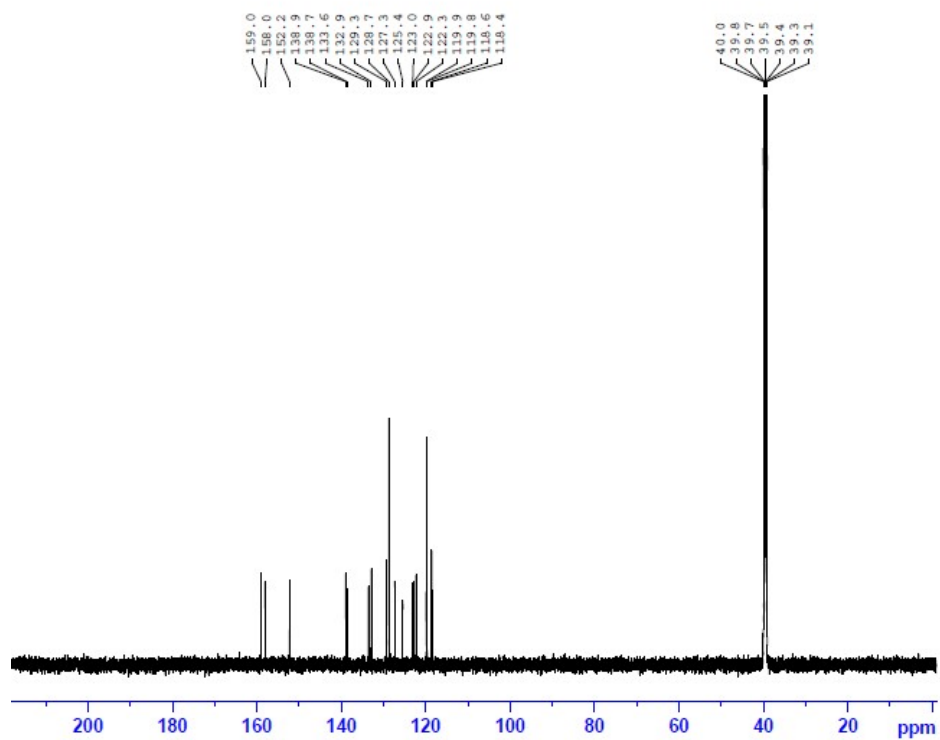
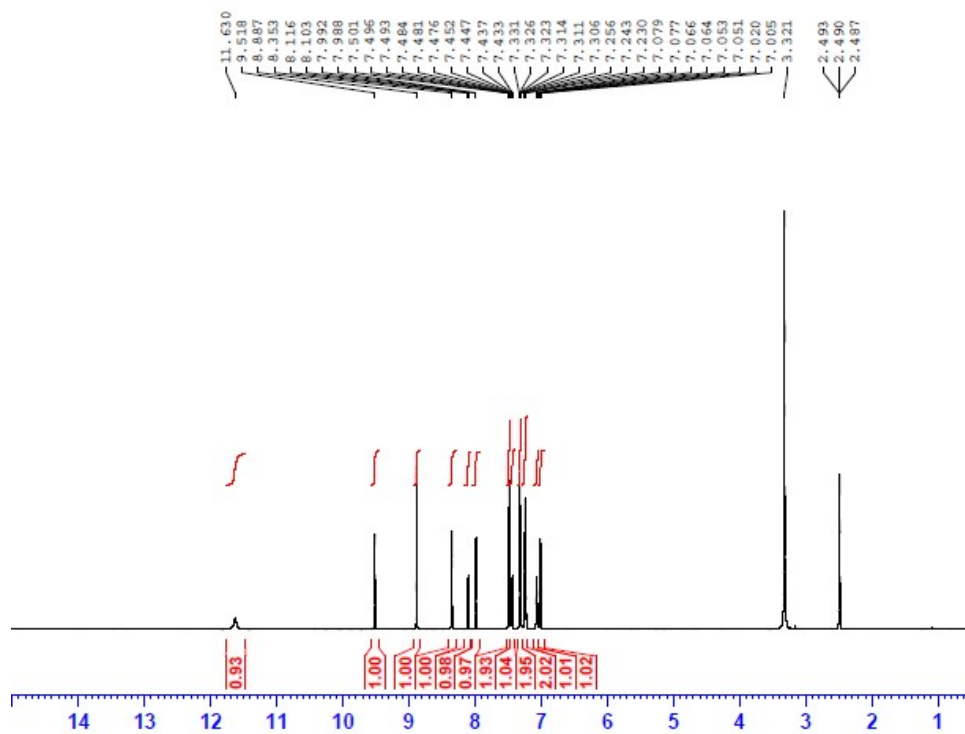
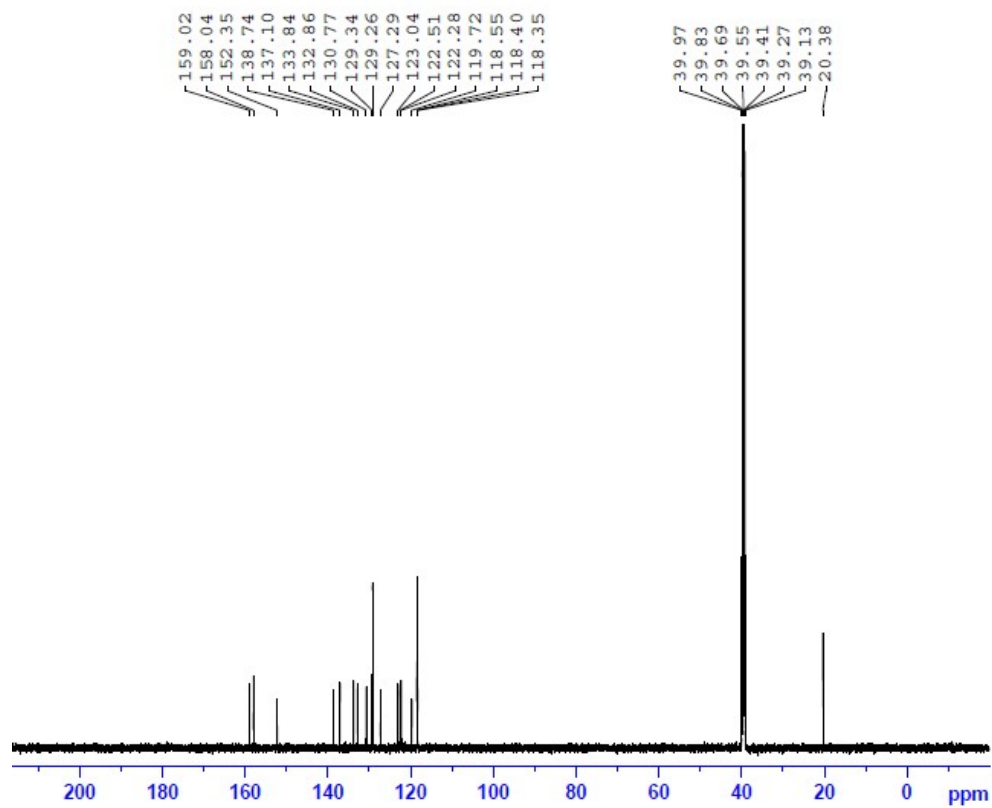
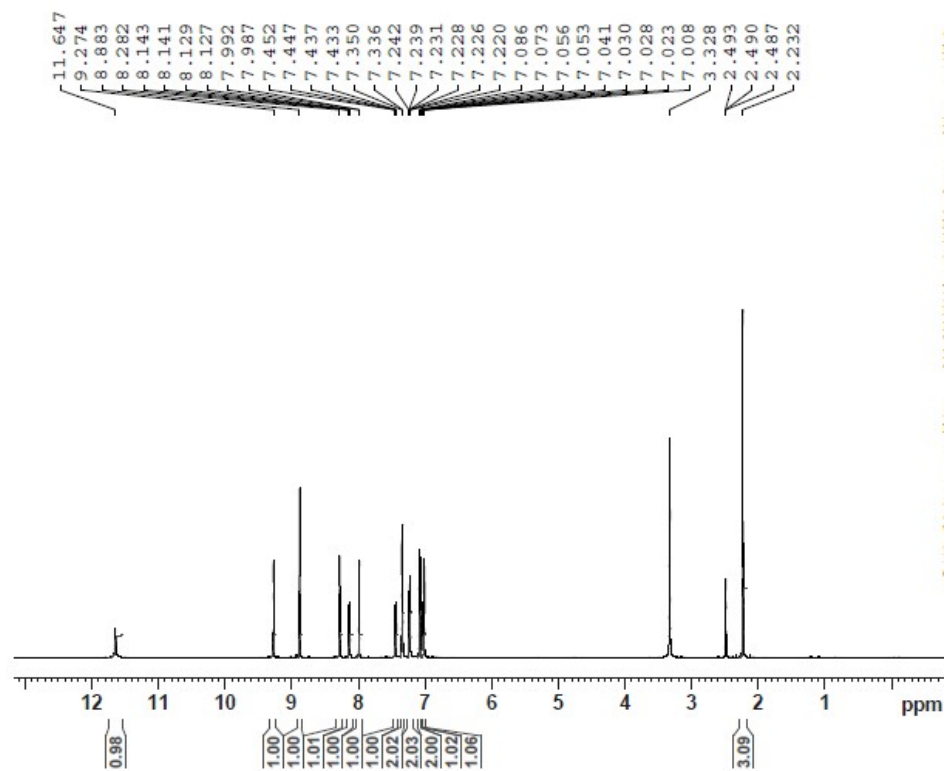


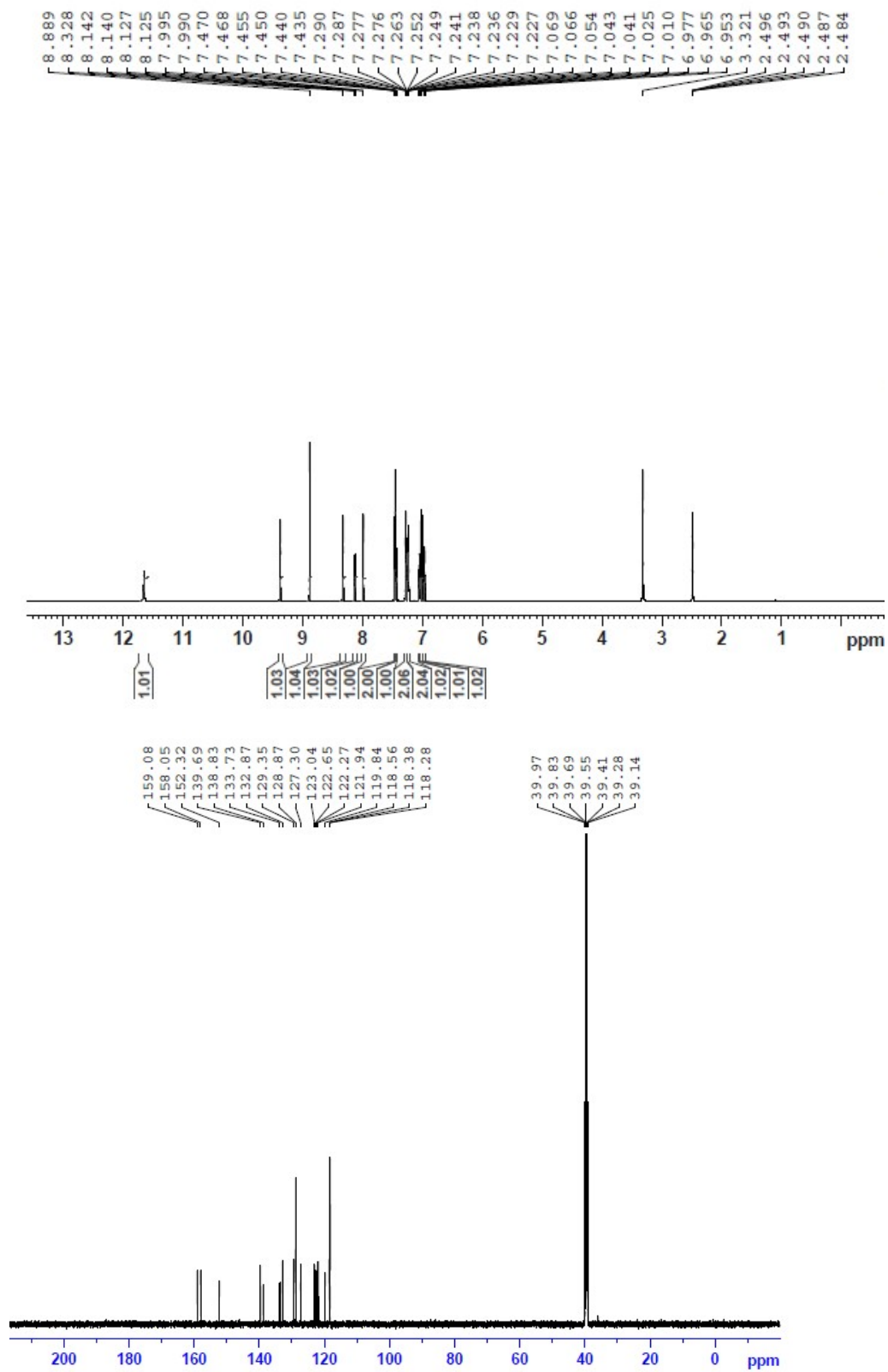
^1H NMR and ^{13}C NMR Spectra of 5a



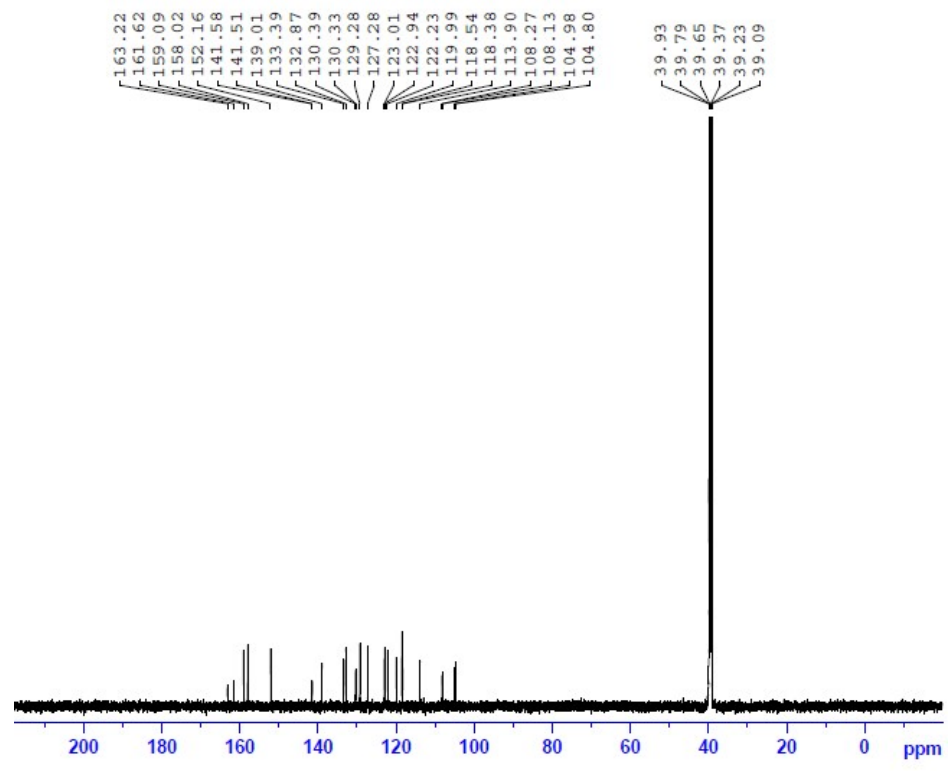
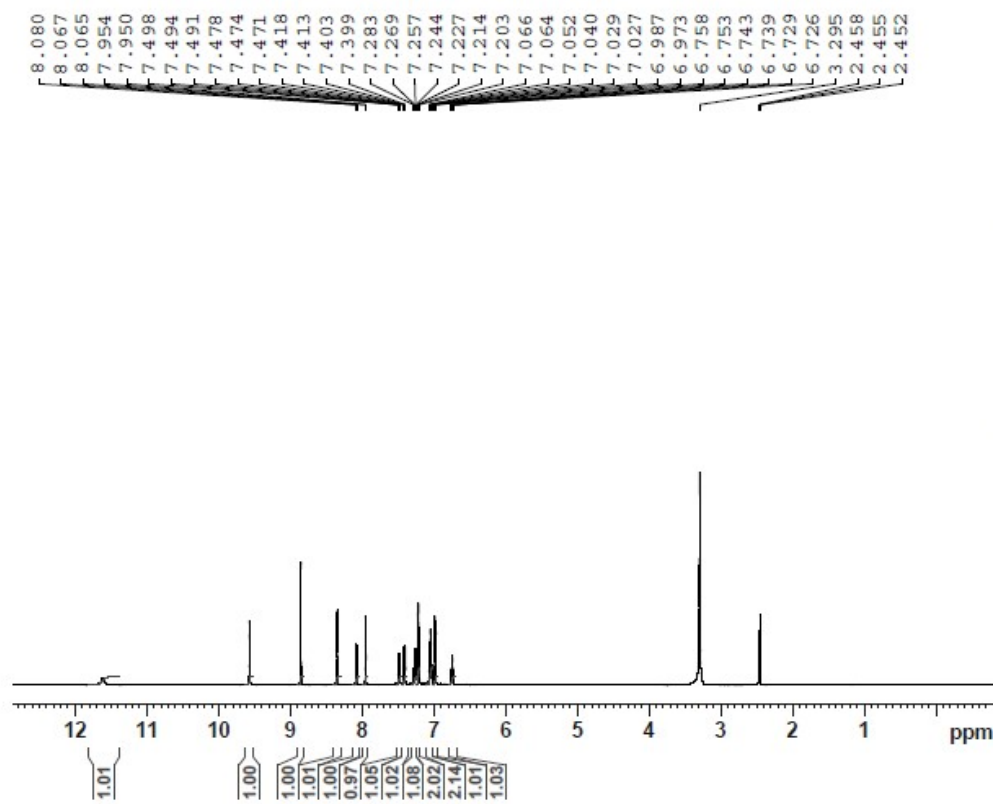
^1H NMR and ^{13}C NMR Spectra of 5b



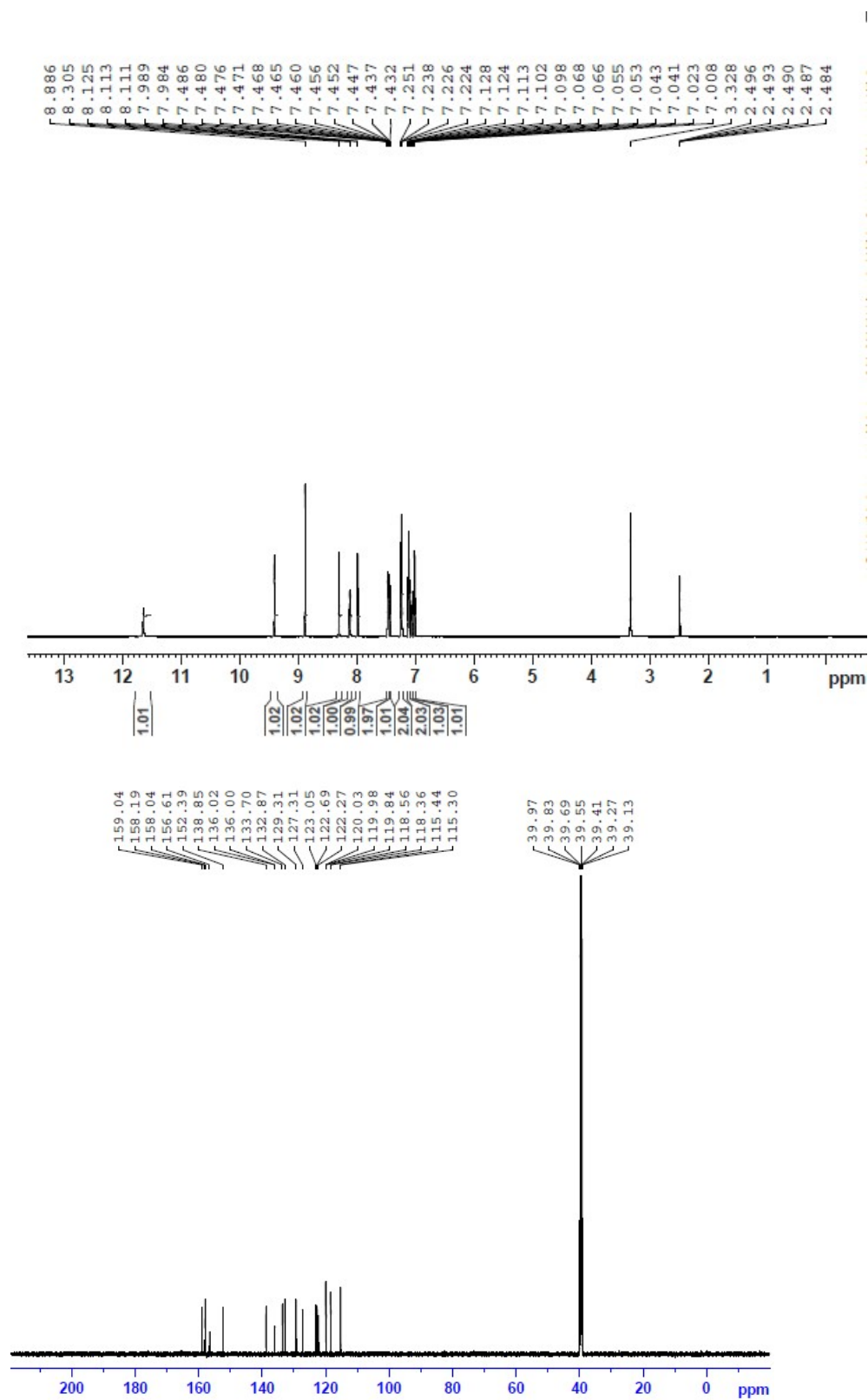
¹H NMR and ¹³C NMR Spectra of 5c



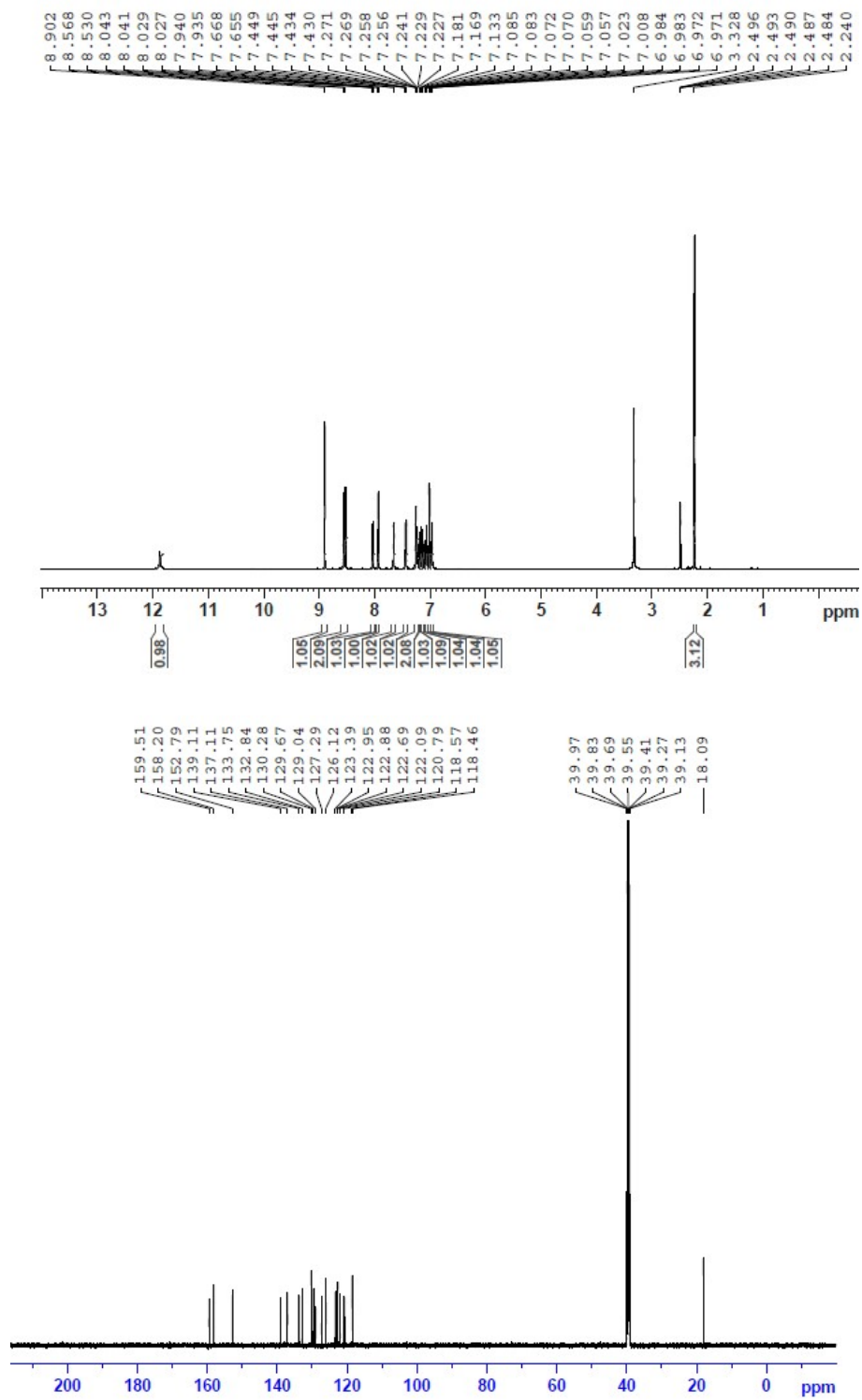
¹HNMR and ¹³CNMR Spectra of 5d



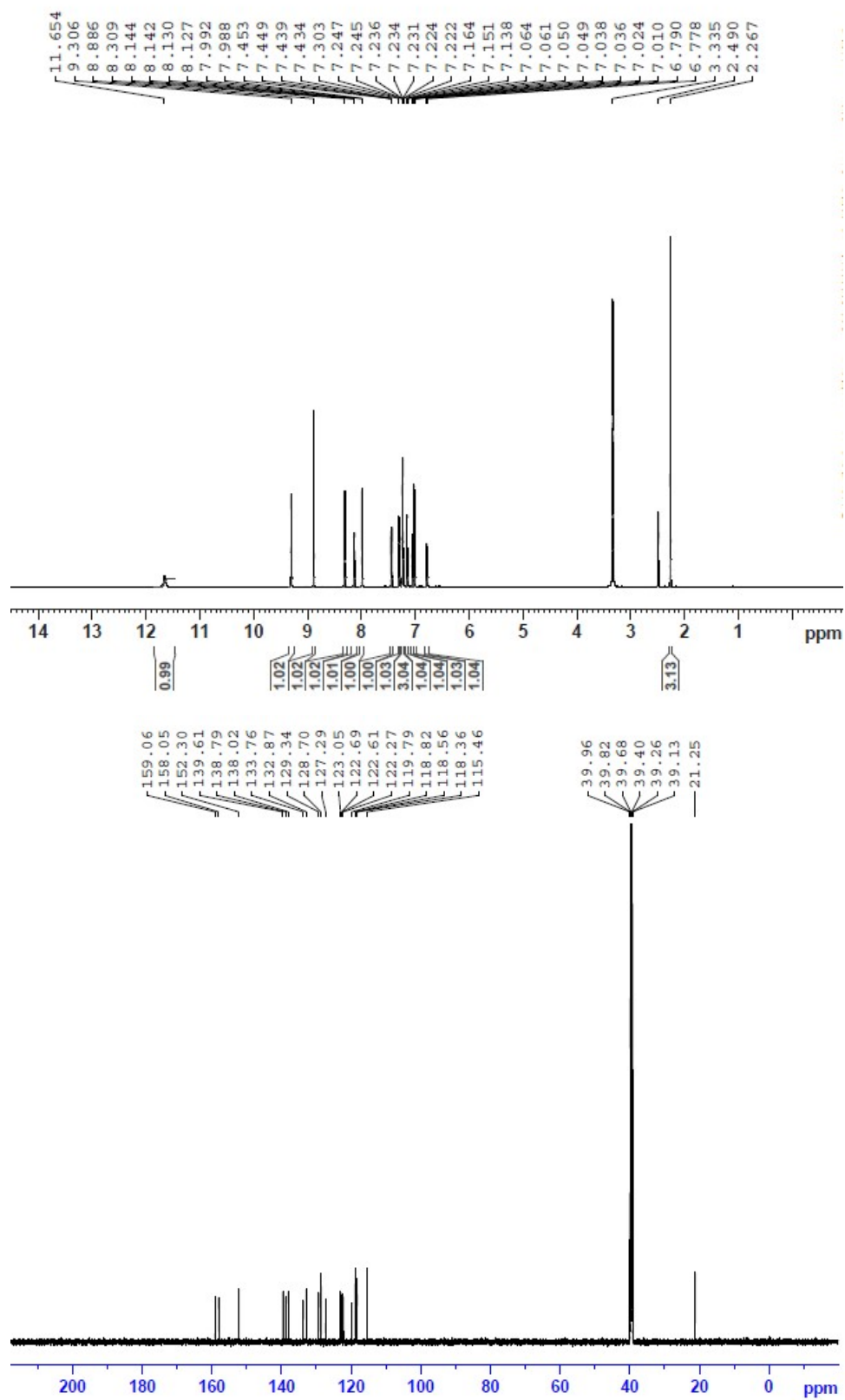
¹H NMR and ¹³C NMR Spectra of 5e



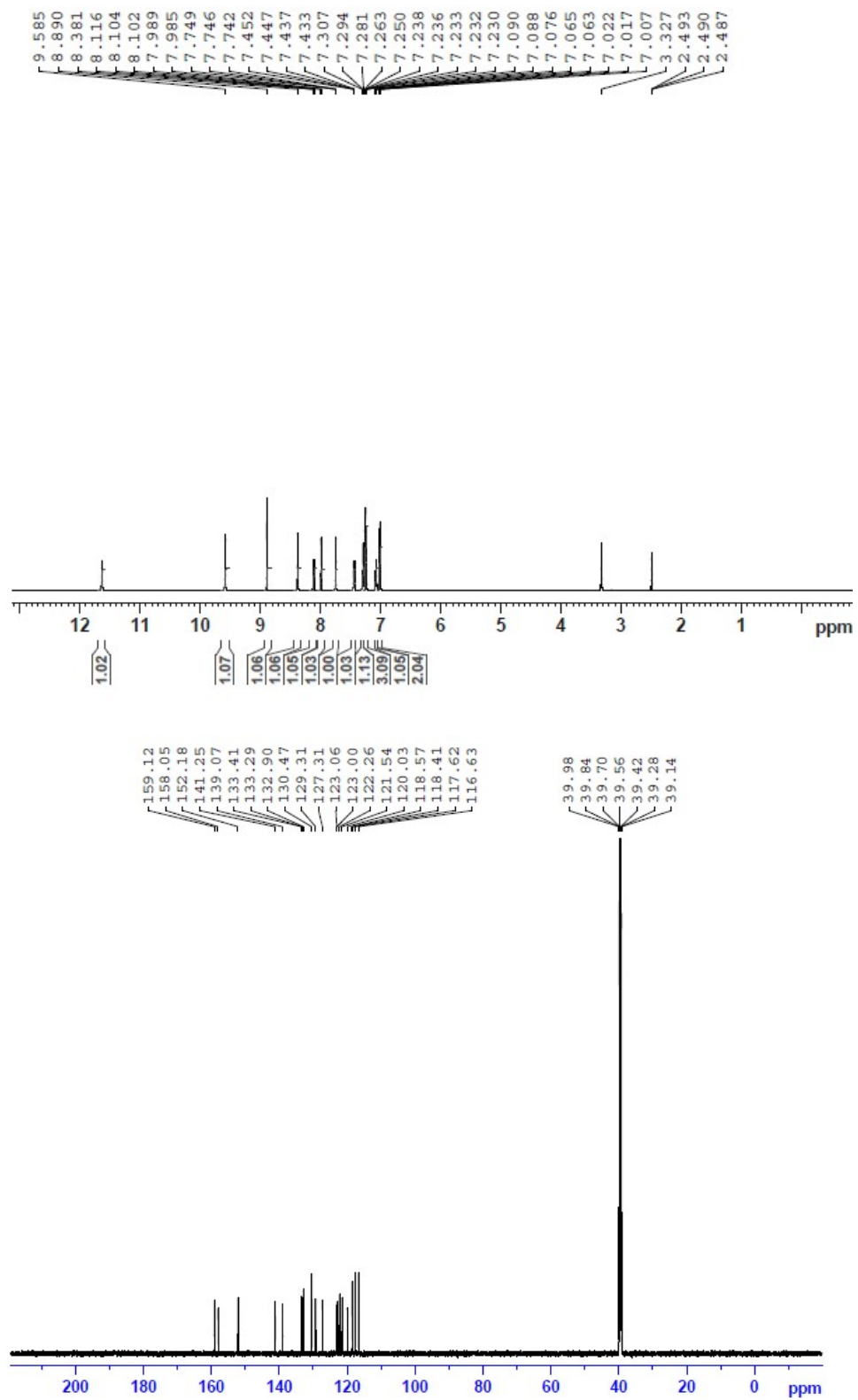
¹H NMR and ¹³C NMR Spectra of 5f



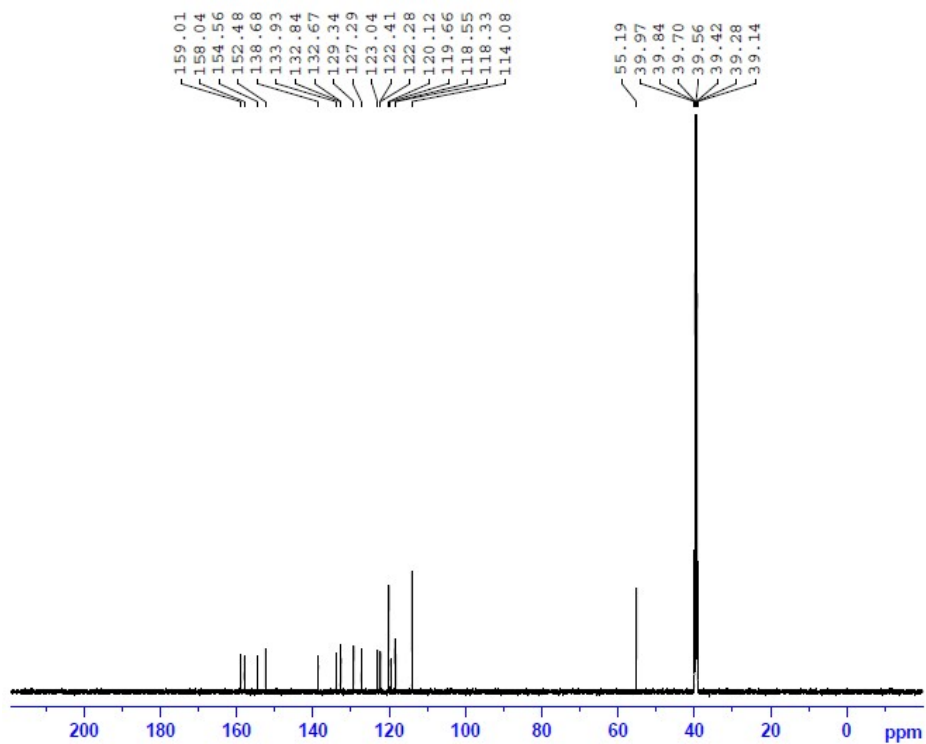
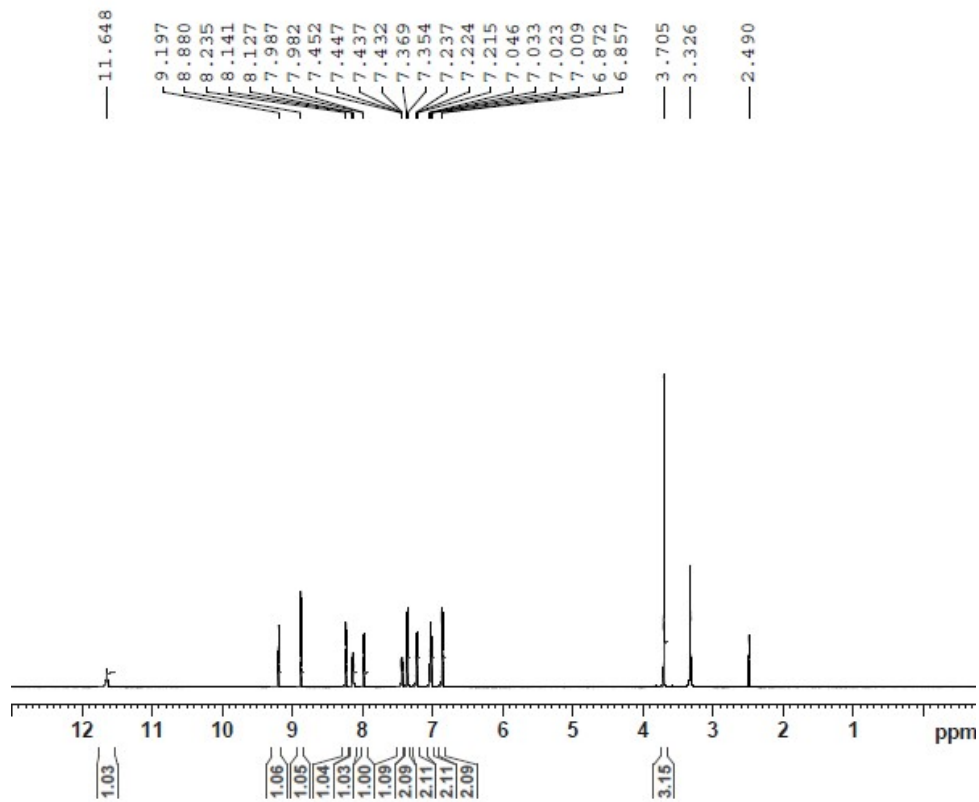
^1H NMR and ^{13}C NMR Spectra of 5g



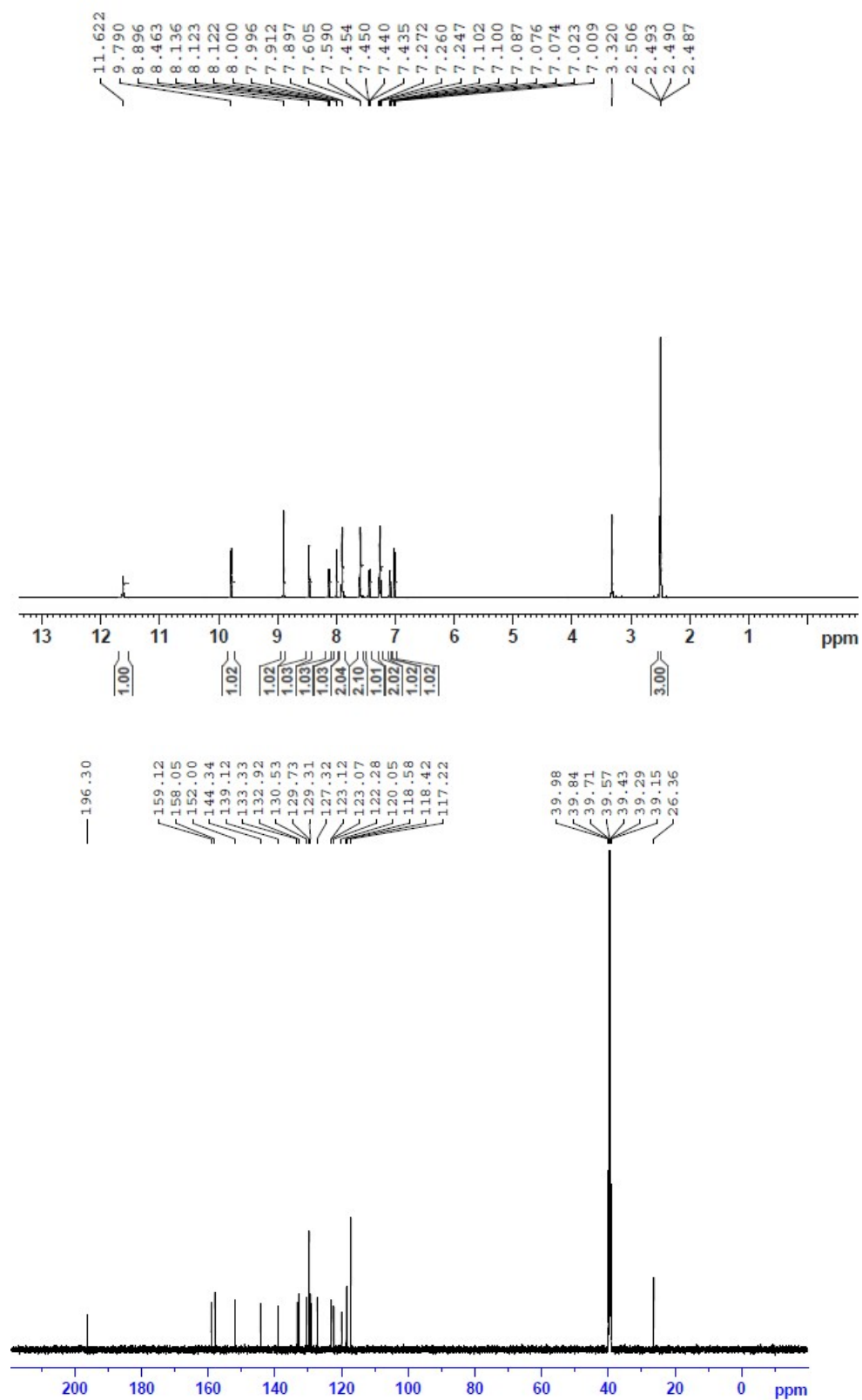
¹H NMR and ¹³C NMR Spectra of 5h



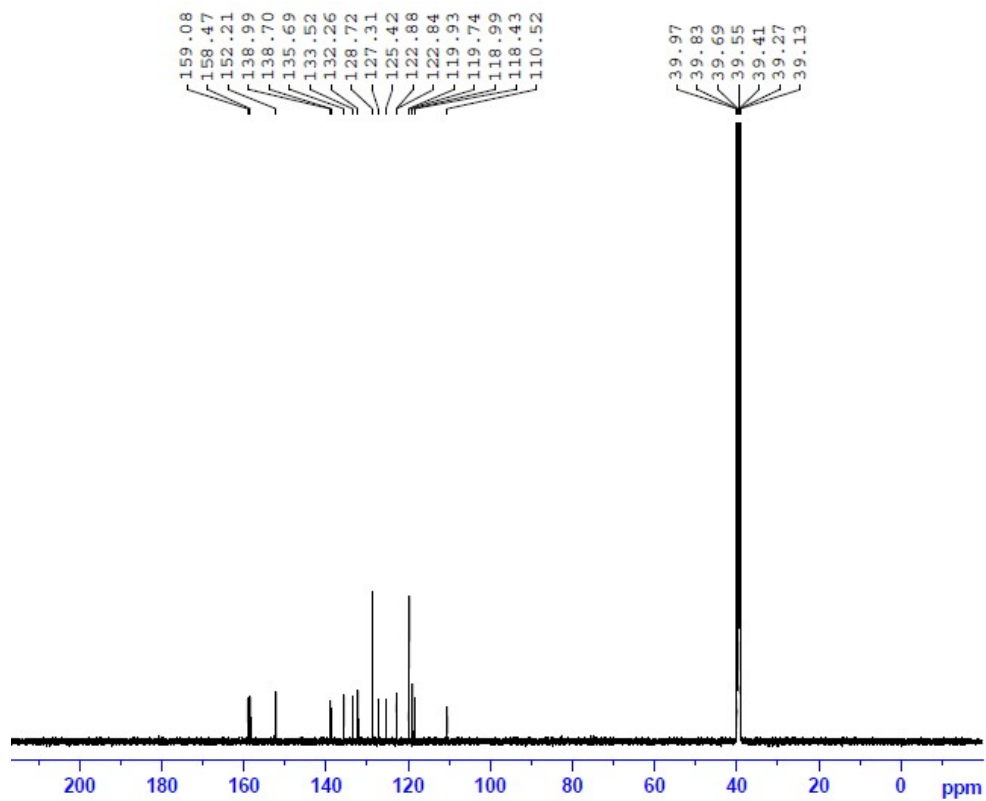
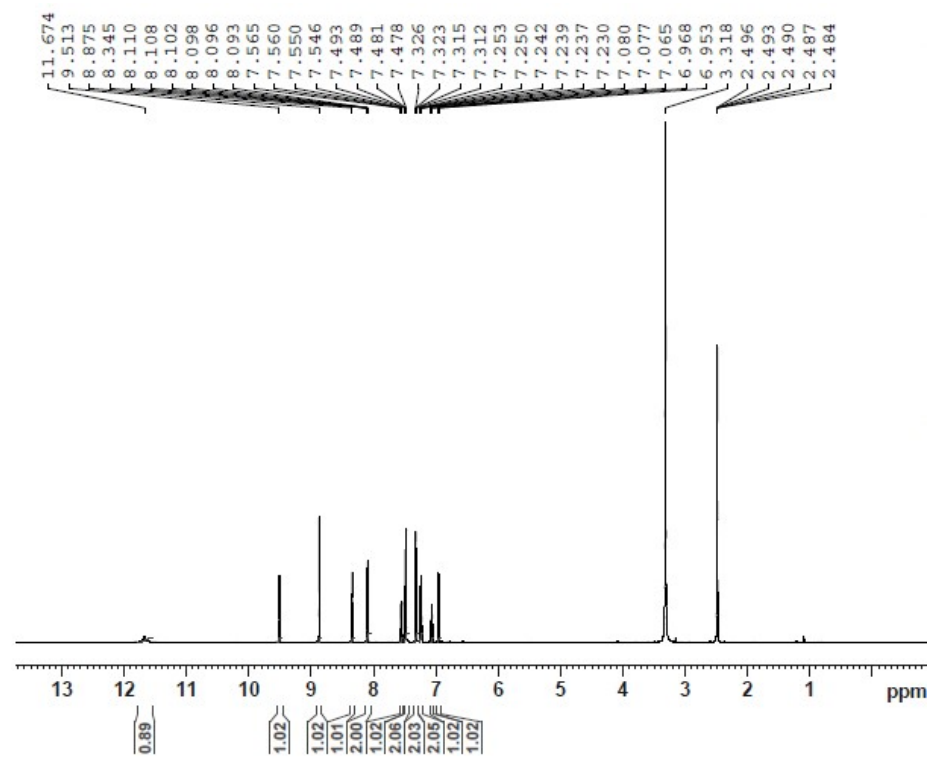
¹HNMR and ¹³CNMR Spectra of 5i



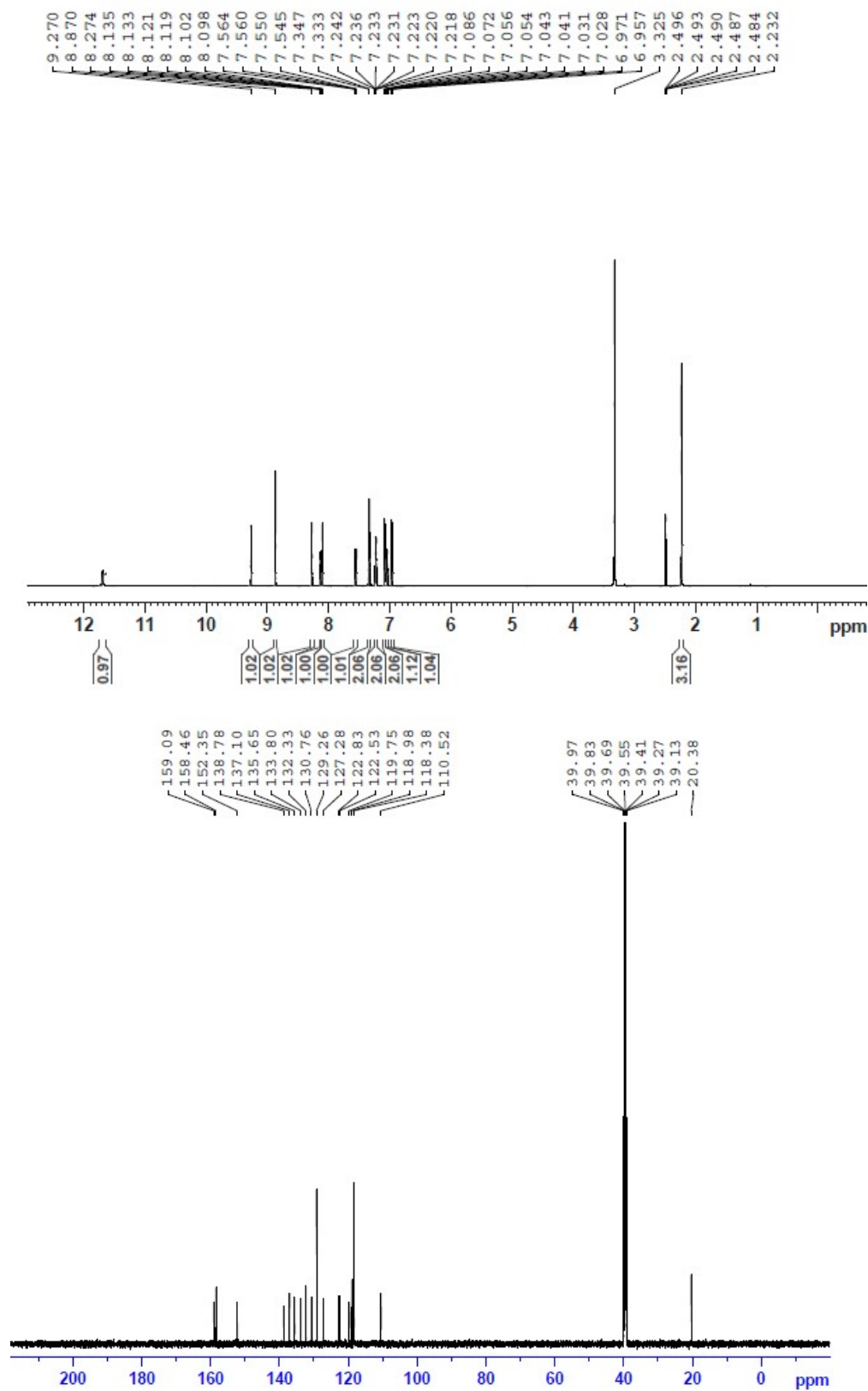
¹H NMR and ¹³C NMR Spectra of 5j



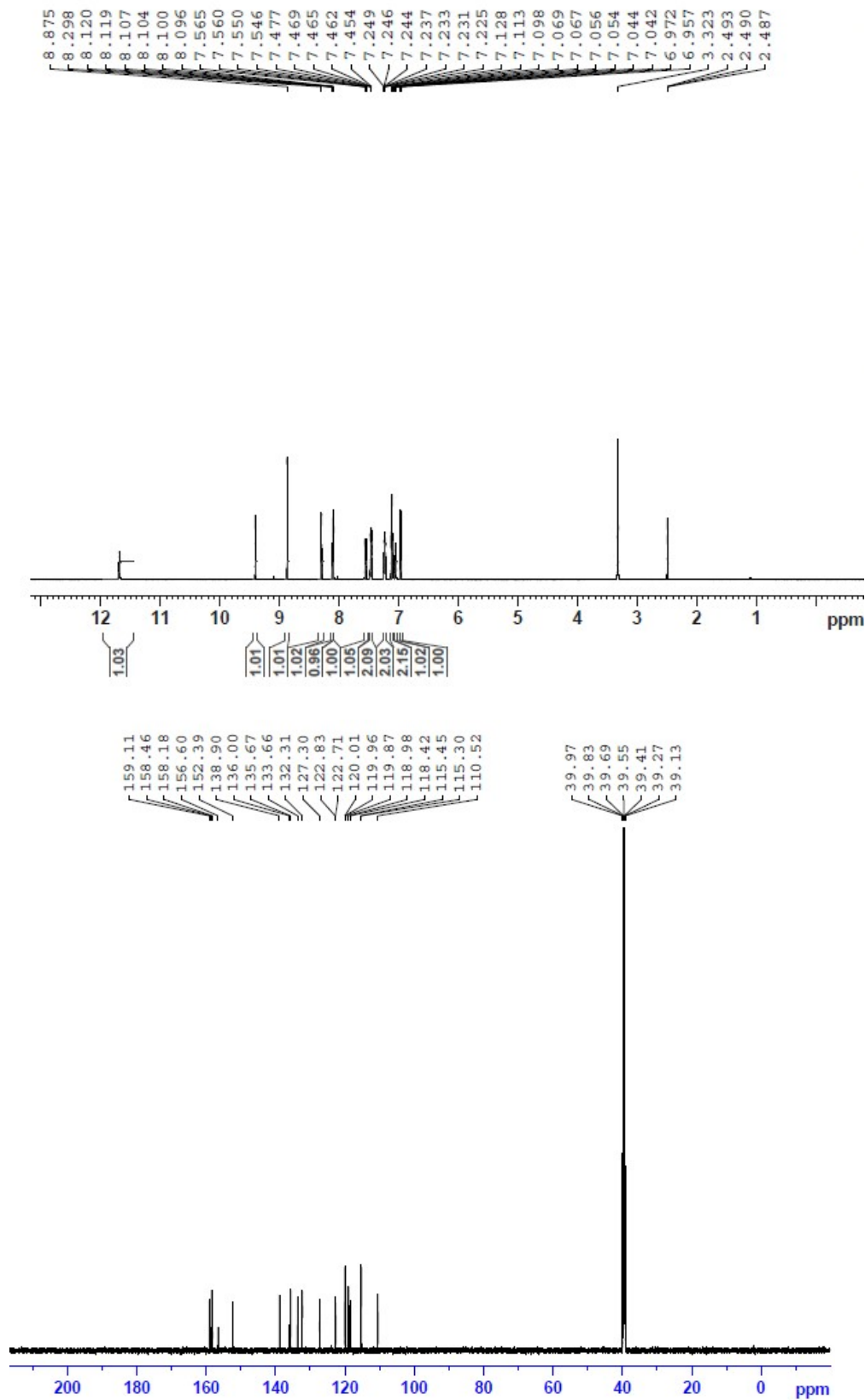
¹H NMR and ¹³C NMR Spectra of 5k



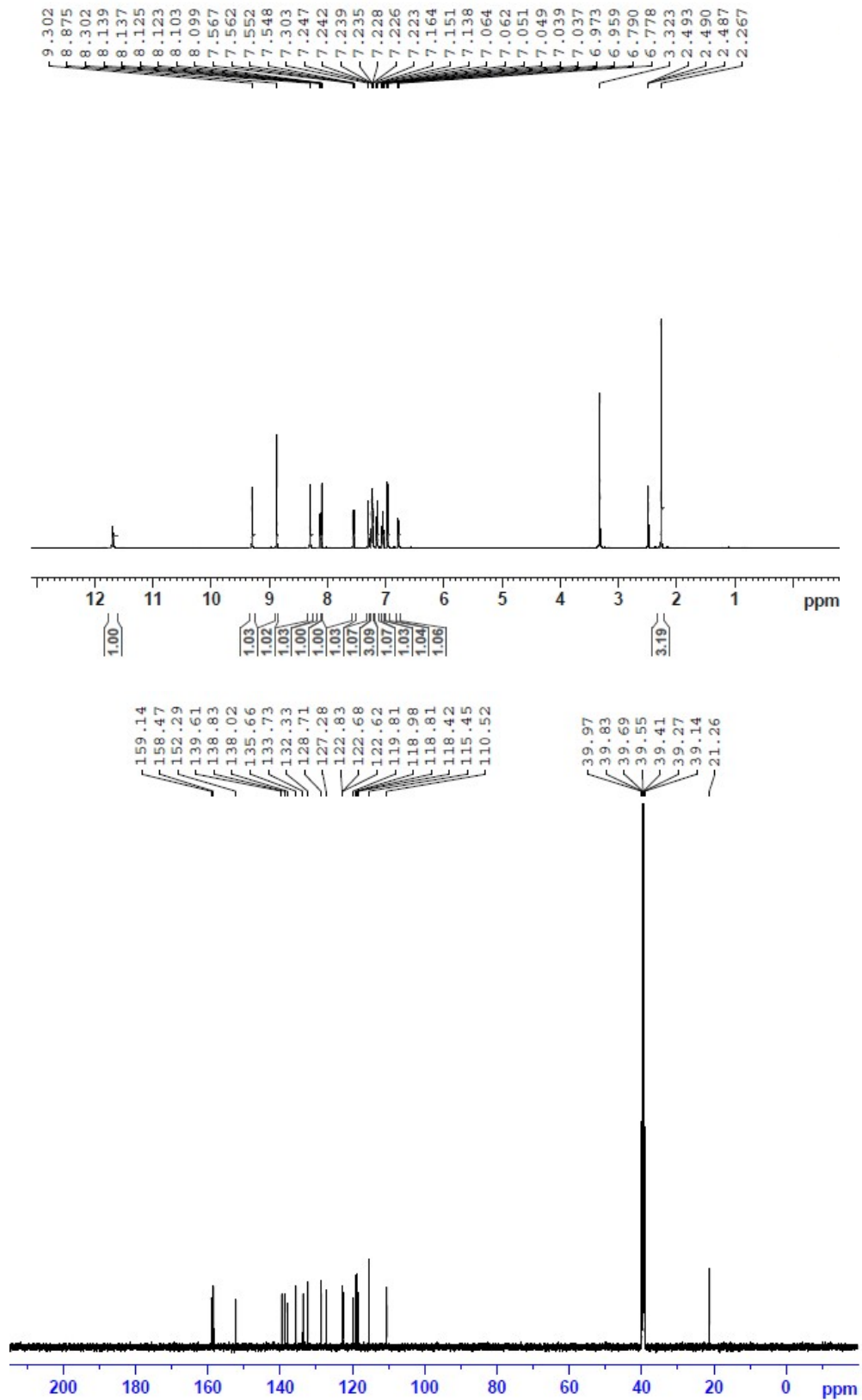
¹H NMR and ¹³C NMR Spectra of 5l



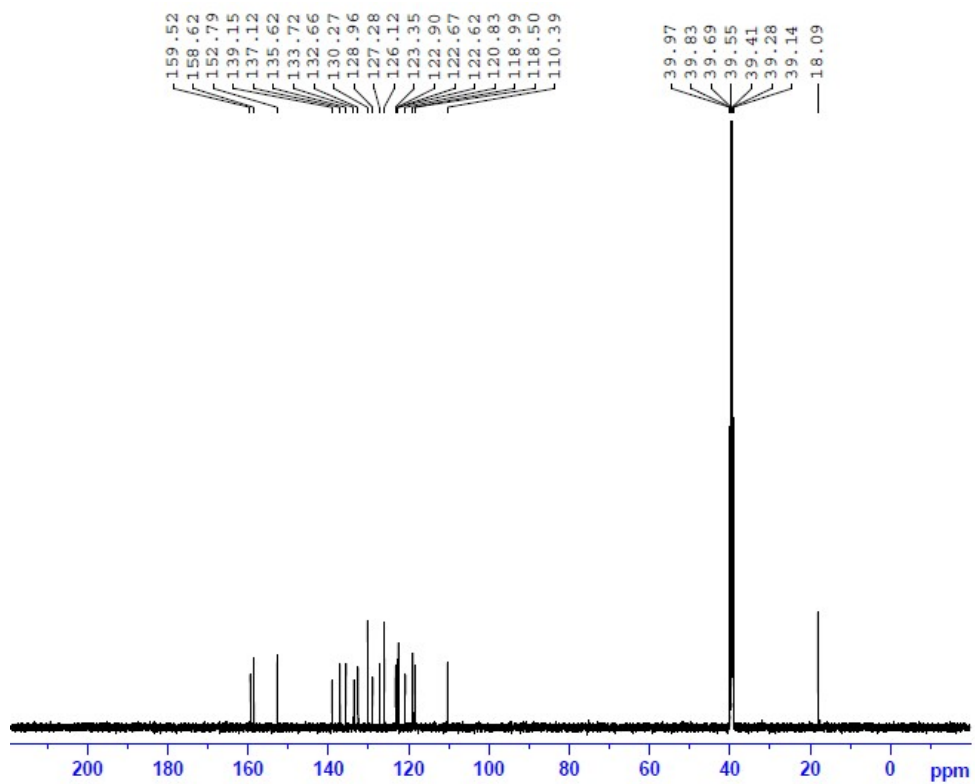
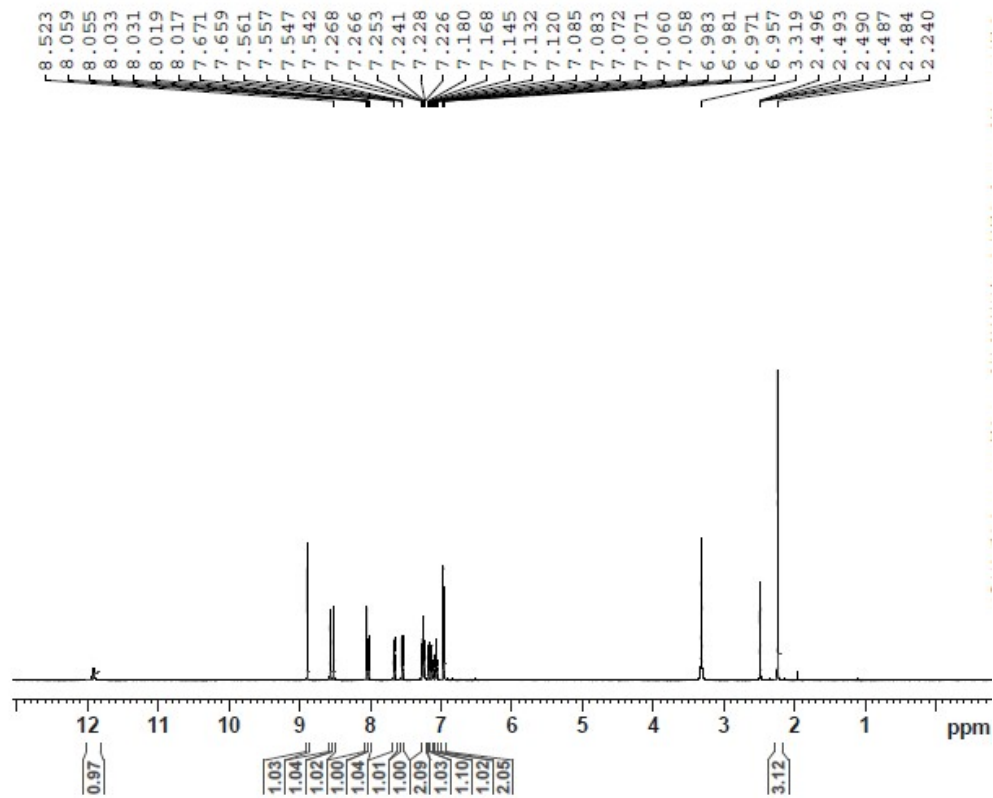
¹H NMR and ¹³C NMR Spectra of 5m



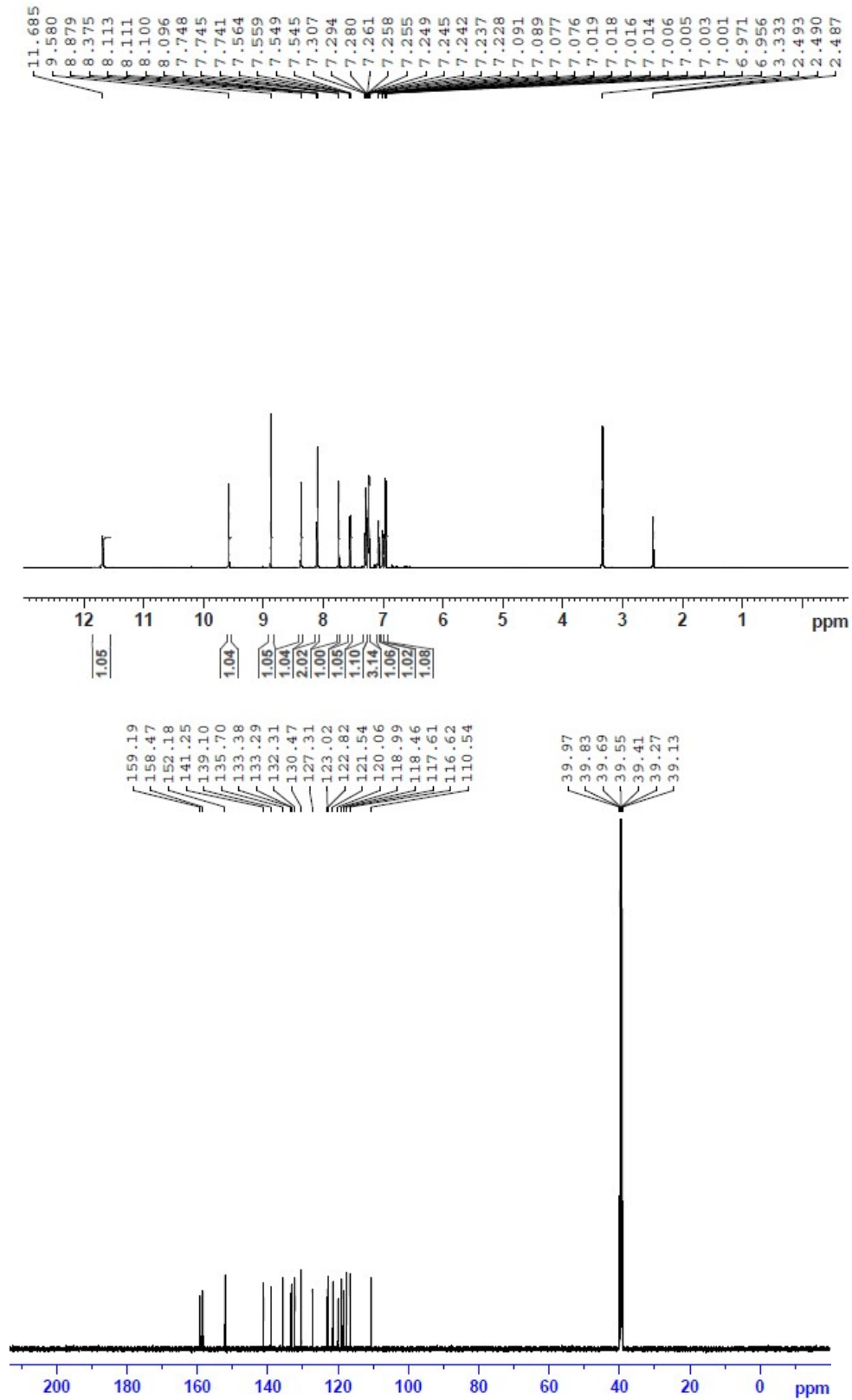
¹HNMR and ¹³CNMR Spectra of 5n



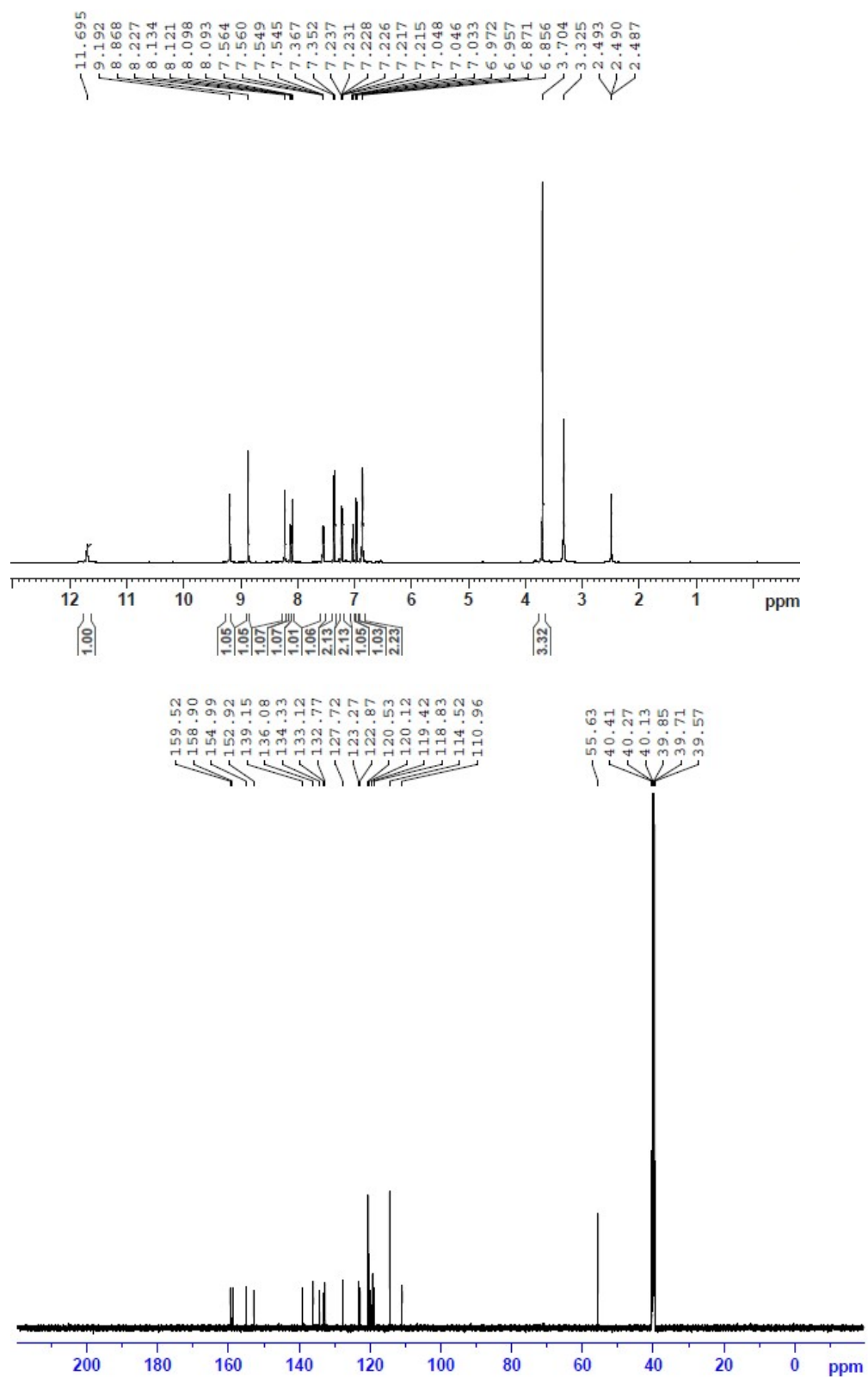
¹H NMR and ¹³C NMR Spectra of 5o



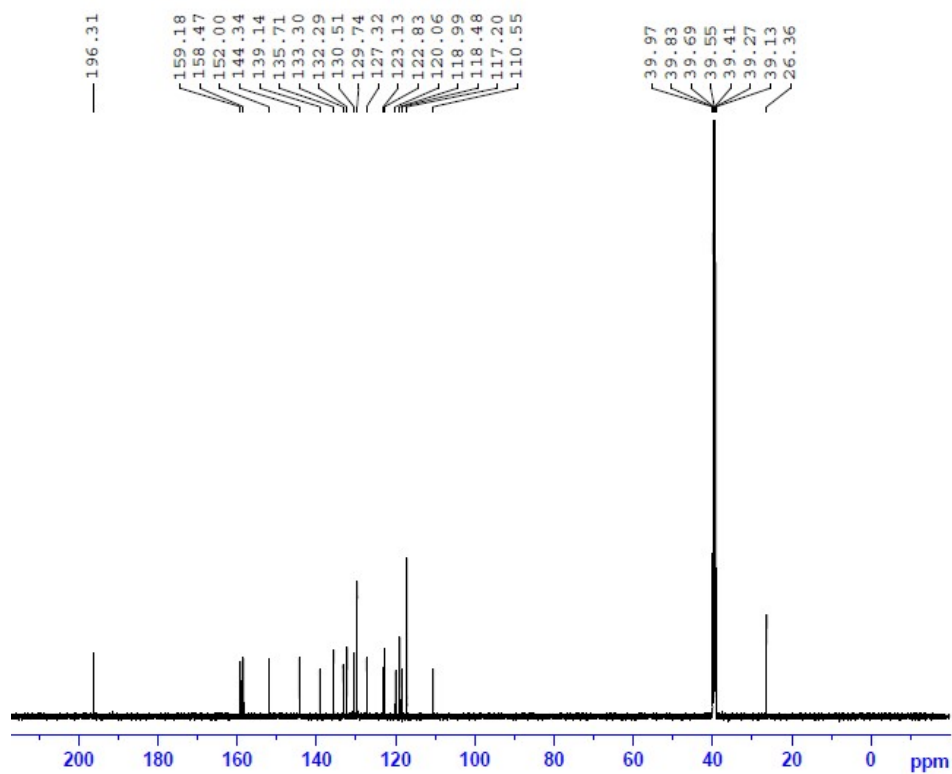
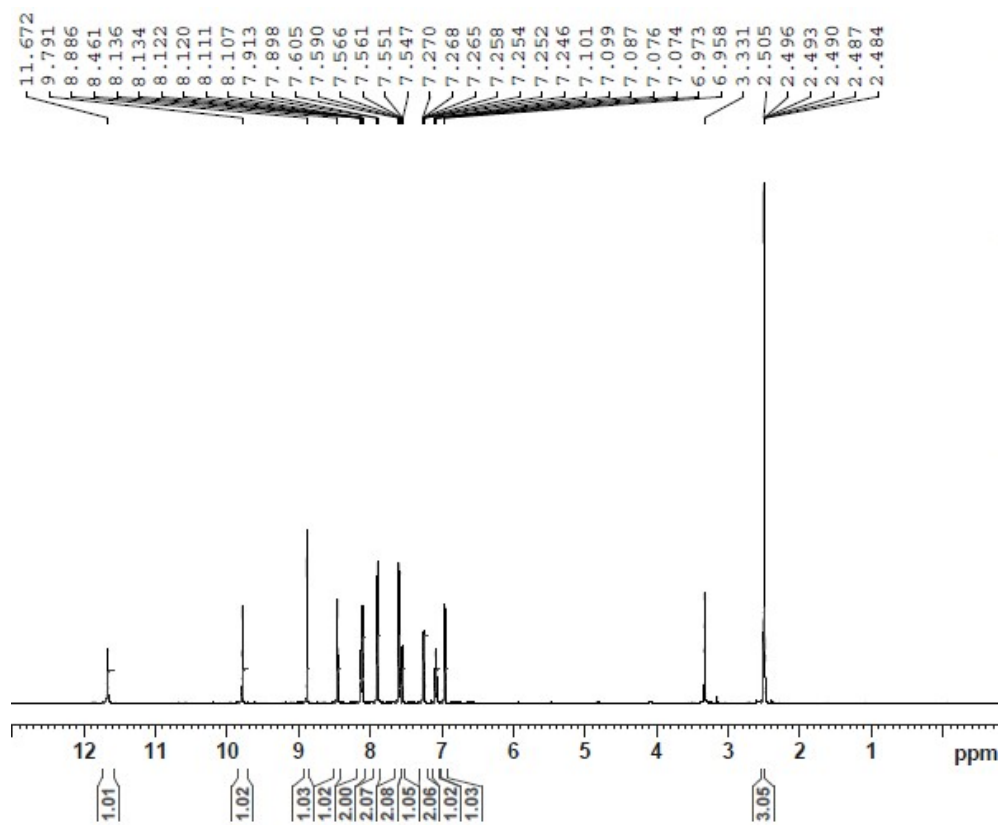
¹H NMR and ¹³C NMR Spectra of 5p



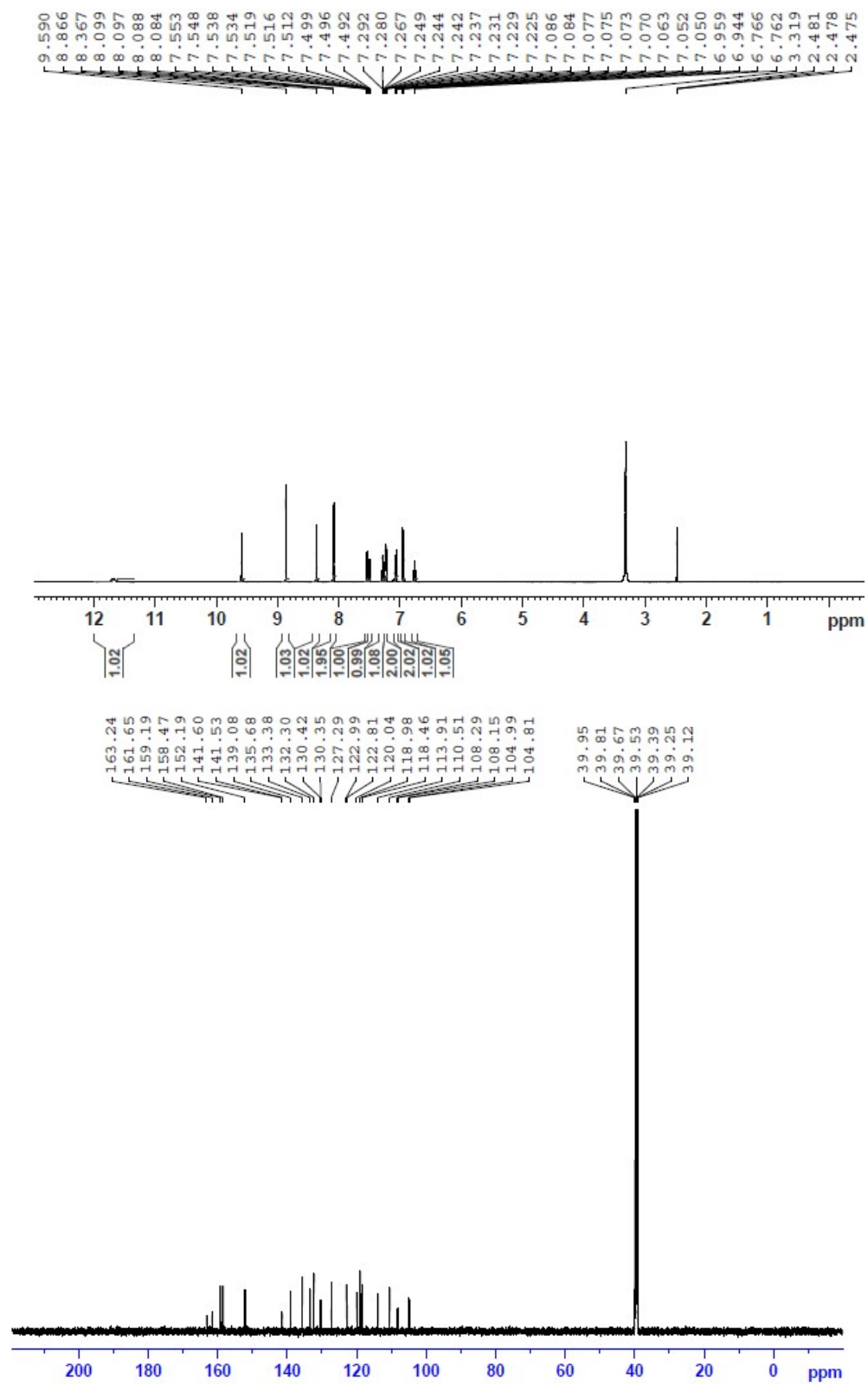
^1H NMR and ^{13}C NMR Spectra of 5q



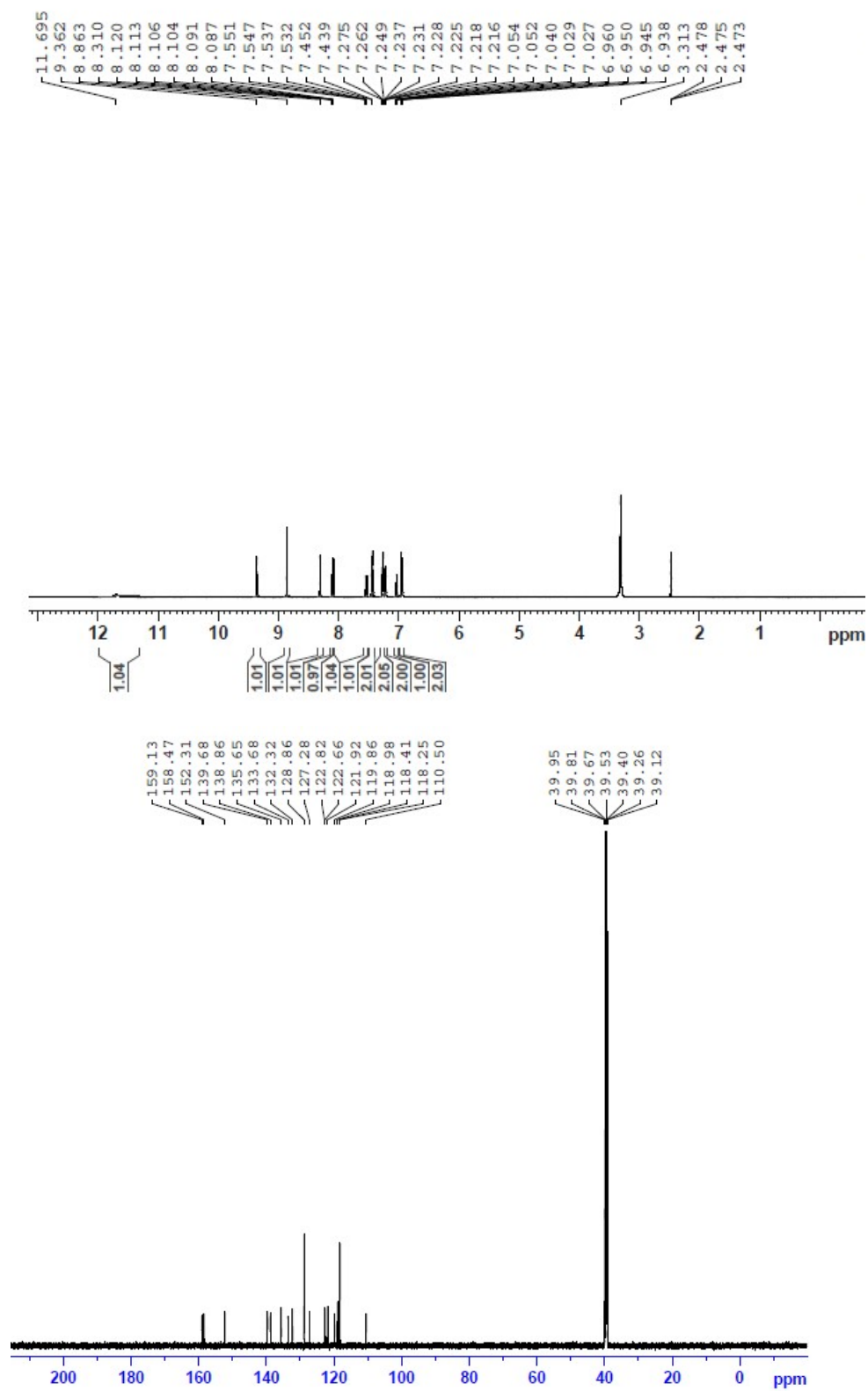
¹H NMR and ¹³C NMR Spectra of 5r



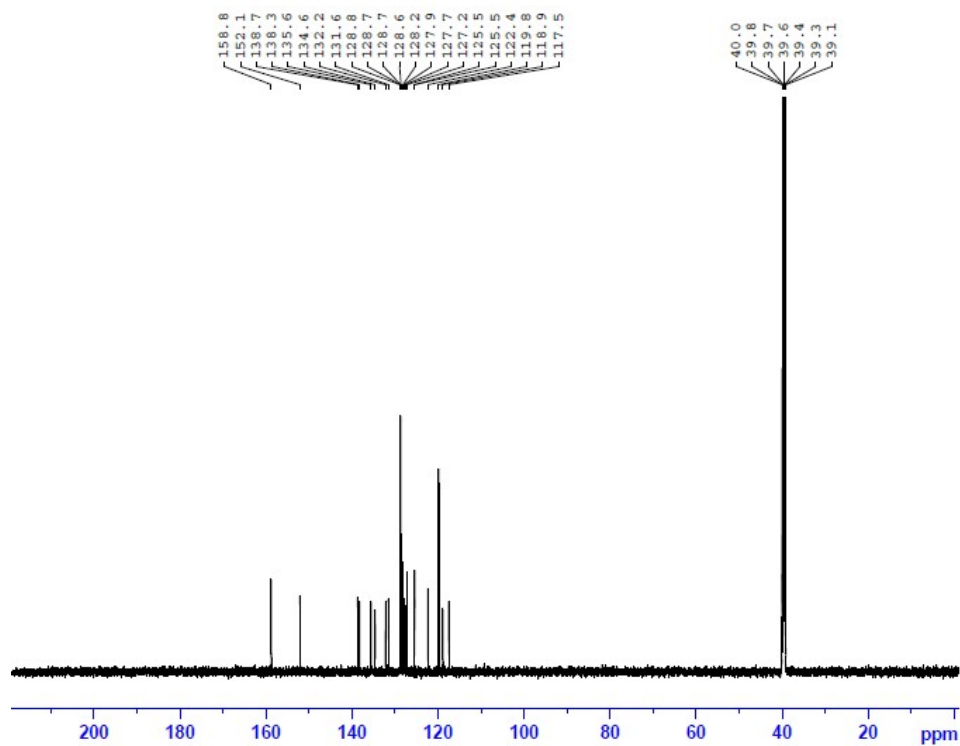
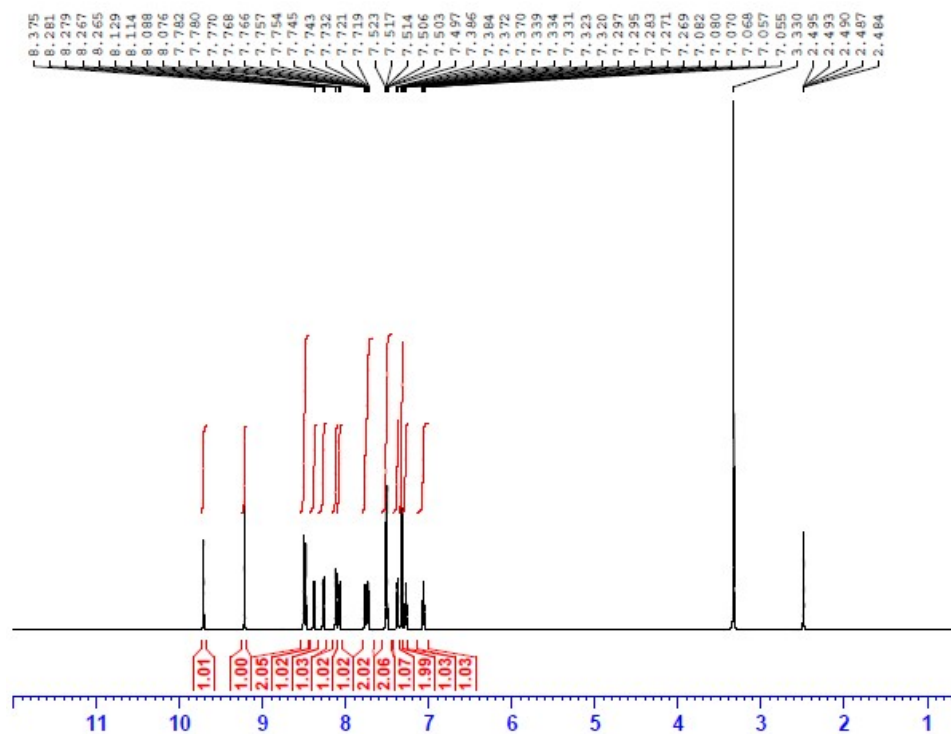
¹H NMR and ¹³C NMR Spectra of 5s



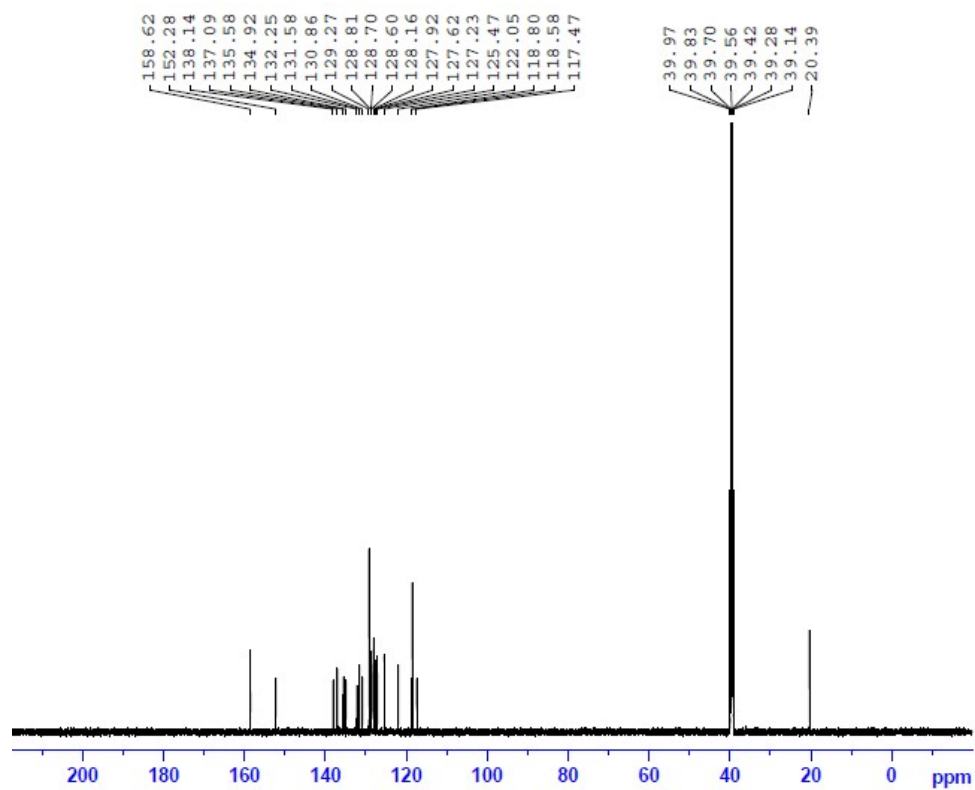
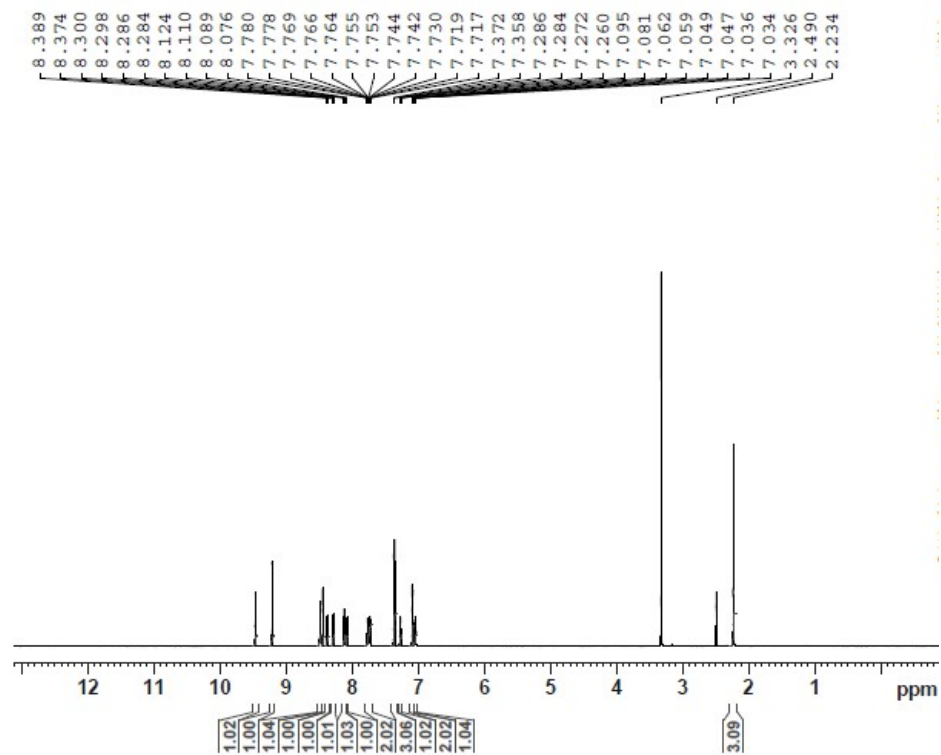
^1H NMR and ^{13}C NMR Spectra of 5t



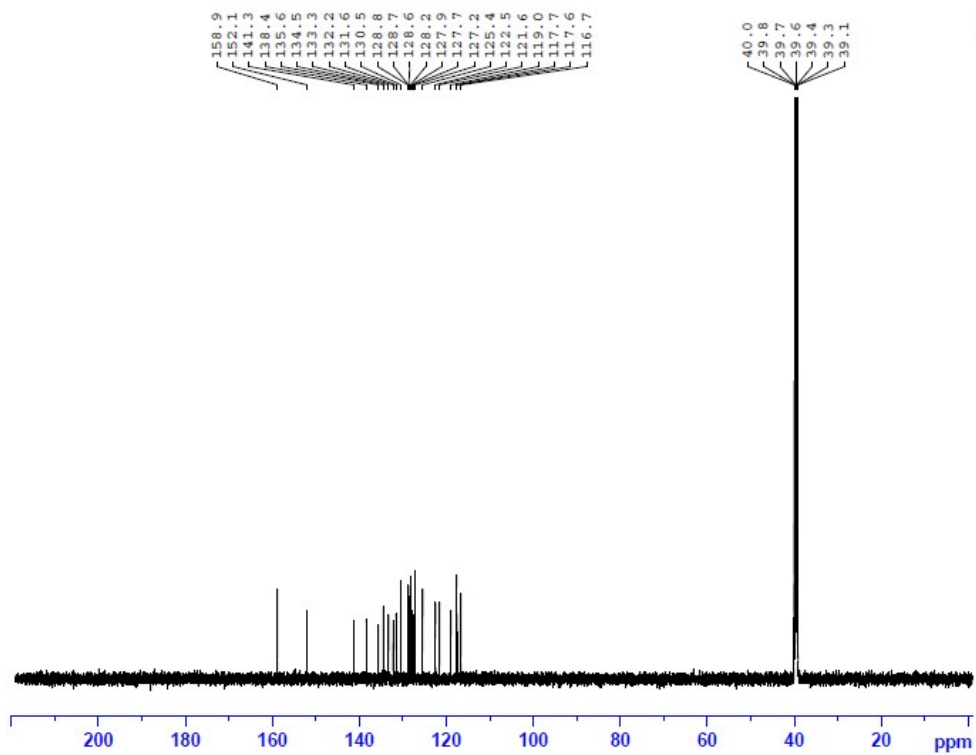
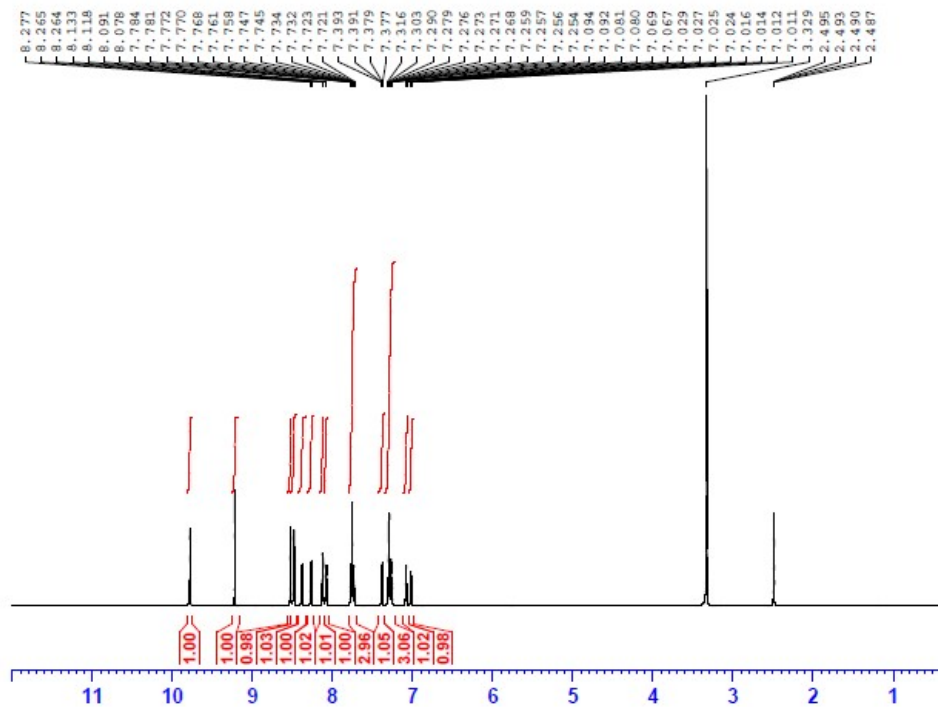
^1H NMR and ^{13}C NMR Spectra of 6a



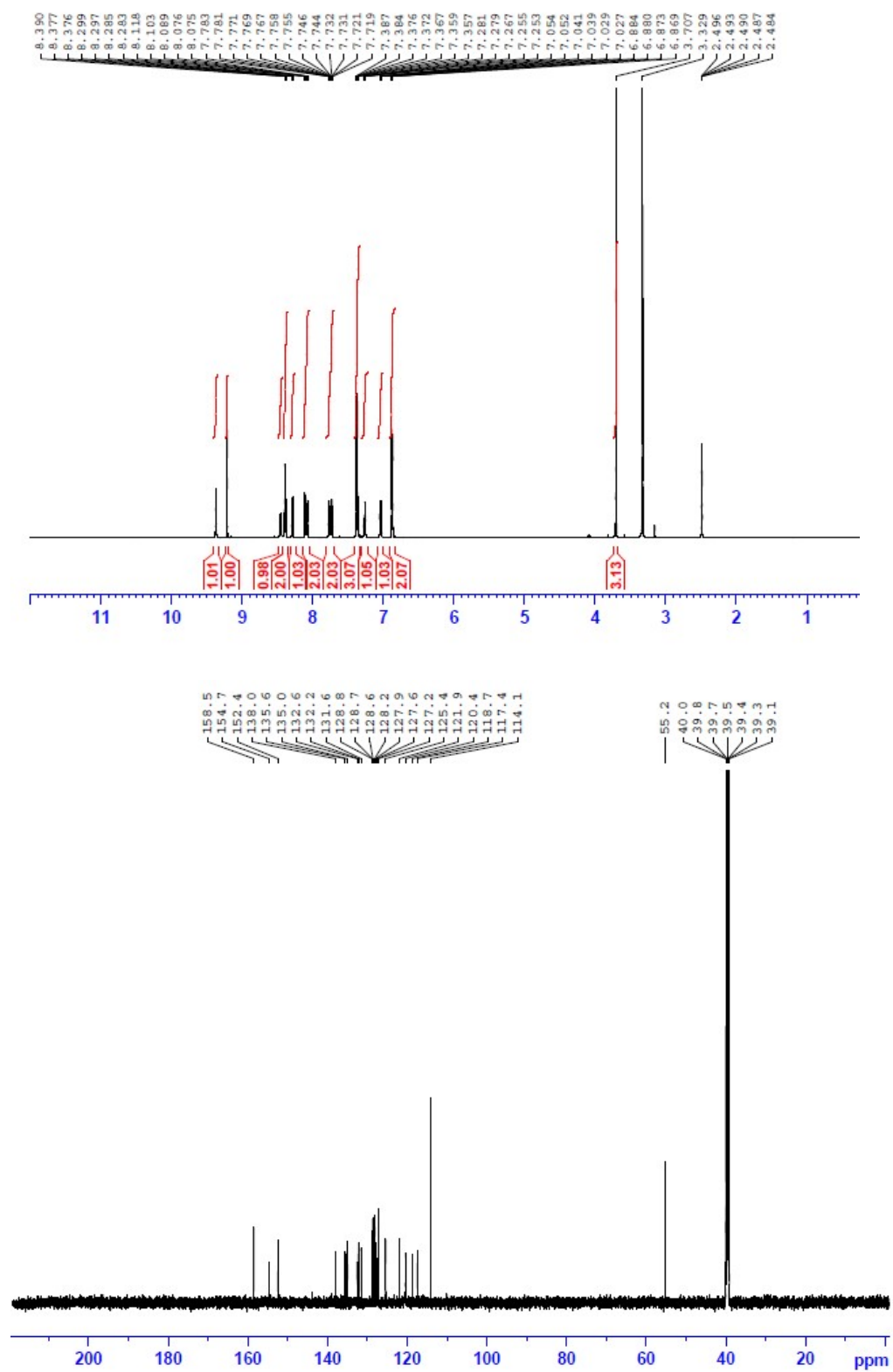
¹H NMR and ¹³C NMR Spectra of 6b



¹H NMR and ¹³C NMR Spectra of 6c

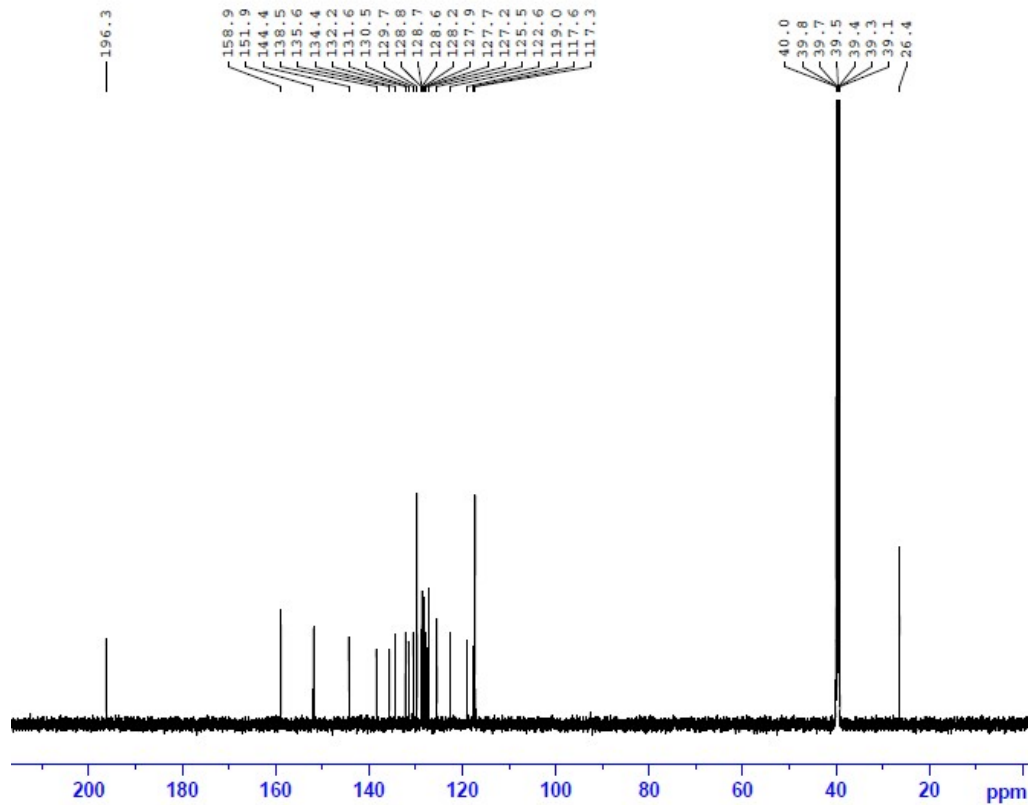
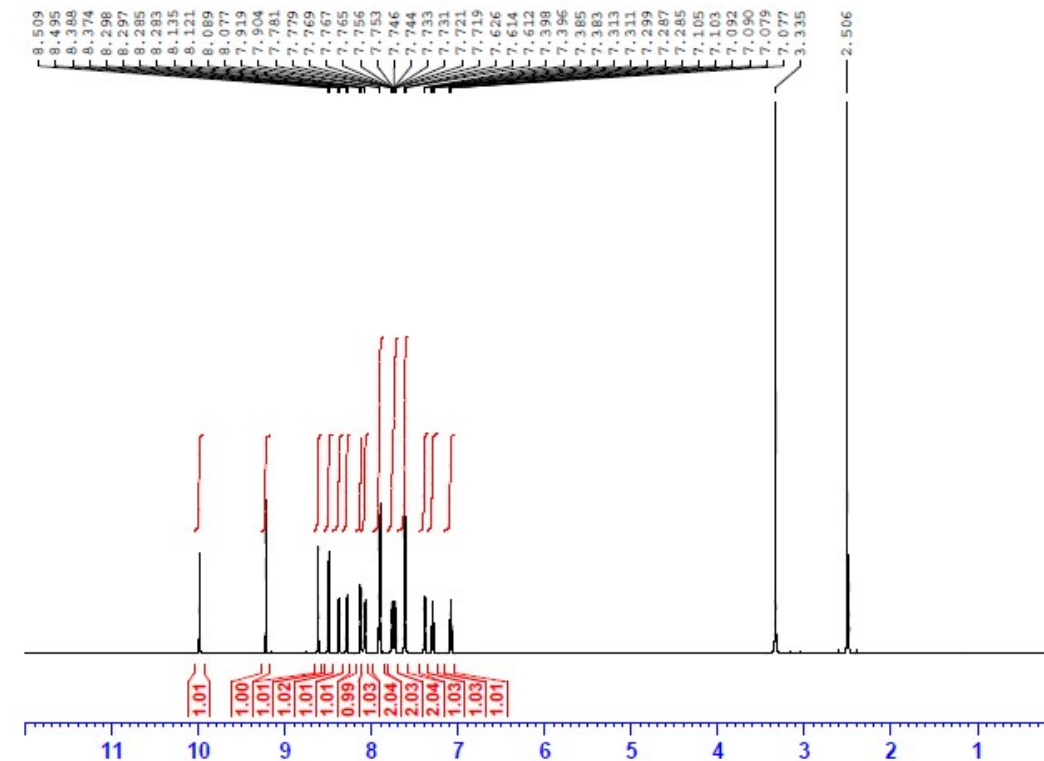


^1H NMR and ^{13}C NMR Spectra of 6d

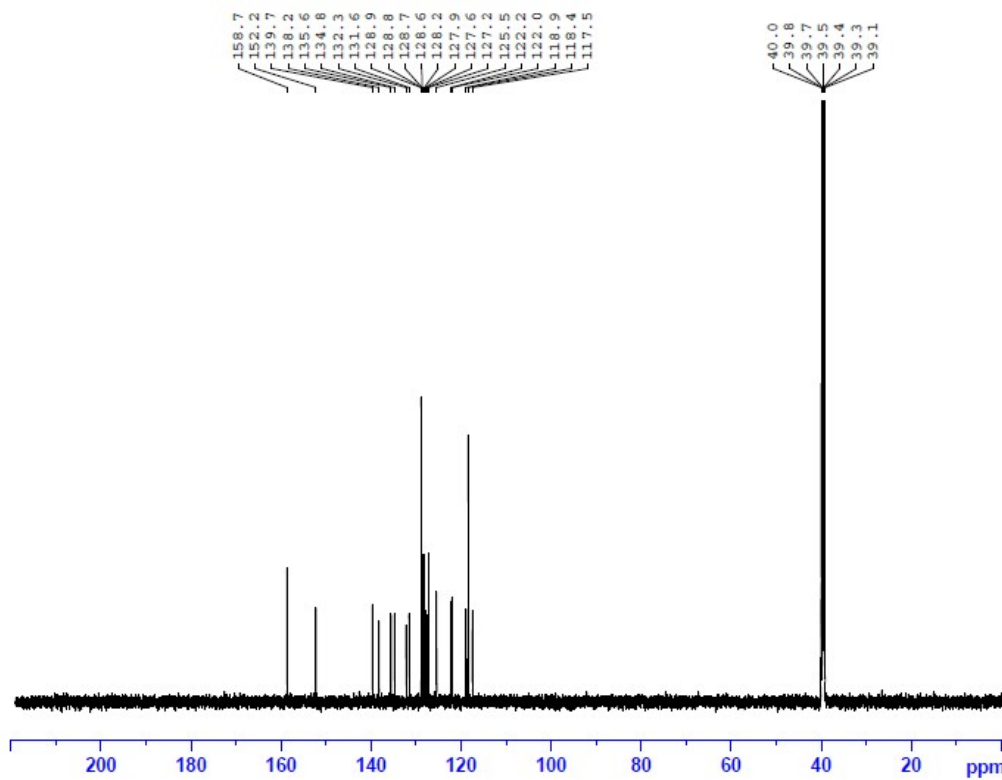
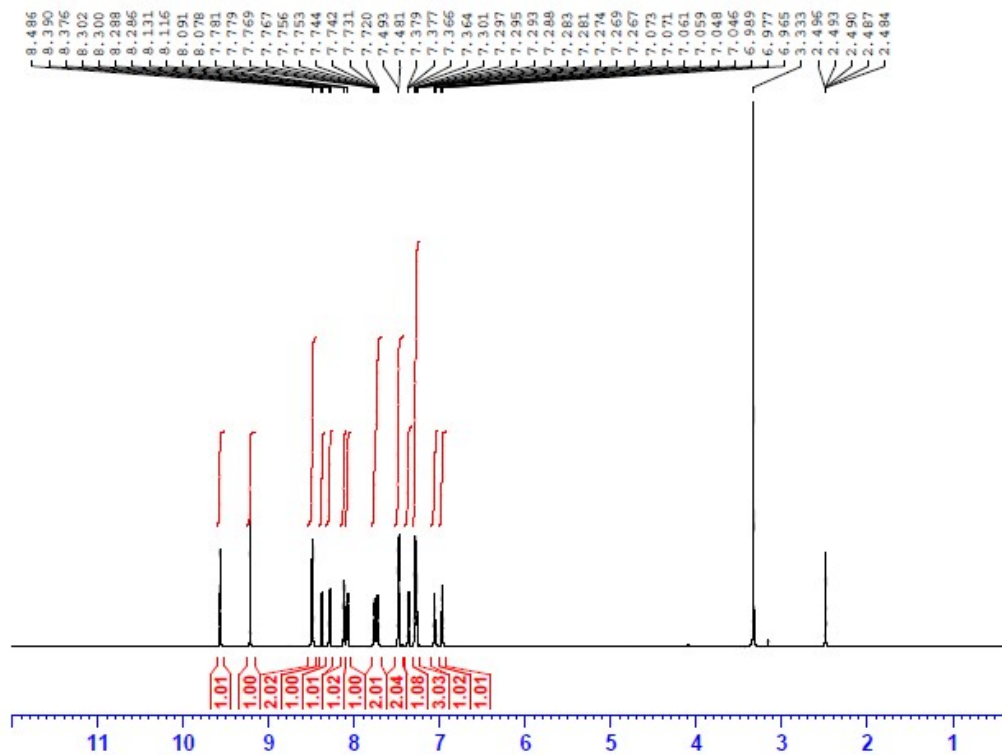


(6d) ^{13}C -NMR

¹H NMR and ¹³C NMR Spectra of 6e

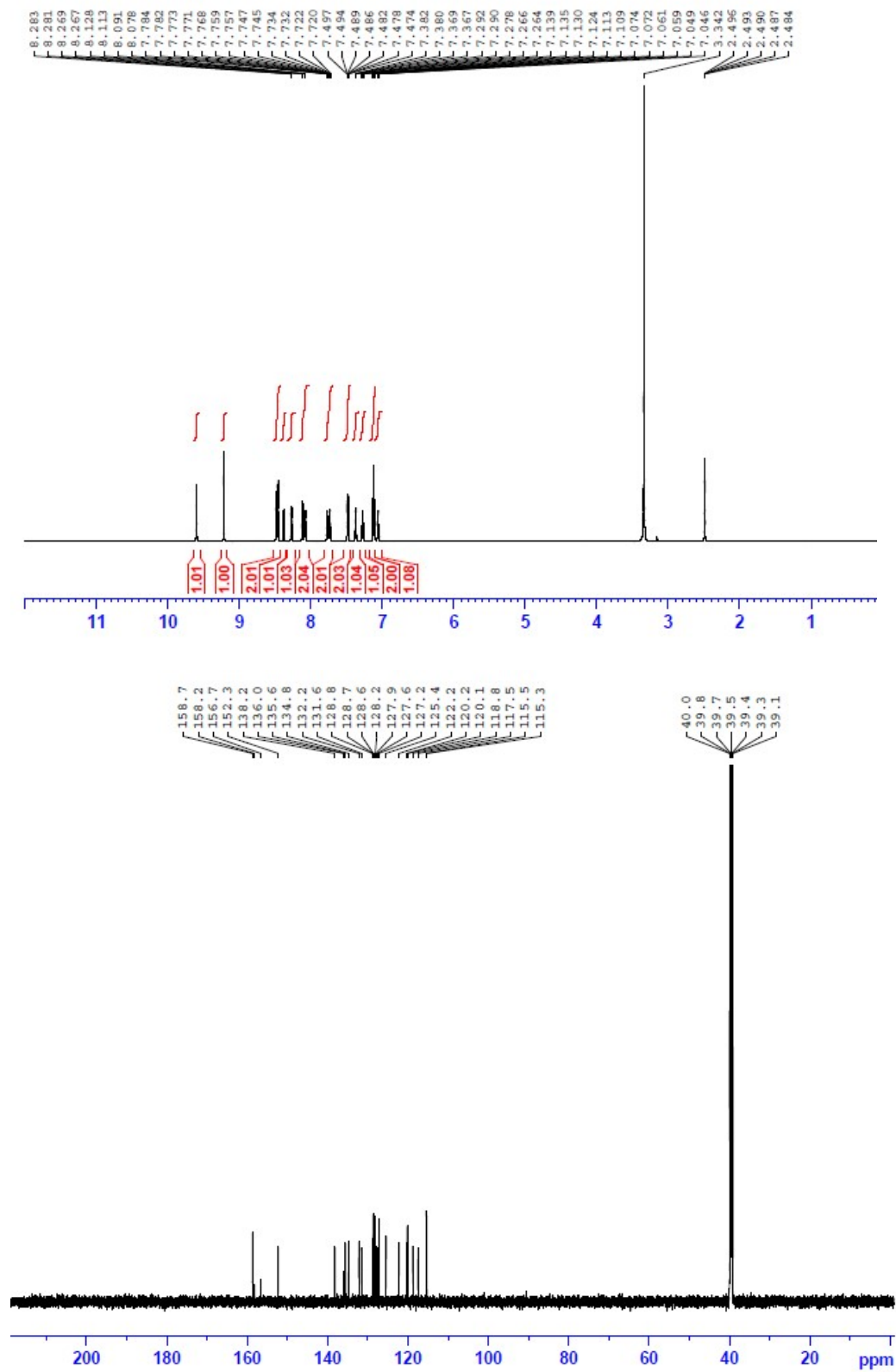


¹H NMR and ¹³C NMR Spectra of 6f

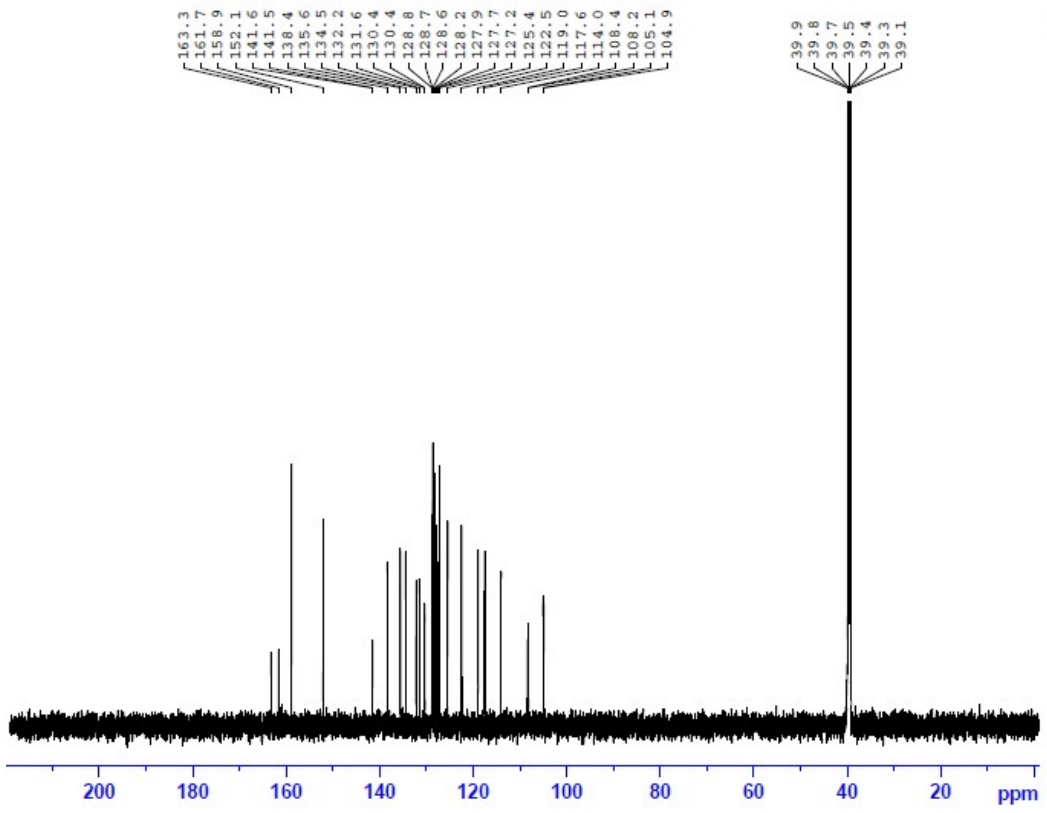
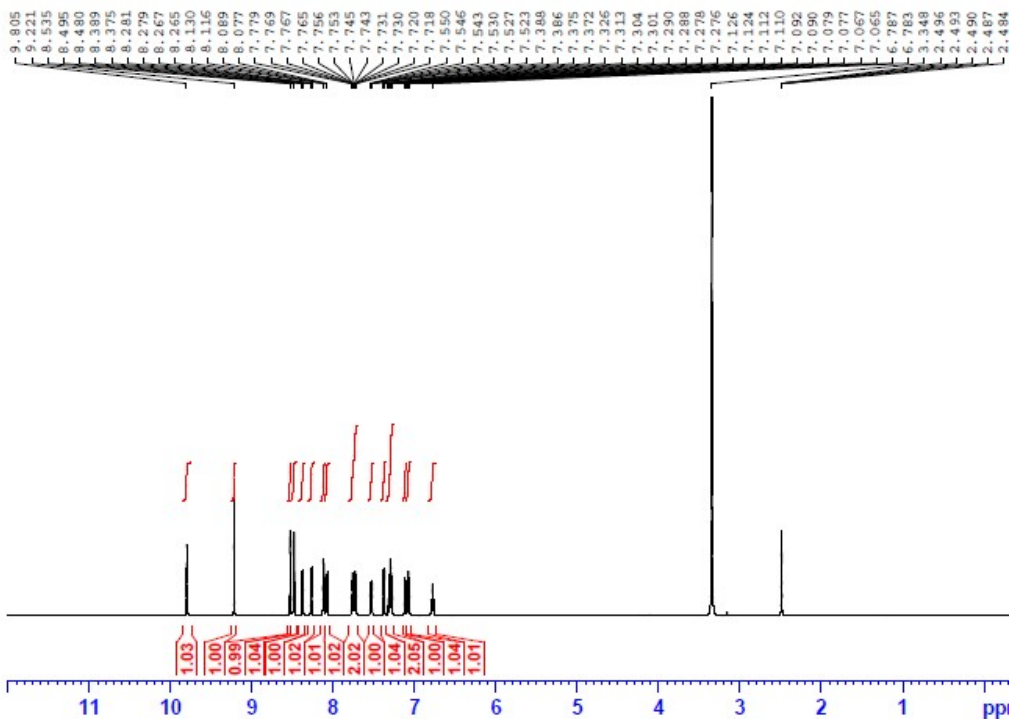


(6f) ¹³C-NMR

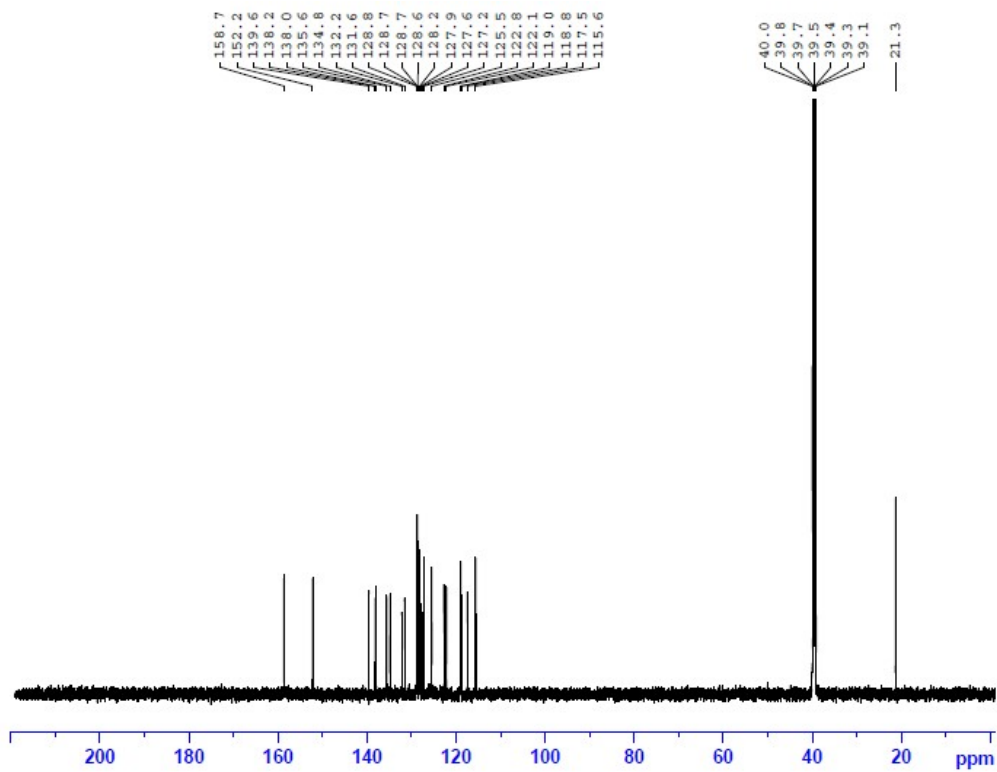
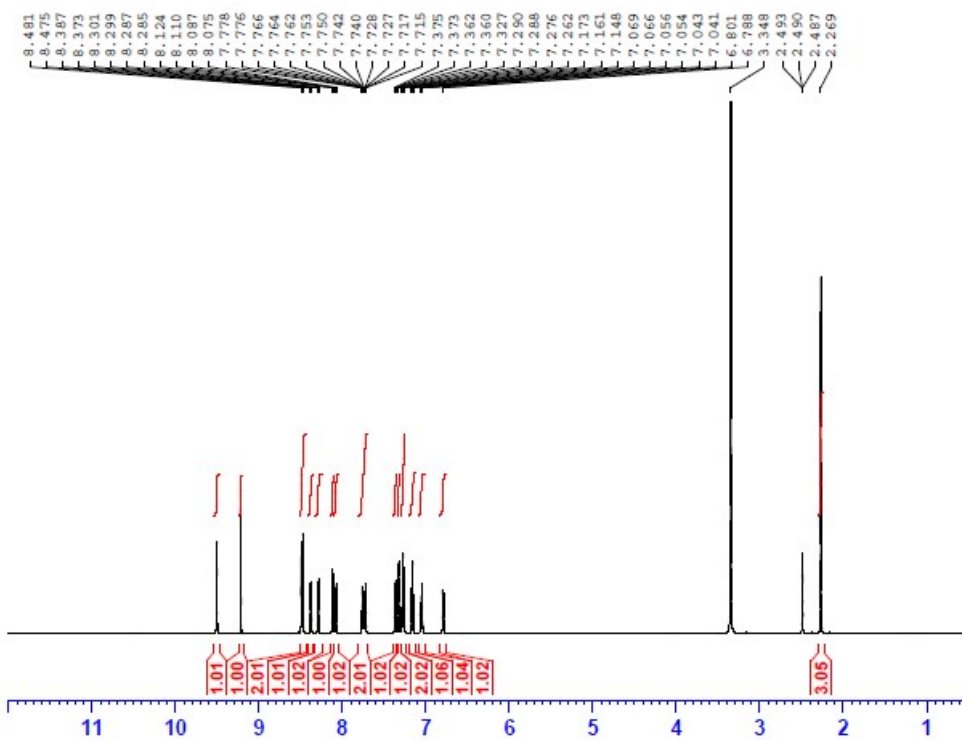
^1H NMR and ^{13}C NMR Spectra of 6g



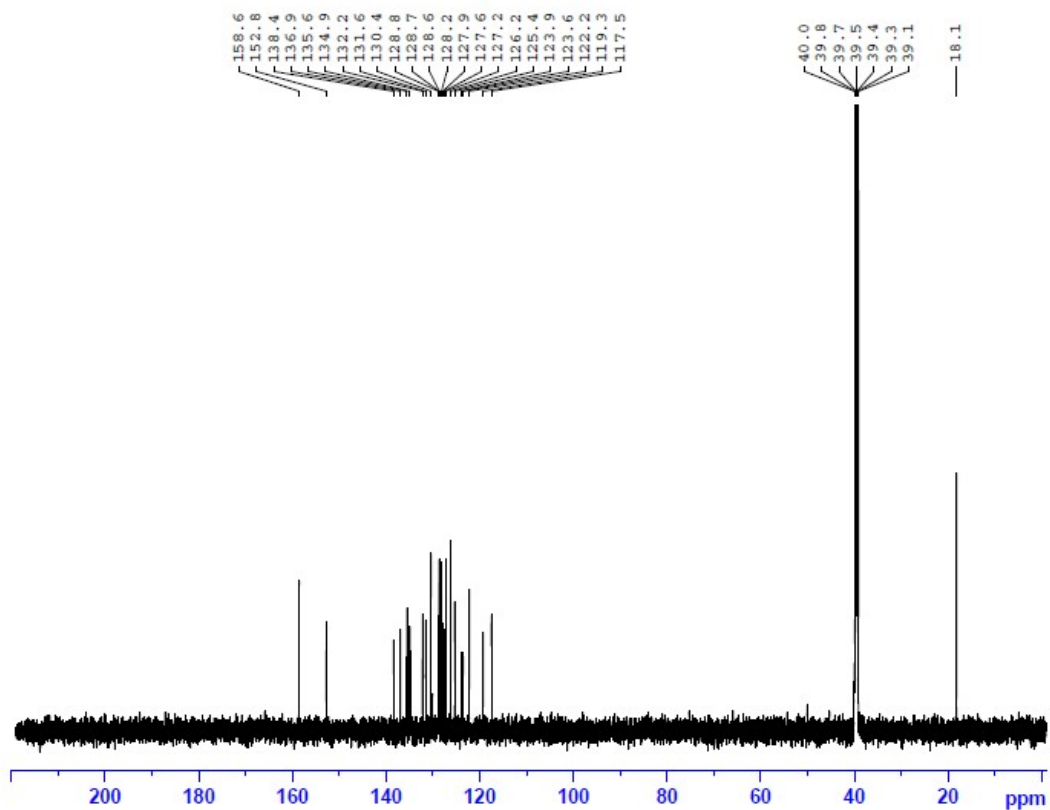
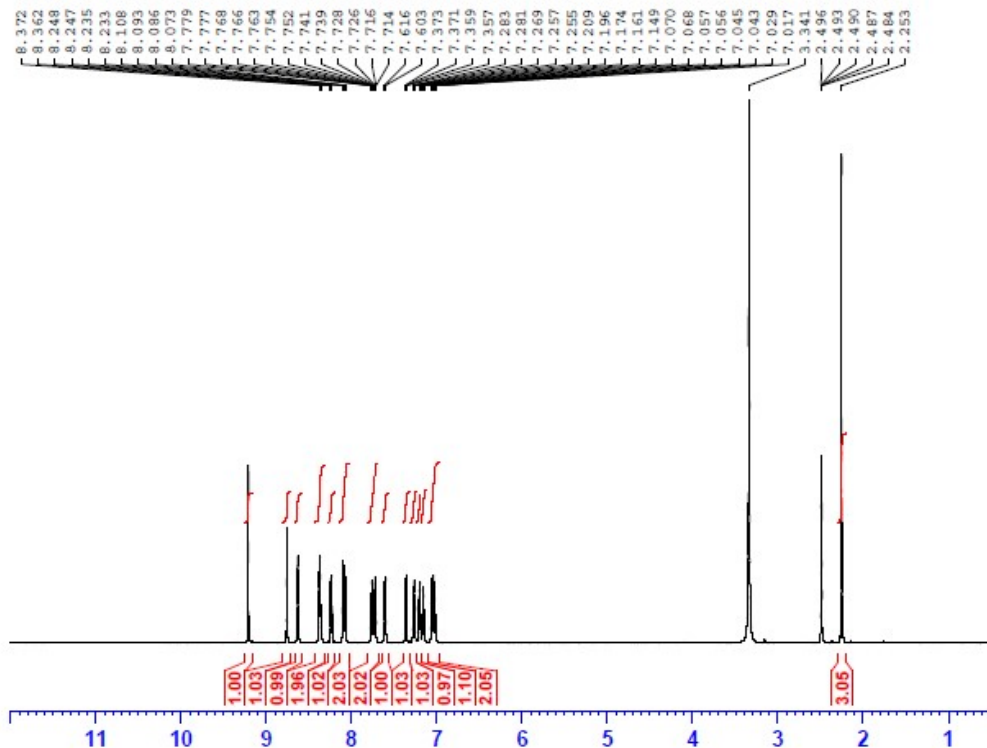
¹H NMR and ¹³C NMR Spectra of 6h



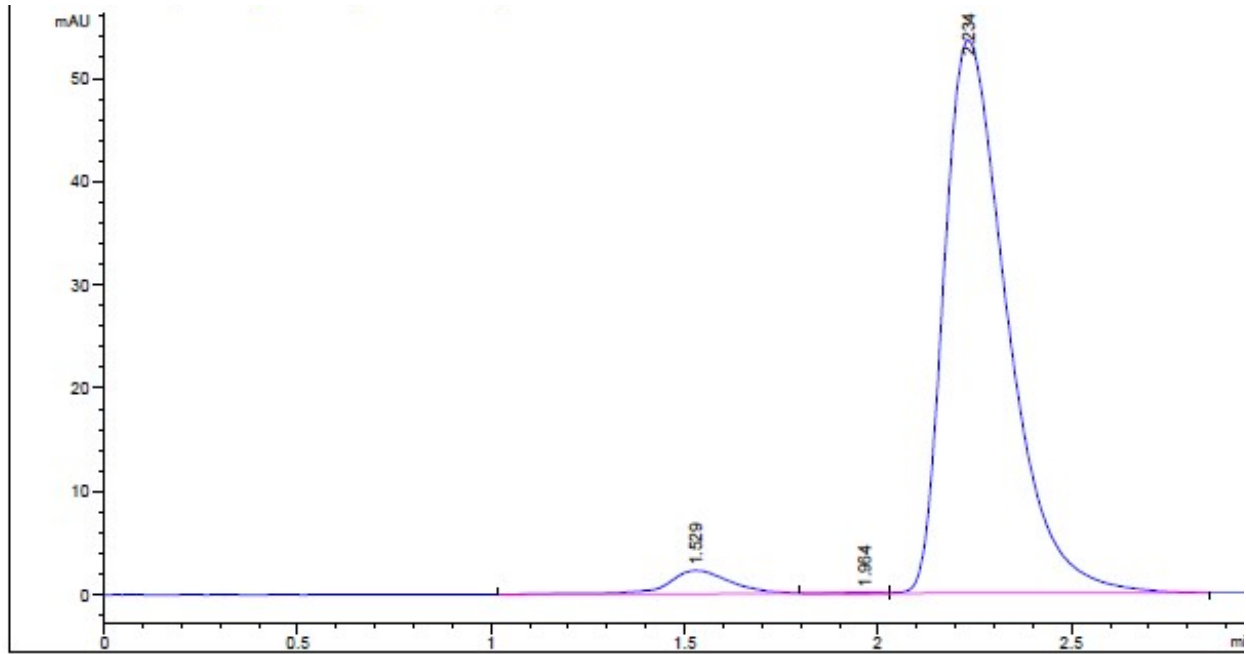
¹H NMR and ¹³C NMR Spectra of 6i



¹H NMR and ¹³C NMR Spectra of 6j



HPLC Chromatogram of 5a



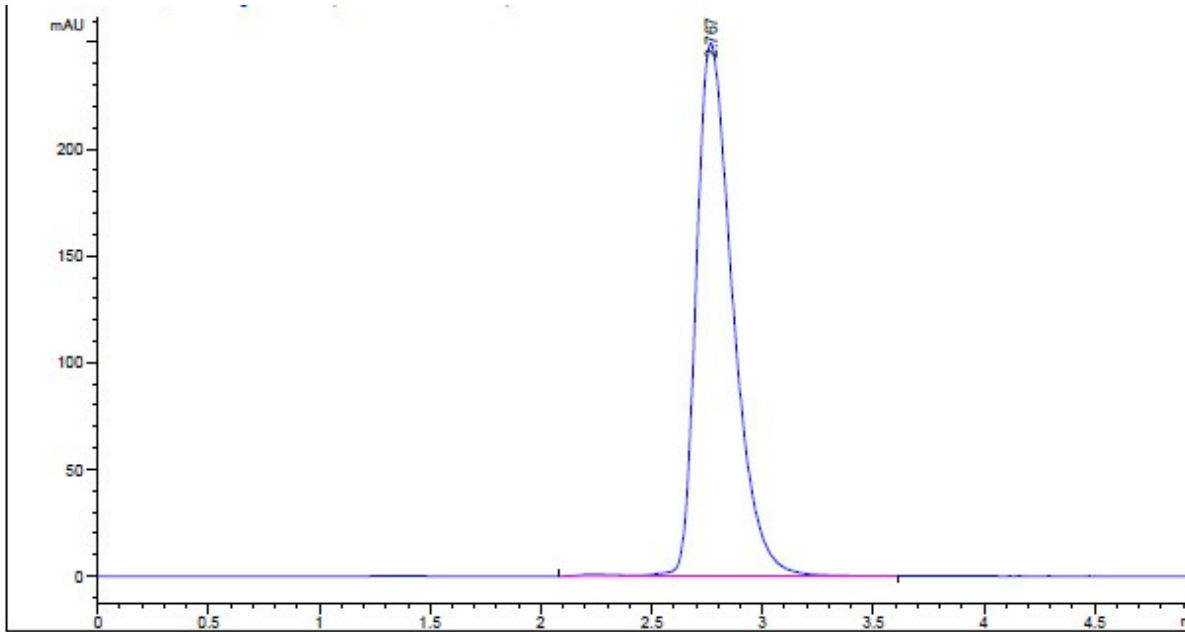
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.529	BV R	0.1777	27.12323	2.28710	4.2747
2	1.964	W E	0.1214	1.08572	1.25387e-1	0.1711
3	2.234	VB	0.1743	606.29761	53.54283	95.5542

HPLC Chromatogram of 5b



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Area Percent Report
=====

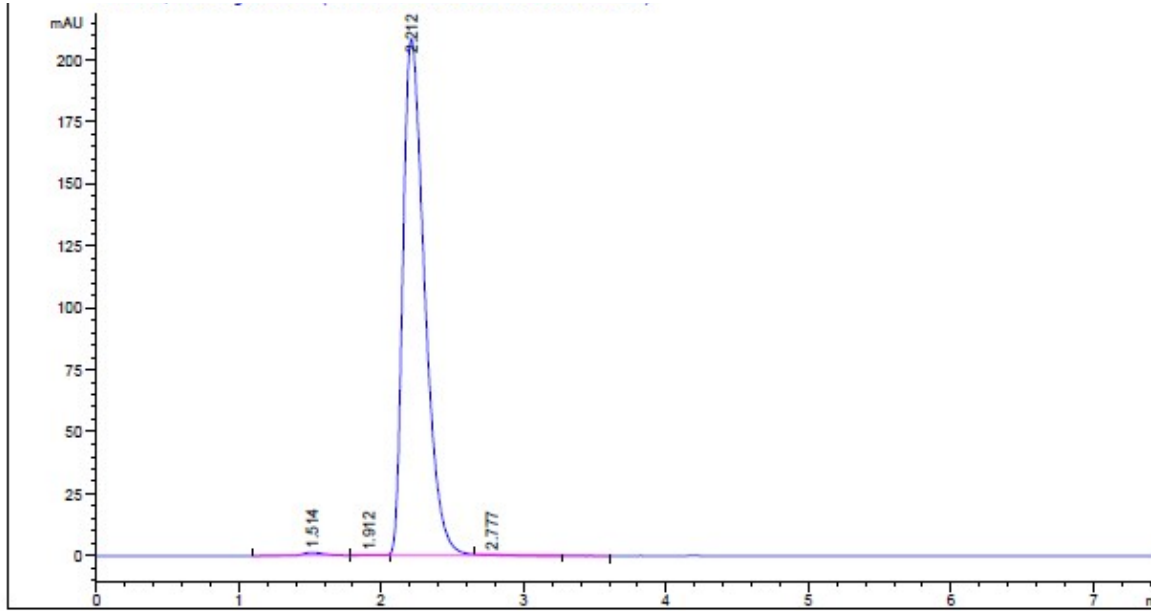
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Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.490000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.767	VB R	0.1762	2865.18433	249.45692	100.0000

=====
Total: 2865.18433 249.45692
=====

HPLC Chromatogram of 5c



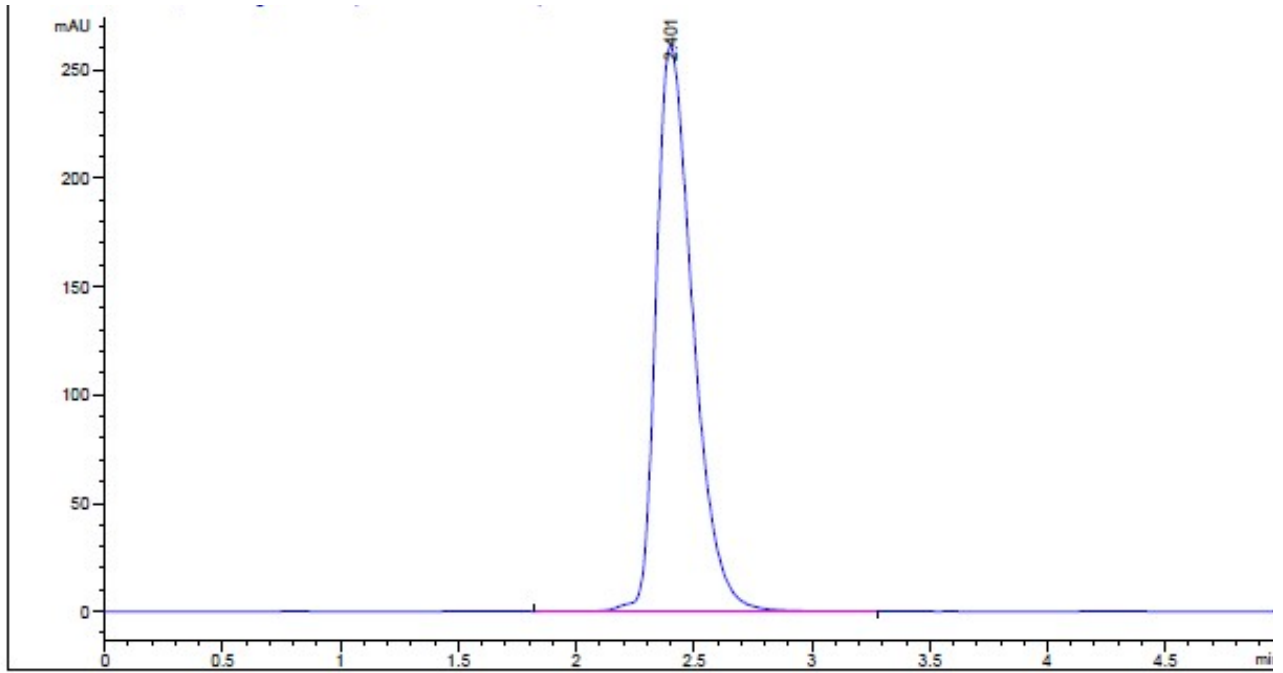
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 Multiplier : 1.0000
 Dilution : 1.0000
 Sample Amount: : 9.30000000e-3 [ng/ul] (not used in calc.)
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.514	VB R	0.1598	13.14060	0.5927	?
2	1.912	BV E	0.1513	2.56966	0.1159	?
3	2.212	VV R	0.1639	2197.85620	99.1341	?
4	2.777	VB E	0.1909	3.48621	0.1572	?

HPLC Chromatogram of 5d



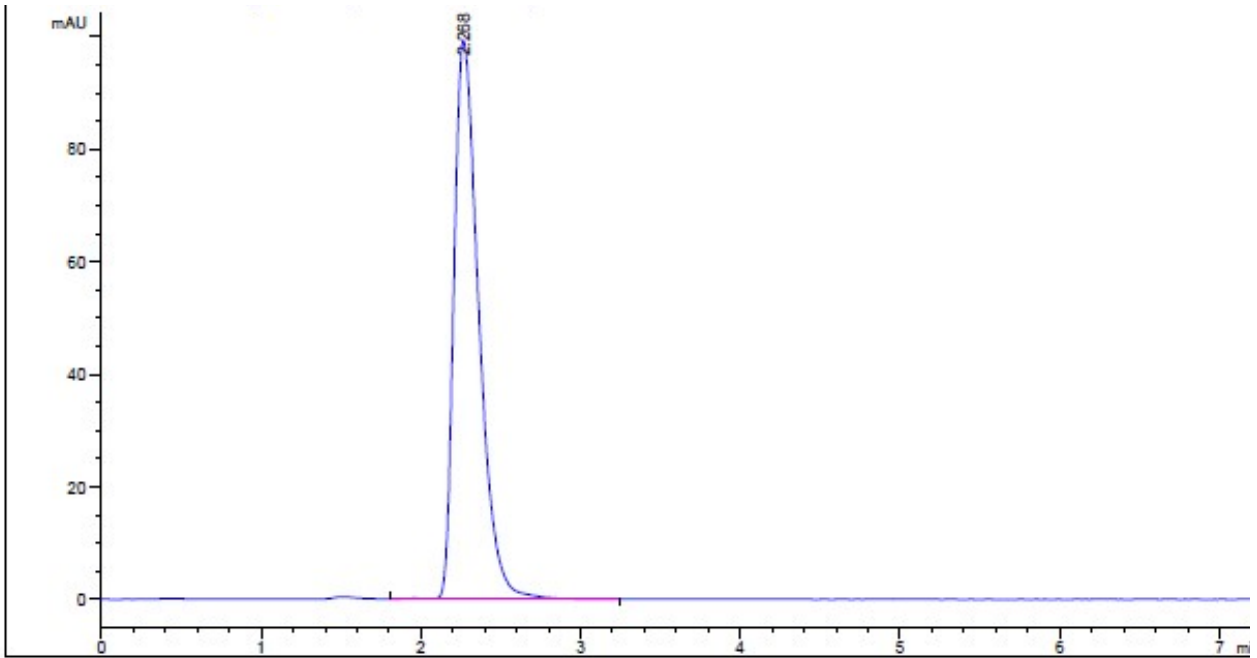
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Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.401	BB	0.1677	2842.89111	261.35452	100.0000

HPLC Chromatogram of 5e



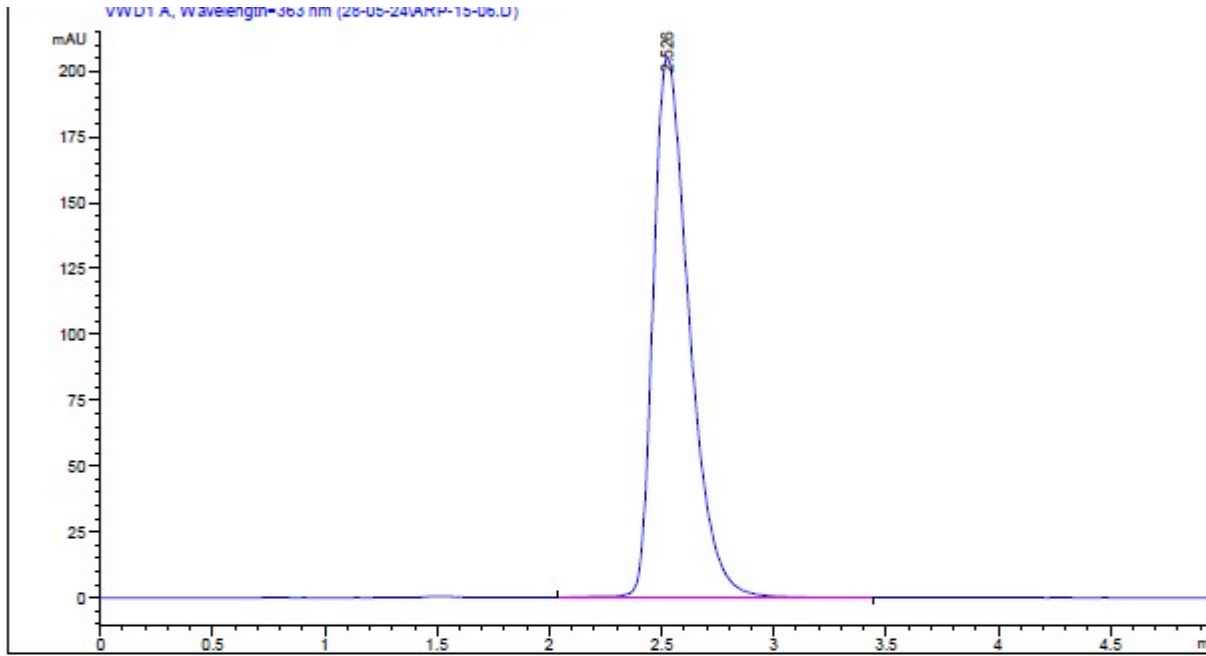
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Area Percent Report
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Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.270000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.268	VB R	0.1651	1070.16028	99.25910	100.0000

HPLC Chromatogram of 5f



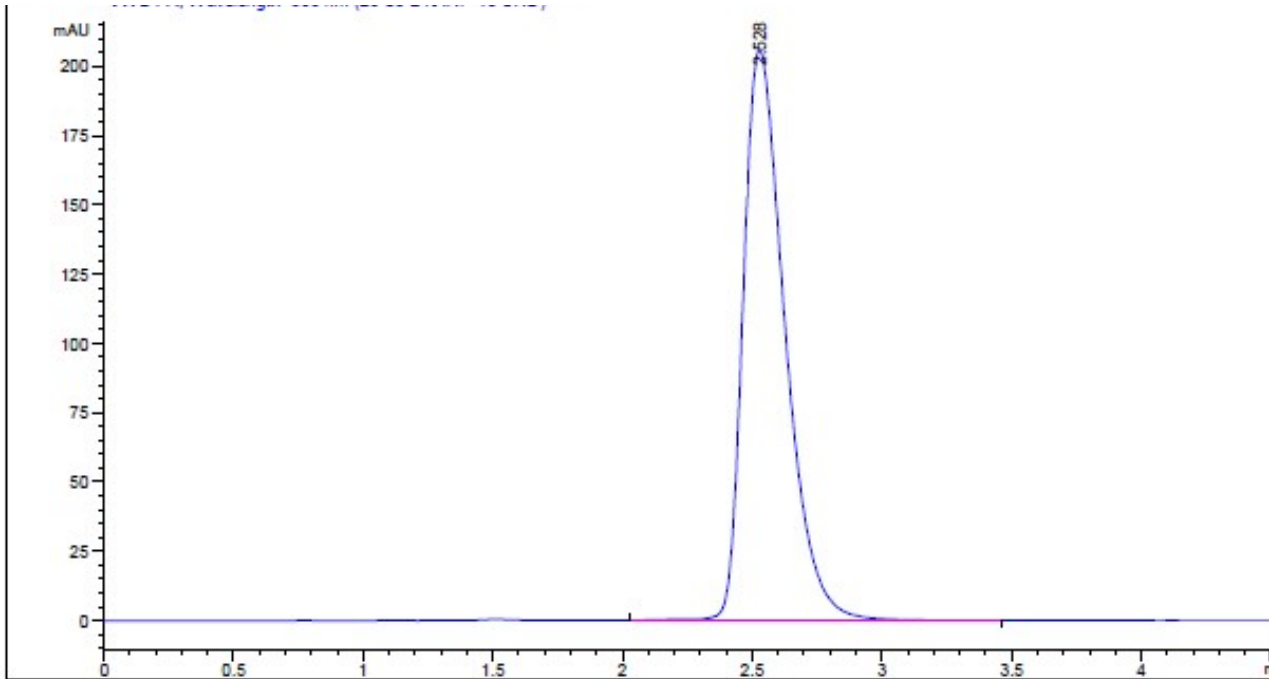
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Area Percent Report
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Dilution : 1.0000
Sample Amount: : 8.200000000e-3 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.526	BB	0.1720	2282.26343	205.20845	100.0000

HPLC Chromatogram of 5g



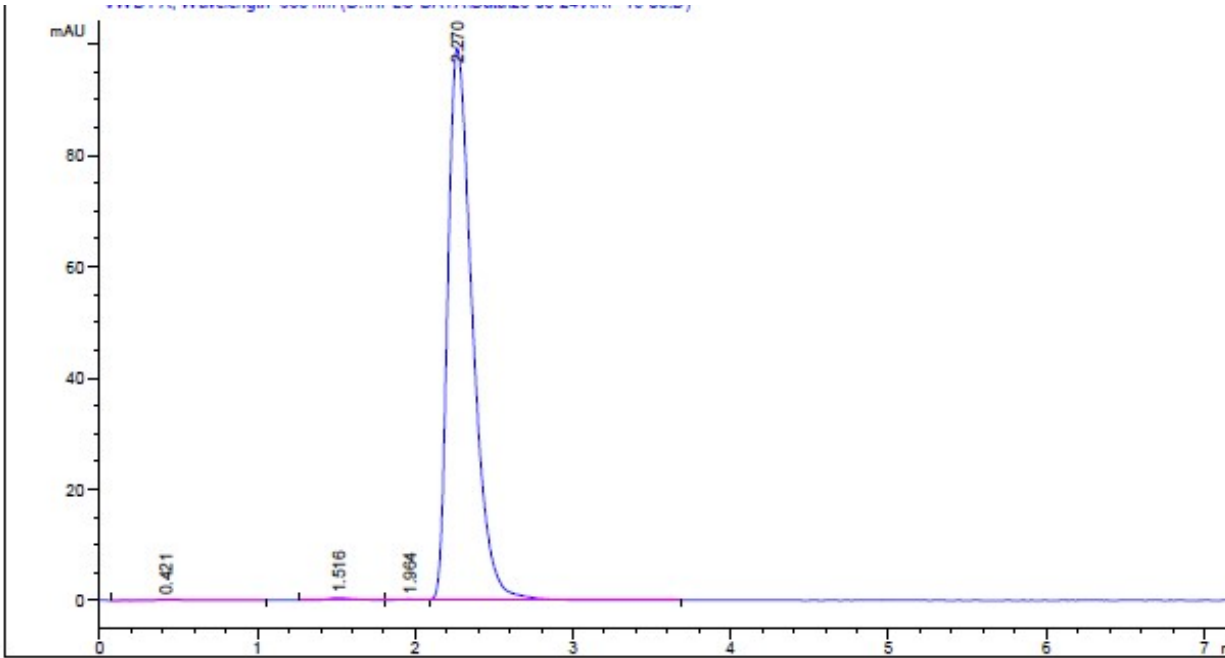
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.110000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.528	BB	0.1710	2296.52808	205.73788	100.0000

HPLC Chromatogram of 5h



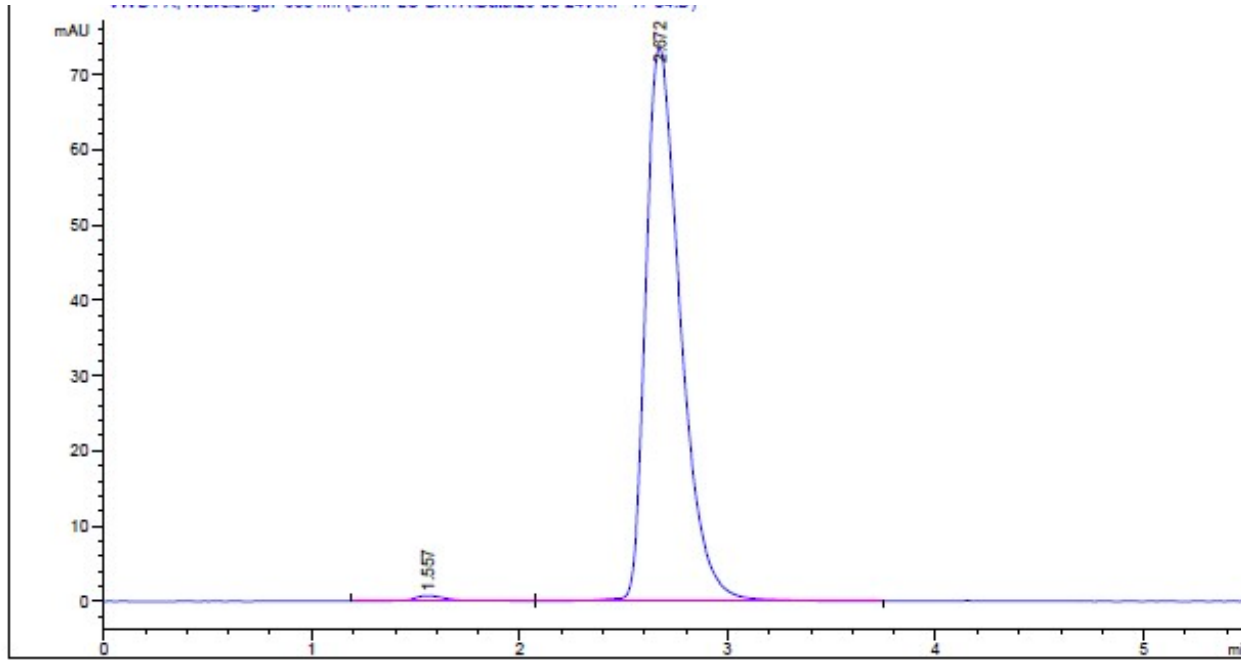
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Area Percent Report
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Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 1.270000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	0.421	BB	0.2883	2.91738	0.2698	?
2	1.516	BV E	0.1713	5.08927	0.4707	?
3	1.964	VV E	0.1738	2.01790	0.1866	?
4	2.270	VB R	0.1670	1071.29163	99.0729	?

HPLC Chromatogram of 5i



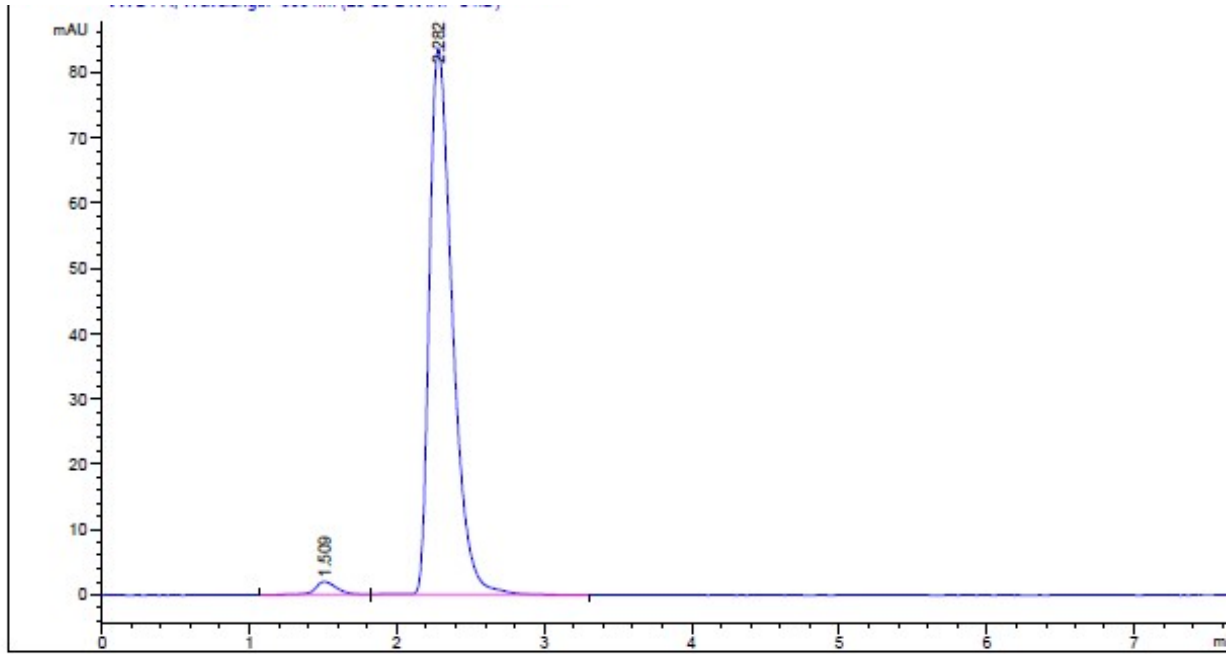
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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : Saturday, October 29, 2022 12:16:02 PM
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 7.500000000e-3 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.557	BB	0.1602	7.64533	0.8922	?
2	2.672	BB	0.1772	849.25317	99.1078	?

HPLC Chromatogram of 5j



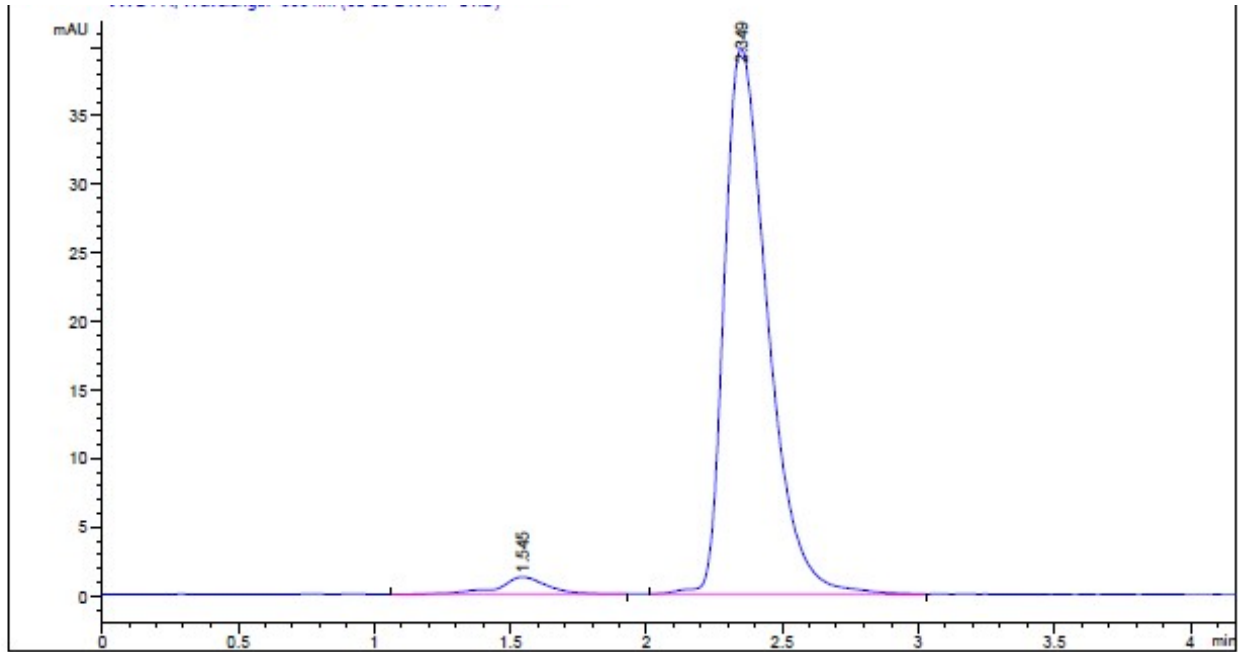
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.509	BB	0.1558	20.22128	1.95225	2.1847
2	2.282	VB R	0.1670	905.36340	83.68923	97.8153

HPLC Chromatogram of 5k



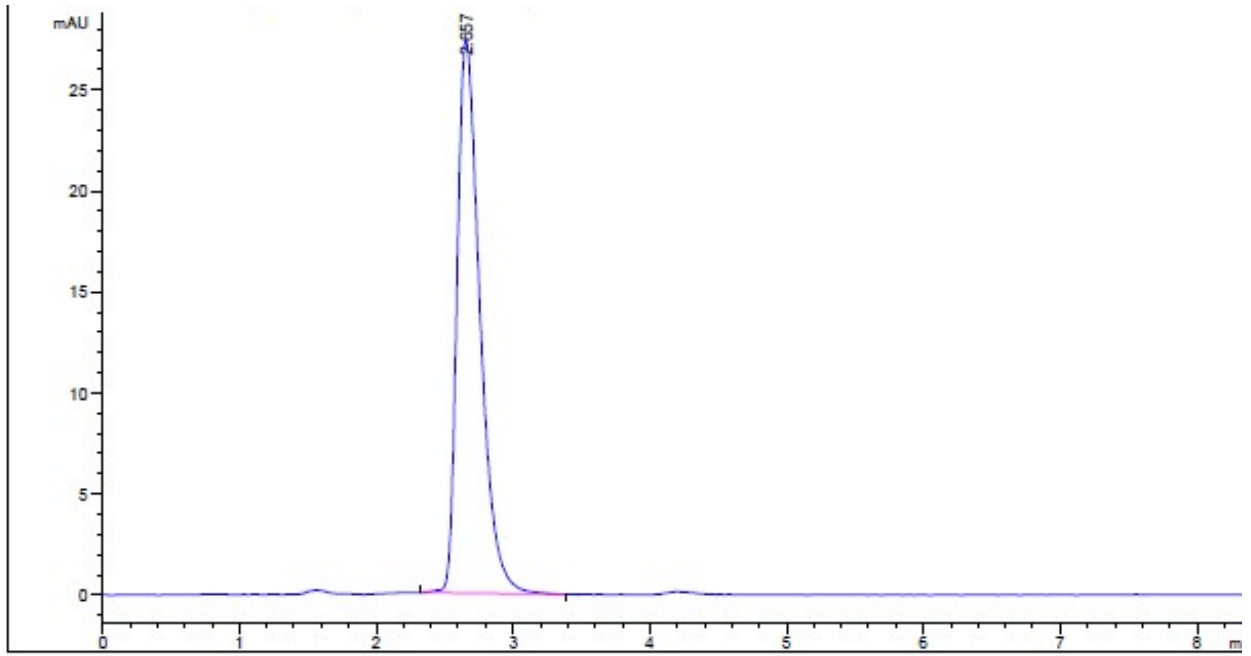
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.545	BB	0.1776	15.43735	1.23704	3.3910
2	2.349	BB	0.1698	439.80975	39.76856	96.6090

HPLC Chromatogram of 5I



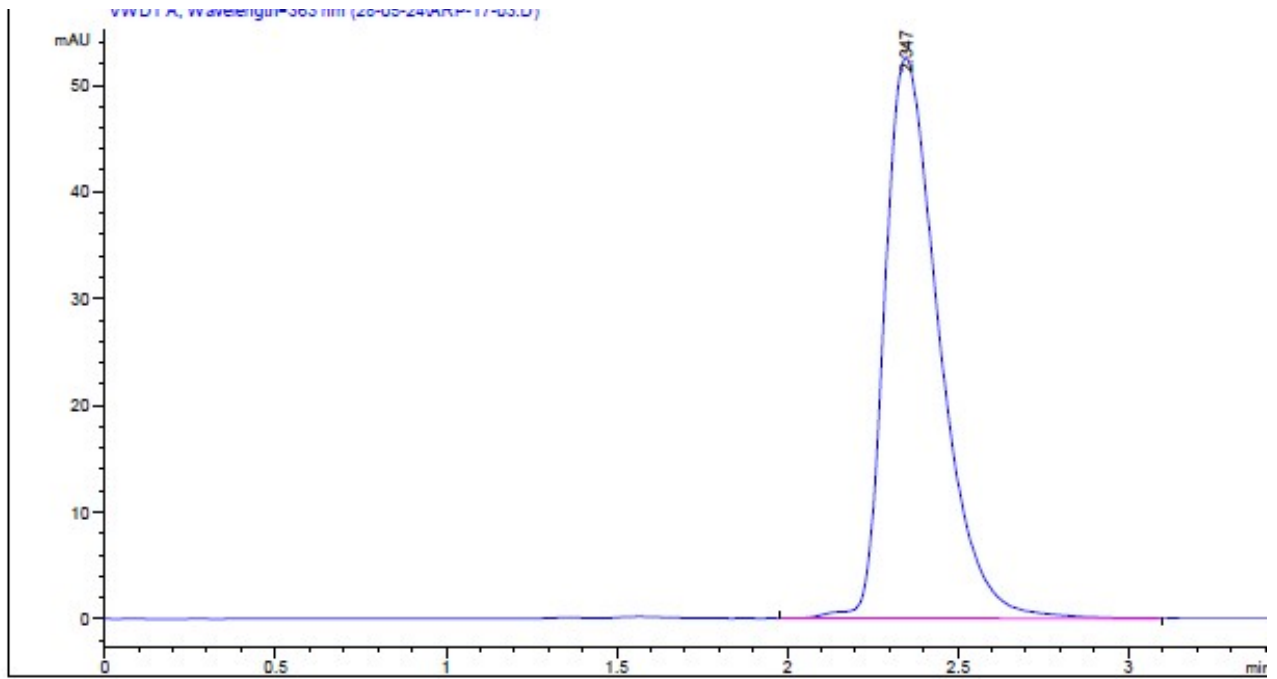
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Area Percent Report
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Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.020000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.657	BB	0.1779	317.86496	27.34015	100.0000

HPLC Chromatogram of 5m



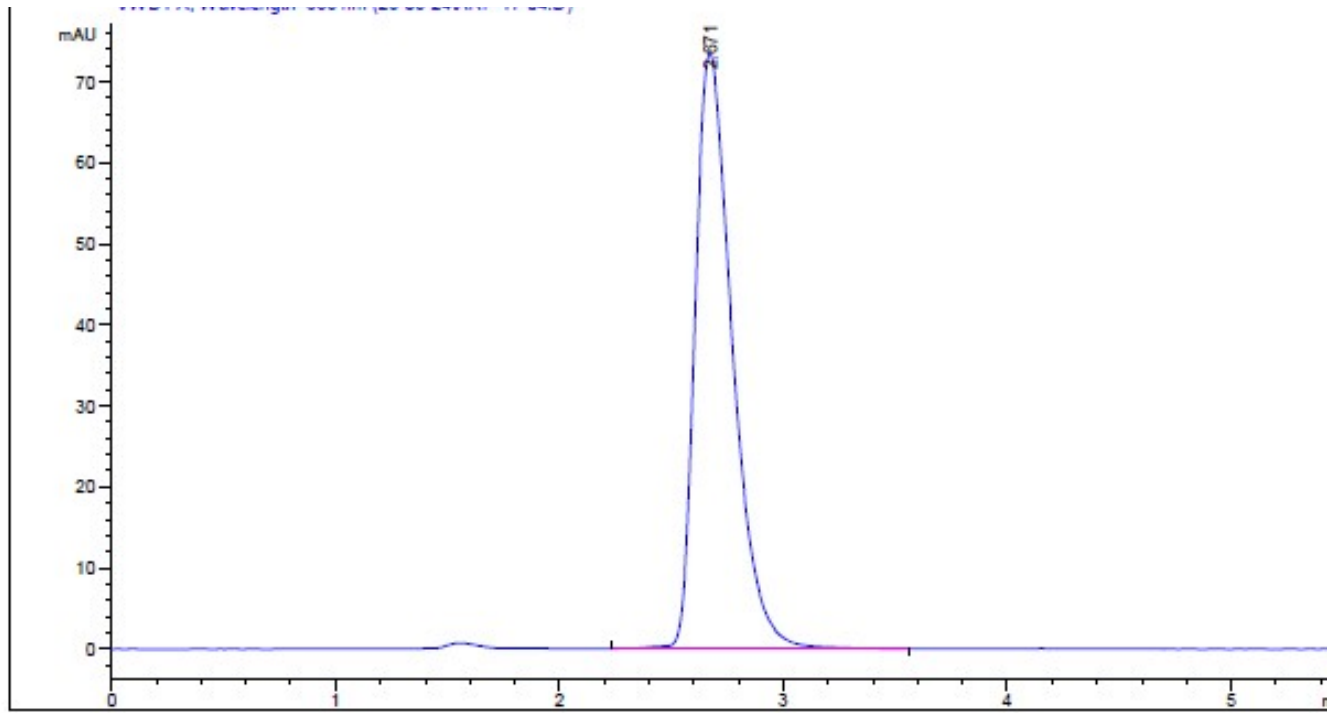
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.200000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.347	BB	0.1702	582.60956	52.51455	100.0000

HPLC Chromatogram of 5n



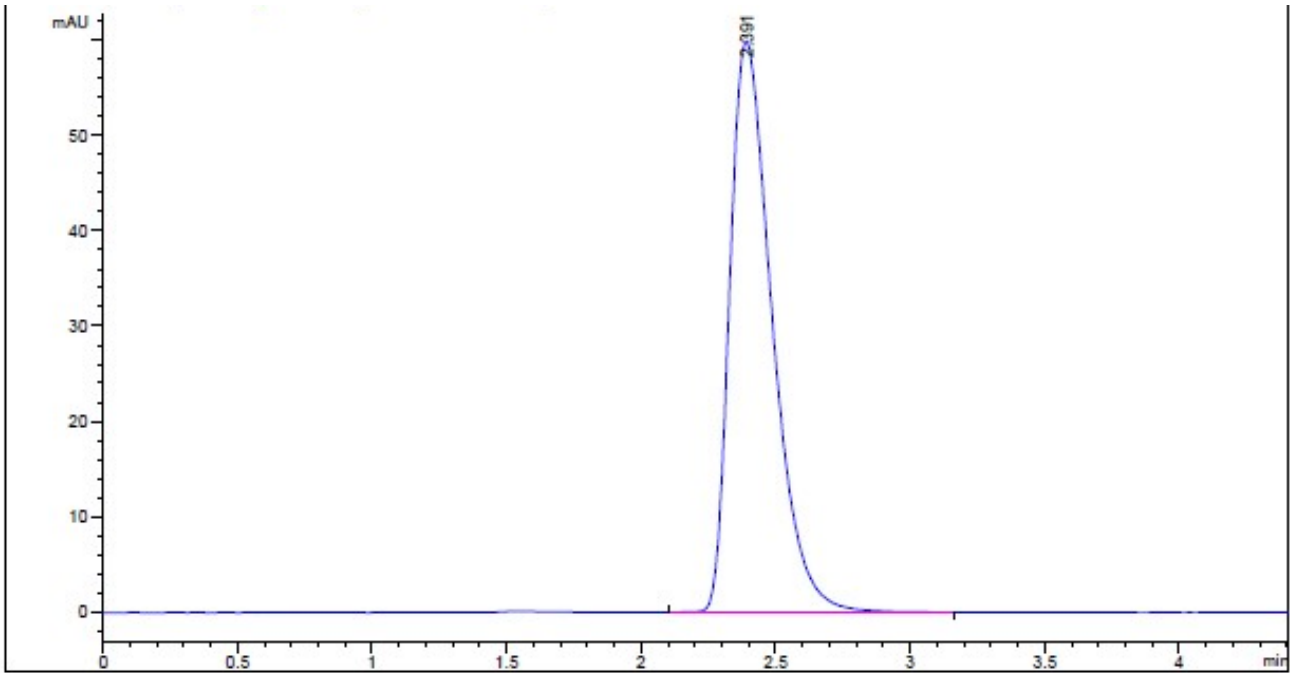
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 7.500000000e-3 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.671	BB	0.1770	848.03119	73.42719	100.0000

HPLC Chromatogram of 5o



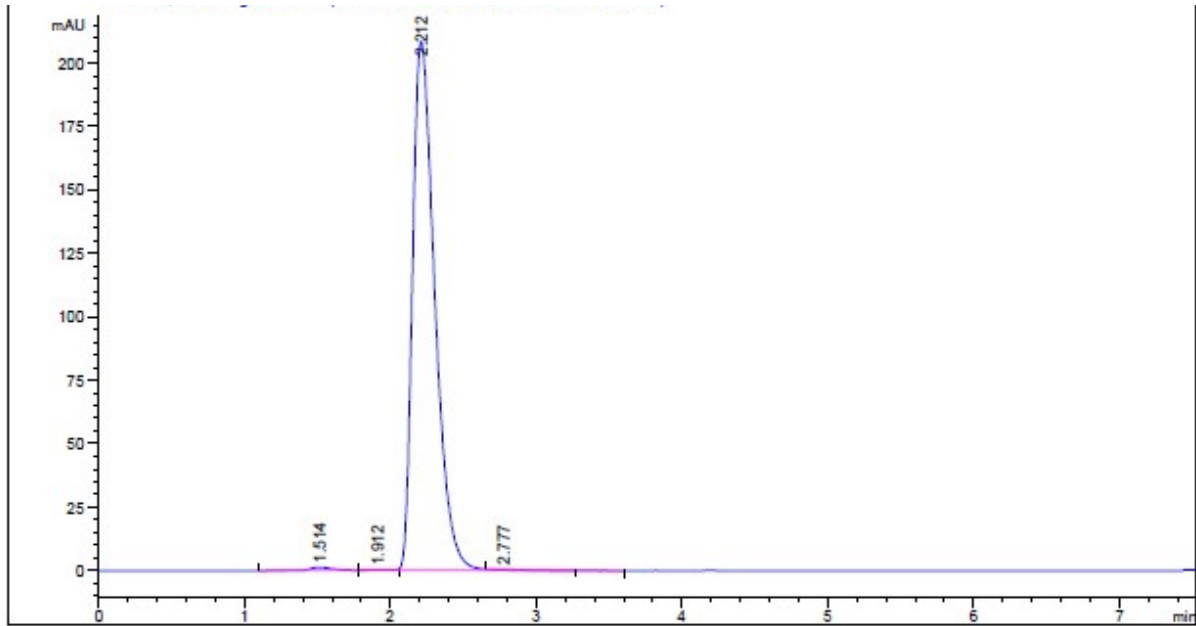
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.550000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.391	BB	0.1684	654.65875	59.83065	100.0000

HPLC Chromatogram of 5p



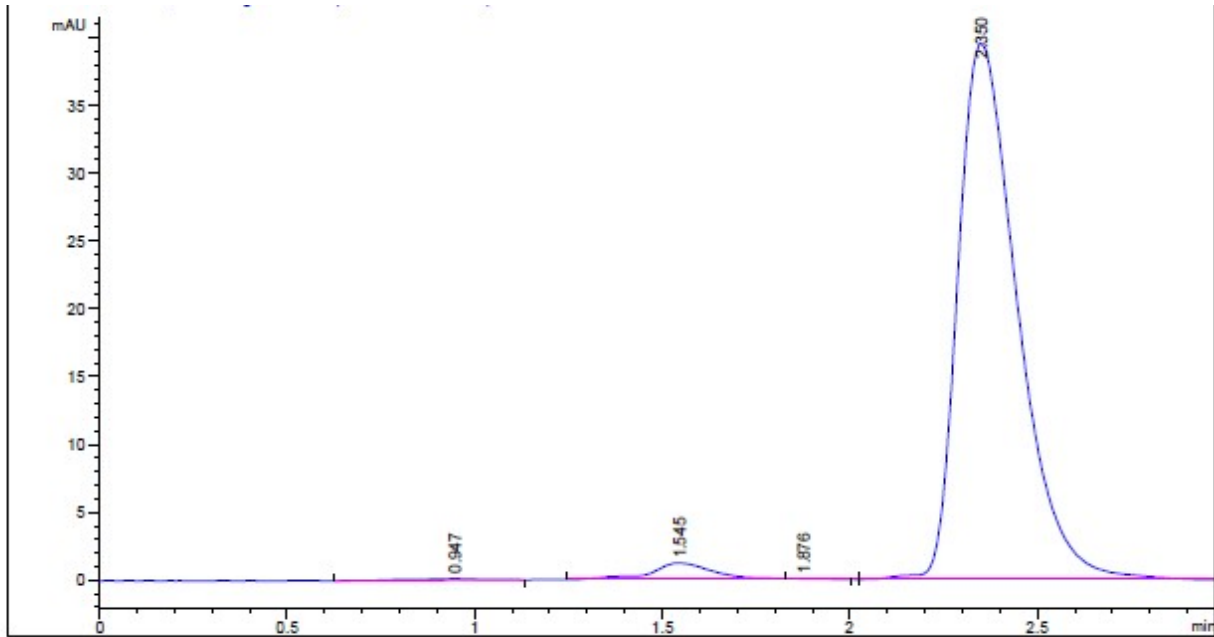
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Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : Saturday, October 29, 2022 12:16:02 PM
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 9.300000000e-3 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.514	VB R	0.1598	13.14060	0.5927	?
2	1.912	BV E	0.1513	2.56966	0.1159	?
3	2.212	VW R	0.1639	2197.85620	99.1341	?
4	2.777	VB E	0.1909	3.48621	0.1572	?

HPLC Chromatogram of 5q



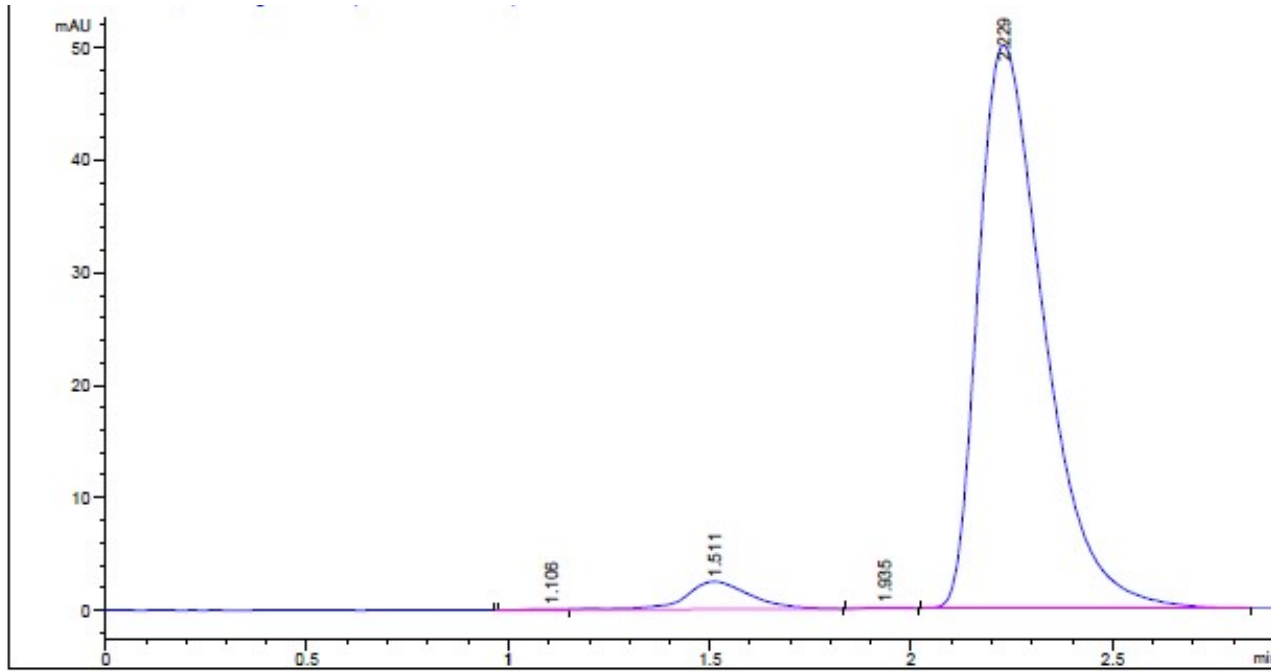
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	0.947	BB	0.1683	1.46076	1.09802e-1	0.3241
2	1.545	BV R	0.1740	14.21573	1.20553	3.1536
3	1.876	VB E	0.0895	2.31827e-1	3.54070e-2	0.0514
4	2.350	BBA	0.1692	434.87039	39.51648	96.4709

HPLC Chromatogram of 5r



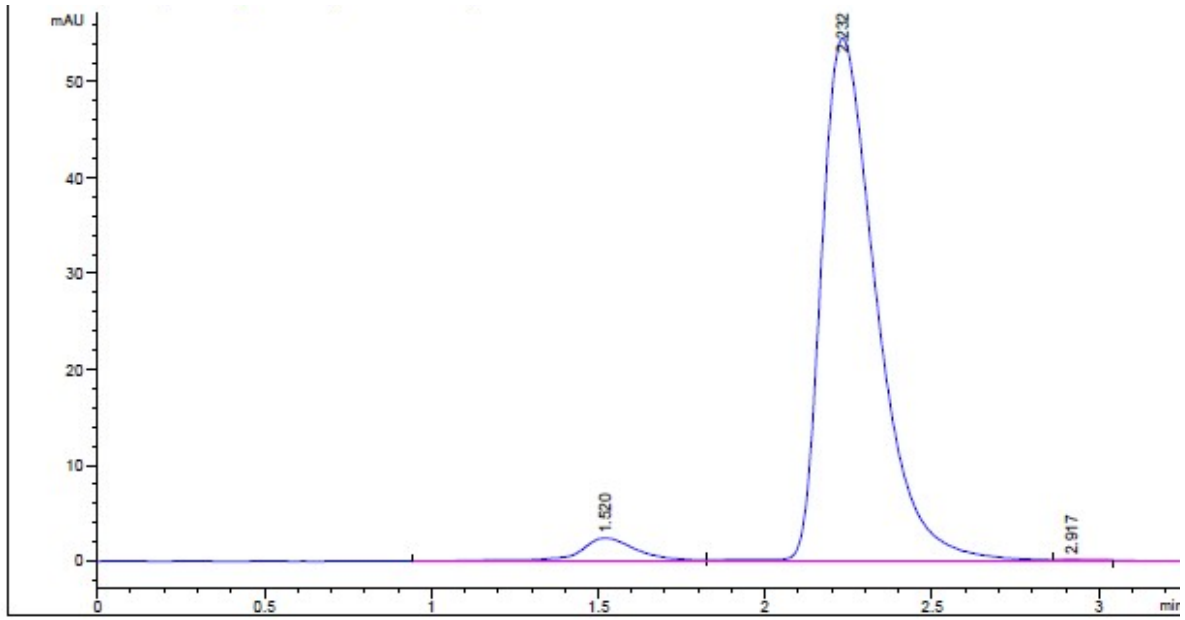
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Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.106	BV E	0.0676	2.11958e-1	4.19920e-2	0.0356
2	1.511	VB R	0.1709	27.47318	2.43577	4.6107
3	1.935	BB	0.0912	3.57638e-1	5.05888e-2	0.0600
4	2.229	BB	0.1746	567.81067	50.03132	95.2937

HPLC Chromatogram of 5s



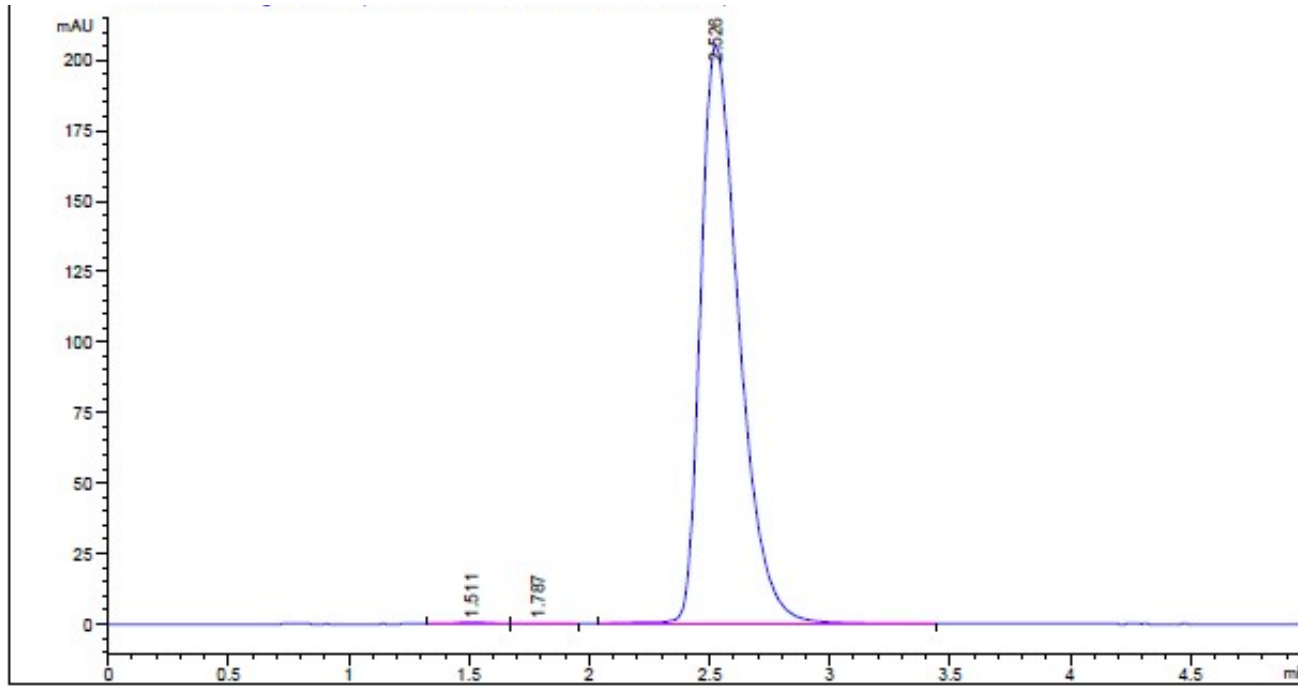
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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.520	BV	0.1839	29.44141	2.39994	4.4887
2	2.232	VV R	0.1762	626.23914	54.54214	95.4779
3	2.917	VBAE	0.0833	2.18824e-1	3.49065e-2	0.0334

HPLC Chromatogram of 5t



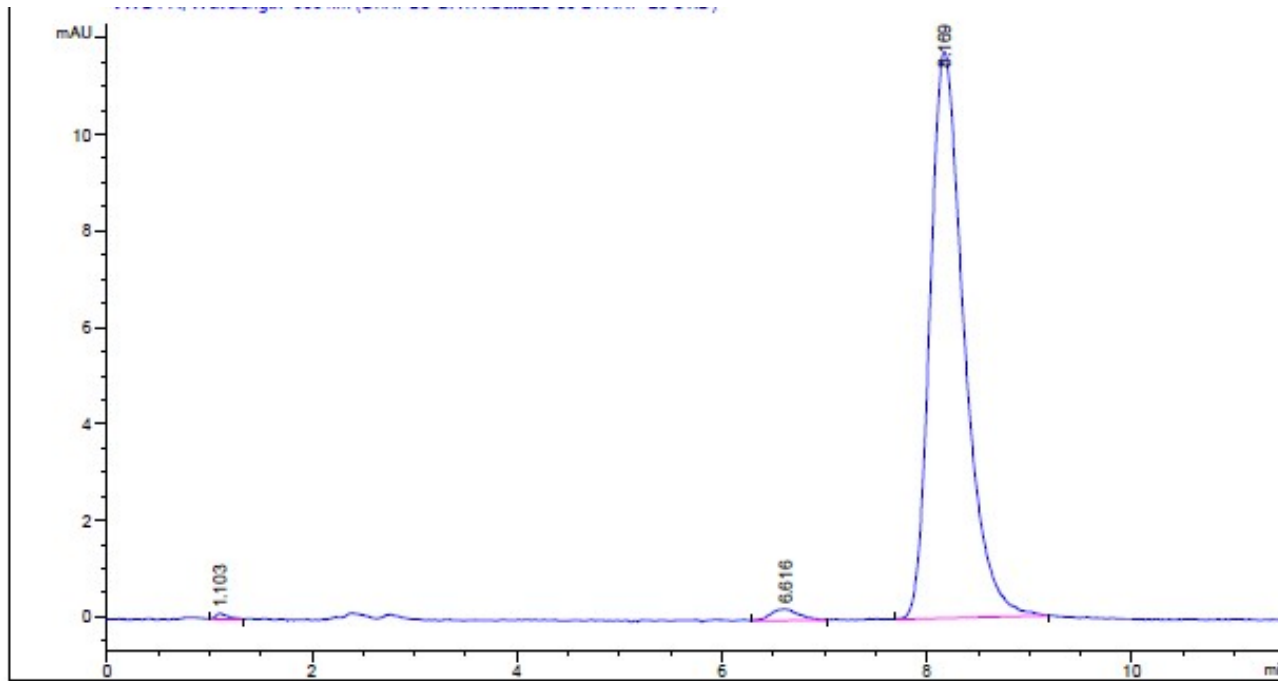
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 Area Percent Report
 =====

Sorted By : Signal
 Calib. Data Modified : Saturday, October 29, 2022 12:16:02 PM
 Multiplier : 1.0000
 Dilution : 1.0000
 Sample Amount: : 8.200000000e-3 [ng/ul] (not used in calc.)
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.511	BV	0.1298	4.07202	0.1780	?
2	1.787	VB	0.1132	7.68598e-1	0.0336	?
3	2.526	BB	0.1720	2282.26343	99.7884	?

HPLC Chromatogram of 6a



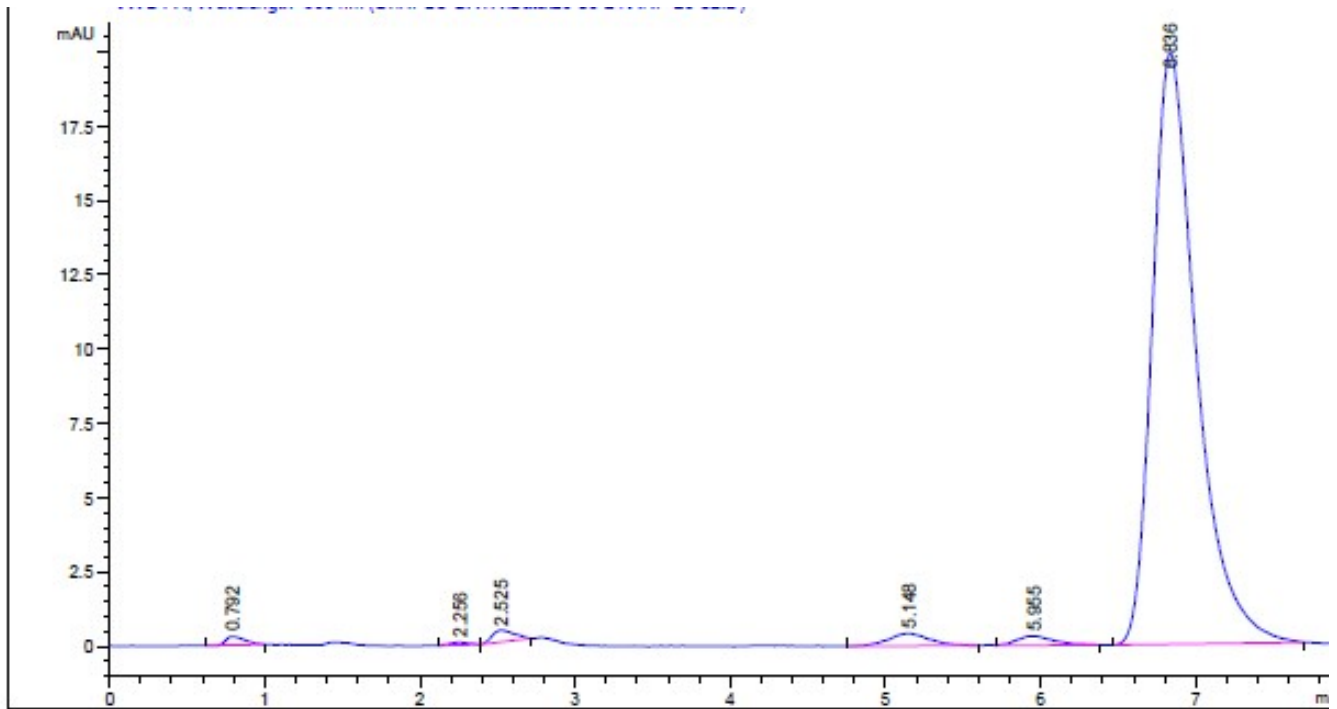
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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : Saturday, October 29, 2022 12:16:02 PM
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.040000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.103	BB	0.1117	9.09075e-1	0.3291	?
2	6.616	BB	0.2333	4.40424	1.5946	?
3	8.169	BB	0.3508	270.88400	98.0763	?

HPLC Chromatogram of 6b



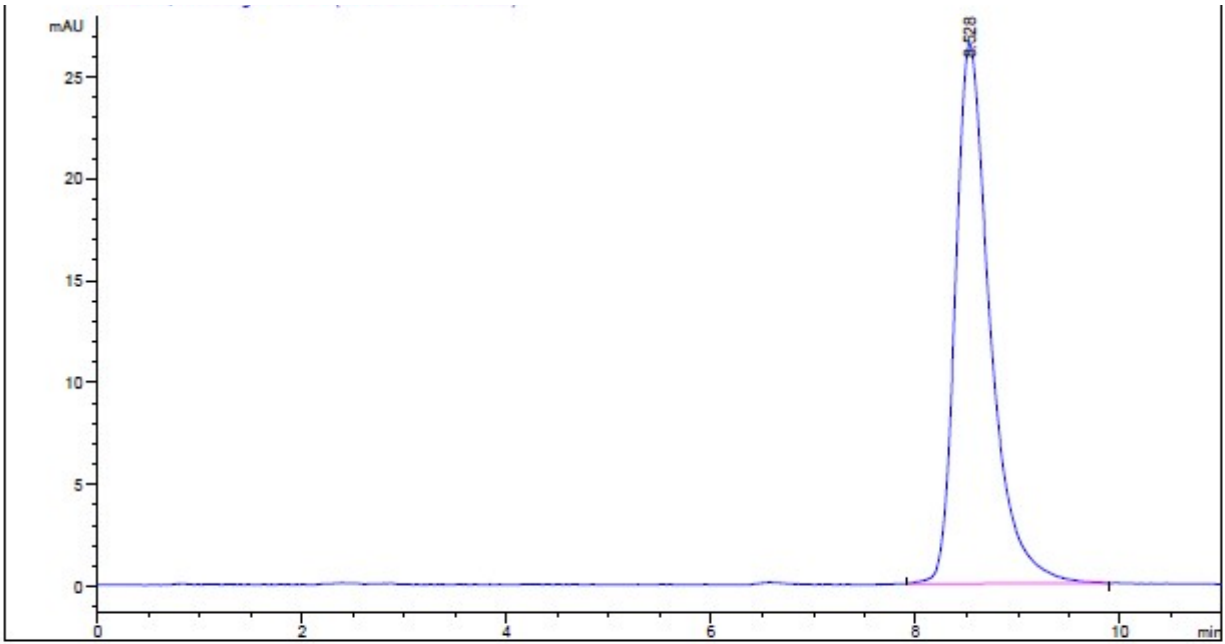
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 Area Percent Report
 =====

Sorted By : Signal
 Calib. Data Modified : Saturday, October 29, 2022 12:16:02 PM
 Multiplier : 1.0000
 Dilution : 1.0000
 Sample Amount : 6.900000000e-3 [ng/ul] (not used in calc.)
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	0.792	BB	0.1295	2.56449	0.6211	?
2	2.256	BB	0.1182	8.31655e-1	0.2014	?
3	2.525	BB	0.1408	3.83381	0.9285	?
4	5.148	BB	0.2439	7.96755	1.9296	?
5	5.955	BB	0.2071	5.27597	1.2777	?
6	6.836	BB	0.2969	392.44431	95.0418	?

HPLC Chromatogram of 6c



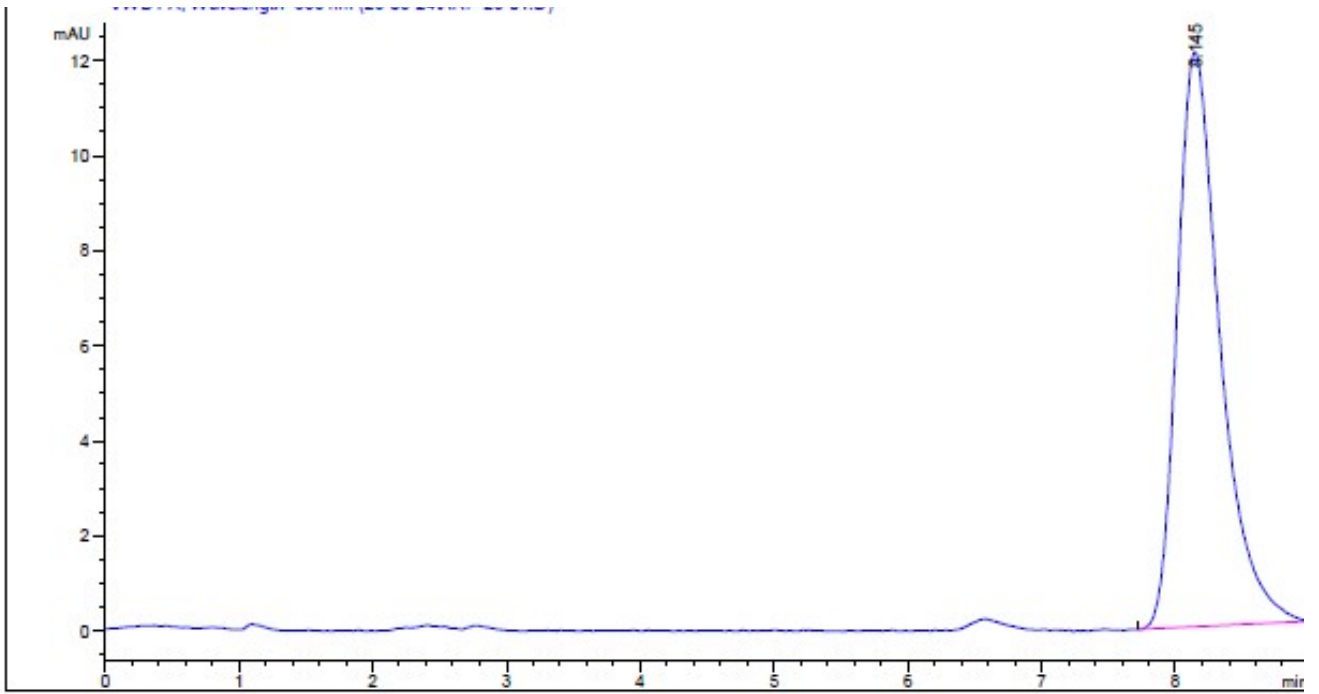
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Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 9.700000000e-3 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	8.528	BB	0.3523	624.71893	26.49245	100.0000

HPLC Chromatogram of 6d



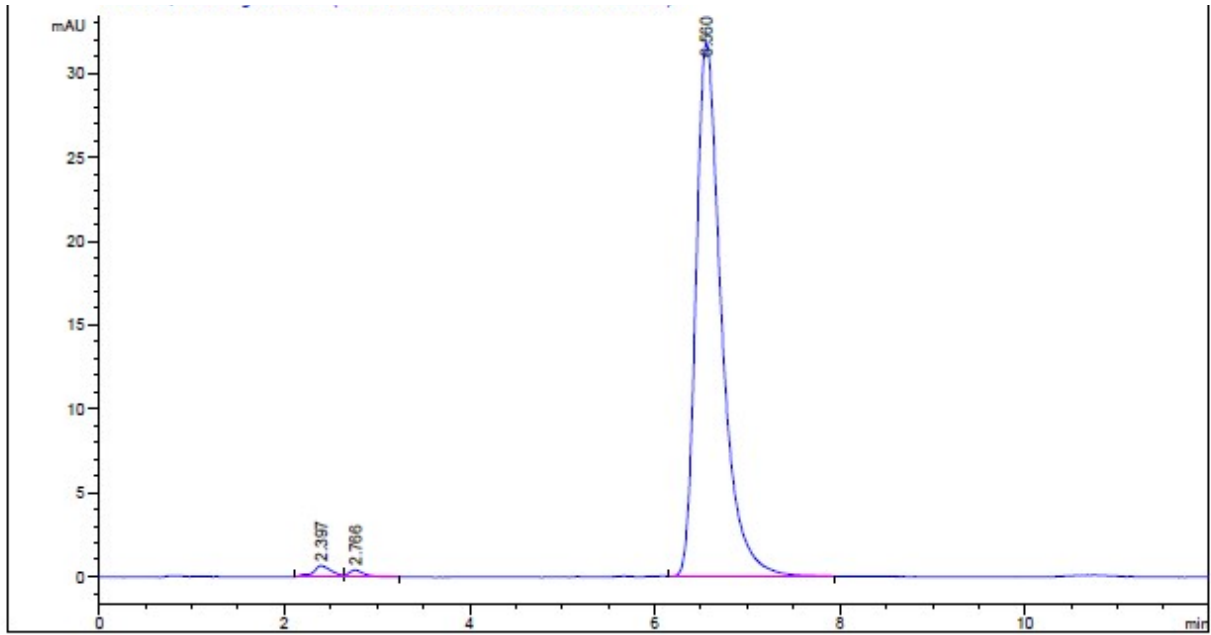
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.040000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	8.145	BBA	0.3349	269.95401	12.08498	100.0000

HPLC Chromatogram of 6e



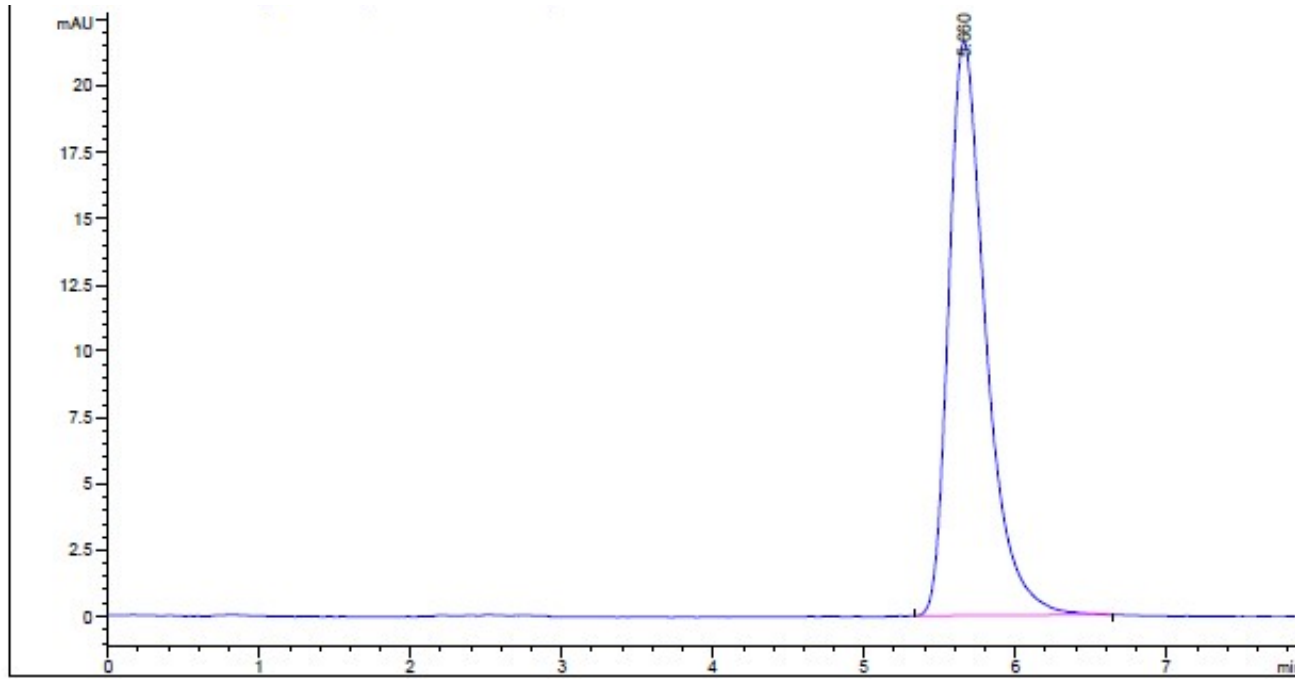
=====
Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : Saturday, October 29, 2022 12:16:02 PM
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 1.840000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.397	BV	0.2031	9.32769	1.4929	?
2	2.766	VB	0.1856	4.80218	0.7686	?
3	6.560	BB	0.2908	610.66272	97.7385	?

HPLC Chromatogram of 6f



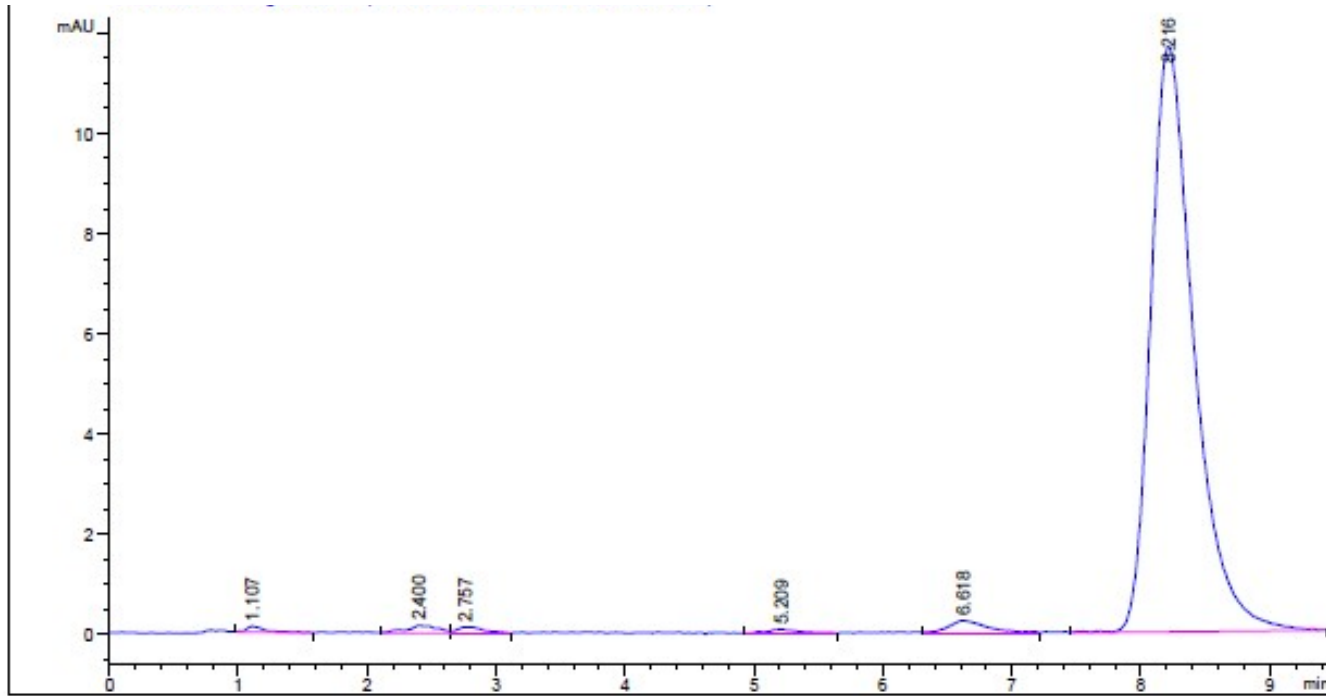
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.730000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.660	BB	0.2591	369.89682	21.64264	100.0000

HPLC Chromatogram of 6g



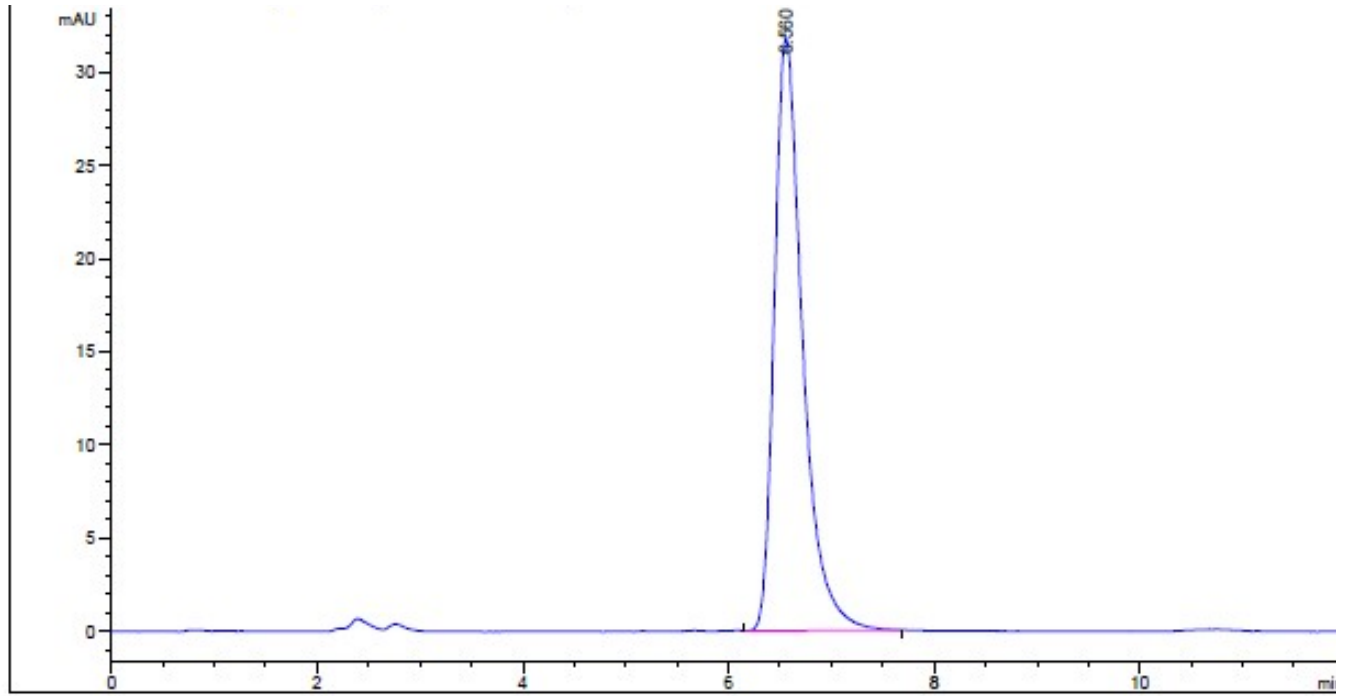
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.107	BB	0.1363	1.14370	1.12307e-1	0.4027
2	2.400	BV	0.2111	2.54070	1.50790e-1	0.8946
3	2.757	VB	0.1867	1.71308	1.20172e-1	0.6032
4	5.209	BB	0.2323	1.49381	8.22268e-2	0.5260
5	6.618	BB	0.2560	4.89367	2.42263e-1	1.7231
6	8.216	VBA	0.3503	272.22449	11.68885	95.8505

HPLC Chromatogram of 6g



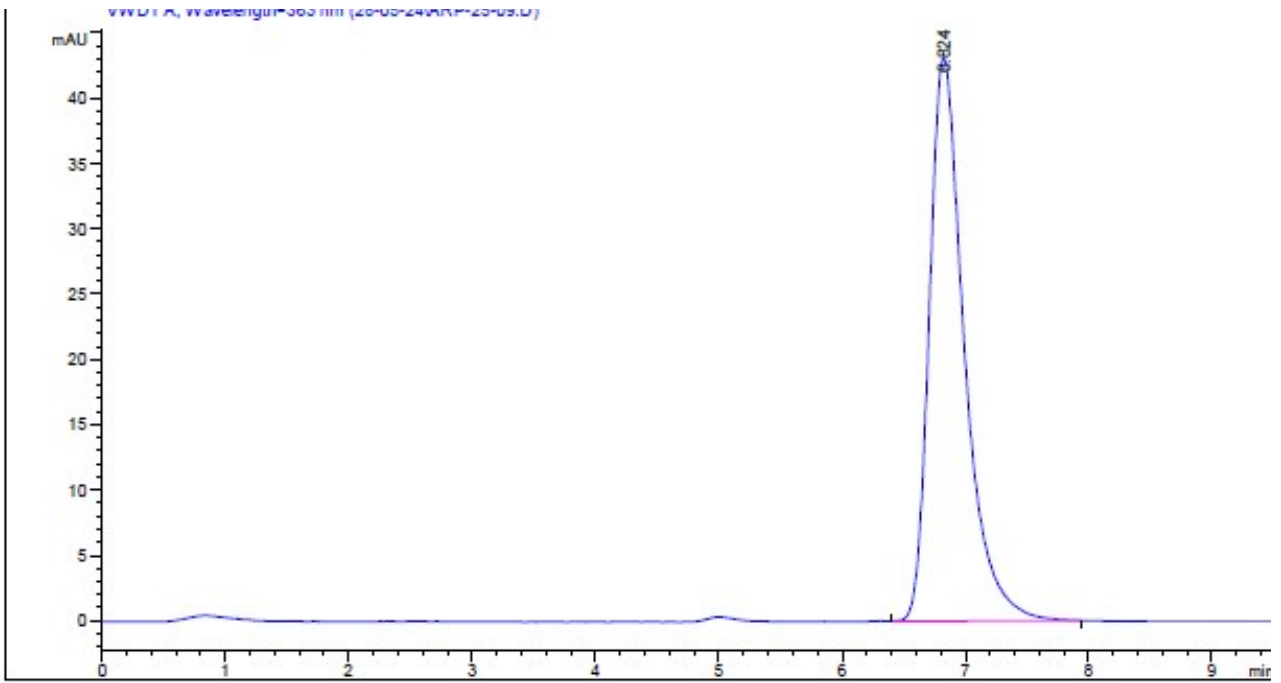
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.840000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.560	BB	0.2900	608.04944	31.81315	100.0000

HPLC Chromatogram of 6i



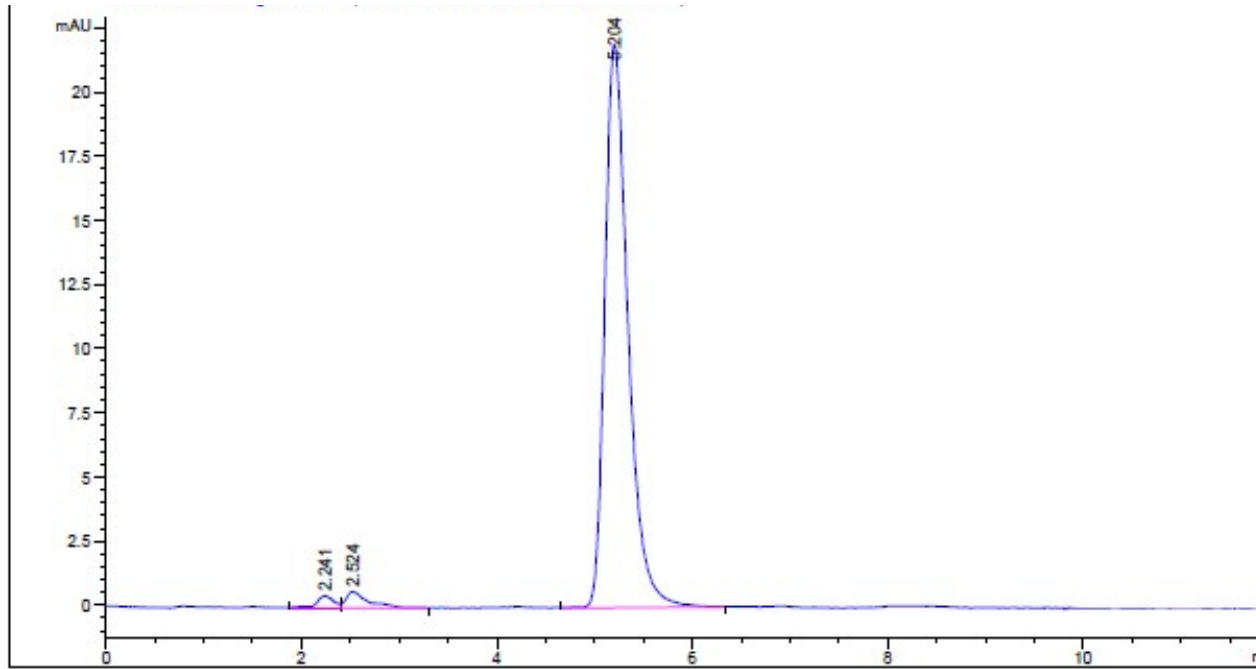
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount: : 1.310000000e-2 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.824	BB	0.2966	849.13531	43.13407	100.0000

HPLC Chromatogram of 6j



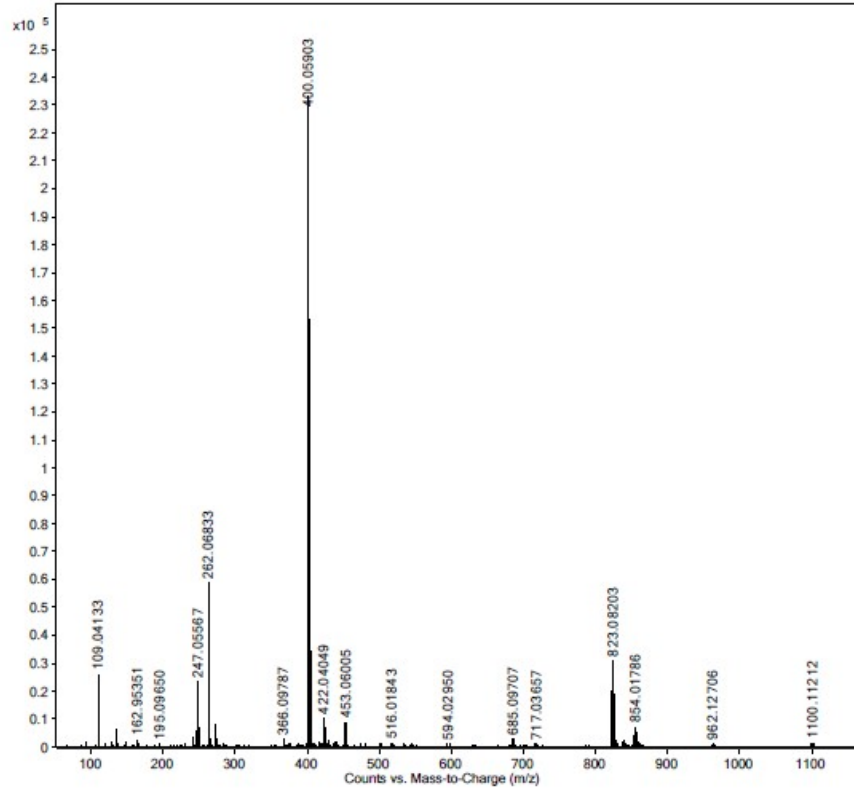
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

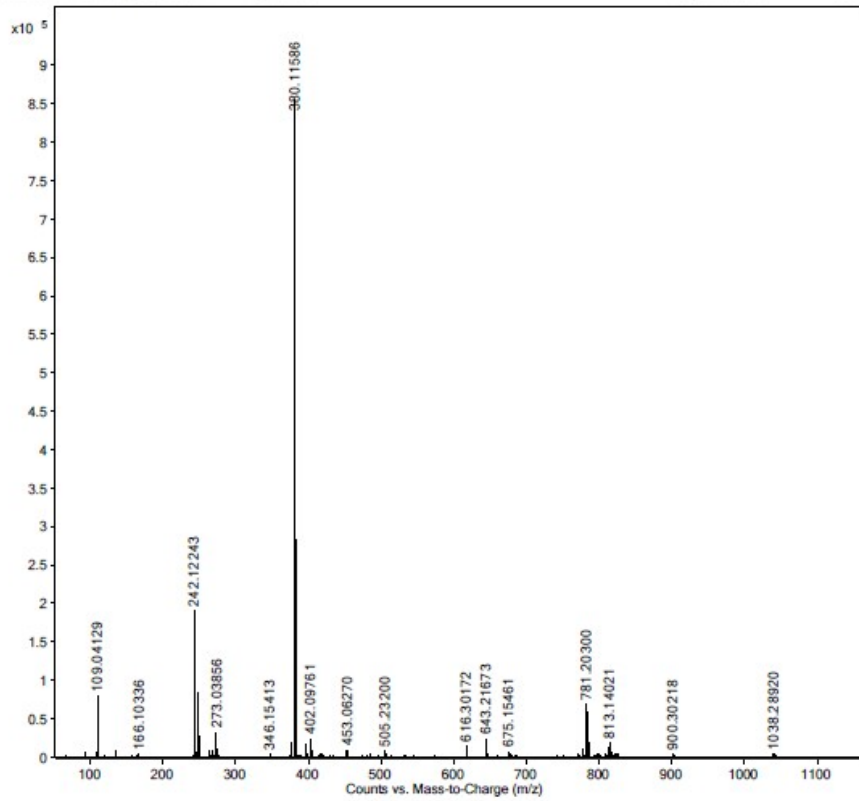
Signal 1: VWD1 A, Wavelength=363 nm

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.241	BV	0.1830	5.59402	4.68493e-1	1.4786
2	2.524	VB	0.2240	10.23359	6.31506e-1	2.7049
3	5.204	BB	0.2540	362.50720	21.93035	95.8165

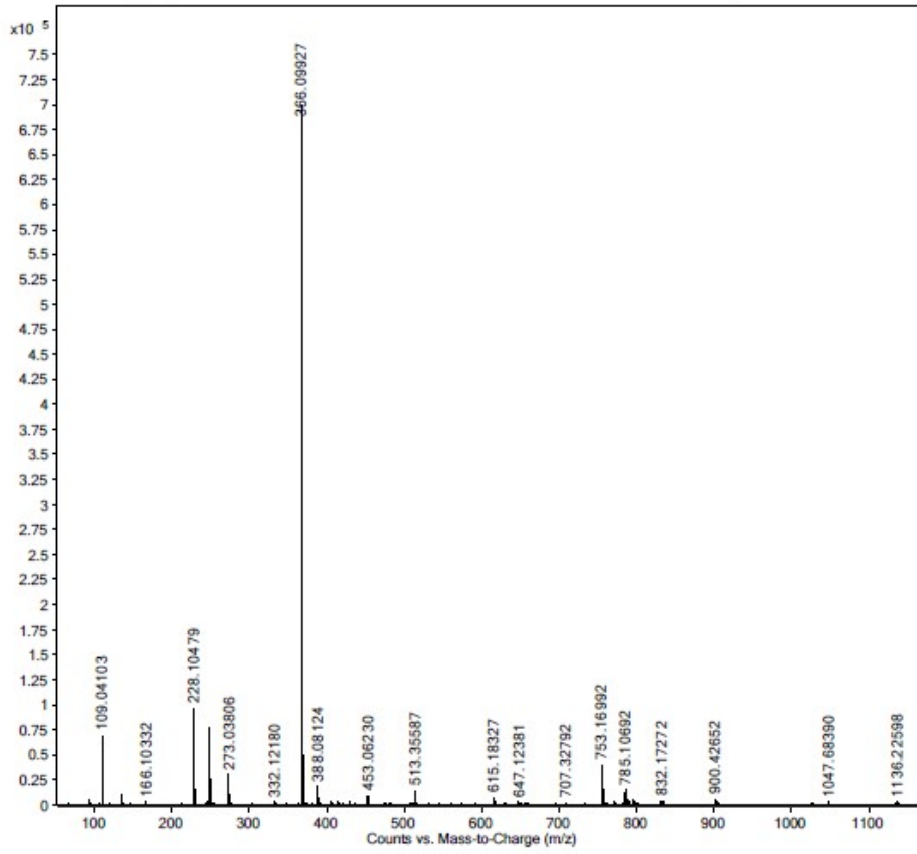
Mass Spectrum of 5a



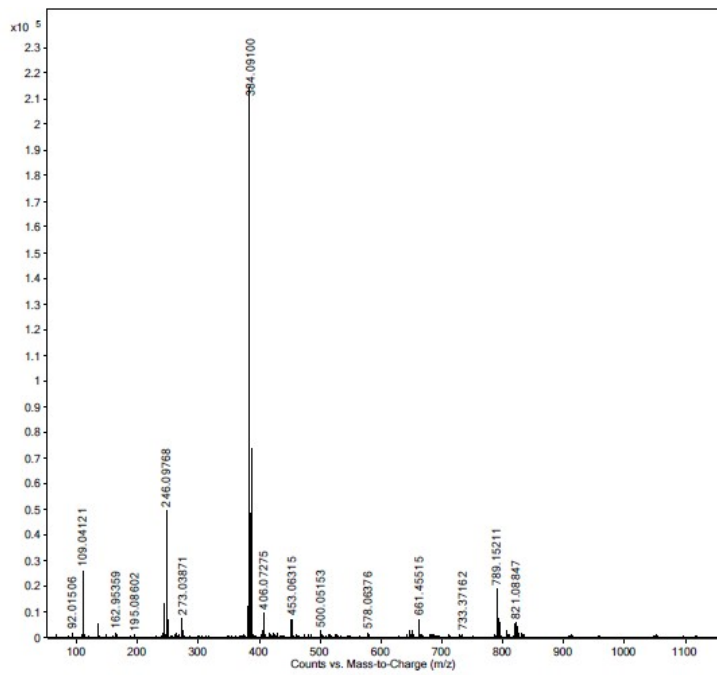
Mass Spectrum of 5b



Mass Spectrum of 5c



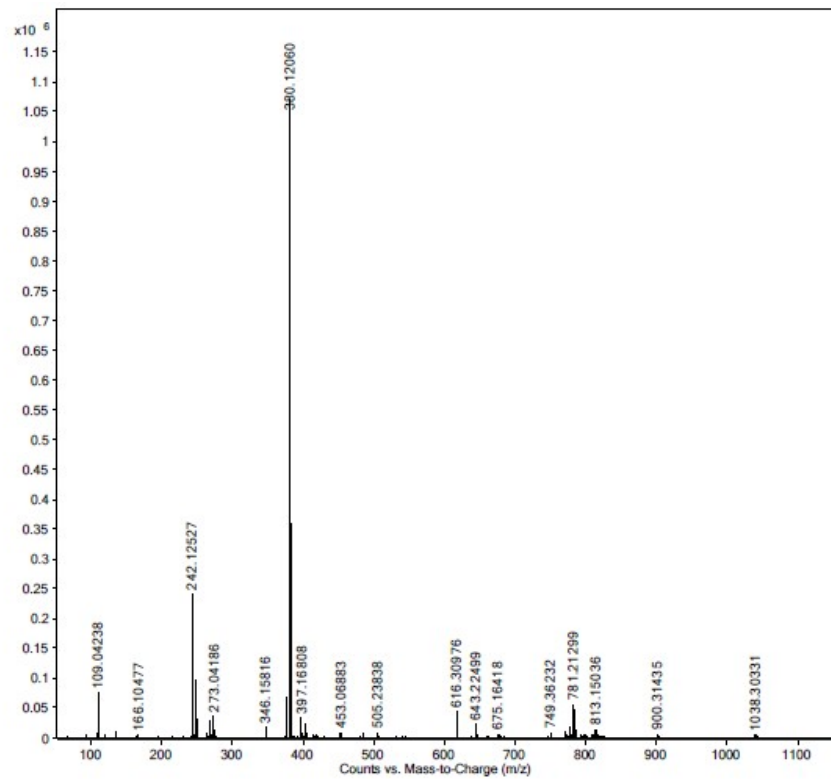
Mass Spectrum of 5d



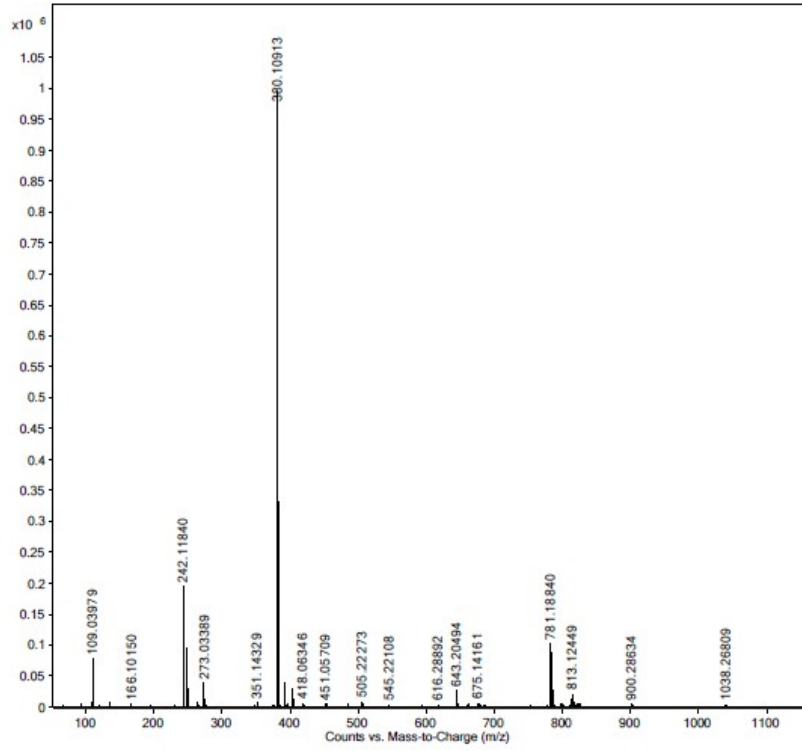
Mass Spectrum of 5e



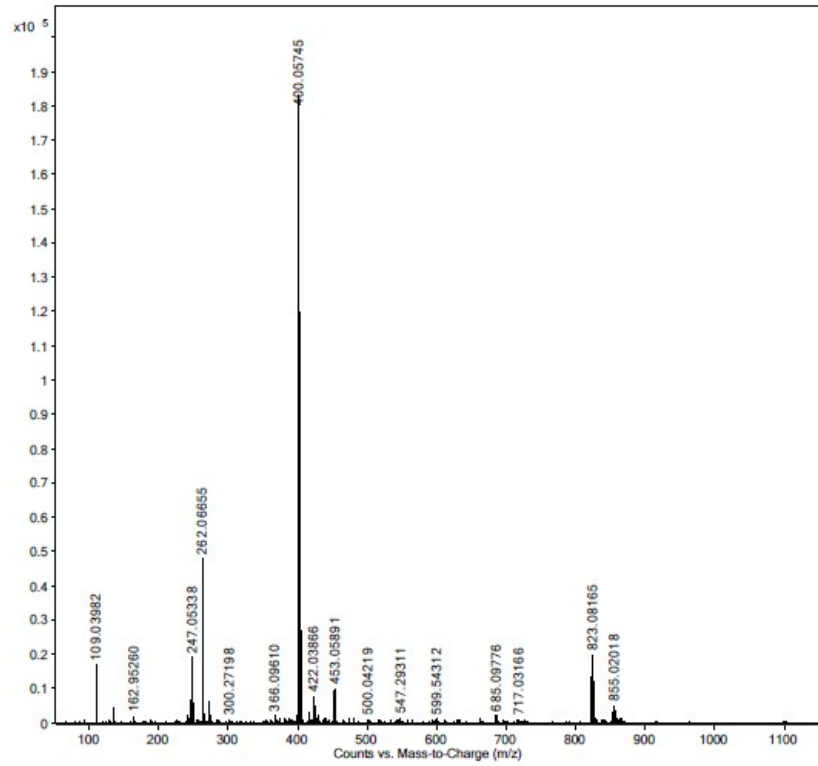
Mass Spectrum of 5f



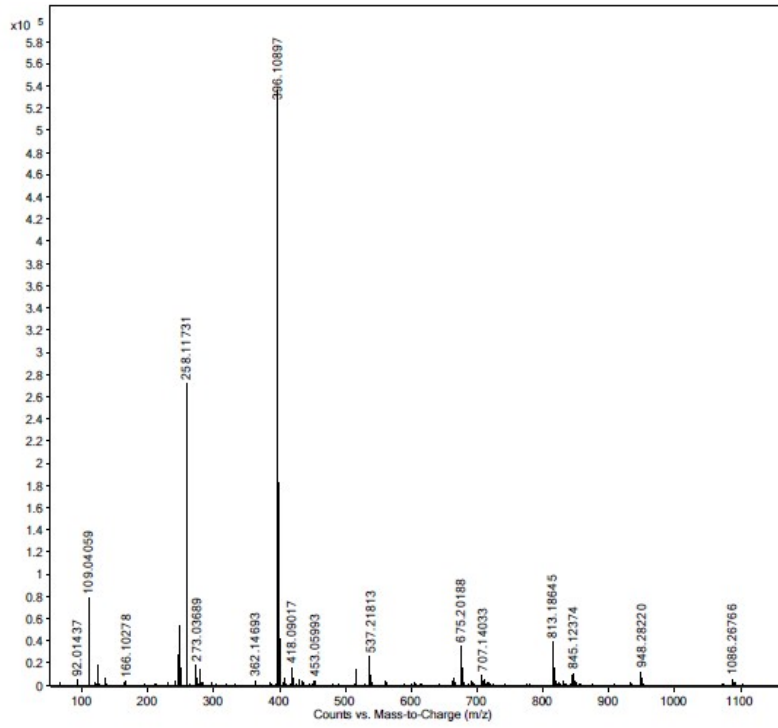
Mass Spectrum of 5g



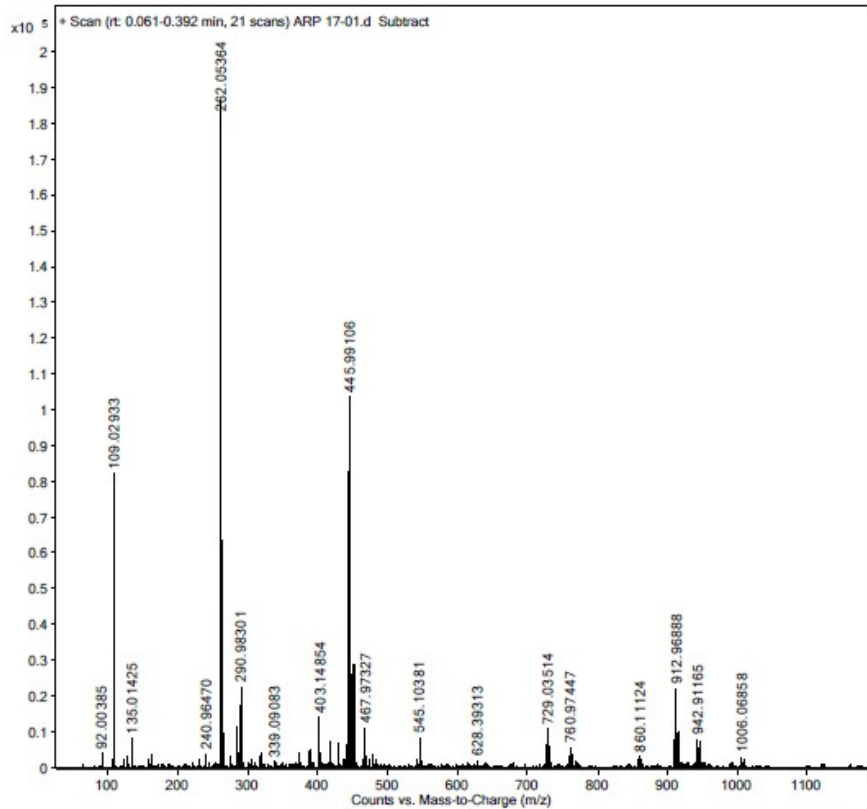
Mass Spectrum of 5h



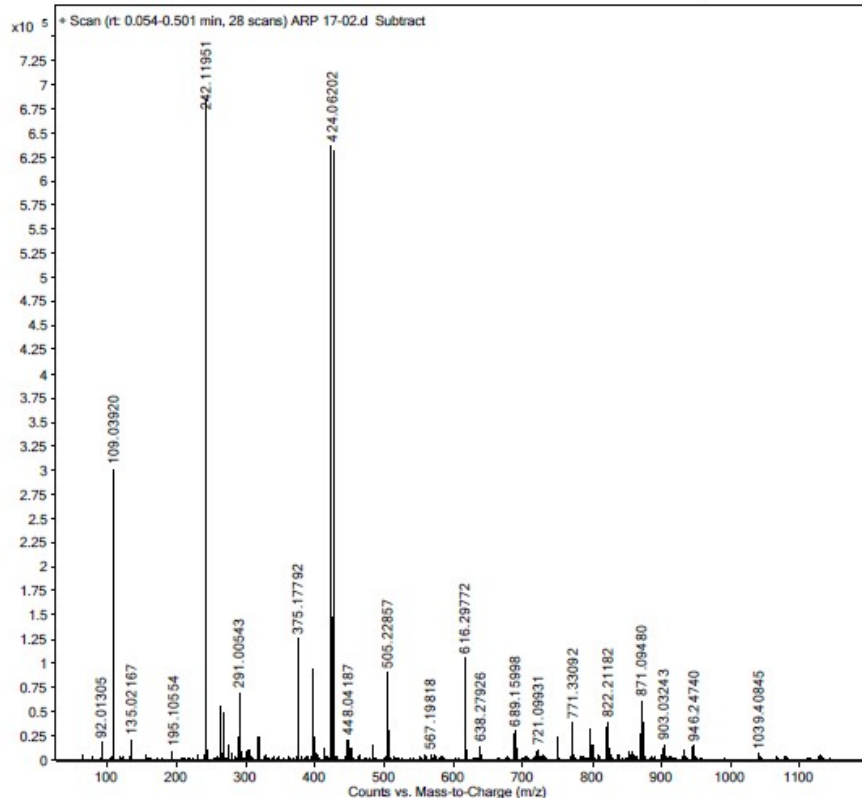
Mass Spectrum of 5i



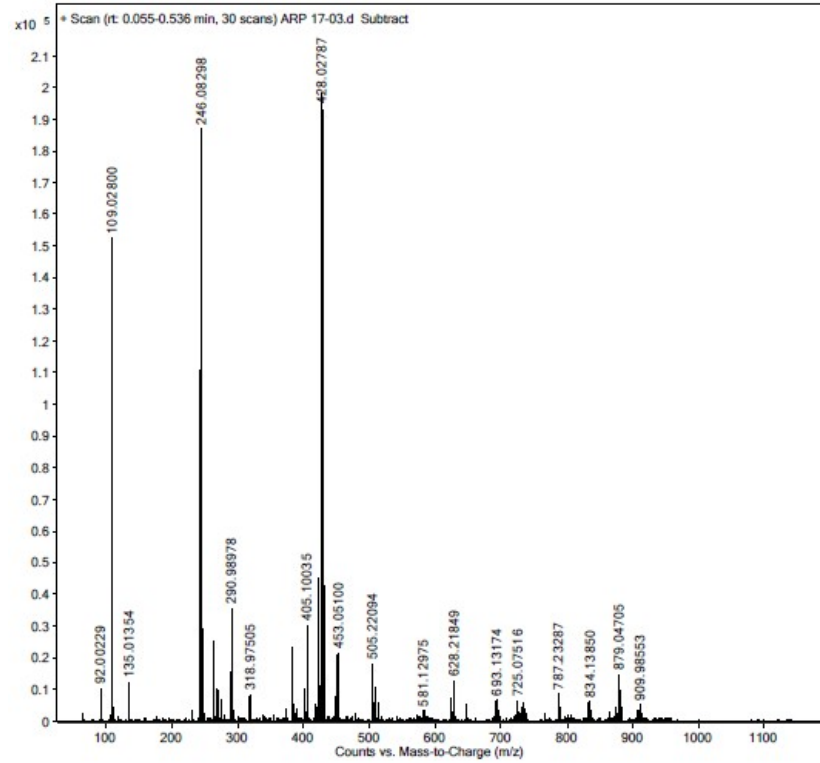
Mass Spectrum of 5k



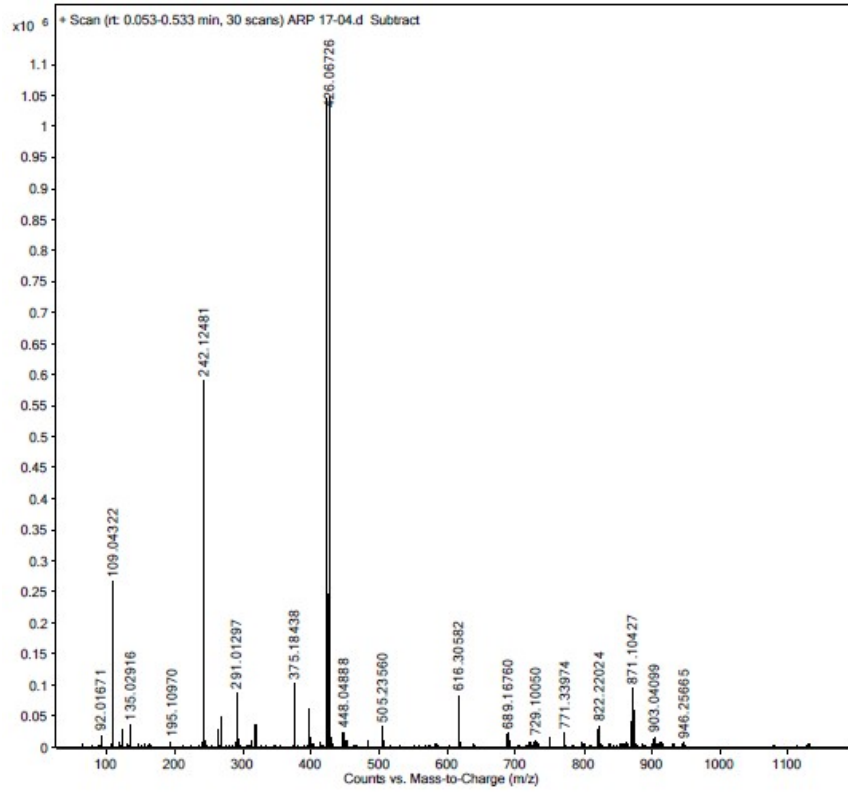
Mass Spectrum of 5l



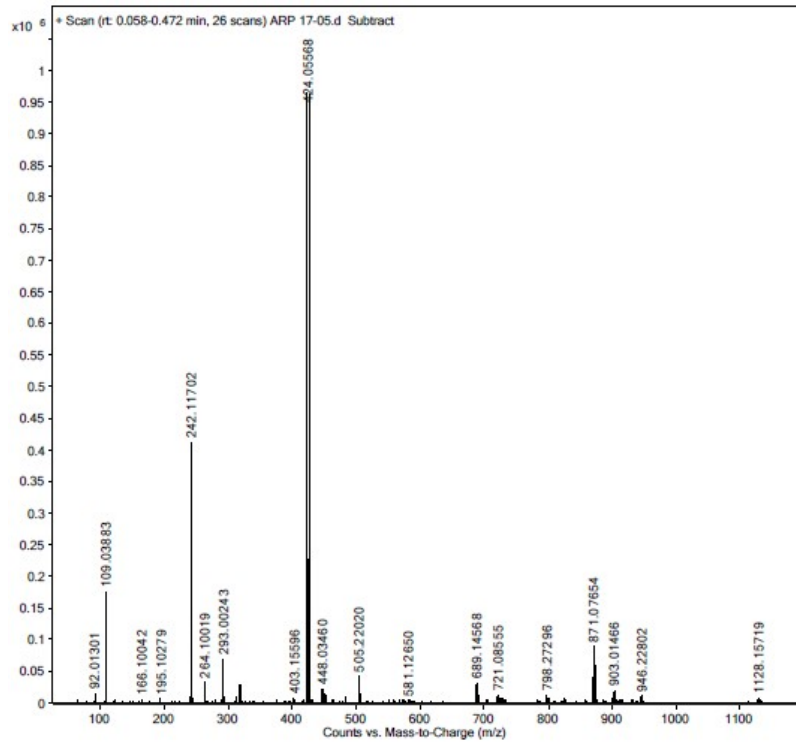
Mass Spectrum of 5m



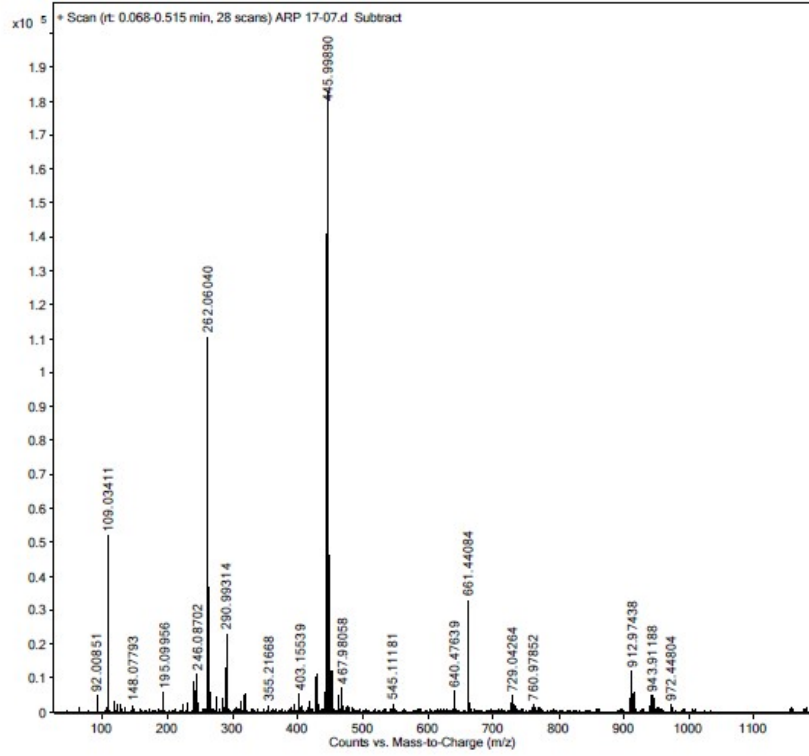
Mass Spectrum of 5n



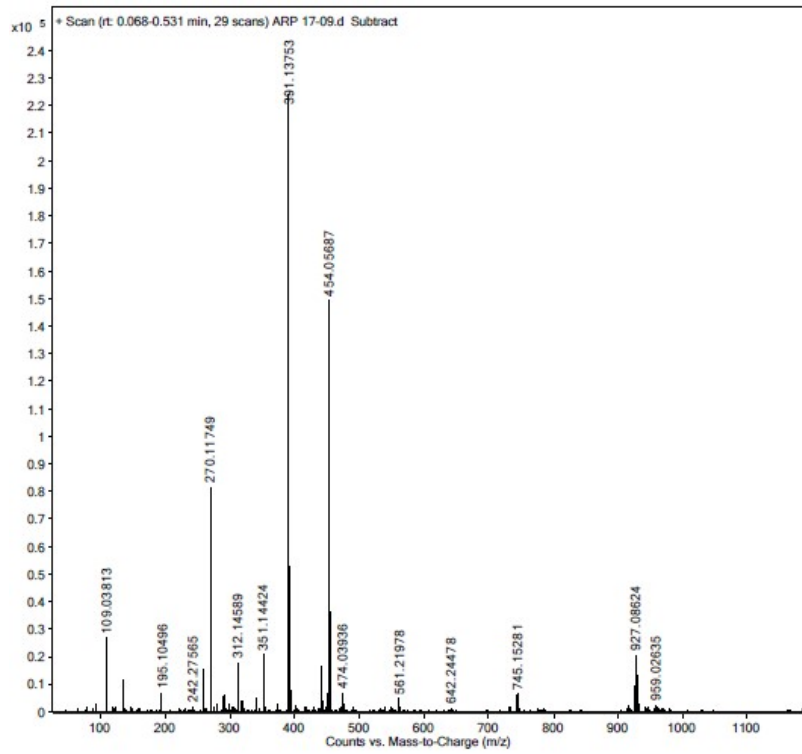
Mass Spectrum of 5o



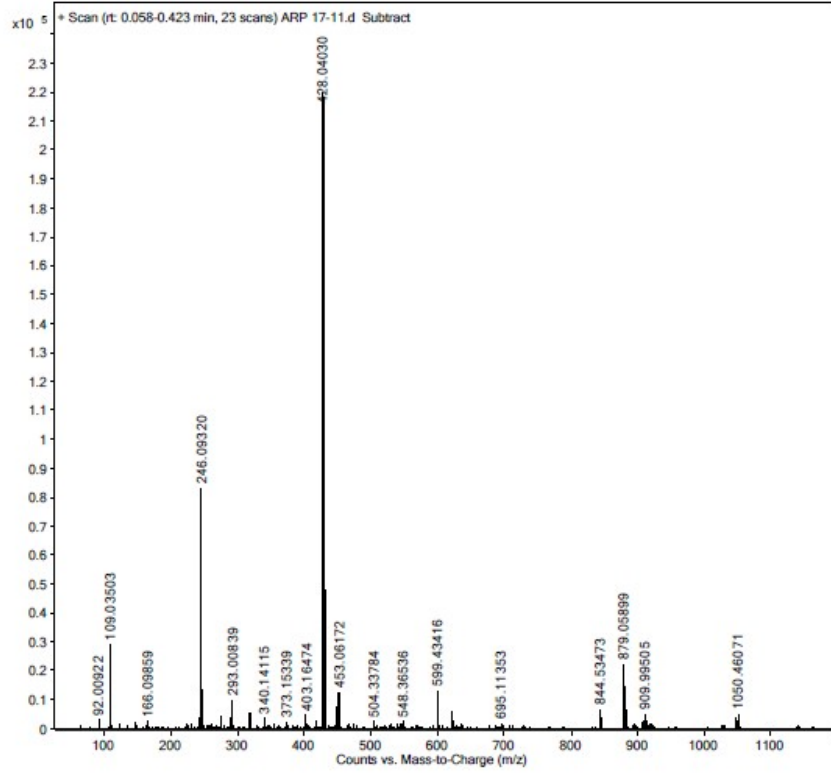
Mass Spectrum of 5p



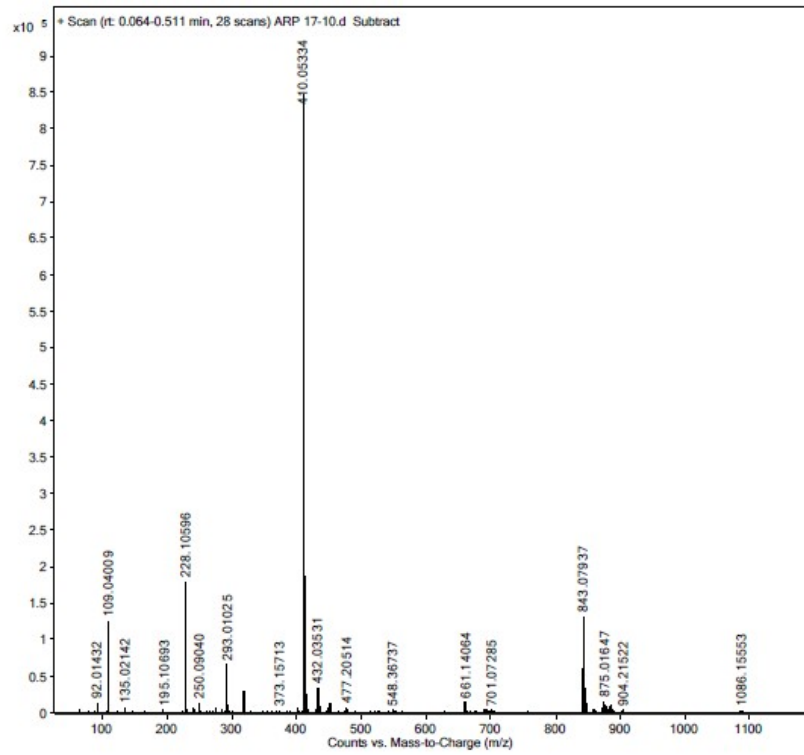
Mass Spectrum of 5r



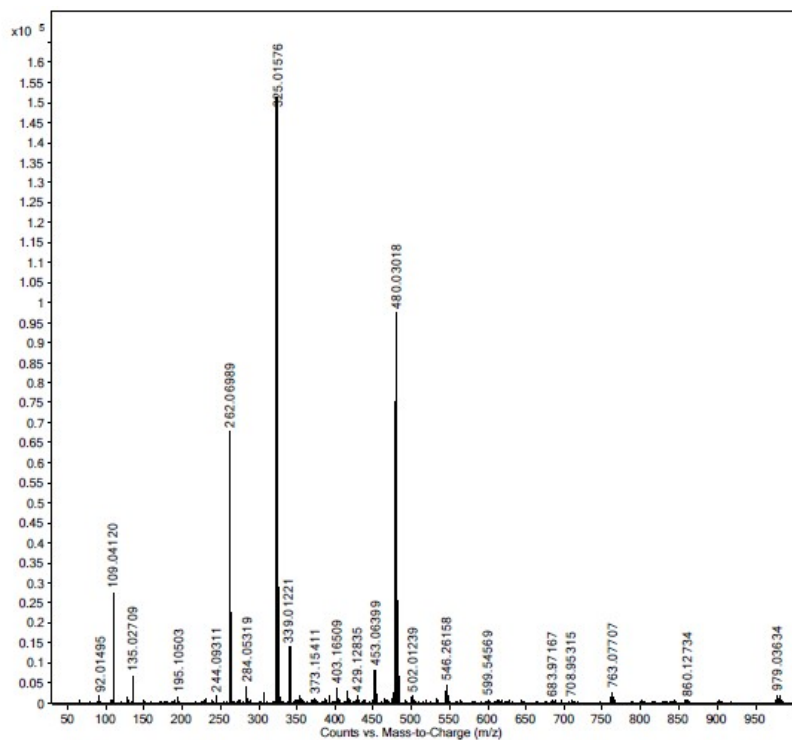
Mass Spectrum of 5s



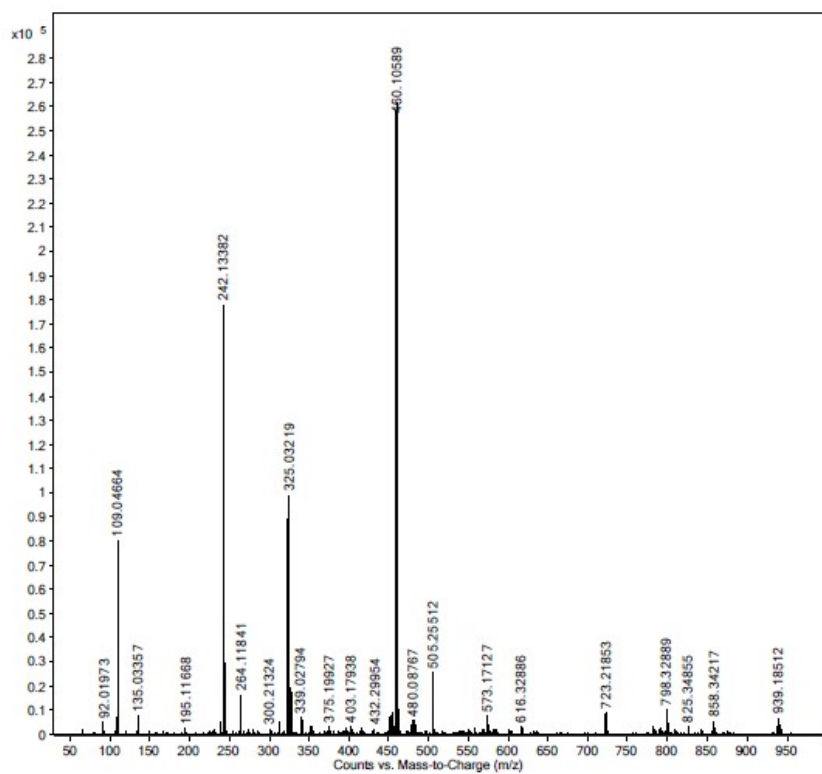
Mass Spectrum of 5t



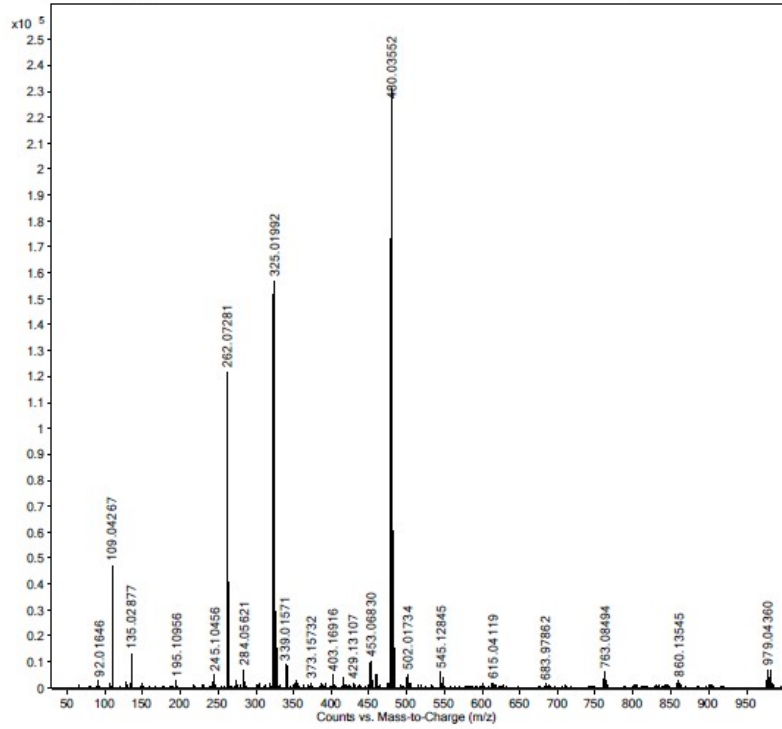
Mass Spectrum of 6a



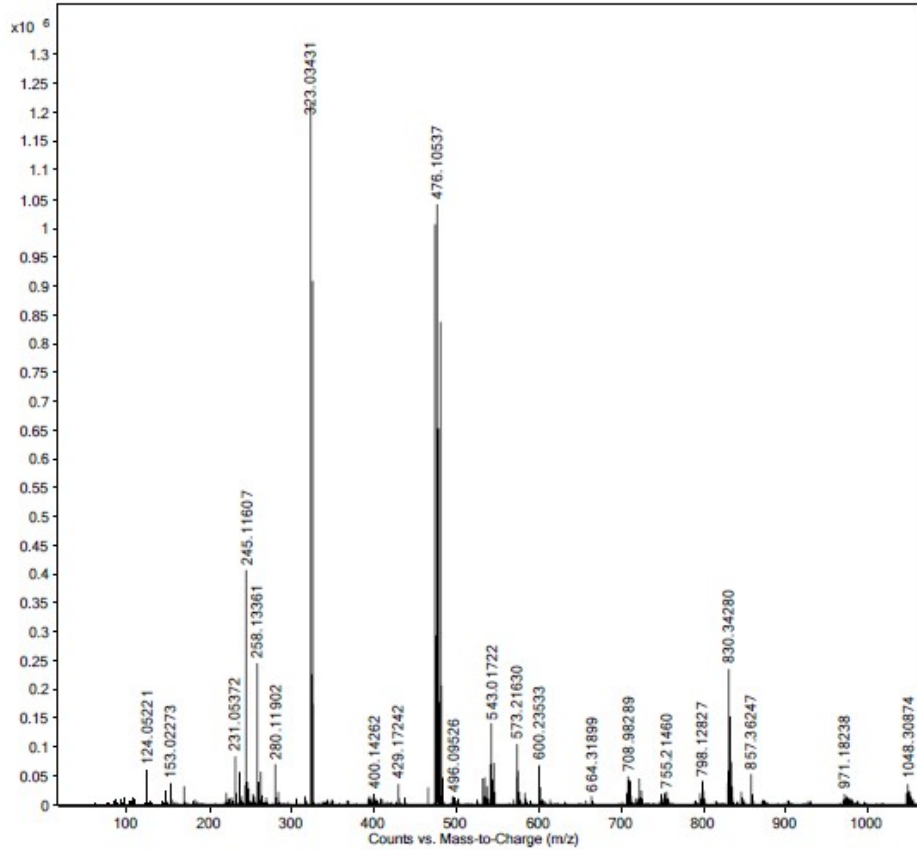
Mass Spectrum of 6b



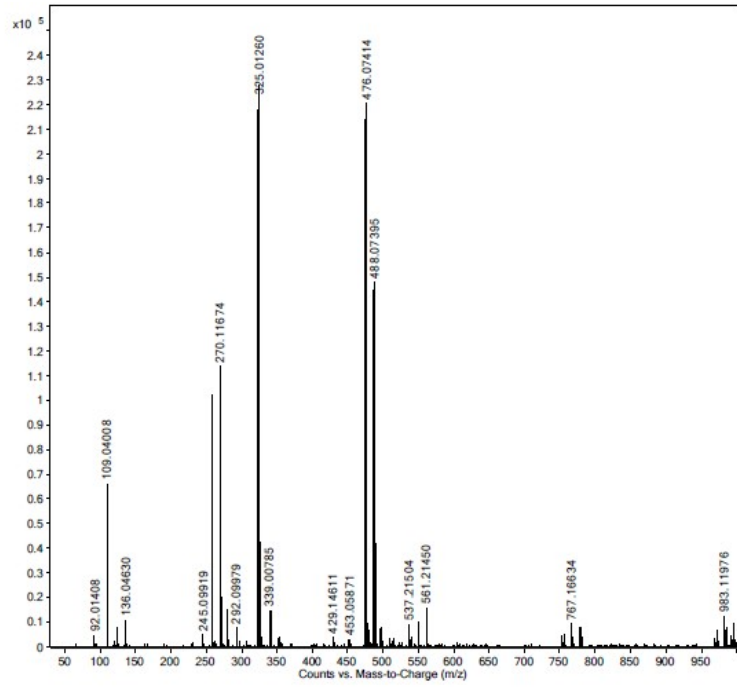
Mass Spectrum of 6c



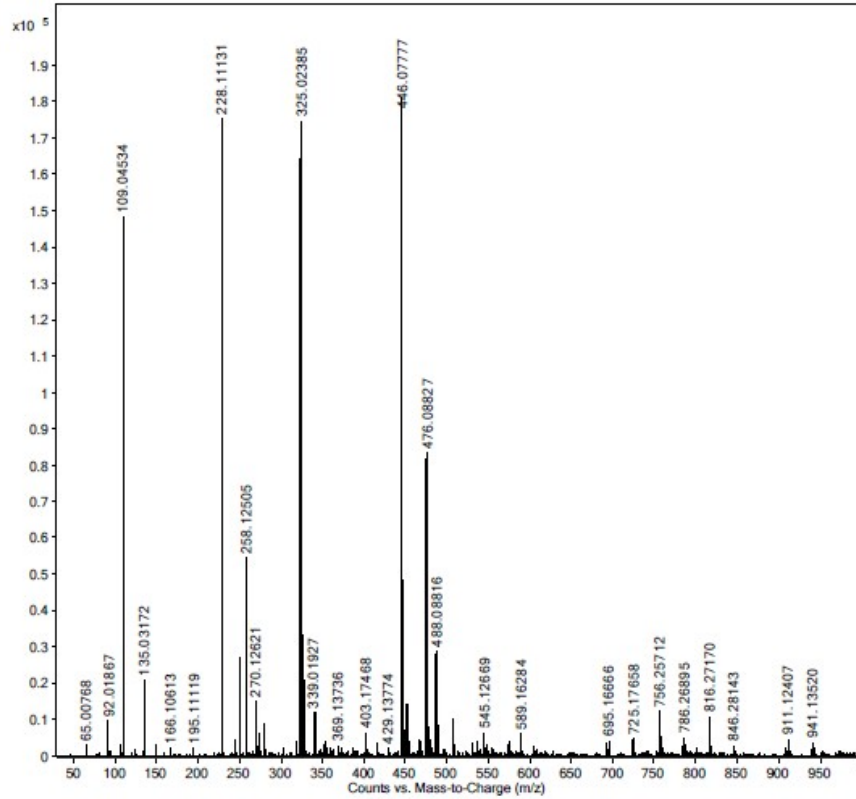
Mass Spectrum of 6d



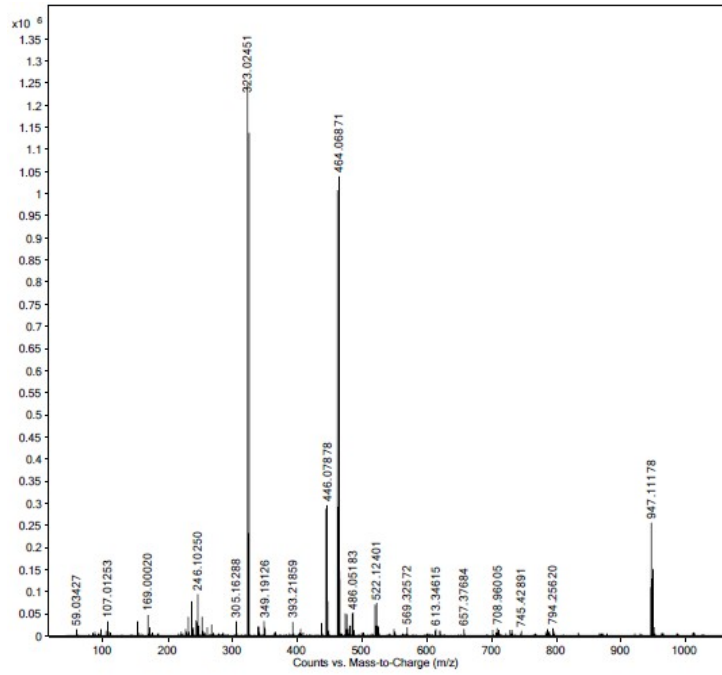
Mass Spectrum of 6e



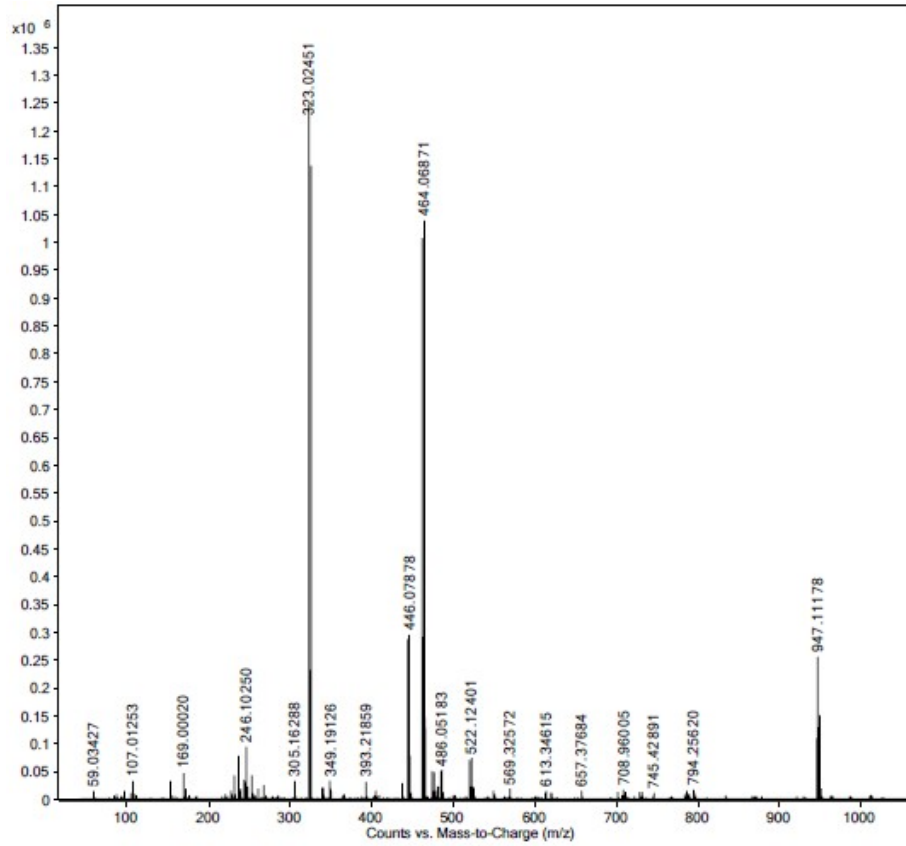
Mass Spectrum of 6f



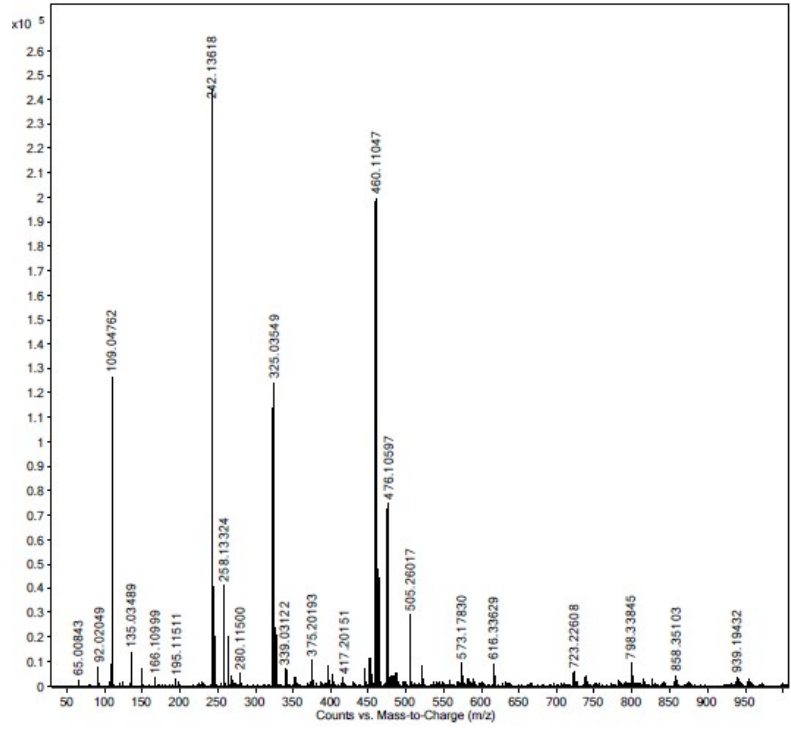
Mass Spectrum of 6g



Mass Spectrum of 6h



Mass Spectrum of 6i



Mass Spectrum of 6j

