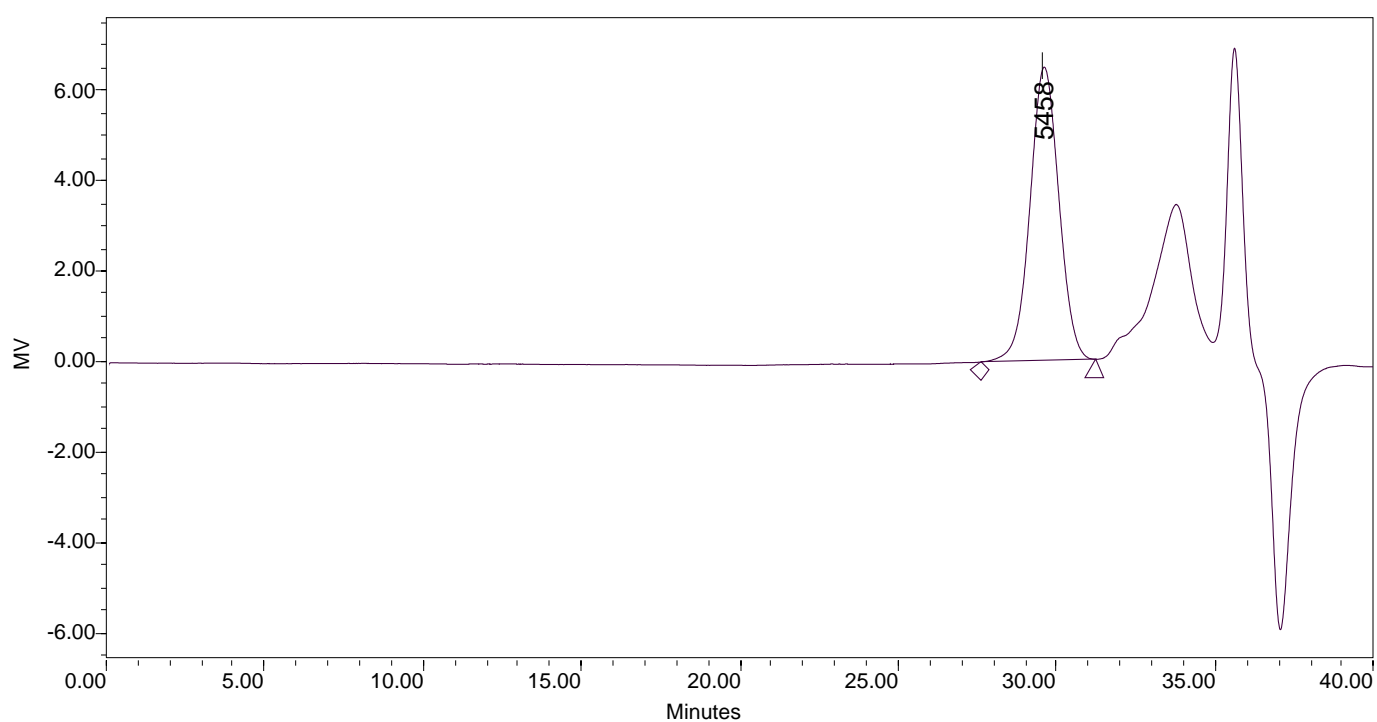


## SAMPLE INFORMATION

Sample Name:	121204-Licc-1127	Acquired By:	System
Sample Type:	Broad Unknown	Date Acquired:	12/4/12 10:45:02 AM
Vial:	4	Acq. Method:	GAO_GPC
Injection #:	2	Date Processed:	12/4/12 5:35:22 PM
Injection Volume:	100.00 ul	Channel Name:	410
Run Time:	40.00 Minutes	Sample Set Name:	
Column Type:			

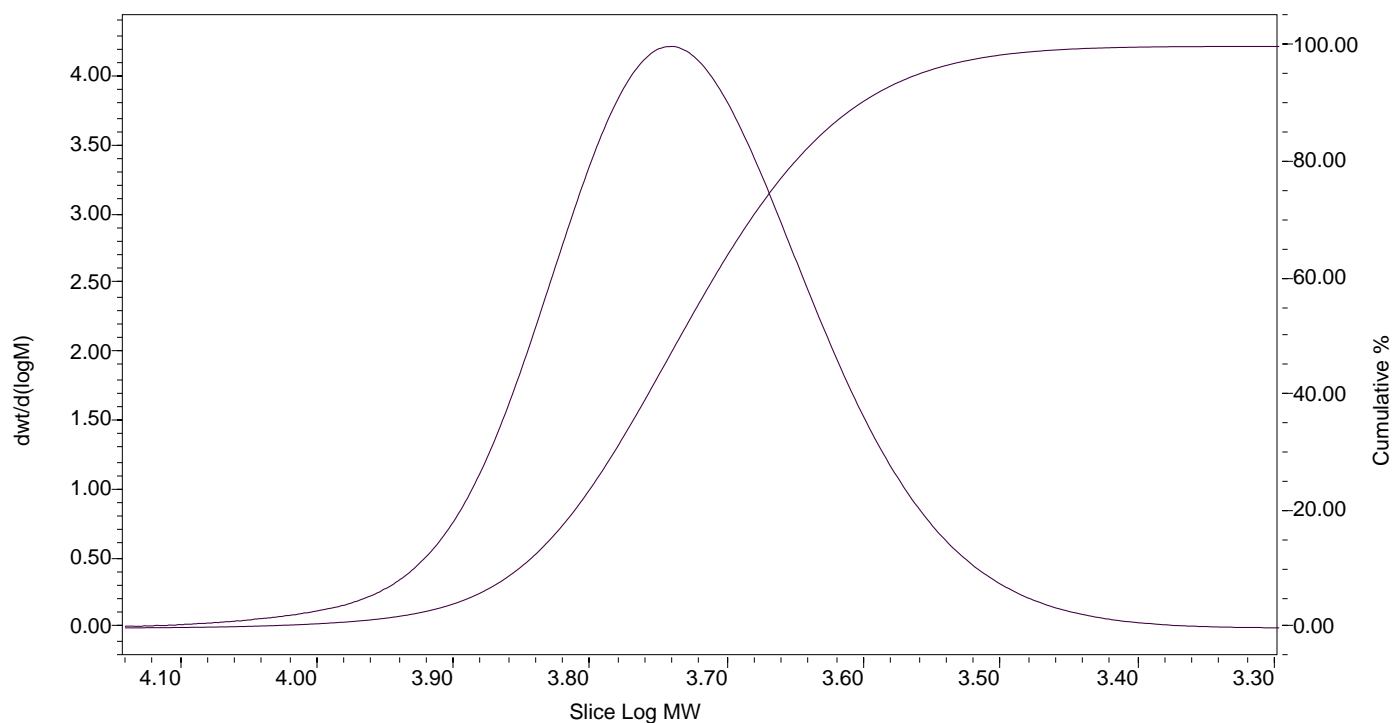
## Broad Unknown Relative Chromatogram



## Broad Unknown Relative Peak Table

	Distribution Name	Mn (Daltons)	Mw (Daltons)	MP (Daltons)	Mz+1 (Daltons)	Polydispersity	Mz/Mw	Mz+1/Mw
1		5248	5538	5458	6180	1.055261	1.055405	1.116003

## Broad Unknown by Relative Calibration



## Relative Distribution Table

Mp: 5458 Name: Broad

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
1	9555	3.980228	28.390	230	0.166019	1.000	No
2	8711	3.940055	28.590	491	0.350550	2.000	No
3	8276	3.917835	28.700	772	0.548055	3.000	No
4	7990	3.902560	28.775	1056	0.745501	4.000	No
5	7778	3.890860	28.832	1334	0.937887	5.000	No
6	7609	3.881343	28.878	1609	1.126434	6.000	No
7	7469	3.873240	28.918	1870	1.304967	7.000	No
8	7348	3.866162	28.952	2120	1.475359	8.000	No
9	7242	3.859842	28.982	2363	1.639799	9.000	No
10	7147	3.854113	29.010	2594	1.795734	10.000	No
11	7061	3.848846	29.035	2817	1.944971	11.000	No
12	6982	3.843954	29.058	3031	2.088182	12.000	No
13	6909	3.839389	29.080	3236	2.224288	13.000	No
14	6840	3.835076	29.101	3434	2.355718	14.000	No
15	6776	3.830996	29.120	3621	2.478628	15.000	No
16	6716	3.827106	29.138	3802	2.597658	16.000	No

**Relative Distribution Table**  
**Mp: 5458 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
17	6659	3.823384	29.156	3976	2.710672	17.000	No
18	6604	3.819810	29.173	4142	2.819106	18.000	No
19	6552	3.816368	29.189	4302	2.922201	19.000	No
20	6502	3.813041	29.205	4456	3.021310	20.000	No
21	6454	3.809816	29.220	4602	3.114975	21.000	No
22	6407	3.806683	29.235	4744	3.205609	22.000	No
23	6363	3.803633	29.249	4876	3.289284	23.000	No
24	6319	3.800661	29.263	5006	3.371214	24.000	No
25	6277	3.797754	29.276	5127	3.447434	25.000	No
26	6236	3.794909	29.290	5243	3.519191	26.000	No
27	6196	3.792120	29.303	5355	3.588728	27.000	No
28	6157	3.789379	29.315	5459	3.652379	28.000	No
29	6119	3.786685	29.328	5557	3.712503	29.000	No
30	6082	3.784031	29.340	5650	3.768371	30.000	No
31	6045	3.781415	29.352	5738	3.821067	31.000	No
32	6009	3.778833	29.364	5821	3.870622	32.000	No
33	5974	3.776281	29.376	5900	3.916734	33.000	No
34	5940	3.773758	29.387	5971	3.958016	34.000	No
35	5906	3.771258	29.399	6042	3.998655	35.000	No
36	5872	3.768783	29.410	6105	4.034136	36.000	No
37	5839	3.766327	29.421	6162	4.065245	37.000	No
38	5806	3.763888	29.433	6218	4.095929	38.000	No
39	5774	3.761466	29.444	6267	4.121620	39.000	No
40	5742	3.759058	29.455	6310	4.143428	40.000	No
41	5710	3.756660	29.466	6352	4.164965	41.000	No
42	5679	3.754274	29.476	6388	4.182146	42.000	No
43	5648	3.751896	29.487	6419	4.195275	43.000	No
44	5617	3.749522	29.498	6441	4.203658	44.000	No
45	5587	3.747153	29.509	6464	4.211705	45.000	No
46	5556	3.744786	29.519	6480	4.215633	46.000	No
47	5526	3.742421	29.530	6492	4.216556	47.000	No
48	5496	3.740055	29.541	6504	4.217411	48.000	No
49	5466	3.737688	29.551	6509	4.214254	49.000	No
50	5436	3.735317	29.562	6507	4.205970	50.000	No
51	5407	3.732940	29.573	6501	4.195074	51.000	No

**Relative Distribution Table**  
**Mp: 5458 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
52	5377	3.730557	29.583	6495	4.184139	52.000	No
53	5348	3.728164	29.594	6482	4.168560	53.000	No
54	5318	3.725762	29.605	6463	4.149806	54.000	No
55	5289	3.723347	29.615	6441	4.128483	55.000	No
56	5259	3.720919	29.626	6416	4.105335	56.000	No
57	5230	3.718475	29.637	6385	4.078590	57.000	No
58	5200	3.716014	29.648	6351	4.049545	58.000	No
59	5171	3.713533	29.659	6309	4.015664	59.000	No
60	5141	3.711031	29.670	6269	3.982368	60.000	No
61	5111	3.708504	29.681	6218	3.943196	61.000	No
62	5081	3.705953	29.692	6168	3.903637	62.000	No
63	5051	3.703372	29.703	6110	3.859904	63.000	No
64	5021	3.700762	29.715	6052	3.815883	64.000	No
65	4990	3.698120	29.726	5987	3.767578	65.000	No
66	4960	3.695439	29.738	5915	3.714512	66.000	No
67	4929	3.692722	29.750	5842	3.660988	67.000	No
68	4897	3.689958	29.762	5761	3.602629	68.000	No
69	4866	3.687152	29.774	5679	3.543639	69.000	No
70	4834	3.684295	29.786	5594	3.482833	70.000	No
71	4802	3.681388	29.799	5502	3.417980	71.000	No
72	4769	3.678418	29.812	5404	3.349228	72.000	No
73	4736	3.675391	29.825	5304	3.279711	73.000	No
74	4702	3.672292	29.838	5199	3.207191	74.000	No
75	4668	3.669122	29.851	5087	3.130099	75.000	No
76	4633	3.665869	29.865	4970	3.050189	76.000	No
77	4598	3.662527	29.880	4850	2.968635	77.000	No
78	4561	3.659089	29.894	4721	2.881650	78.000	No
79	4524	3.655545	29.909	4591	2.794169	79.000	No
80	4486	3.651882	29.925	4452	2.701515	80.000	No
81	4447	3.648092	29.940	4313	2.609219	81.000	No
82	4407	3.644158	29.957	4165	2.511327	82.000	No
83	4366	3.640064	29.974	4011	2.410371	83.000	No
84	4323	3.635792	29.992	3851	2.305994	84.000	No
85	4279	3.631312	30.010	3685	2.198261	85.000	No
86	4233	3.626606	30.030	3514	2.087719	86.000	No

## Relative Distribution Table

Mp: 5458 Name: Broad

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
87	4184	3.621642	30.050	3335	1.973019	87.000	No
88	4134	3.616362	30.072	3148	1.853886	88.000	No
89	4081	3.610728	30.095	2954	1.731323	89.000	No
90	4024	3.604672	30.119	2753	1.604963	90.000	No
91	3964	3.598107	30.146	2544	1.474852	91.000	No
92	3899	3.590925	30.174	2326	1.340099	92.000	No
93	3828	3.582951	30.206	2099	1.200437	93.000	No
94	3750	3.573979	30.242	1863	1.056907	94.000	No
95	3661	3.563624	30.282	1611	0.905426	95.000	No
96	3559	3.551342	30.330	1347	0.748830	96.000	No
97	3436	3.536048	30.388	1065	0.583714	97.000	No
98	3277	3.515505	30.466	766	0.412090	98.000	No
99	3040	3.482842	30.585	433	0.225599	99.000	No
100	1995	3.299874	31.192	0	0.000069	100.000	No