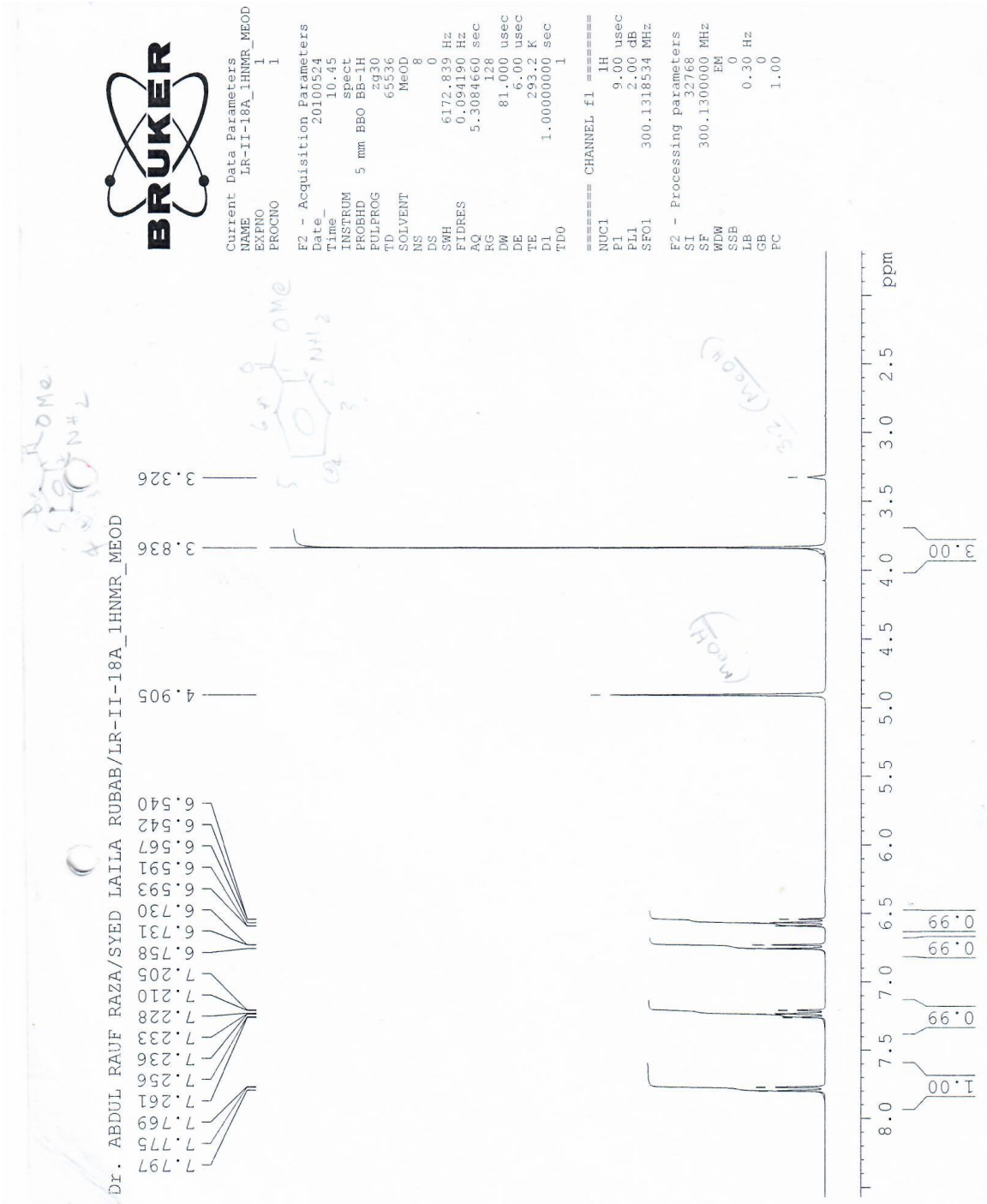
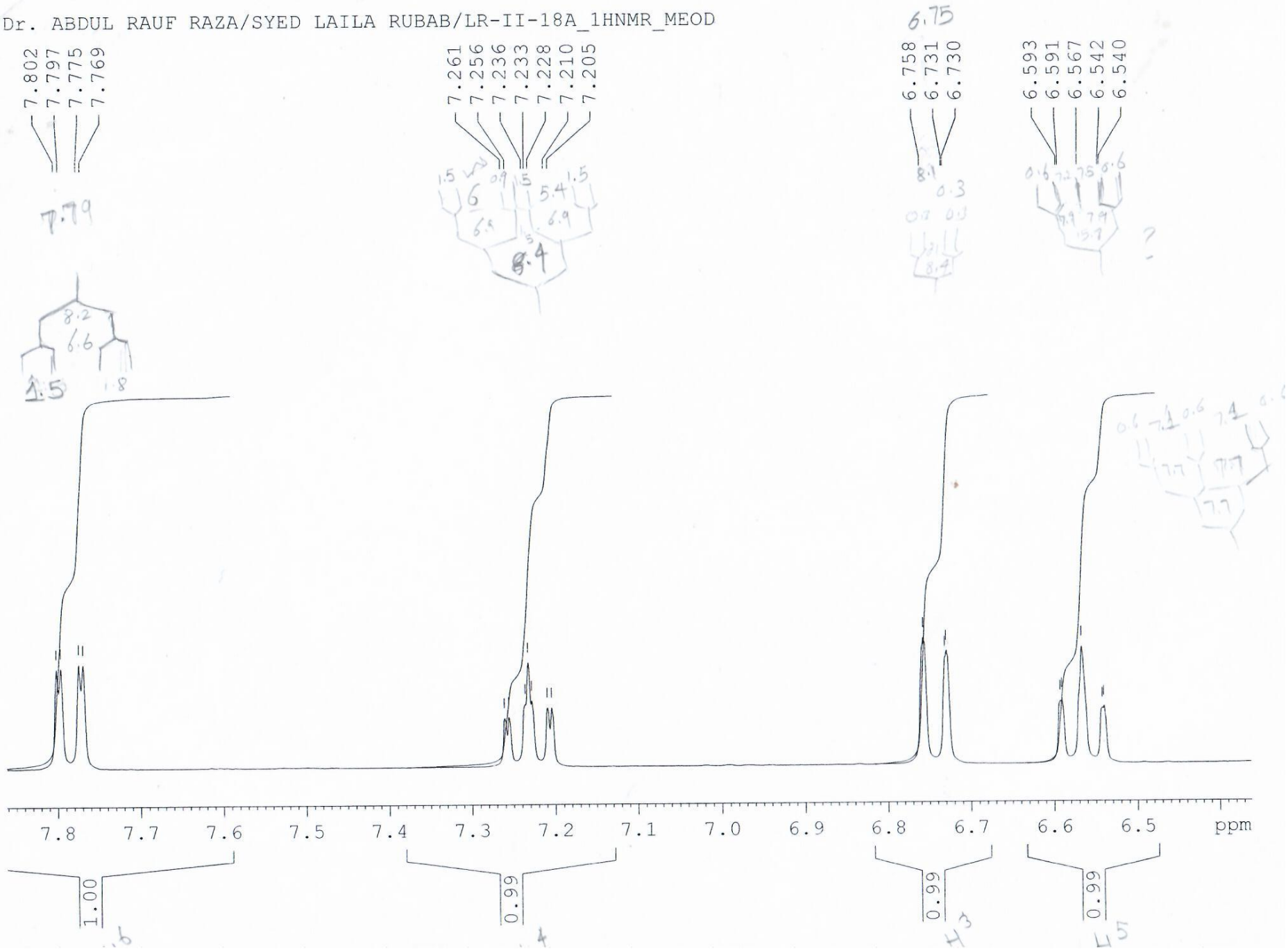
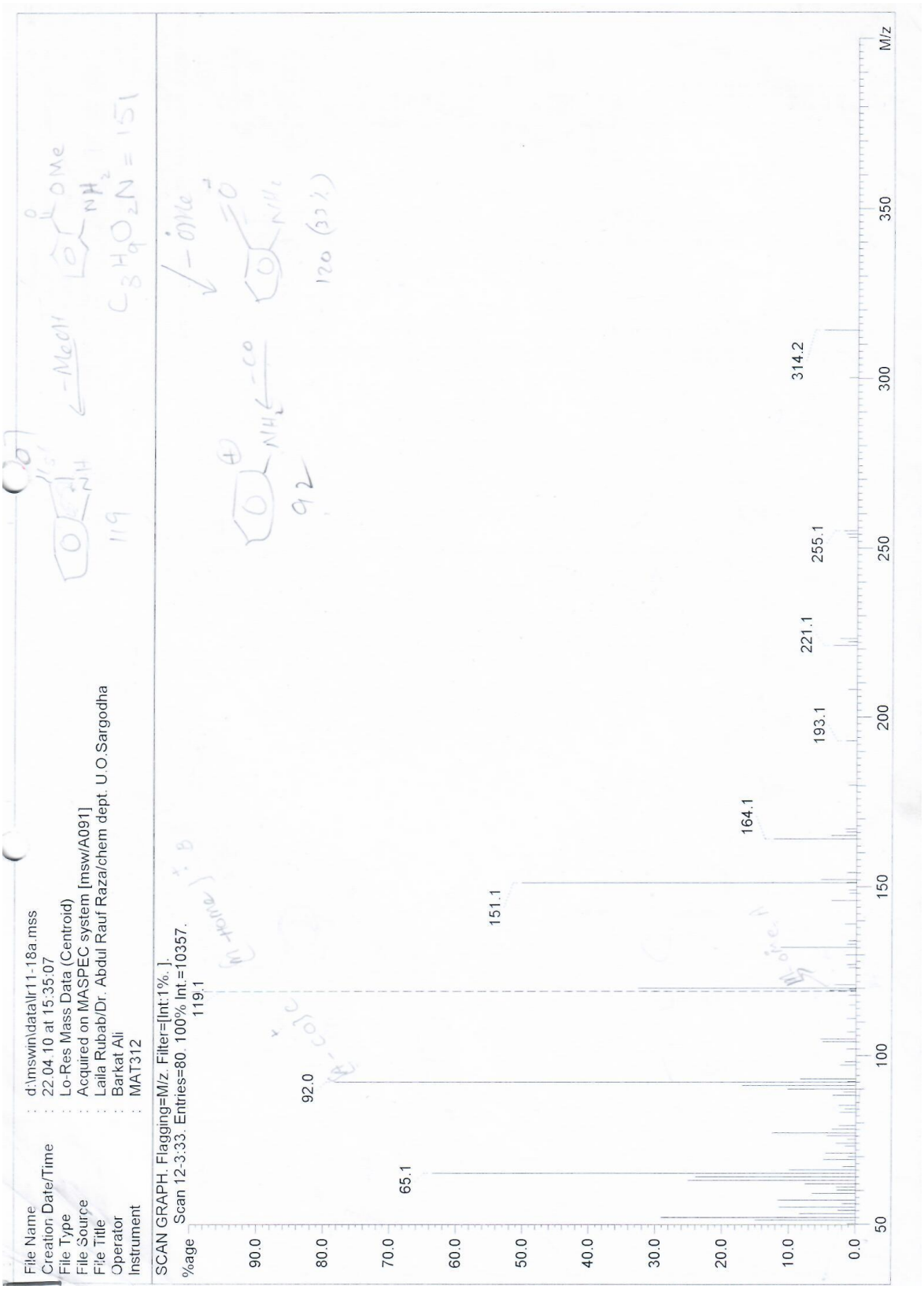
[1]HNMR **2**


Dr. ABDUL RAUF RAZA/SYED LAILA RUBAB/LR-II-18A_1HNMR_MEOD
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7.775
7.769
7.261
7.256
7.236
7.233
7.228
7.210
7.205
6.758
6.731
6.730
6.593
6.591
6.567
6.542
6.540
4.905
3.836
3.326
Current Data Parameters
NAME LR-II-18A_1HNMR_MEOD
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PROCNO 1
F2 - Acquisition Parameters
Date_ 20100524
Time 10.45
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 8
DS 0
SWH 6172.839 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 sec
RG 128
DW 81.000 usec
DE 6.00 usec
TE 293.2 K
D1 1.00000000 sec
TD0 1
======== CHANNEL f1 ========
NUC1 1H
P1 9.00 usec
PL1 2.00 dB
SFO1 300.1318534 MHz
F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
8.0
7.5
7.0
6.5
6.0
5.5
5.0
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4.0
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3.0
2.5
ppm
1.00
0.99
0.99
0.99
3.00

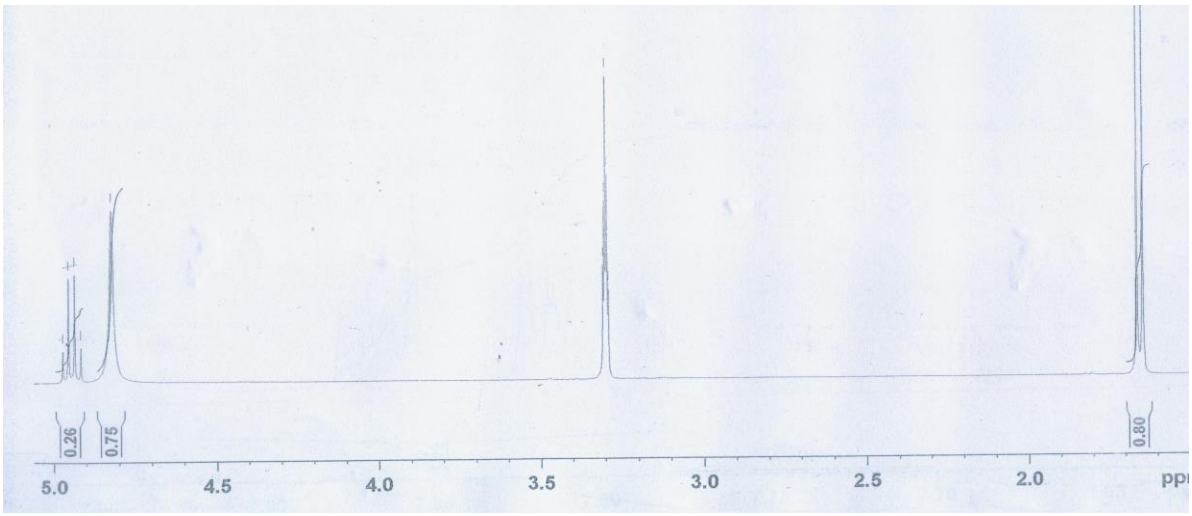
Dr. ABDUL RAUF RAZA/SYED LAILA RUBAB/LR-II-18A_1HNMR_MEOD

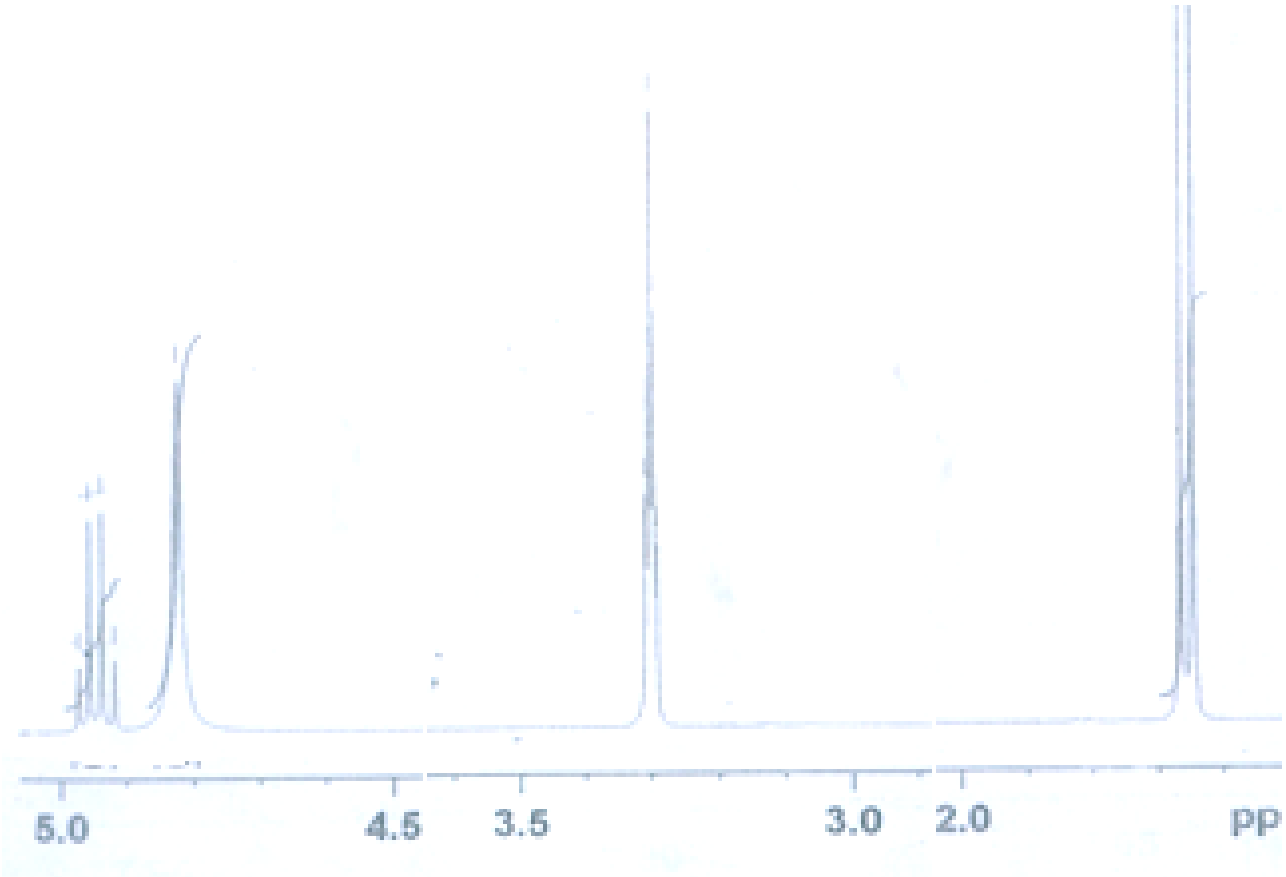


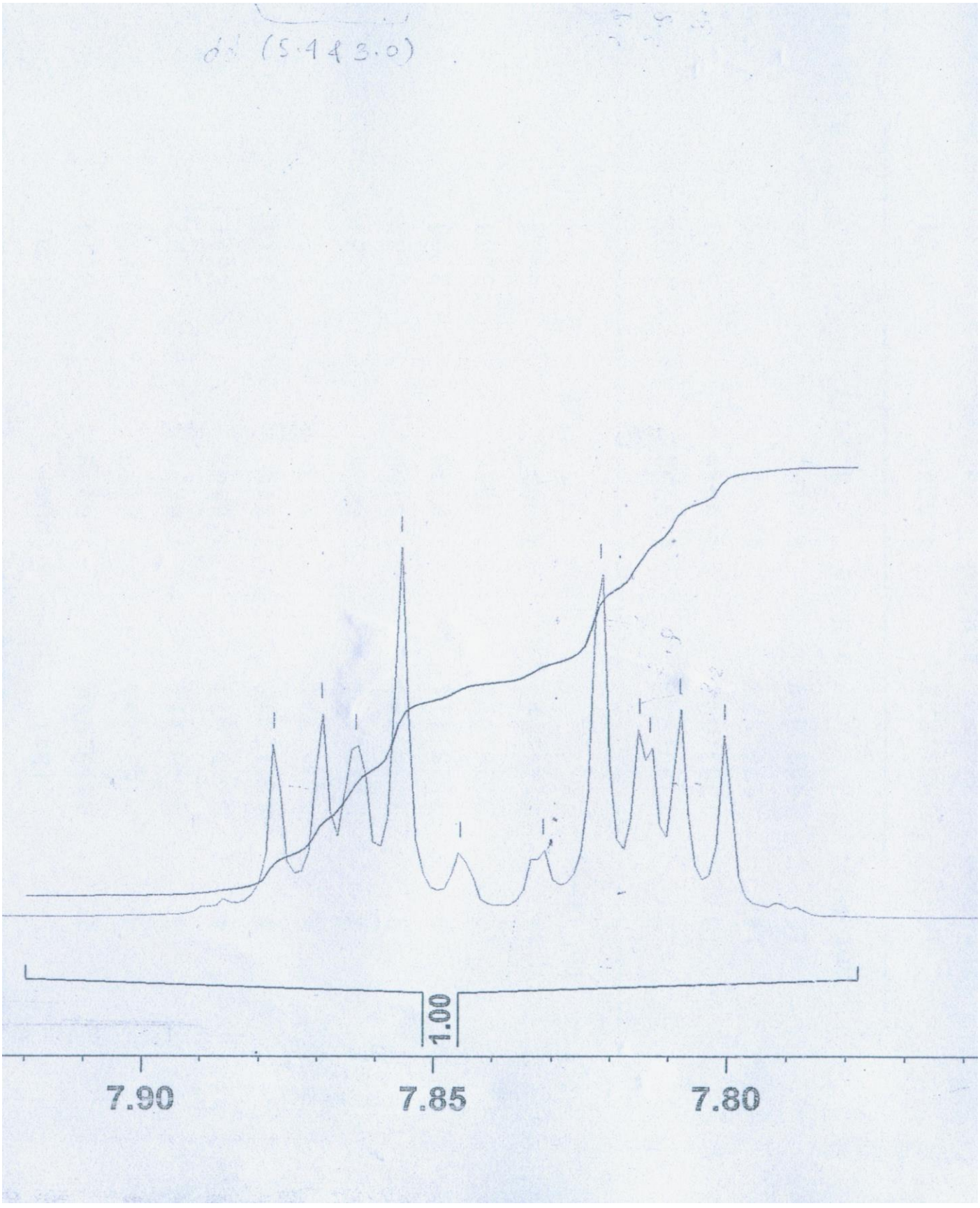
LR EIMS **2**


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Creation Date/Time : 22.04.10 at 15:35:07
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File Source : Acquired on MASPEC system [msw/A091]
File Title : Laila Rubab/Dr. Abdul Rauf Raza/chem dept. U.O.Sargodha
Operator : Barkat Ali
Instrument : MAT312
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Scan 12:3:33. Entries=80. 100% Int.=10357.
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92.0
65.1
151.1
164.1
193.1
221.1
255.1
314.2
M/z

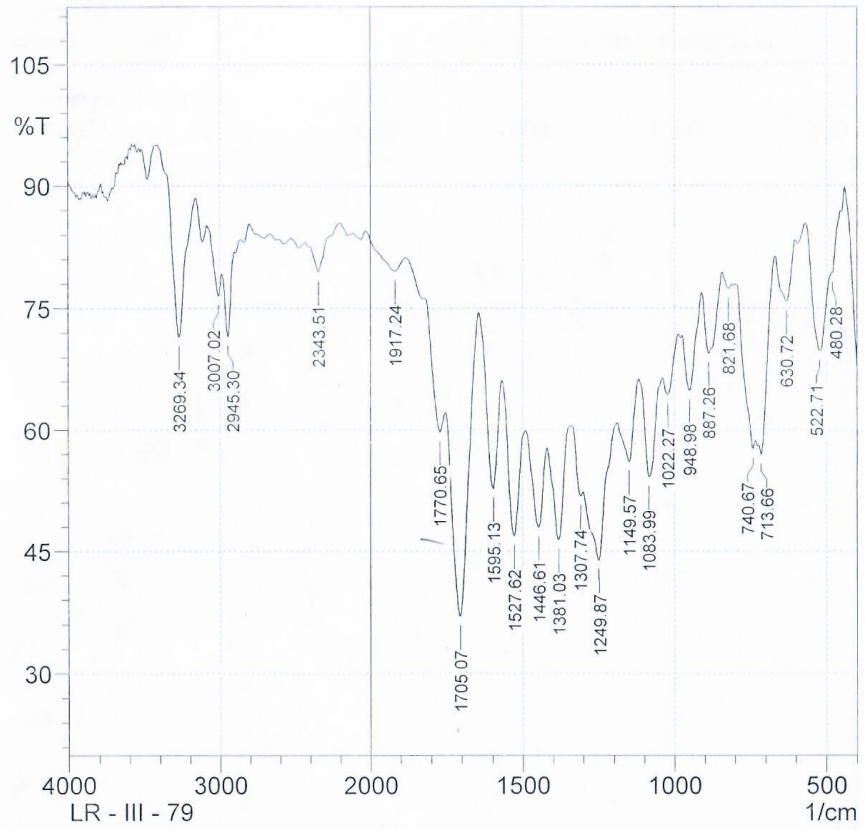
^{1}HNMR **4**



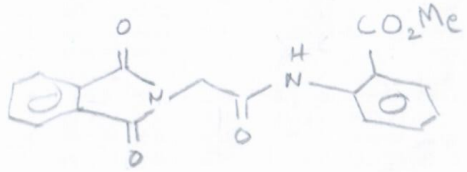



1.00
7.90
7.85
7.80

SHIMADZU



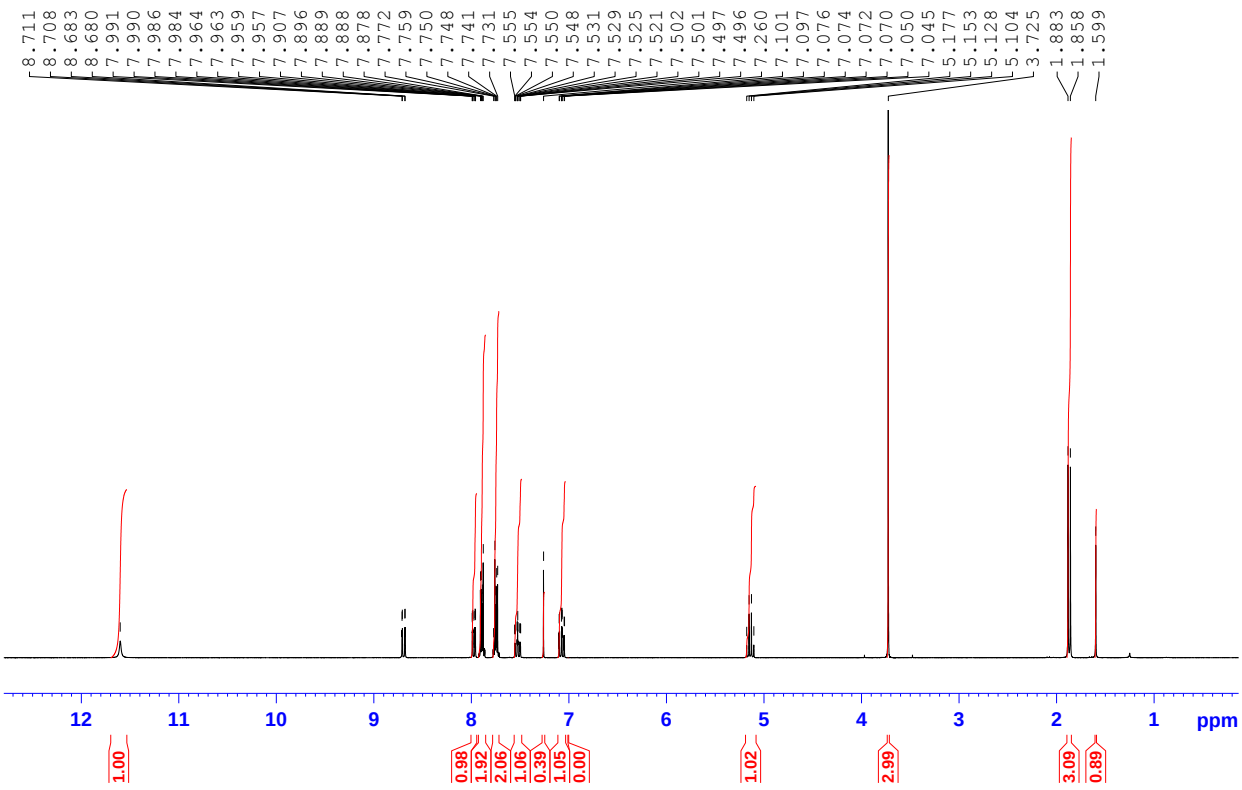
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1	480.28	20.69	0.64	482.2	455.2	2.13	0.04
2	522.71	30.22	12.28	569	484.13	10.29	3.07
3	630.72	24.13	6.66	667.37	603.72	6.76	1.41
4	713.66	43.08	4.62	721.38	669.3	8.79	0.62
5	740.67	42.36	3.51	792.74	732.95	11.29	1.01
6	821.68	22.58	0.99	840.96	812.03	3.13	0.1
7	887.26	30.54	8.23	908.47	842.89	8.93	1.92
8	948.98	35.11	8.88	974.05	910.4	10.05	1.86
9	1022.27	35.63	3.7	1037.7	987.55	8.68	0.66
10	1083.99	45.82	12.15	1116.78	1039.63	16.76	3.01
11	1149.57	43.92	7.79	1188.15	1118.71	15.58	1.93
12	1249.87	56.14	12.35	1300.02	1190.08	32.23	4.96
13	1307.74	48.21	1.94	1334.74	1301.95	8.57	0.33
14	1381.03	53.61	12.7	1417.68	1342.46	20.69	3.53
15	1446.61	52.08	10.72	1489.05	1419.61	19.07	3.08
16	1527.62	53.12	16.07	1566.2	1490.97	19.69	4.53
17	1595.13	47.31	16.49	1641.42	1568.13	15.51	4.18
18	1705.07	63.01	30.49	1751.36	1643.35	30.98	13.02
19	1770.65	40.28	6.28	1816.94	1753.29	11.83	1.43
20	1917.24	20.43	2.39	2031.04	1884.45	12.96	0.97
21	2343.51	20.53	3.64	2399.45	2262.5	12.06	1.16
22	2945.3	28.51	9	2983.88	2900.94	9.69	1.92
23	3007.02	23.49	4.01	3082.25	2985.81	9.15	0.9
24	3269.34	28.54	19.87	3408.22	3161.33	19.01	9.67

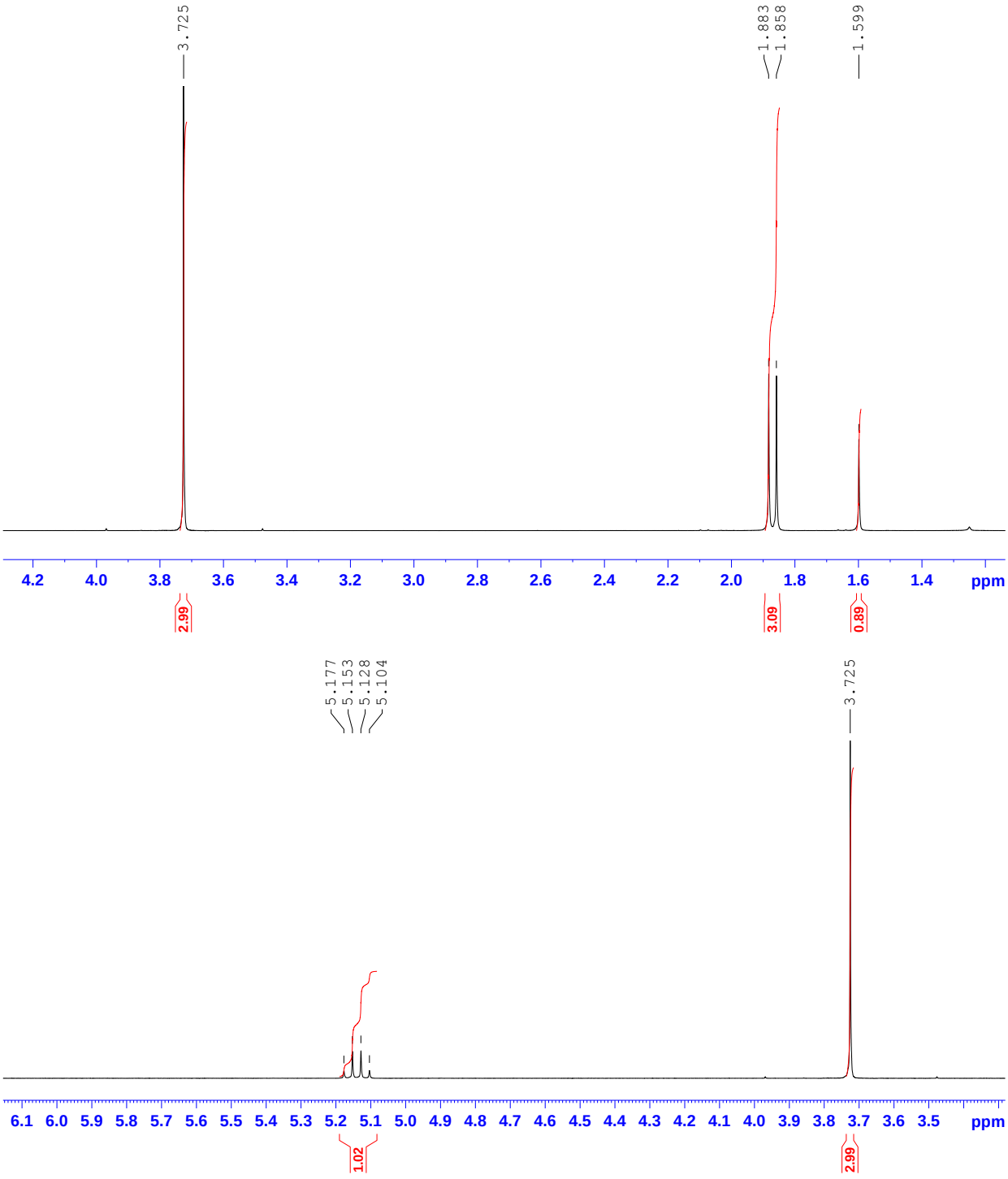


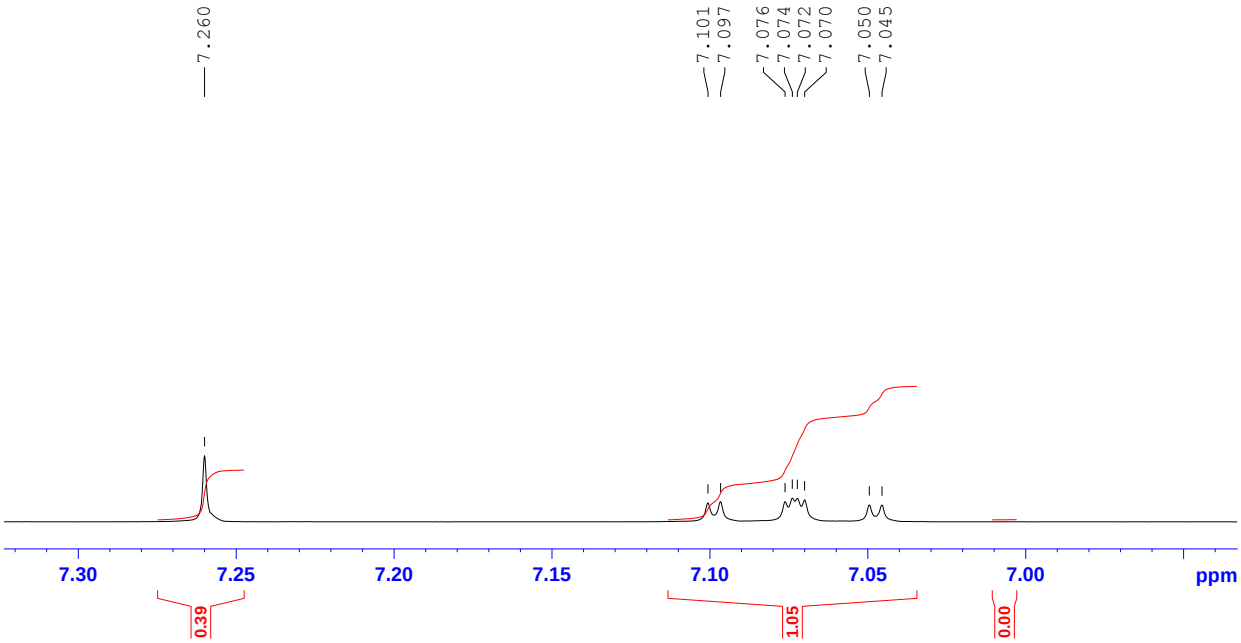
Comment;
LR - III - 79

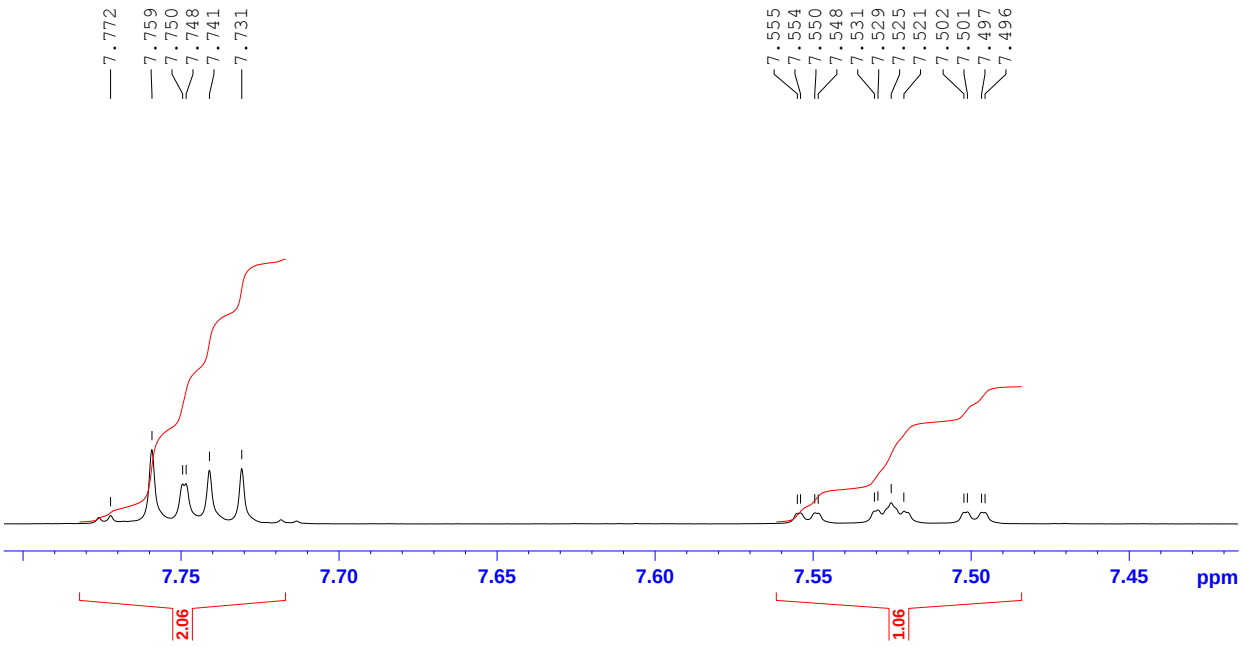
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Resolution;
Apodization;

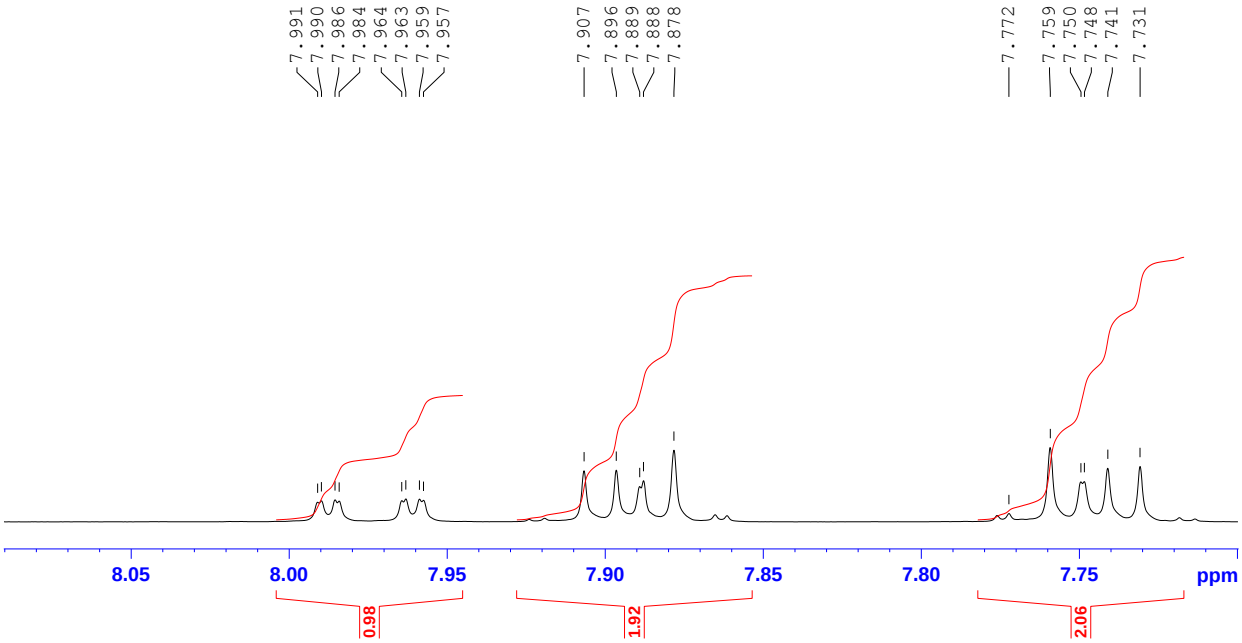
^{1}HNMR **5**


8.711
8.708
8.683
8.680
7.991
7.990
7.986
7.984
7.964
7.963
7.959
7.957
7.907
7.896
7.889
7.888
7.878
7.772
7.759
7.750
7.748
7.741
7.731
7.555
7.554
7.550
7.548
7.531
7.529
7.525
7.521
7.502
7.501
7.497
7.496
7.260
7.101
7.097
7.076
7.074
7.072
7.070
7.050
7.045
5.177
5.153
5.128
5.104
3.725
1.883
1.858
1.599
12
11
10
9
8
7
6
5
4
3
2
1
ppm
1.00
0.98
1.92
2.06
1.06
0.39
1.05
0.00
1.02
2.99
3.09
0.89

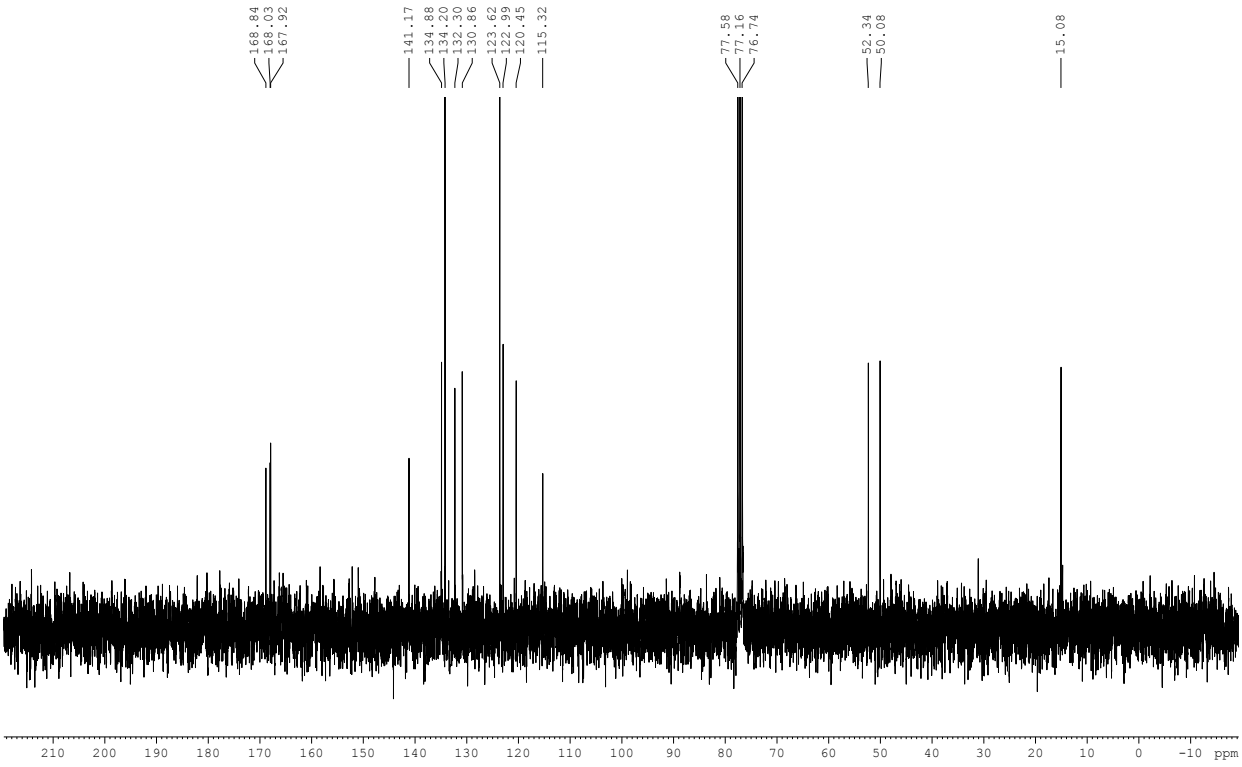

3.725
1.883
1.858
1.599
4.2 4.0 3.8 3.6 3.4 3.2 3.0 2.8 2.6 2.4 2.2 2.0 1.8 1.6 1.4 ppm
2.99
3.09
0.89
5.177
5.153
5.128
5.104
3.725
6.1 6.0 5.9 5.8 5.7 5.6 5.5 5.4 5.3 5.2 5.1 5.0 4.9 4.8 4.7 4.6 4.5 4.4 4.3 4.2 4.1 4.0 3.9 3.8 3.7 3.6 3.5 ppm
1.02
2.99


7.260
7.101
7.097
7.076
7.074
7.072
7.070
7.050
7.045
7.30
7.25
7.20
7.15
7.10
7.05
7.00
ppm
0.39
1.05
0.00

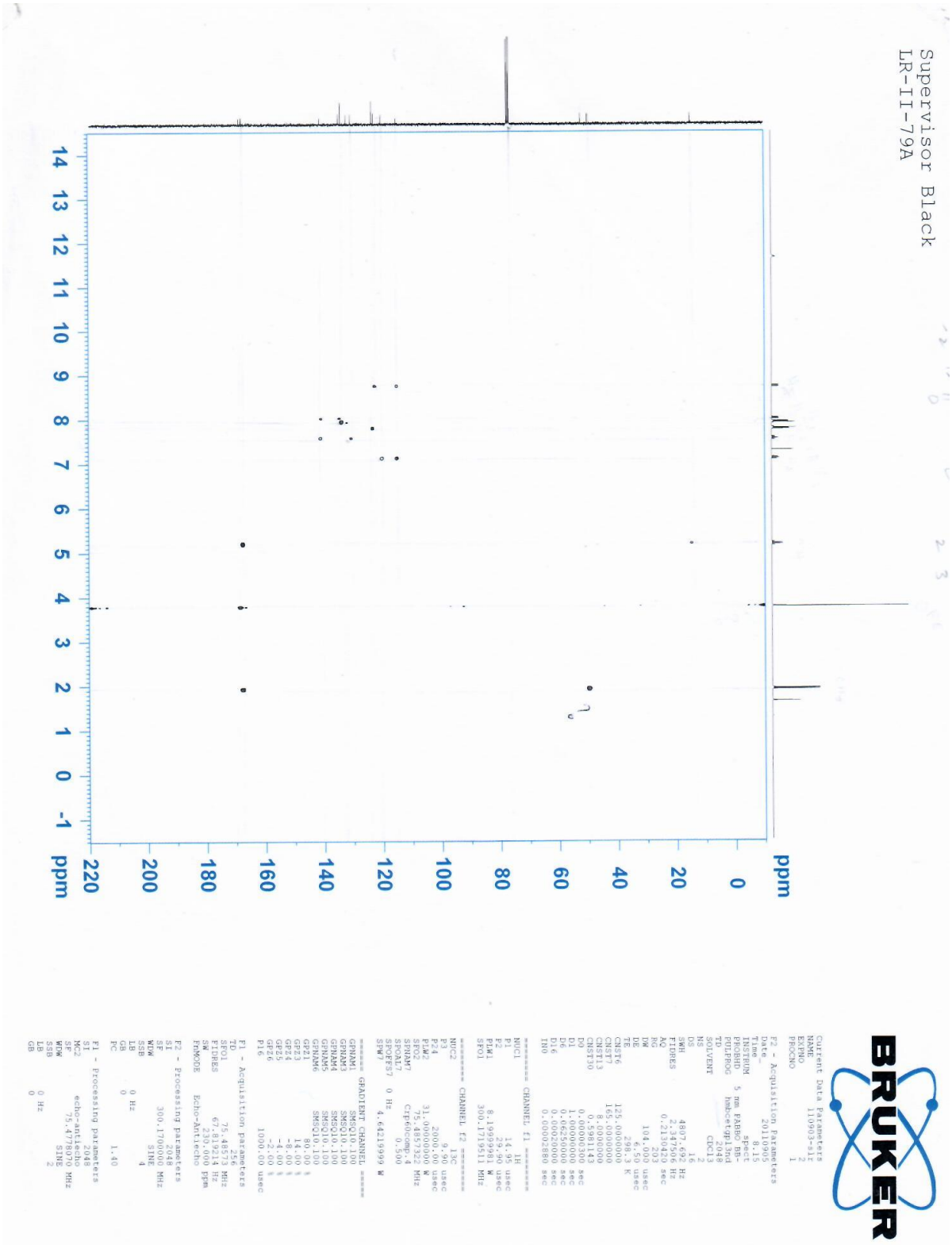

7.772
7.759
7.750
7.748
7.741
7.731
7.555
7.554
7.550
7.548
7.531
7.529
7.525
7.521
7.502
7.501
7.497
7.496
7.75
7.70
7.65
7.60
7.55
7.50
7.45
ppm
2.06
1.06


7.991
7.990
7.986
7.984
7.964
7.963
7.959
7.957
7.907
7.896
7.889
7.888
7.878
7.772
7.759
7.750
7.748
7.741
7.731
8.05
8.00
7.95
7.90
7.85
7.80
7.75
ppm
0.98
1.92
2.06

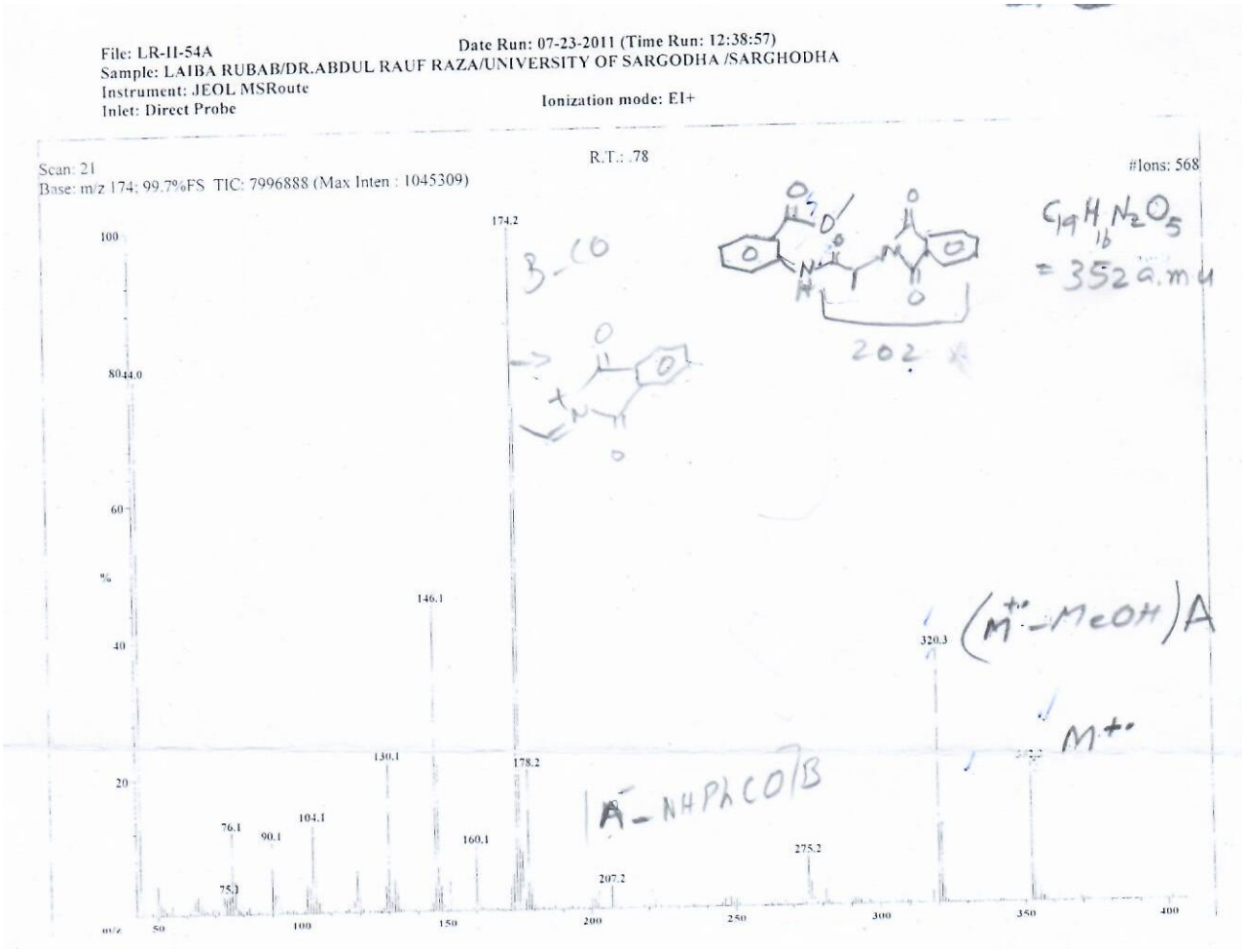
^{13}CNMR **5**


168.84
168.03
167.92
141.17
134.88
134.20
132.30
130.86
123.62
122.99
120.45
115.32
77.58
77.16
76.74
52.34
50.08
15.08
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
-10
ppm

HMBC 5


Supervisor Black
LR-II-79A
ppm
14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 -1 ppm
220 200 180 160 140 120 100 80 60 40 20 0 ppm
BRUKER
Current Data Parameters
NAME
EXPNO
PROCNO
F2 - Acquisition Parameters
Date_
Time
INSTRUM
PROBHD
PULPROG
TD
SOLVENT
NS
DS
SWH
FIDRES
AQ
RG
DW
DE
TE
CNST6
CNST7
CNST13
CNST30
D0
D1
D6
D16
TD0
F1 - Acquisition parameters
TD
SFO1
FIDRES
SW
FnMODE
F2 - Processing parameters
SI
SF
WDW
SSB
LB
GB
PC
F1 - Processing parameters
SI
SF
WDW
SSB
LB
GB

LREIMS **5**


File: LR-II-54A
Date Run: 07-23-2011 (Time Run: 12:38:57)
Sample: LAIBA RUBAB/DR.ABDUL RAUF RAZA/UNIVERSITY OF SARGODHA /SARGHODHA
Instrument: JEOL MSRoute
Inlet: Direct Probe
Ionization mode: EI+
Scan: 21
R.T.: .78
#Ions: 568
Base: m/z 174; 99.7%FS TIC: 7996888 (Max Inten : 1045309)
174.2
144.0
146.1
130.1
178.2
320.3
76.1
90.1
104.1
160.1
75.1
207.2
275.2
%
m/z
B-CO
202
$C_{19}H_{16}N_2O_5$
= 352 a.m.u
(M+· - MeOH)/A
M+·
A - NHPhCO/B

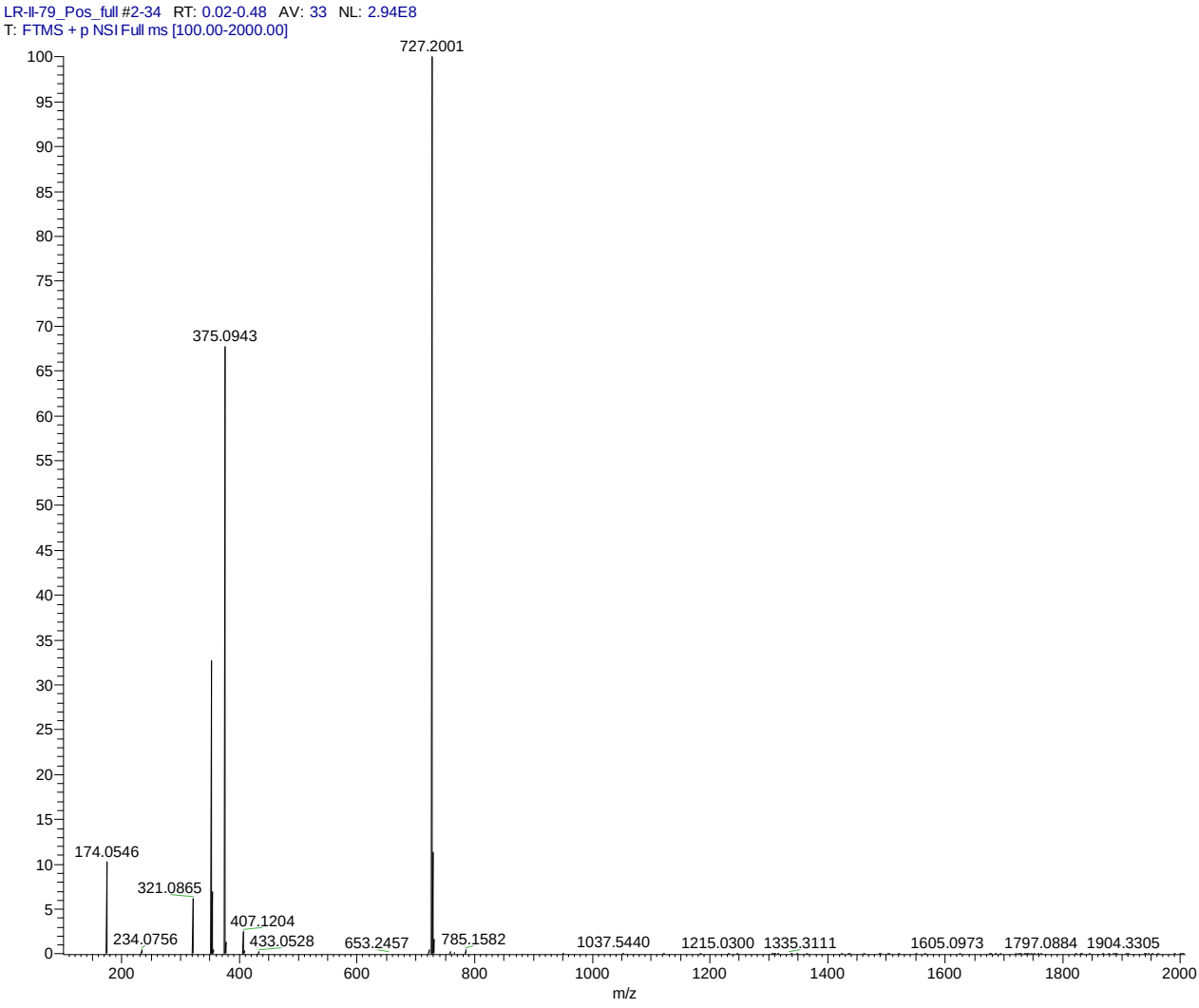
ESI MS **5**

MS Data from Orbitrap

Tracking No: BMSF-2012-8
Samples Submitted By: Syeda Laila Rubub
Date Run: 31/01/12
Operator: Chowdhury Sarowar
Report Prepared By: Leanne Stephenson

Sample: LR-II

Full Spectrum



Zoomed Spectrum

