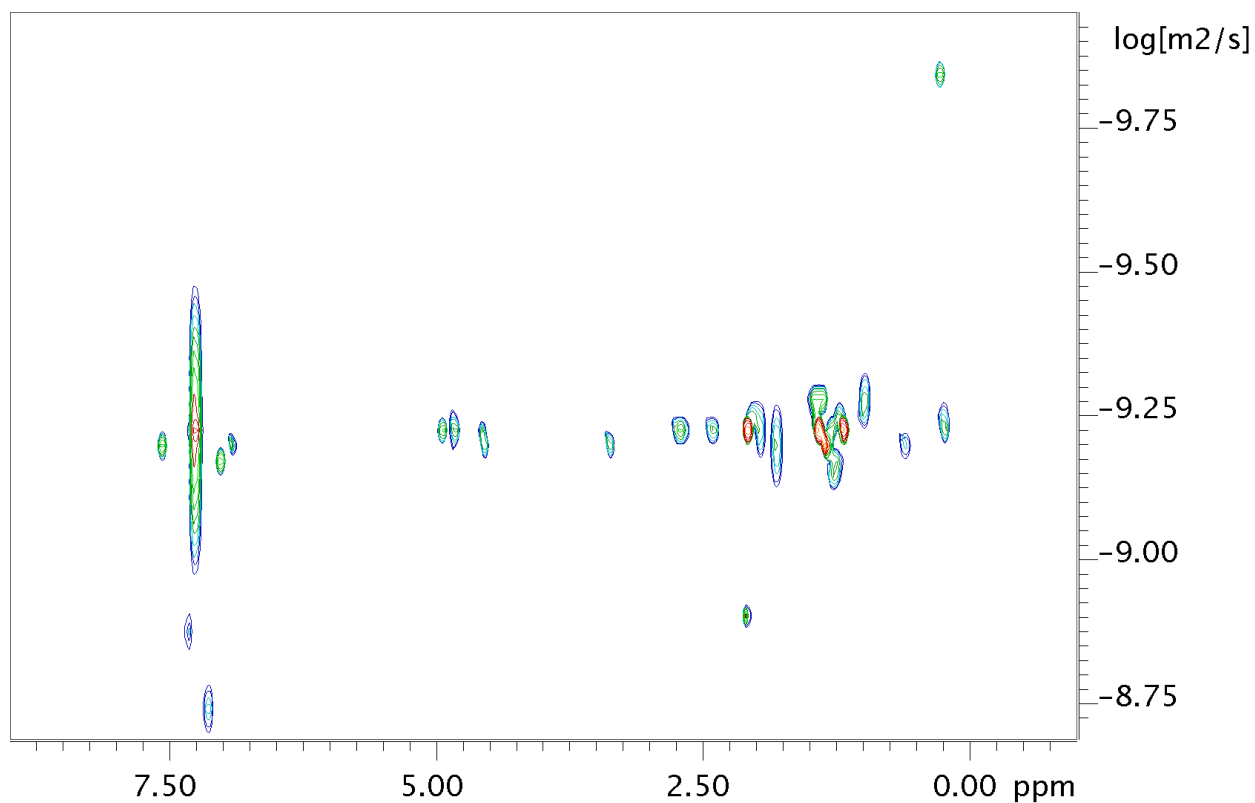
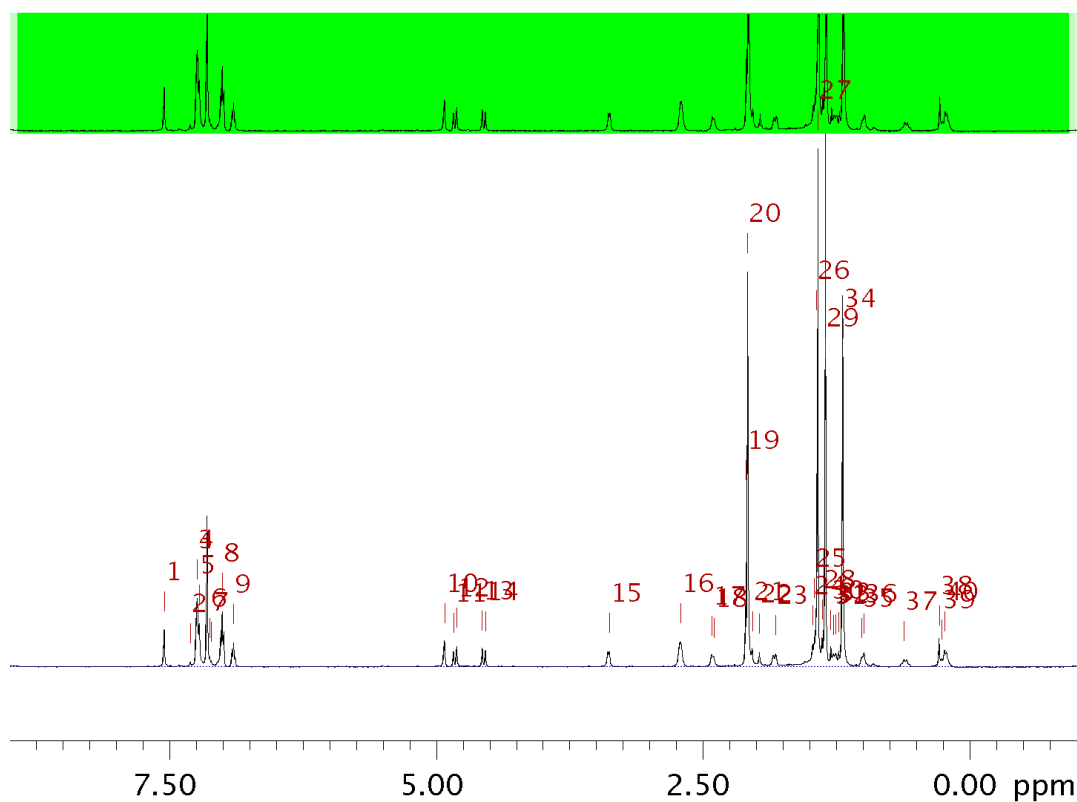


• Diffusion Analysis



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	7.553	6.22e-10	5.624e-12
2	7.308	1.36e-09	9.659e-11
3	7.245	6.01e-10	1.848e-10
4	7.242	6.04e-10	3.046e-12
5	7.225	6.00e-10	4.924e-12
6	7.125	1.80e-09	1.025e-10
7	7.109	1.82e-09	1.958e-10
8	7.009	6.52e-10	4.578e-12
9	6.902	6.15e-10	9.402e-12
10	4.926	5.99e-10	7.699e-12
11	4.841	6.03e-10	3.323e-11
12	4.811	6.09e-10	1.219e-11
13	4.572	5.96e-10	1.249e-11
14	4.541	6.18e-10	1.464e-11
15	3.378	6.13e-10	1.406e-11
16	2.714	5.95e-10	8.430e-12
17	2.422	5.88e-10	1.784e-11
18	2.402	6.04e-10	2.176e-11
19	2.102	1.23e-09	7.022e-12
20	2.083	5.95e-10	5.907e-13
21	2.040	5.69e-10	1.439e-11
22	1.973	5.82e-10	4.894e-11
23	1.820	6.34e-10	7.775e-11
24	1.475	5.29e-10	9.926e-12
25	1.457	5.25e-10	7.633e-12
26	1.441	5.57e-10	4.655e-12
27	1.424	6.04e-10	4.210e-13
28	1.385	5.28e-10	5.053e-12
29	1.353	6.20e-10	3.812e-13

Peak name	F2 [ppm]	D [m2/s]	error
30	1.304	6.04e-10	1.021e-11
31	1.281	7.00e-10	1.494e-11
32	1.256	6.57e-10	1.389e-11
33	1.231	5.54e-10	1.160e-11
34	1.192	6.13e-10	5.834e-13
35	1.014	5.45e-10	2.179e-11
36	0.993	5.33e-10	3.749e-11
37	0.618	6.25e-10	3.252e-11
38	0.289	1.43e-10	3.773e-12
39	0.262	5.48e-10	2.633e-11
40	0.239	5.99e-10	1.214e-11

Current fit display

