

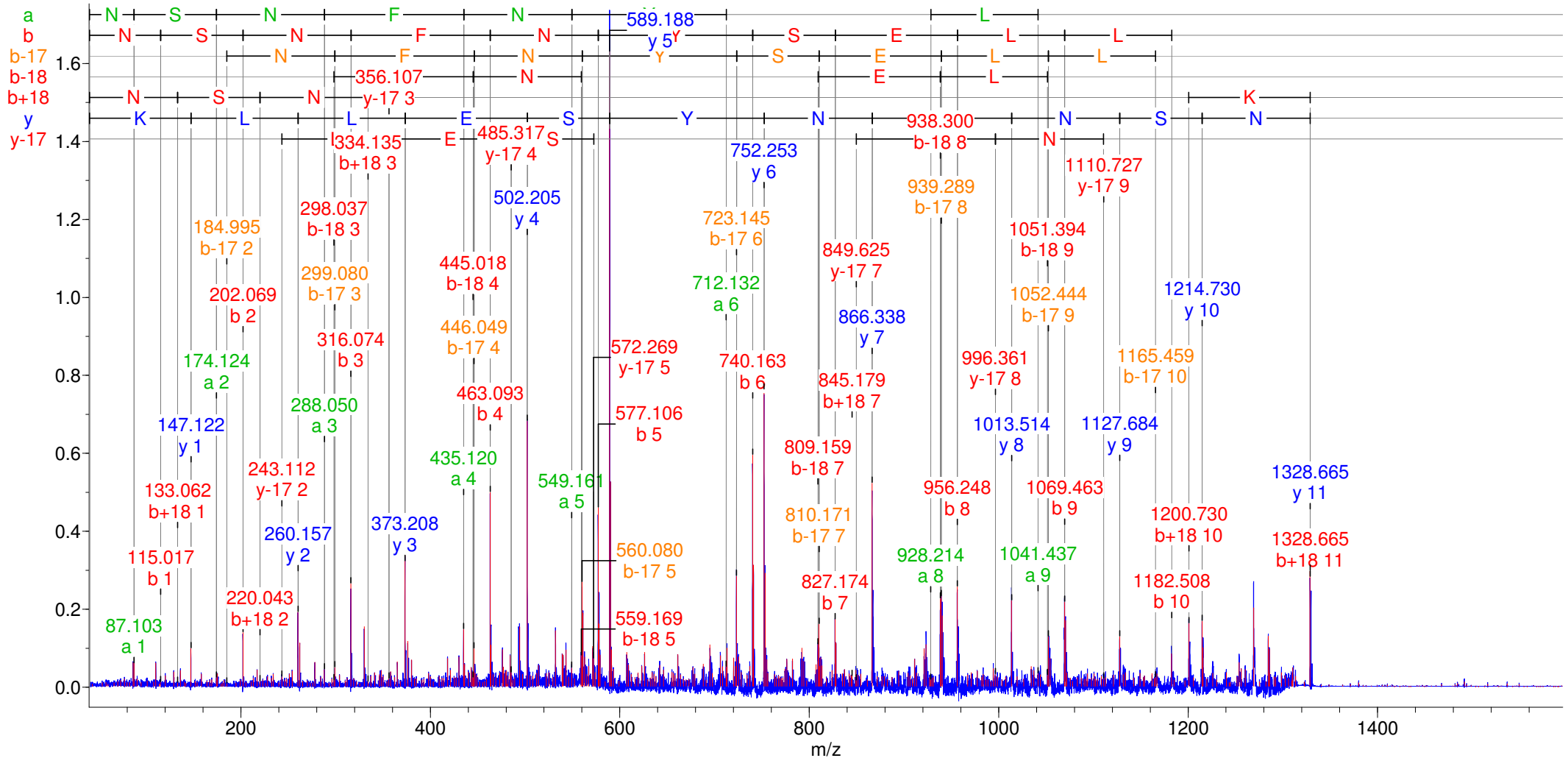
Spectrum Analysis Report

Date: 02/08/2008 Time: 10:23

FileName: \\Kocp08\P\UltraflexII\Lassen_MALDI_Data\SL_HPTseal_Data_2007\070205_seal21_2D_beta_Tryp_parent1328\0_C22\0\1328.6900.LIFT.LIFT\fast\data\1\1r

Sequence Name:		Parentmass:	1328.690	Mass Error:	0.041
MH+ (mono):	1328.649	MH+ (avg):	1329.437	Threshold (a.i.):	0.000
Tolerance (Da):	0.200	Number of Peaks:	418	Above Threshold:	418
Assigned Peaks:	65	Not assigned Peaks:	353		

[Abs. Int. * 1000]



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Display Parameter:

Parentmass: 1328.690
MH+ (avg): 1329.437
Number of Peaks: 418
Not assigned Peaks: 353

Mass Error: 0.041
Threshold (a.i.): 0.000
Above Threshold: 418

MH+ (mono): 1328.649
Tolerance (Da): 0.200
Assigned Peaks: 65

Peaklist:

Peak	Mass	Intensity	Peak	Mass	Intensity	Peak	Mass	Intensity
1	43.080	5.500	2	53.526	8.984	3	57.521	9.317
4	59.432	5.330	5	65.896	8.941	6	70.038	11.317
7	73.045	14.259	8	77.001	17.887	9	79.553	9.561
10	82.304	9.326	11	86.153	57.116	12	87.103	57.156
13	90.422	17.119	14	94.526	9.846	15	100.943	12.862
16	107.745	10.369	17	110.044	56.236	18	113.735	5.704
19	115.017	9.991	20	120.138	25.405	21	129.084	34.663
22	133.062	8.001	23	136.118	38.361	24	140.421	10.422
25	141.794	7.464	26	147.122	90.810	27	151.733	11.961
28	153.748	8.870	29	158.087	29.414	30	164.159	11.909
31	167.051	13.849	32	169.130	16.608	33	174.124	20.309
34	175.125	29.962	35	179.038	5.598	36	180.255	8.457
37	182.044	14.396	38	184.995	6.170	39	194.851	7.966
40	199.092	15.113	41	202.069	129.314	42	205.137	9.364
43	210.798	10.735	44	213.063	19.475	45	217.050	39.496
46	220.043	11.811	47	223.109	15.629	48	225.741	8.172
49	228.063	23.505	50	232.137	20.155	51	234.086	28.971
52	240.053	9.322	53	243.112	22.648	54	246.117	15.438
55	248.074	17.045	56	251.075	29.788	57	254.039	36.929
58	260.157	177.742	59	262.067	104.176	60	265.132	12.191
61	270.006	12.692	62	273.097	6.779	63	275.820	8.855
64	278.046	57.613	65	284.079	22.566	66	288.050	40.024
67	292.922	7.474	68	296.069	18.012	69	298.037	14.501
70	299.080	45.028	71	304.050	26.785	72	310.102	13.388
73	312.112	19.729	74	316.074	245.886	75	319.117	18.188
76	321.986	11.018	77	325.364	7.165	78	330.106	142.859
79	334.135	11.083	80	337.035	24.641	81	341.076	32.176
82	346.108	27.807	83	348.120	37.502	84	350.027	24.140
85	354.069	11.741	86	356.107	18.205	87	358.069	35.086
88	362.124	21.934	89	365.077	58.801	90	368.095	12.778
91	373.208	313.751	92	376.083	108.050	93	380.065	63.677
94	383.082	17.898	95	385.133	19.000	96	391.000	15.274
97	393.133	17.384	98	398.121	31.070	99	400.044	23.538

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100	403.039	11.482	101	409.147	23.791	102	412.163	20.051
103	414.087	19.033	104	418.117	66.607	105	421.046	38.644
106	425.113	20.939	107	427.088	21.020	108	430.168	71.068
109	435.120	136.761	110	436.128	52.948	111	440.139	34.332
112	443.128	45.670	113	444.136	34.133	114	445.018	20.537
115	446.049	90.446	116	447.211	31.822	117	449.061	26.209
118	451.935	11.363	119	455.102	9.504	120	457.148	11.669
121	459.107	16.910	122	463.093	464.889	123	464.002	99.224
124	466.108	28.682	125	469.064	20.307	126	473.117	31.745
127	476.075	88.389	128	477.112	45.971	129	479.119	34.688
130	480.157	38.063	131	480.813	5.568	132	481.957	24.287
133	484.225	74.341	134	485.317	32.821	135	487.131	14.110
136	489.045	20.695	137	494.109	142.654	138	497.085	28.879
139	502.205	635.231	140	505.154	26.967	141	508.159	24.471
142	512.163	31.438	143	514.098	50.518	144	522.180	30.477
145	525.079	33.268	146	529.146	21.084	147	532.087	133.707
148	539.127	77.725	149	540.077	74.641	150	543.102	86.987
151	545.810	22.453	152	549.161	44.413	153	552.092	18.404
154	559.169	74.756	155	560.080	250.754	156	561.039	175.498
157	562.757	70.472	158	565.132	29.118	159	567.127	48.474
160	571.195	95.387	161	572.269	67.095	162	574.060	32.862
163	577.106	428.842	164	578.046	149.555	165	579.142	75.178
166	584.390	11.843	167	589.188	1520.746	168	590.226	489.782
169	591.107	87.732	170	593.122	41.020	171	599.175	12.923
172	607.193	81.574	173	609.112	51.601	174	612.095	29.035
175	616.122	20.354	176	619.119	32.175	177	623.094	49.060
178	626.080	81.459	179	629.487	16.384	180	632.052	20.345
181	634.172	33.580	182	636.115	29.125	183	638.120	22.797
184	642.102	50.733	185	646.186	39.163	186	655.047	34.370
187	656.628	31.595	188	658.246	26.442	189	661.141	76.658
190	664.090	27.750	191	667.118	18.056	192	669.982	15.371
193	672.843	17.299	194	677.198	45.512	195	679.084	29.578
196	688.094	53.535	197	691.117	15.078	198	695.124	99.743
199	697.465	31.250	200	706.126	73.668	201	708.400	46.924
202	712.132	46.211	203	713.130	91.742	204	720.189	68.264
205	722.011	48.184	206	723.145	264.013	207	725.372	70.742
208	728.208	33.612	209	734.269	26.872	210	737.160	48.120
211	740.163	554.116	212	741.132	290.075	213	752.253	710.698
214	753.322	271.147	215	755.213	63.760	216	756.279	31.389
217	763.383	28.379	218	765.196	19.835	219	767.357	25.199
220	769.132	22.968	221	770.592	18.676	222	772.198	20.346

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223	774.194	41.278	224	776.200	65.271	225	779.218	24.195
226	782.205	65.645	227	792.137	91.655	228	794.208	60.319
229	797.073	13.161	230	807.096	52.377	231	809.159	100.261
232	810.171	149.317	233	811.205	48.015	234	812.174	69.380
235	813.261	49.377	236	818.111	18.797	237	824.145	37.976
238	827.174	162.084	239	828.173	104.122	240	834.919	30.656
241	837.197	40.514	242	842.052	30.281	243	844.220	26.564
244	845.179	24.290	245	849.064	38.926	246	849.625	13.614
247	851.367	27.171	248	854.246	29.347	249	861.187	16.198
250	866.338	486.875	251	871.765	23.238	252	876.675	24.036
253	879.140	24.152	254	882.543	16.897	255	887.329	21.552
256	894.388	35.768	257	904.206	31.781	258	906.267	25.928
259	908.809	16.756	260	911.223	65.322	261	913.251	32.309
262	921.259	89.828	263	923.222	99.948	264	926.858	21.050
265	928.214	15.657	266	929.417	19.391	267	930.859	21.886
268	938.300	209.865	269	939.289	215.812	270	940.290	168.873
271	956.248	238.999	272	967.219	27.362	273	971.022	32.988
274	977.263	36.783	275	982.134	22.463	276	983.605	28.438
277	986.364	15.979	278	988.436	15.741	279	991.768	11.485
280	994.329	42.462	281	996.361	28.731	282	998.578	22.614
283	1003.374	15.598	284	1007.453	22.218	285	1013.514	205.680
286	1019.280	23.664	287	1026.238	18.487	288	1034.306	47.448
289	1037.095	38.115	290	1041.437	30.571	291	1044.100	28.174
292	1051.394	26.407	293	1052.444	119.128	294	1054.149	67.338
295	1069.463	201.957	296	1070.594	157.577	297	1071.691	32.612
298	1075.472	19.782	299	1078.003	12.254	300	1083.056	21.388
301	1087.209	20.025	302	1090.264	16.616	303	1092.107	17.990
304	1093.720	30.287	305	1097.893	20.381	306	1100.555	30.166
307	1102.107	16.977	308	1104.136	17.152	309	1108.400	24.417
310	1110.727	18.438	311	1112.832	21.261	312	1120.971	26.730
313	1127.684	119.125	314	1131.433	28.725	315	1133.808	33.245
316	1142.371	20.159	317	1149.174	31.448	318	1152.749	21.210
319	1153.846	24.852	320	1161.851	30.583	321	1164.253	18.705
322	1165.459	21.285	323	1167.112	30.341	324	1182.508	77.948
325	1185.070	15.769	326	1196.657	13.900	327	1200.730	150.932
328	1205.542	20.671	329	1214.730	156.595	330	1215.744	92.541
331	1219.709	18.226	332	1226.004	31.230	333	1230.185	15.647
334	1240.288	32.854	335	1243.197	8.785	336	1244.548	9.771
337	1251.588	23.126	338	1253.805	57.112	339	1256.004	42.482
340	1260.174	40.515	341	1269.096	188.033	342	1275.311	11.691
343	1282.037	11.502	344	1284.573	120.239	345	1285.768	89.581

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346	1285.983	32.122	347	1290.771	23.044	348	1292.269	22.434
349	1298.527	33.174	350	1302.581	25.810	351	1305.829	19.084
352	1309.358	12.731	353	1309.892	32.599	354	1310.353	44.709
355	1313.305	23.917	356	1322.619	10.457	357	1328.665	276.552
358	1340.441	2.922	359	1348.664	3.524	360	1363.018	3.050
361	1371.180	4.706	362	1380.018	8.578	363	1384.718	1.759
364	1387.949	1.504	365	1393.495	0.755	366	1399.622	1.530
367	1404.844	2.687	368	1407.681	2.029	369	1410.343	3.816
370	1415.291	2.732	371	1417.862	0.277	372	1419.710	0.685
373	1423.525	0.265	374	1426.766	0.993	375	1429.780	1.641
376	1433.182	0.293	377	1434.922	0.363	378	1441.607	1.671
379	1444.063	1.187	380	1447.242	1.728	381	1449.562	0.523
382	1451.860	1.911	383	1456.810	0.949	384	1461.660	1.369
385	1467.565	4.799	386	1479.094	0.891	387	1481.743	3.993
388	1484.297	7.096	389	1491.583	10.932	390	1493.966	3.915
391	1498.715	1.841	392	1503.409	0.548	393	1506.473	0.270
394	1513.014	0.535	395	1516.205	5.107	396	1523.038	1.090
397	1526.482	1.248	398	1527.824	0.563	399	1530.414	0.668
400	1536.799	6.522	401	1542.454	0.486	402	1544.961	0.692
403	1547.163	0.644	404	1549.399	4.546	405	1554.404	0.457
406	1558.067	0.506	407	1564.670	1.267	408	1567.773	0.268
409	1570.103	0.215	410	1572.042	0.406	411	1574.493	0.308
412	1579.248	0.840	413	1582.186	0.573	414	1585.889	0.295
415	1587.560	0.307	416	1589.982	0.302	417	1591.291	0.389
418	1594.366	1.135						

Calculated Masses:

NSNFFNYSELLK

N-Term.	Ion	a	b	b-17	b-18	b+18	y	y-17	i	C-Term.	Ion
1	N	87.055	115.050	98.024	97.040	133.061	147.113	130.110	87.055	11	K
2	S	174.087	202.082	185.056	184.072	220.093	260.197	243.194	60.044	10	L
3	N	288.130	316.125	299.099	298.115	334.136	373.281	356.278	87.055	9	L
4	F	435.199	463.194	446.167	445.183	481.204	502.324	485.321	120.080	8	E
5	N	549.242	577.236	560.210	559.226	595.247	589.356	572.353	87.055	7	S
6	Y	712.305	740.300	723.273	722.289	758.310	752.419	735.416	136.075	6	Y
7	S	799.337	827.332	810.305	809.321	845.342	866.462	849.459	60.044	5	N
8	E	928.380	956.374	939.348	938.364	974.385	1013.530	996.527	102.054	4	F
9	L	1041.464	1069.459	1052.432	1051.448	1087.469	1127.573	1110.570	86.096	3	N
10	L	1154.548	1182.543	1165.516	1164.532	1200.553	1214.605	1197.602	86.096	2	S
11	K	1282.643	1310.638	1293.611	1292.627	1328.648	1328.648	1311.645	101.107	1	N

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Matched Sequences:

De Novo Result

De Novo

Entries: Calc. MH+ Meas. Mr Calc. Mr Dev.(Da) Score MascotScore Sequence

MSMS 11328.648 1327.682 1327.641 0.041 3694 - NSNFNYSSELLK