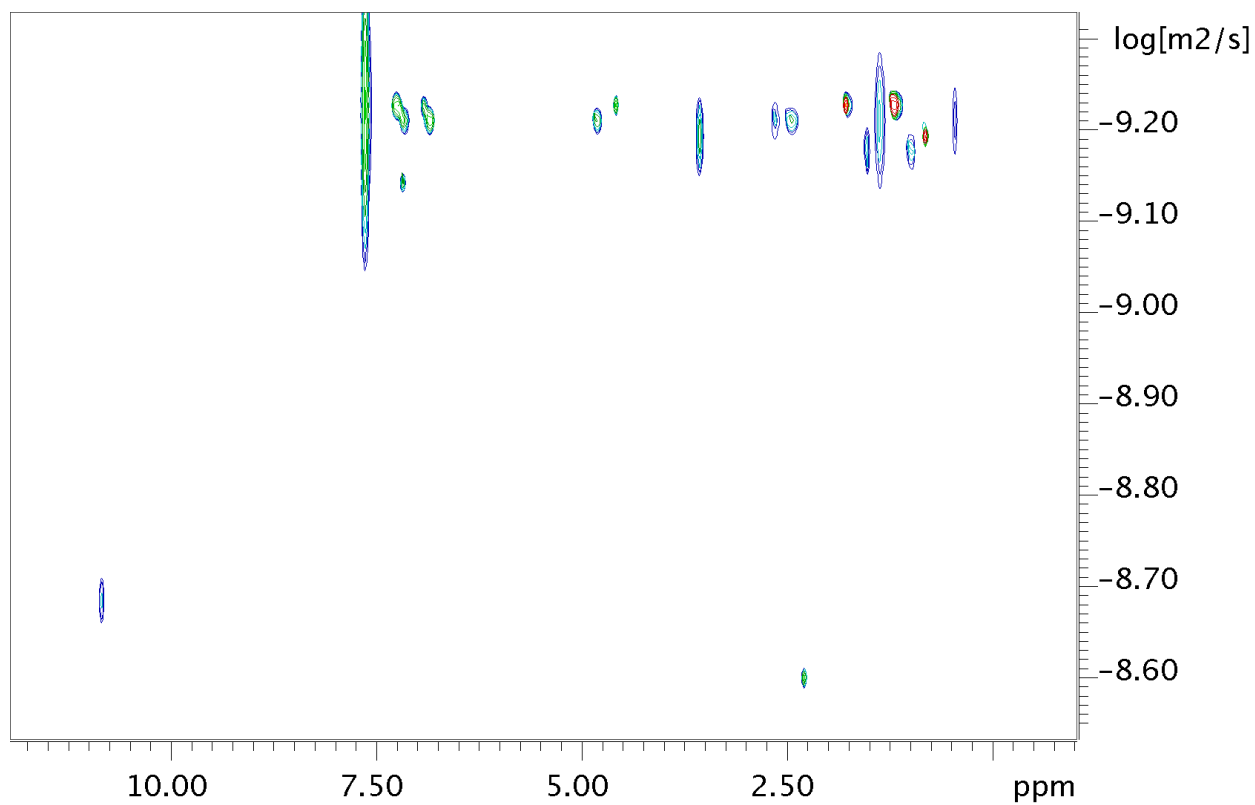
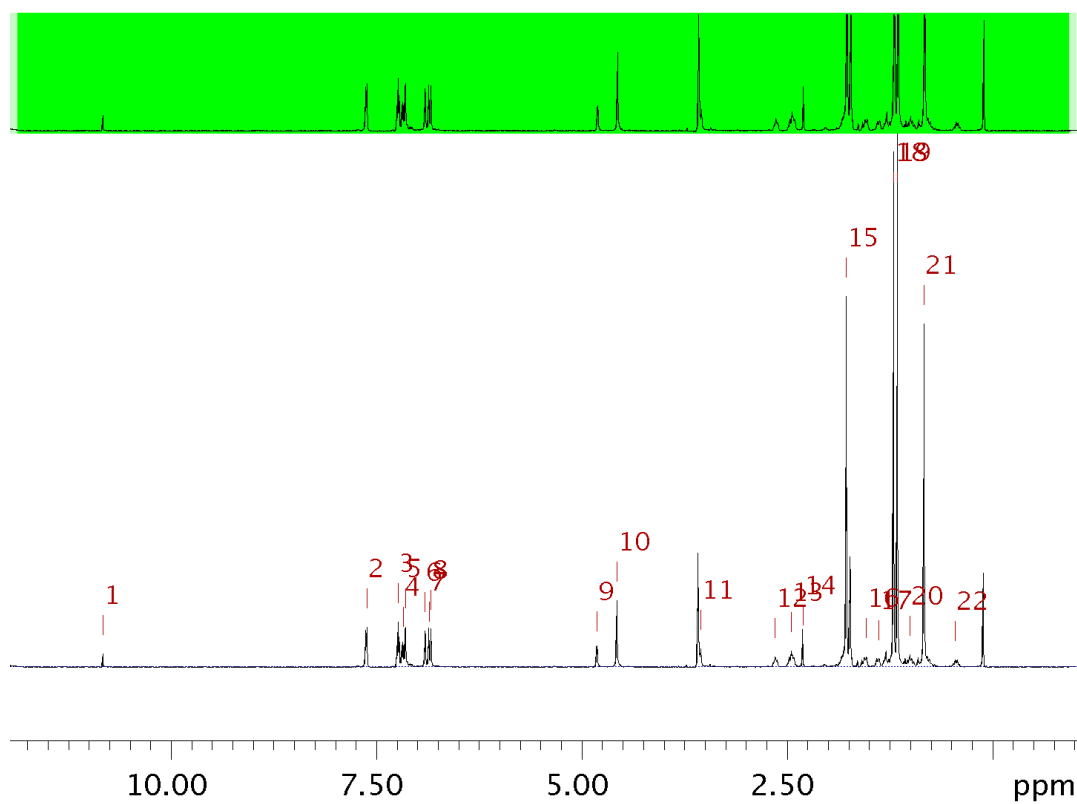


• Diffusion Analysis



sample name:	demosample
Description/Title:	standard demo sample
Origin:	in-house
Date of preparation:	06 / 2005
Lab Book Number:	000



Fitted function:	$f(x) = A * \exp(-D * x^2 * \gamma^2 * \text{littleDelta}^2 * (\text{bigDelta} - \text{littleDelta}/3) * 10^4)$
used gamma:	26752 rad/(s*Gauss)
used little delta:	0.0030000 s
used big delta:	0.025400 s
used gradient strength:	variable
Random error estimation of data:	RMS per spectrum (or trace/plane)
Systematic error estimation of data:	worst case per peak scenario
Fit parameter Error estimation method:	from Monte Carlo simulations
Confidence level:	95%
Used peaks:	peaks from /opt/topspin/data/cr/nmr/~TEMP/1/pdata/1/peaklist.xml
Used integrals:	peak intensities
Used Gradient strength:	all values (including replicates) used

Peak name	F2 [ppm]	D [m2/s]	error
1	10.830	2.04e-09	1.176e-10
2	7.613	5.88e-10	1.472e-10
3	7.235	6.00e-10	4.655e-12
4	7.173	7.33e-10	1.009e-11
5	7.146	6.16e-10	5.709e-12
6	6.908	5.99e-10	8.857e-12
7	6.857	6.11e-10	5.307e-12
8	6.834	6.16e-10	5.419e-12
9	4.810	6.05e-10	9.410e-12
10	4.573	5.96e-10	4.099e-12
11	3.547	6.47e-10	4.723e-11
12	2.647	6.16e-10	2.423e-11
13	2.448	6.13e-10	1.265e-11
14	2.308	2.54e-09	2.797e-11
15	1.778	5.85e-10	5.745e-13
16	1.540	6.65e-10	4.247e-11
17	1.380	6.24e-10	9.549e-11
18	1.205	5.93e-10	6.643e-13
19	1.162	6.01e-10	2.060e-12
20	1.006	6.65e-10	2.352e-11
21	0.834	6.39e-10	8.912e-13
22	0.456	6.28e-10	6.421e-11

Current fit display

