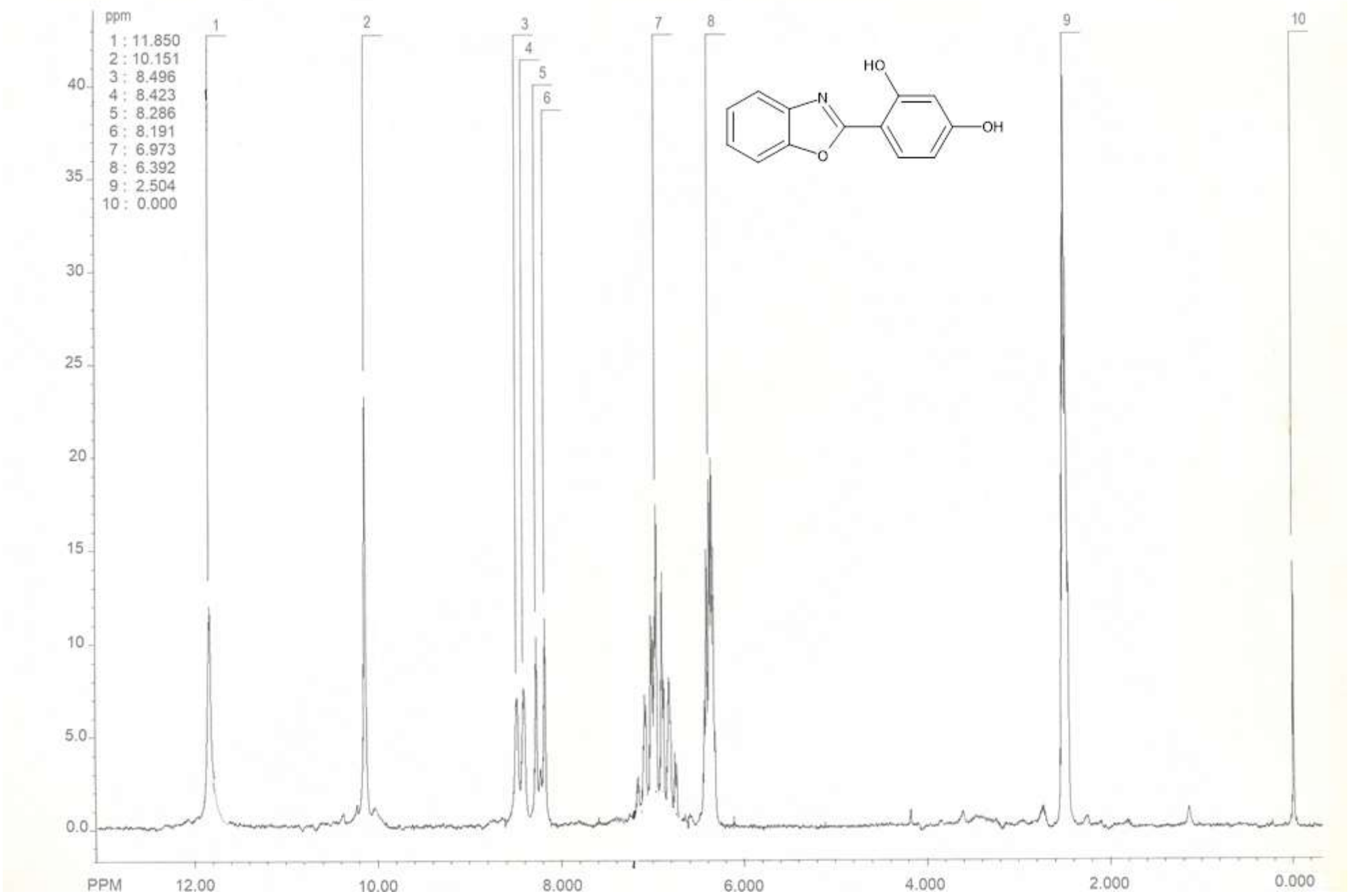
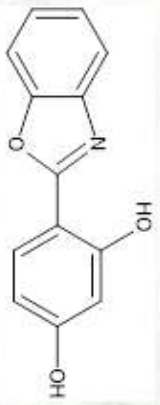
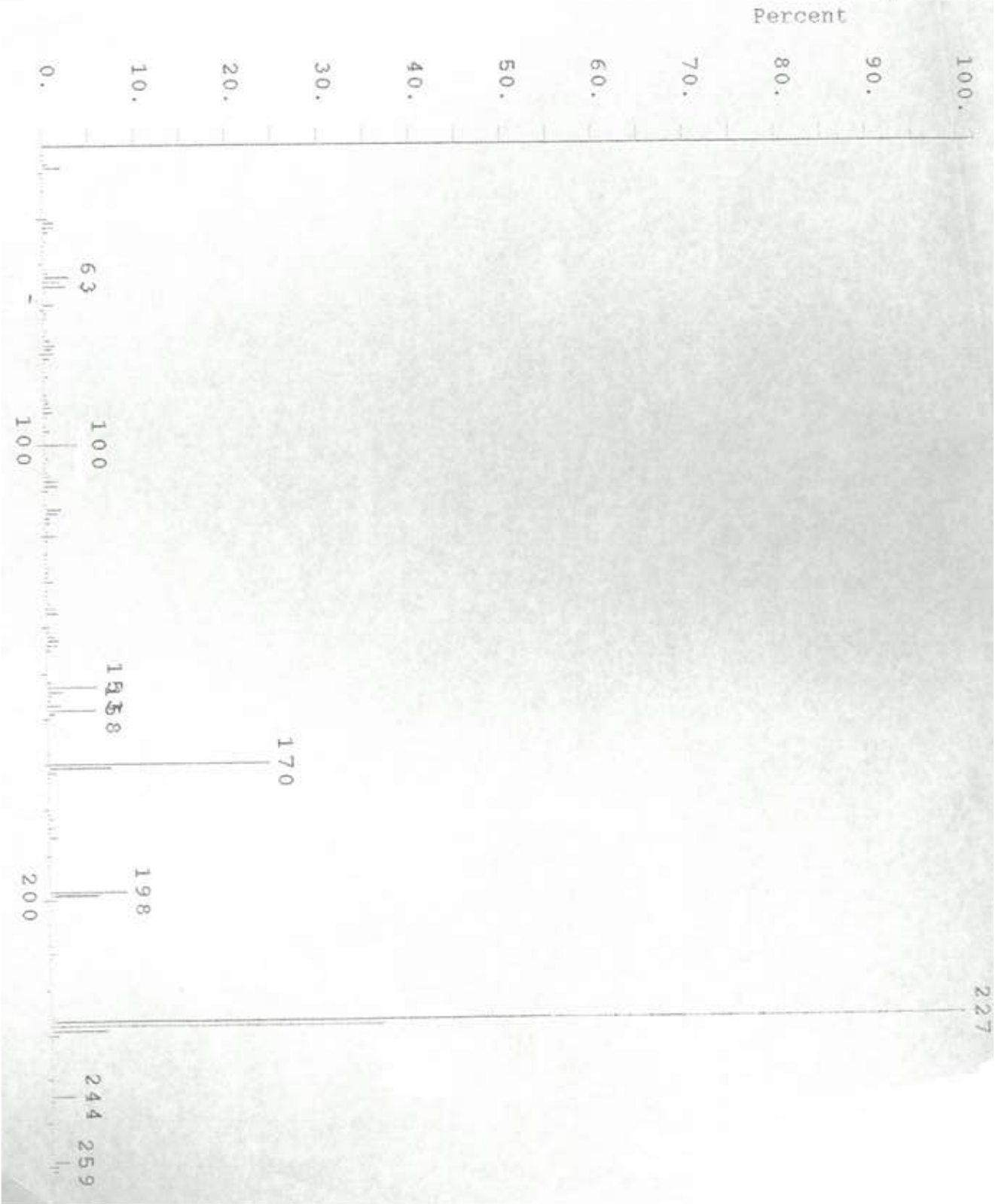

ppm
1 : 11.850
2 : 10.151
3 : 8.496
4 : 8.423
5 : 8.286
6 : 8.191
7 : 6.973
8 : 6.392
9 : 2.504
10 : 0.000
HO
N
OH
O
PPM
12.00
10.00
8.000
6.000
4.000
2.000
0.000

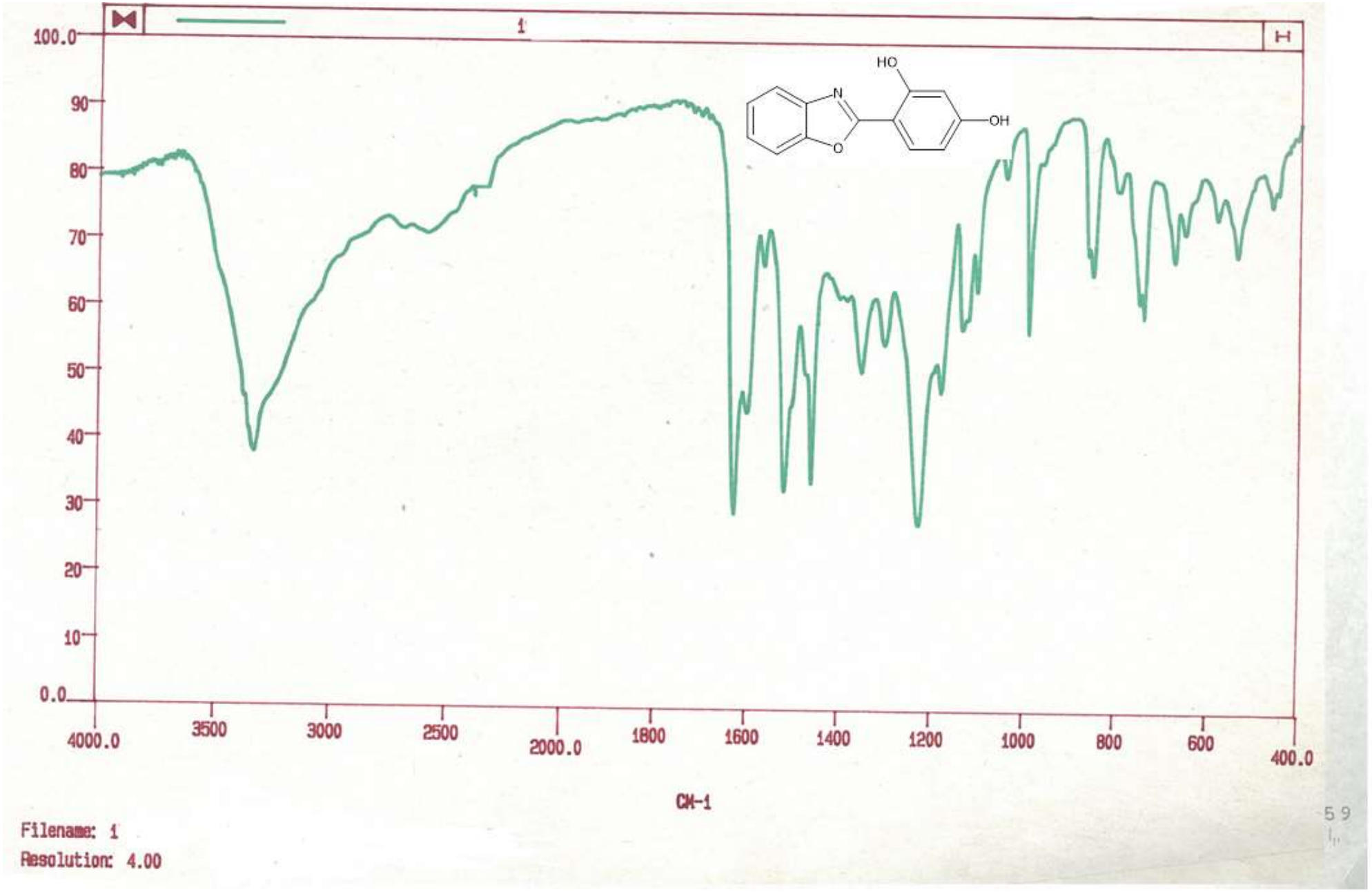
Spektrometr mas AMD-604



File : LRAN1 , Vers. 1 10:42 h

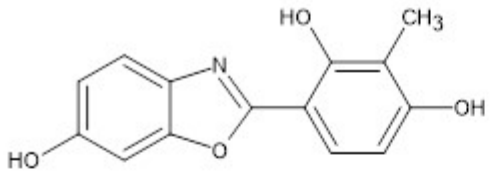
Comment : (EI 70eV 8kV 33-600 5s 5kHz) Nr 1



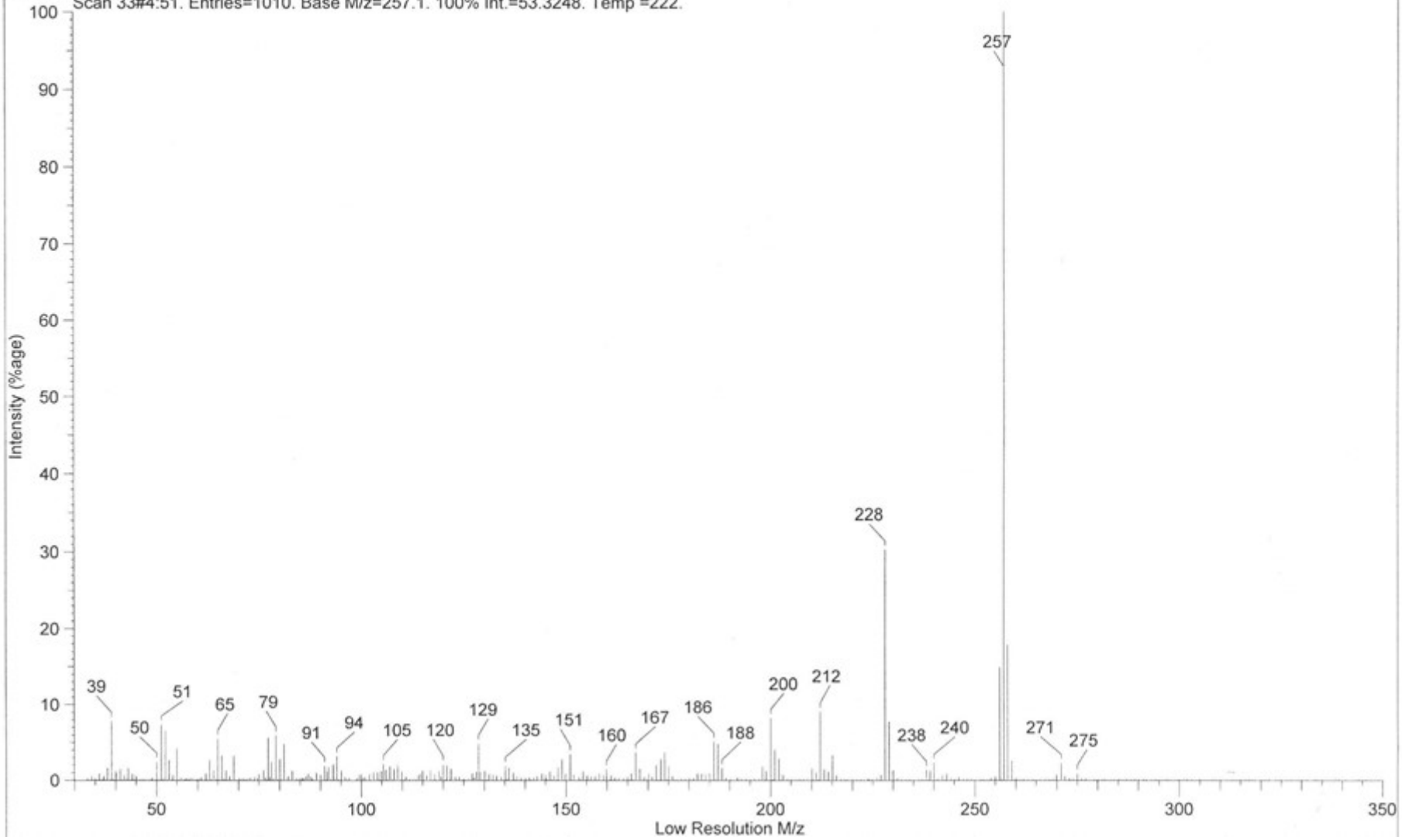

1
H
100.0
90
80
70
60
50
40
30
20
10
0.0
4000.0
3500
3000
2500
2000.0
1800
1600
1400
1200
1000
800
600
400.0
CM-1
HO
N
OH
O
Filename: 1
Resolution: 4.00

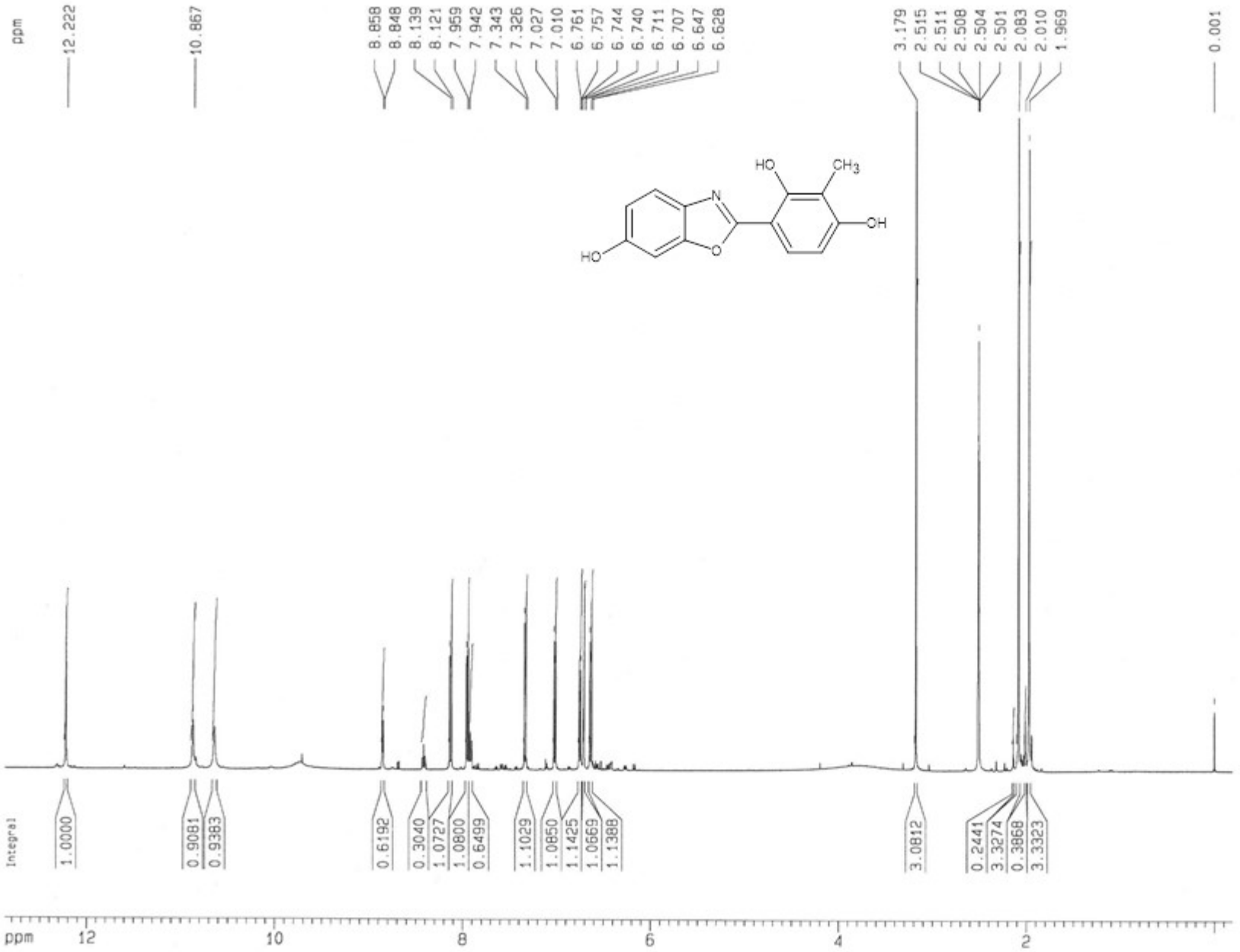
File Name : E:\Inne\LR_Lubl\an4481.ms2

File Type : Lo-Res Data - Ctd (Magnet)
File Source : Acquired on MASPEC II system [II32/99D9]
File Title : (EI 70 eV 33-800)
Operator : Małgorzata
Instrument : AMD 604



SCAN GRAPH. Flagging=Nominal M/z.
Scan 33#4:51. Entries=1010. Base M/z=257.1. 100% Int.=53.3248. Temp =222.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	11.10
INSTRUM	spect
PROBHD	5 mm Dual 13
PULPROG	zg
TD	49152
SOLVENT	DMSO
NS	32
DS	0
SWH	10000.000 Hz
FIDRES	0.203451 Hz
AQ	2.4576499 sec
RG	256
DW	50.000 usec
DE	6.78 usec
TE	303.0 K
D1	1.50000000 sec

========== CHANNEL f1 ==========

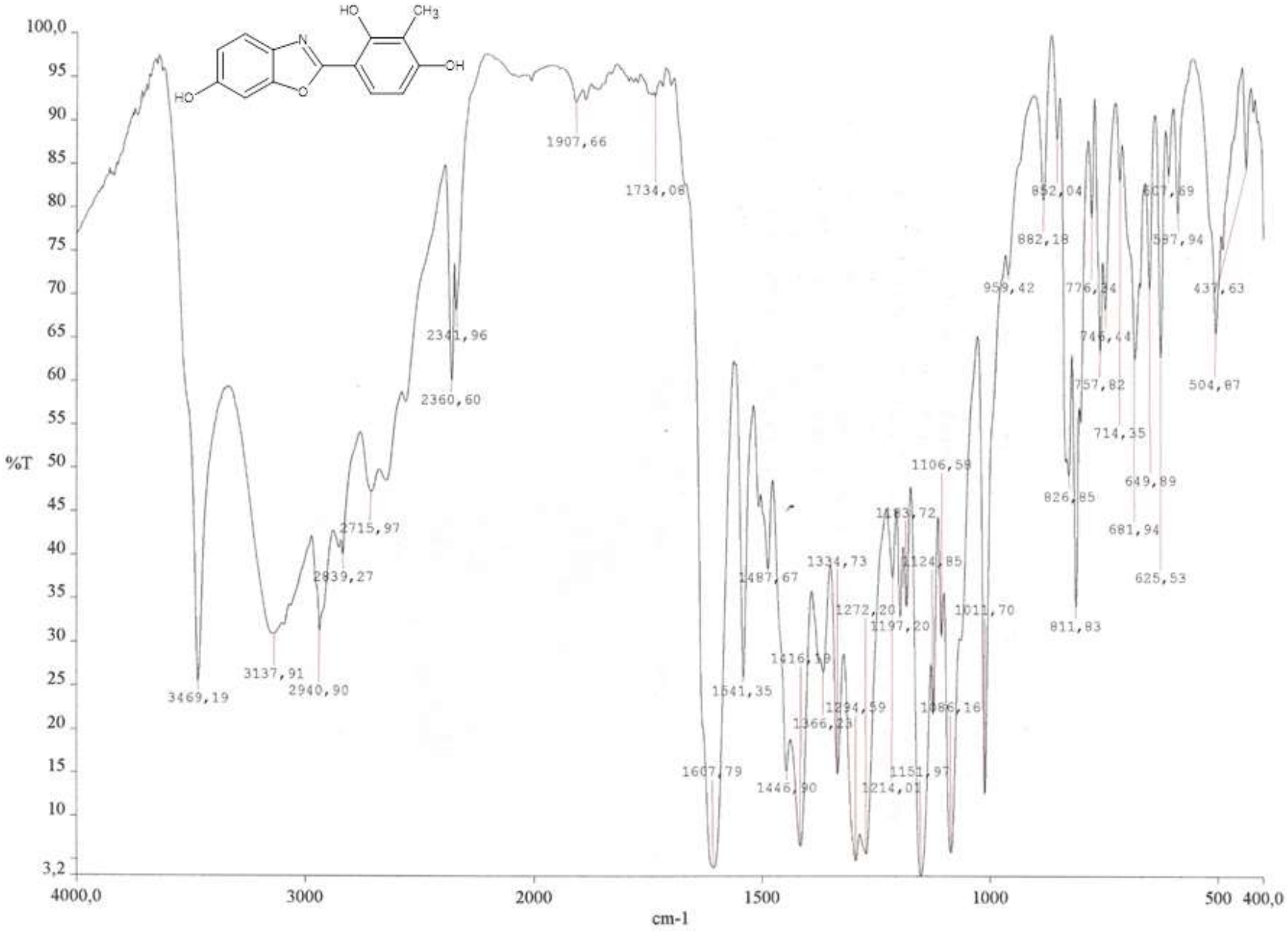
NUC1	1H
P1	4.00 usec
PL1	0.00 dB
SF01	500.1330008 MHz

F2 - Processing parameters

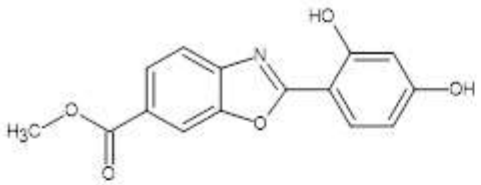
SI	65536
SF	500.1300017 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	8.00

1D NMR plot parameters

CX	22.00 cm
F1P	12.870 ppm
F1	6436.61 Hz
F2P	-0.191 ppm
F2	-95.64 Hz
PPMCM	0.59369 ppm/cm
HZCM	296.92084 Hz/cm

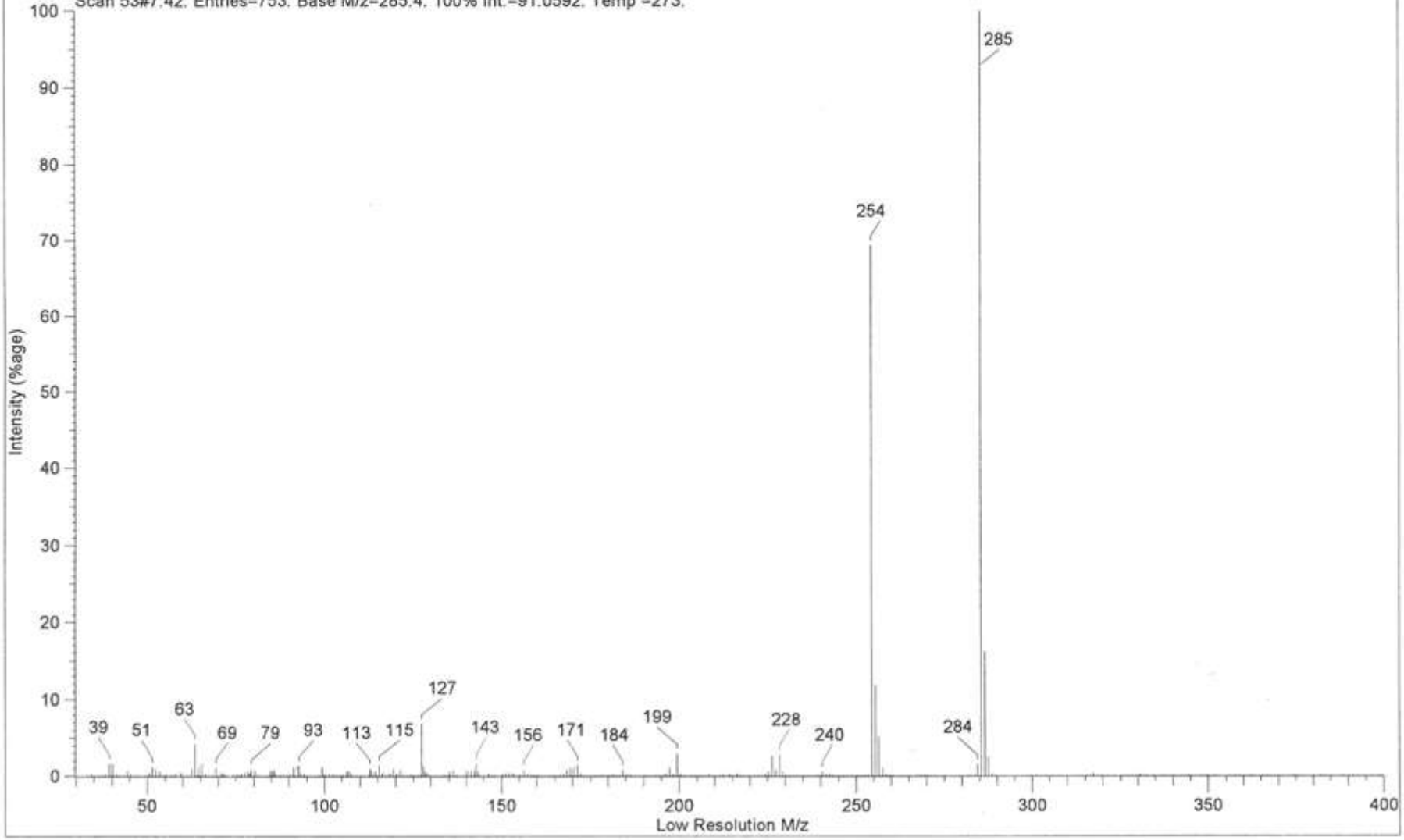

HO
CH3
N
OH
HO
O
100,0
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
3,2
%T
4000,0
3000
2000
1500
1000
500
400,0
cm-1
3469,19
3137,91
2940,90
2839,27
2715,97
2360,60
2341,96
1907,66
1734,08
1607,79
1541,35
1487,67
1446,90
1416,19
1366,23
1334,73
1294,59
1272,20
1214,01
1197,20
1151,97
1124,85
1106,59
1086,16
1011,70
959,42
882,18
852,04
826,85
811,83
776,24
757,82
746,44
714,35
681,94
649,89
625,53
597,94
504,67
437,63
d:\pel_data\spectra\up834.sp - UNIWERSYTET PRZYRODNICZY LUBLIN

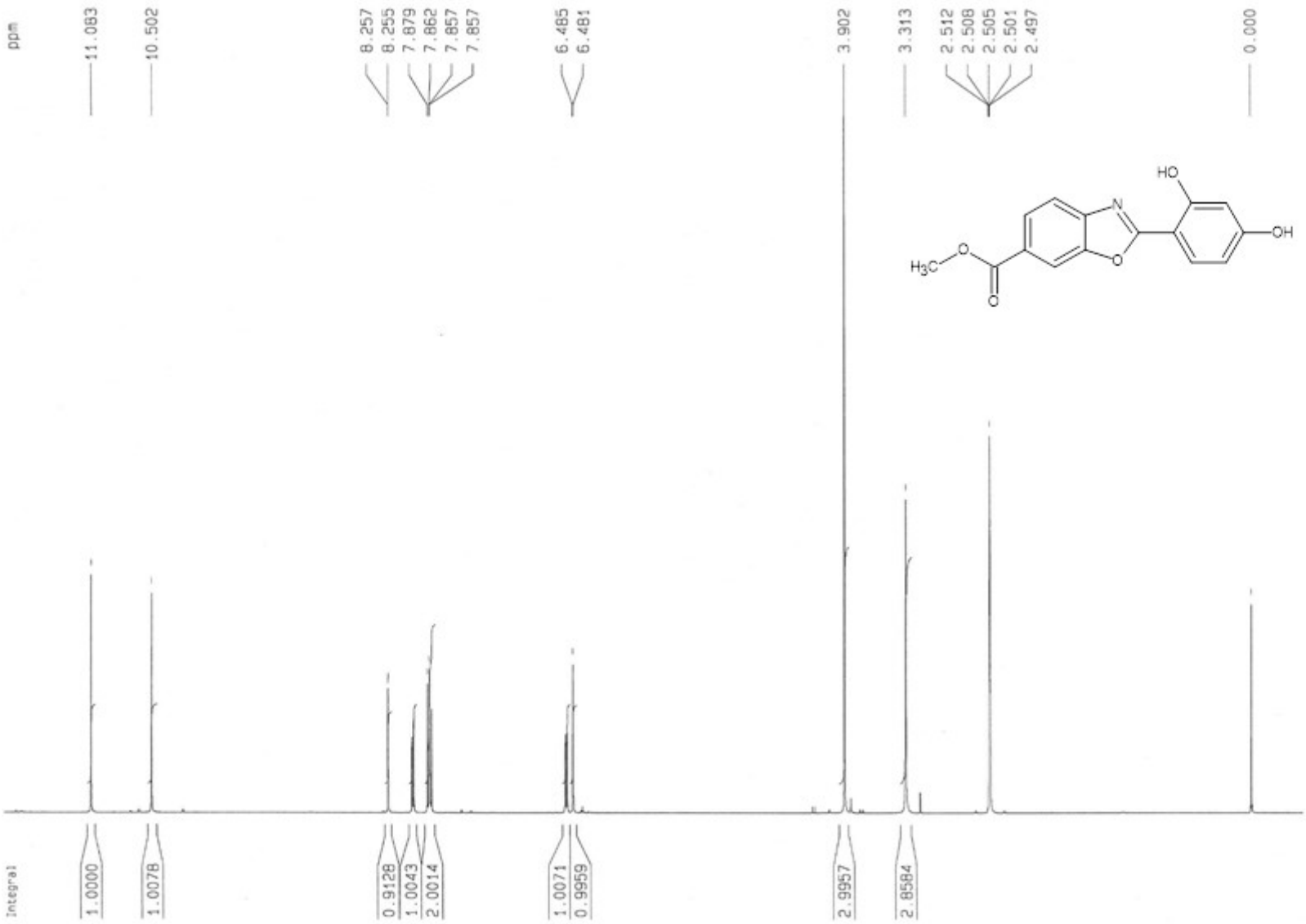
File Name	:	E:\Inne\LR_Lubl\an2120.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	EI 70 eV 33-800
Operator	:	Małgorzata
Instrument	:	AMD 604



SCAN GRAPH. Flagging=Nominal M/z.

Scan 53#7:42. Entries=753. Base M/z=285.4. 100% Int.=91.0592. Temp =273.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	16.29
INSTRUM	spect
PROBHD	5 mm TBI 1H/1
PULPROG	zg
TD	49152
SOLVENT	DMSO
NS	32
DS	0
SWH	7645.260 Hz
FIDRES	0.155543 Hz
AQ	3.2145908 sec
RG	203.2
DW	65.400 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

========== CHANNEL f1 ==========

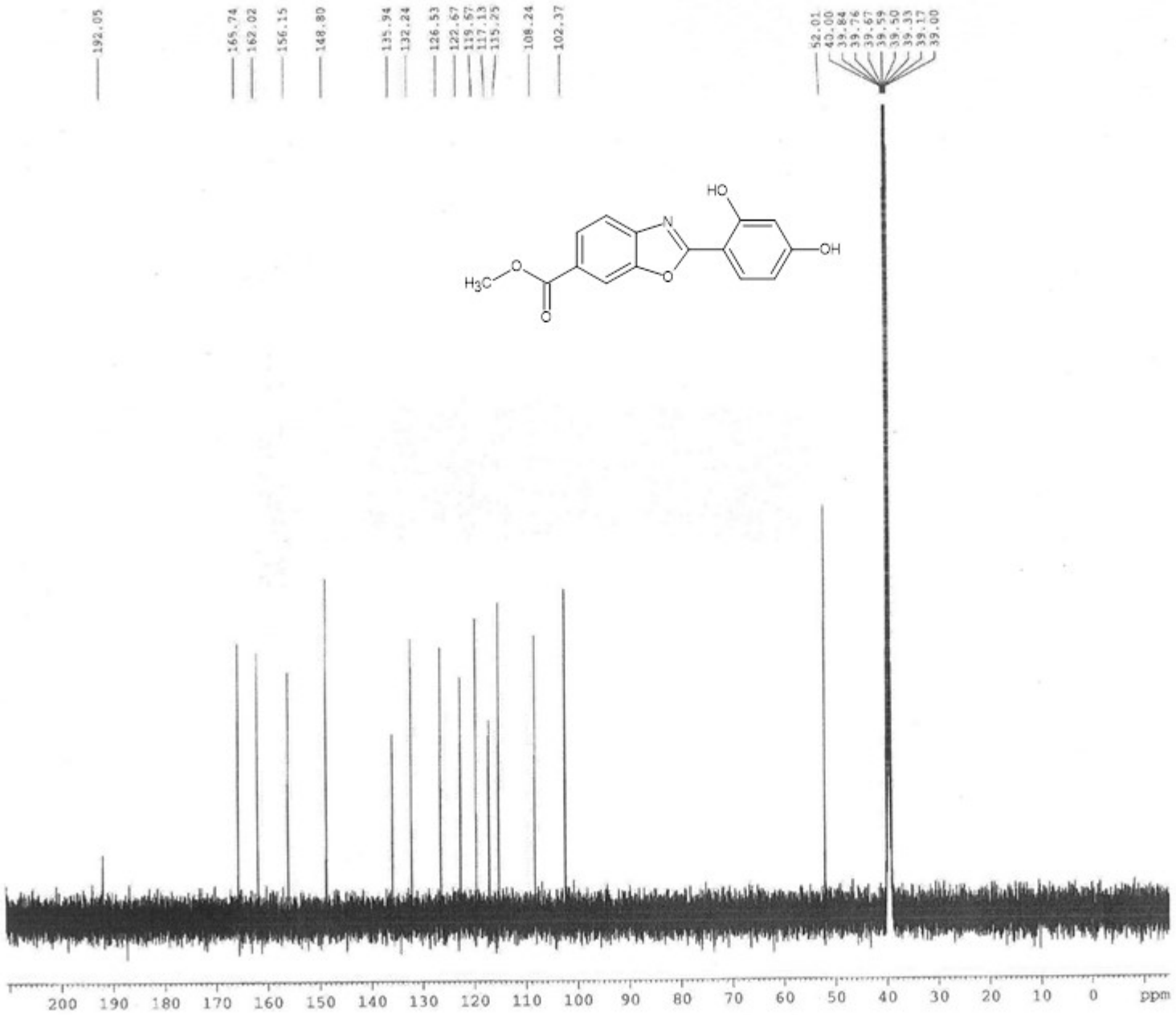
NUC1	1H
P1	3.00 usec
PL1	3.00 dB
SFO1	500.1330057 MHz

F2 - Processing parameters

SI	65536
SF	500.1300032 MHz
WDW	EM
SSB	0
LB	0.00 Hz
GB	0
PC	0.30

1D NMR plot parameters

CX	22.00 cm
F1P	11.919 ppm
F1	5961.24 Hz
F2P	-0.493 ppm
F2	-246.71 Hz
PPMCM	0.56421 ppm/cm
HZCM	282.17960 Hz/cm



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Current Data Parameters

EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Time	15.29
INSTRUM	DRX
PROBHD	5 mm TBI 1H/13
PULPROG	zgpg
TD	65536
SOLVENT	CDCl3
NS	572
DS	4
SWH	32679.738 Hz
FIDRES	0.498653 Hz
AQ	1.0027508 sec
RG	32768
DW	15.300 usec
DE	7.10 usec
TE	303.0 K
D1	1.00000000 sec
d11	0.03000000 sec
DELTA	0.89999998 sec
TD0	1

======== CHANNEL f1 ========

NUC1	13C
P1	5.00 usec
PL1	-3.00 dB
SFO1	125.7703643 MHz

======== CHANNEL f2 ========

CPDPRG2	waltz16
NUC2	1H
PCPD2	98.00 usec
PL2	3.00 dB
PL12	23.00 dB
PL13	32.00 dB
SFO2	500.1320005 MHz

F1 - Acquisition parameters

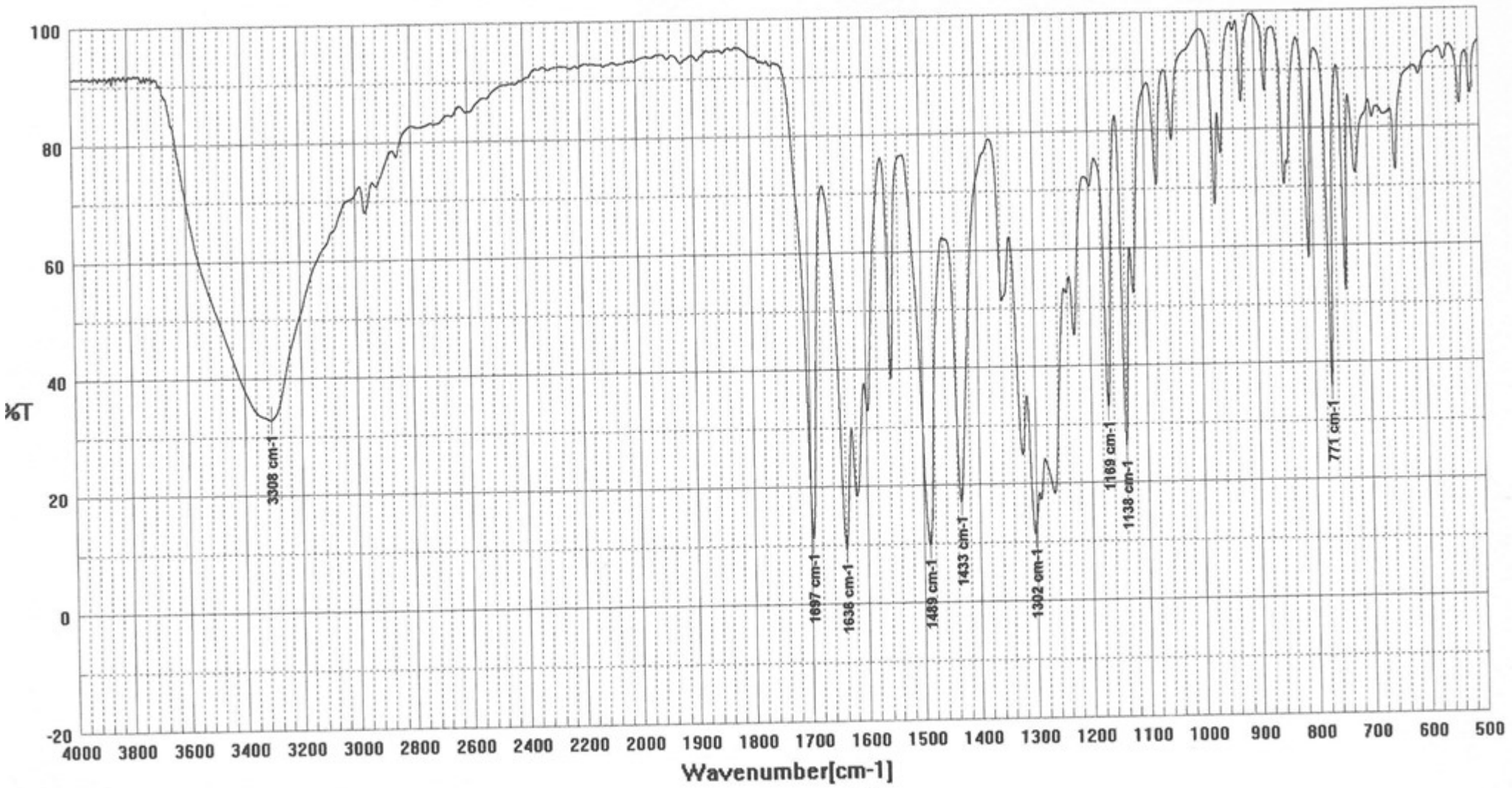
ND0	1
TD	128
SFO1	500.132 MHz
FIDRES	7.812500 Hz
SW	1.999 ppm
FnMODE	QF

F2 - Processing parameters

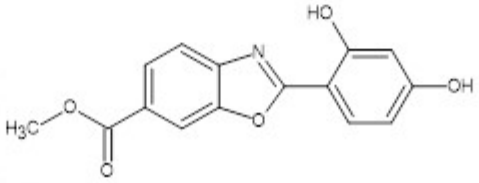
SI	262144
SF	125.7578525 MHz
WDW	EM
SSB	0
LB	0.50 Hz
GB	0
PC	1.40

F1 - Processing parameters

SI	1024
MC2	QF
SF	500.1300000 MHz
WDW	SINE
SSB	0
LB	0.30 Hz
GB	0.1

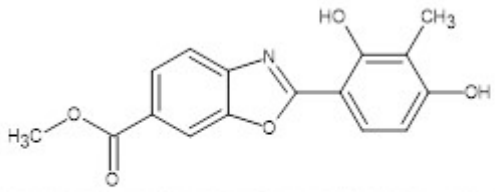


Sample	0,5mg/270mg KBr
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

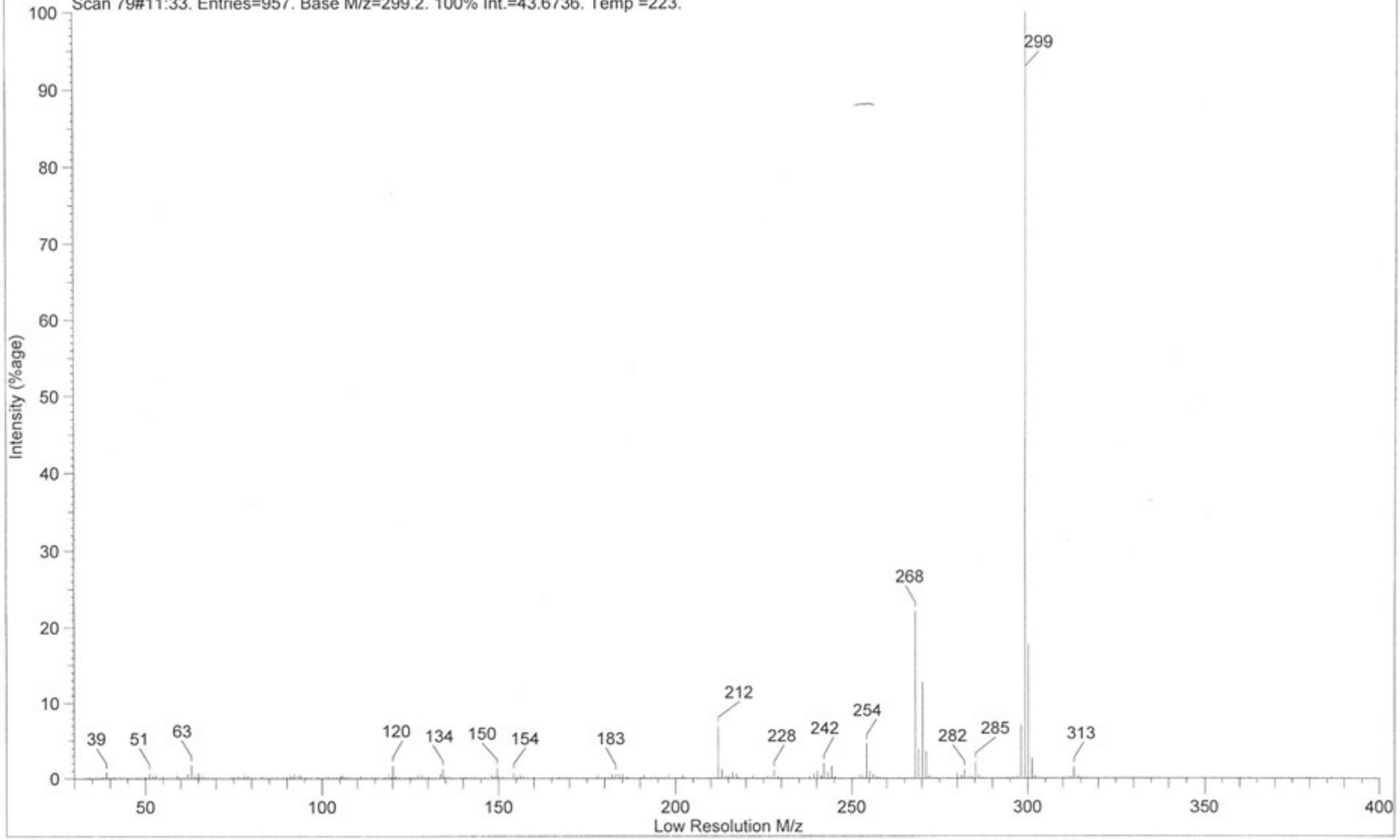


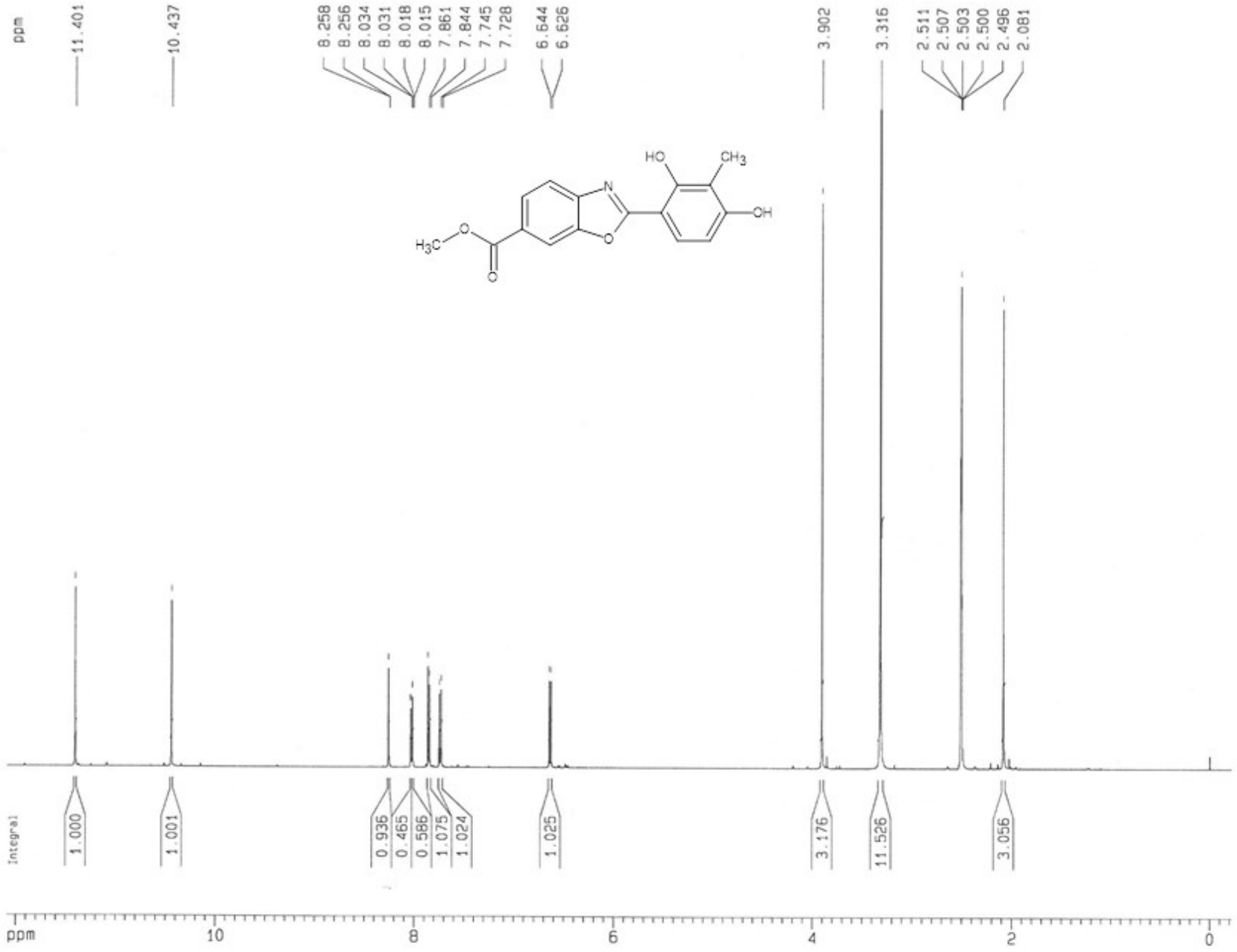
File Name : E:\Inne\LR_Lubl\an3915.ms2

File Type : Lo-Res Data - Ctd (Magnet)
File Source : Acquired on MASPEC II system [II32/99D9]
File : 4 EI 70 eV 33-800
Operator : Małgorzata
Instrument : AMD 604



SCAN GRAPH. Flagging=Nominal M/z.
Scan 79#11:33. Entries=957. Base M/z=299.2. 100% Int.=43.6736. Temp =223.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	9.49
INSTRUM	spect
PROBHD	5 mm TBI 1H/1
PULPROG	zg
TD	49152
SOLVENT	DMSO
NS	32
DS	0
SWH	10000.000 Hz
FIDRES	0.203451 Hz
AQ	2.4576499 sec
RG	256
DW	50.000 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

========== CHANNEL f1 ==========

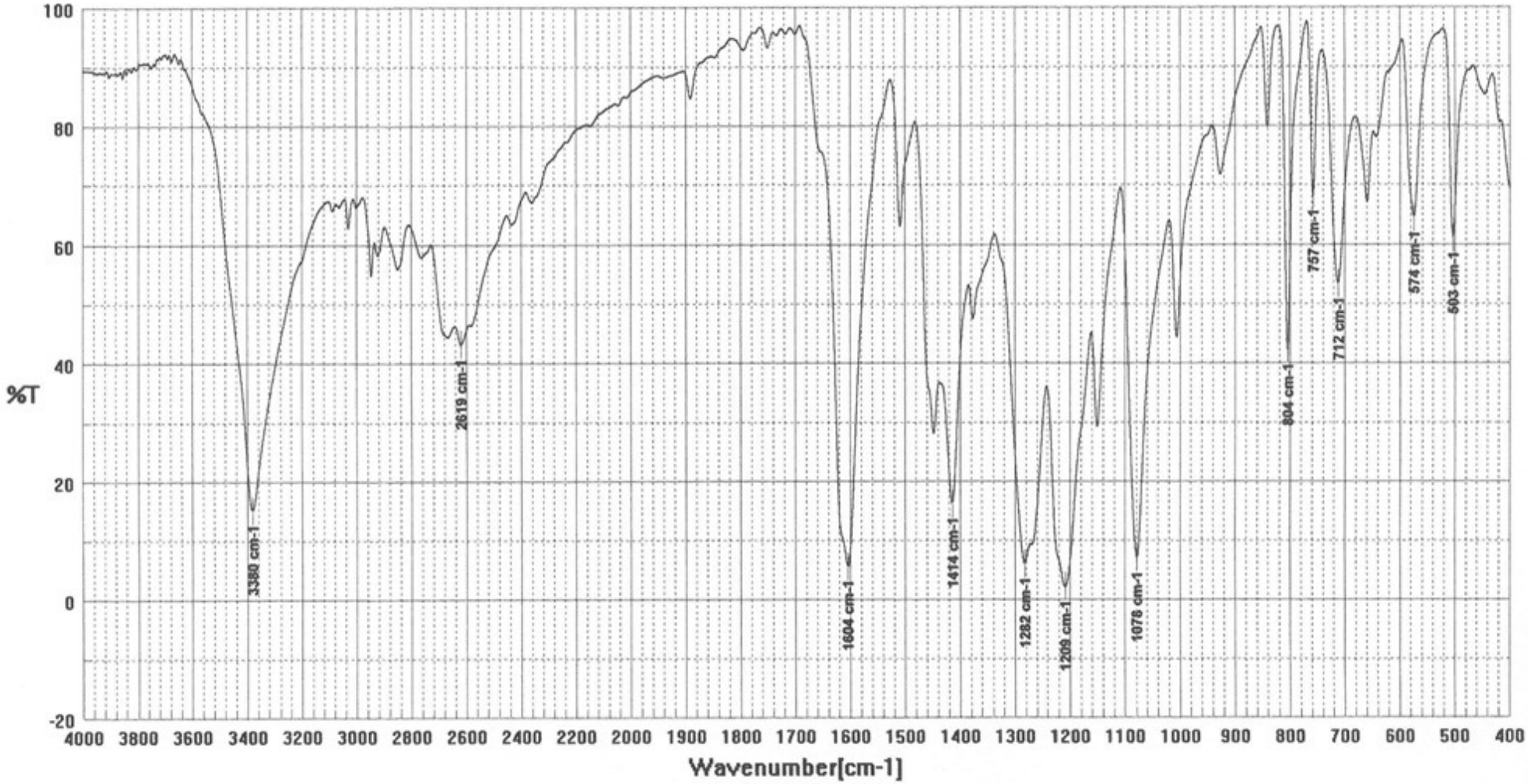
NUC1	1H
P1	3.00 usec
PL1	3.00 dB
SFO1	500.1330008 MHz

F2 - Processing parameters

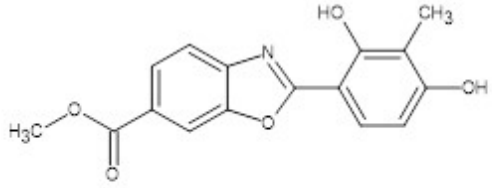
SI	65536
SF	500.1300043 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	8.00

1D NMR plot parameters

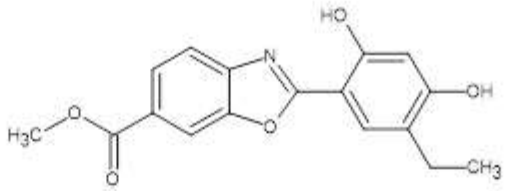
CX	22.00 cm
F1P	12.085 ppm
F1	6044.23 Hz
F2P	-0.219 ppm
F2	-109.45 Hz
PPMCM	0.55928 ppm/cm
HZCM	279.71274 Hz/cm



Sample Name	4 (1,0mg/270mg KBr)
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

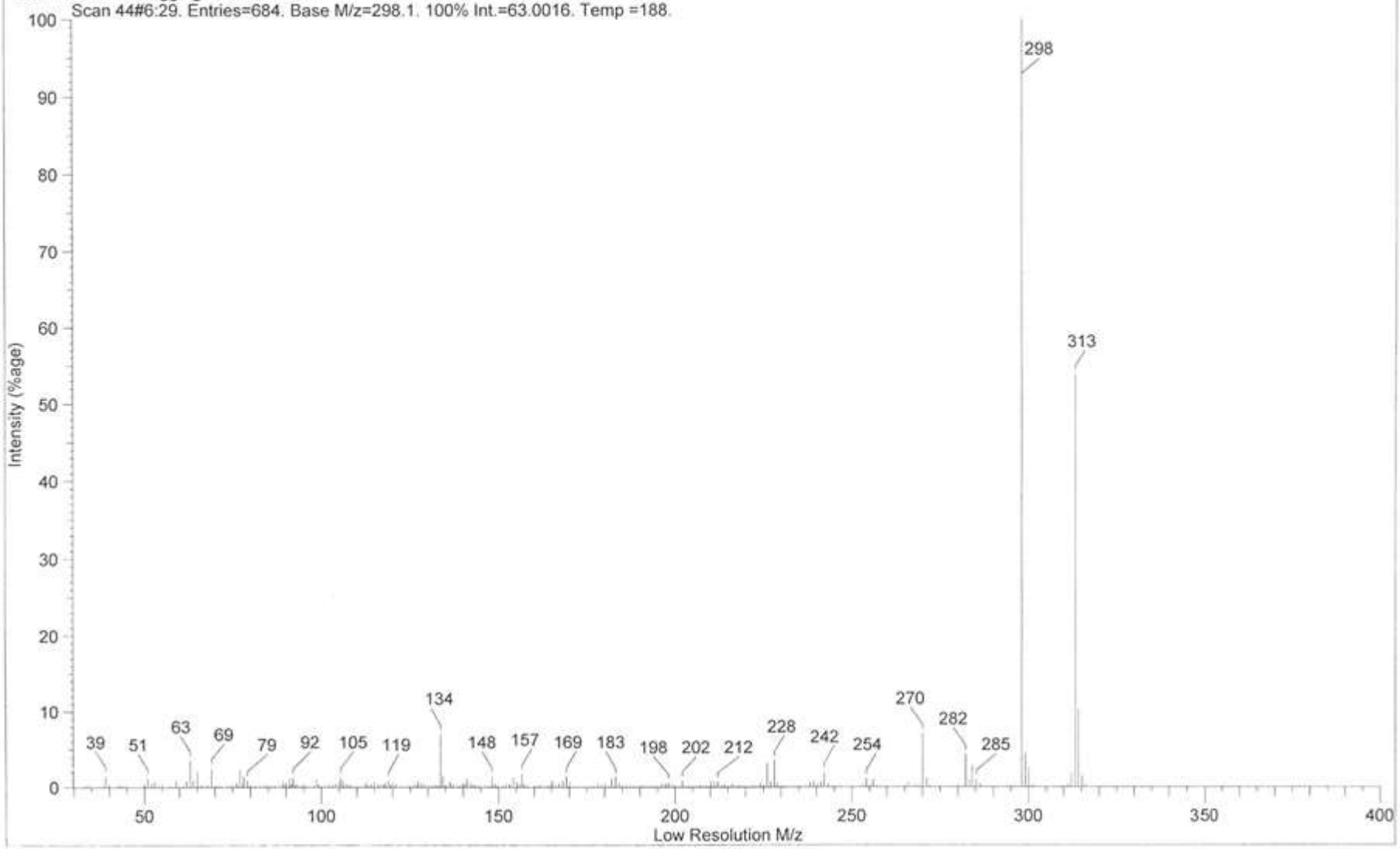


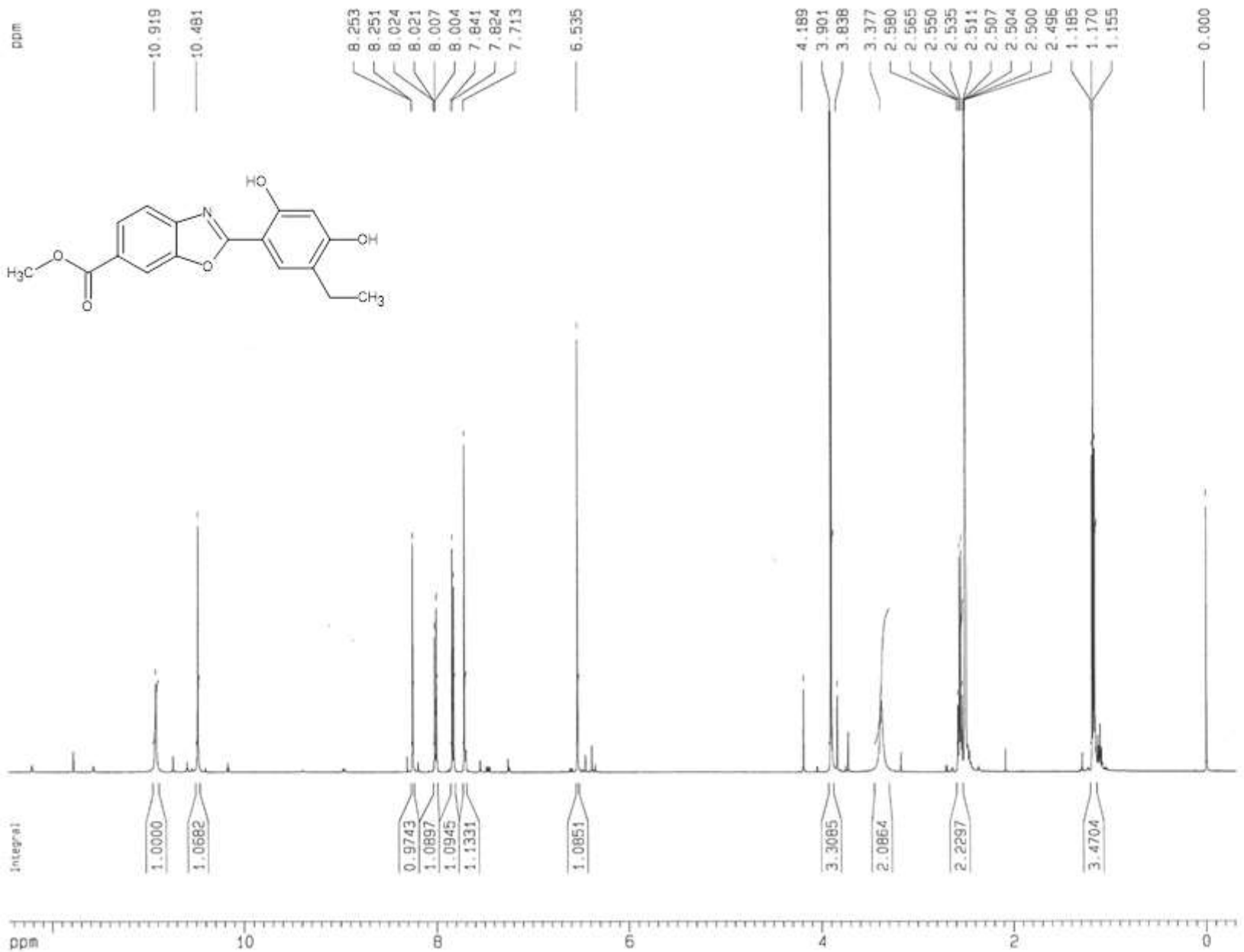
File Name	:	E:\Inne\LR_Lubl\an4454.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	5 (EI 70 eV 33-800)
Operator	:	Małgorzata
Instrument	:	AMD 604



SCAN GRAPH. Flagging=Nominal M/z.

Scan 44#6:29. Entries=684. Base M/z=298.1. 100% Int.=63.0016. Temp =188.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	20.14
INSTRUM	spect
PROBHD	5 mm TBI 1H/1
PULPROG	zg
TD	49152
SOLVENT	DMSO
NS	32
DS	0
SWH	8012.820 Hz
FIDRES	0.163021 Hz
AQ	3.0671349 sec
RG	203.2
DW	62.400 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

========== CHANNEL f1 ==========

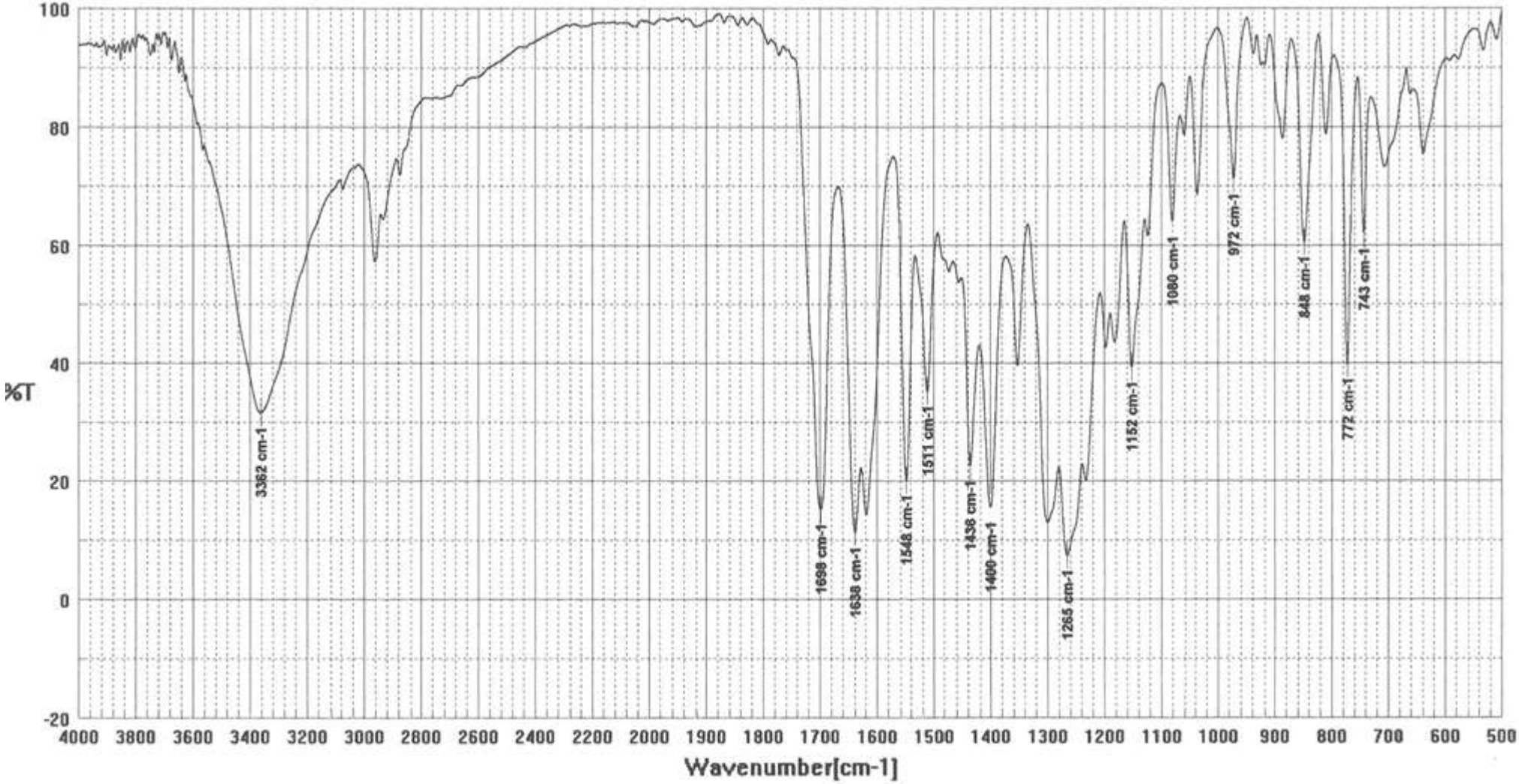
NUC1	1H
P1	3.00 usec
PL1	3.00 dB
SFO1	500.1335009 MHz

F2 - Processing parameters

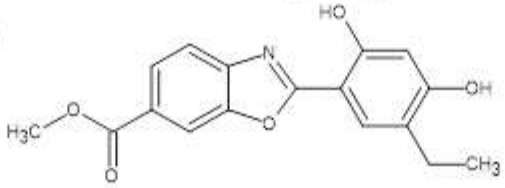
SI	65536
SF	500.1300036 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	8.00

1D NMR plot parameters

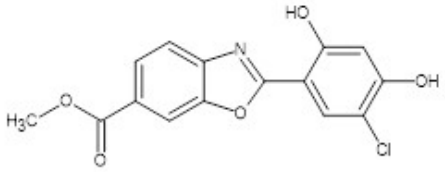
CX	22.00 cm
F1P	12.453 ppm
F1	6228.23 Hz
F2P	-0.314 ppm
F2	-156.99 Hz
PPMCM	0.58032 ppm/cm
HZCM	290.23712 Hz/cm



Sample Name	5 (0,8mg/270mg KBr)
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

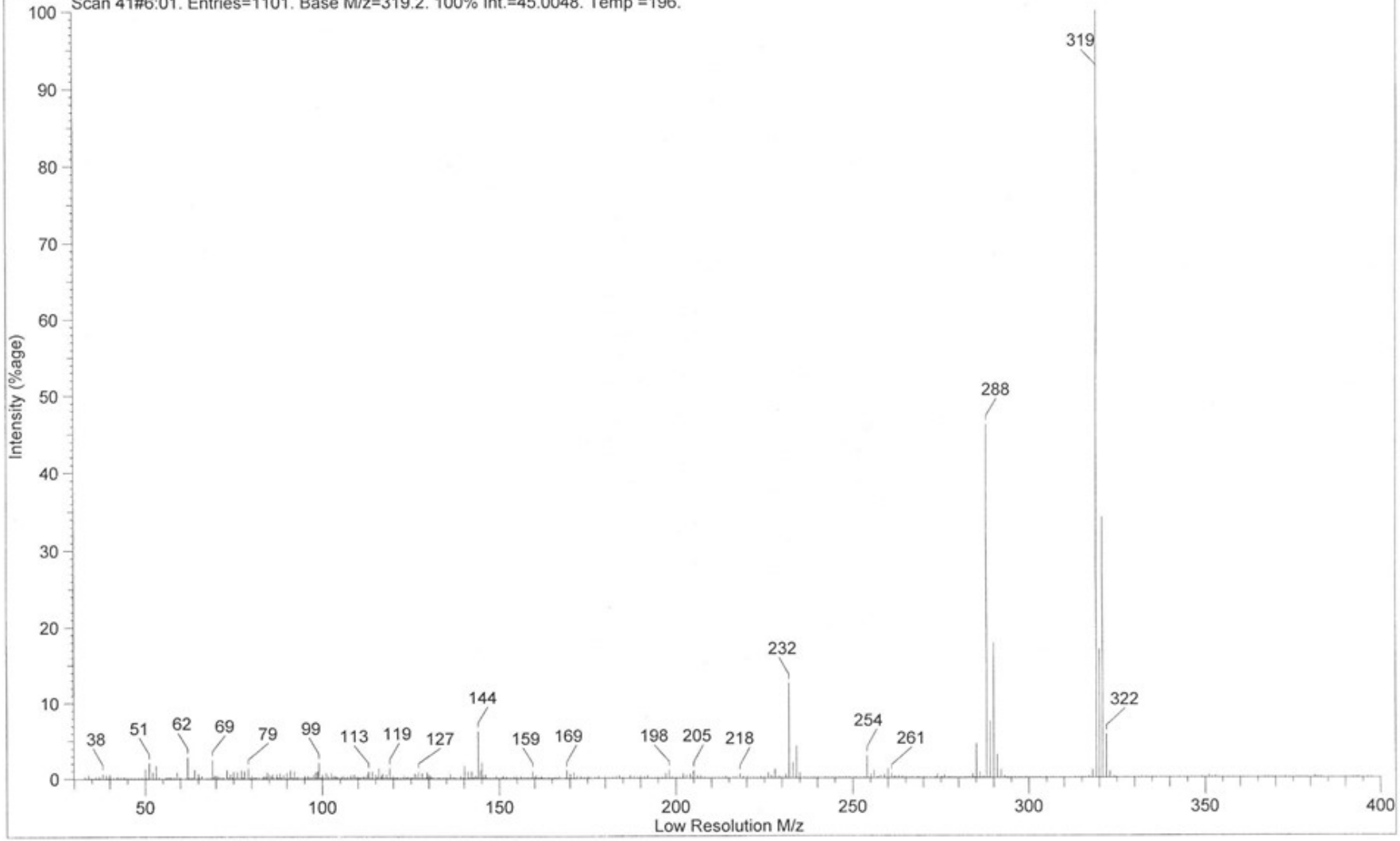


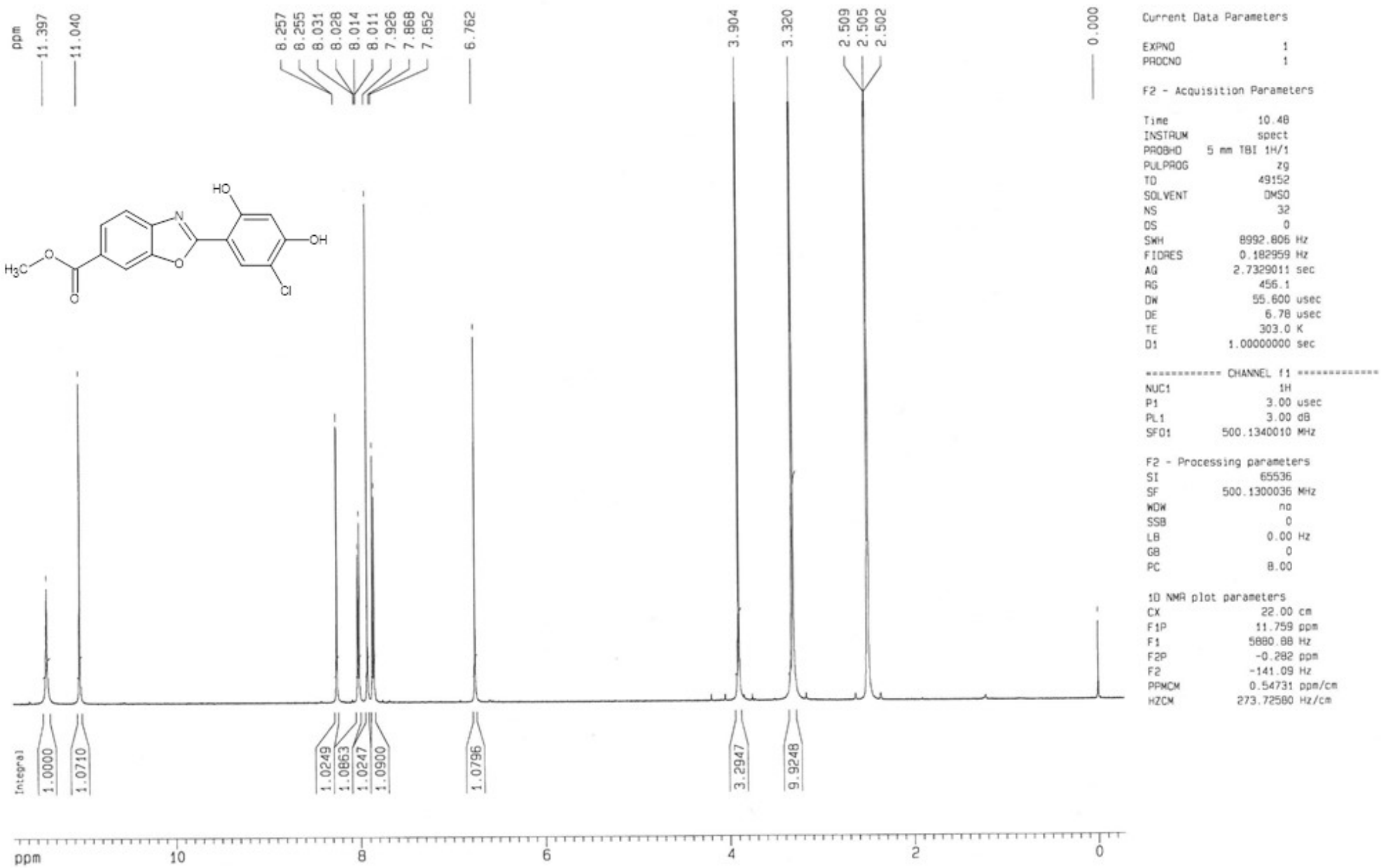
File Name	:	E:\Inne\LR_Lubl\an3917.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	6 (EI 70 eV 33-800)
Operator	:	Małgorzata
Instrument	:	AMD 604



SCAN GRAPH. Flagging=Nominal M/z.

Scan 41#6:01. Entries=1101. Base M/z=319.2. 100% Int.=45.0048. Temp =196.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	10.48
INSTRUM	spect
PROBHD	5 mm TBI 1H/1
PULPROG	zg
TD	49152
SOLVENT	DMSO
NS	32
DS	0
SWH	8992.806 Hz
FIDRES	0.182959 Hz
AQ	2.7329011 sec
RG	456.1
DW	55.600 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

========== CHANNEL f1 ==========

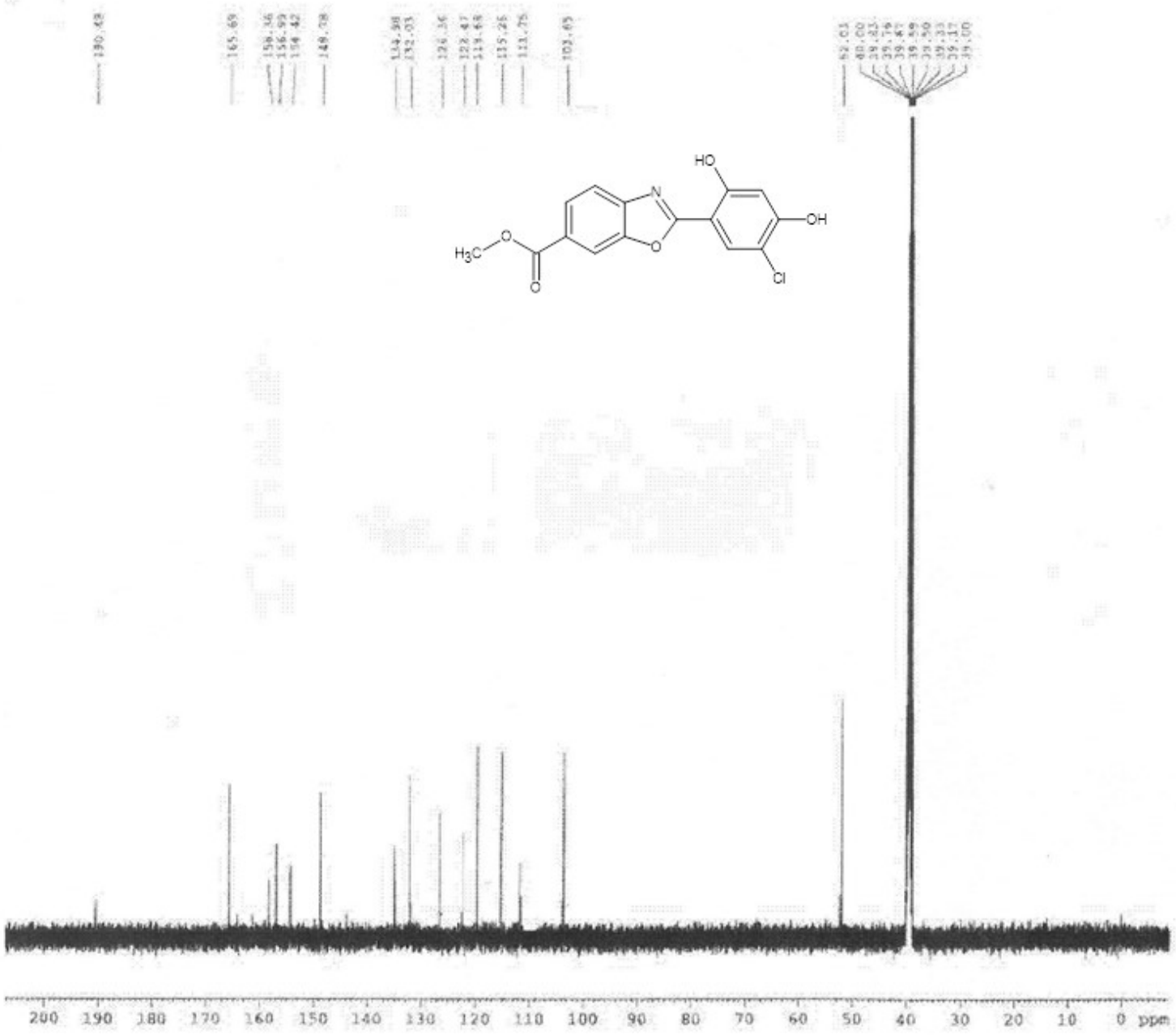
NUC1	1H
P1	3.00 usec
PL1	3.00 dB
SFO1	500.1340010 MHz

F2 - Processing parameters

SI	65536
SF	500.1300036 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	8.00

1D NMR plot parameters

CX	22.00 cm
F1P	11.759 ppm
F1	5880.88 Hz
F2P	-0.282 ppm
F2	-141.09 Hz
PPMCM	0.54731 ppm/cm
HZCM	273.72580 Hz/cm



BRUKER

Current Data Parameters

EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Time	14.53
INSTRUM	DRX
PROBHD	5 mm TBI 1H/13
PULPROG	zgpg
TD	65536
SOLVENT	CDCl3
NS	1000
DS	4
SWH	32679.738 Hz
FIDRES	0.498653 Hz
AQ	1.0027508 sec
RG	203.2
DW	15.300 usec
DE	7.10 usec
TE	303.0 K
D1	1.00000000 sec
d11	0.03000000 sec
DELTA	0.89999998 sec
TD0	1

======== CHANNEL f1 ========

NUC1	13C
P1	5.00 usec
PL1	-3.00 dB
SFO1	125.7703643 MHz

======== CHANNEL f2 ========

CPDPRG2	waltz16
NUC2	1H
PCPD2	98.00 usec
PL2	3.00 dB
PL12	23.00 dB
PL13	32.00 dB
SFO2	500.1320005 MHz

F1 - Acquisition parameters

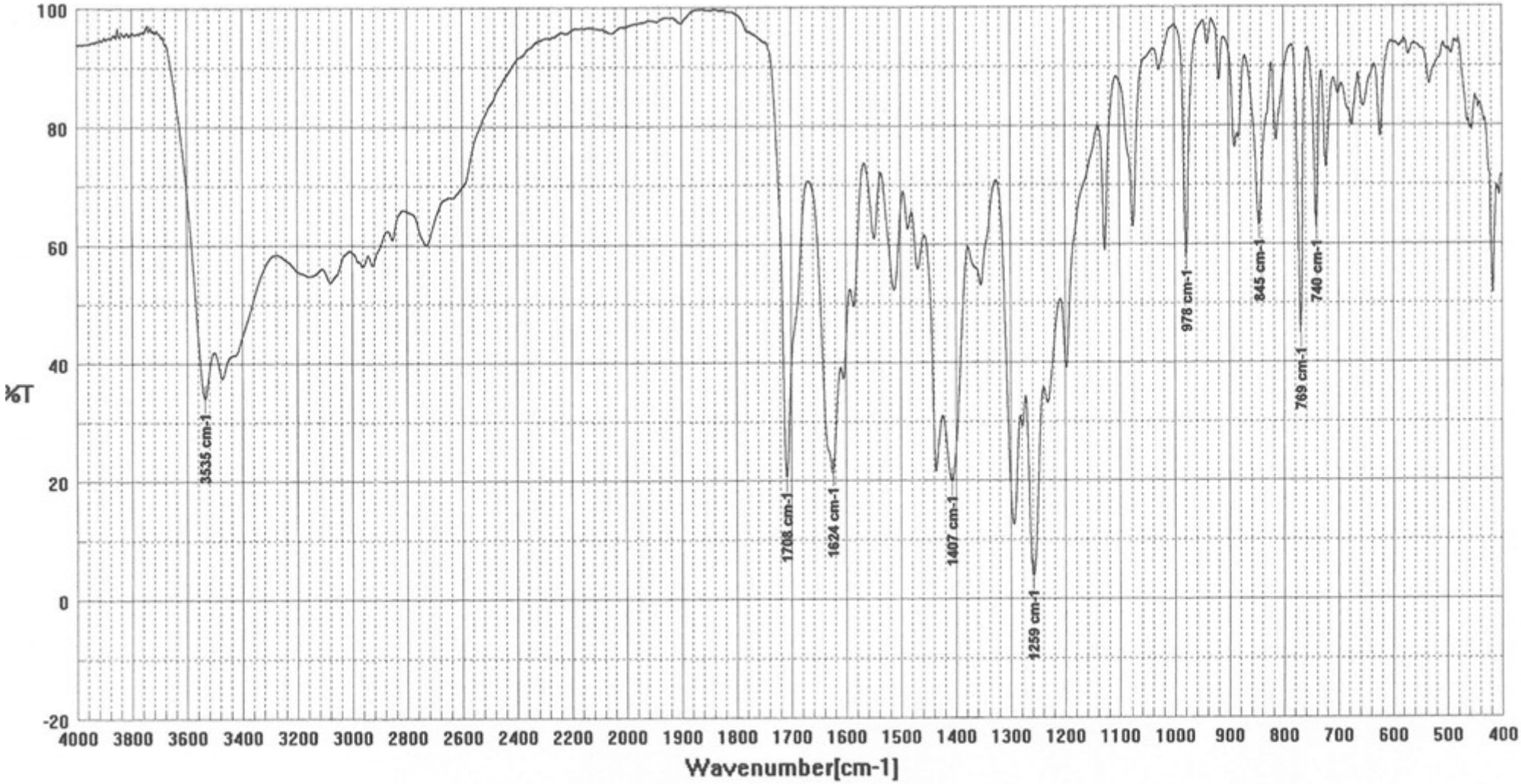
NDO	1
TD	128
SFO1	500.132 MHz
FIDRES	7.812500 Hz
SW	1.999 ppm
FnMODE	QF

F2 - Processing parameters

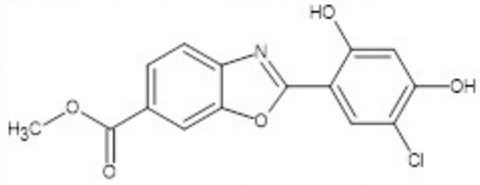
SI	262144
SF	125.7578518 MHz
WDW	EM
SSB	0
LB	0.50 Hz
GB	0
PC	1.40

F1 - Processing parameters

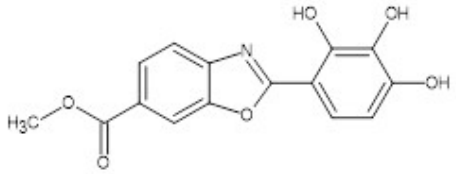
SI	1024
MC2	QF
SF	500.1300000 MHz
WDW	SINE
SSB	0
LB	0.30 Hz
GB	0.1



Sample Name	6 (0,8mg/270mg KBr)
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

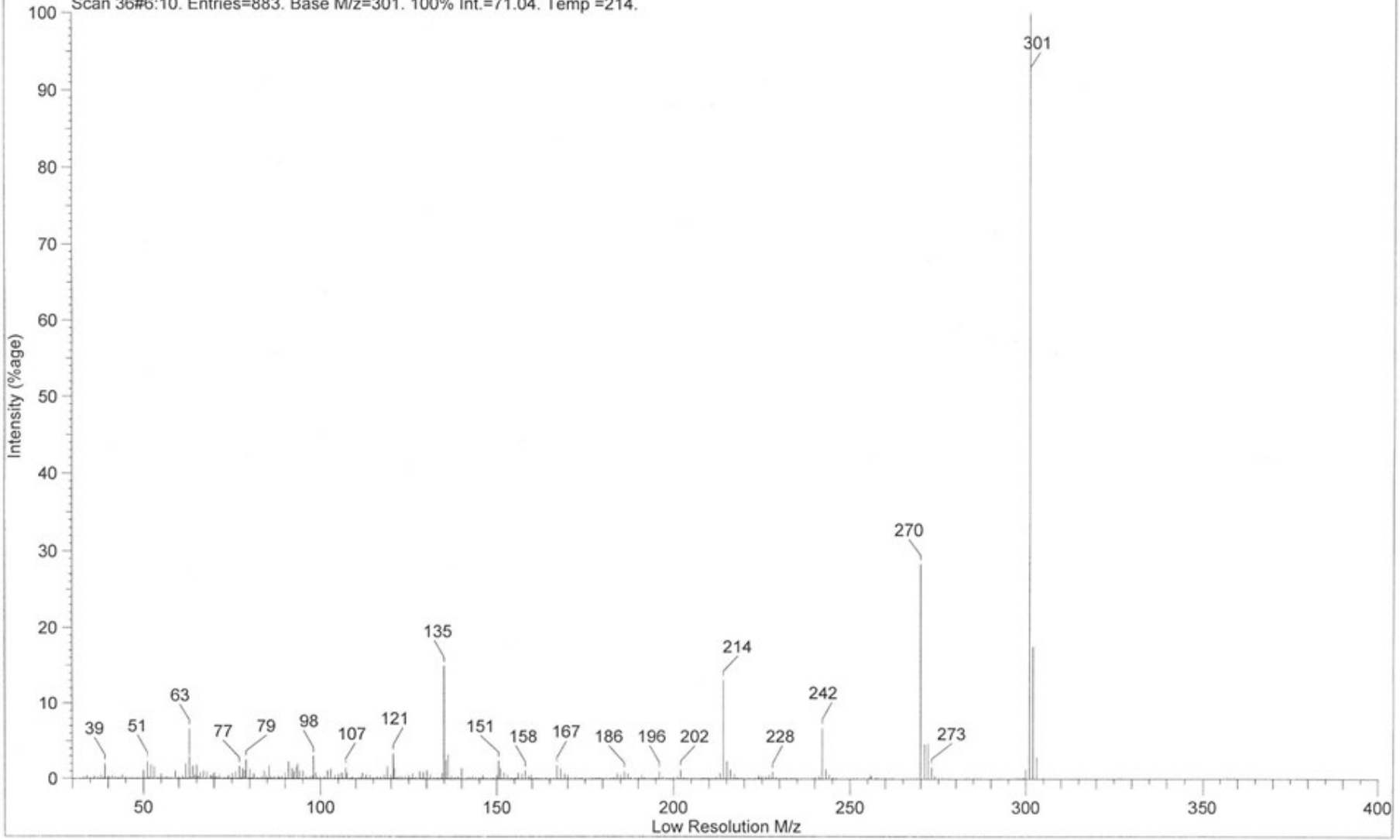


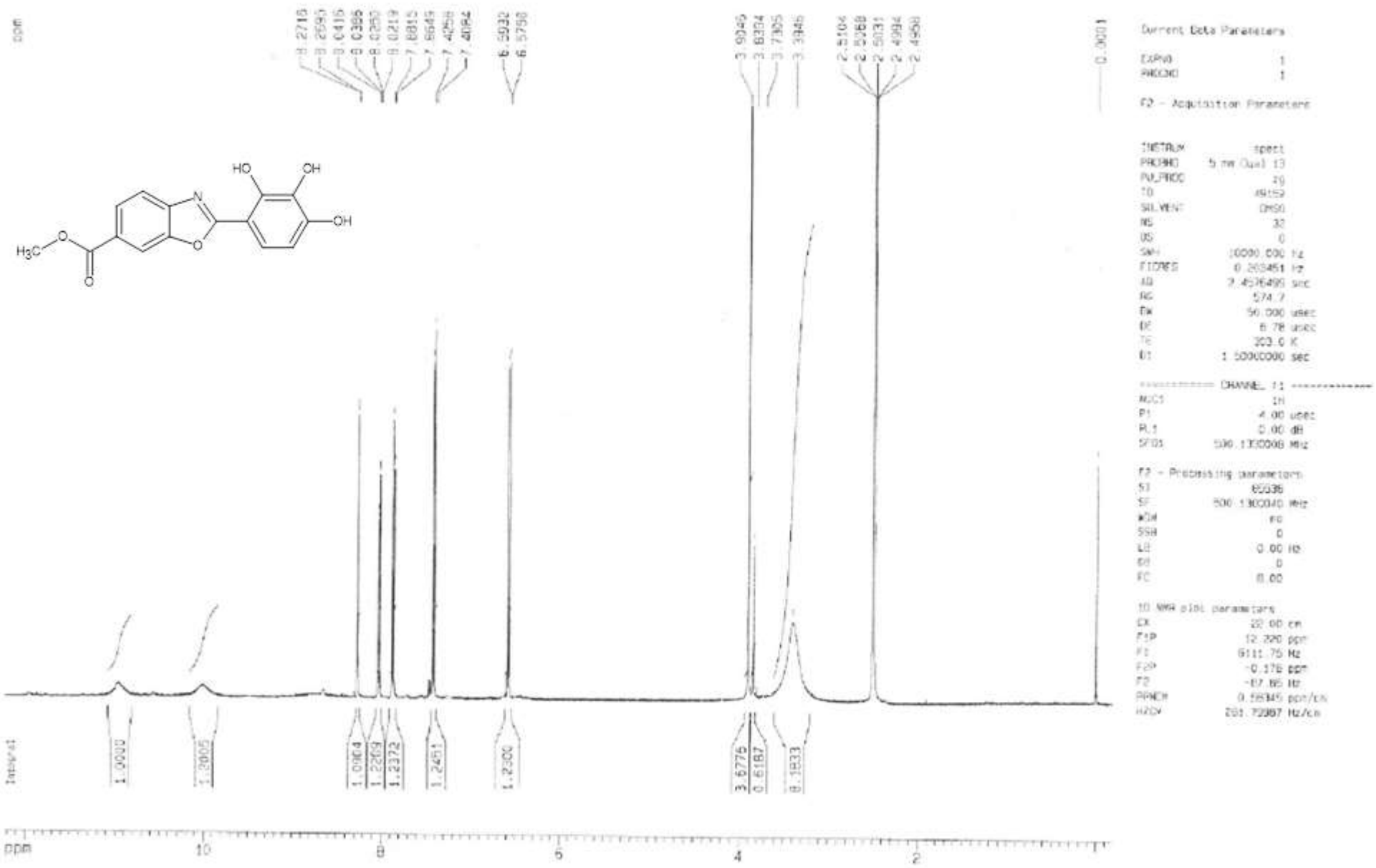
File Name	:	E:\Inne\LR_Lubl\an3920.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	7 (EI 70 eV 33-800)
Operator	:	Małgorzata
Instrument	:	AMD 604



SCAN GRAPH. Flagging=Nominal M/z.

Scan 36#6:10. Entries=883. Base M/z=301. 100% Int.=71.04. Temp =214.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

SPECTRUM	spect
PROBHD	5 mm Dual 13
PULPROG	zg
TD	65159
SOLVENT	DMSO
NS	32
DS	0
SWH	10000.000 Hz
FIDRES	0.153451 Hz
AQ	3.2636495 sec
RG	574.7
DW	50.000 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

---------- CHANNEL f1 ----------

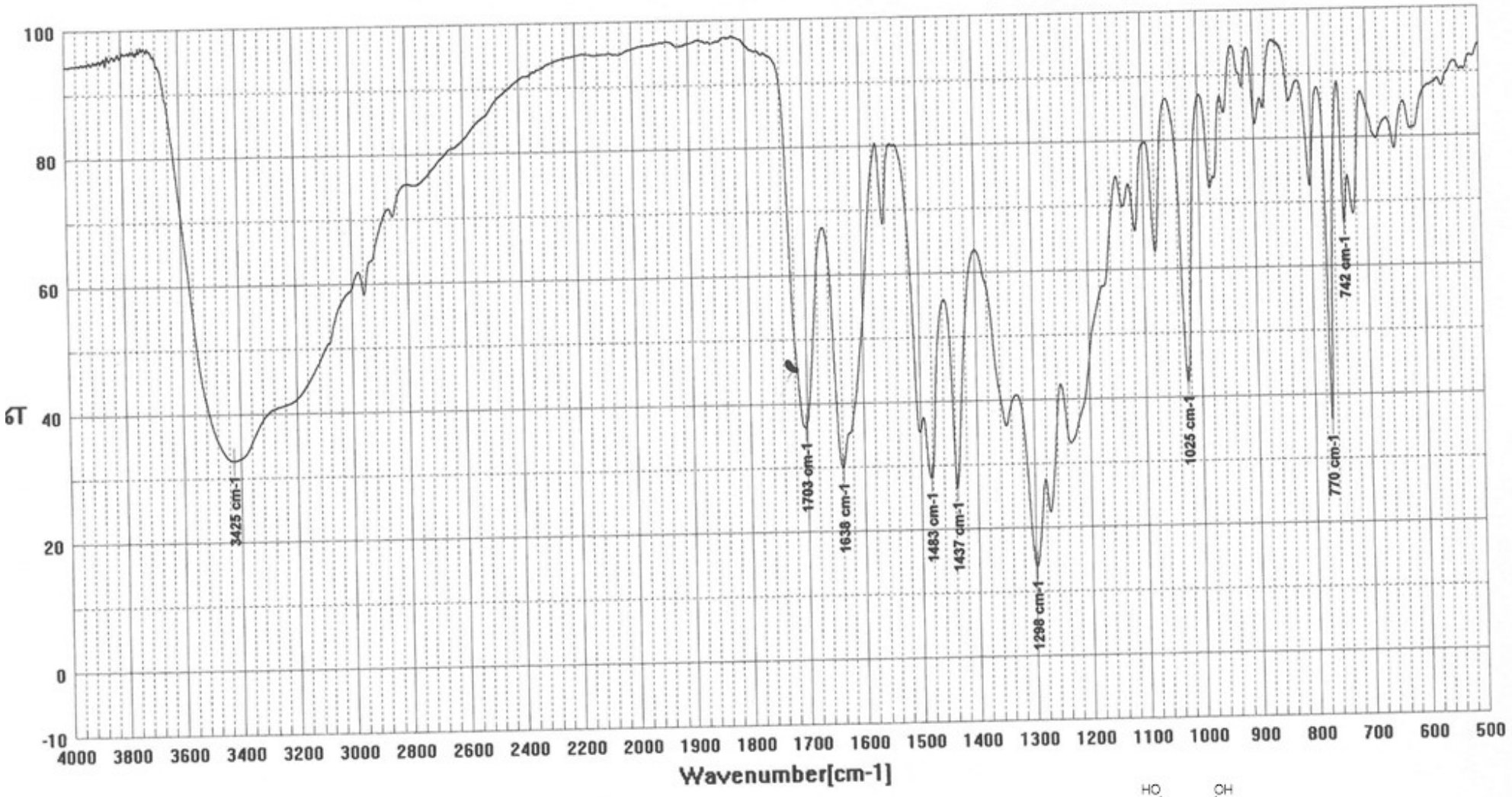
NUC1	1H
P1	4.00 usec
PL1	0.00 dB
SFO1	500.1330008 MHz

F2 - Processing parameters

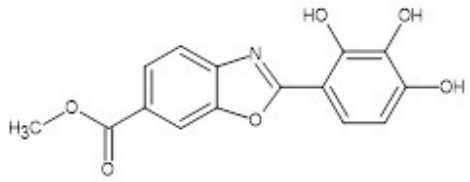
SI	65536
SF	500.1300040 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	0.00

1D NMR plot parameters

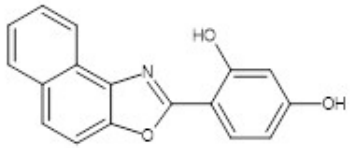
CX	20.00 cm
F1P	12.320 ppm
F1	6161.75 Hz
F2P	-0.176 ppm
F2	-87.85 Hz
PPMCM	0.59345 ppm/cm
HZCM	296.79367 Hz/cm



Sample Name	7 (0,7mg/270mg KBr)
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

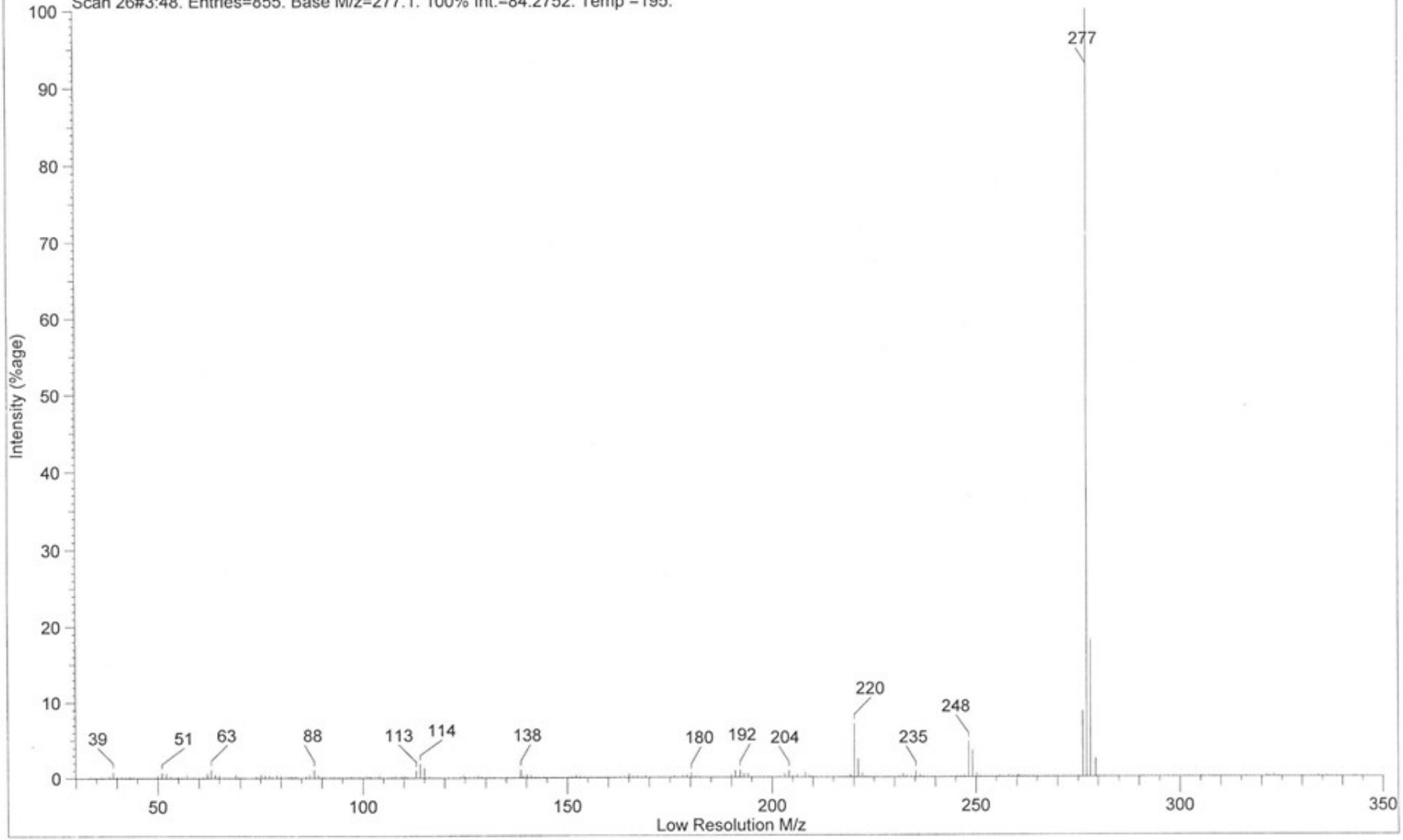


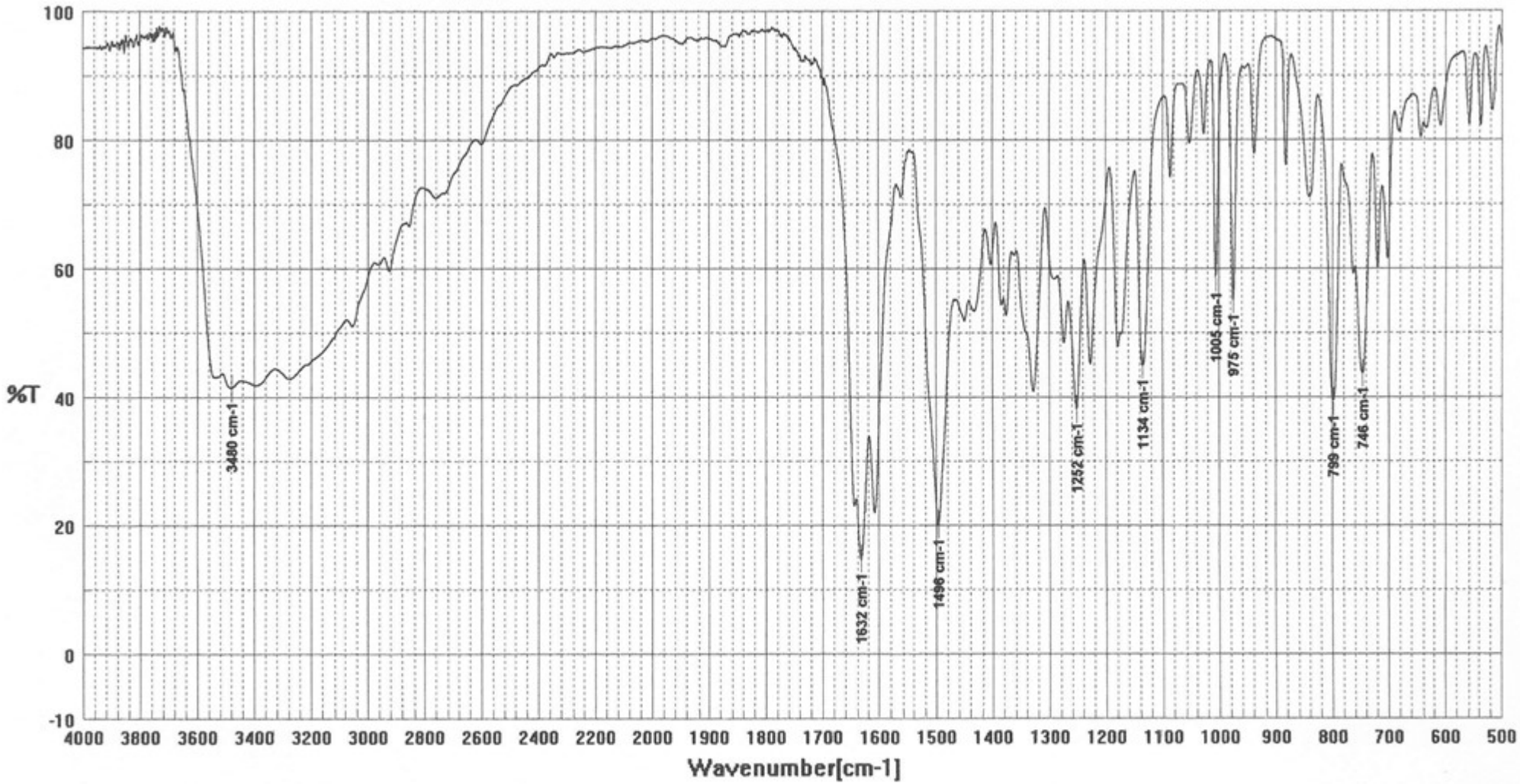
File Name	:	E:\Inne\LR_Lubl\an3933.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	8 (EI 70 eV 33-800)
Operator	:	Małgorzata
Instrument	:	AMD 604



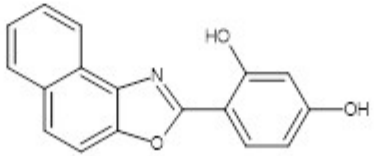
SCAN GRAPH. Flagging=Nominal M/z.

Scan 26#3:48. Entries=855. Base M/z=277.1. 100% Int.=84.2752. Temp =195.

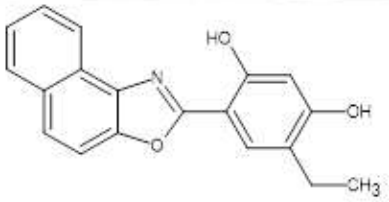




Sample Name	8 (0,8mg/270mg KBr)
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

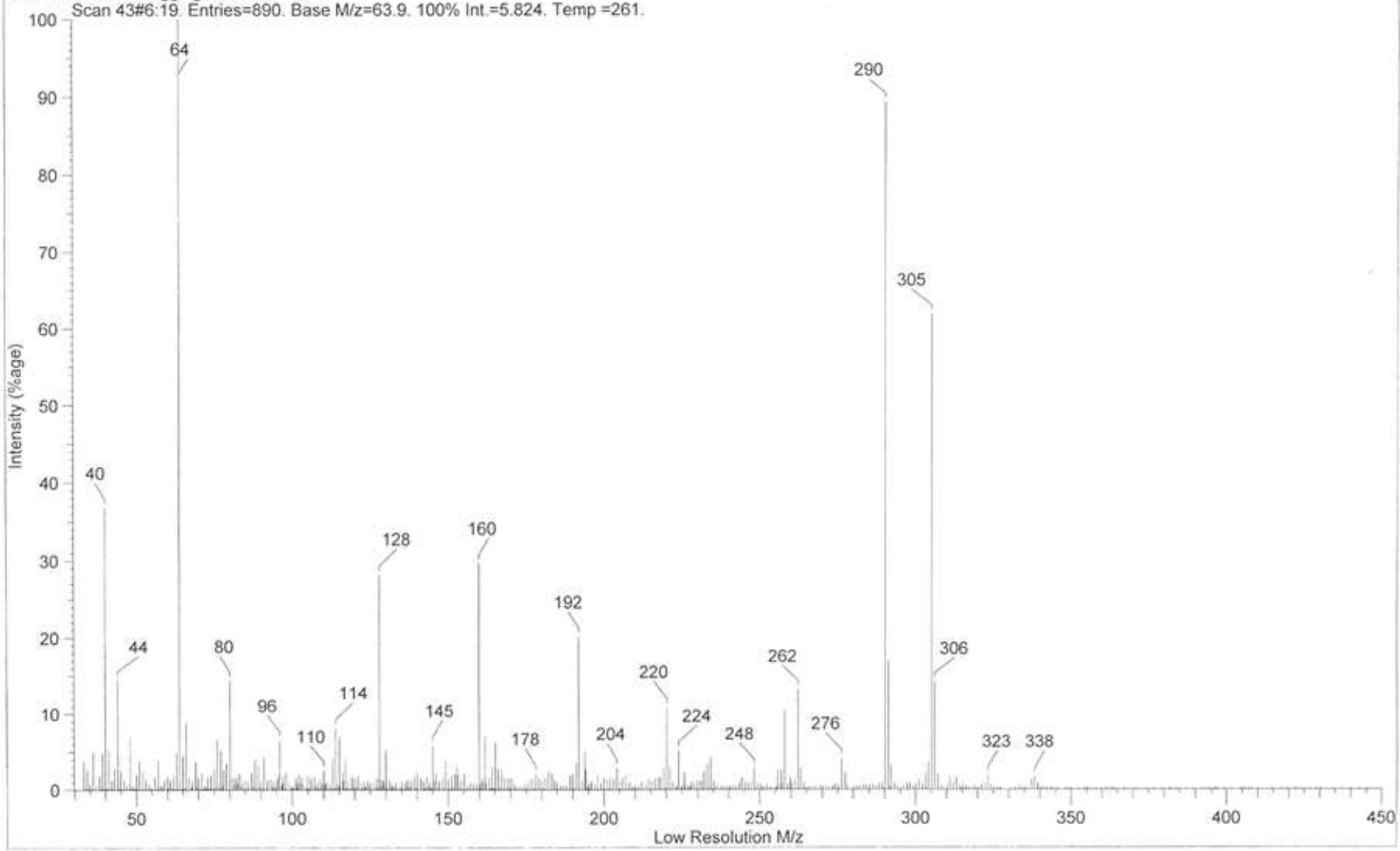


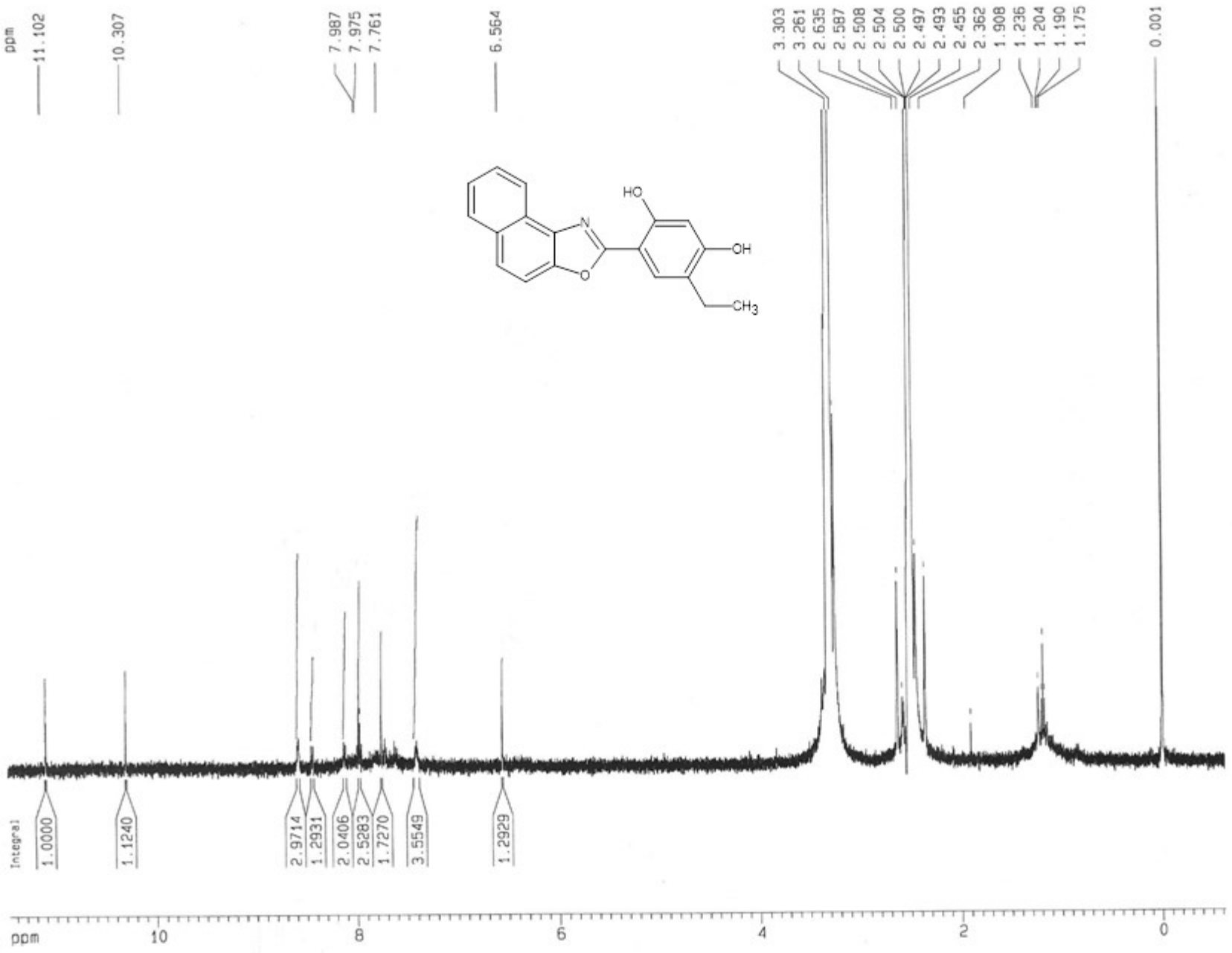
File Name	:	E:\Inne\LR_Lubl\an4461.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	9 EI 70 eV 33-800
Operator	:	Malgorzata
Instrument	:	AMD 604



SCAN GRAPH. Flagging=Nominal M/z.

Scan 43#6:19. Entries=890. Base M/z=63.9. 100% Int.=5.824. Temp =261.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	19.22
INSTRUM	spect
PROBHD	5 mm TBI 1H/1
PULPROG	zg
TD	49152
SOLVENT	CDCl3
NS	32
DS	0
SWH	8992.806 Hz
FIDRES	0.182959 Hz
AQ	2.7329011 sec
RG	256
DW	55.600 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

========== CHANNEL f1 ==========

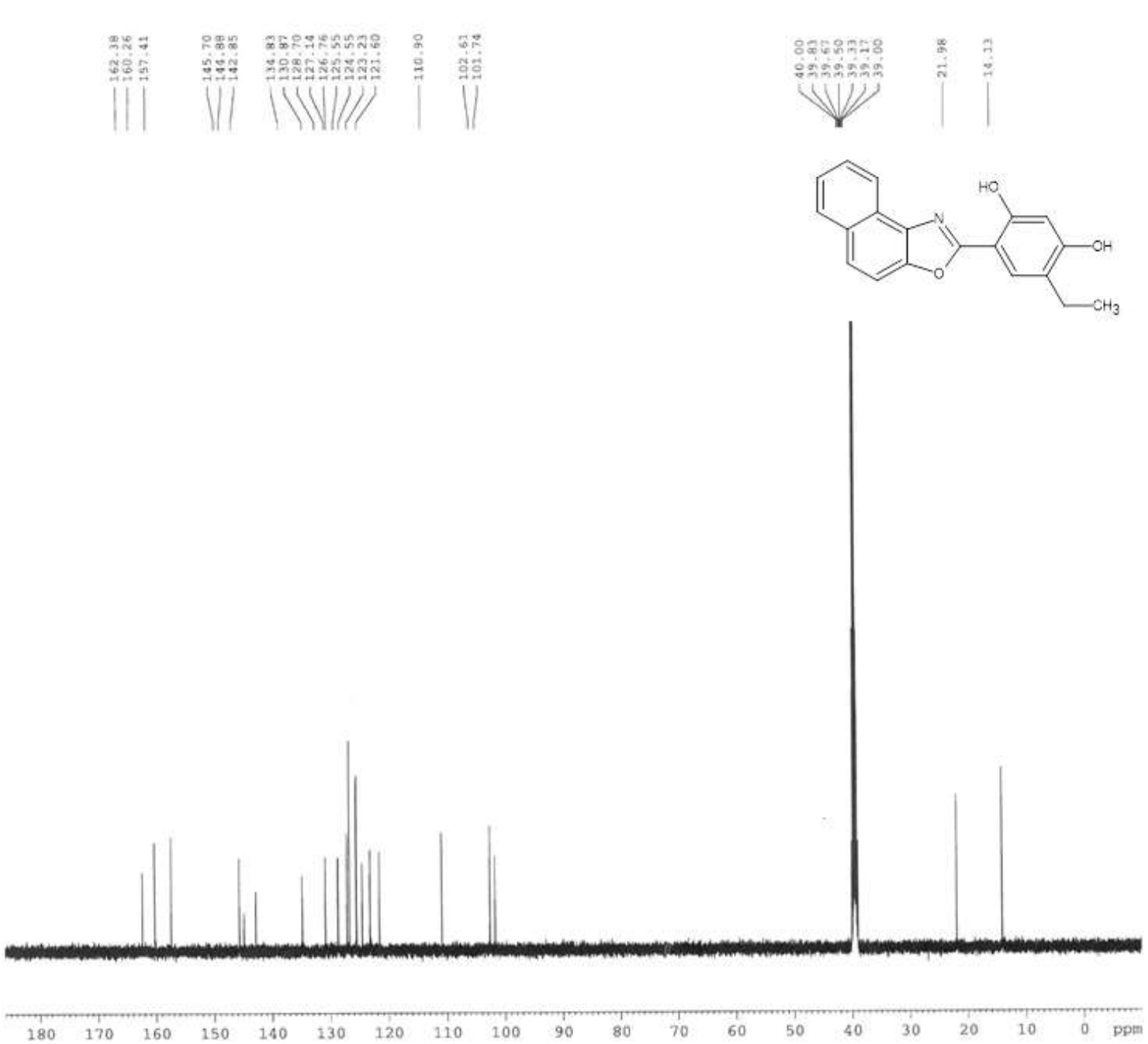
NUC1	1H
P1	3.00 usec
PL1	3.00 dB
SF01	500.1340010 MHz

F2 - Processing parameters

SI	65536
SF	500.1300051 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	2.00

1D NMR plot parameters

CX	22.00 cm
F1P	11.478 ppm
F1	5740.57 Hz
F2P	-0.623 ppm
F2	-311.59 Hz
PPMCM	0.55005 ppm/cm
HZCM	275.09811 Hz/cm



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Current Data Parameters

EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Time	11.58
INSTRUM	DRX
PROBHD	5 mm TBI 1H/13
PULPROG	zgpg
TD	65536
SOLVENT	CDCl3
NS	777
DS	4
SWH	32679.738 Hz
FIDRES	0.498653 Hz
AQ	1.0027508 sec
RG	32768
DW	15.300 usec
DE	7.10 usec
TE	303.0 K
D1	1.00000000 sec
d11	0.03000000 sec
DELTA	0.89999998 sec
TD0	1

======== CHANNEL f1 ========

NUC1	13C
P1	5.00 usec
PL1	-3.00 dB
SFO1	125.7703643 MHz

======== CHANNEL f2 ========

CPDPRG2	waltz16
NUC2	1H
PCPD2	98.00 usec
PL2	3.00 dB
PL12	23.00 dB
PL13	32.00 dB
SFO2	500.1320005 MHz

F1 - Acquisition parameters

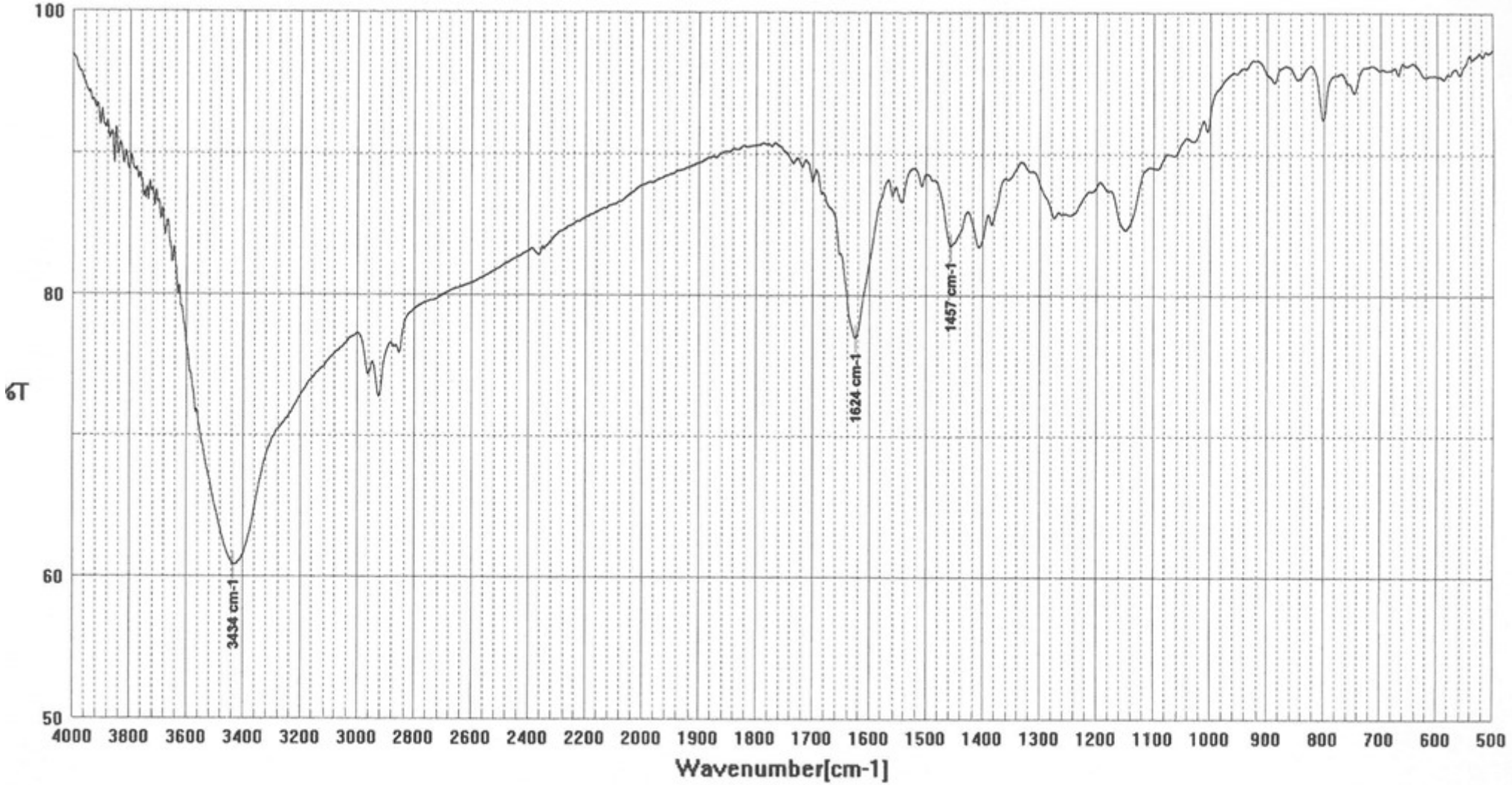
ND0	1
TD	128
SFO1	500.132 MHz
FIDRES	7.812500 Hz
SW	1.999 ppm
FnMODE	QF

F2 - Processing parameters

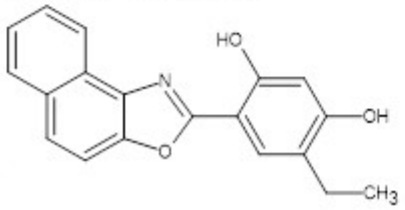
SI	262144
SF	125.7578550 MHz
WDW	EM
SSB	0
LB	0.50 Hz
GB	0
PC	1.40

F1 - Processing parameters

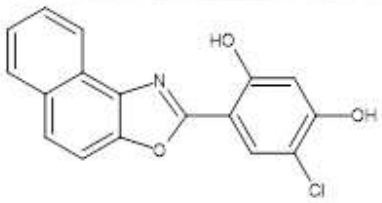
SI	1024
MC2	QF
SF	500.1300000 MHz
WDW	SINE
SSB	0
LB	0.30 Hz
GB	0.1



Sample Name	(0,7mg/270mg KBr)
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

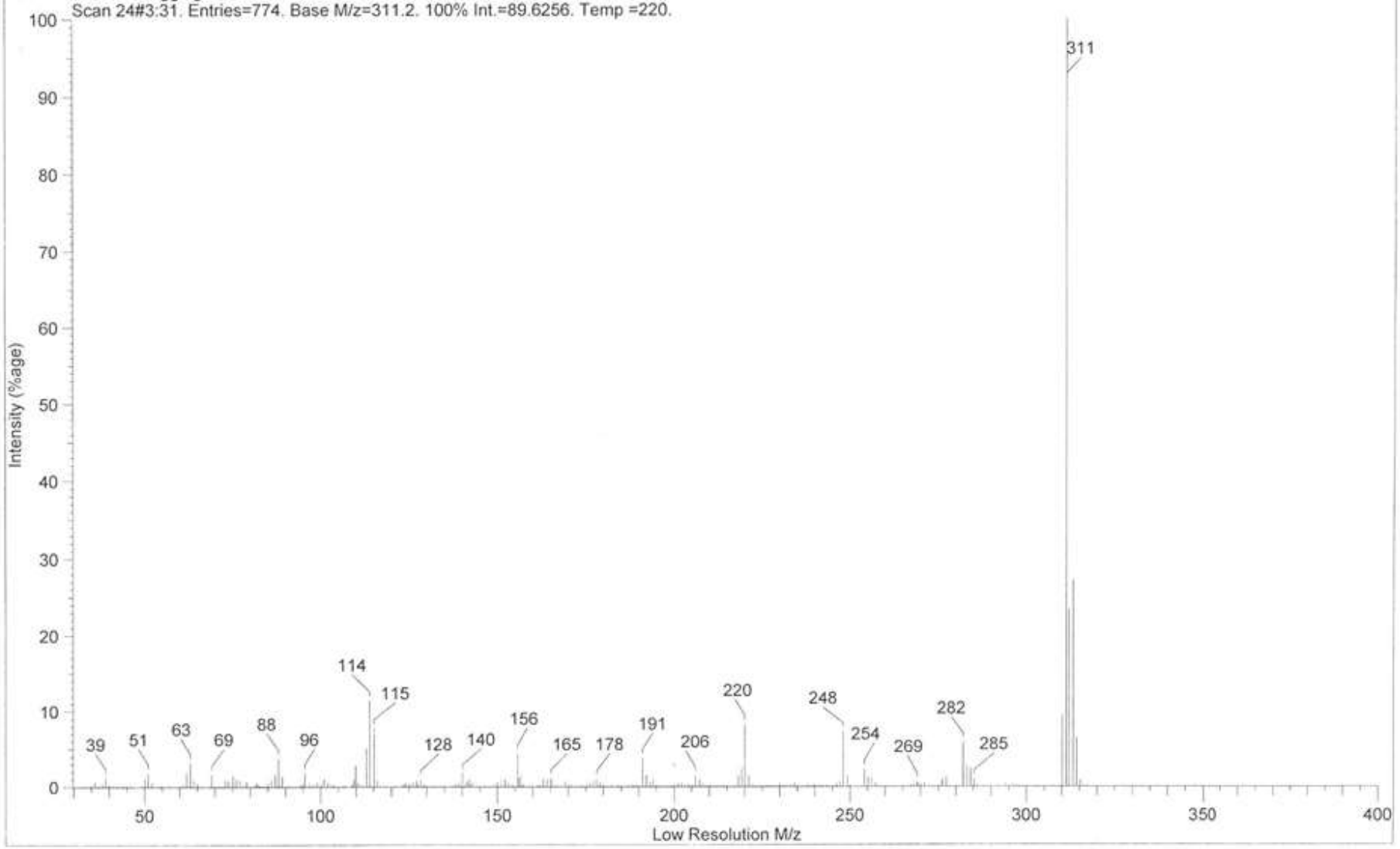


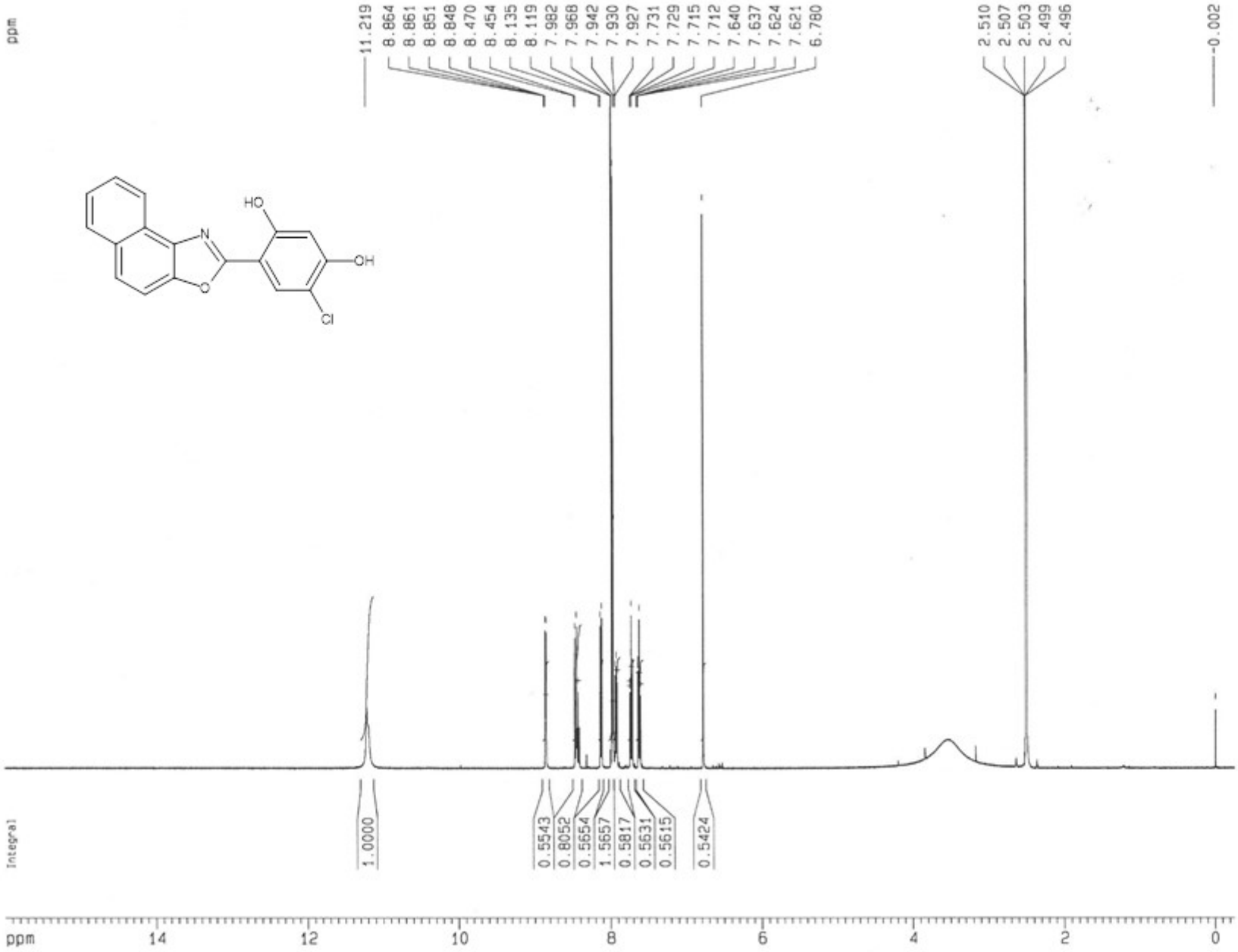
File Name	:	E:\Inne\LR_Lubl\an4460.ms2
File Type	:	Lo-Res Data - Ctd (Magnet)
File Source	:	Acquired on MASPEC II system [II32/99D9]
File Title	:	10 (EI 70 eV 33-800)
Operator	:	Małgorzata
Instrument	:	AMD 604



SCAN GRAPH. Flagging=Nominal M/z.

Scan 24#3:31. Entries=774. Base M/z=311.2. 100% Int.=89.6256. Temp =220.





Current Data Parameters

EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Time	17.14
INSTRUM	spect
PROBHD	5 mm TBI 1H/1
PULPROG	zg
TD	49152
SOLVENT	DMSO
NS	32
DS	0
SWH	8741.259 Hz
FIDRES	0.177841 Hz
AQ	2.8115444 sec
RG	181
DW	57.200 usec
DE	6.78 usec
TE	303.0 K
D1	1.00000000 sec

========== CHANNEL f1 ==========

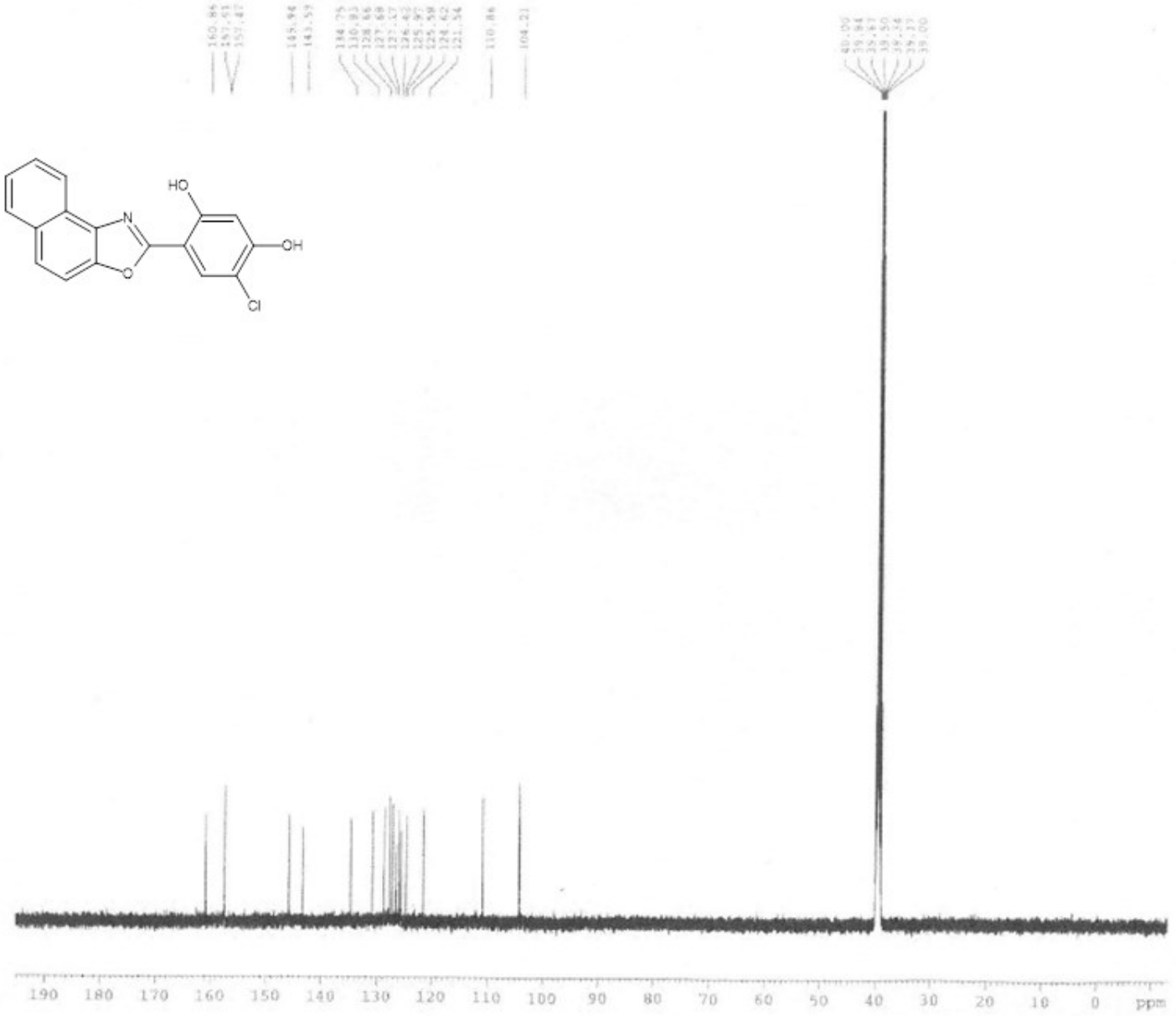
NUC1	1H
P1	3.00 usec
PL1	3.00 dB
SFO1	500.1340707 MHz

F2 - Processing parameters

SI	65536
SF	500.1300039 MHz
WDW	EM
SSB	0
LB	-0.15 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	22.00 cm
F1P	15.997 ppm
F1	8000.35 Hz
F2P	-0.258 ppm
F2	-129.02 Hz
PPMCM	0.73684 ppm/cm
HZCM	369.51685 Hz/cm



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Current Data Parameters

EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Time	13.31
INSTRUM	DRX
PROBHD	5 mm TBI 1H/13
PULPROG	zgpg
TD	65536
SOLVENT	CDCl3
NS	620
DS	4
SWH	12679.738 Hz
FIDRES	0.498653 Hz
AQ	1.0027508 sec
RG	32768
DW	15.300 usec
DE	7.10 usec
TE	303.0 K
D1	1.00000000 sec
d11	0.03000000 sec
DELTA	0.89999998 sec
TD0	1

======== CHANNEL f1 ========

NUC1	13C
P1	5.00 usec
PL1	-3.00 dB
SFO1	125.7703643 MHz

======== CHANNEL f2 ========

CPDPRG2	waltz16
NUC2	1H
PCPD2	98.00 usec
PL2	3.00 dB
PL12	23.00 dB
PL13	32.00 dB
SFO2	500.1320005 MHz

F1 - Acquisition parameters

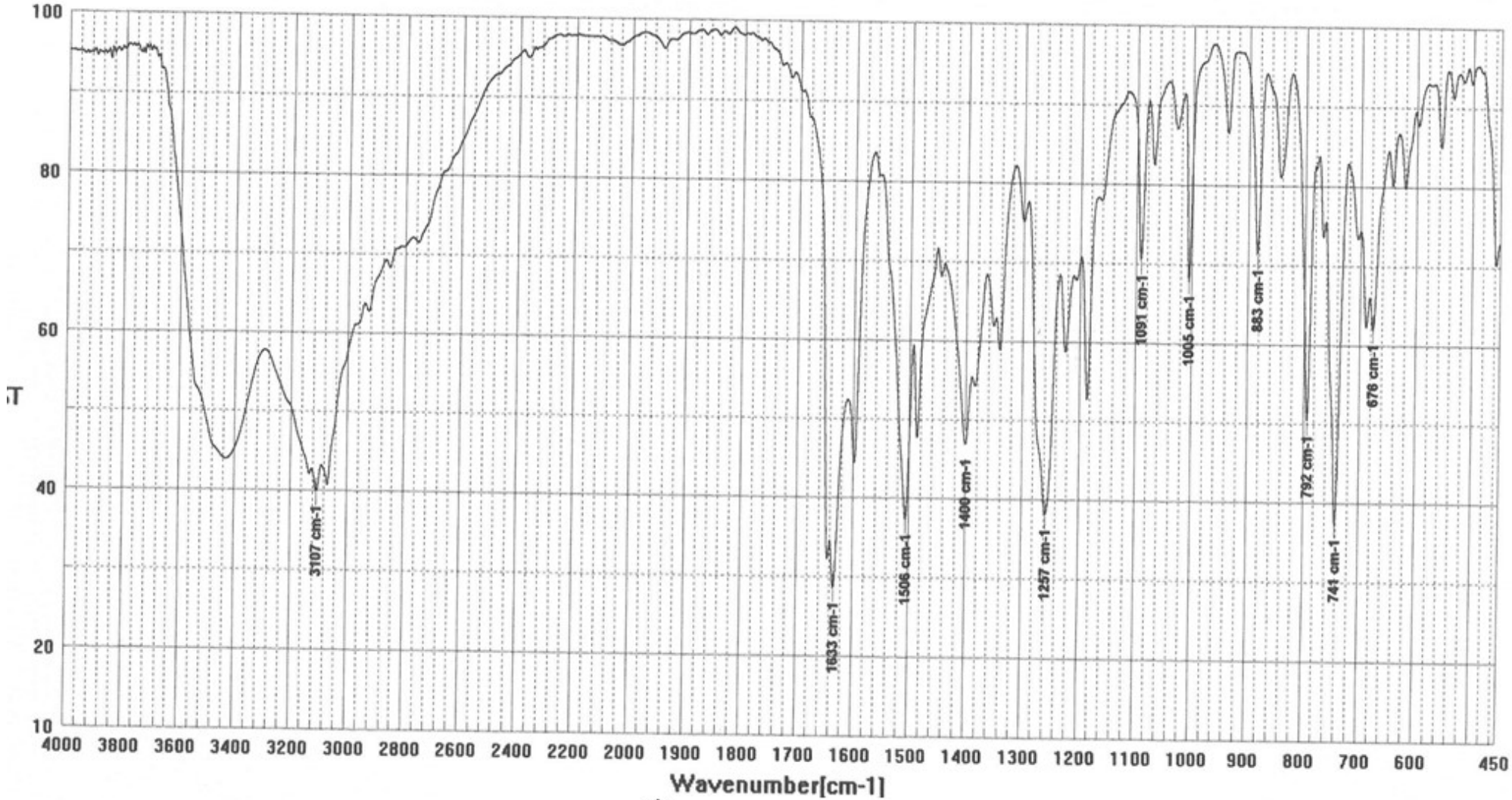
ND0	1
TD	128
SFO1	500.132 MHz
FIDRES	7.812500 Hz
SW	1.999 ppm
FnMODE	QF

F2 - Processing parameters

SI	262144
SF	125.7578544 MHz
WDW	EM
SSB	0
LB	0.50 Hz
GB	0
PC	1.40

F1 - Processing parameters

SI	1024
MC2	QF
SF	500.1300000 MHz
WDW	SINE
SSB	0
LB	0.30 Hz
GB	0.1



Sample Name	0,8mg/270mgKBr
Resolution	1 cm-1
Accumulation	30
Apodization	Cosine

