

Species Tag:	76007	Name:	DCCCCCN
Version:	1		Cyanodiacetylene,
Date:	Dec. 1979		deuterium isotope
Contributor:	R. L. Poynter		

Lines Listed:	99	Q(300.0)=	4918.131
Freq. (GHz) <	252	Q(225.0)=	3564.512
Max. J:	99	Q(150.0)=	2417.130
LOGSTR0=	-6.8	Q(75.00)=	1229.419
LOGSTR1=	-2.6	Q(37.50)=	615.035
Isotope Corr.:	-3.824	Q(18.75)=	307.681
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	153.993
$\mu_a$ =	4.329	A=	
$\mu_b$ =		B=	1271.056
$\mu_c$ =		C=	

The experimental measurements were taken from A. J. Alexander, H. W. Kroto, and D. R. N. Walton, 1976, J. Mol. Spect. **62**, 175. The dipole moment was assumed to be the same as for the parent species.