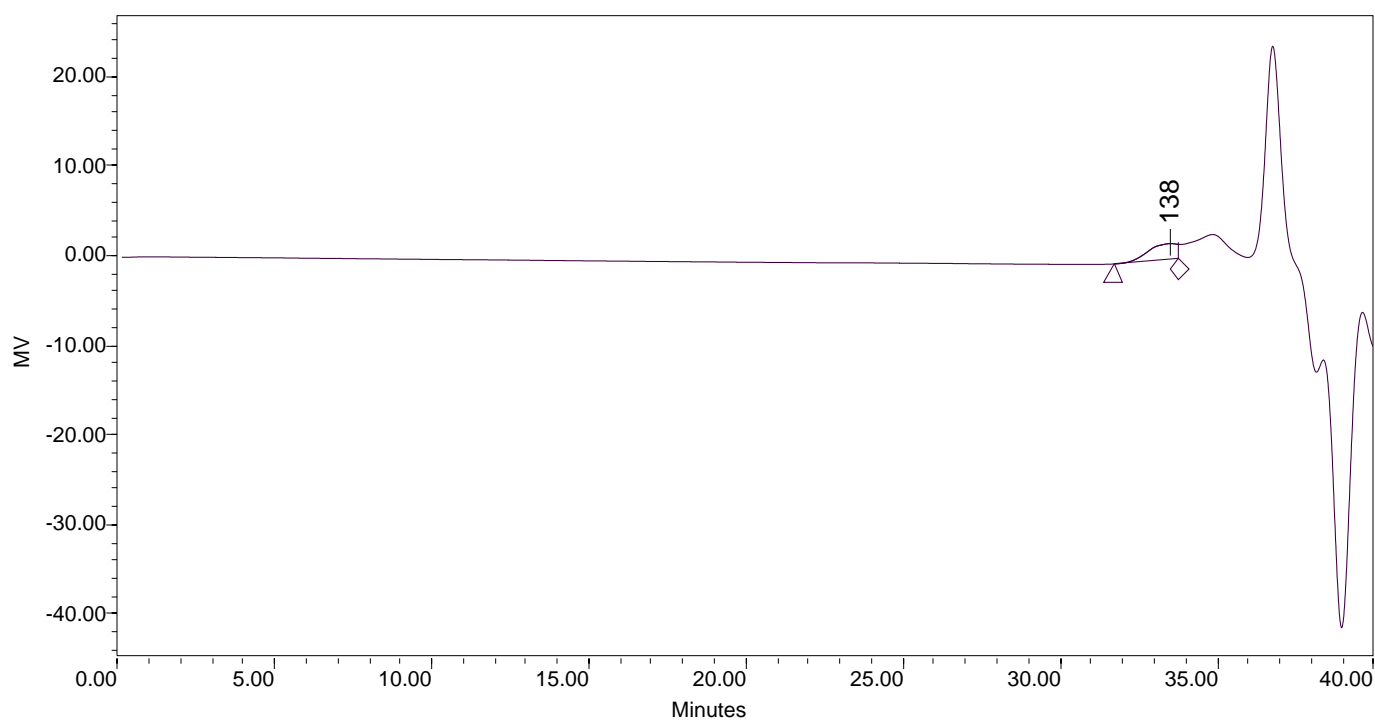


SAMPLE INFORMATION

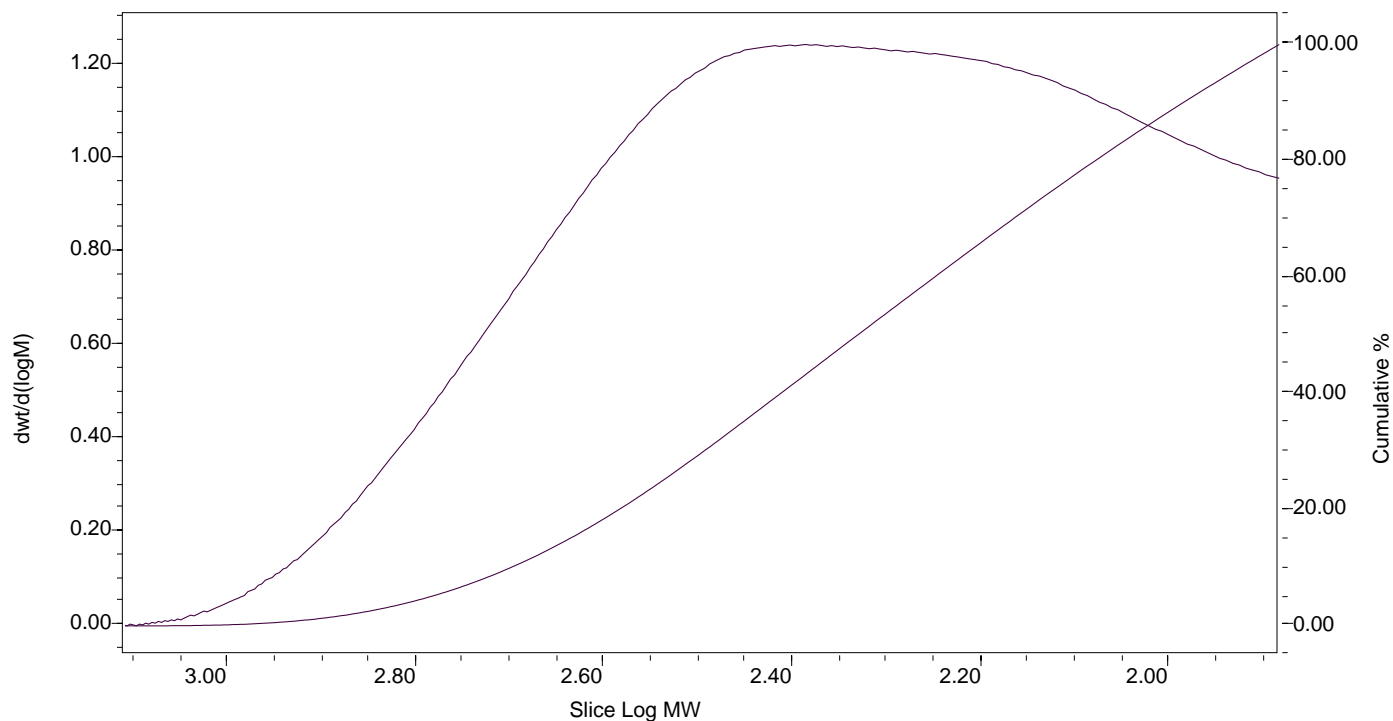
Sample Name:	121214-Huangq-COOH	Acquired By:	System
Sample Type:	Broad Unknown	Date Acquired:	12/14/12 11:07:29 AM
Vial:	4	Acq. Method:	GAO_GPC
Injection #:	2	Date Processed:	12/14/12 2:40:55 PM
Injection Volume:	100.00 ul	Channel Name:	410
Run Time:	40.00 Minutes	Sample Set Name:	
Column Type:			

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		183	262	138	488	1.434105	1.419510	1.863824

Broad Unknown by Relative Calibration**Relative Distribution Table****Mp: 138 Name: Broad**

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
1	827	2.917745	32.169	160	0.157668	1.000	No
2	740	2.869307	32.272	269	0.255819	2.000	No
3	685	2.835637	32.341	364	0.337202	3.000	No
4	644	2.808770	32.395	445	0.404292	4.000	No
5	611	2.785789	32.441	522	0.466358	5.000	No
6	583	2.765547	32.480	594	0.522798	6.000	No
7	559	2.747282	32.515	661	0.574705	7.000	No
8	538	2.730492	32.547	722	0.620193	8.000	No
9	519	2.714898	32.576	782	0.664579	9.000	No
10	502	2.700276	32.603	840	0.706260	10.000	No
11	486	2.686482	32.628	895	0.745490	11.000	No
12	471	2.673376	32.652	950	0.784218	12.000	No
13	458	2.660883	32.675	1004	0.822077	13.000	No
14	446	2.648919	32.696	1053	0.855239	14.000	No
15	434	2.637386	32.716	1100	0.886390	15.000	No
16	423	2.626285	32.736	1150	0.919559	16.000	No

Relative Distribution Table
Mp: 138 Name: Broad

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
17	413	2.615533	32.755	1196	0.949575	17.000	No
18	403	2.605096	32.773	1239	0.976839	18.000	No
19	393	2.594934	32.790	1280	1.002687	19.000	No
20	385	2.585021	32.807	1320	1.027252	20.000	No
21	376	2.575336	32.824	1358	1.050649	21.000	No
22	368	2.565860	32.840	1396	1.072982	22.000	No
23	360	2.556565	32.855	1429	1.092142	23.000	No
24	353	2.547441	32.870	1465	1.113269	24.000	No
25	346	2.538461	32.885	1496	1.130212	25.000	No
26	339	2.529608	32.900	1526	1.146597	26.000	No
27	332	2.520862	32.914	1551	1.158985	27.000	No
28	325	2.512222	32.928	1578	1.173012	28.000	No
29	319	2.503666	32.942	1604	1.185710	29.000	No
30	313	2.495190	32.956	1624	1.194666	30.000	No
31	307	2.486794	32.969	1649	1.206792	31.000	No
32	301	2.478457	32.983	1669	1.215250	32.000	No
33	295	2.470176	32.996	1687	1.221779	33.000	No
34	290	2.461927	33.009	1704	1.227937	34.000	No
35	284	2.453716	33.022	1719	1.232707	35.000	No
36	279	2.445533	33.035	1733	1.236563	36.000	No
37	274	2.437368	33.047	1745	1.239076	37.000	No
38	269	2.429218	33.060	1757	1.241519	38.000	No
39	264	2.421085	33.073	1769	1.243892	39.000	No
40	259	2.412949	33.085	1776	1.242926	40.000	No
41	254	2.404824	33.098	1787	1.245188	41.000	No
42	249	2.396696	33.110	1794	1.244144	42.000	No
43	245	2.388580	33.122	1806	1.246299	43.000	No
44	240	2.380458	33.134	1813	1.245182	44.000	No
45	236	2.372340	33.147	1821	1.245346	45.000	No
46	231	2.364204	33.159	1826	1.242870	46.000	No
47	227	2.356072	33.171	1835	1.243263	47.000	No
48	223	2.347935	33.183	1844	1.243616	48.000	No
49	219	2.339790	33.195	1849	1.241155	49.000	No
50	215	2.331637	33.207	1857	1.241086	50.000	No
51	211	2.323477	33.219	1863	1.239019	51.000	No

Relative Distribution Table

Mp: 138 Name: Broad

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
52	207	2.315309	33.231	1871	1.238472	52.000	No
53	203	2.307134	33.242	1877	1.236856	53.000	No
54	199	2.298942	33.254	1881	1.234227	54.000	No
55	195	2.290745	33.266	1890	1.234405	55.000	No
56	192	2.282539	33.278	1895	1.232036	56.000	No
57	188	2.274325	33.289	1902	1.231602	57.000	No
58	185	2.266103	33.301	1908	1.229823	58.000	No
59	181	2.257865	33.313	1913	1.227204	59.000	No
60	178	2.249620	33.324	1921	1.227270	60.000	No
61	174	2.241367	33.336	1926	1.224969	61.000	No
62	171	2.233095	33.347	1930	1.222359	62.000	No
63	168	2.224804	33.359	1935	1.219754	63.000	No
64	165	2.216498	33.370	1939	1.217154	64.000	No
65	162	2.208173	33.381	1943	1.214560	65.000	No
66	158	2.199830	33.393	1948	1.211972	66.000	No
67	155	2.191462	33.404	1950	1.207918	67.000	No
68	152	2.183063	33.416	1952	1.203916	68.000	No
69	149	2.174628	33.427	1951	1.198470	69.000	No
70	147	2.166165	33.438	1953	1.194205	70.000	No
71	144	2.157671	33.450	1955	1.190511	71.000	No
72	141	2.149136	33.461	1953	1.184219	72.000	No
73	138	2.140565	33.472	1955	1.179776	73.000	No
74	136	2.131959	33.484	1954	1.174319	74.000	No
75	133	2.123305	33.495	1952	1.167994	75.000	No
76	130	2.114594	33.506	1946	1.159526	76.000	No
77	128	2.105825	33.518	1943	1.152624	77.000	No
78	125	2.097001	33.529	1939	1.144942	78.000	No
79	122	2.088115	33.541	1934	1.137382	79.000	No
80	120	2.079156	33.552	1926	1.127678	80.000	No
81	118	2.070128	33.564	1921	1.119510	81.000	No
82	115	2.061035	33.575	1914	1.110633	82.000	No
83	113	2.051877	33.587	1910	1.103308	83.000	No
84	110	2.042640	33.599	1901	1.093424	84.000	No
85	108	2.033318	33.610	1892	1.083559	85.000	No
86	106	2.023910	33.622	1884	1.073717	86.000	No

Relative Distribution Table

Mp: 138 Name: Broad

	Slice MW (Daltons)	Slice Log MW	Slice Volume (ml)	Slice Area	dwt/d(logM)	Cumulative %	Outside Vo-Vt
87	103	2.014419	33.634	1875	1.064101	87.000	No
88	101	2.004859	33.646	1871	1.056768	88.000	No
89	99	1.995215	33.658	1862	1.047006	89.000	No
90	97	1.985476	33.670	1853	1.037262	90.000	No
91	95	1.975662	33.682	1848	1.029645	91.000	No
92	92	1.965764	33.694	1840	1.020476	92.000	No
93	90	1.955773	33.706	1831	1.010810	93.000	No
94	88	1.945690	33.718	1823	1.001576	94.000	No
95	86	1.935530	33.730	1817	0.994129	95.000	No
96	84	1.925294	33.742	1813	0.987108	96.000	No
97	82	1.914972	33.755	1807	0.978986	97.000	No
98	80	1.904590	33.767	1804	0.973117	98.000	No
99	78	1.894117	33.779	1797	0.964935	99.000	No
100	76	1.883584	33.792	1795	0.959211	100.000	No