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Acq. Operator	: SYSTEM	Seq. Line	: 4
Sample Operator	: SYSTEM		
Acq. Instrument	: 1260 LC	Location	: 12
Injection Date	: 27/07/2023 20:30:56	Inj	: 1

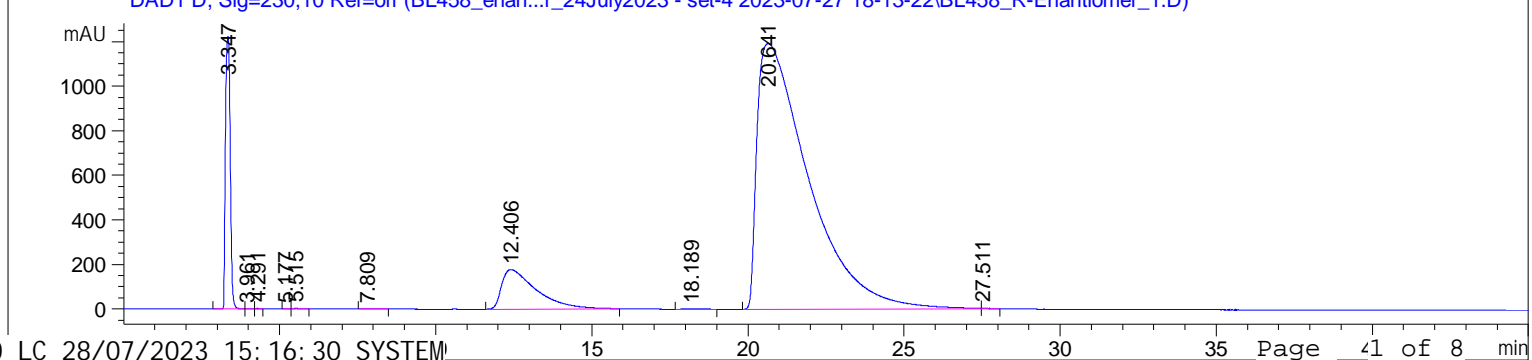
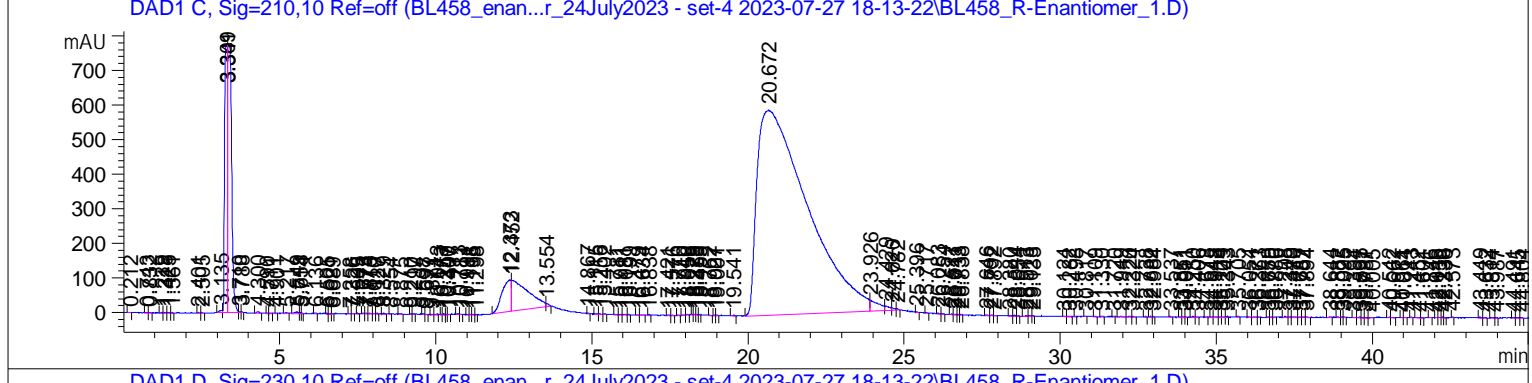
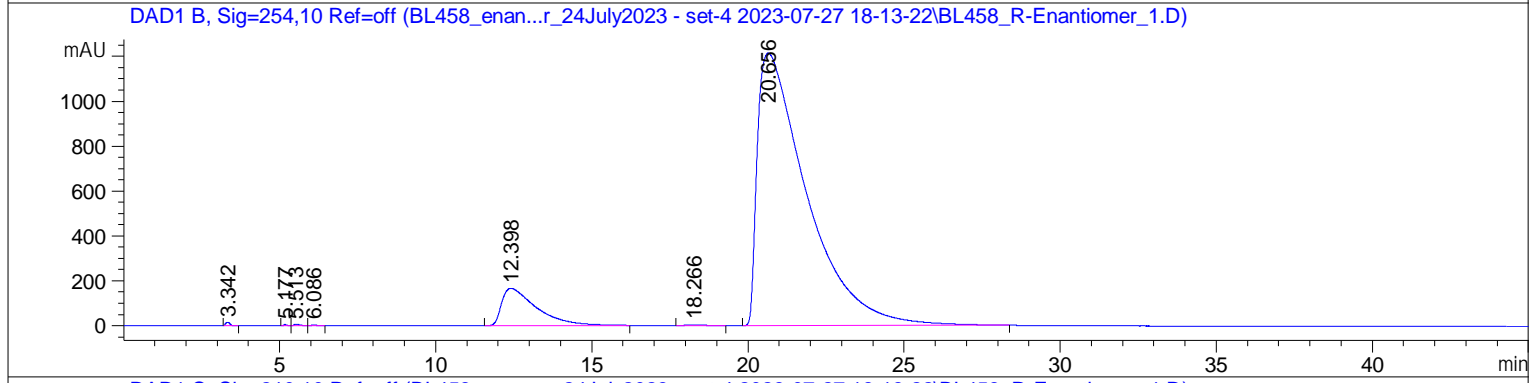
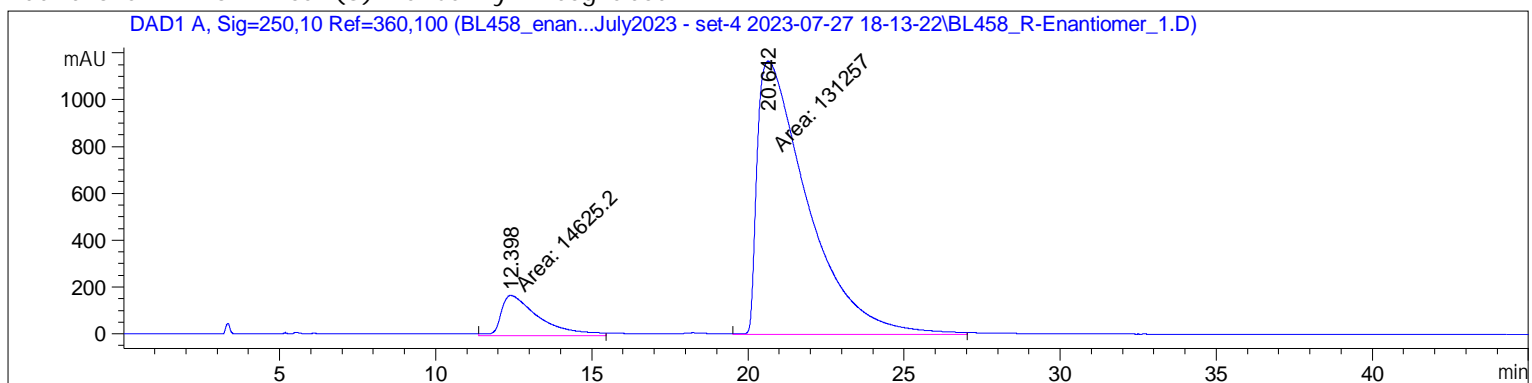
Inj Volume : 1.000 µl
 Different Inj Volume from Sample Entry! Actual Inj Volume : 5.000 µl

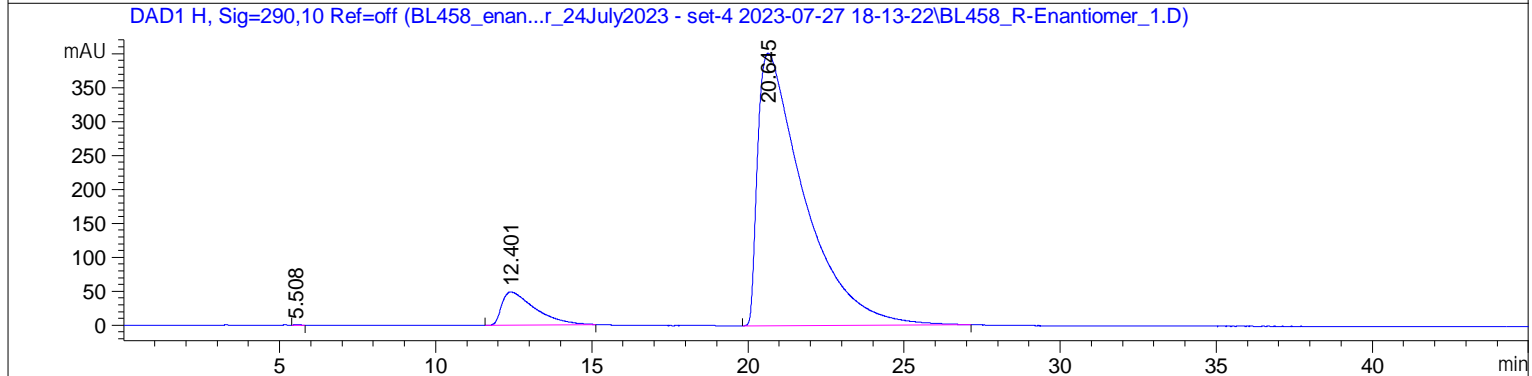
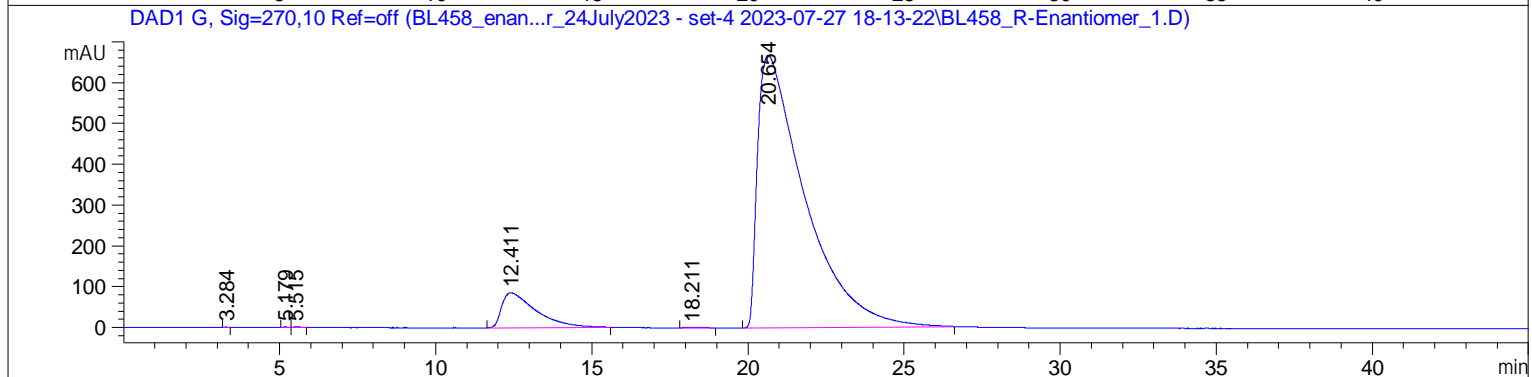
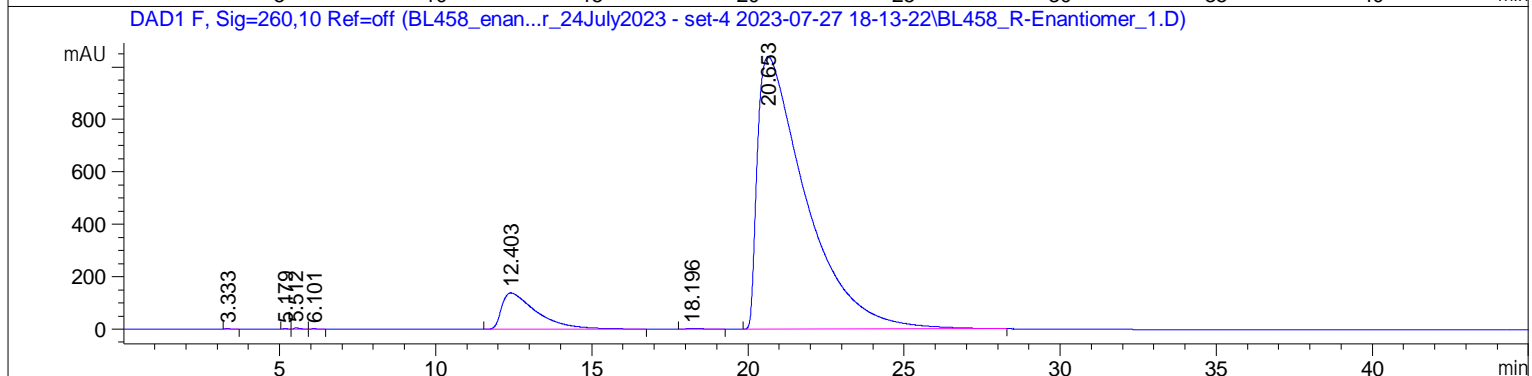
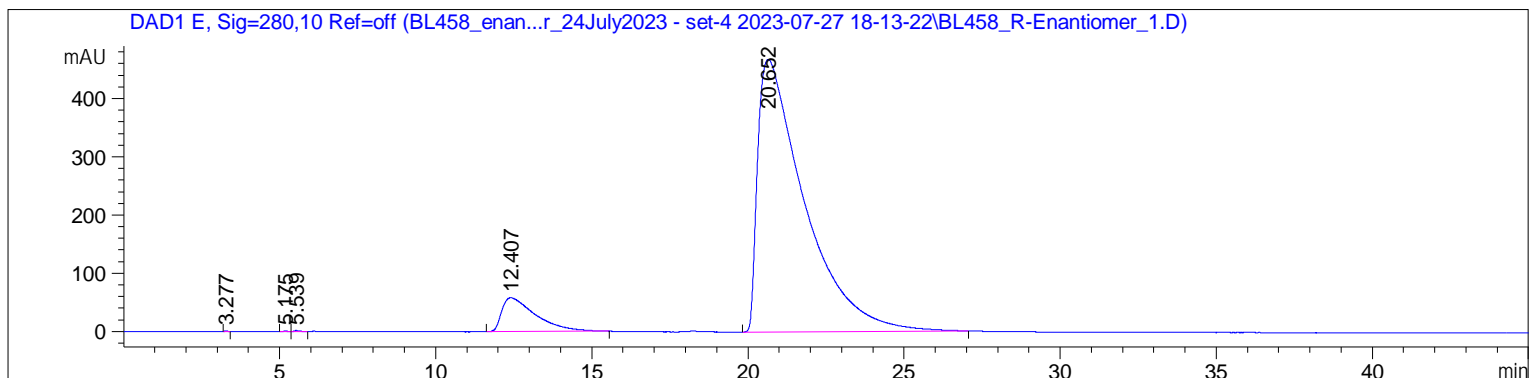
Method : C:\Users\Public\Documents\ChemStation\1\Data\BL458_enantiomer_24July2023 - set-4 2023-07-27 18-13-22\IB_30\IPA_70\HEX_45\MIN.M (Sequence Method)

Last changed : 27/07/2023 18:09:14 by SYSTEM

Sample Info : BL458_R-Enantiomer_1; Chiral HPLC of racemic of BINOL-Phen-DIOL; Analytical ; 5 µm, Column Size: 0.46 cm.I.D. x 25 cmL; Column Chiralpak-IB; Temp: 30 degree Celcius; UV wavelength: 250 nm; Flow Rate: 1 ml/min; Injection: 5 microlitres; Solvent: n-Hexane/Isopropanol = 70:30; Pressure: 50 bar; Sample Conc. 4 mg/ml in 0.75 mL of Isopropanol/EtOAc (2:1).

Additional Info : Peak(s) manually integrated





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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=250, 10 Ref=360, 100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	12.398	MM	1.4171	1.46252e4	172.01189	10.0253
2	20.642	MM	1.8717	1.31257e5	1168.77441	89.9747

Totals : 1.45883e5 1340.78630

Signal 2: DAD1 B, Sig=254, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.342	BB	0.1483	139.29681	15.28784	0.0948
2	5.177	BB	0.1025	29.60741	4.29278	0.0201
3	5.513	BB	0.1651	74.73459	6.17955	0.0509
4	6.086	BB	0.1809	28.54090	2.20594	0.0194
5	12.398	BB	1.0410	1.28593e4	166.87953	8.7512
6	18.266	BB	0.5057	183.47215	4.35363	0.1249
7	20.656	BB	1.4177	1.33627e5	1216.36340	90.9387

Totals : 1.46942e5 1415.56268

Signal 3: DAD1 C, Sig=210, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	0.212	VV	0.0698	6.57587	1.32724	7.716e-3
2	0.743	VV	0.0721	10.74789	1.95525	0.0126
3	0.832	VV	0.0662	8.66079	1.62373	0.0102
4	1.229	BB	0.0520	5.29068	1.40432	6.208e-3
5	1.318	BV	0.0586	6.35350	1.40810	7.455e-3
6	1.425	VV	0.0811	10.13873	1.72694	0.0119
7	1.561	VB	0.0547	5.33779	1.45769	6.263e-3
8	2.401	VV	0.0603	8.17466	1.97353	9.591e-3
9	2.505	VB	0.0556	8.66060	2.31805	0.0102
10	3.135	BV	0.1032	44.49999	6.23653	0.0522
11	3.309	VV	0.0911	4452.48975	774.26532	5.2242
12	3.341	VV	0.1135	6999.22754	774.23761	8.2123
13	3.710	VV	0.0528	10.10679	3.03666	0.0119
14	3.788	VB	0.0523	6.05874	1.84373	7.109e-3
15	4.300	VV	0.1020	32.16047	4.57833	0.0377
16	4.590	VB	0.0560	7.23006	2.00793	8.483e-3
17	4.711	BB	0.0538	8.63833	2.19923	0.0101
18	4.901	VV	0.0466	5.56436	1.59955	6.529e-3
19	5.217	VB	0.0888	14.40434	2.18827	0.0169
20	5.549	VV	0.1098	37.81739	4.41872	0.0444
21	5.658	VV	0.0463	7.59220	2.44023	8.908e-3
22	5.714	VB	0.0412	5.45566	2.03957	6.401e-3

Sample Name: BL458-R-Enantiomer_1

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
23	6.136	VV	0.0726	11.91602	2.45555	0.0140
24	6.505	VB	0.0452	5.16192	1.81639	6.057e-3
25	6.621	BV	0.0484	5.05325	1.53391	5.929e-3
26	6.689	VB	0.0514	5.66021	1.76611	6.641e-3
27	7.258	VV	0.0684	5.87171	1.25922	6.889e-3
28	7.326	VB	0.0743	7.24757	1.61731	8.504e-3
29	7.505	BB	0.0442	5.27734	1.91262	6.192e-3
30	7.675	BV	0.0631	8.48341	1.86288	9.954e-3
31	7.774	VV	0.0588	7.55013	1.96534	8.859e-3
32	7.875	VV	0.0827	11.59582	1.76365	0.0136
33	8.010	VV	0.0727	9.25526	1.66941	0.0109
34	8.127	VV	0.0663	9.79391	1.89626	0.0115
35	8.329	BB	0.0668	11.64792	2.31084	0.0137
36	8.554	VV	0.0520	5.57550	1.54956	6.542e-3
37	8.875	BV	0.0796	9.25998	1.48509	0.0109
38	9.210	VV	0.0455	5.06669	1.57456	5.945e-3
39	9.297	VV	0.0615	5.46969	1.28815	6.418e-3
40	9.598	VV	0.0686	11.54876	2.46816	0.0136
41	9.697	VV	0.0525	6.16699	1.77740	7.236e-3
42	9.871	BV	0.0604	9.58416	2.21711	0.0112
43	10.043	VV	0.0833	14.96726	2.59492	0.0176
44	10.173	VV	0.0478	5.99765	1.85023	7.037e-3
45	10.257	VB	0.0595	8.30585	2.33746	9.745e-3
46	10.340	BV	0.0436	5.09980	1.88345	5.984e-3
47	10.407	VB	0.0653	8.55358	1.69453	0.0100
48	10.713	BV	0.0599	7.22995	1.92314	8.483e-3
49	10.781	VB	0.0564	6.17282	1.42804	7.243e-3
50	10.991	BV	0.0615	6.70562	1.58089	7.868e-3
51	11.118	VV	0.0563	5.20610	1.36986	6.108e-3
52	11.195	VB	0.0661	5.82417	1.47330	6.834e-3
53	11.298	BV	0.0474	7.37652	2.18346	8.655e-3
54	12.373	BV	0.2453	1819.99109	91.00497	2.1354
55	12.452	VV	0.4487	3352.89380	89.16660	3.9340
56	13.554	VB	0.0837	54.99472	9.20378	0.0645
57	14.867	VV	0.0504	5.33925	1.54030	6.265e-3
58	15.115	BV	0.0690	9.82219	1.81767	0.0115
59	15.256	VB	0.0708	6.01880	1.19322	7.062e-3
60	15.402	BV	0.0631	7.27694	1.48681	8.538e-3
61	15.781	VB	0.0755	7.39698	1.35838	8.679e-3
62	15.911	BV	0.0526	5.87516	1.68738	6.893e-3
63	16.081	VB	0.0797	13.95262	2.40549	0.0164
64	16.199	BV	0.0599	6.97059	1.56723	8.179e-3
65	16.479	BV	0.0574	6.75419	1.53448	7.925e-3
66	16.634	VB	0.0824	9.07204	1.64314	0.0106
67	16.838	VV	0.0591	10.05539	2.49004	0.0118
68	17.421	BV	0.0759	7.38975	1.27028	8.670e-3
69	17.576	VB	0.0536	6.21956	1.66413	7.297e-3
70	17.770	VB	0.0631	9.15601	2.26588	0.0107
71	17.940	BB	0.0688	8.63035	1.77339	0.0101
72	18.056	BB	0.0532	7.24022	2.04888	8.495e-3
73	18.225	VV	0.0456	5.26799	1.82733	6.181e-3
74	18.279	VV	0.0508	8.73205	2.37941	0.0102
75	18.355	VV	0.0668	8.89975	2.04419	0.0104
76	18.455	VV	0.0597	7.13731	1.90657	8.374e-3

Sample Name: BL458-R-Enantiomer_1

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
77	18.762	VB	0.0589	6.74777	1.75432	7.917e-3
78	18.927	BV	0.0465	5.47024	1.85021	6.418e-3
79	19.001	VB	0.0598	5.38284	1.50333	6.316e-3
80	19.541	VB	0.0950	16.23432	2.12891	0.0190
81	20.672	VV	1.3142	6.63745e4	591.91302	77.8781
82	23.926	VV	0.2392	618.93488	31.49897	0.7262
83	24.429	VV	0.1296	128.07480	12.70783	0.1503
84	24.620	VV	0.0854	42.56509	6.76718	0.0499
85	24.782	VB	0.0634	17.16882	3.61554	0.0201
86	25.396	VV	0.0596	5.60125	1.37300	6.572e-3
87	25.717	BV	0.0596	9.65253	2.27022	0.0113
88	26.083	BB	0.0670	11.84385	2.70772	0.0139
89	26.254	BV	0.0564	9.22390	2.32095	0.0108
90	26.527	BV	0.0599	8.10190	1.97486	9.506e-3
91	26.611	VV	0.0705	7.00944	1.35173	8.224e-3
92	26.733	VV	0.0612	5.68106	1.40386	6.666e-3
93	26.838	VB	0.0574	7.52849	2.12002	8.833e-3
94	27.646	VB	0.0701	12.39469	2.25561	0.0145
95	27.792	BV	0.0582	9.42928	2.38223	0.0111
96	27.892	VB	0.0555	5.20116	1.22558	6.103e-3
97	28.380	VB	0.0815	8.87908	1.53487	0.0104
98	28.544	BV	0.0537	9.08666	2.54509	0.0107
99	28.654	VV	0.0561	7.10099	1.87684	8.332e-3
100	28.913	BB	0.0719	9.27800	1.80823	0.0109
101	29.028	BV	0.0601	10.52429	2.55225	0.0123
102	29.133	VV	0.0501	6.38121	1.68691	7.487e-3
103	30.124	VV	0.0584	5.81435	1.29381	6.822e-3
104	30.282	VB	0.0816	11.91326	1.88859	0.0140
105	30.498	VB	0.0625	6.39580	1.75708	7.504e-3
106	30.817	VV	0.0456	5.23598	1.71802	6.143e-3
107	31.109	VV	0.0574	6.25664	1.41937	7.341e-3
108	31.330	BV	0.0917	10.08897	1.47669	0.0118
109	31.720	BV	0.0602	6.18088	1.56027	7.252e-3
110	31.949	BB	0.1021	13.74397	1.74177	0.0161
111	32.220	BV	0.0806	9.77369	1.71229	0.0115
112	32.324	VB	0.0700	8.24851	1.65779	9.678e-3
113	32.738	VB	0.0647	5.33902	1.22956	6.264e-3
114	32.882	VV	0.0567	6.08100	1.34626	7.135e-3
115	32.984	VB	0.0569	5.65078	1.61374	6.630e-3
116	33.537	BV	0.0452	5.65215	1.87105	6.632e-3
117	33.851	VV	0.0542	7.83493	2.06880	9.193e-3
118	33.951	VV	0.0627	8.98763	1.98802	0.0105
119	34.011	VB	0.0662	6.33950	1.59715	7.438e-3
120	34.250	VV	0.0693	13.28083	2.90891	0.0156
121	34.406	VB	0.0763	12.06768	2.33590	0.0142
122	34.673	BB	0.0584	6.72388	1.84916	7.889e-3
123	34.845	VV	0.0664	6.49703	1.39452	7.623e-3
124	34.948	VB	0.0812	11.67242	1.81152	0.0137
125	35.124	BV	0.0550	6.47535	1.84119	7.598e-3
126	35.209	VV	0.0776	12.72518	2.07488	0.0149
127	35.343	VB	0.0442	6.32913	2.04155	7.426e-3
128	35.705	BV	0.0594	7.35716	1.89248	8.632e-3
129	36.054	BB	0.0550	5.82934	1.65880	6.840e-3
130	36.271	BB	0.0823	10.68859	1.77363	0.0125

Sample Name: BL458-R-Enantiomer_1

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
131	36.363	BV	0.0536	7.49483	1.83714	8.794e-3
132	36.659	VV	0.0685	8.63362	1.61092	0.0101
133	36.770	VB	0.0595	8.95286	2.29492	0.0105
134	36.886	BV	0.0737	8.98917	1.95451	0.0105
135	37.208	VB	0.0693	12.58598	2.56303	0.0148
136	37.349	BV	0.0494	5.57769	1.74083	6.544e-3
137	37.470	VB	0.0955	13.91858	1.99234	0.0163
138	37.687	BV	0.0578	6.84779	1.74249	8.035e-3
139	37.782	VV	0.0653	8.23484	1.80086	9.662e-3
140	37.894	VV	0.0797	9.23854	1.54634	0.0108
141	38.644	BV	0.0719	11.81540	2.30207	0.0139
142	38.882	BB	0.0639	8.36835	1.87983	9.819e-3
143	39.025	BV	0.0417	5.92714	2.18021	6.954e-3
144	39.095	VV	0.0718	7.61278	1.48496	8.932e-3
145	39.394	VB	0.0673	6.40615	1.21971	7.516e-3
146	39.595	BV	0.0847	13.48624	2.10535	0.0158
147	39.697	VV	0.0699	8.55503	1.72470	0.0100
148	39.781	VB	0.0647	9.54938	2.03758	0.0112
149	40.005	BV	0.0754	7.34407	1.35070	8.617e-3
150	40.542	BV	0.0534	7.14044	1.92127	8.378e-3
151	40.662	VB	0.0855	10.48346	1.53920	0.0123
152	40.961	VV	0.0592	7.85855	1.78935	9.221e-3
153	41.014	VB	0.0463	5.23614	1.51493	6.144e-3
154	41.243	VB	0.0480	5.38920	1.74421	6.323e-3
155	41.452	VV	0.0943	9.83924	1.36091	0.0115
156	41.601	VB	0.0568	7.36959	1.76218	8.647e-3
157	41.846	BV	0.0628	6.85928	1.70856	8.048e-3
158	42.045	BV	0.0676	5.91352	1.28668	6.938e-3
159	42.130	VV	0.0685	6.81716	1.36025	7.999e-3
160	42.238	VV	0.0508	6.92515	1.88711	8.125e-3
161	42.330	VV	0.0485	5.65547	1.62772	6.636e-3
162	42.573	VB	0.0439	5.45765	1.99430	6.404e-3
163	43.449	VB	0.0591	11.21234	2.66368	0.0132
164	43.632	BB	0.0693	8.04806	1.63759	9.443e-3
165	43.814	VV	0.0722	9.51655	1.72925	0.0112
166	43.987	VB	0.0582	5.34283	1.24156	6.269e-3
167	44.491	BV	0.0671	5.64242	1.07671	6.620e-3
168	44.645	VV	0.0812	8.60759	1.30156	0.0101
169	44.804	VB	0.0711	7.77814	1.48412	9.126e-3

Totals : 8.52287e4 2682.72651

Signal 4: DAD1 D, Sig=230,10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.347	BV	0.1700	1.27881e4	1222.73535	7.8205
2	3.961	VV	0.1507	12.81817	1.12670	7.839e-3
3	4.291	VB	0.0886	13.82935	2.28405	8.457e-3
4	5.177	BB	0.0919	10.01511	1.58039	6.125e-3
5	5.515	BB	0.1931	34.71088	2.48333	0.0212

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
6	7.809	BV	0.2883	48.04528	2.02865	0.0294
7	12.406	BB	1.0192	1.36260e4	177.97229	8.3328
8	18.189	BB	0.4453	111.64396	3.01999	0.0683
9	20.641	BV	1.3489	1.36839e5	1194.16614	83.6828
10	27.511	VV	0.2197	36.99477	2.05842	0.0226

Totals : 1.63522e5 2609.45530

Signal 5: DAD1 E, Sig=280, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.277	BB	0.1064	8.30650	1.12108	0.0156
2	5.175	BB	0.1067	8.81689	1.21463	0.0166
3	5.539	BB	0.1656	22.69306	1.72406	0.0428
4	12.407	BB	0.9805	4416.71191	58.38866	8.3210
5	20.652	BB	1.3741	4.86228e4	468.00101	91.6040

Totals : 5.30793e4 530.44945

Signal 6: DAD1 F, Sig=260, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.333	BB	0.1293	30.36428	3.30058	0.0246
2	5.179	BB	0.1031	22.27253	3.28630	0.0180
3	5.512	BV	0.1688	59.13362	4.76317	0.0479
4	6.101	VB	0.1601	22.79535	1.87158	0.0185
5	12.403	BB	1.0537	1.07881e4	138.66026	8.7368
6	18.196	BB	0.4889	119.12231	2.93857	0.0965
7	20.653	BB	1.4018	1.12437e5	1041.28308	91.0577

Totals : 1.23479e5 1196.10354

Signal 7: DAD1 G, Sig=270, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.284	BB	0.0996	9.02805	1.23092	0.0118
2	5.179	BV	0.1013	13.38930	1.96943	0.0175
3	5.515	VB	0.1731	34.62476	2.70954	0.0452
4	12.411	BB	0.9921	6495.00684	85.70862	8.4729
5	18.211	BV	0.4537	62.18003	1.61300	0.0811
6	20.654	BB	1.3632	7.00417e4	668.06152	91.3715

Totals : 7.66560e4 761.29303

Signal 8: DAD1 H, Sig=290, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.508	BB	0.1668	16.64711	1.27120	0.0369
2	12.401	BB	0.9677	3641.99854	49.19648	8.0750
3	20.645	BB	1.3705	4.14434e4	401.41809	91.8881

Totals : 4.51020e4 451.88577

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*** End of Report ***