

A Direct Synthesis of Oxazoles from Aldehydes

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Supporting Information

NMR Spectrum: H1 No: 863
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 26 2009

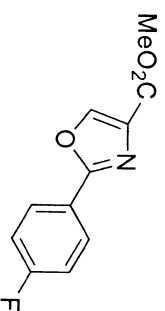
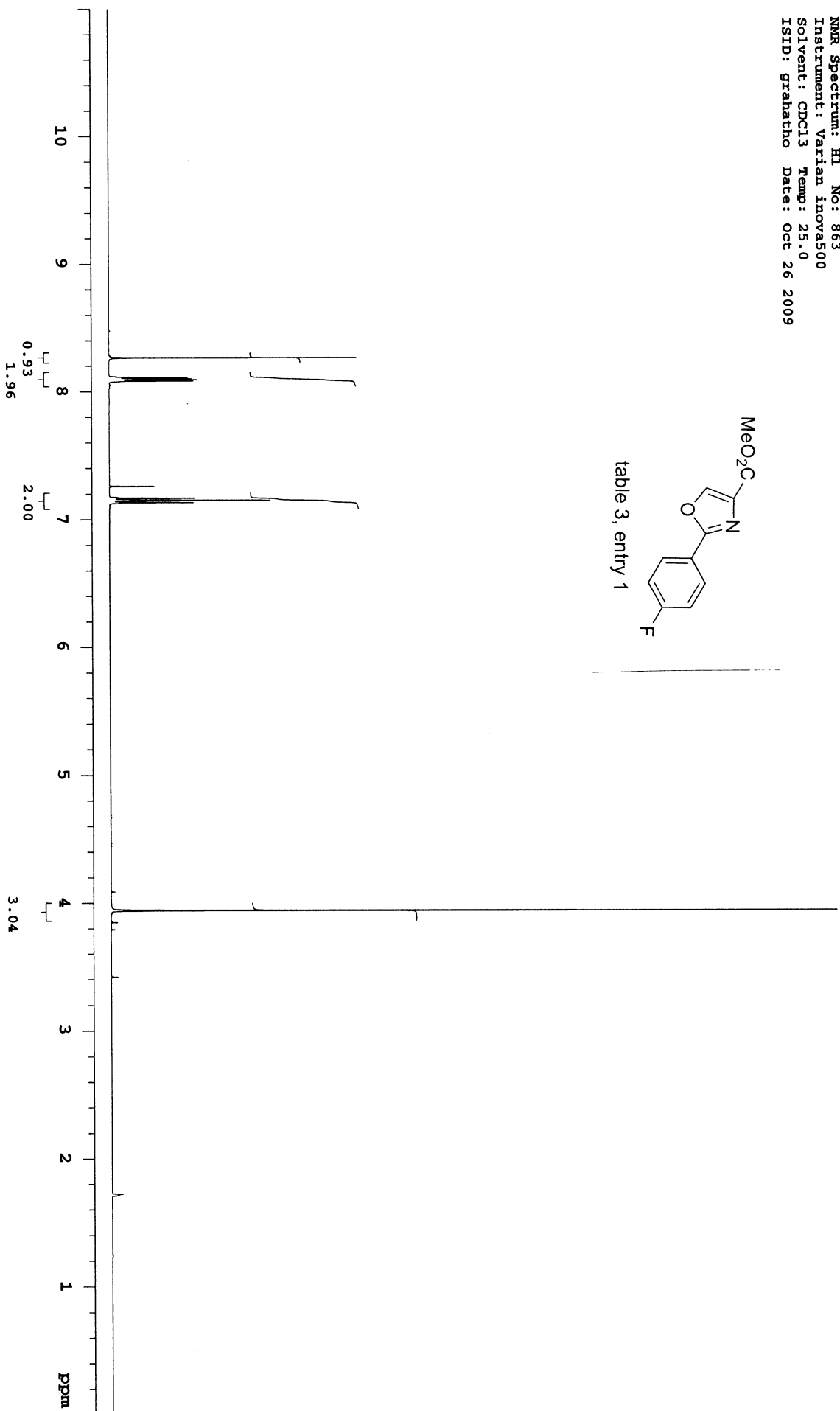


table 3, entry 1



NMR Spectrum: C13 No: 865
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Oct 26 2009

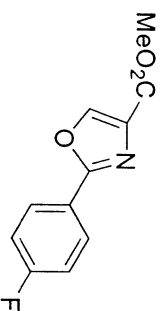
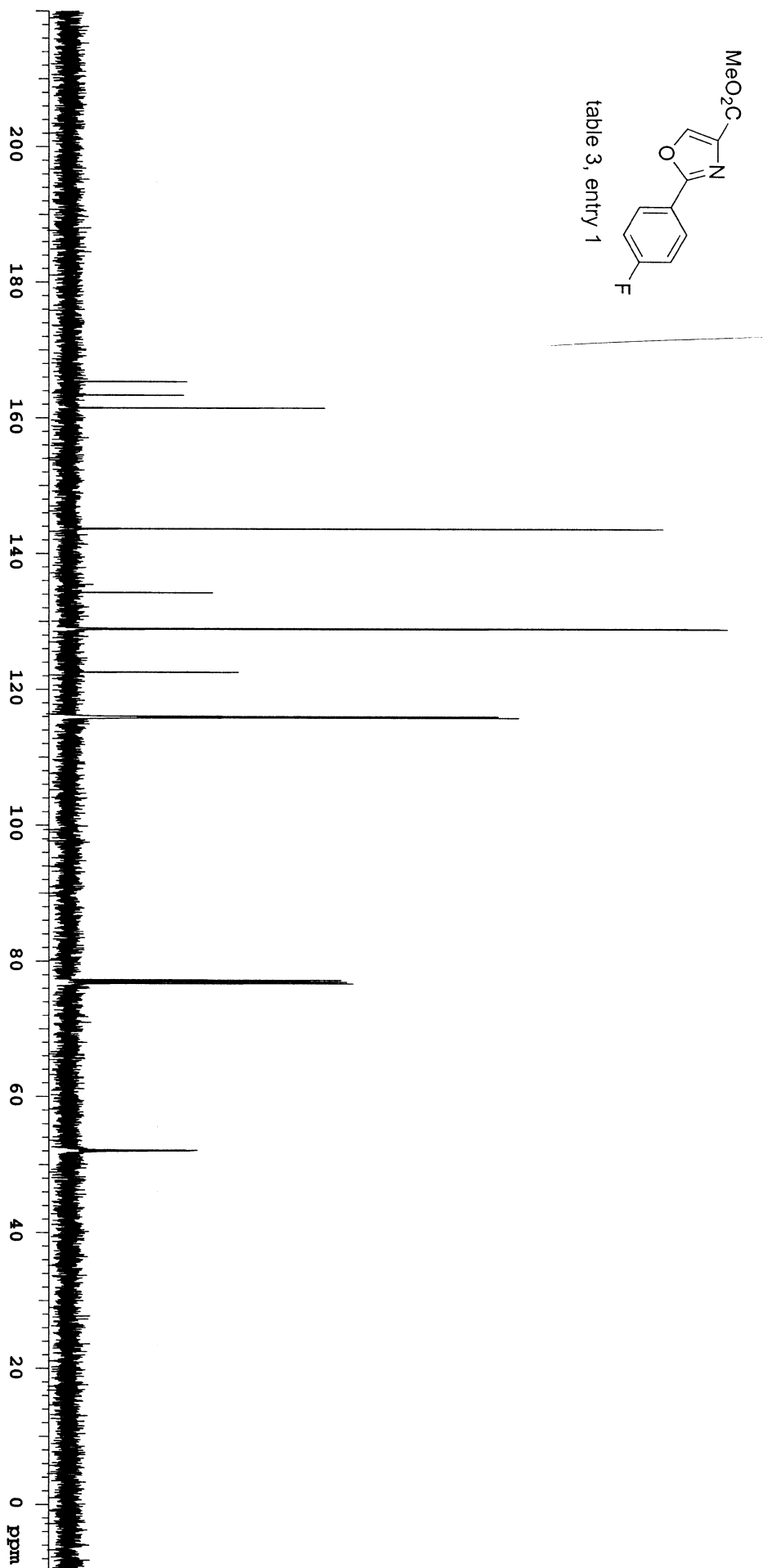


table 3, entry 1



Sample: 1
File:2008ZQ_22338
Description:

Vial:1:39
Date:26-Oct-2009

Printed: Tue May 04 20:48:31 2010

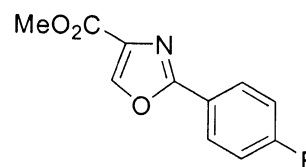


table 3, entry 1

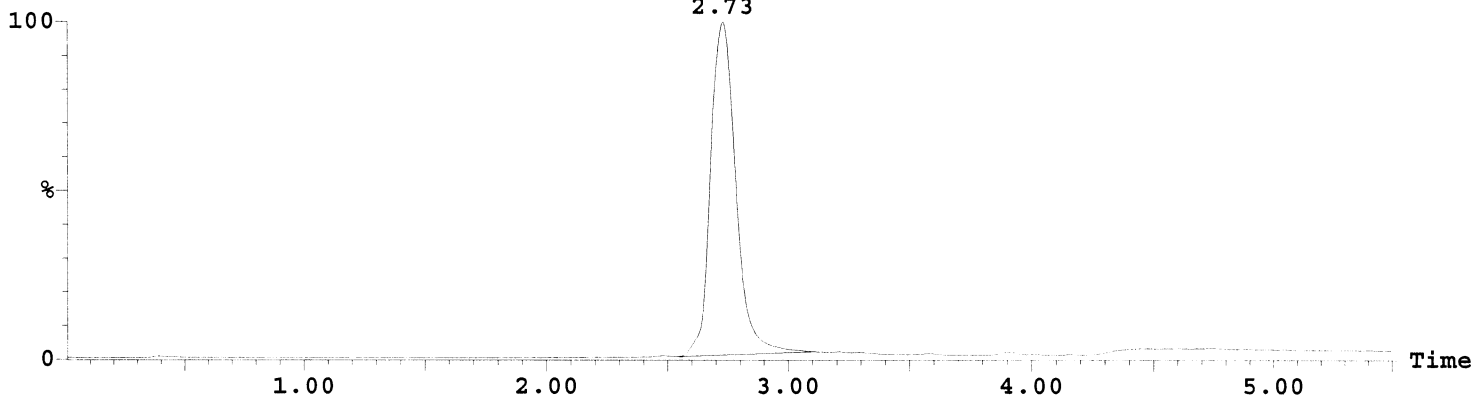
Sample Report:

Sample 1 Vial 1:39 ID 0301211-0016 File 2008ZQ_22338 Date 26-Oct-2009 Time 18:25:48 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

190.01
2.73

3.5e+008

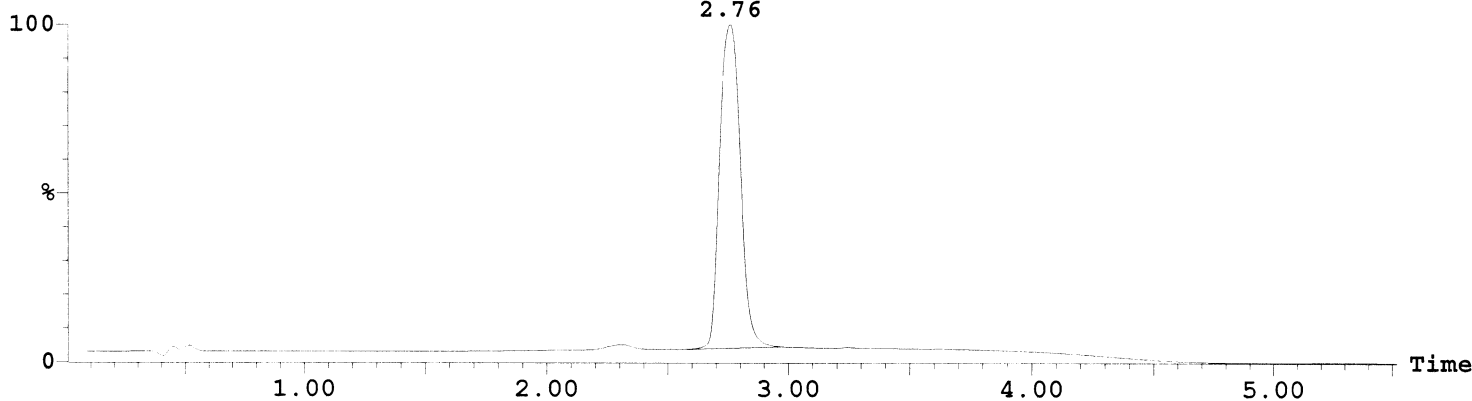


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.73	4e+007	100.00	1	3e+008	

2: DAD: TIC

2.76

1.4e+008

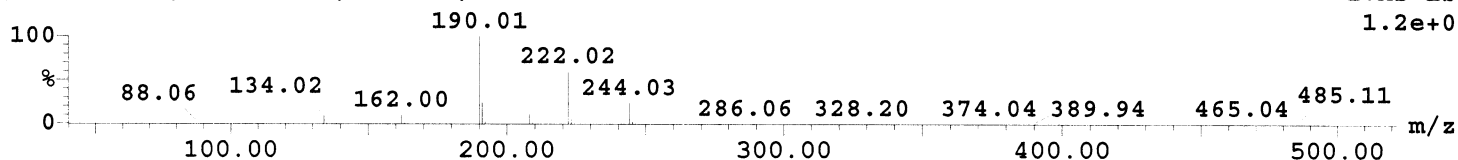


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.76	1e+007	100.00	0	1e+008	

Peak ID	Compound	Time	Mass Found
1		2.73	

(Time: 2.73) Combine (459:473)

1:MS ES+
1.2e+008



NMR Spectrum: H1 No: 856
Instrument: Varian Inova500
Solvent: DMSO Temp: 25.0
ISID: grhatho Date: Oct 24 2009

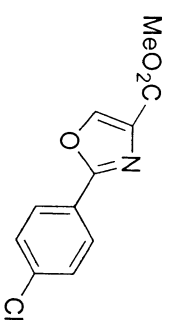
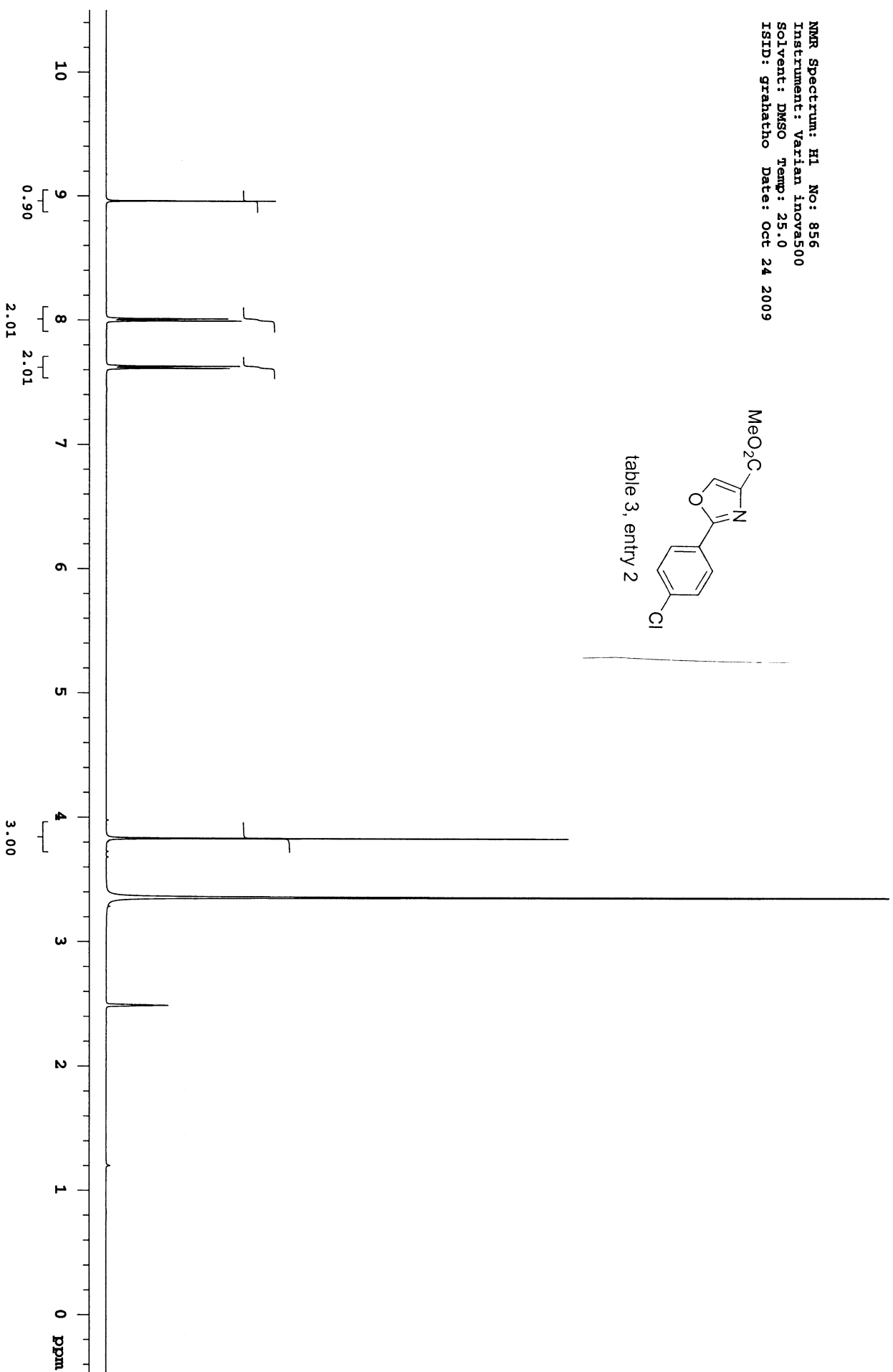


table 3, entry 2



NMR Spectrum: C13 No: 860
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: grabatho Date: Oct 24 2009

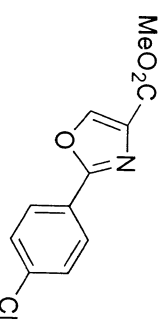
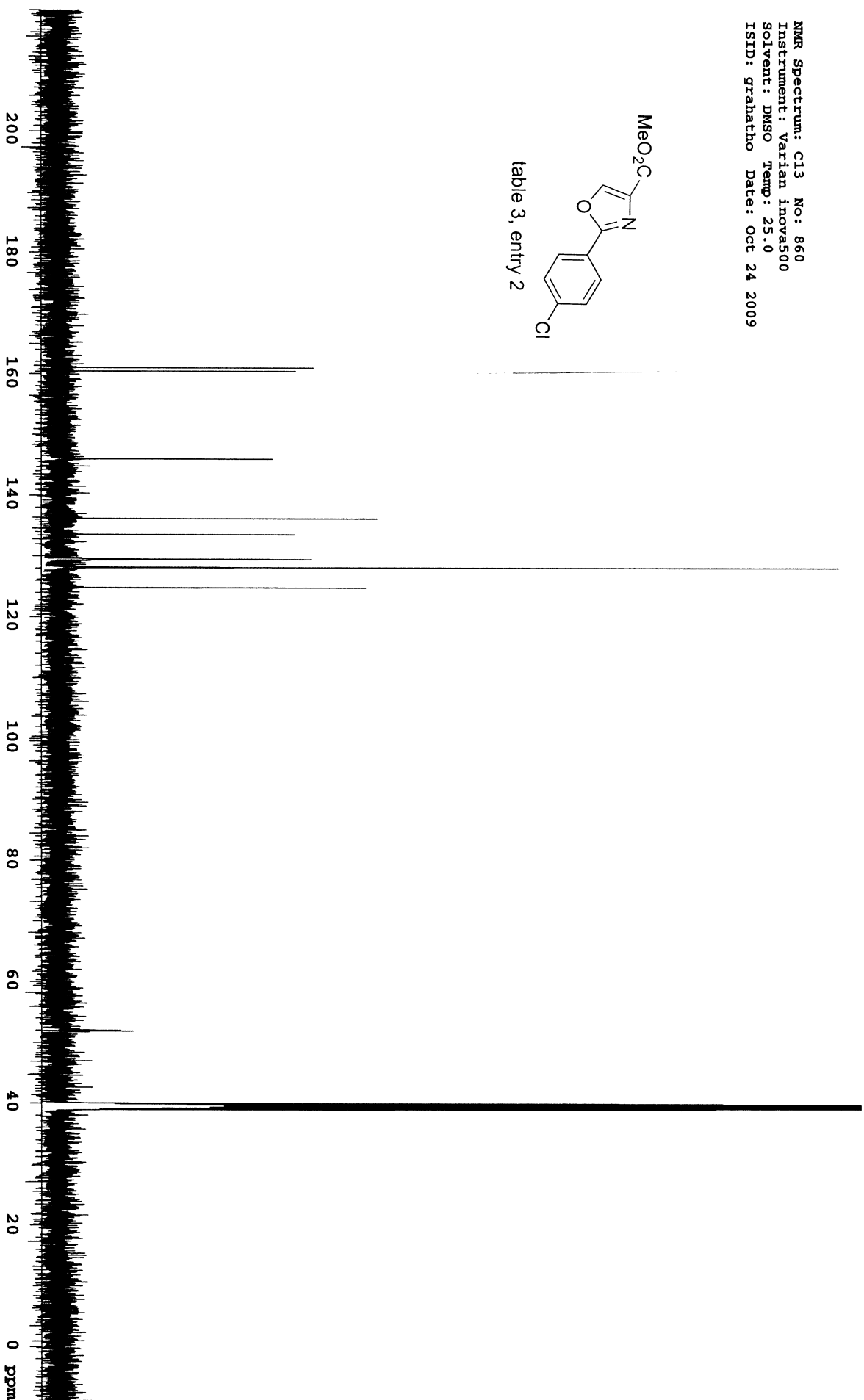


table 3, entry 2



Printed: Sat May 15 15:31:57 2010

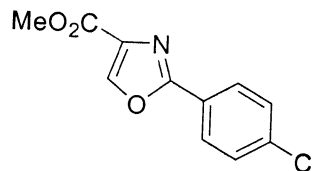


table 3, entry 2

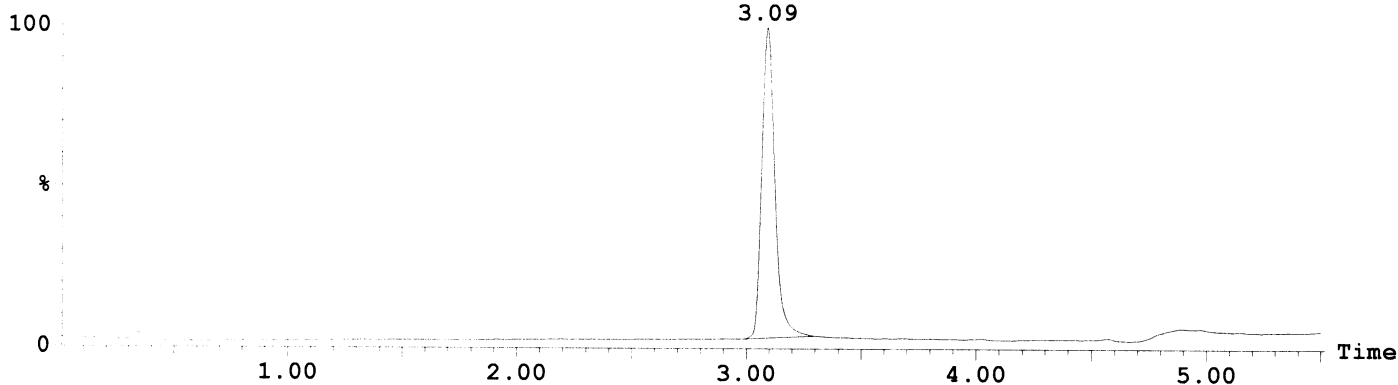
Sample Report:

Sample 1 Vial 1:45 ID 0301211-0008 File 2008ZQ_26244 Date 15-May-2010 Time 13:39:41 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

205.88

4.4e+008

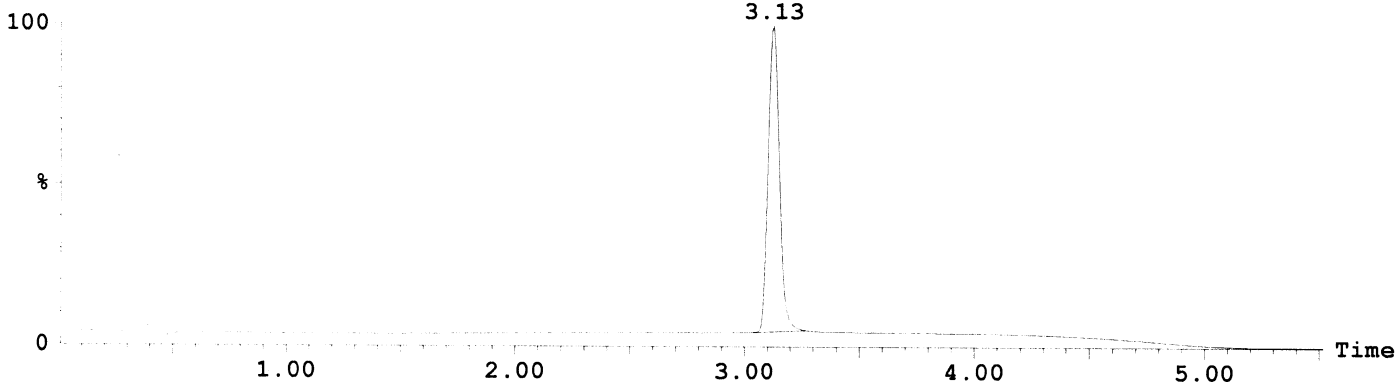


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		3.09	3e+007	100.00	0	4e+008	

2: DAD: TIC

3.13

1.4e+008



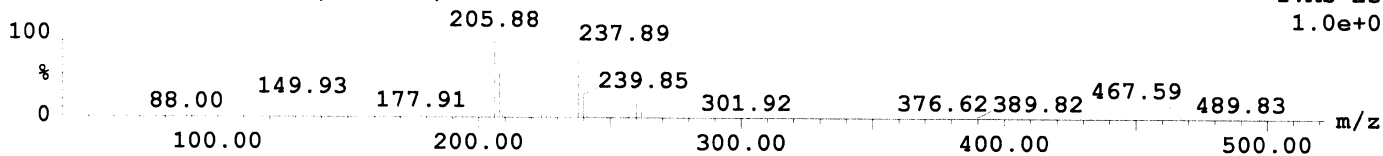
Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		3.13	7e+006	100.00	0	1e+008	

Peak ID	Compound	Time	Mass Found
1		3.09	

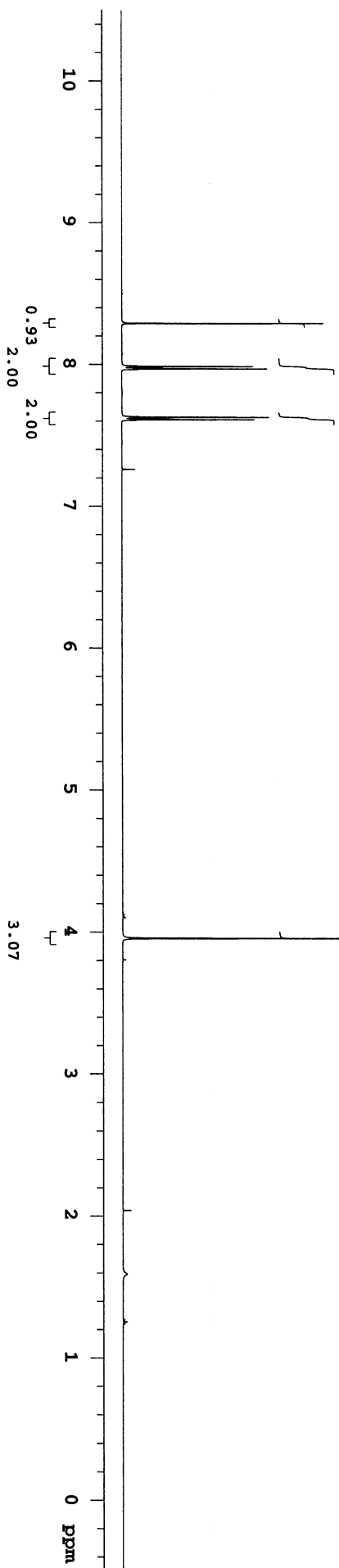
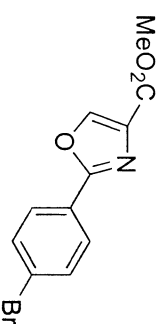
(Time: 3.09) Combine (520:533)

1:MS ES+

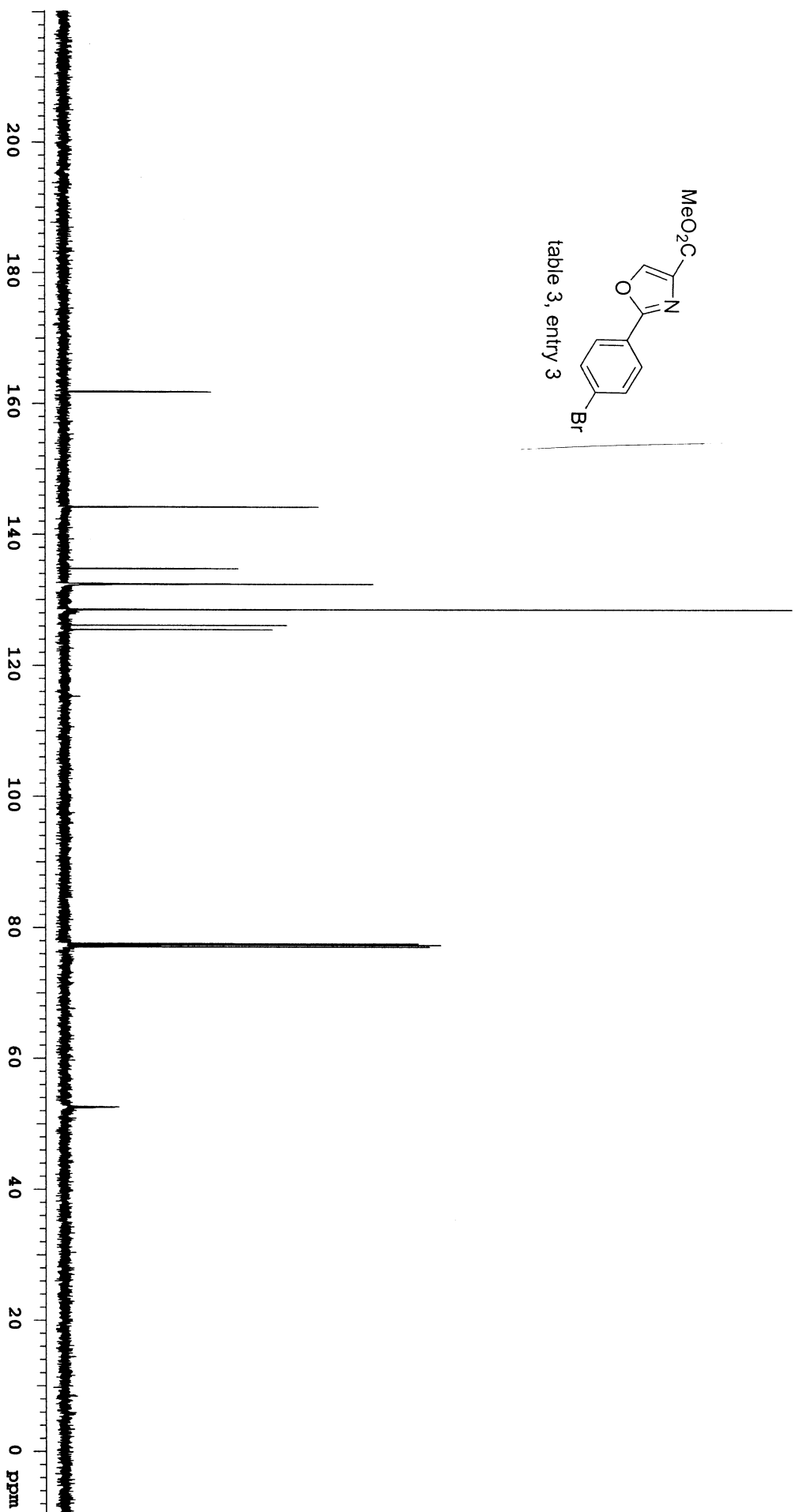
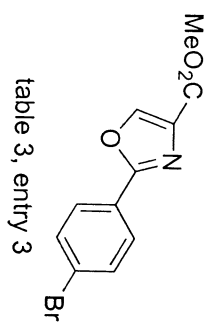
1.0e+008



NMR Spectrum: H1 No: 954
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Nov 30 2009



NMR Spectrum: C13 No: 858
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grrhatho Date: Oct 24 2009



Sample: 1

Vial:1:94

File:2008ZQ_25893

Date:04-May-2010

Description:

Printed: Wed May 05 08:36:16 2010

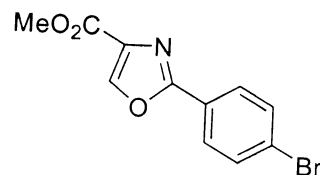


table 3, entry 3

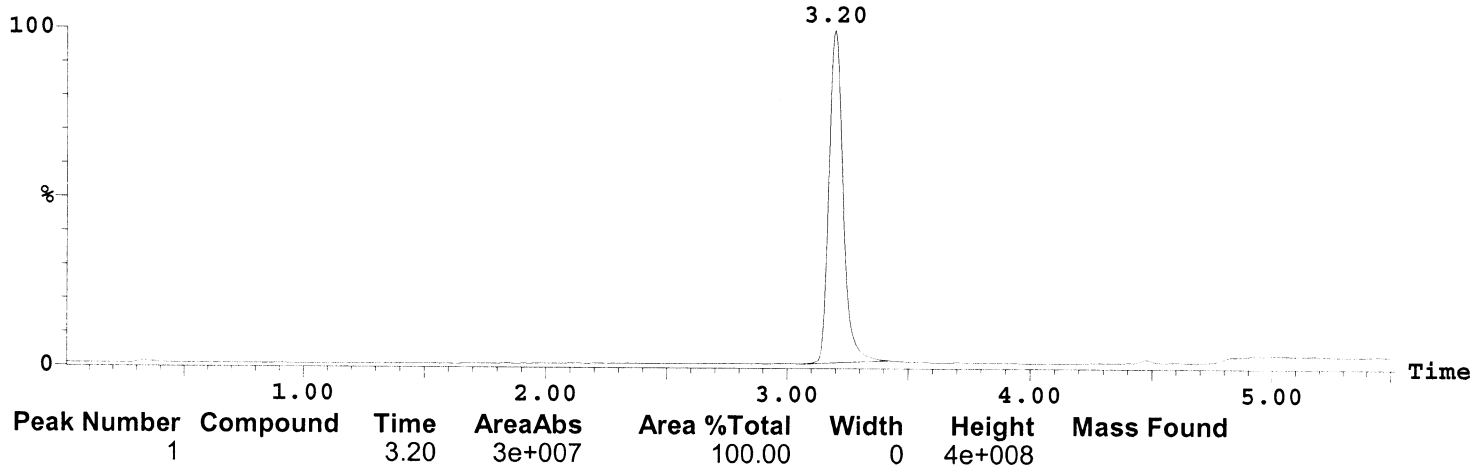
Sample Report:

Sample 1 Vial 1:94 ID 0301211-0007 File 2008ZQ_25893 Date 04-May-2010 Time 21:21:09 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

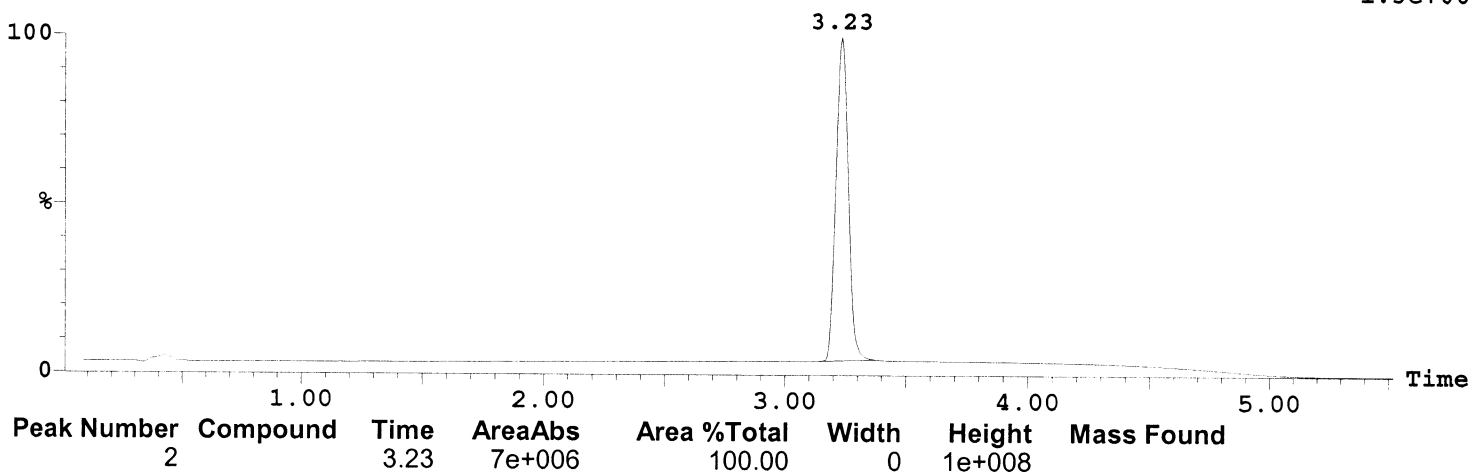
251.92

3.8e+008



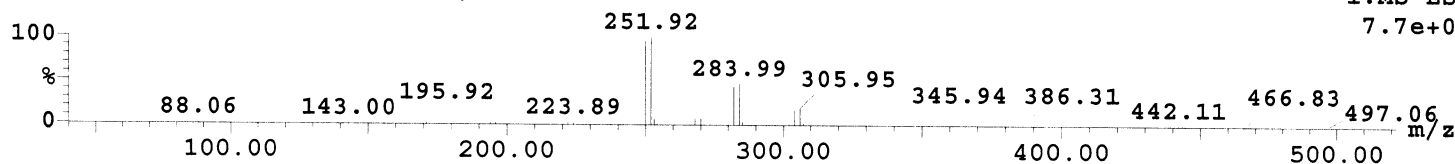
2: DAD: TIC

1.3e+008



Peak ID	Compound	Time	Mass Found
1		3.20	

(Time: 3.20) Combine (539:552)

1:MS ES+
7.7e+007

NMR Spectrum: H1 No: 884
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 2 2009

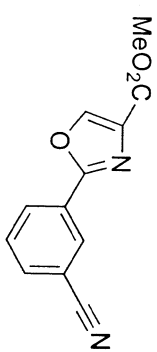
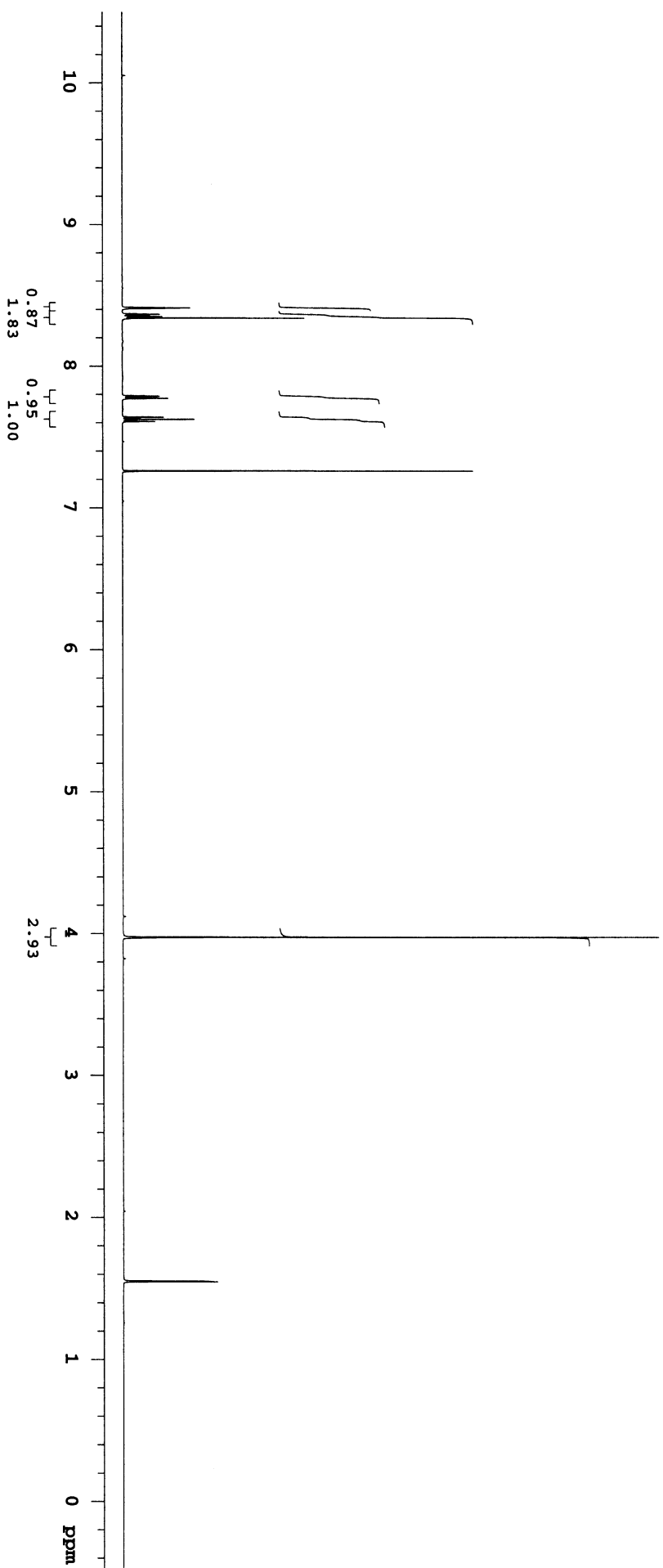


table 3, entry 4



NMR Spectrum: C13 No: 886
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 3 2009

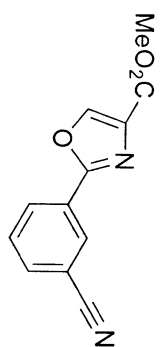
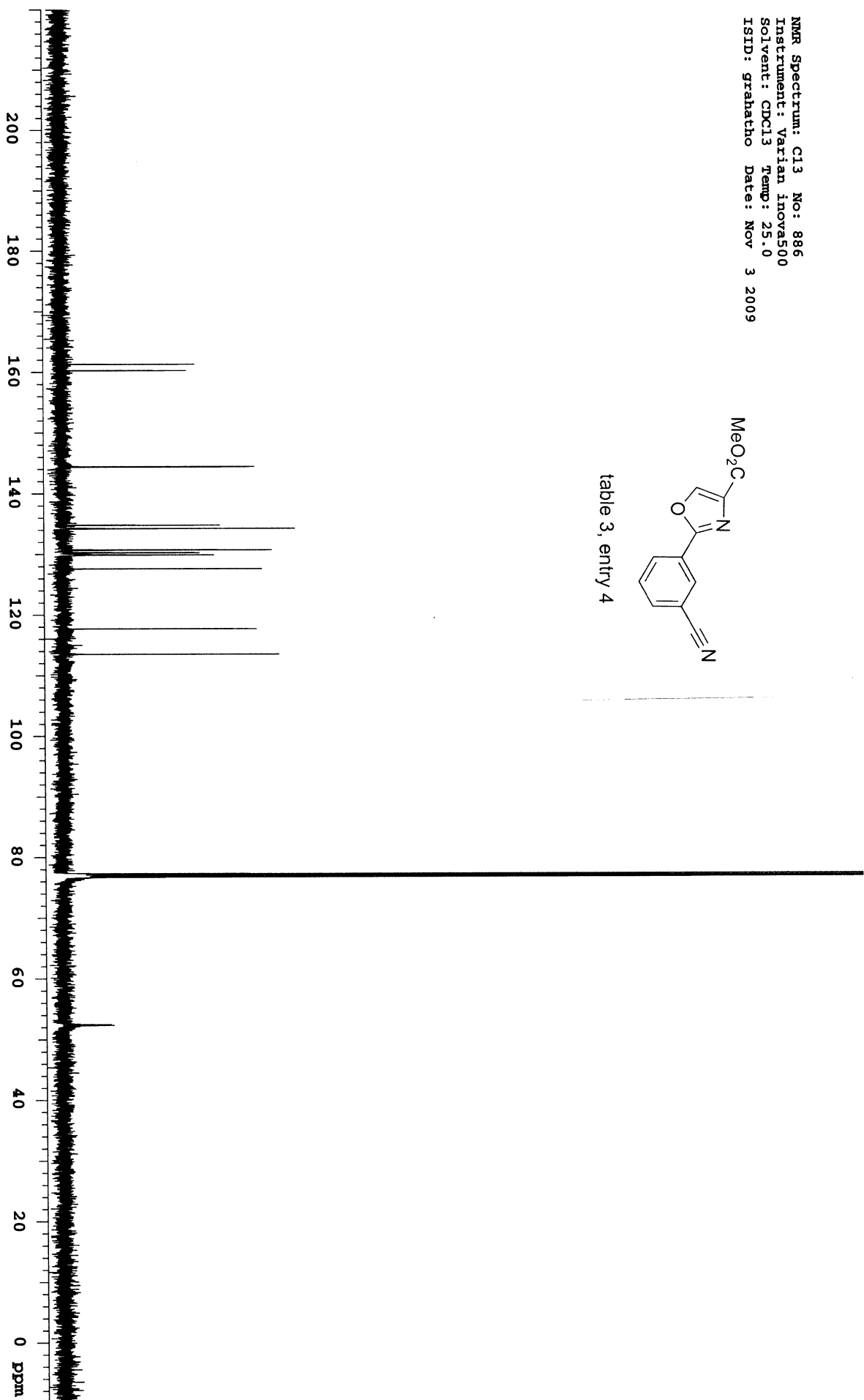


table 3, entry 4



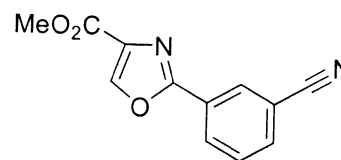


table 3, entry 4

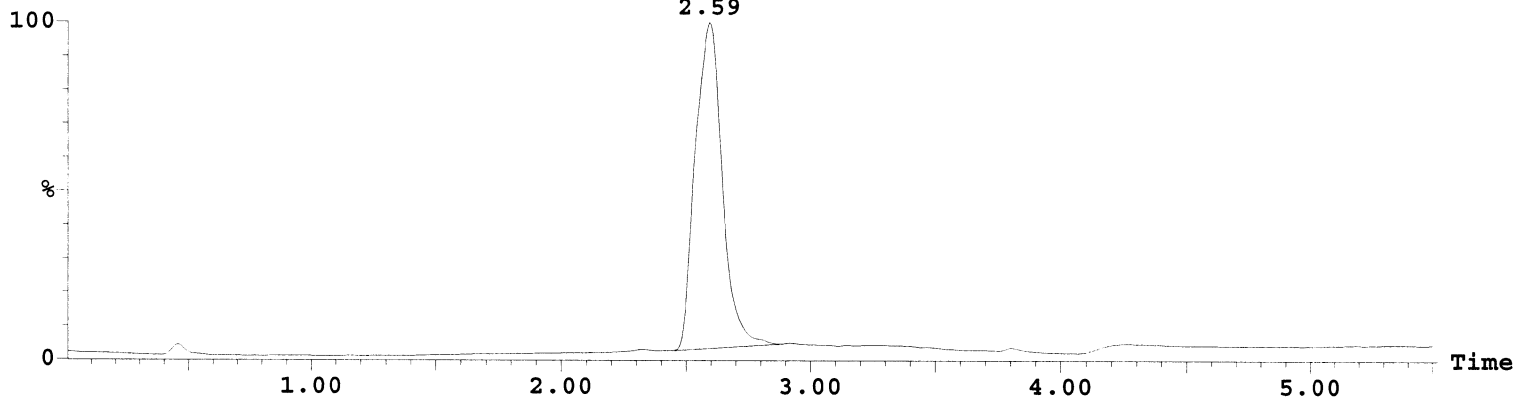
Sample Report:

Sample 1 Vial 1:60 ID 0301211-0025 File 2008ZQ_22459 Date 04-Nov-2009 Time 09:18:18 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

196.96
2.59

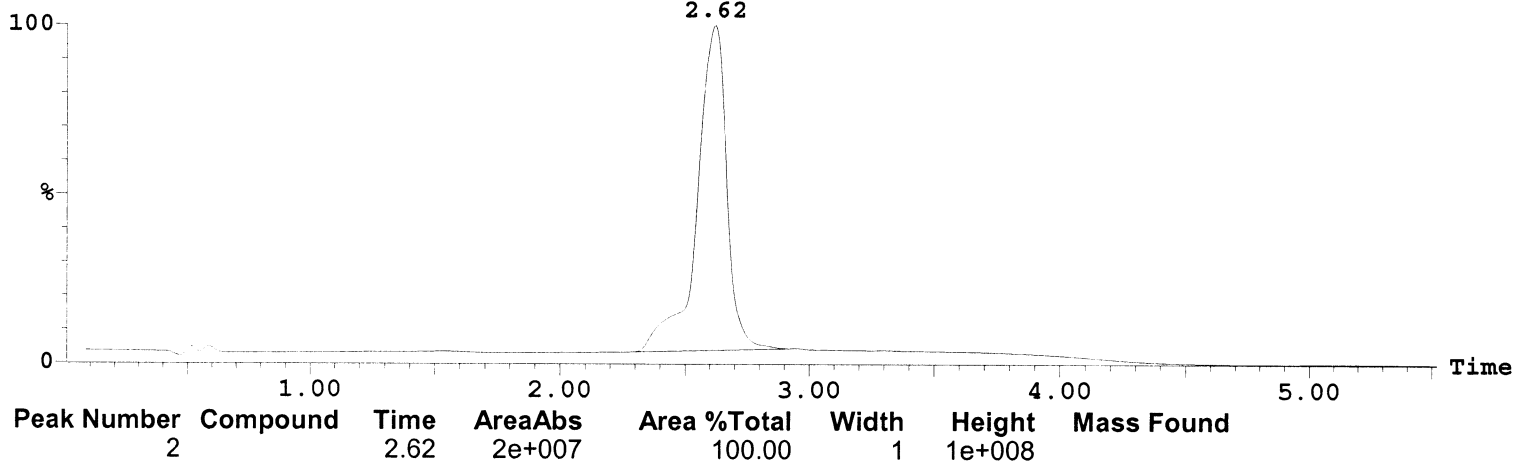
3.4e+008



2: DAD: TIC

2.62

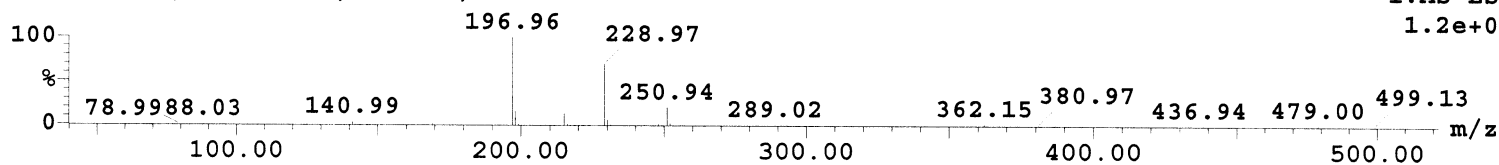
1.5e+008



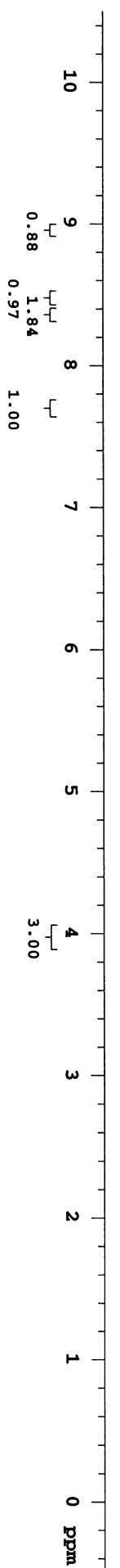
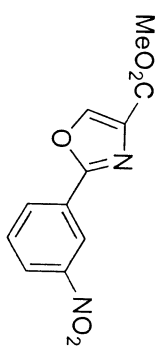
Peak ID Compound Time Mass Found
1 2.59

(Time: 2.59) Combine (436:449)

1:MS ES+
1.2e+008



NMR Spectrum: H1 No: 868
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 27 2009



NMR Spectrum: C13 No: 875
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: girhatho Date: Oct 29 2009

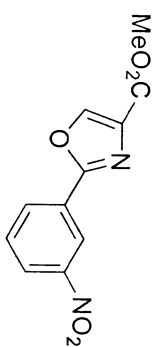
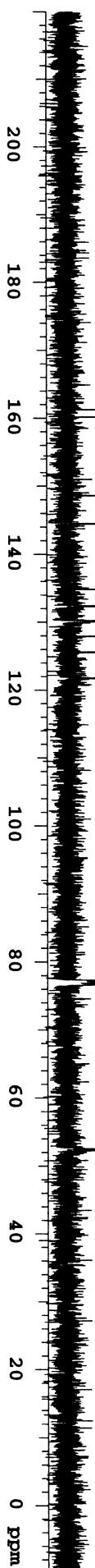
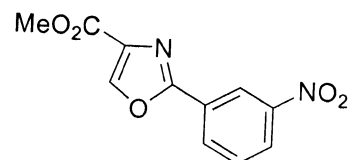


table 3, entry 5



Sample: 1
File:2008ZQ_22965
Description:

Vial:1:66
Date:05-Jan-2010



Printed: Tue Jan 05 19:19:50 2010

table 3, entry 5

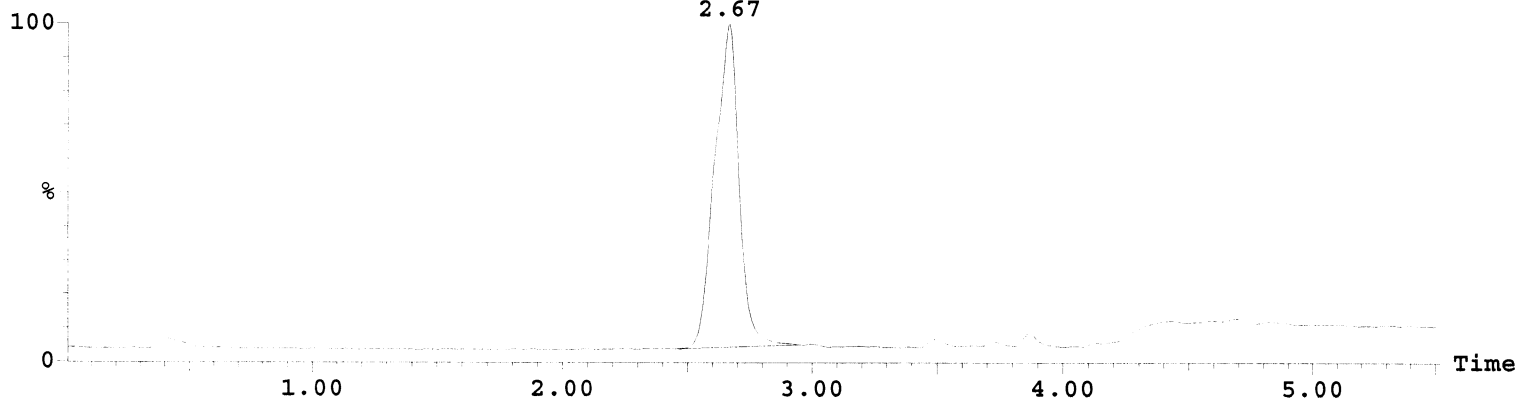
Sample Report:

Sample 1 Vial 1:66 ID 0301211-0063 File 2008ZQ_22965 Date 05-Jan-2010 Time 09:50:21 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

216.94
2.67

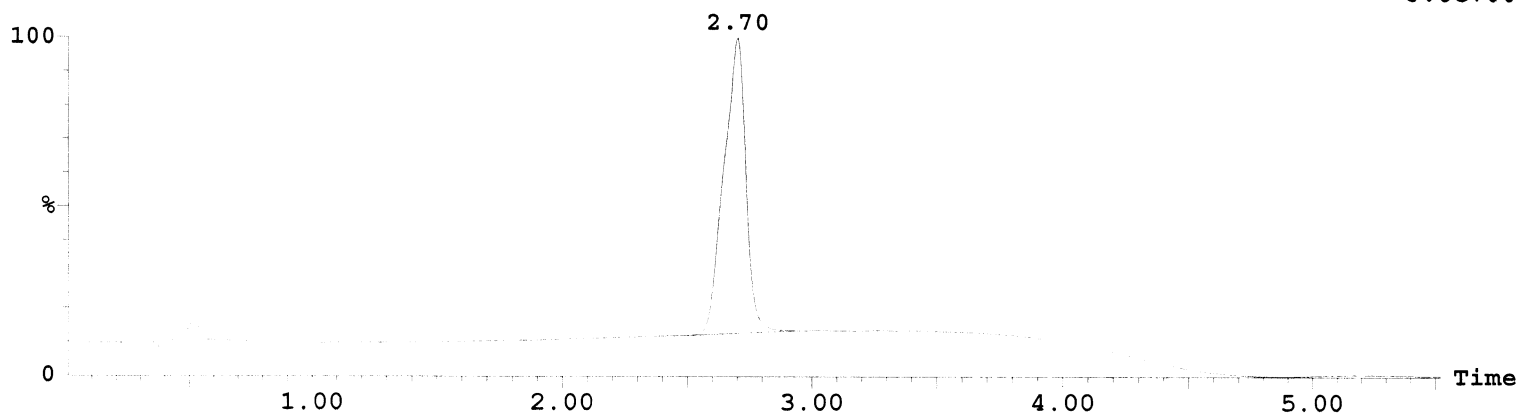
1.0e+008



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.67	1e+007	100.00	0	1e+008	

2: DAD: TIC

3.8e+007

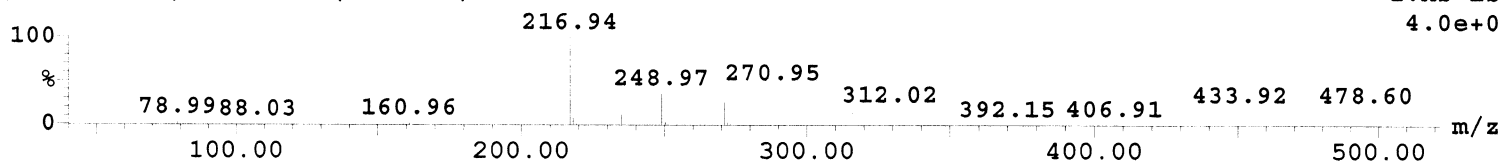


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.70	3e+006	100.00	0	3e+007	

Peak ID	Compound	Time	Mass Found
1		2.67	

(Time: 2.67) Combine (450:464)

1:MS ES+
4.0e+007



MMR Spectrum: H1 No: 862
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 26 2009

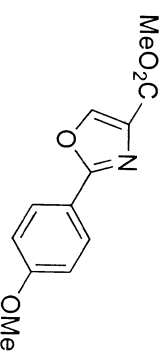
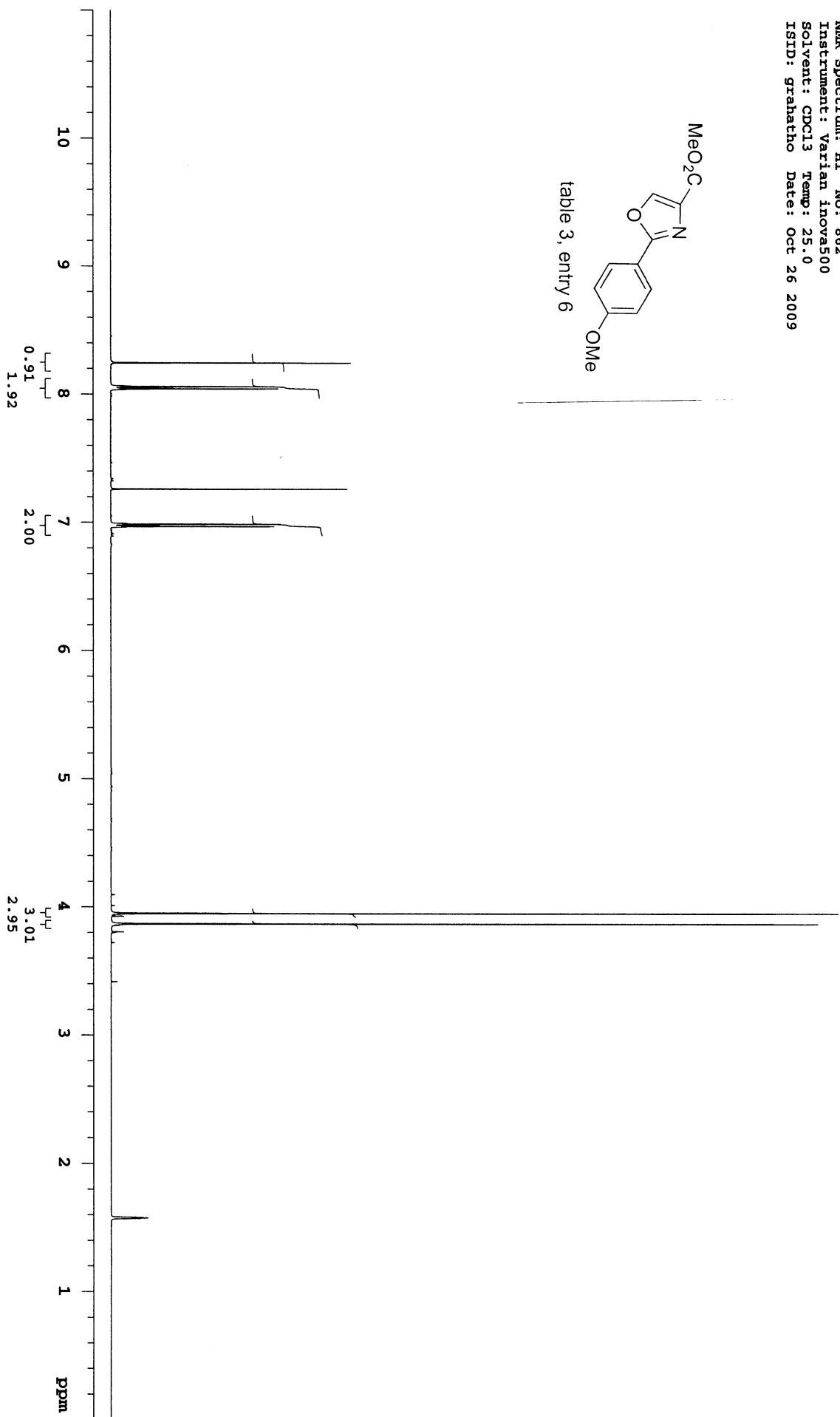
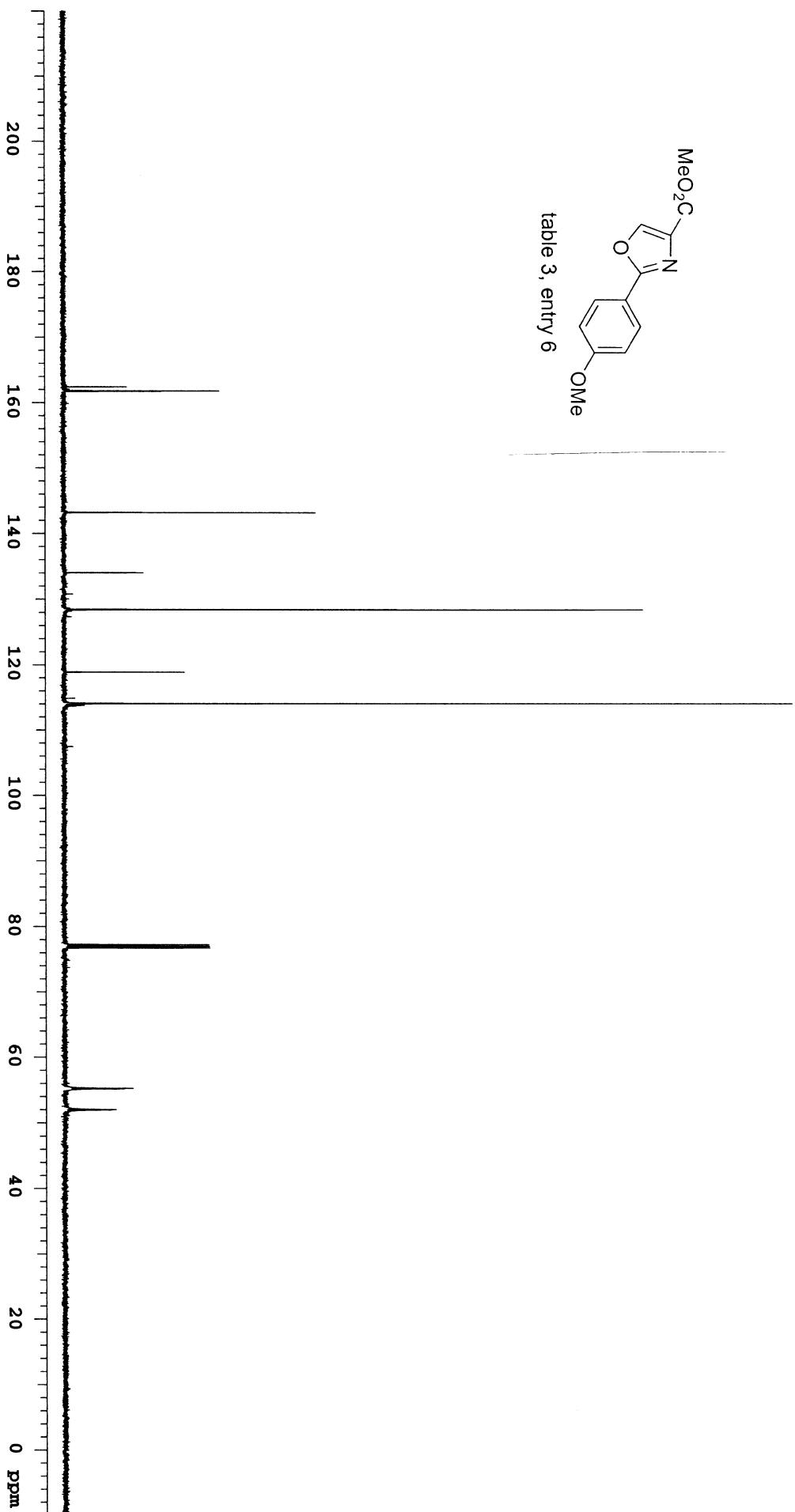
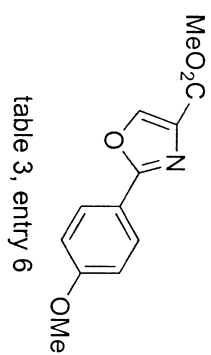


table 3, entry 6



NMR Spectrum: C13 No: 866
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 26 2009



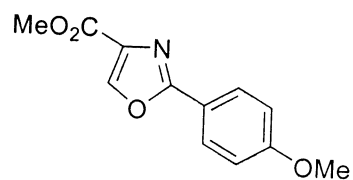


table 3, entry 6

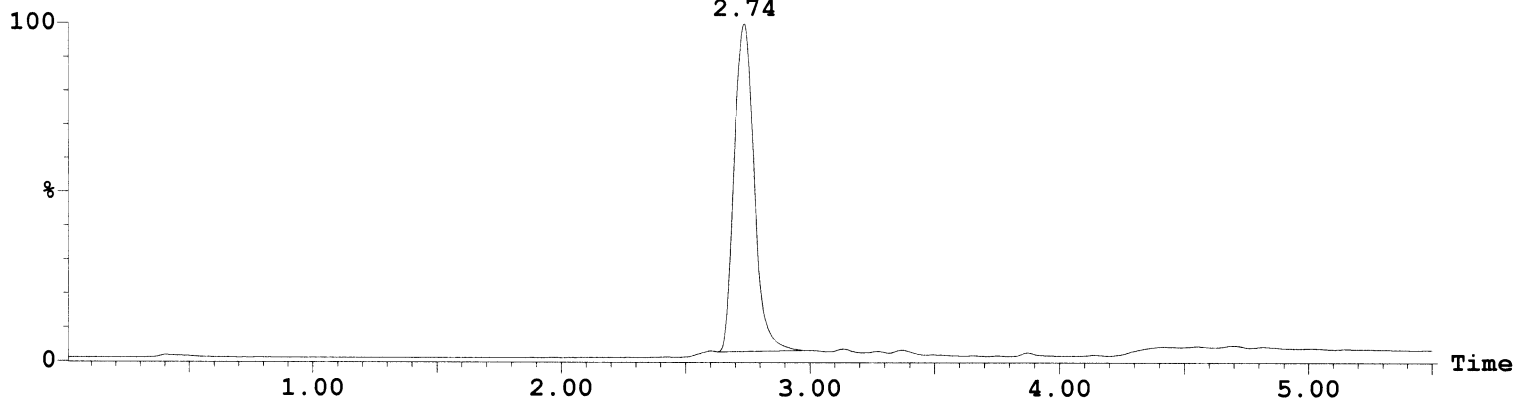
Sample Report:

Sample 1 Vial 1:83 ID 0301211-0064 File 2008ZQ_22582 Date 30-Nov-2009 Time 19:32:10 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

201.96
2.74

3.0e+008

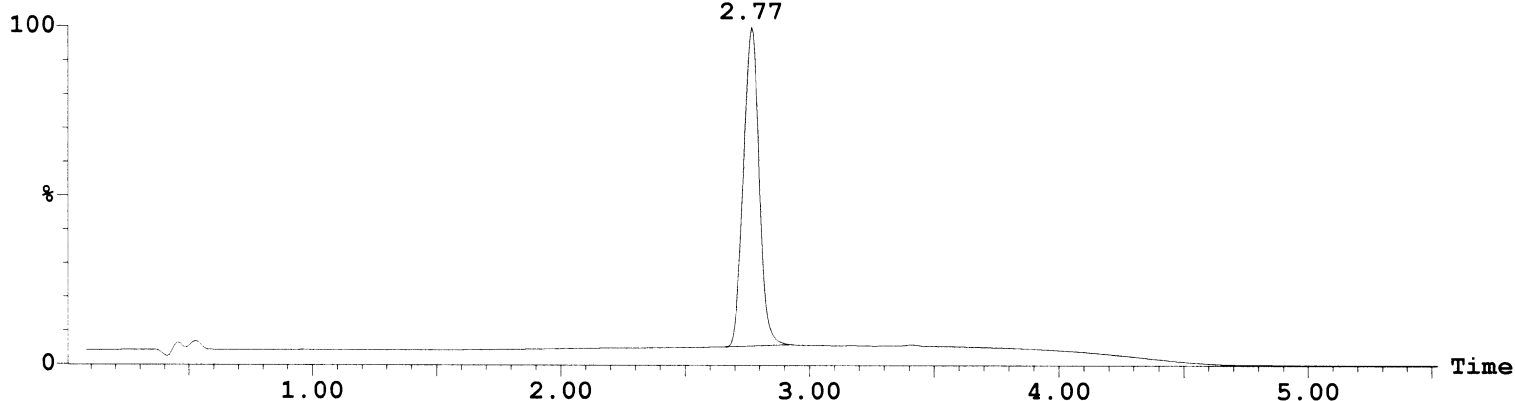


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.74	3e+007	100.00	0	3e+008	

2: DAD: TIC

2.77

9.5e+007

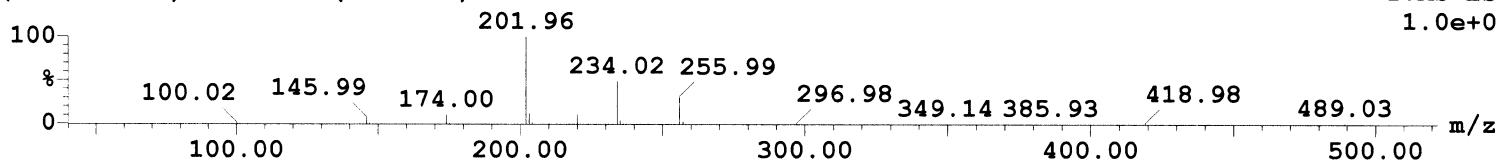


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.77	7e+006	100.00	0	9e+007	

Peak ID Compound Time Mass Found
 1 2.74

(Time: 2.74) Combine (461:475)

1:MS ES+
1.0e+008



NMR Spectrum: H1 No: 861
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 26 2009

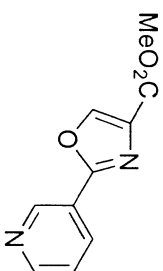
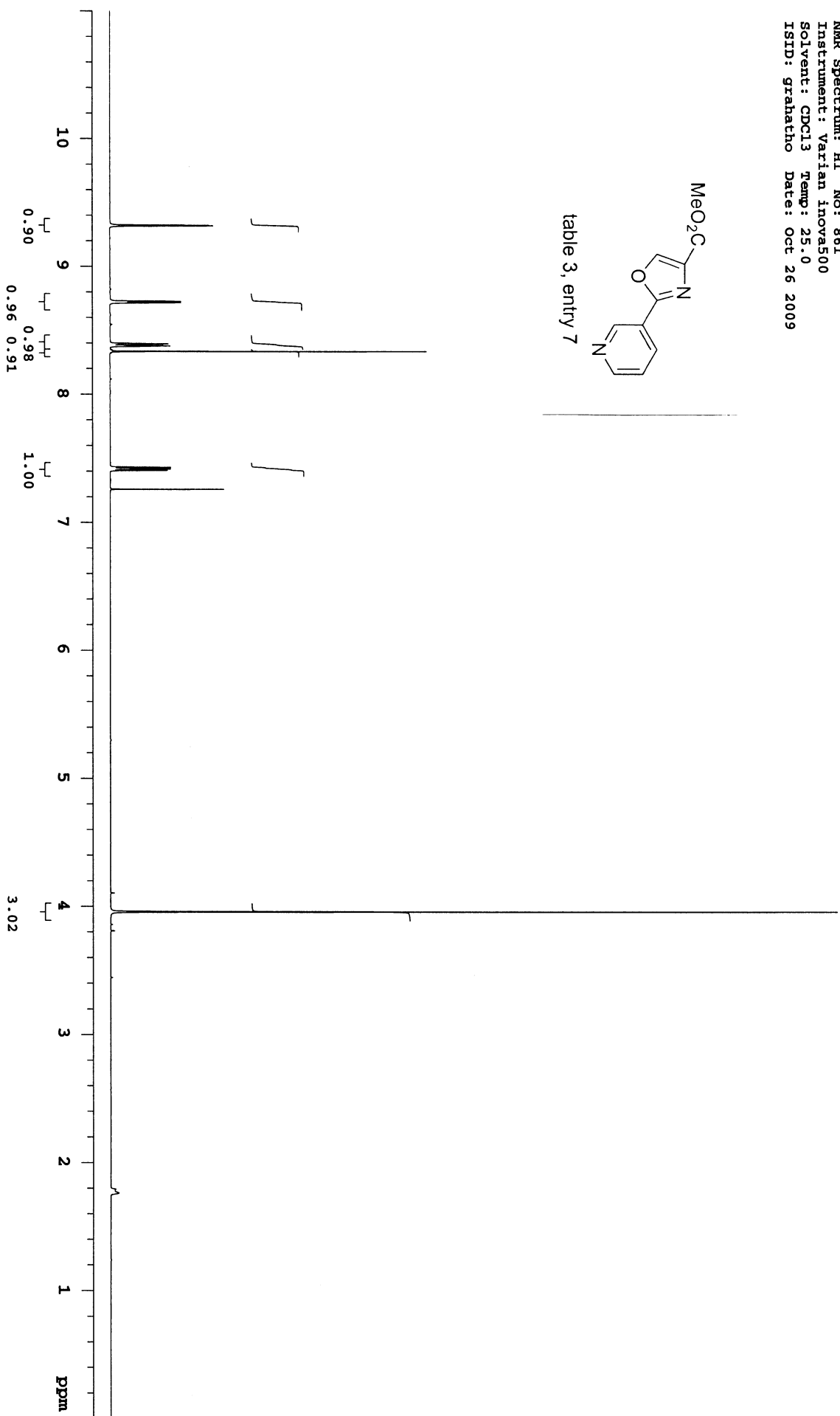


table 3, entry 7



NMR Spectrum: C13 No: 864
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 26 2009

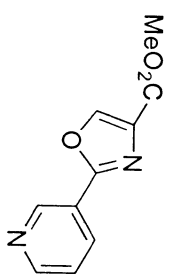
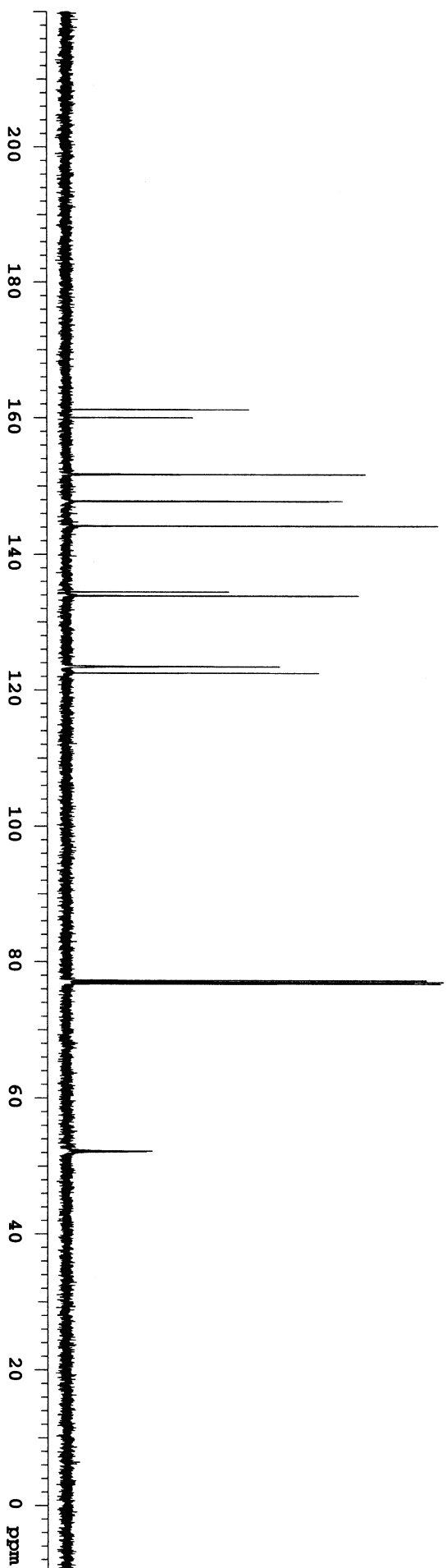


table 3, entry 7



Sample: 1
File:2008ZQ_22933
Description:

Vial:1:34
Date:18-Dec-2009

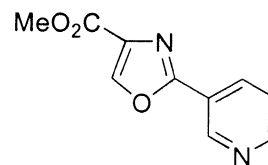


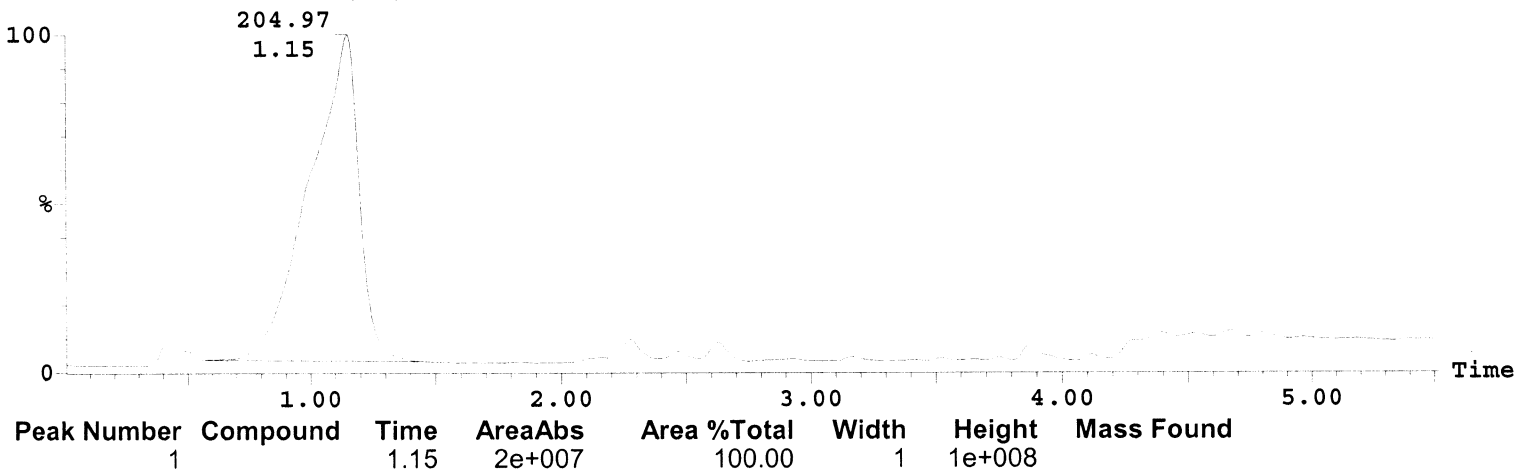
table 3, entry 7

Sample Report:

Sample 1 Vial 1:34 ID 0301211-0065 File 2008ZQ_22933 Date 18-Dec-2009 Time 19:26:55 Description

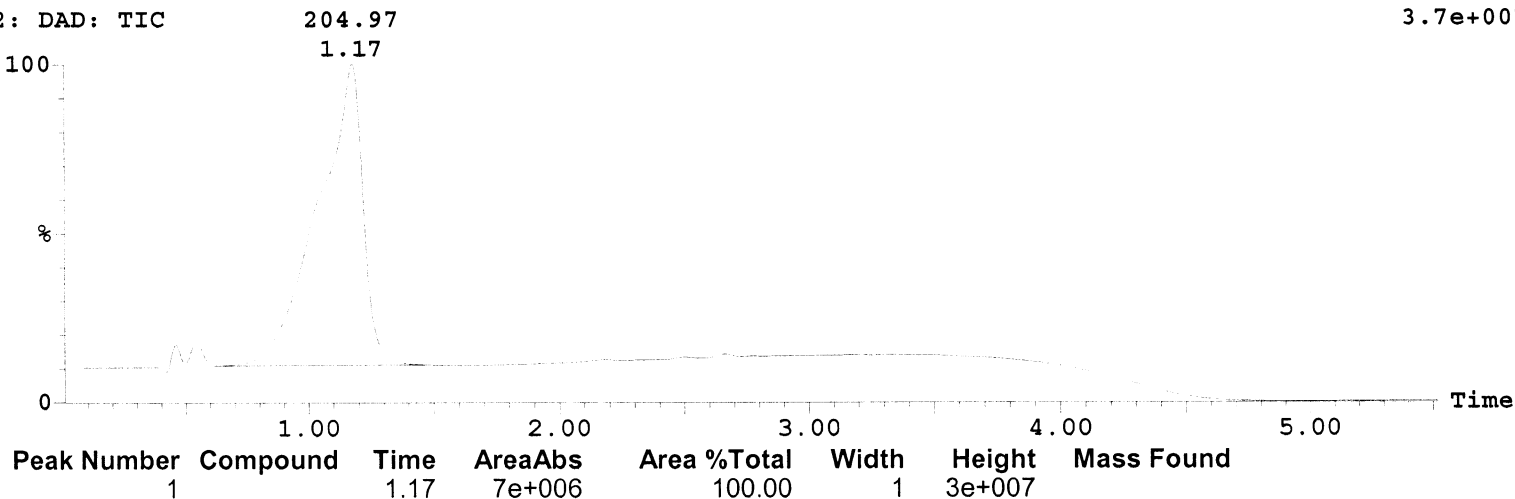
1: MS ES+ :TIC Smooth (Mn, 2x2)

1.0e+008



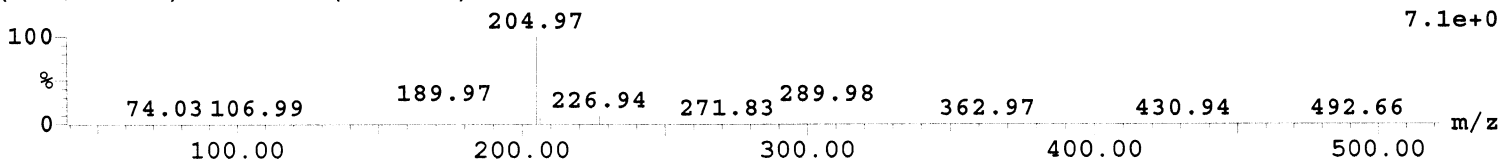
2: DAD: TIC

3.7e+007



Peak ID	Compound	Time	Mass Found
1		1.15	

(Time: 1.15) Combine (191:205)

1:MS ES+
7.1e+007

NMR Spectrum: H1 No: 957
Instrument: Varian inova500
Solvent: DMSO Temp: 25.0
ISID: grabatho Date: Nov 30 2009

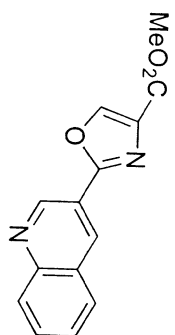
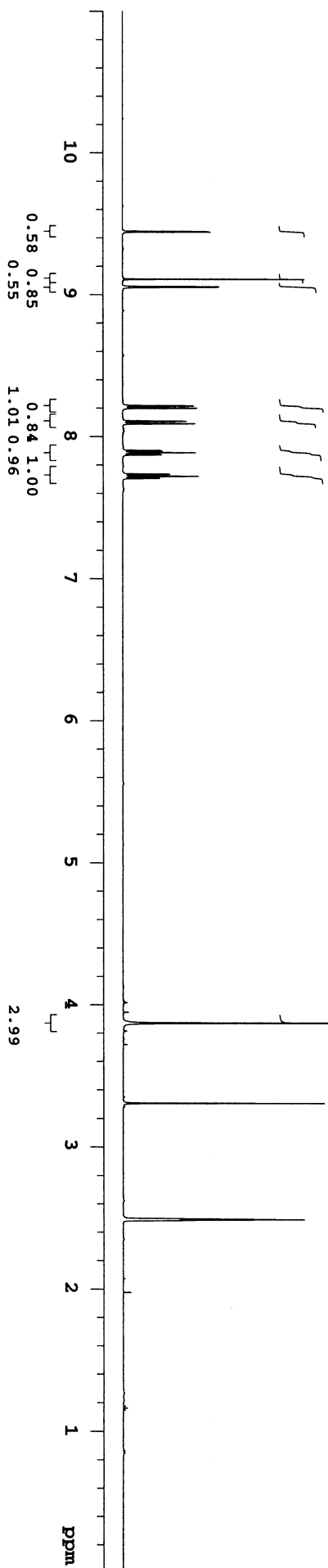


table 3, entry 8



NMR Spectrum: C13 No: 908
Instrument: Varian Inova500
Solvent: DMSO Temp: 25.0
ISID: grahatho Date: Nov 12 2009

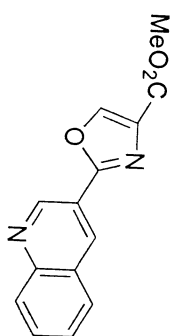
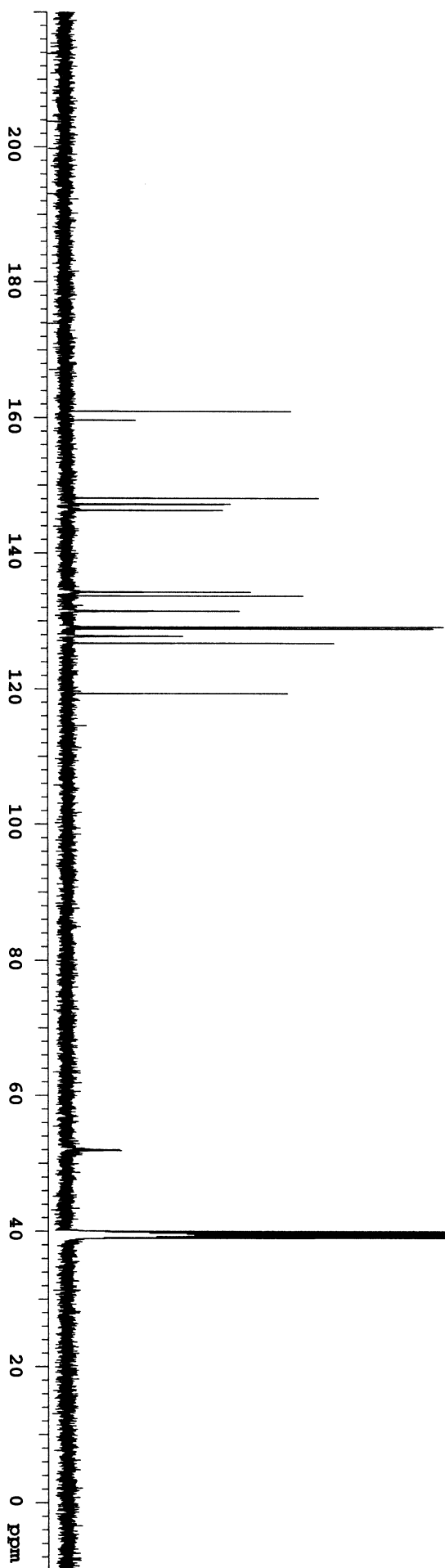


table 3, entry 8



Printed: Thu Nov 12 19:49:15 2009

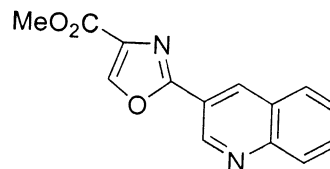


table 3, entry 8

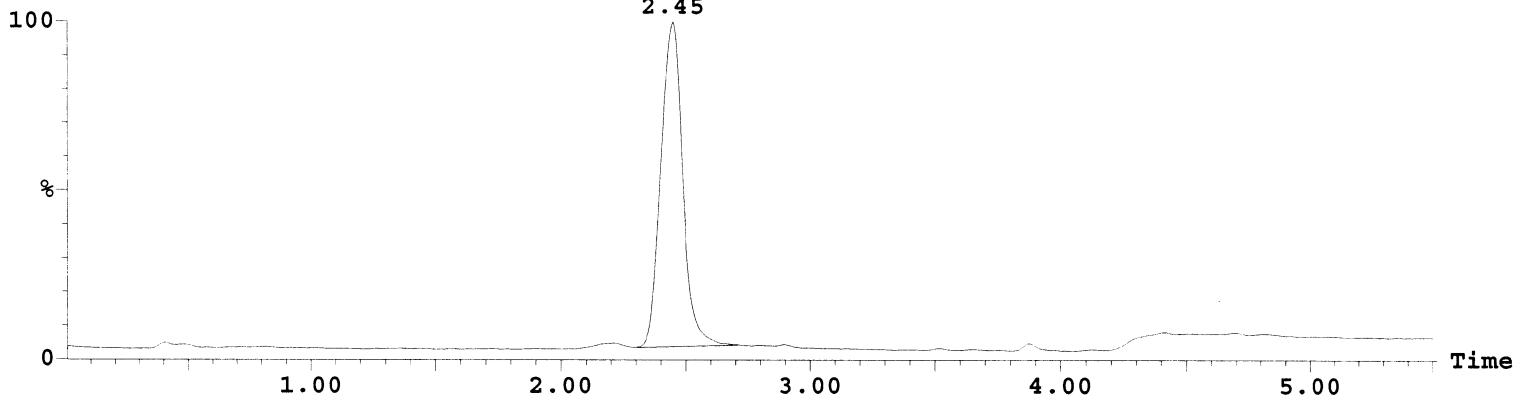
Sample Report:

Sample 1 Vial 1:7 ID 0301211-0038 File 2008ZQ_22506 Date 12-Nov-2009 Time 19:41:33 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

255.01
2.45

1.6e+008

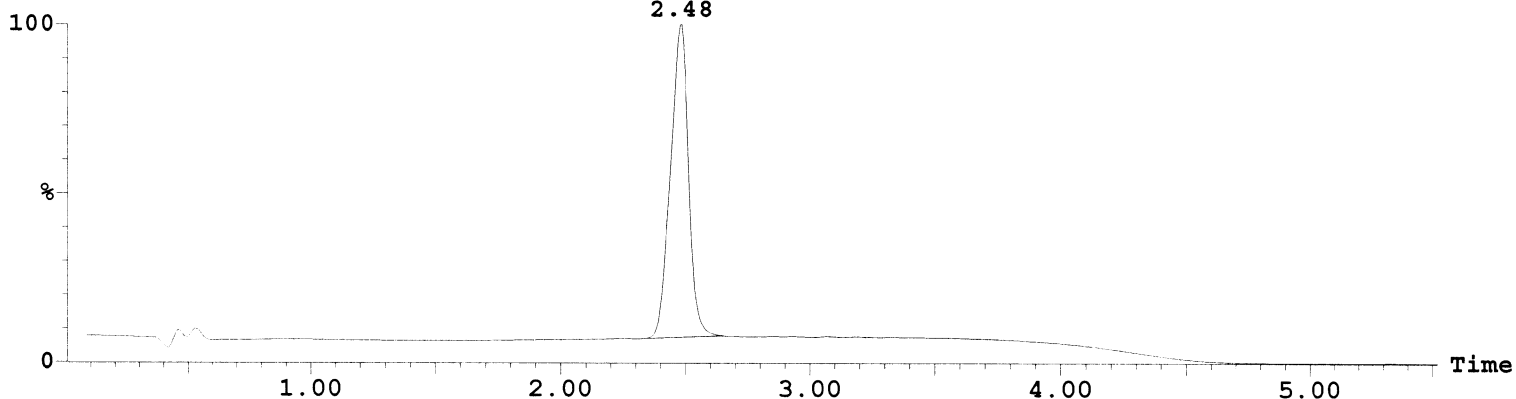


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.45	2e+007	100.00	0	2e+008	

2: DAD: TIC

2.48

7.4e+007

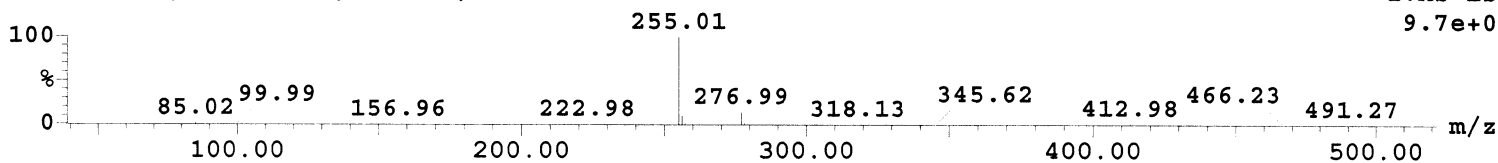


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.48	6e+006	100.00	0	7e+007	

Peak ID Compound Time Mass Found
1 2.45

(Time: 2.45) Combine (412:426)

1:MS ES+
9.7e+007



NMR Spectrum: H1 No: 877
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Oct 30 2009

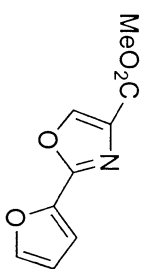
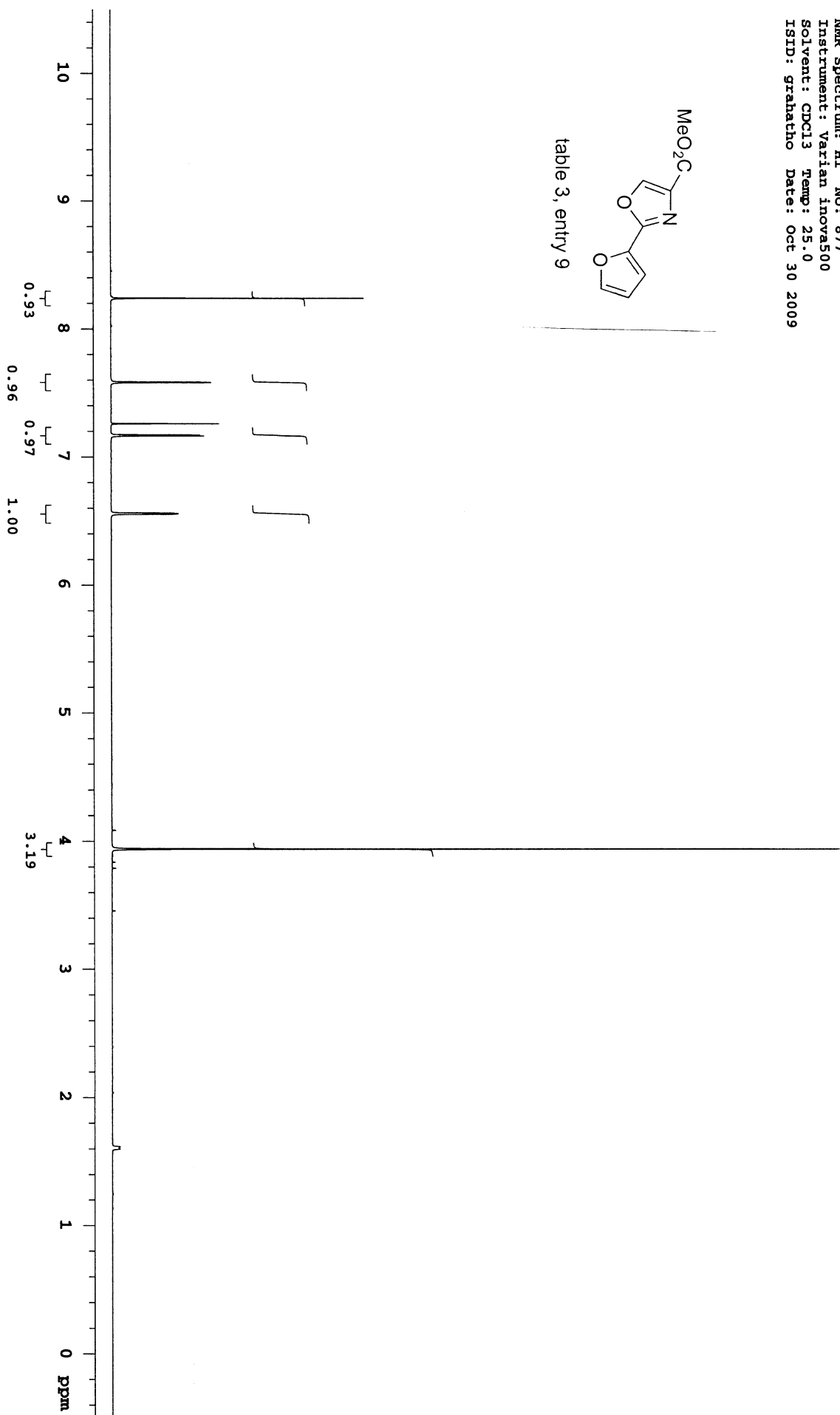


table 3, entry 9



NMR Spectrum: C13 No: 882
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahachn Date: Oct 30 2009

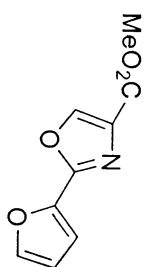
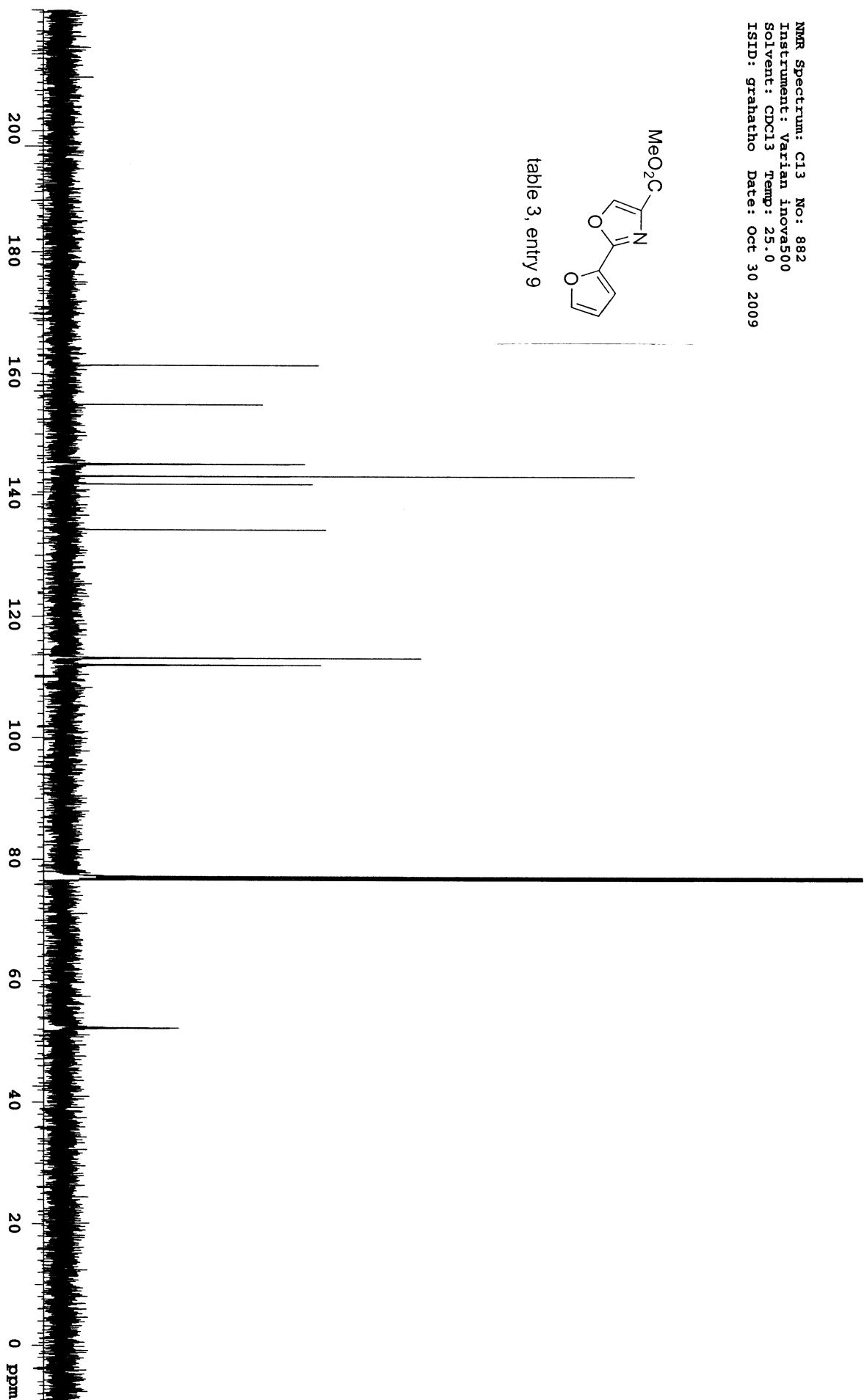
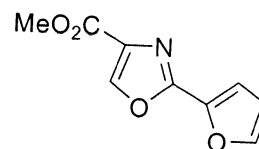


table 3, entry 9





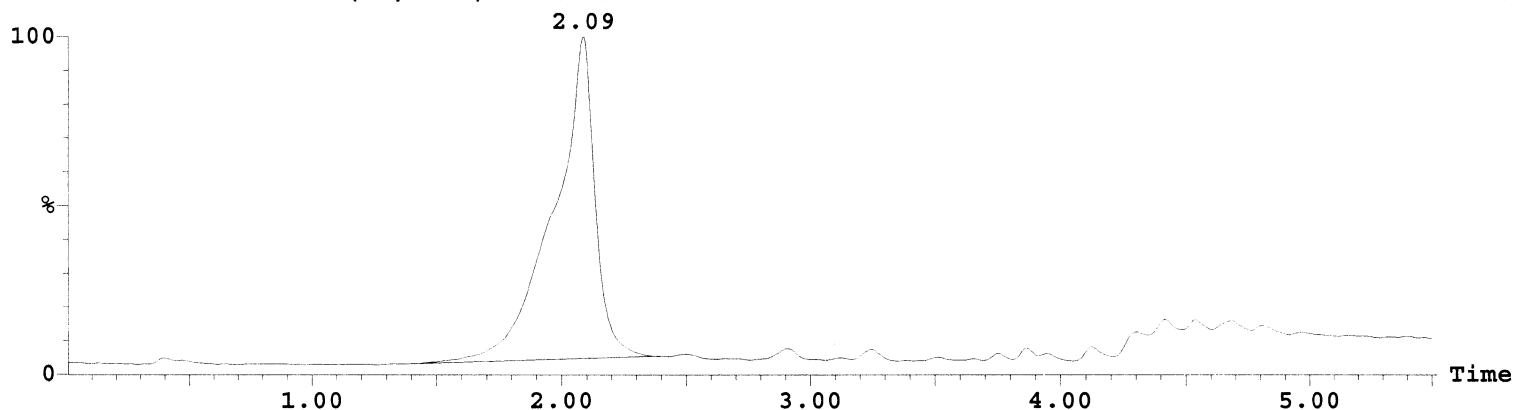
Printed: Wed Dec 09 20:15:33 2009

table 3, entry 9

Sample Report:

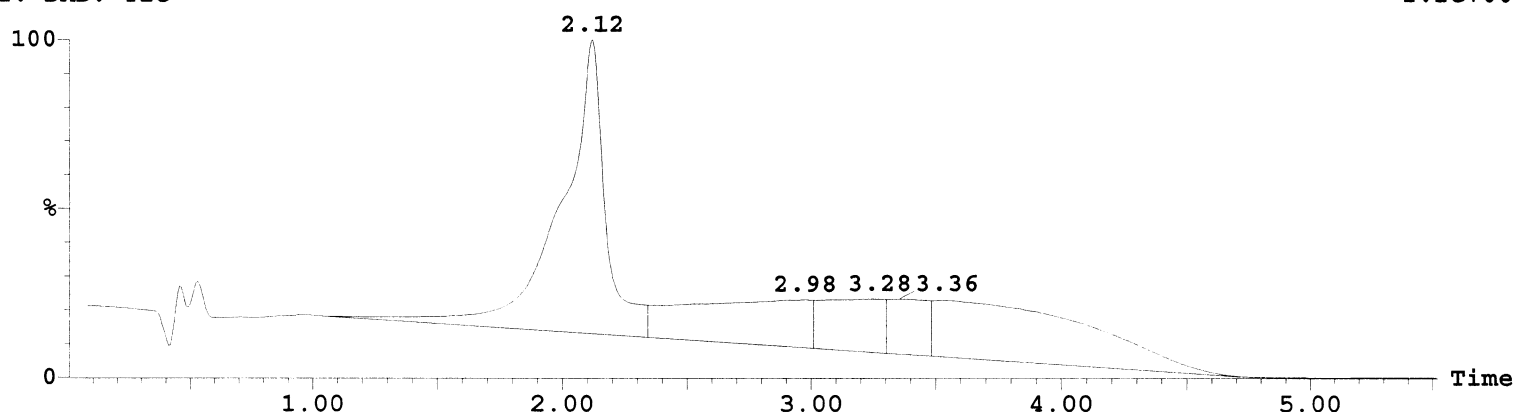
Sample 1 Vial 1:52 ID 0301211-0067 File 2008ZQ_22751 Date 09-Dec-2009 Time 18:21:14 Description

1: MS ES+ :TIC Smooth (Mn, 2x2) 161.94 8.9e+007



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.09	2e+007	100.00	1	8e+007	

2: DAD: TIC 2.2e+007

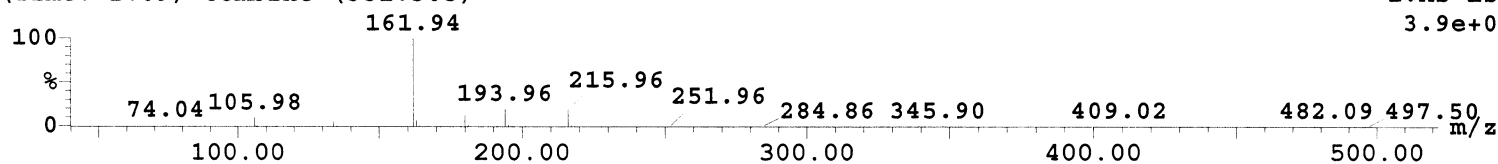


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.12	4e+006	39.35	1	2e+007	
3		2.98	2e+006	17.21	1	3e+006	
4		3.28	1e+006	9.66	0	4e+006	
5		3.36	6e+005	6.13	0	4e+006	
6		3.53	3e+006	27.65	1	4e+006	

Peak ID Compound Time Mass Found
1 2.09

(Time: 2.09) Combine (351:365)

1:MS ES+
3.9e+007



NMR Spectrum: H1 No: 902
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 9 2009

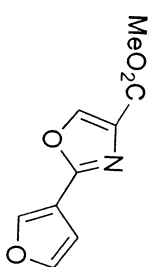
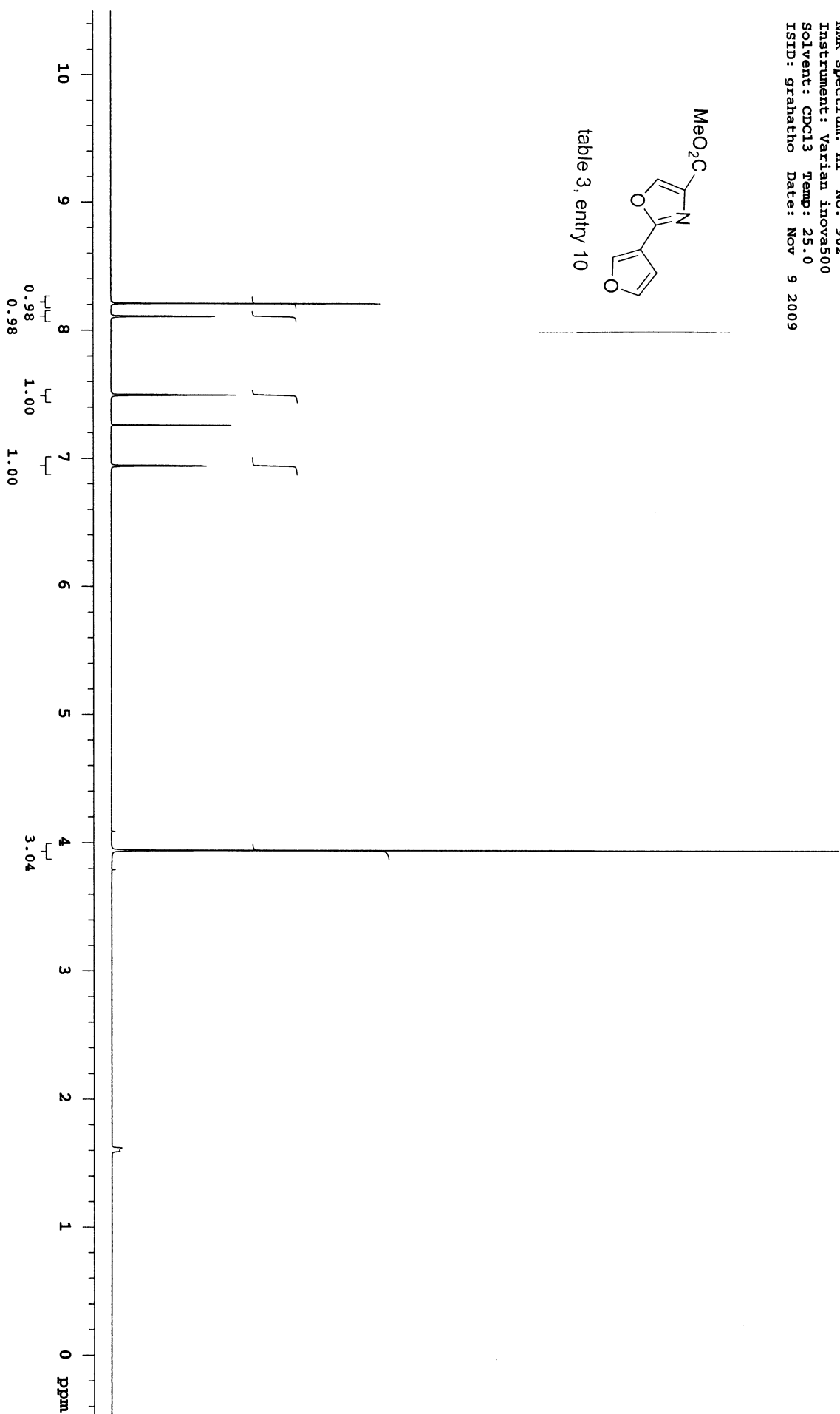


table 3, entry 10



NMR Spectrum: C13 No: 903
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 9 2009

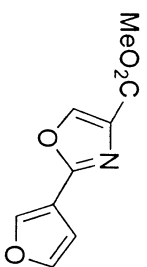
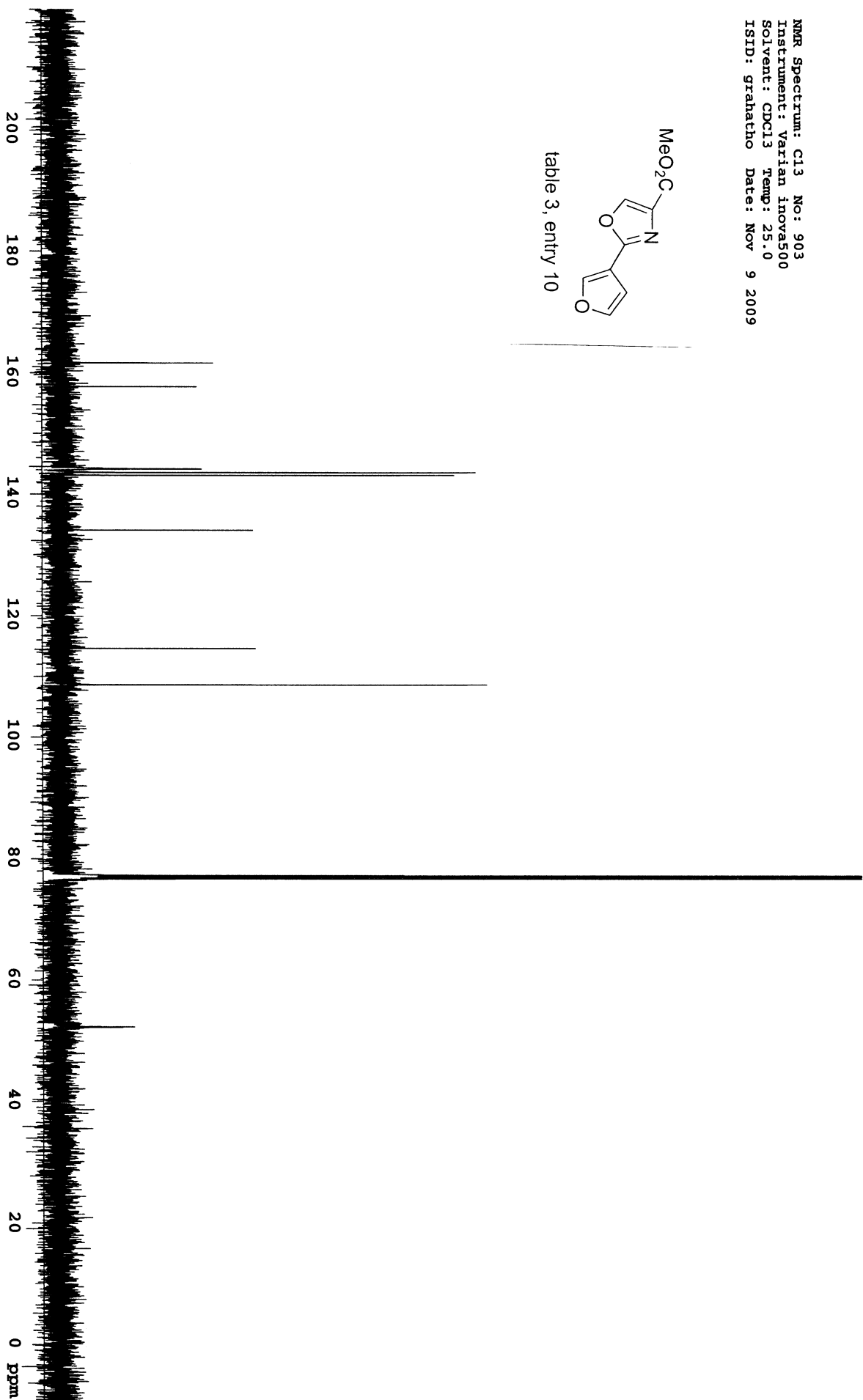


table 3, entry 10



Sample: 1

Vial:1:92

File:2008ZQ_25891

Date:04-May-2010

Description:

Printed: Tue May 04 21:16:12 2010

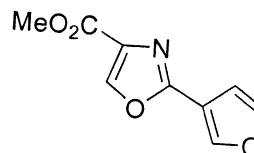


table 3, entry 10

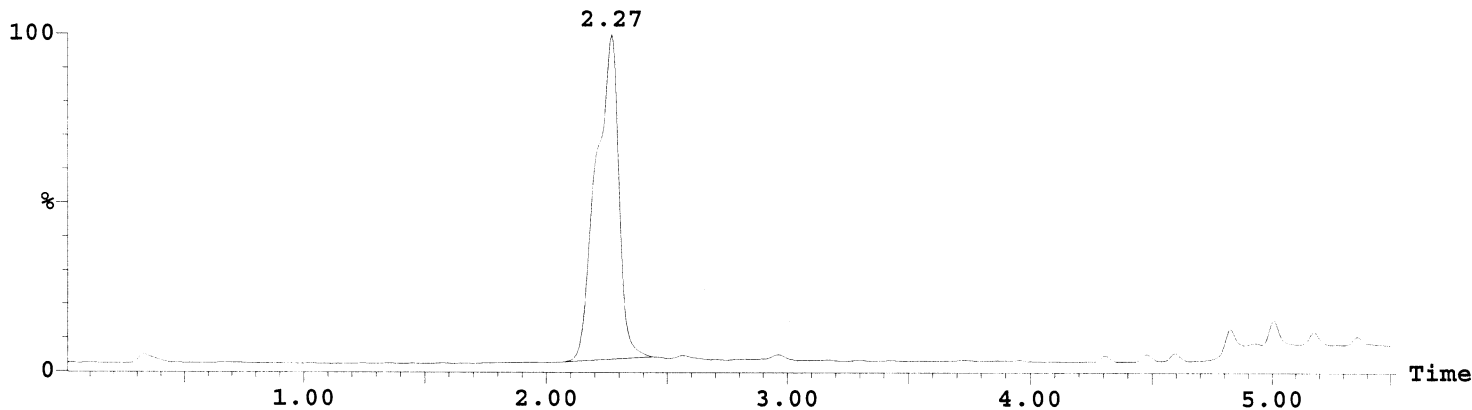
Sample Report:

Sample 1 Vial 1:92 ID 0301211-0032 File 2008ZQ_25891 Date 04-May-2010 Time 21:06:25 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

161.95

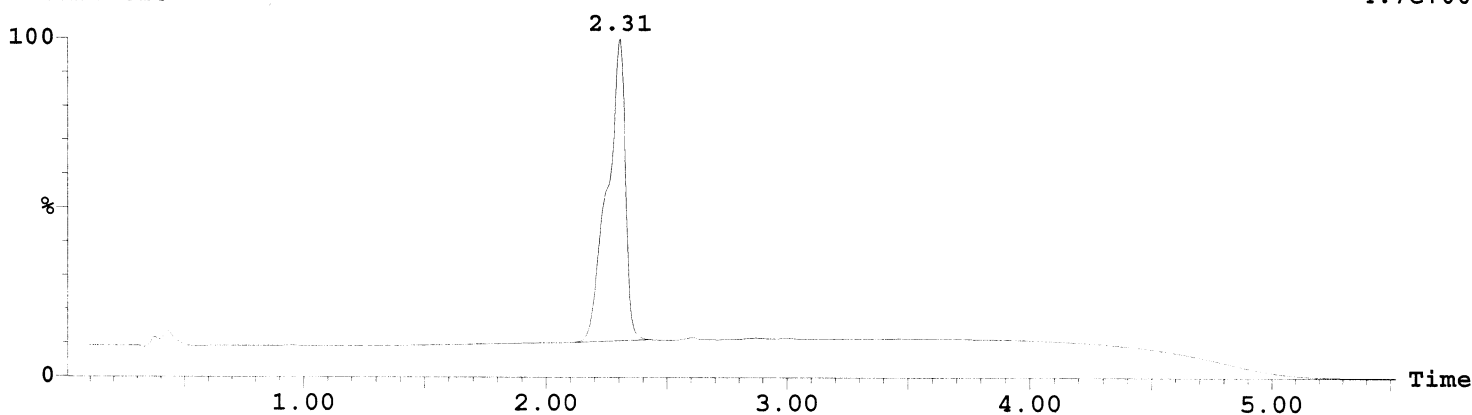
1.7e+008



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.27	2e+007	100.00	0	2e+008	

2: DAD: TIC

4.7e+007



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.31	4e+006	100.00	0	4e+007	

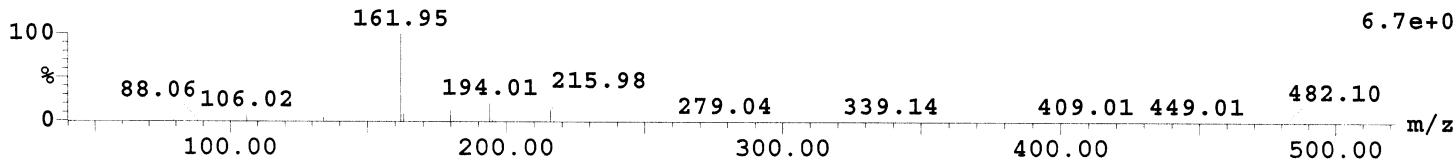
Peak ID Compound Time Mass Found

1 2.27

(Time: 2.27) Combine (381:395)

1:MS ES+

6.7e+007



NMR Spectrum: H1 No: 876
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 30 2009

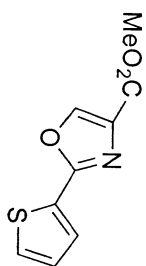
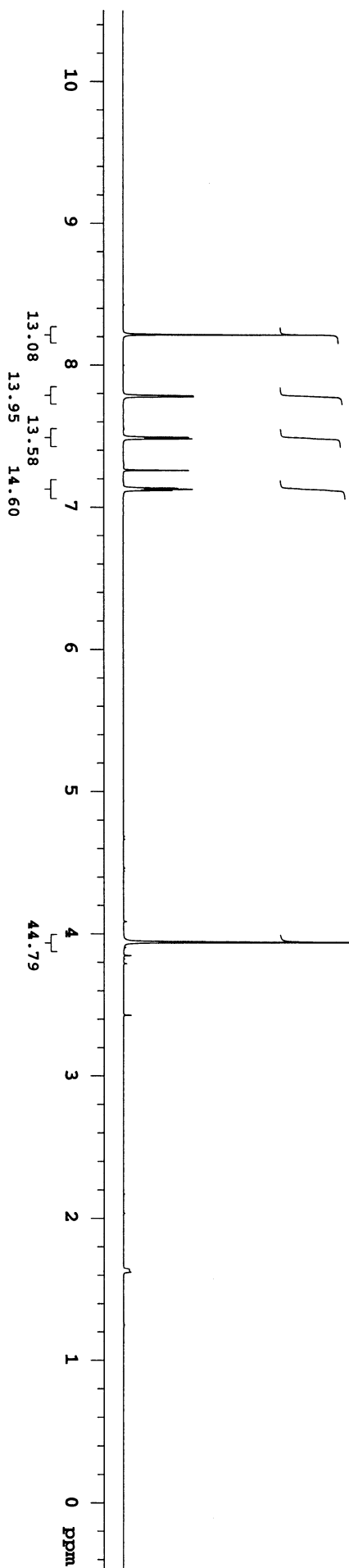


table 3, entry 11



NMR Spectrum: C13 No: 885
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Nov 2 2009

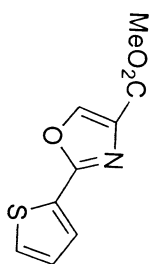
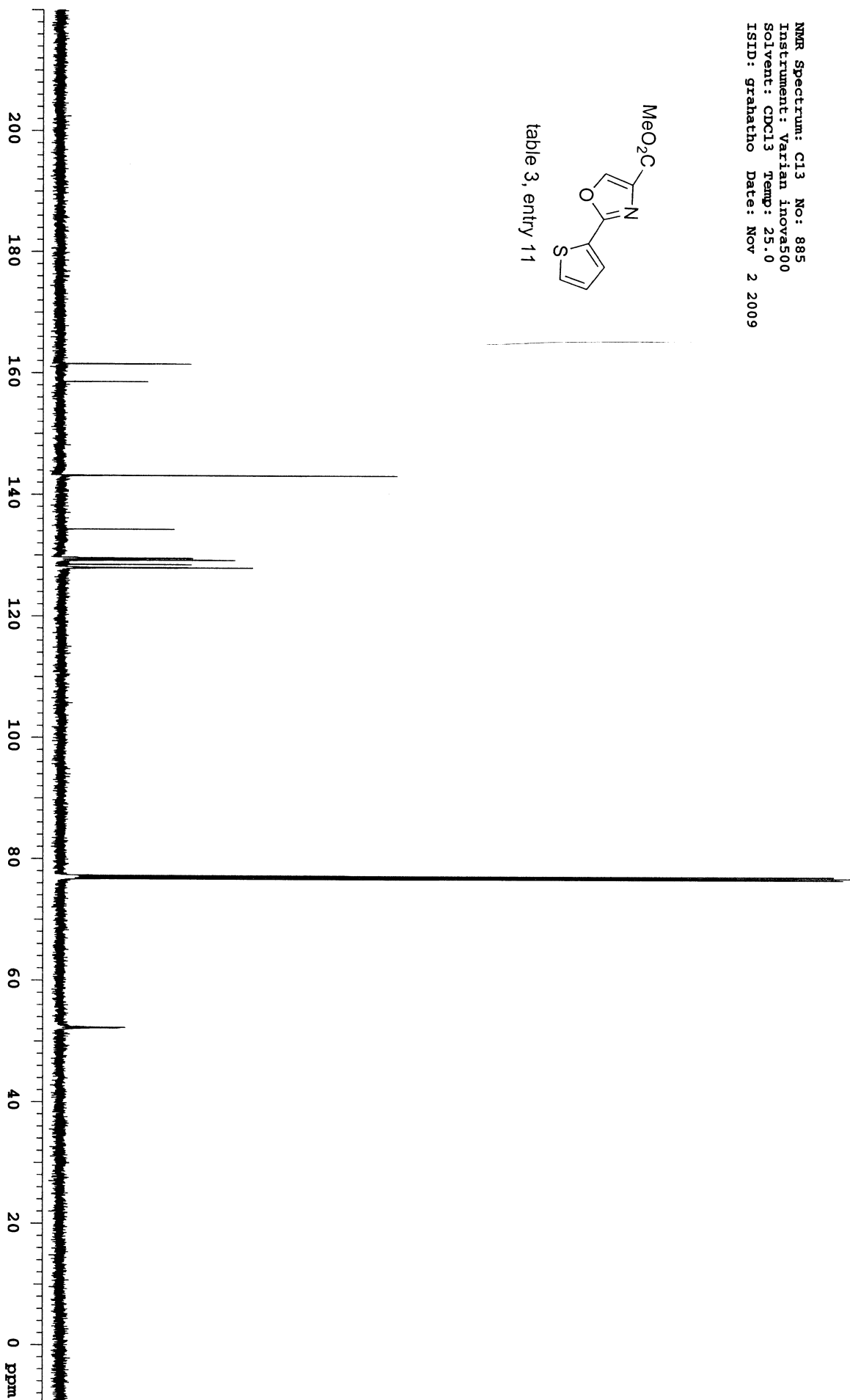


table 3, entry 11



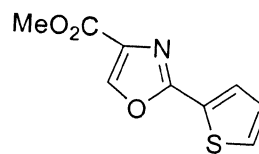


table 3, entry 11

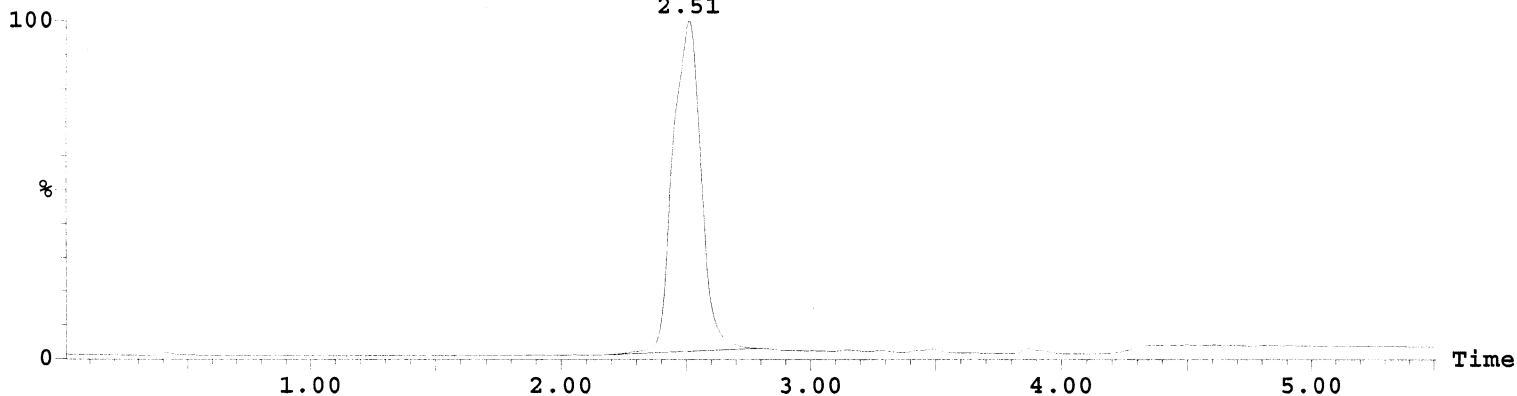
Sample Report:

Sample 1 Vial 1:26 ID 0301211-0068 File 2008ZQ_22925 Date 18-Dec-2009 Time 17:14:08 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

177.87
2.51

3.1e+008

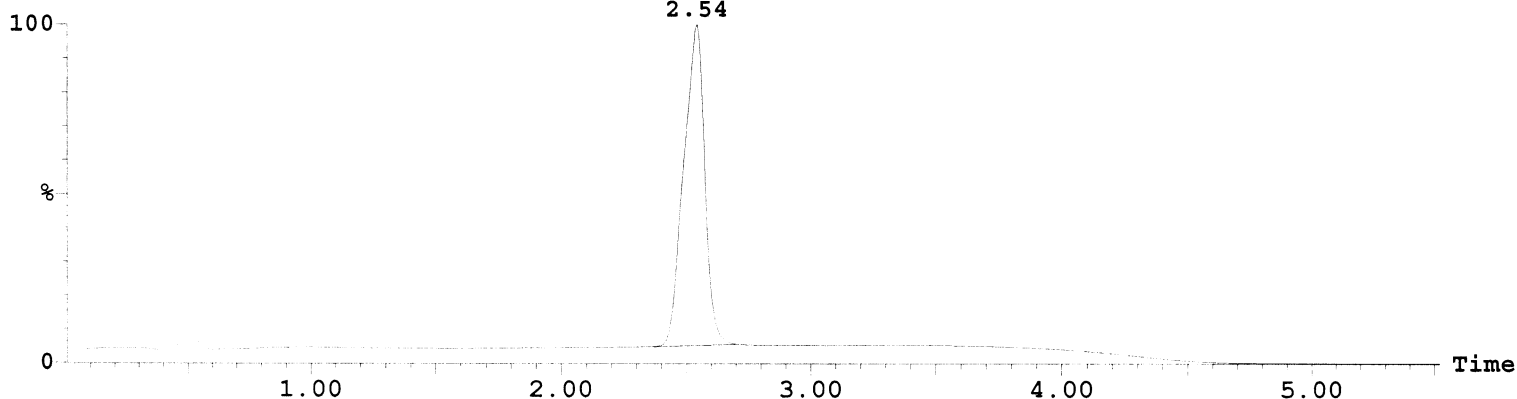


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.51	4e+007	100.00	1	3e+008	

2: DAD: TIC

2.54

1.0e+008

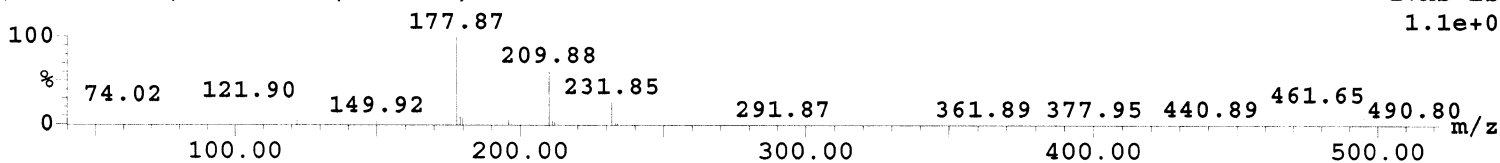


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.54	1e+007	100.00	0	1e+008	

Peak ID Compound Time Mass Found
1 2.51

(Time: 2.51) Combine (422:435)

1:MS ES+
1.1e+008



NMR Spectrum: H1 No: 898
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: gratho Date: Nov 7 2009

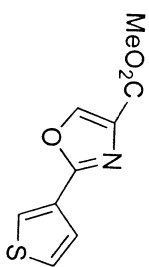
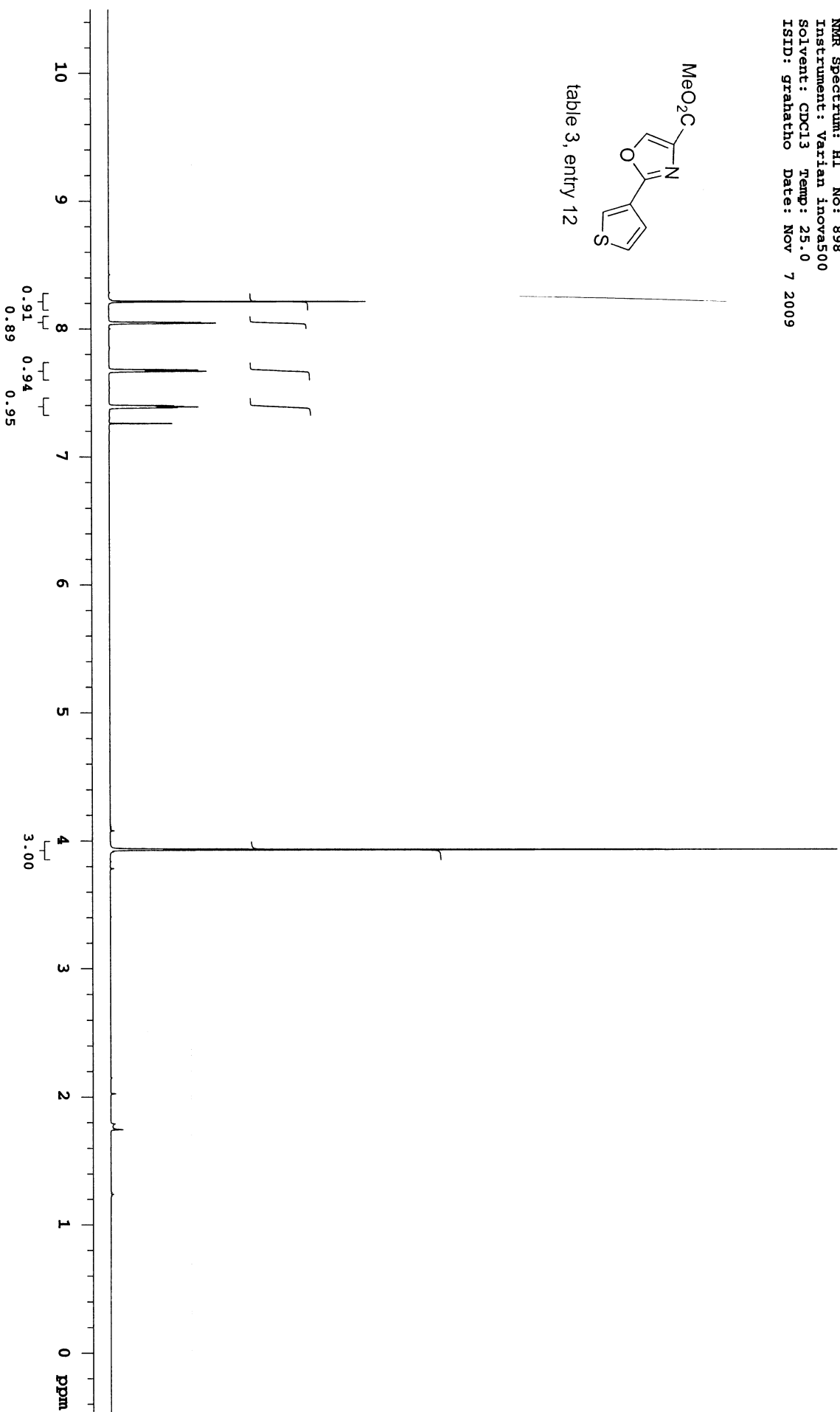


table 3, entry 12



NMR Spectrum: C13 No: 899
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: ghratho Date: Nov 7 2009

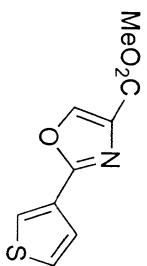
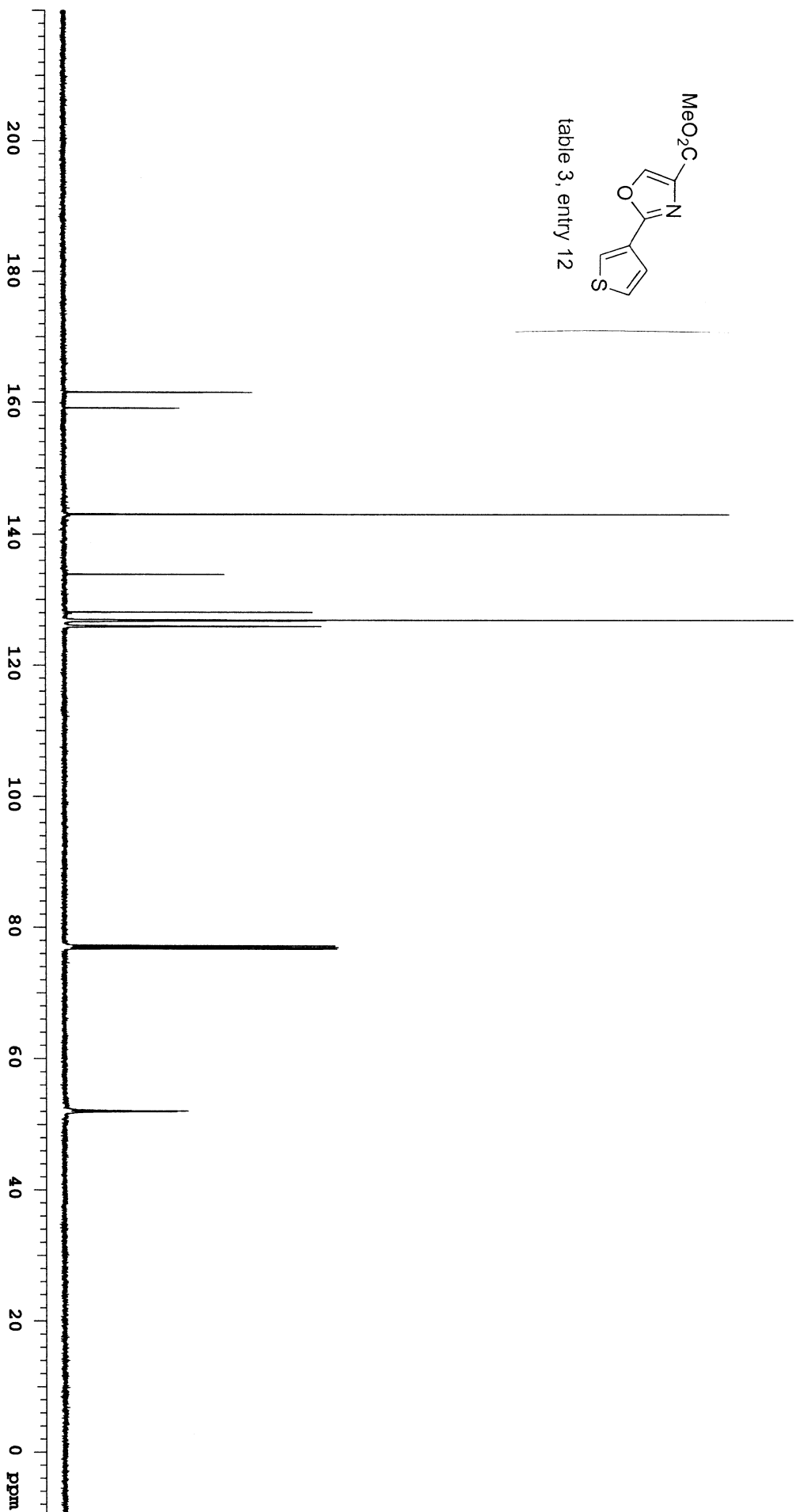


table 3, entry 12



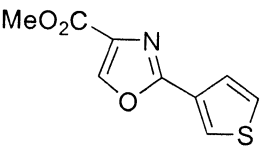
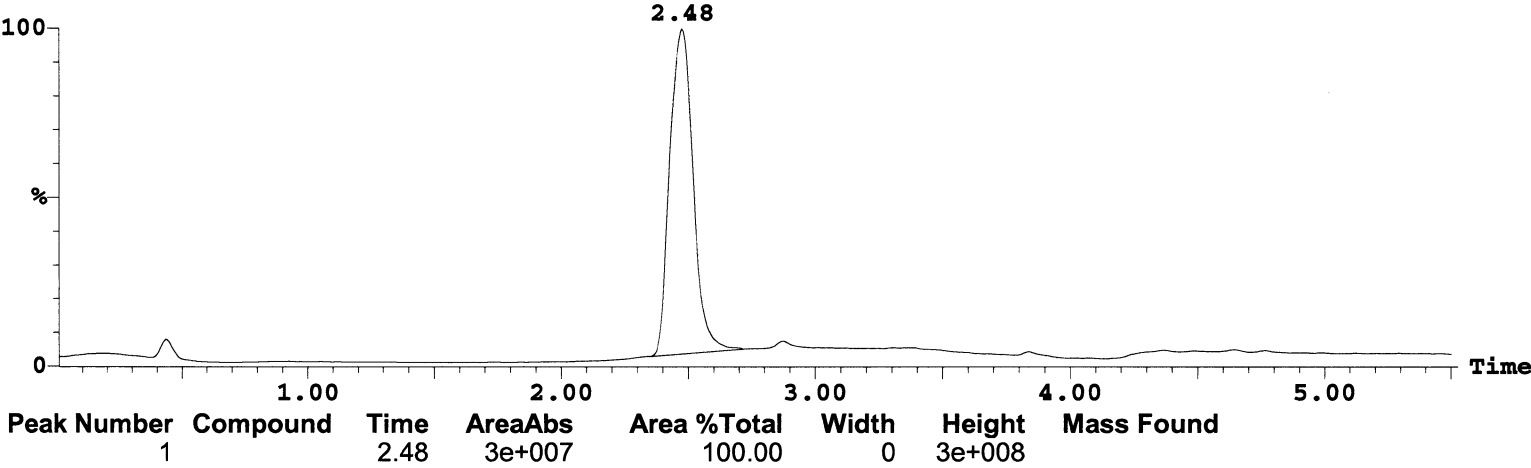


table 3, entry 12

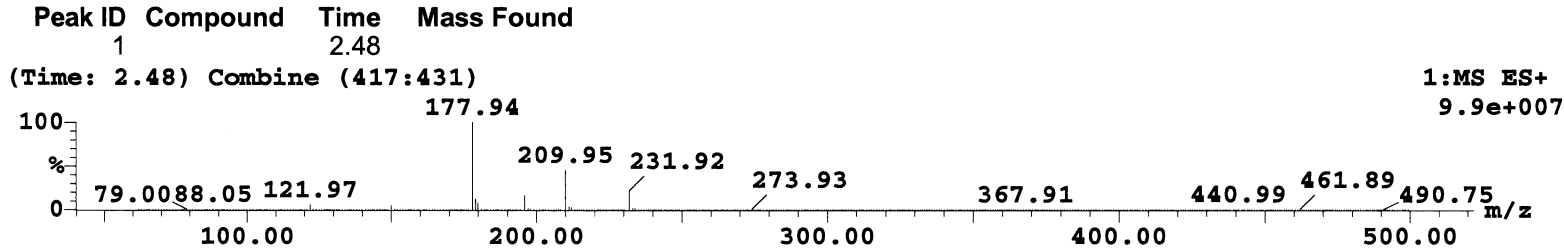
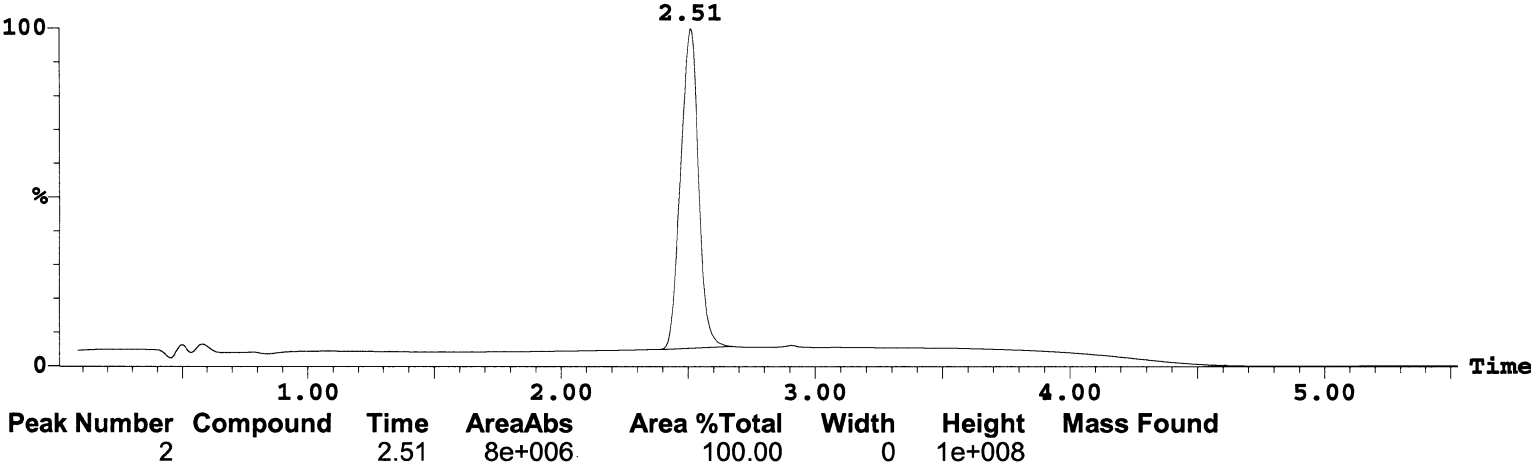
Sample Report:

Sample 1 Vial 1:79 ID 0301211-0033 File 2008ZQ_22478 Date 09-Nov-2009 Time 18:57:30 Description

1: MS ES+ :TIC Smooth (Mn, 2x2) 177.94 2.7e+008



2: DAD: TIC 2.51 1.0e+008



NMR Spectrum: H1 No: 857
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Oct 24 2009

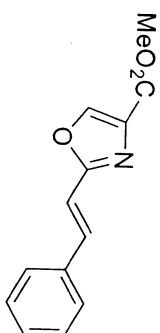
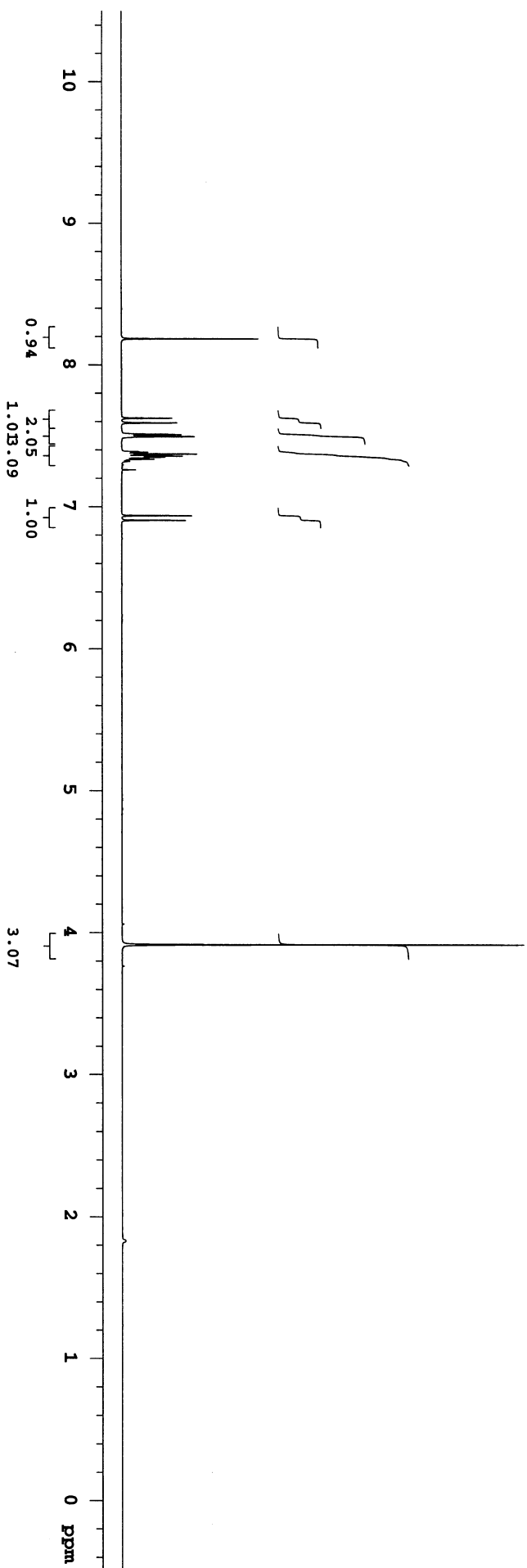
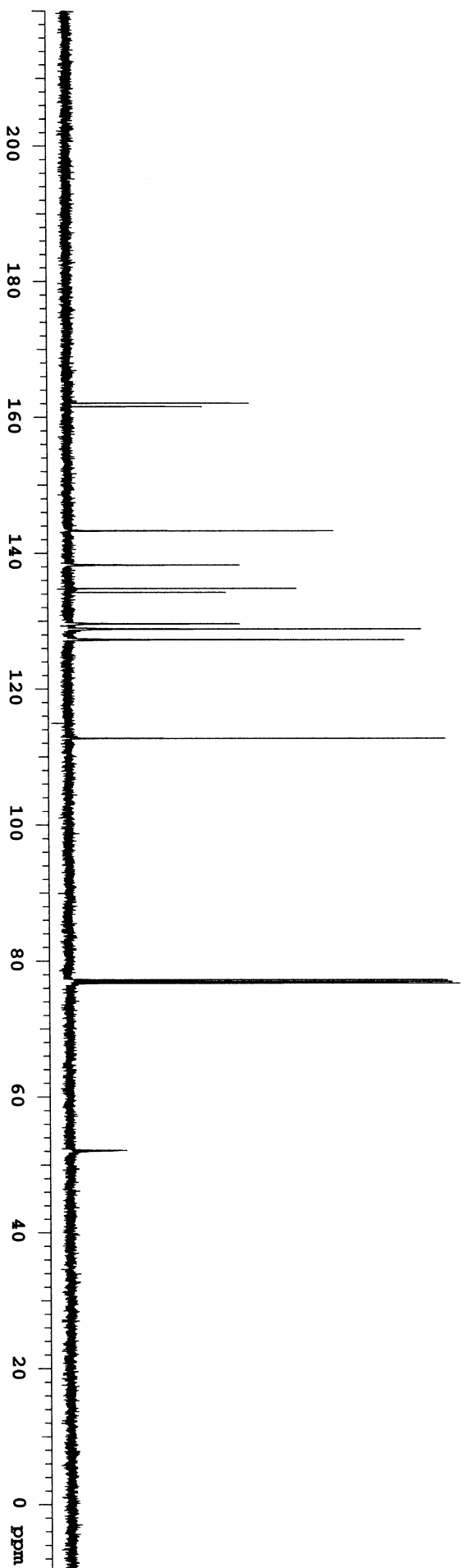
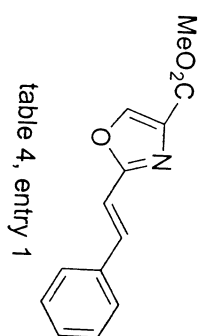


table 4, entry 1



NMR Spectrum: C13 No: 859
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Oct 24 2009



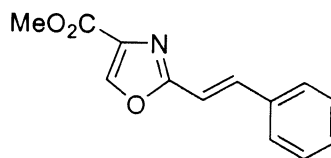


table 4, entry 1

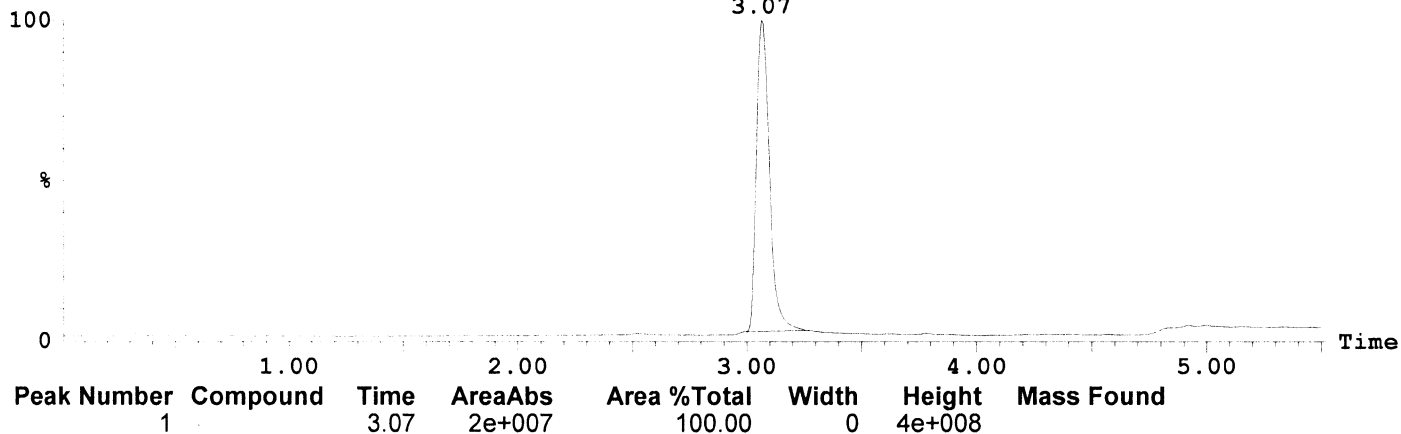
Sample Report:

Sample 1 Vial 1:46 ID 0301211-0009 File 2008ZQ_26245 Date 15-May-2010 Time 13:46:55 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

197.95
3.07

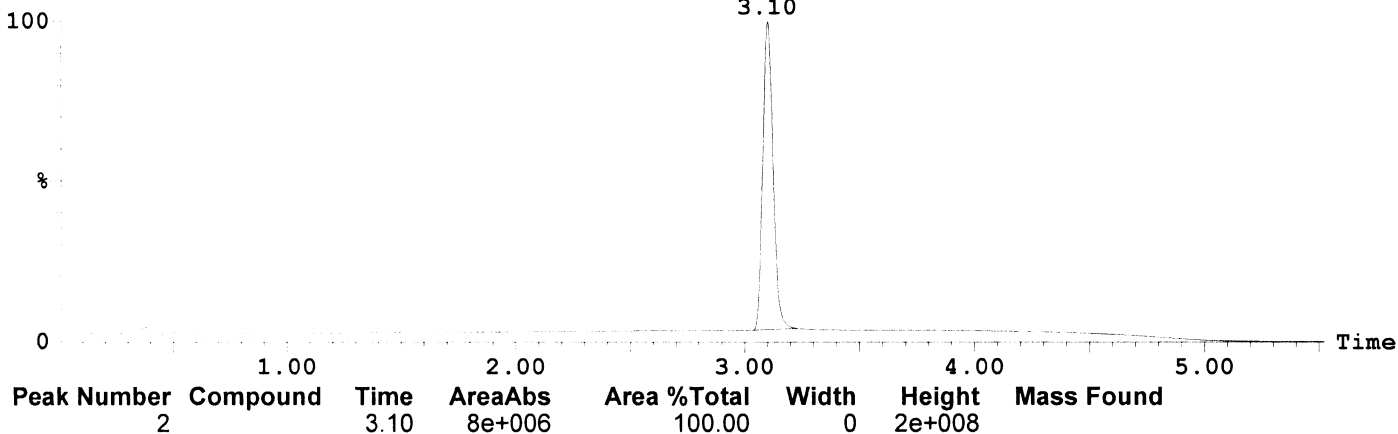
3.9e+008



2: DAD: TIC

3.10

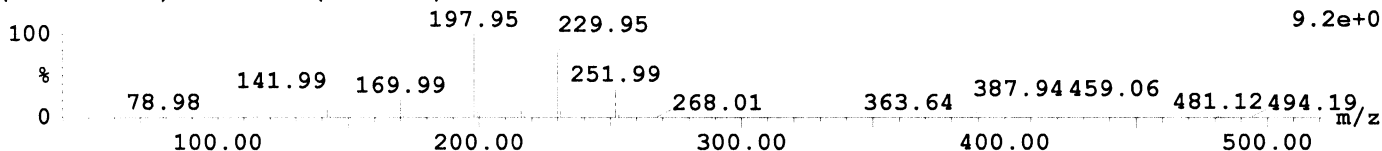
1.6e+008



Peak ID Compound Time Mass Found
1 3.07

(Time: 3.07) Combine (516:530)

1:MS ES+
9.2e+007



NMR Spectrum: H1 No: 889
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grathatho Date: Nov 4 2009

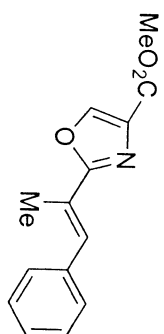
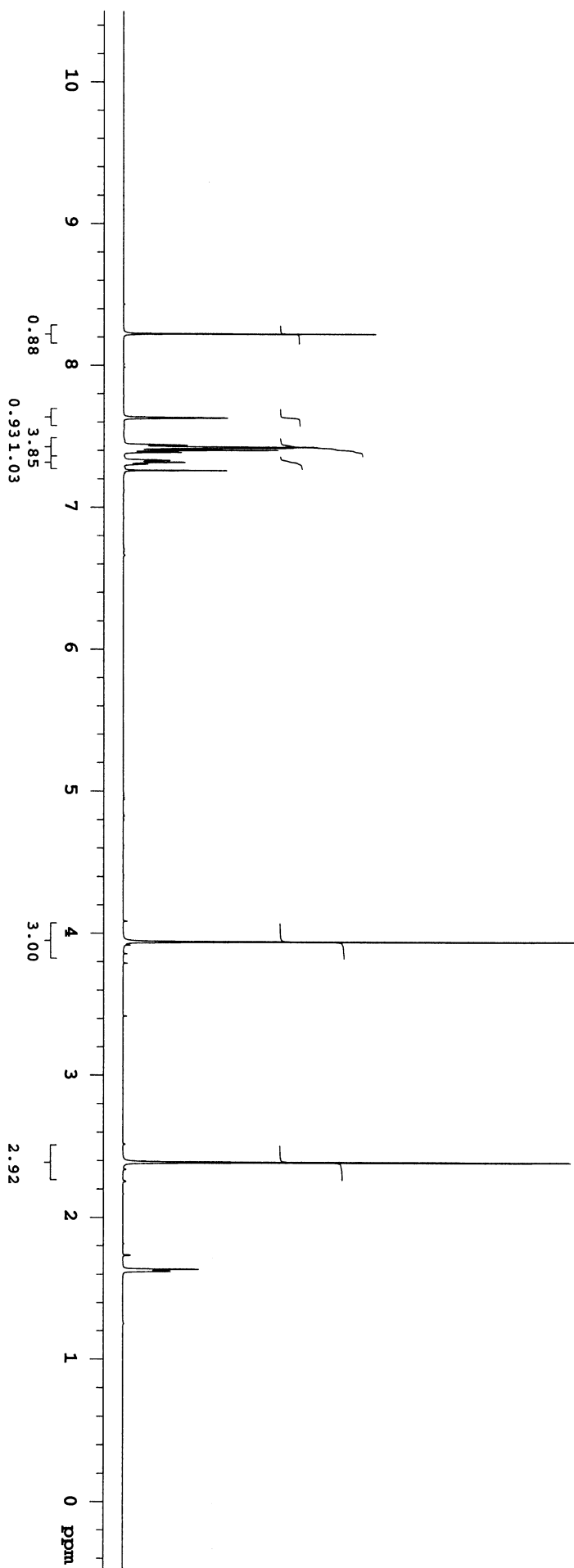


table 4, entry 2



NMR Spectrum: C13 No: 893
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 5 2009

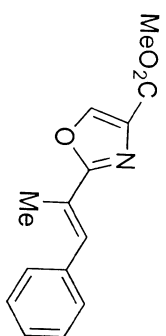
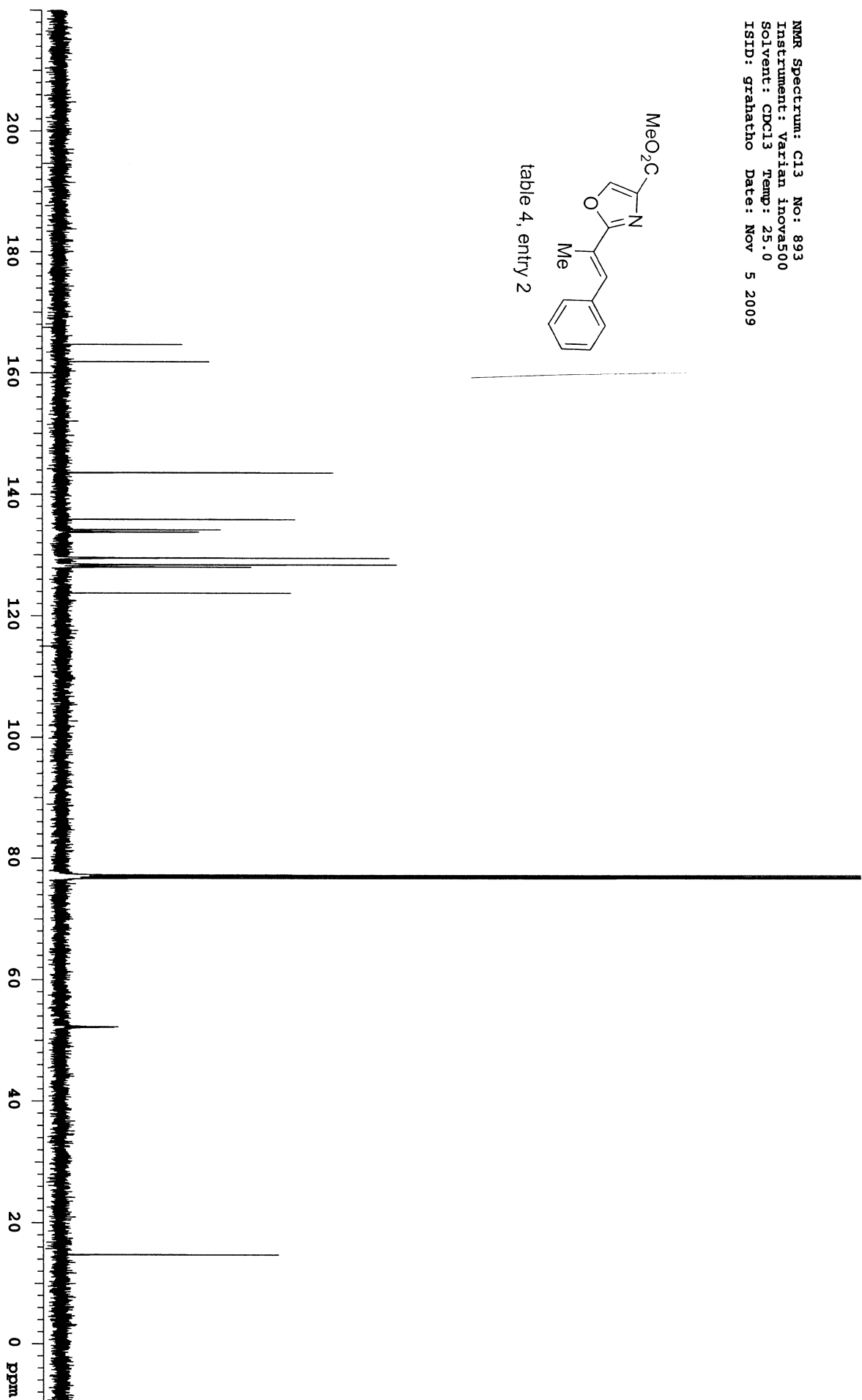


table 4, entry 2



Printed: Tue May 04 20:52:13 2010

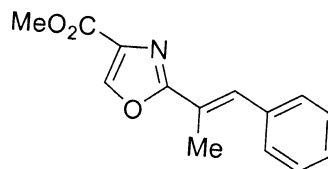


table 4, entry 2

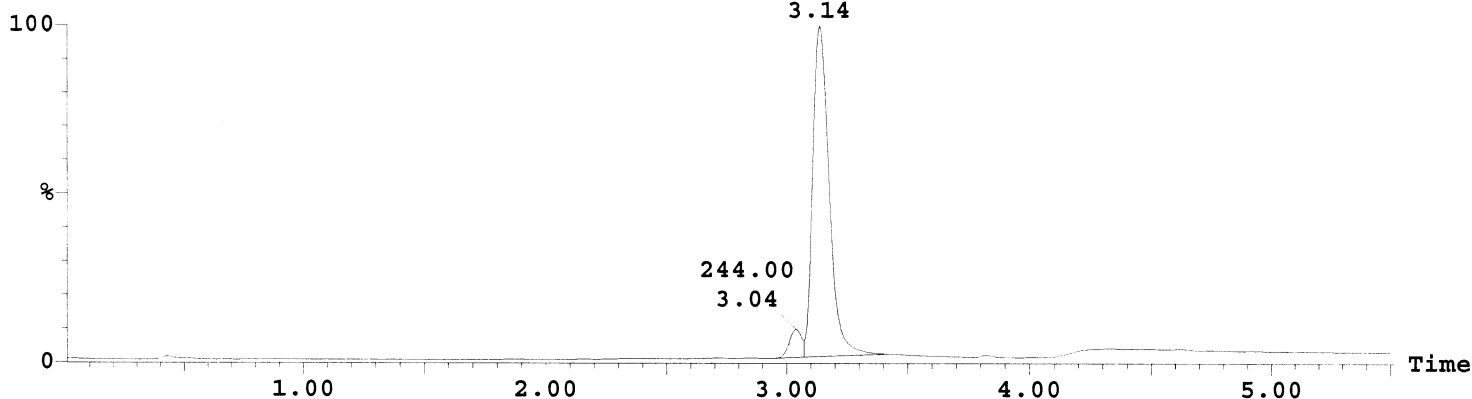
Sample Report:

Sample 1 Vial 1:70 ID 0301211-0027 File 2008ZQ_22469 Date 04-Nov-2009 Time 17:30:19 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

211.99

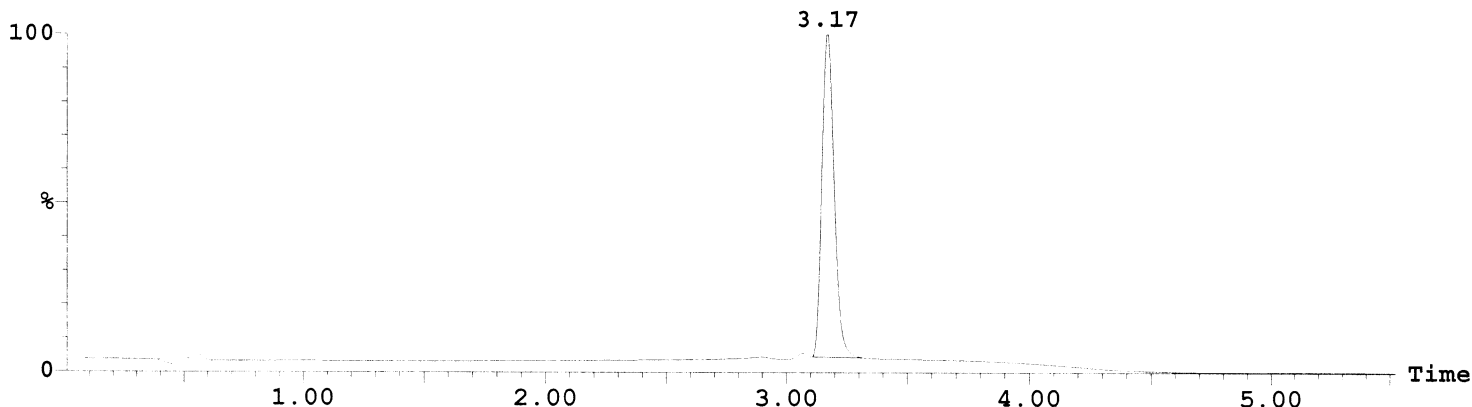
4.2e+008



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		3.04	2e+006	5.93	0	3e+007	
2		3.14	3e+007	94.07	0	4e+008	

2: DAD: TIC

1.5e+008



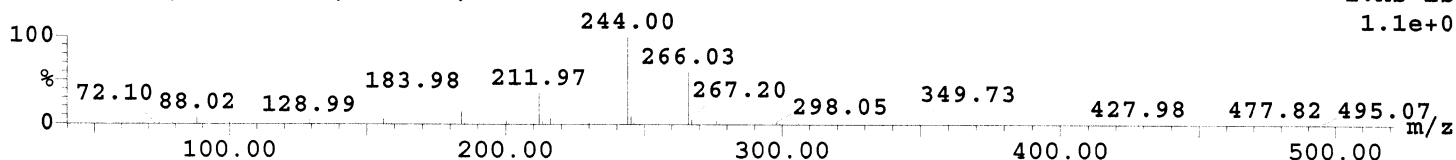
Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
3		3.17	9e+006	100.00	0	1e+008	

Peak ID Compound Time Mass Found

1 3.04

(Time: 3.04) Combine (512:526)

1:MS ES+
1.1e+007

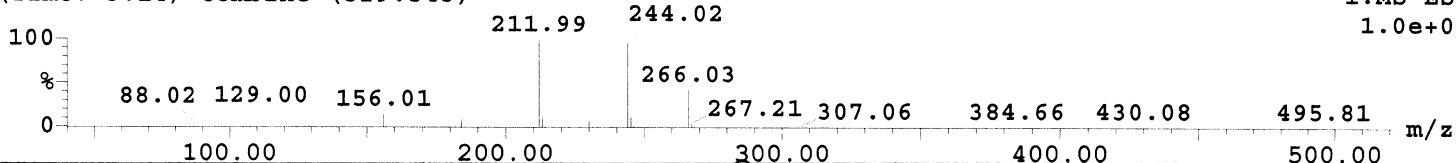


Peak ID Compound Time Mass Found

2 3.14

(Time: 3.14) Combine (529:543)

1:MS ES+
1.0e+008



NMR Spectrum: H1 No: 1072
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Feb 27 2010

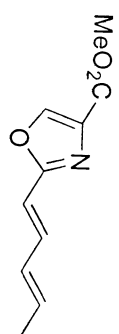
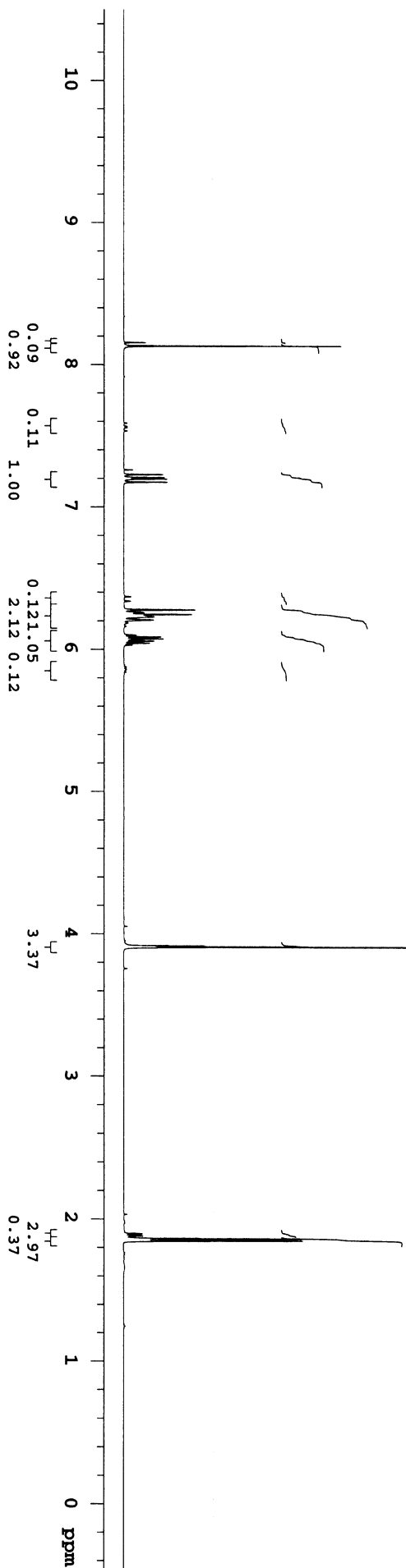


table 4, entry 3



NMR Spectrum: C13 No: 1076
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabathco Date: Feb 27 2010

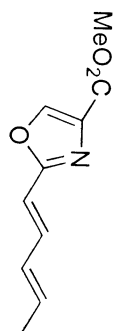
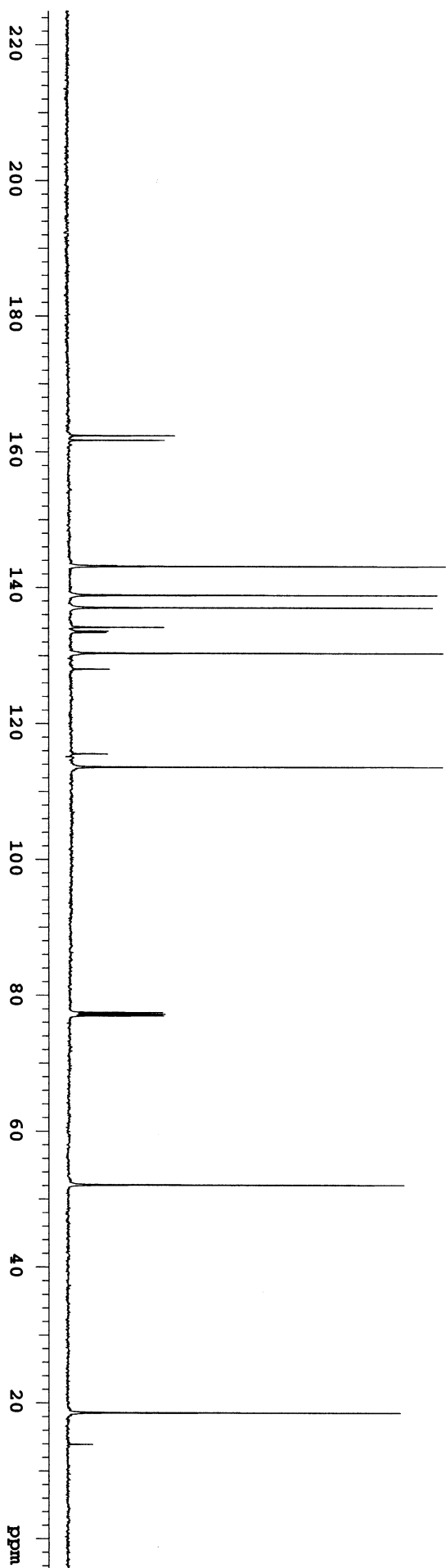


table 4, entry 3



Sample: 1
File:2008ZQ_24526
Description:

Vial:1:27
Date:26-Feb-2010

Printed: Fri Feb 26 21:32:15 2010

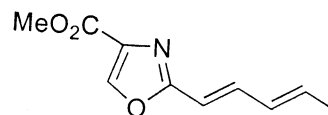


table 4, entry 3

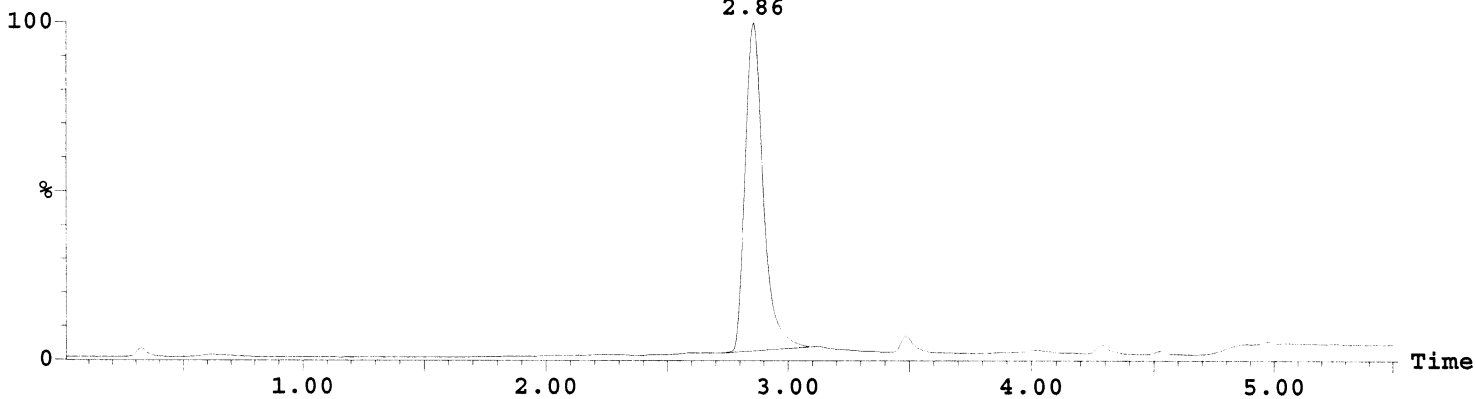
Sample Report:

Sample 1 Vial 1:27 ID 0301211-0074_final_low File 2008ZQ_24526 Date 26-Feb-2010 Time 20:46:12 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

162.00
2.86

4.2e+008

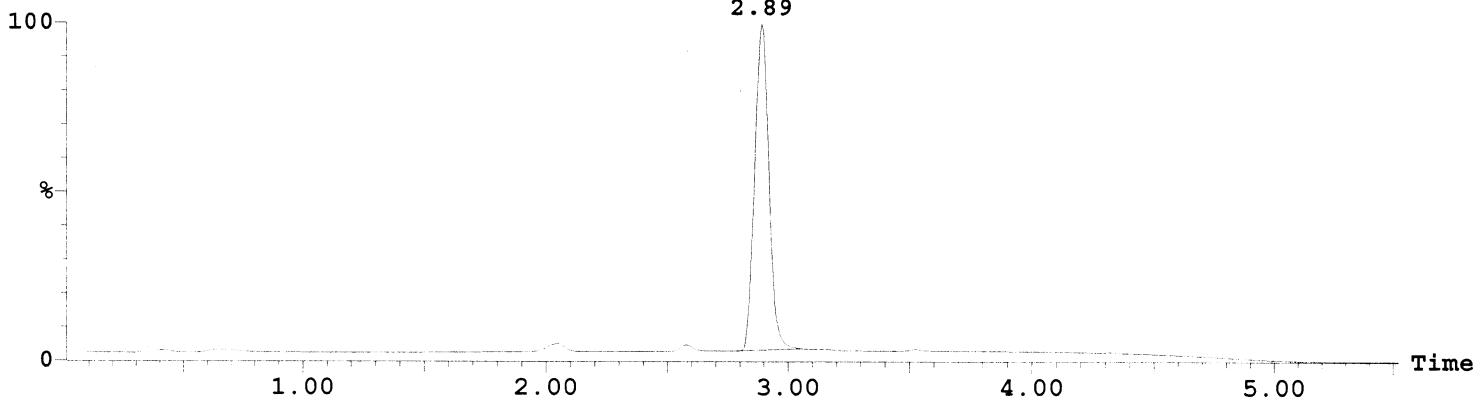


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		2.86	4e+007	100.00	0	4e+008	

2: DAD: TIC

2.89

1.8e+008

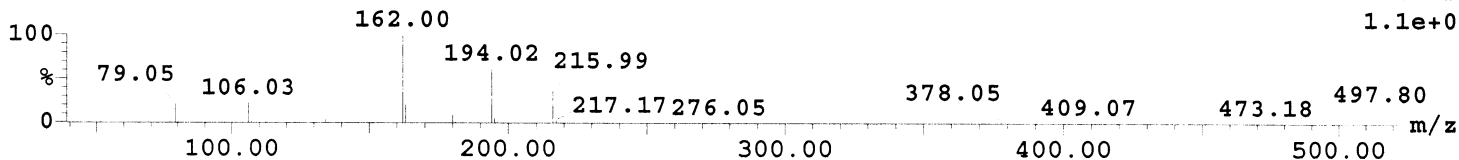


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
2		2.89	1e+007	100.00	0	2e+008	

Peak ID	Compound	Time	Mass Found
1		2.86	

(Time: 2.86) Combine (481:494)

1:MS ES+
1.1e+008



NMR Spectrum: H1 No: 873
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Oct 29 2009

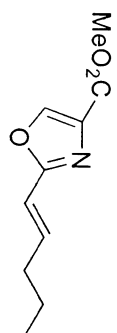
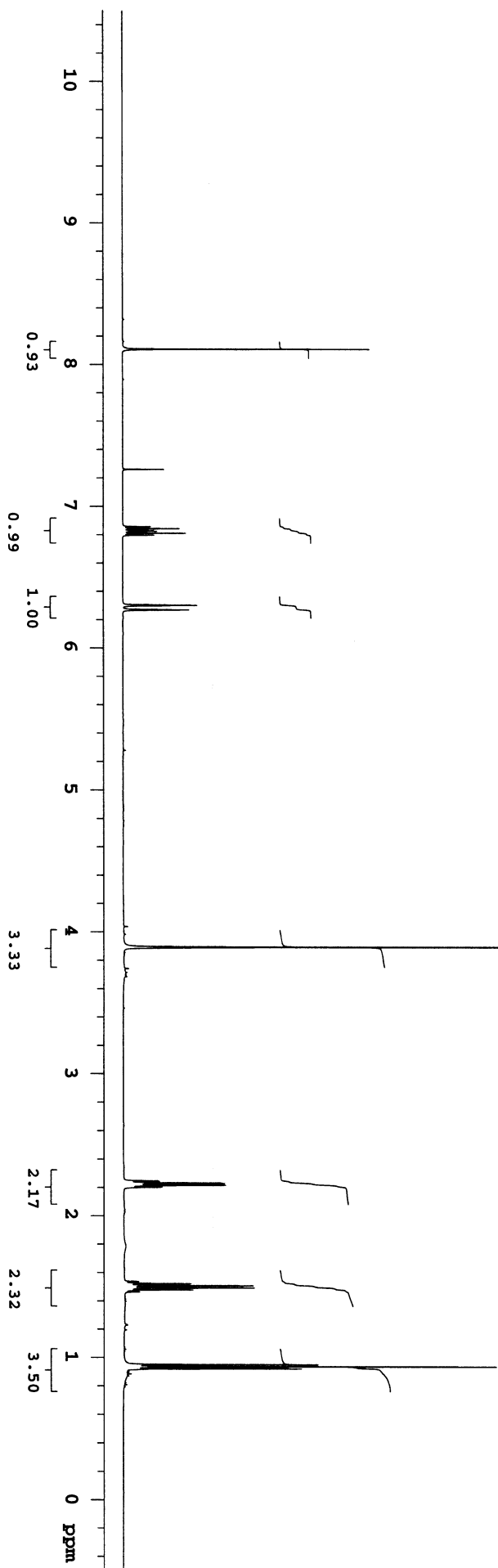


table 4, entry 4



NMR Spectrum: C13 No: 890
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 4 2009

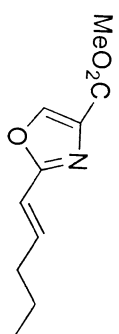
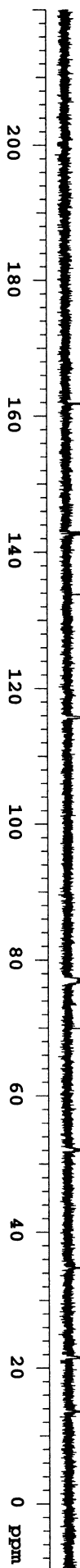


table 4, entry 4



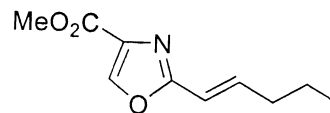


table 4, entry 4

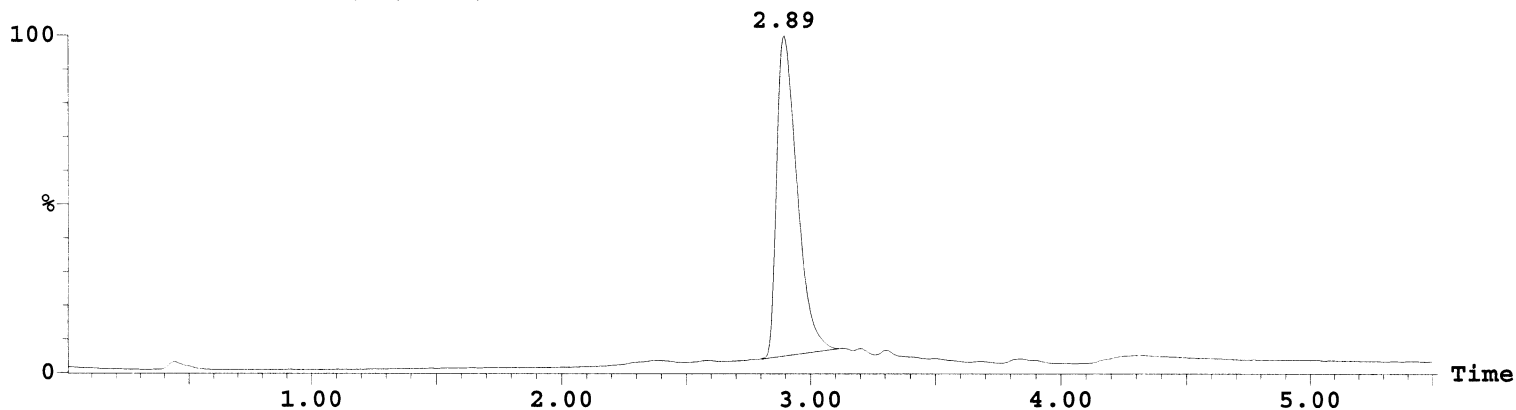
Sample Report:

Sample 1 Vial 1:71 ID 0301211-0022 File 2008ZQ_22470 Date 05-Nov-2009 Time 10:55:13 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

163.99

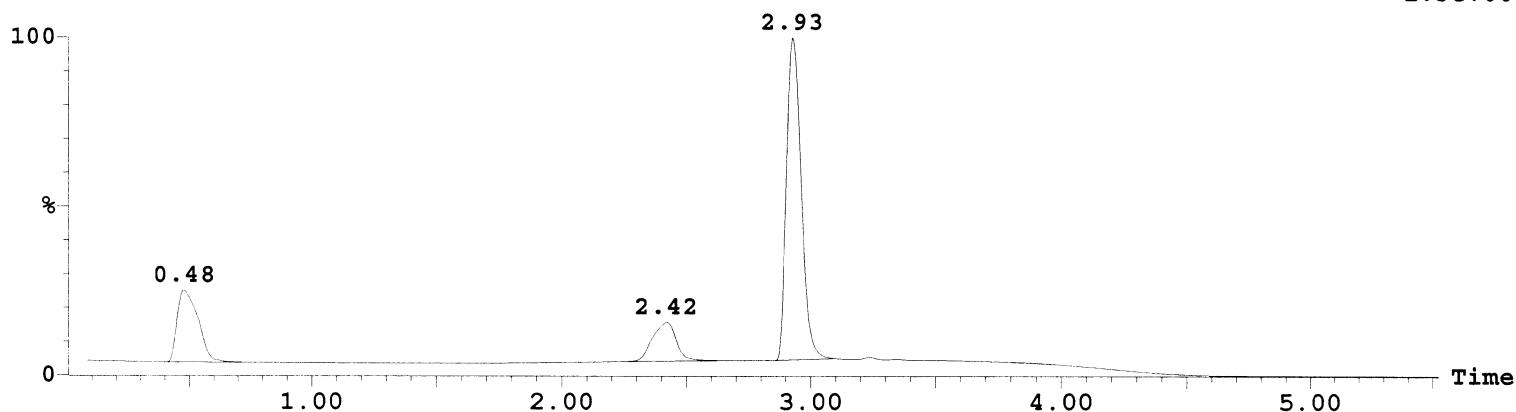
4.6e+008



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
3		2.89	4e+007	100.00	0	4e+008	

2: DAD: TIC

1.3e+008



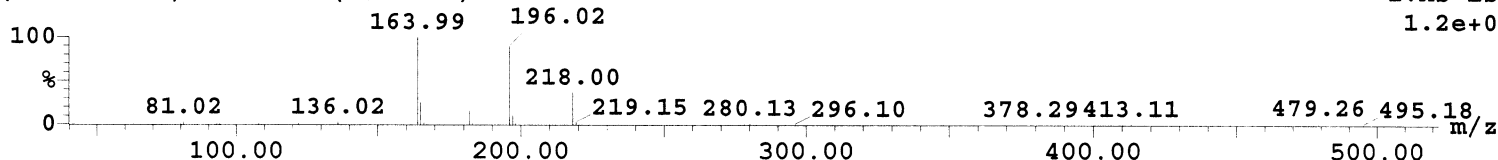
Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.48	3e+006	21.30	0	3e+007	
2		2.42	2e+006	12.83	0	1e+007	
4		2.93	8e+006	65.86	0	1e+008	

Peak ID Compound Time Mass Found
3 2.89

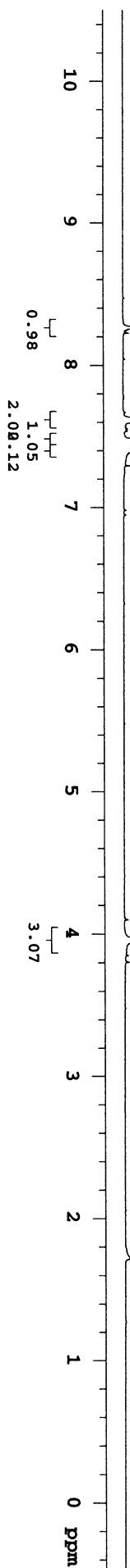
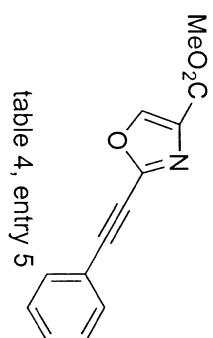
(Time: 2.89) Combine (488:502)

1:MS ES+

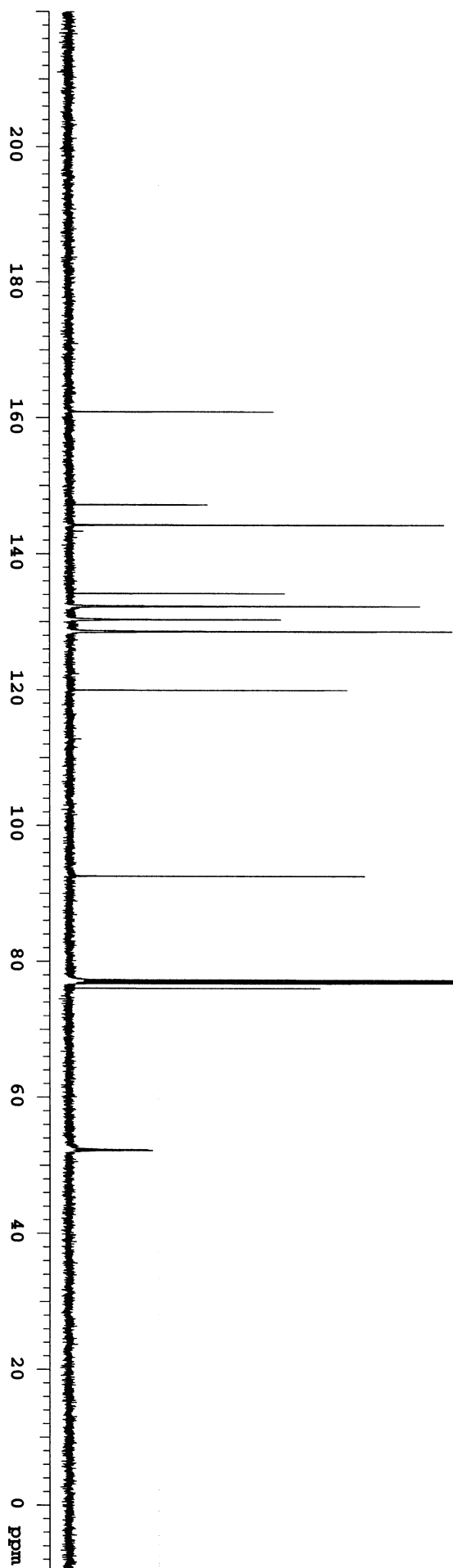
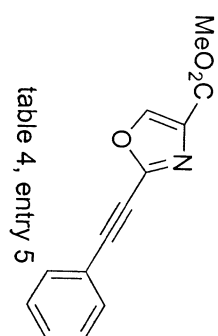
1.2e+008



NMR Spectrum: H1 No: 934
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 18 2009



NMR Spectrum: C13 No: 936
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Nov 18 2009



Sample: 1
File: 2008ZQ_25892
Description:

Vial: 1:93
Date: 04-May-2010

Printed: Fri May 14 08:46:44 2010

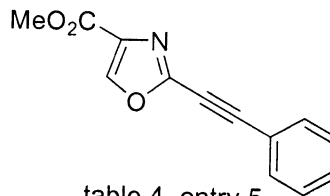
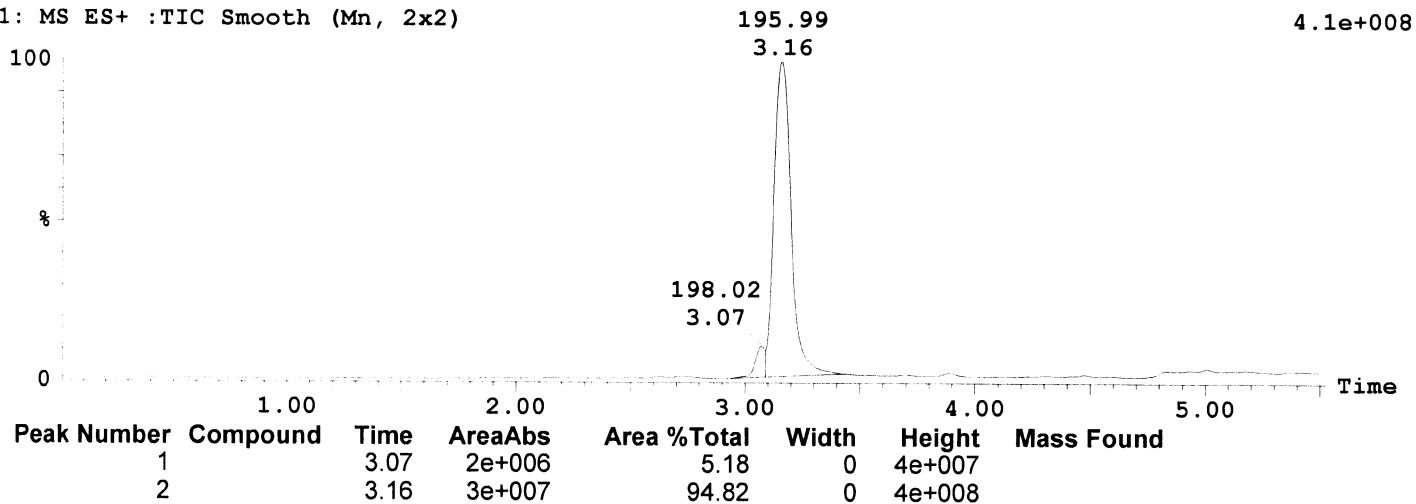


table 4, entry 5

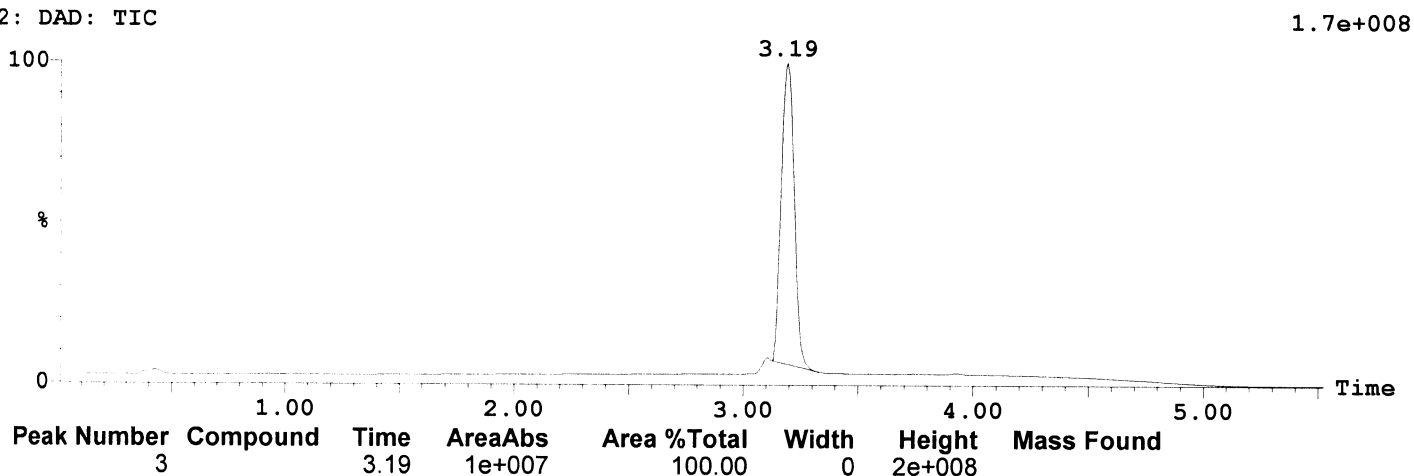
Sample Report:

Sample 1 Vial 1:93 ID 0301211-0043_2 File 2008ZQ_25892 Date 04-May-2010 Time 21:13:45 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)



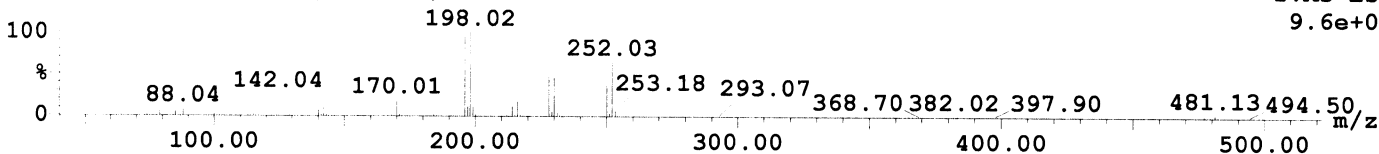
2: DAD: TIC



Peak ID Compound Time Mass Found
1 3.07

(Time: 3.07) Combine (517:530)

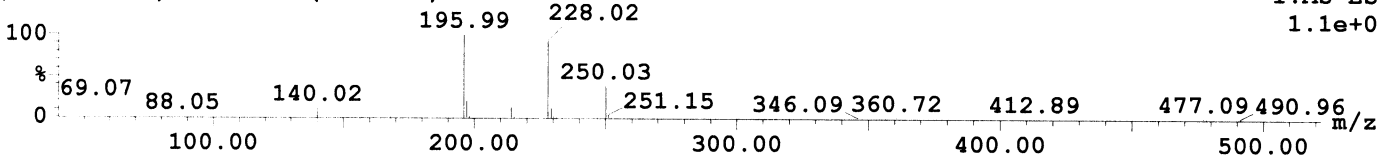
1:MS ES+
9.6e+006



Peak ID Compound Time Mass Found
2 3.16

(Time: 3.16) Combine (532:545)

1:MS ES+
1.1e+008



NMR Spectrum: H1 No: 867
Instrument: Varian Inova500
Solvent: CDCl3 Temp: 25.0
ISID: grahatho Date: Oct 27 2009

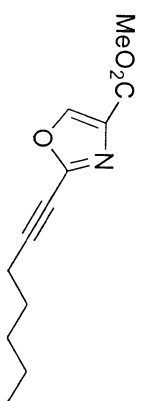
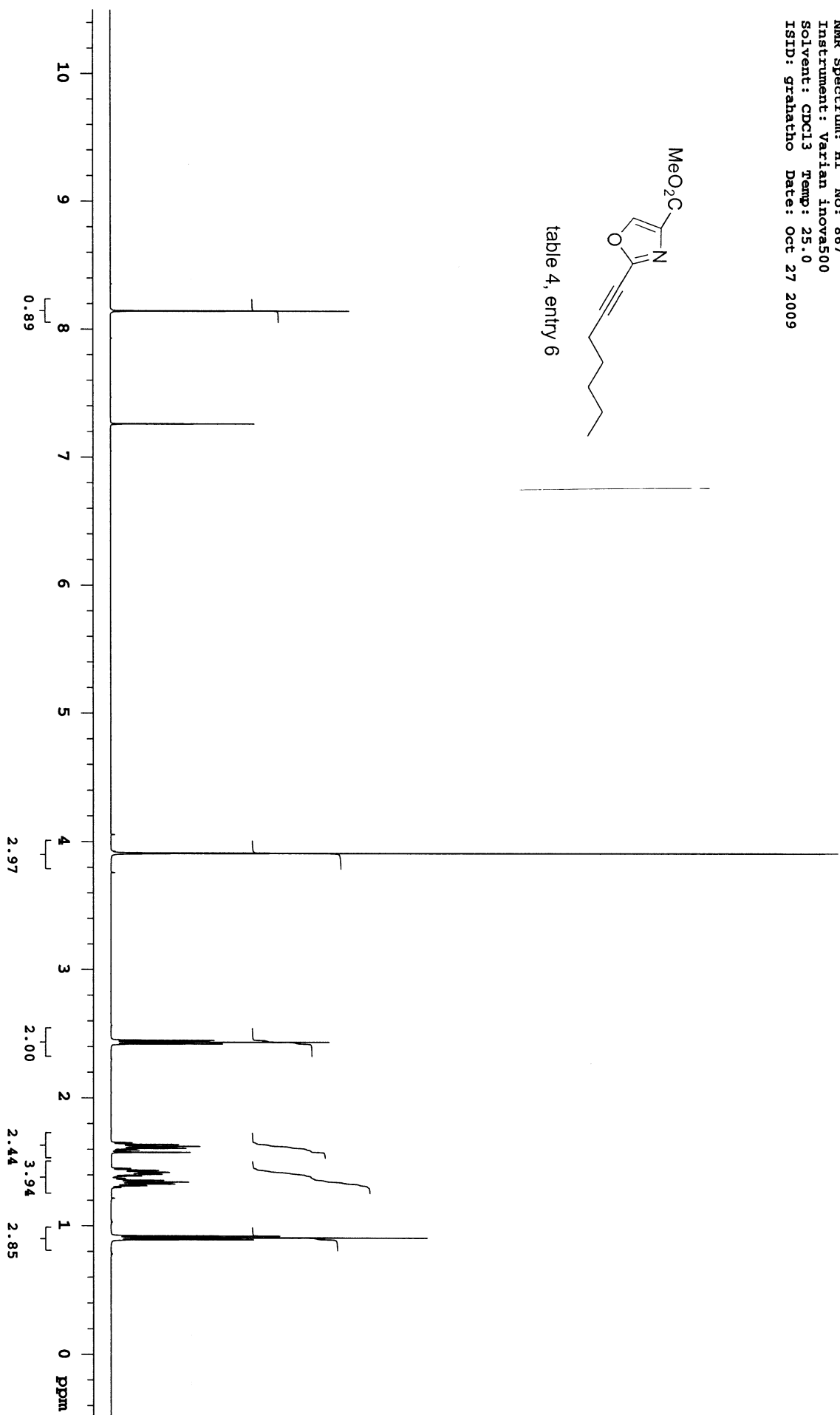
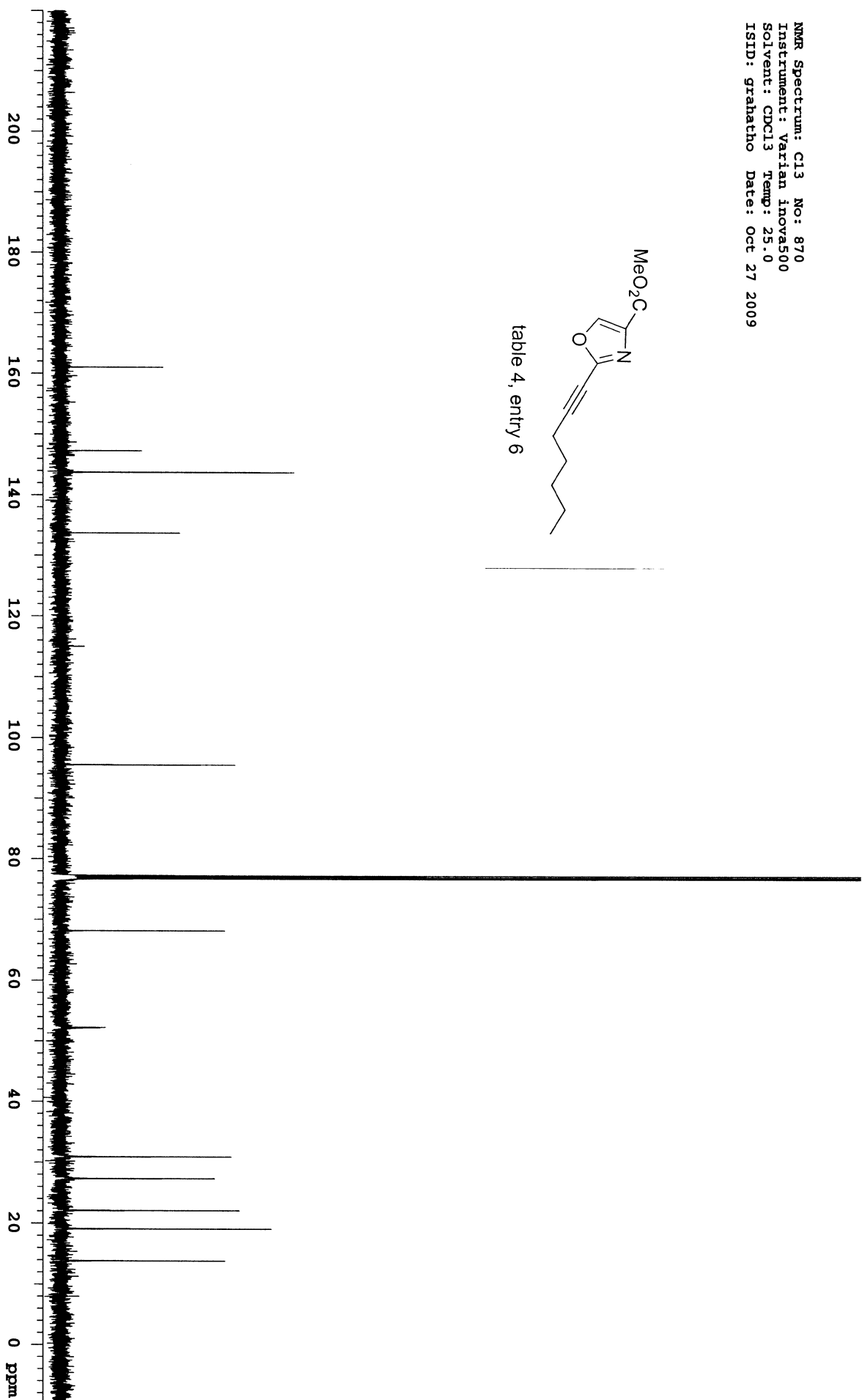
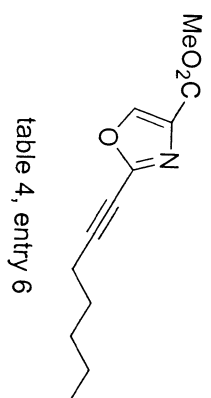


table 4, entry 6



NMR Spectrum: C13 No: 870
Instrument: Varian inova500
Solvent: CDCl3 Temp: 25.0
ISID: grabatho Date: Oct 27 2009



Sample: 1
File:2008ZQ_22388
Description:

Vial:1:89
Date:28-Oct-2009

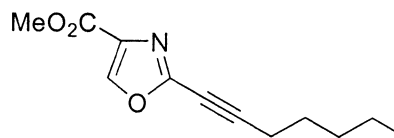


table 4, entry 6

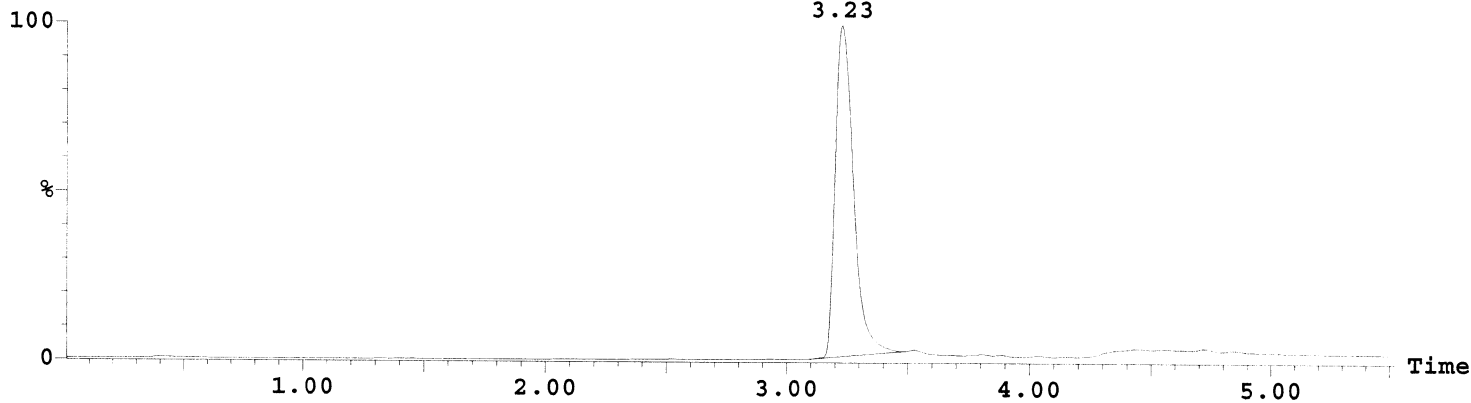
Sample Report:

Sample 1 Vial 1:89 ID 0301211-0012 File 2008ZQ_22388 Date 28-Oct-2009 Time 16:54:07 Description

1: MS ES+ :TIC Smooth (Mn, 2x2)

190.08
3.23

4.2e+008

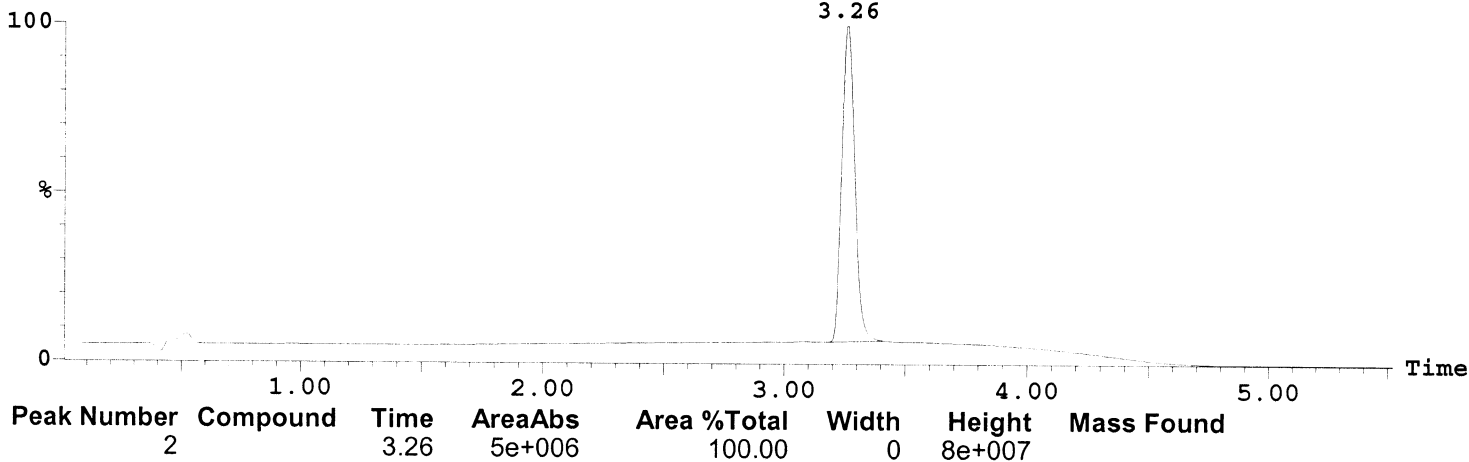


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		3.23	4e+007	100.00	0	4e+008	

2: DAD: TIC

3.26

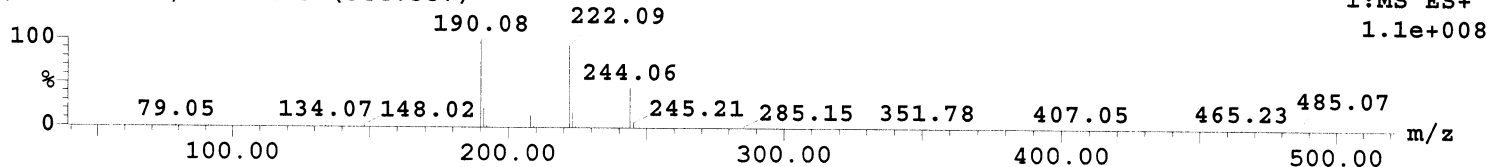
8.5e+007



Peak ID	Compound	Time	Mass Found
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1		3.23	
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(Time: 3.23) Combine (544:557)

1:MS ES+
1.1e+008