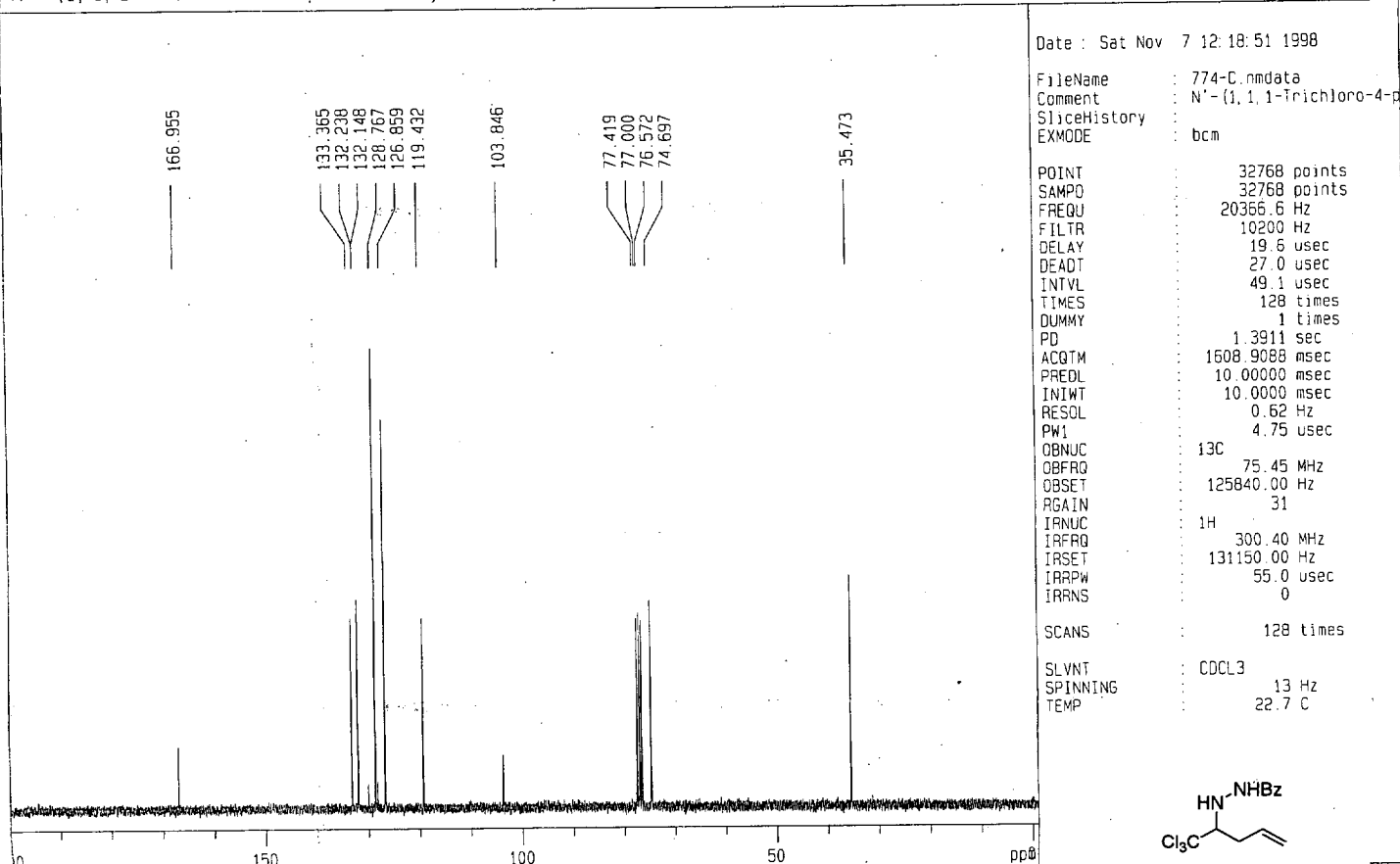
SLVNT : CDCL3
 SPINNING : 13 Hz
 TEMP : 22.5 C



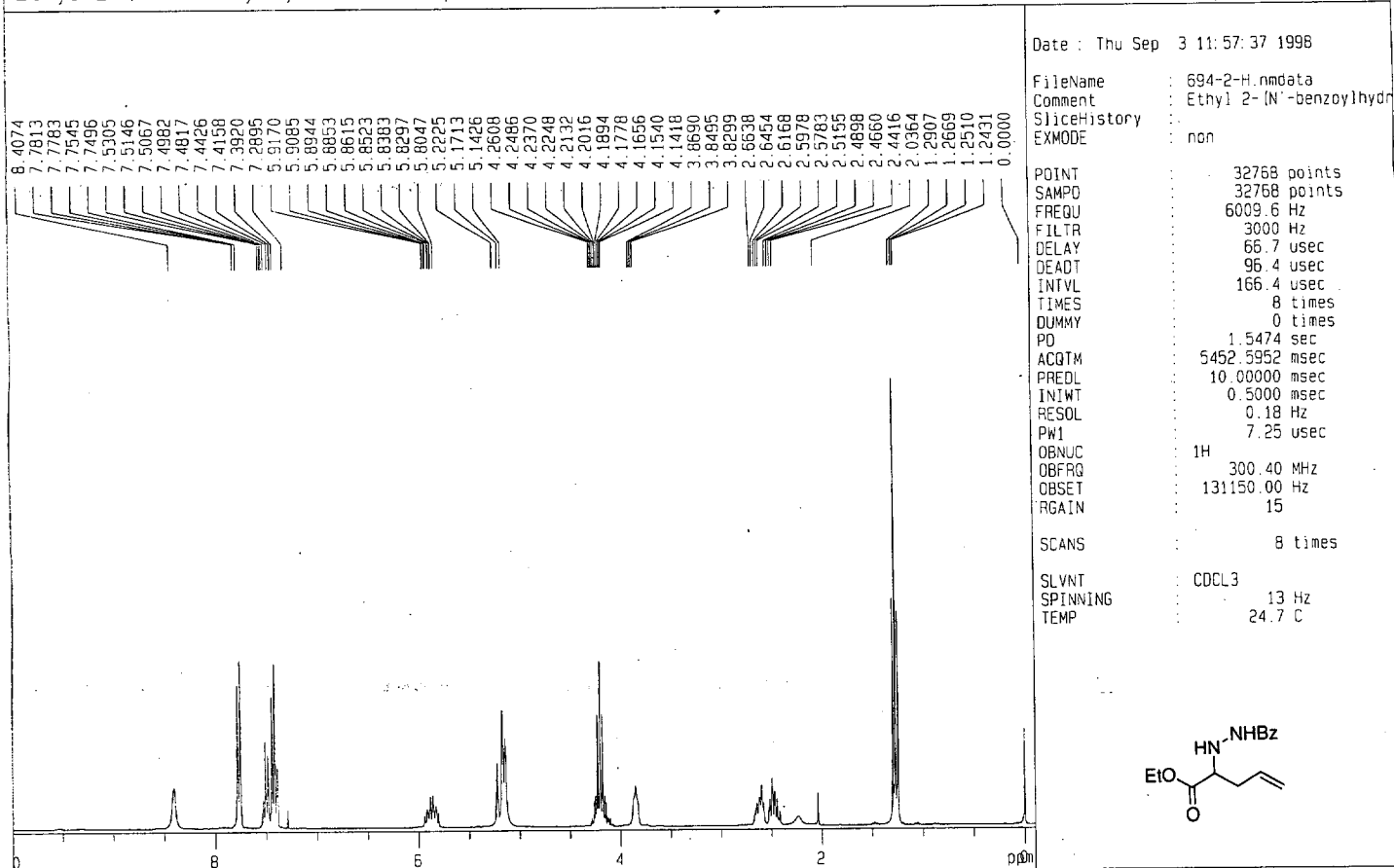
N'-(1,1,1-Trichloro-4-penten-2-yl)benzohydrazide



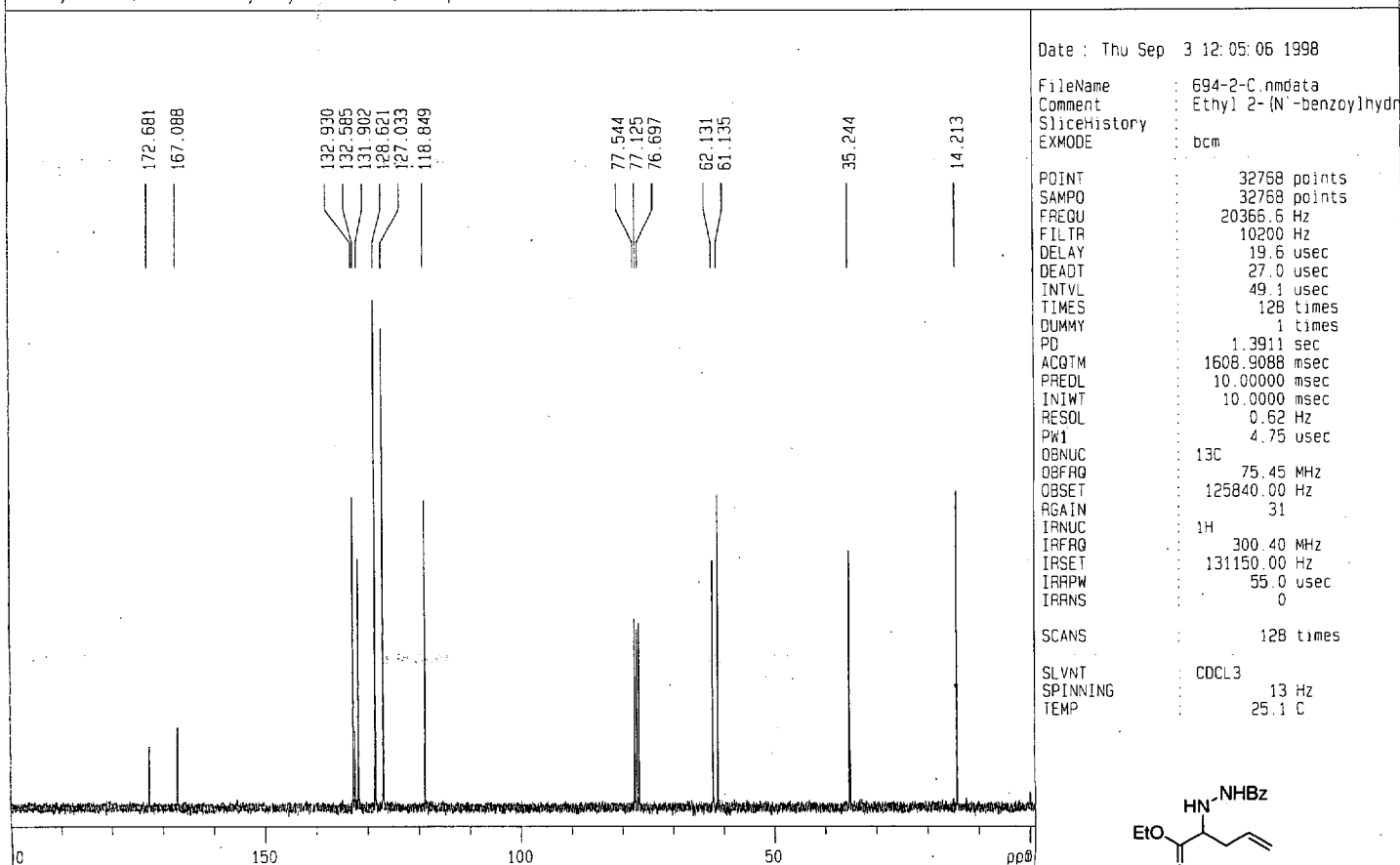
N'-(1,1,1-Trichloro-4-penten-2-yl)benzohydrazide



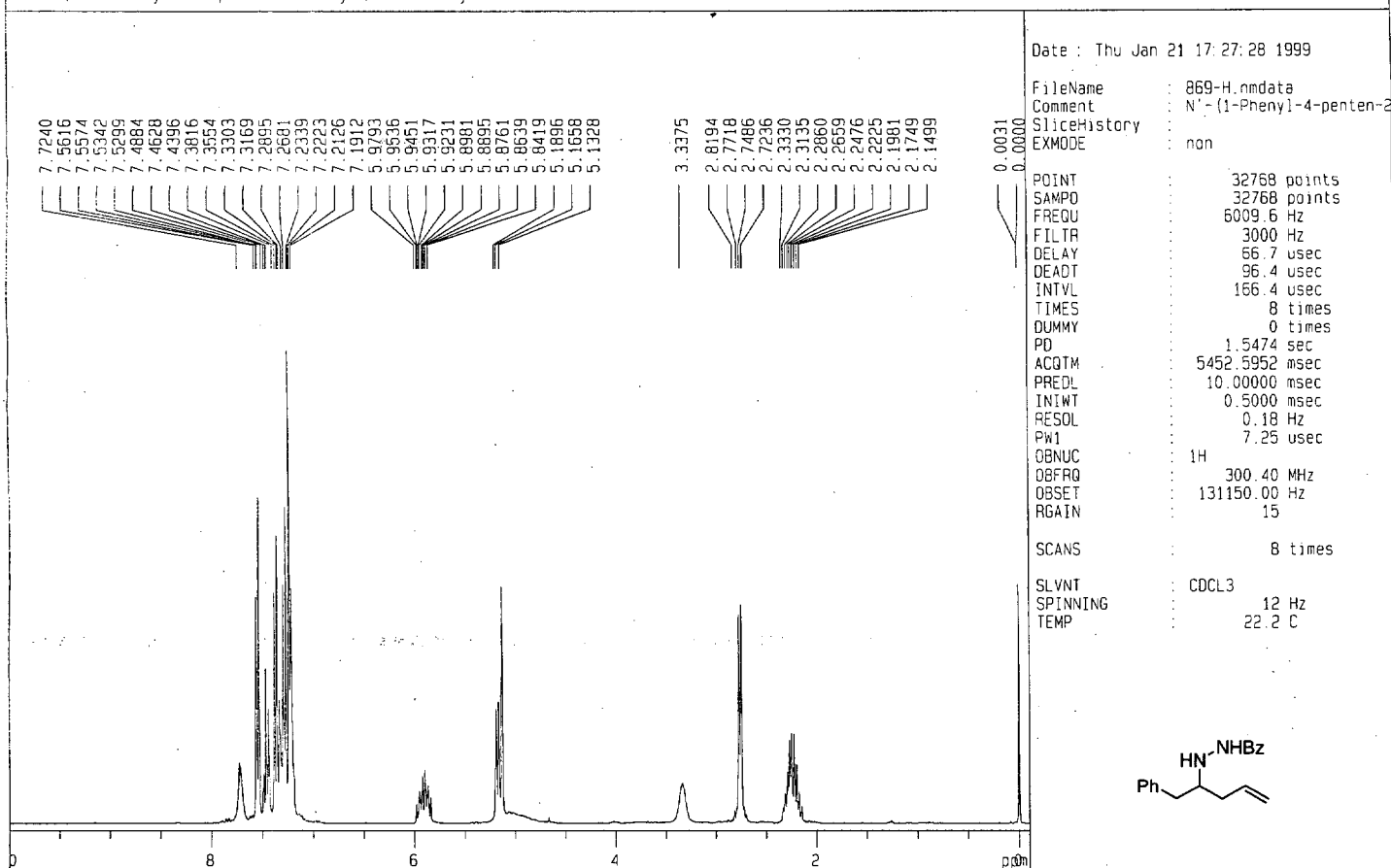
Ethyl 2-(N'-benzoylhydrazino)-4-pentenoate



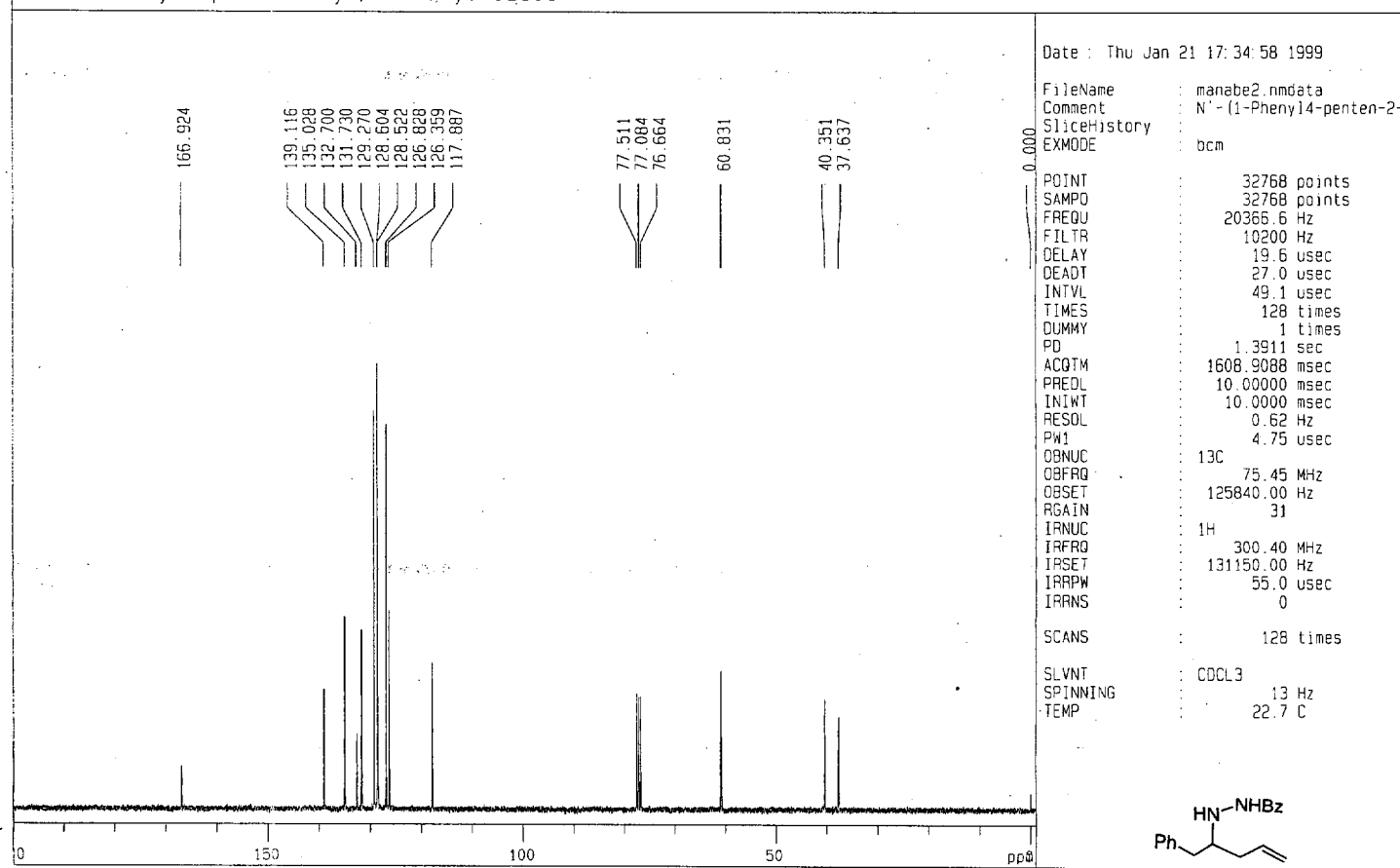
Ethyl 2-(N'-benzoylhydrazino)-4-pentenoate



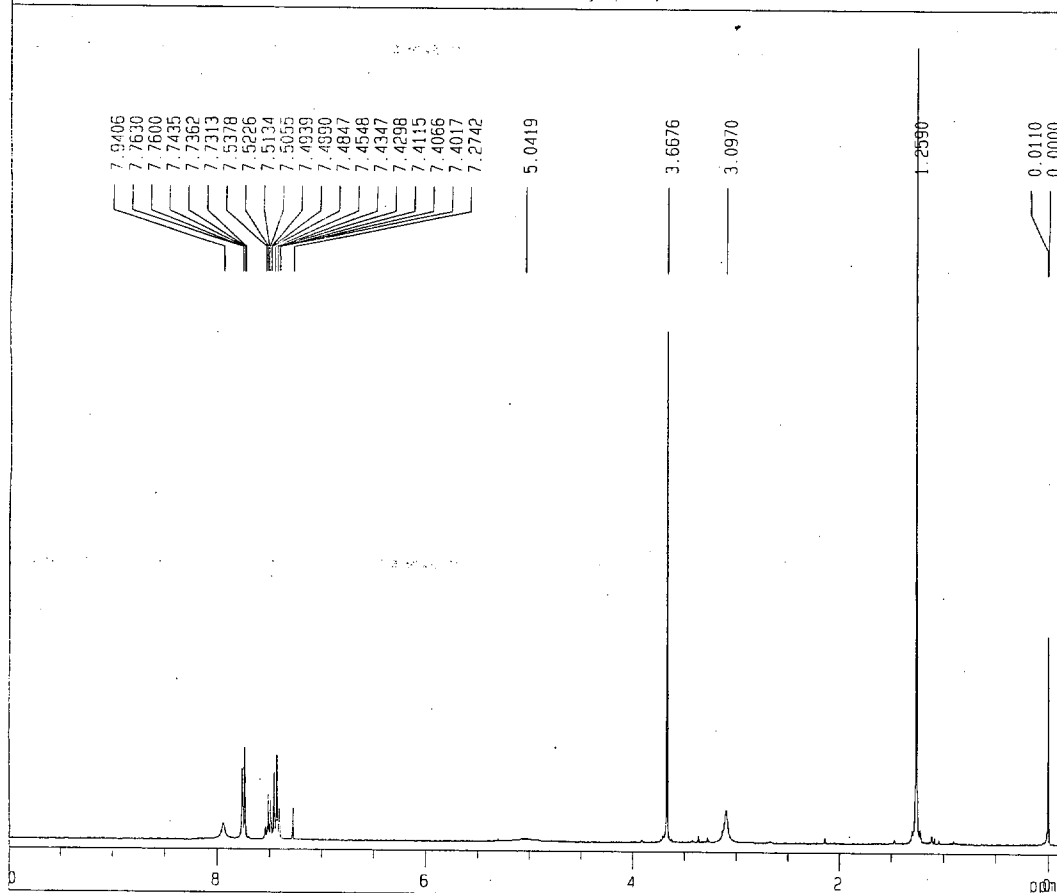
N'-(1-Phenyl-4-penten-2-yl) benzohydrazide



N'-(1-Phenyl-4-penten-2-yl) benzohydrazide



Methyl 3-(N'-benzoylhydrazino)-2,2-dimethylpropanoate



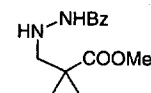
Date : Thu Feb 11 13:59:41 1999

FileName : 1.nmdata
 Comment : Methyl 3-(N'-benzoylhydrazino)-2,2-dimethylpropanoate
 SliceHistory :
 EXMODE : non

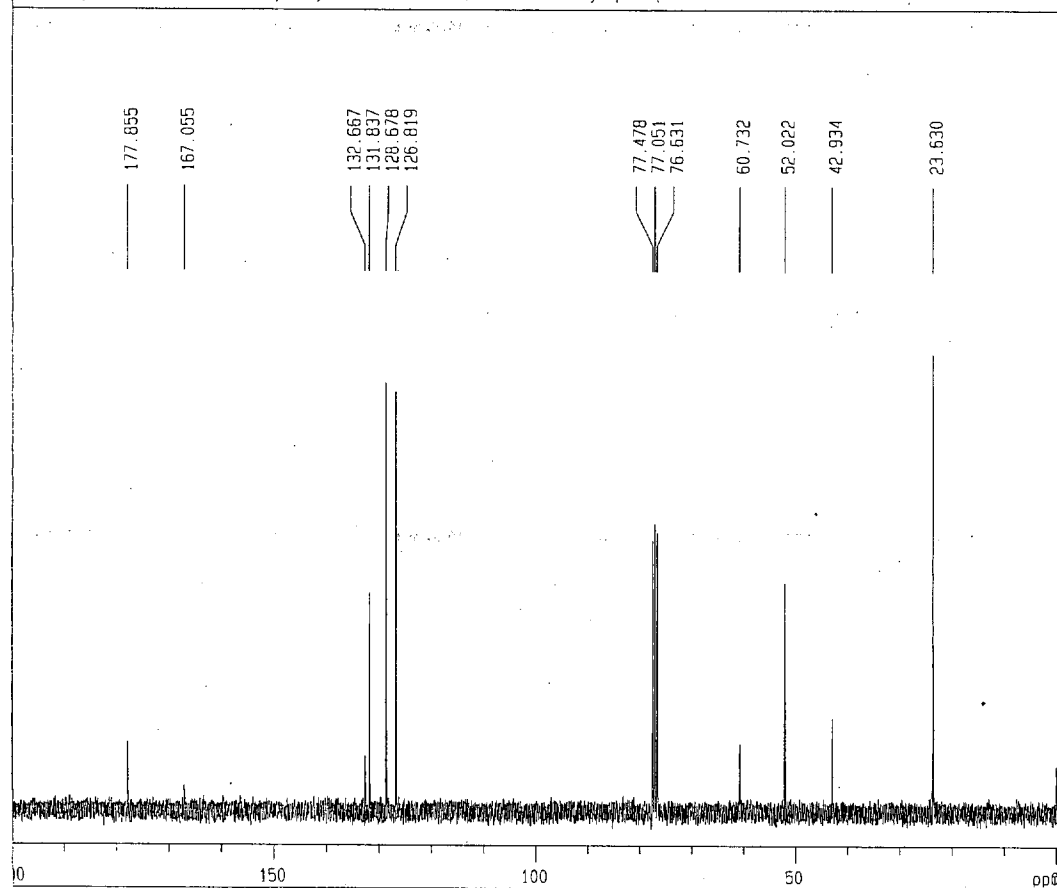
POINT : 32768 points
 SAMPO : 32768 points
 FREQ : 5009.6 Hz
 FILTR : 3000 Hz
 DELAY : 66.7 usec
 DEADT : 96.4 usec
 INTVL : 166.4 usec
 TIMES : 8 times
 DUMMY : 0 times
 PD : 1.5474 sec
 ACQTM : 5452.5952 msec
 PREDL : 10.00000 msec
 INIWT : 0.5000 msec
 RESOL : 0.18 Hz
 PW1 : 7.25 usec
 OBNUC : 1H
 OBFRO : 300.40 MHz
 OBSET : 131150.00 Hz
 RGAIN : 18

SCANS : 8 times

SLVNT : CDCL3
 SPINNING : 12 Hz
 TEMP : 21.4 C



Methyl 3-(N'-benzoylhydrazino)-2,2-dimethylpropanoate



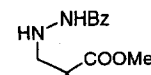
Date : Thu Feb 11 14:07:10 1999

FileName : 1.nmdata
 Comment : Methyl 3-(N'-benzoylhydrazino)-2,2-dimethylpropanoate
 SliceHistory :
 EXMODE : bcn

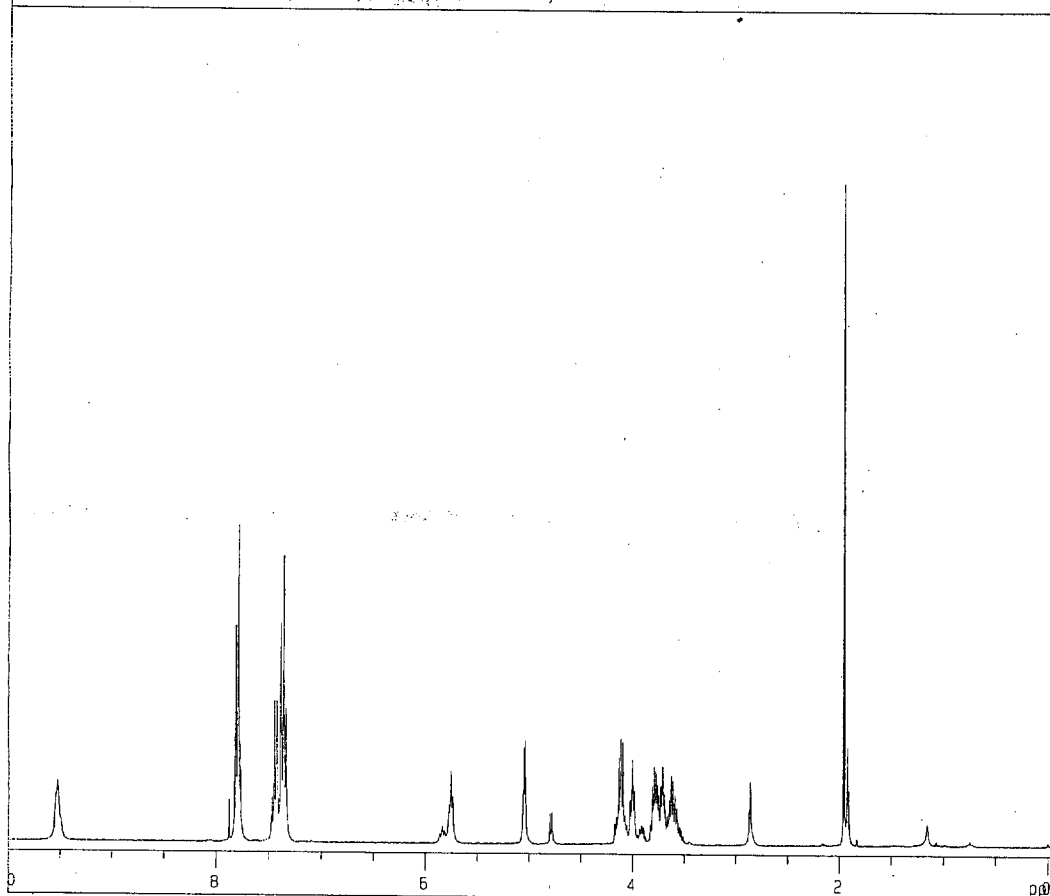
POINT : 32768 points
 SAMPO : 32768 points
 FREQ : 20366.6 Hz
 FILTR : 10200 Hz
 DELAY : 19.5 usec
 DEADT : 27.0 usec
 INTVL : 49.1 usec
 TIMES : 128 times
 DUMMY : 1 times
 PD : 1.3911 sec
 ACQTM : 1508.9088 msec
 PREDL : 10.00000 msec
 INIWT : 10.0000 msec
 RESOL : 0.62 Hz
 PW1 : 4.75 usec
 OBNUC : 13C
 OBFRO : 75.45 MHz
 OBSET : 125840.00 Hz
 RGAIN : 31
 IRNUC : 1H
 IRFRO : 300.40 MHz
 IRSET : 131150.00 Hz
 IRRPW : 55.0 usec
 IRRNS : 0

SCANS : 128 times

SLVNT : CDCL3
 SPINNING : 12 Hz
 TEMP : 21.6 C



N'-(1-Cyano-2,3-dihydroxypropyl)benzohydrazide



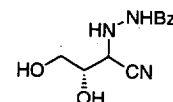
Date : Tue Mar 2 13:33:04 1999

FileName : 1.nmdata
 Comment : N'-(1-Cyano-2,3-dihydro
 SliceHistory :
 EXMODE : non

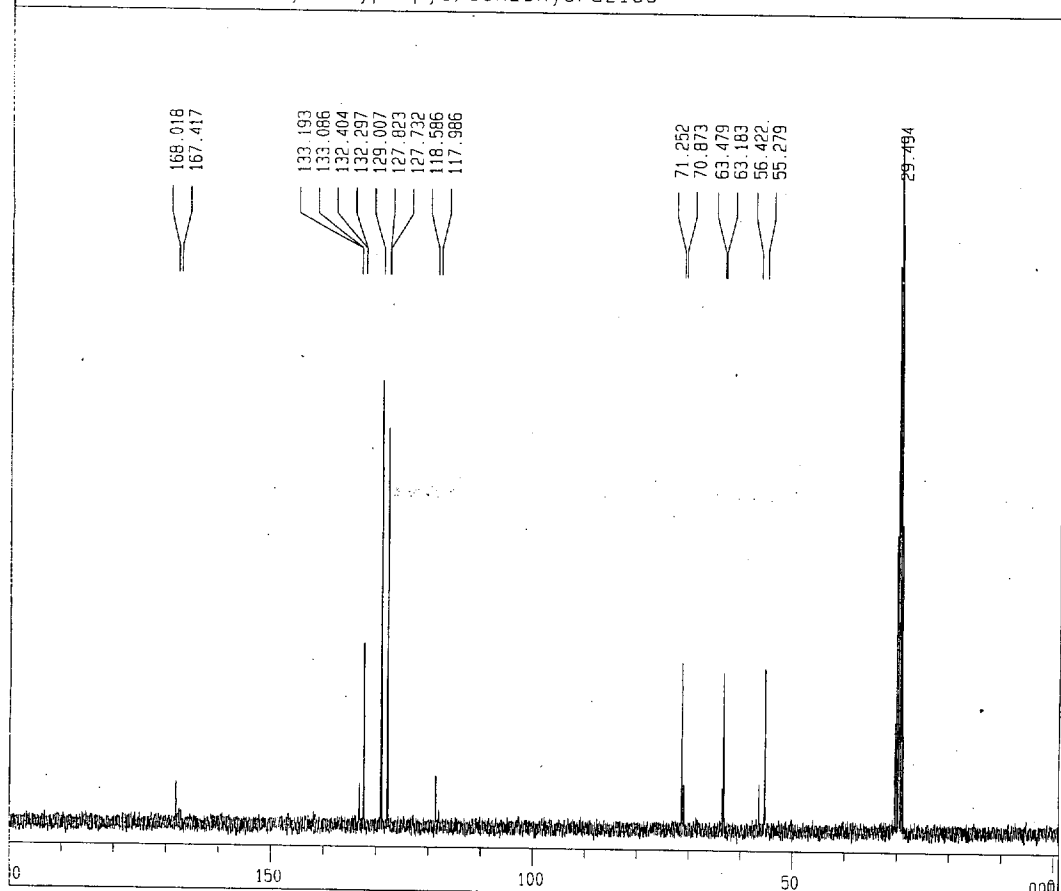
POINT : 32768 points
 SAMPO : 32768 points
 FREQ : 6009.6 Hz
 FILTR : 3000 Hz
 DELAY : 66.7 usec
 DEADT : 95.4 usec
 INTVL : 165.4 usec
 TIMES : 8 times
 DUMMY : 0 times
 PD : 1.5474 sec
 ACQTM : 5452.5952 msec
 PREDL : 10.00000 msec
 INIWT : 0.5000 msec
 RESOL : 0.18 Hz
 PW1 : 7.25 usec
 OBNUC : 1H
 OBFRQ : 300.40 MHz
 OBSET : 131150.00 Hz
 RGAIN : 18

SCANS : 8 times

SLVNT : CDCL3
 SPINNING : 14 Hz
 TEMP : 22.1 C



N'-(1-Cyano-2,3-dihydroxypropyl)benzohydrazide



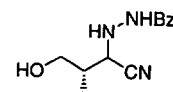
Date : Tue Mar 2 13:40:42 1999

FileName : 1.nmdata
 Comment : N'-(1-Cyano-2,3-dihydro
 SliceHistory :
 EXMODE : bcn

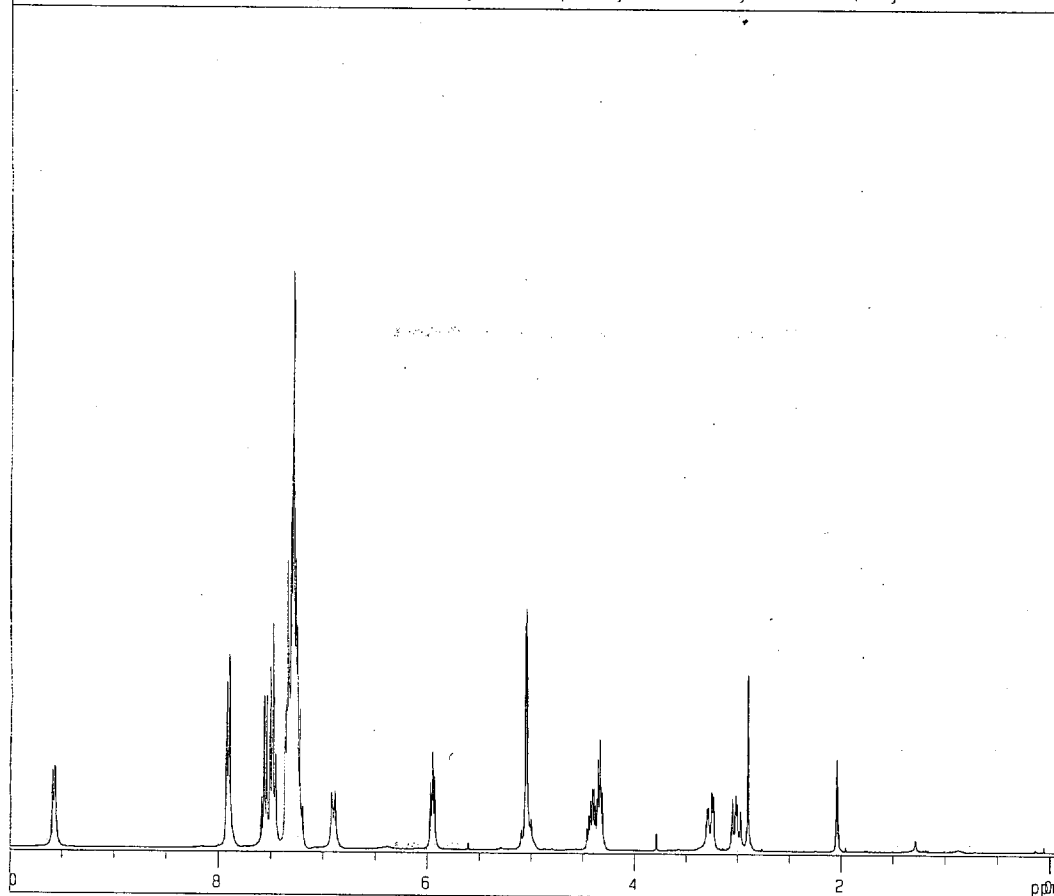
POINT : 32768 points
 SAMPO : 32768 points
 FREQ : 20366.6 Hz
 FILTR : 10200 Hz
 DELAY : 19.6 usec
 DEADT : 27.0 usec
 INTVL : 49.1 usec
 TIMES : 128 times
 DUMMY : 1 times
 PD : 1.3911 sec
 ACQTM : 1608.9088 msec
 PREDL : 10.00000 msec
 INIWT : 10.0000 msec
 RESOL : 0.62 Hz
 PW1 : 4.75 usec
 OBNUC : 13C
 OBFRQ : 75.45 MHz
 OBSET : 125840.00 Hz
 RGAIN : 30
 IRNUC : 1H
 IRFRQ : 300.40 MHz
 IRSET : 131150.00 Hz
 IRAPW : 55.0 usec
 IRANS : 0

SCANS : 128 times

SLVNT : CDCL3
 SPINNING : 14 Hz
 TEMP : 22.7 C



N'-(2-benzoyloxycarbonylamino-1-cyano-3-phenyl) benzohydrazide (maj)



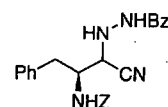
Date : Thu Mar 18 11:06:51 1999

FileName : 1.nmdata
 Comment : N'-(2-benzoyloxycarbonyl)
 SliceHistory :
 EXMODE : non

POINT : 32768 points
 SAMPO : 32768 points
 FREQU : 6009.6 Hz
 FILTR : 3000 Hz
 DELAY : 66.7 usec
 DEADT : 96.4 usec
 INTVL : 166.4 usec
 TIMES : 32 times
 DUMMY : 0 times
 PD : 1.5474 sec
 ACQTM : 5452.5952 msec
 PREDL : 10.00000 msec
 INIWT : 0.5000 msec
 RESOL : 0.18 Hz
 PW1 : 7.25 usec
 OBNUC : ¹H
 OBFRQ : 300.40 MHz
 OBSET : 131150.00 Hz
 RGAIN : 16

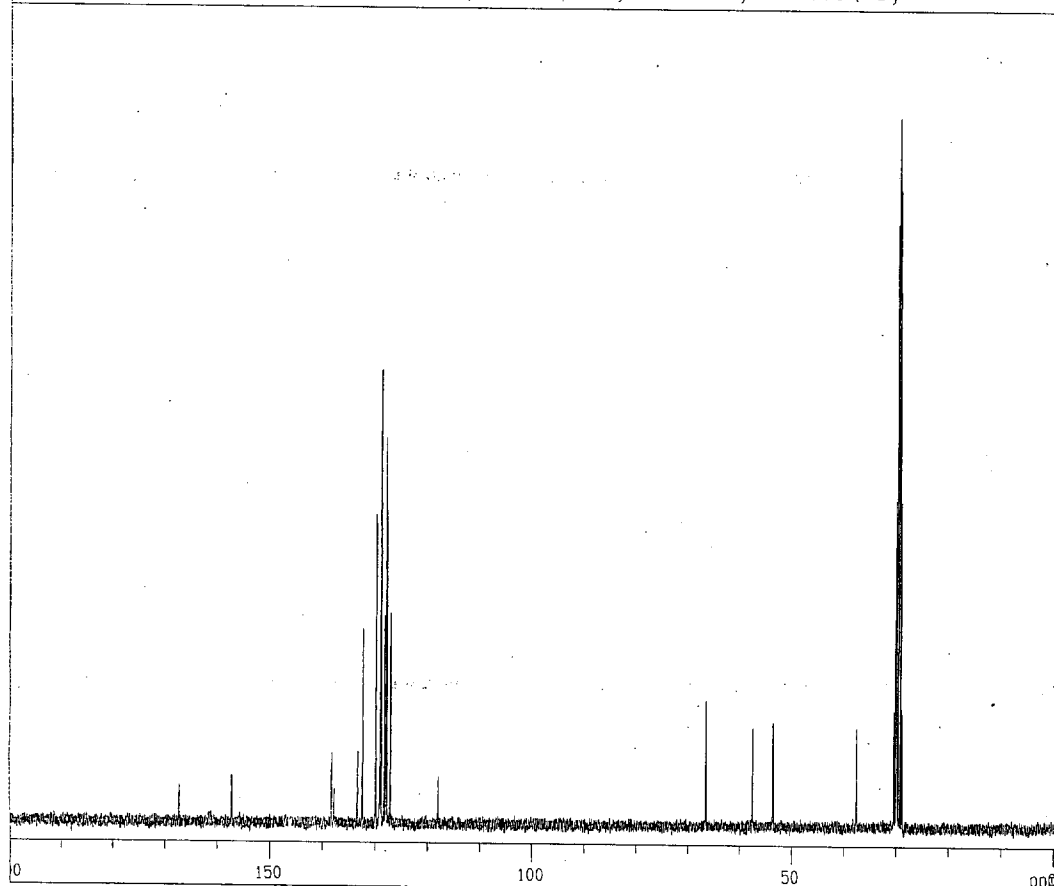
SCANS : 32 times

SLVNT : CDCL₃
 SPINNING : 13 Hz
 TEMP : 23.1 C



major

N'-(2-Benzoyloxycarbonylamino-1-cyano-3-phenyl) benzohydrazide (maj)



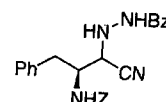
Date : Thu Mar 18 11:20:46 1999

FileName : 1.nmdata
 Comment : N'-(2-Benzoyloxycarbonyl)
 SliceHistory :
 EXMODE : bcm

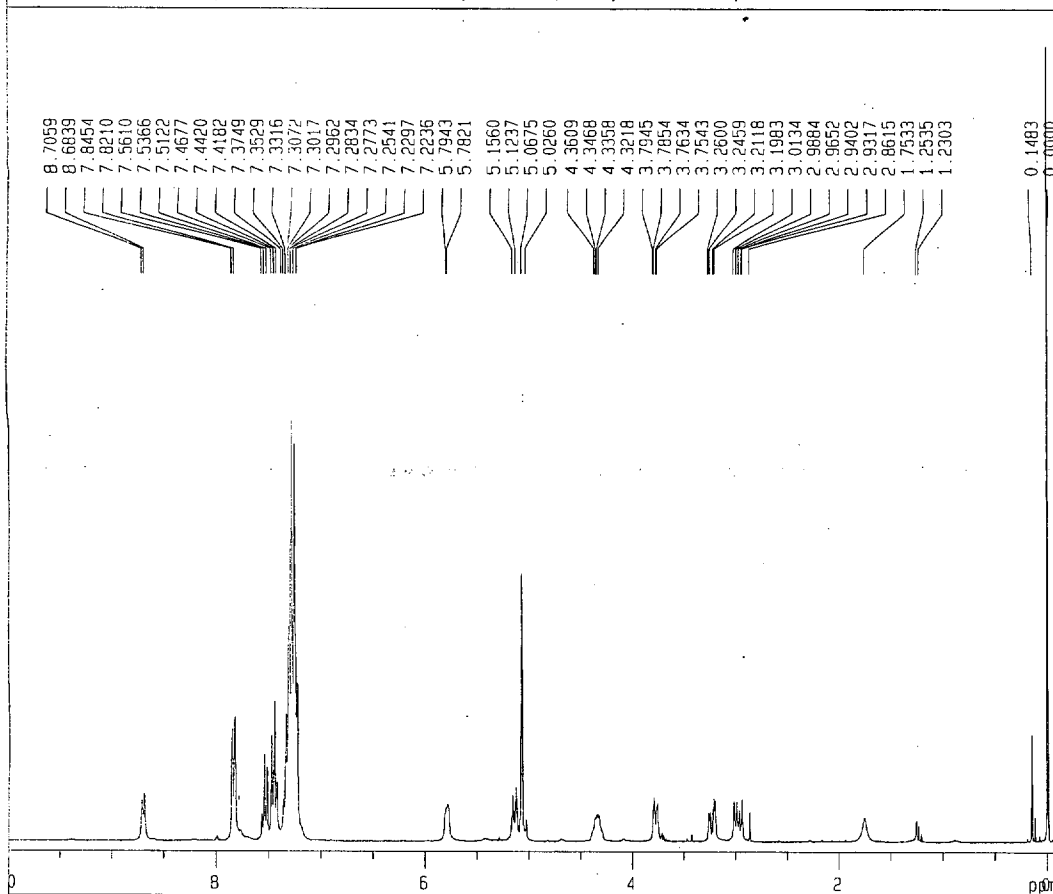
POINT : 32768 points
 SAMPO : 32768 points
 FREQU : 20366.6 Hz
 FILTR : 10200 Hz
 DELAY : 19.6 usec
 DEADT : 27.0 usec
 INTVL : 49.1 usec
 TIMES : 256 times
 DUMMY : 1 times
 PD : 1.3911 sec
 ACQTM : 1608.9088 msec
 PREDL : 10.00000 msec
 INIWT : 10.0000 msec
 RESOL : 0.62 Hz
 PW1 : 4.75 usec
 OBNUC : ¹³C
 OBFRQ : 75.45 MHz
 OBSET : 125840.00 Hz
 RGAIN : 30
 IANUC : ¹H
 IAFRQ : 300.40 MHz
 IRSET : 131150.00 Hz
 IRRPW : 55.0 usec
 IRRNS : 0

SCANS : 256 times

SLVNT : CDCL₃
 SPINNING : 13 Hz
 TEMP : 23.9 C



N'-(2-Benzyloxycarbonylamino-1-cyano-3-phenyl) benzohydrazide (min)



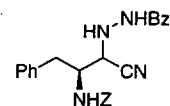
Date : Wed Mar 17 14:43:06 1999

FileName : 1.nmdata
 Comment : N'-(2-Benzyloxycarbonyl
 SliceHistory :
 EXMODE : non

POINT : 32768 points
 SAMPO : 32768 points
 FREQU : 6009.6 Hz
 FILTR : 3000 Hz
 DELAY : 66.7 usec
 DEADT : 96.4 usec
 INTVL : 166.4 usec
 TIMES : 32 times
 DUMMY : 0 times
 PD : 1.5474 sec
 ACQTM : 5452.5952 msec
 PREDL : 10.00000 msec
 INIWT : 0.5000 msec
 RESOL : 0.18 Hz
 PW1 : 7.25 usec
 OBNUC : 1H
 OBFRQ : 300.40 MHz
 OBSET : 131150.00 Hz
 RGAIN : 19

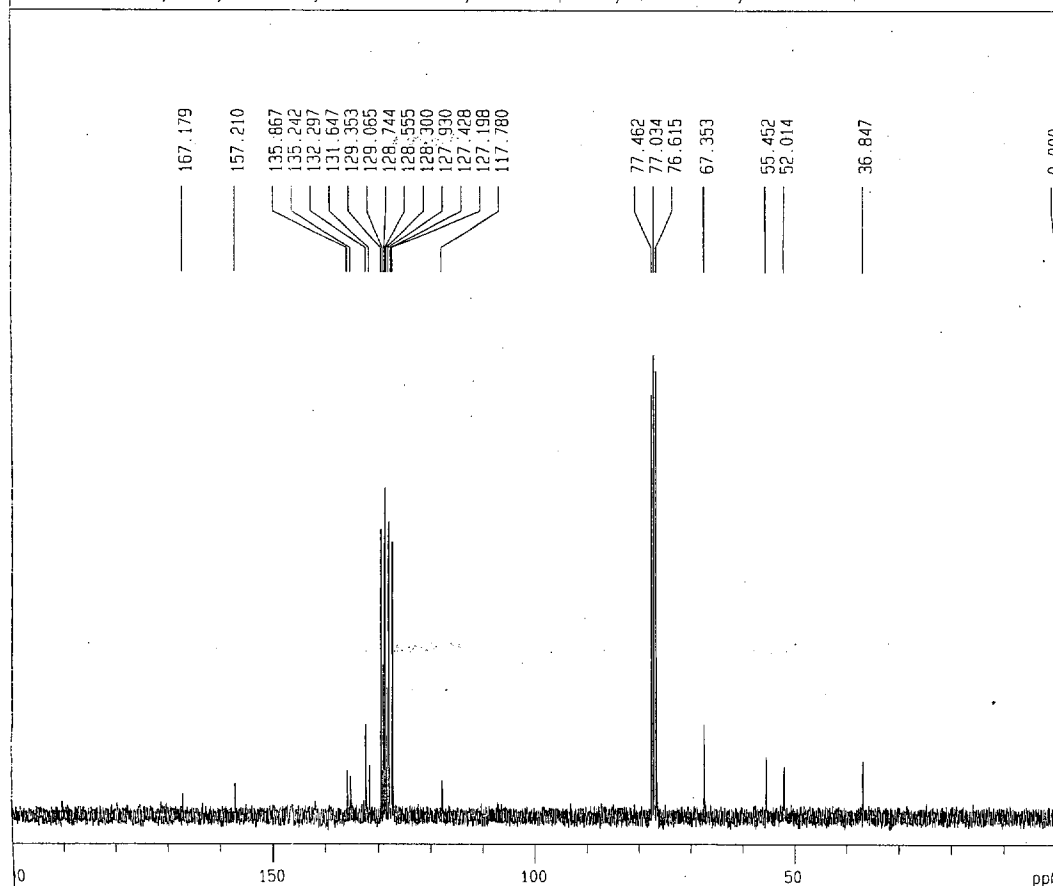
SCANS : 32 times

SLVNT : CDCL3
 SPINNING : 13 Hz
 TEMP : 23.0 C



minor

N'-(2-Benzyloxycarbonylamino-1-cyano-3-phenyl) benzohydrazide (min)



Date : Wed Mar 17 15:00:58 1999

FileName : 1.nmdata
 Comment : N'-(2-Benzyloxycarbonyl
 SliceHistory :
 EXMODE : bcm

POINT : 32768 points
 SAMPO : 32768 points
 FREQU : 20366.6 Hz
 FILTR : 10200 Hz
 DELAY : 19.6 usec
 DEADT : 27.0 usec
 INTVL : 49.1 usec
 TIMES : 256 times
 DUMMY : 1 times
 PD : 1.3911 sec
 ACQTM : 1608.9088 msec
 PREDL : 10.00000 msec
 INIWT : 10.0000 msec
 RESOL : 0.62 Hz
 PW1 : 4.75 usec
 OBNUC : 13C
 OBFRQ : 75.45 MHz
 OBSET : 125840.00 Hz
 RGAIN : 31
 IRNUC : 1H
 IRFRQ : 300.40 MHz
 IRSET : 131150.00 Hz
 IRRPW : 55.0 usec
 IRRNS : 0

SCANS : 256 times

SLVNT : CDCL3
 SPINNING : 13 Hz
 TEMP : 23.7 C

