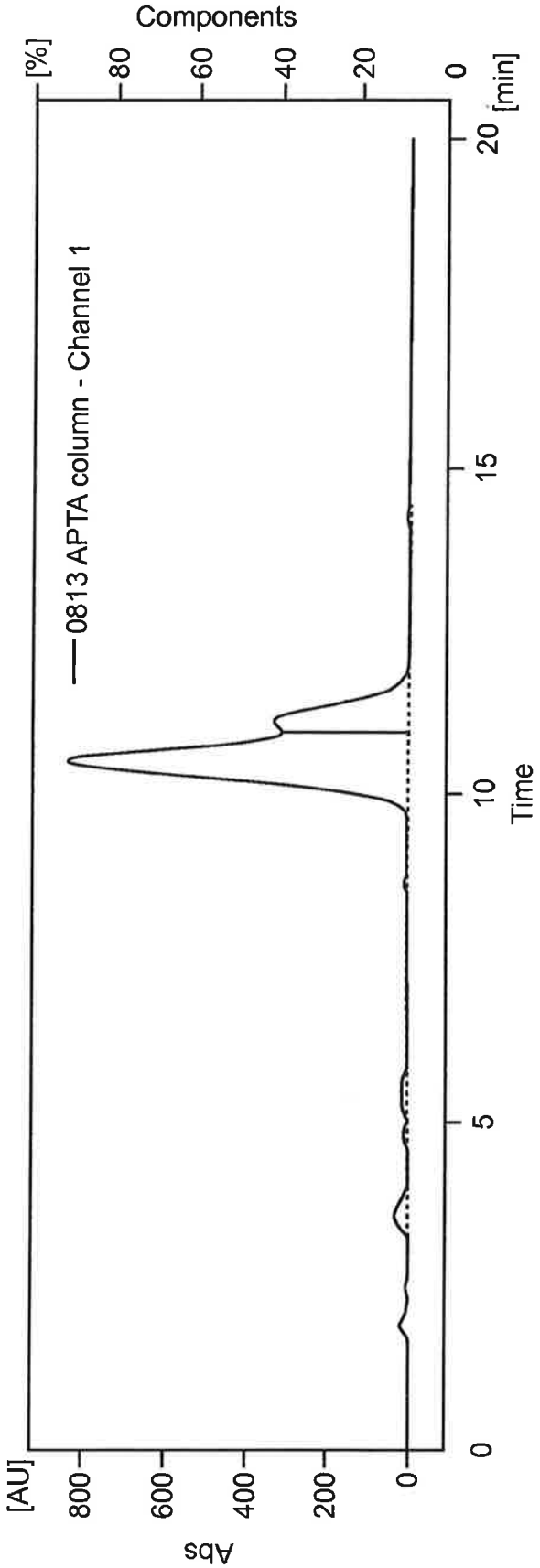
FIG. 1A



Result Table (Uncal - 0813 APTA column - Channel 1)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	3.557	926.835	32.478	2.2
2	4.853	248.330	7.706	0.6
3	5.427	430.800	12.110	1.0
4	8.593	12.505	0.485	0.0
5	10.503	30344.332	839.556	73.4
6	11.120	9320.006	331.485	22.6
7	14.610	41.645	1.230	0.1
	Total	41324.453	1225.050	100.0

FIG. 1B

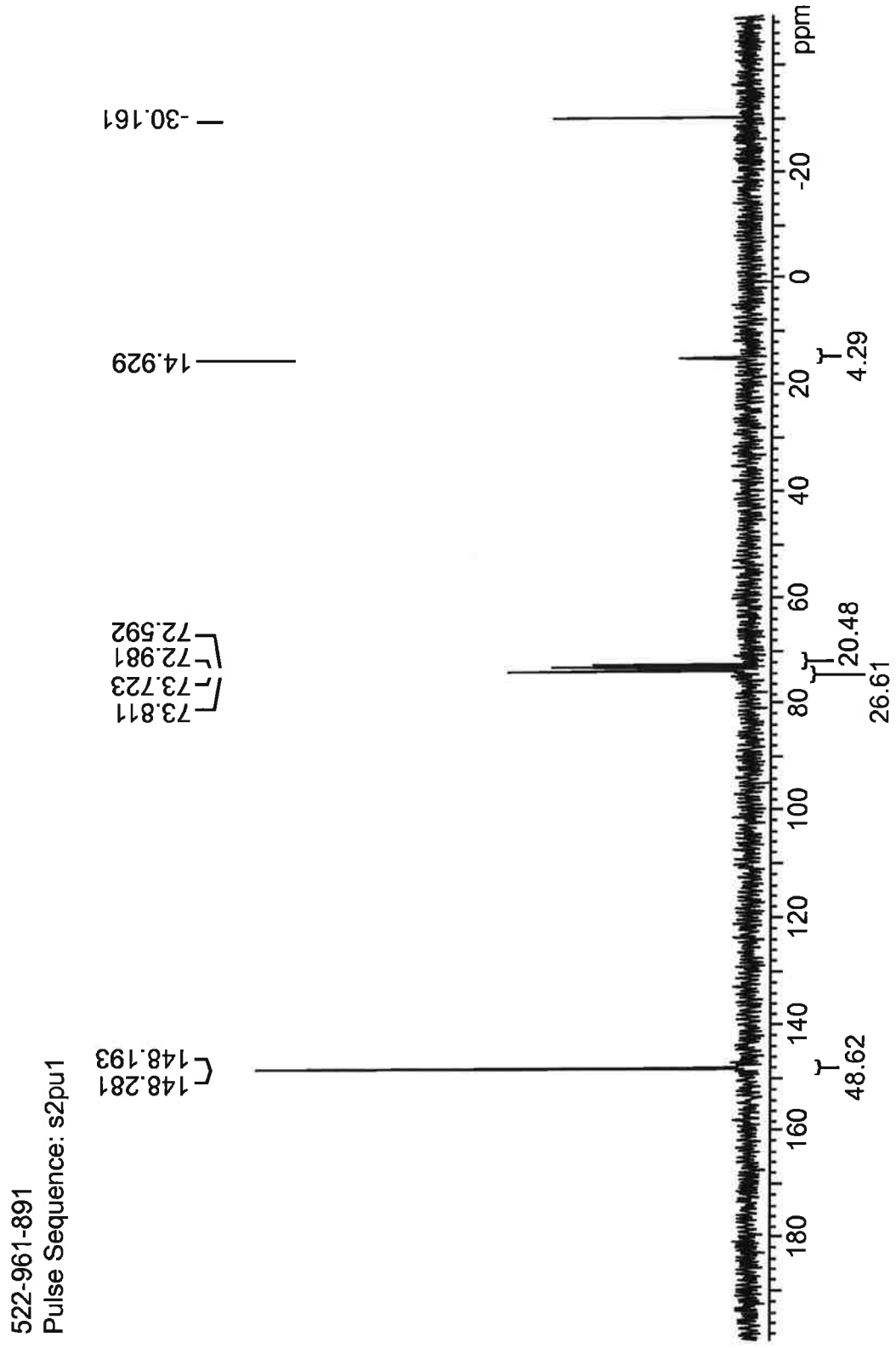
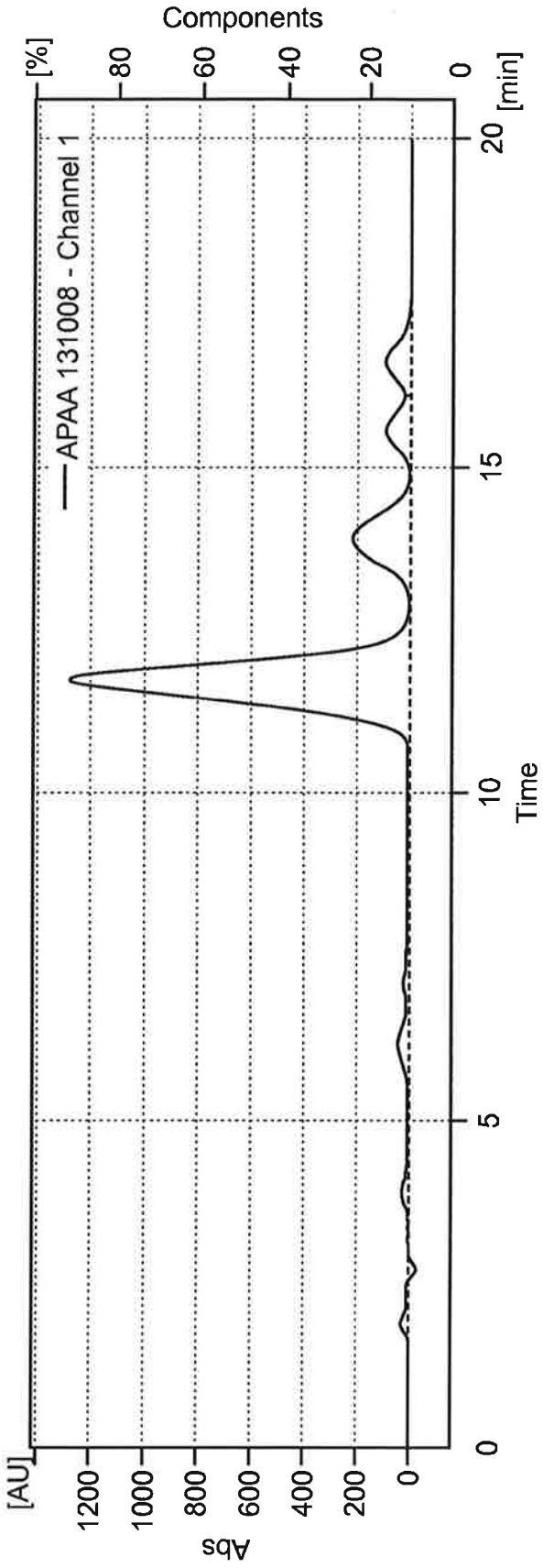

522-961-891
Pulse Sequence: s2pu1
148.281
148.193
73.811
73.723
72.981
72.592
14.929
-30.161
ppm
48.62
26.61
20.48
4.29

FIG. 2A



Result Table (Uncal - APAA 131008 - Channel 1)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	3.890	683.024	21.161	0.9
2	6.157	1547.356	37.841	2.1
3	7.043	832.950	15.650	1.1
4	9.713	33.979	0.981	0.0
5	11.740	53142.367	1282.119	71.5
6	13.903	10883.314	214.185	14.6
7	15.543	3501.138	93.342	4.7
8	16.587	3742.492	93.843	5.0
	Total	74366.620	1759.121	100.0

FIG. 2B

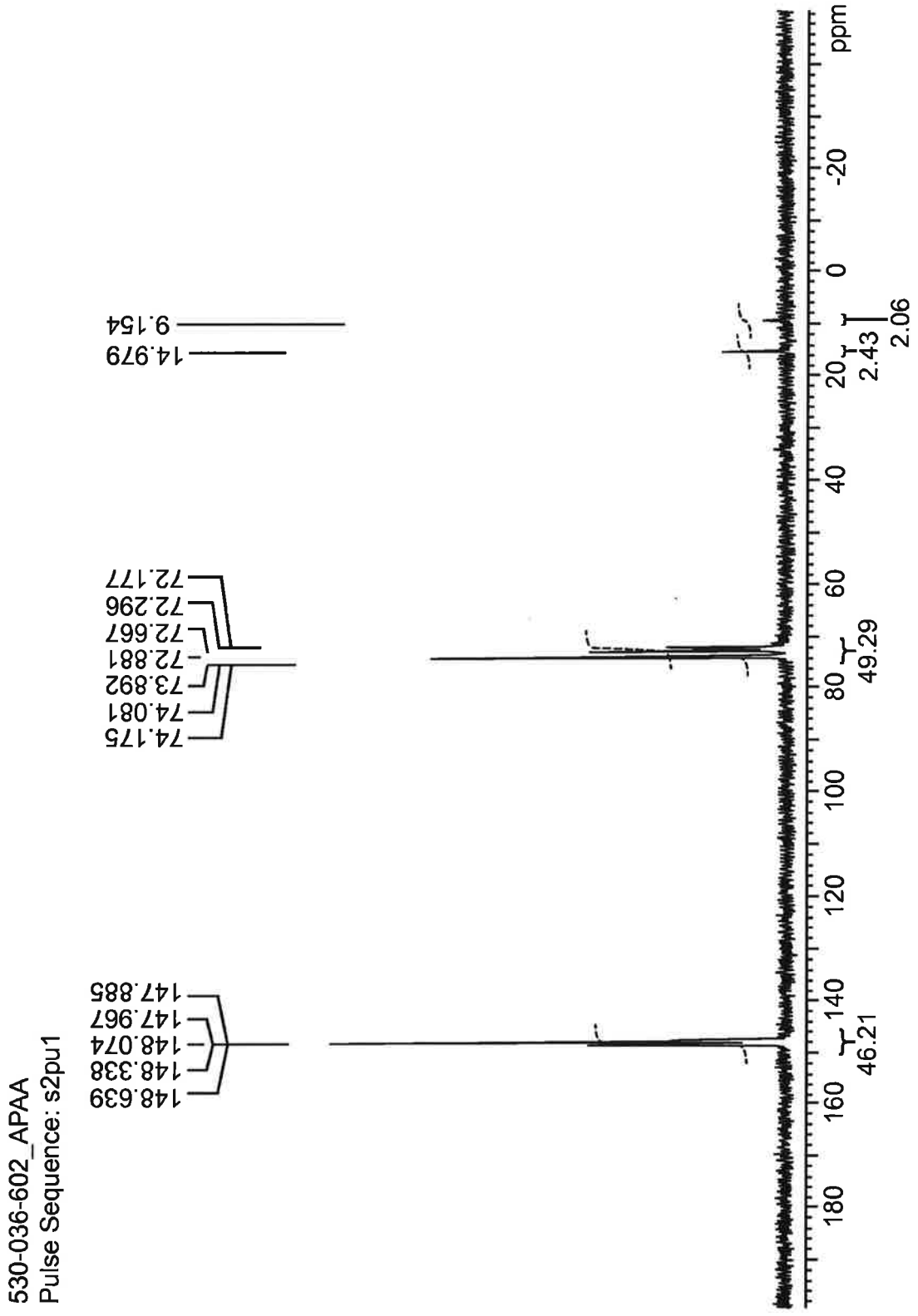
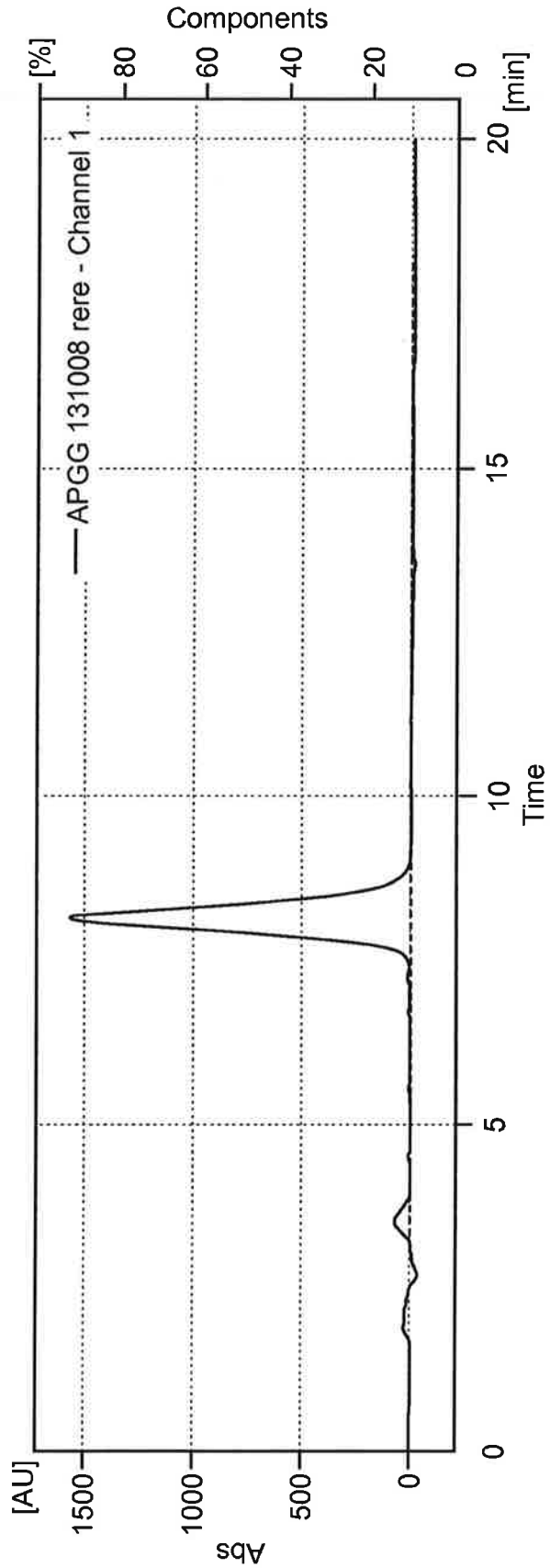

530-036-602_APAA
Pulse Sequence: s2pu1
148.639
148.338
148.074
147.967
147.885
74.175
74.081
73.892
72.881
72.667
72.296
72.177
14.979
9.154
ppm
46.21
49.29
2.43
2.06

FIG. 3A



Result Table (Uncal - APGG 131008 rere - Channel 1)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	3.530	1726.515	70.546	3.6
2	4.473	167.636	5.052	0.3
3	5.543	111.014	4.805	0.2
4	6.220	84.336	3.982	0.2
5	7.487	387.810	16.415	0.8
6	8.120	45390.847	1580.744	94.5
7	10.147	31.679	1.149	0.1
8	11.213	111.591	3.775	0.2
	Total	48011.427	1686.468	100.0

FIG. 3B

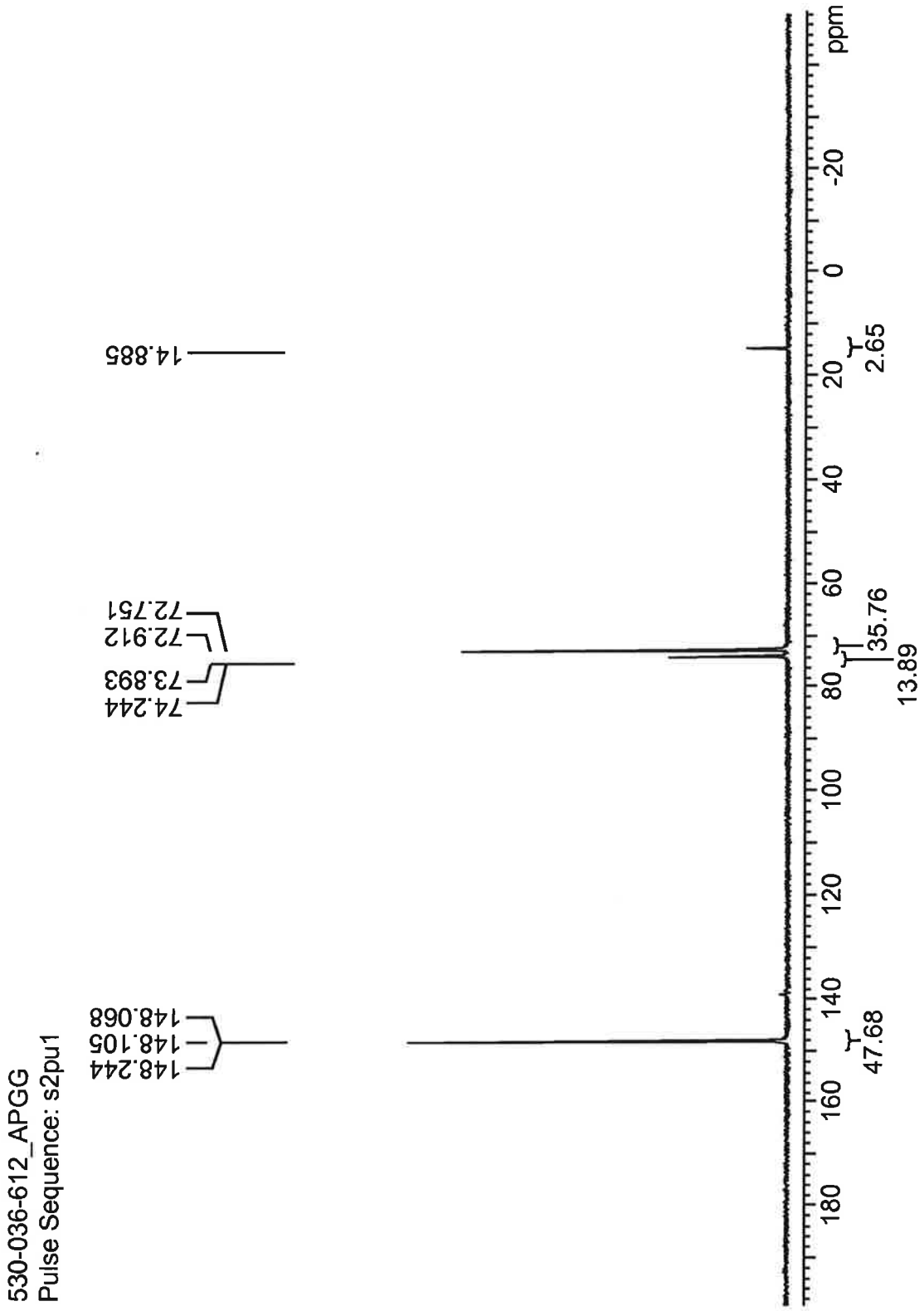
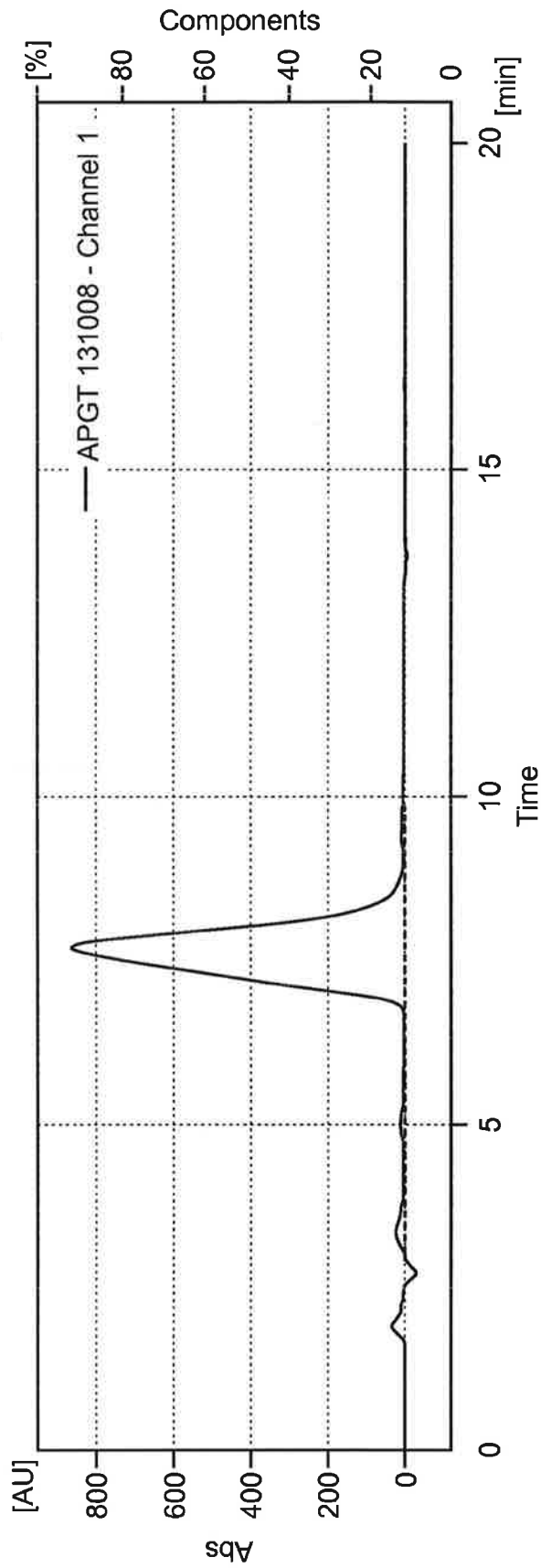

530-036-612_APGG
Pulse Sequence: s2pu1
148.244
148.105
148.068
74.244
73.893
72.912
72.751
14.885
ppm
180
160
140
120
100
80
60
40
20
0
-20
47.68
35.76
13.89
2.65

FIG. 4A



Result Table (Uncal - APGT 131008 - Channel 1)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	3.333	944.000	23.530	2.1
2	4.980	412.032	9.308	0.9
3	5.543	321.186	6.399	0.7
4	7.650	42081.239	864.466	95.3
5	9.353	388.891	5.485	0.9
	Total	44147.348	909.188	100.0

FIG. 4B

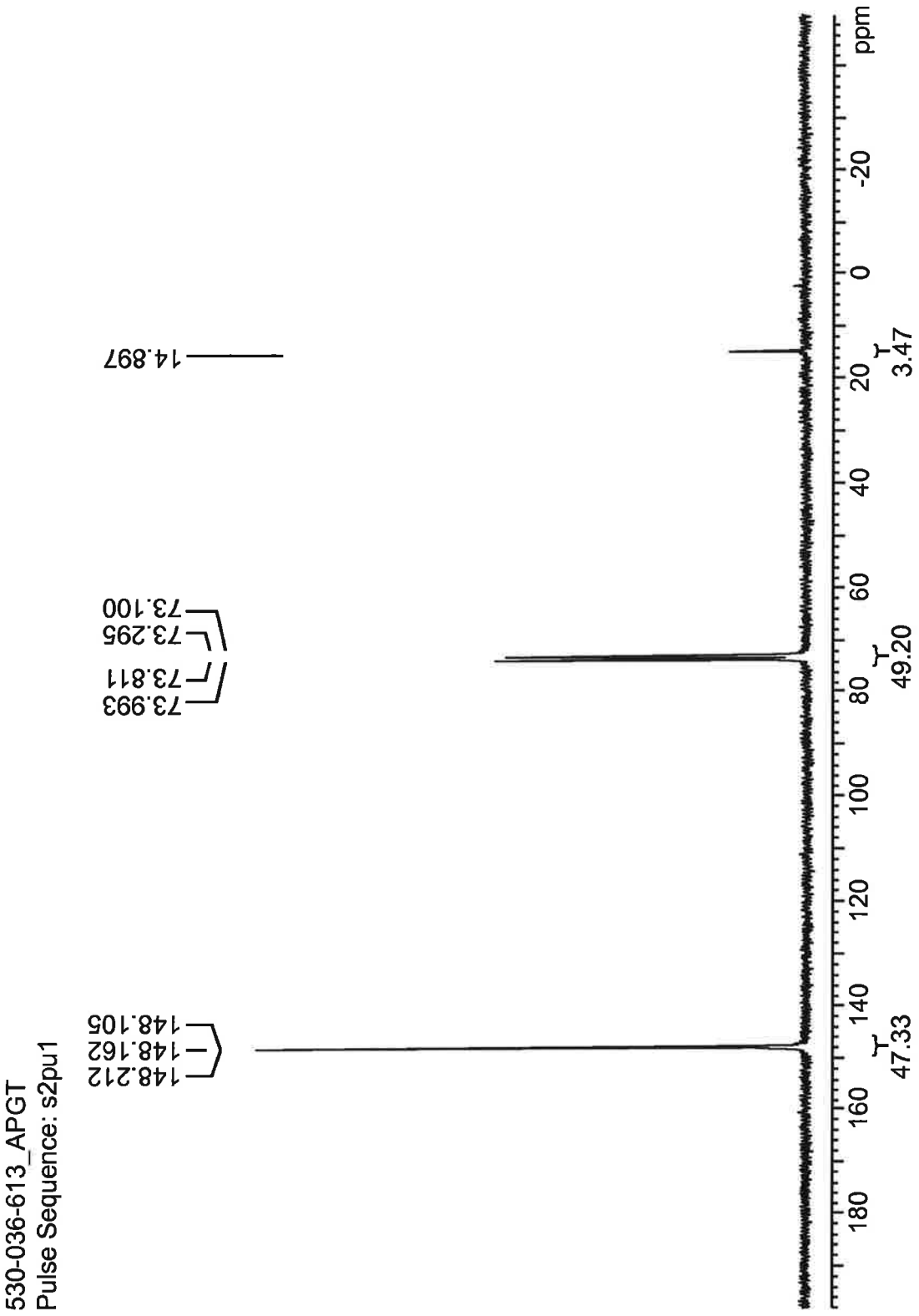
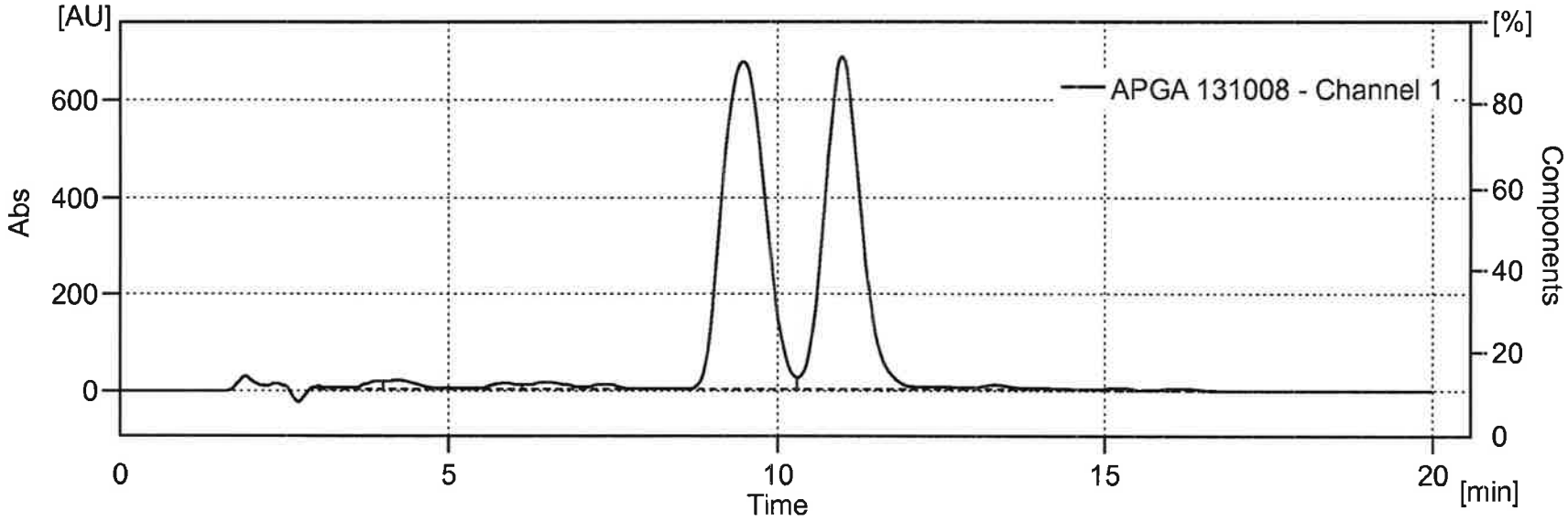

530-036-613_APGT
Pulse Sequence: s2pu1
148.212
148.162
148.105
73.993
73.811
73.295
73.100
14.897
47.33
49.20
3.47
ppm

FIG. 5A



Result Table (Uncal - APGT 131008 - Channel 1)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]
1	3.940	244.344	14.351	0.4
2	4.233	539.181	16.577	0.9
3	5.843	297.336	10.208	0.5
4	6.467	496.091	13.150	0.8
5	7.343	245.806	7.818	0.4
6	9.463	30522.359	670.507	51.8
7	10.980	26153.247	679.925	44.4
8	13.297	175.913	5.393	0.3
9	15.070	90.029	2.819	0.2
10	16.083	106.327	2.935	0.2
	Total	58870.634	1423.682	100.0

FIG. 5B

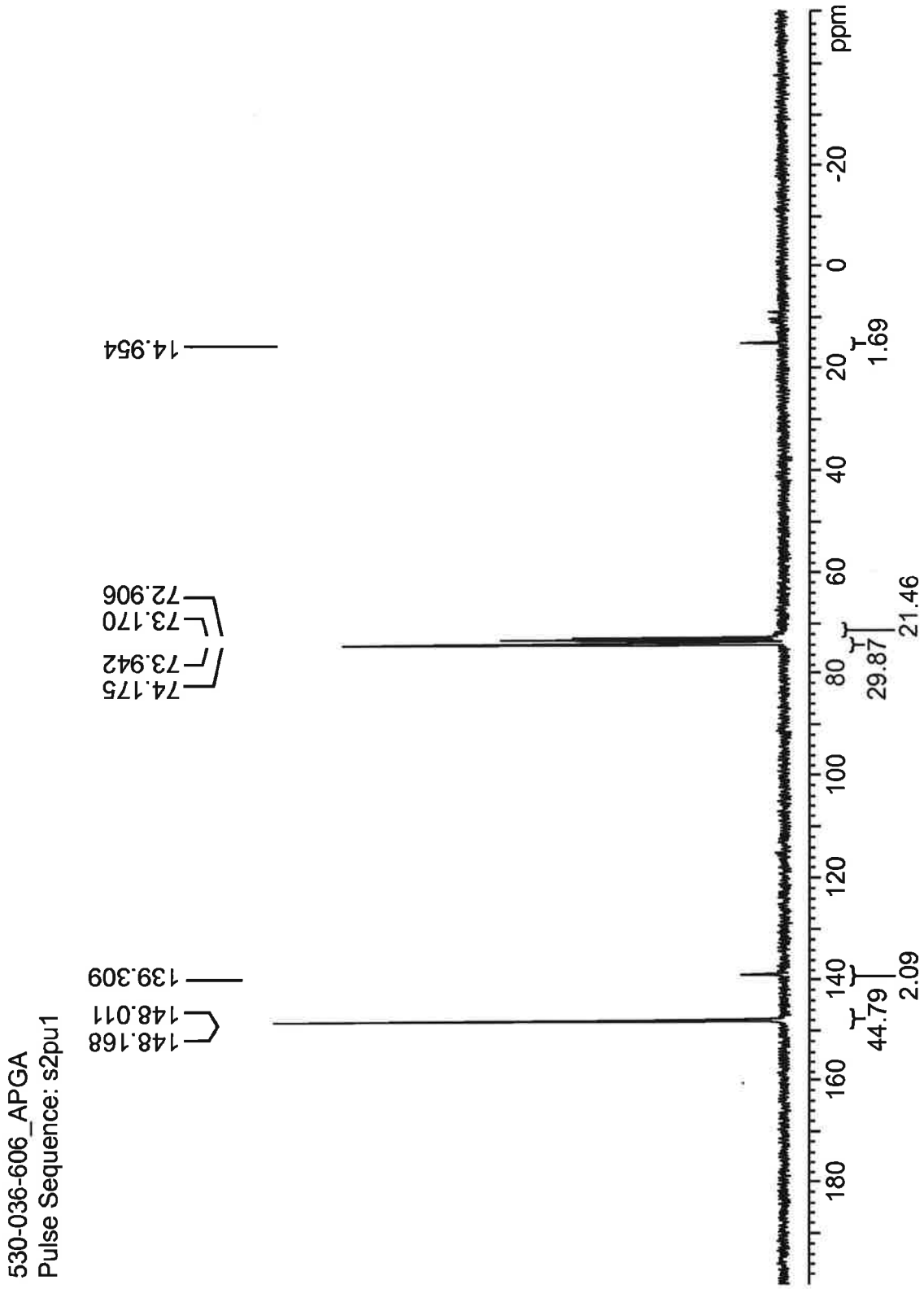

530-036-606_APGA
Pulse Sequence: s2pu1
148.168
148.011
139.309
74.175
73.942
73.170
72.906
14.954
ppm
180
160
140
120
100
80
60
40
20
0
-20
44.79
2.09
29.87
21.46
1.69

FIG. 6A

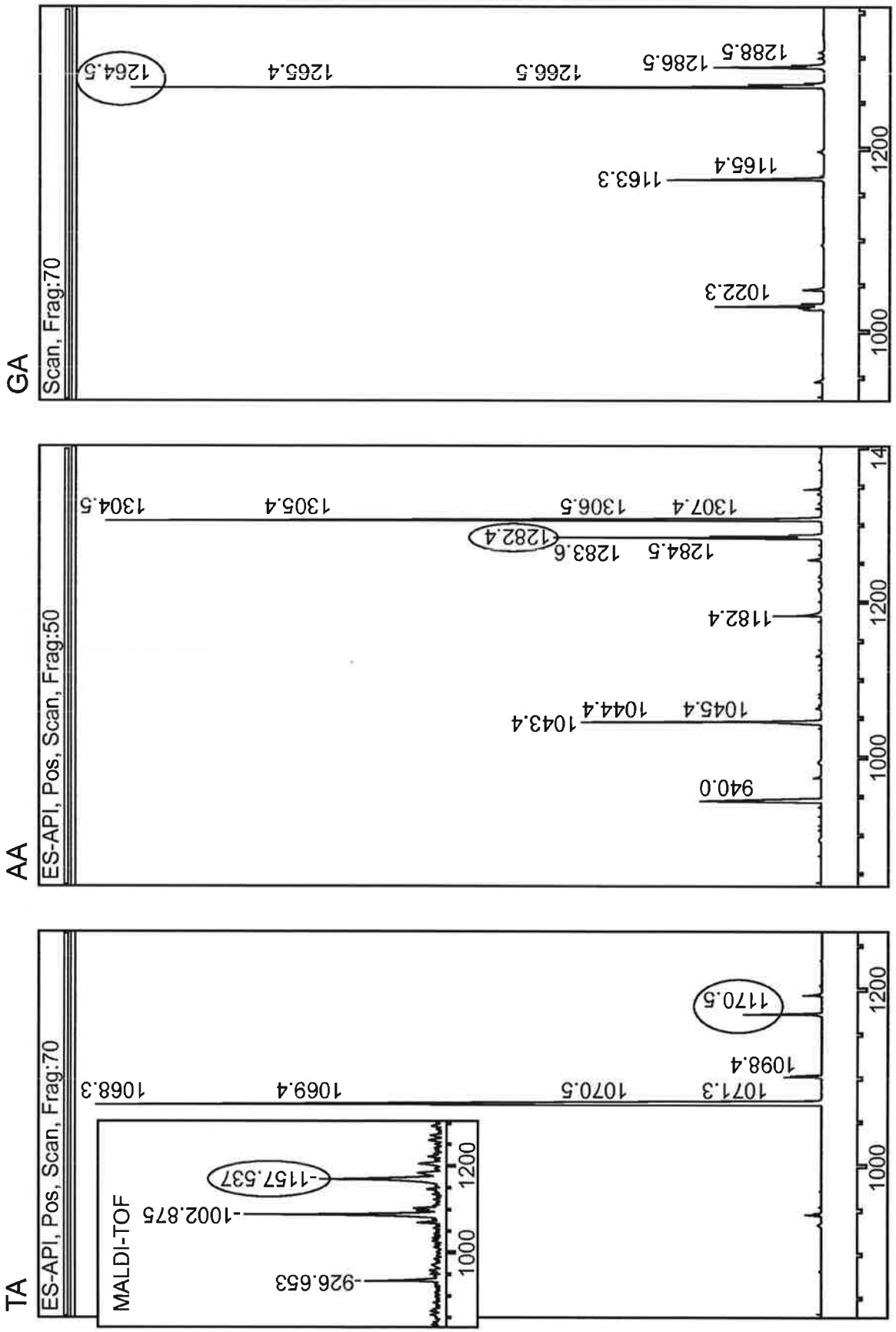

TA
ES-API, Pos, Scan, Frag:70
MALDI-TOF
1157.537
1002.875
926.653
1068.3
1069.4
1070.5
1071.3
1098.4
1170.5
AA
ES-API, Pos, Scan, Frag:50
1304.5
1305.4
1306.5
1307.4
1282.4
1283.6
1284.5
1182.4
1043.4
1044.4
1045.4
940.0
GA
Scan, Frag:70
1264.5
1265.4
1266.5
1286.5
1288.5
1163.3
1165.4
1022.3
1000
1200

FIG. 6B

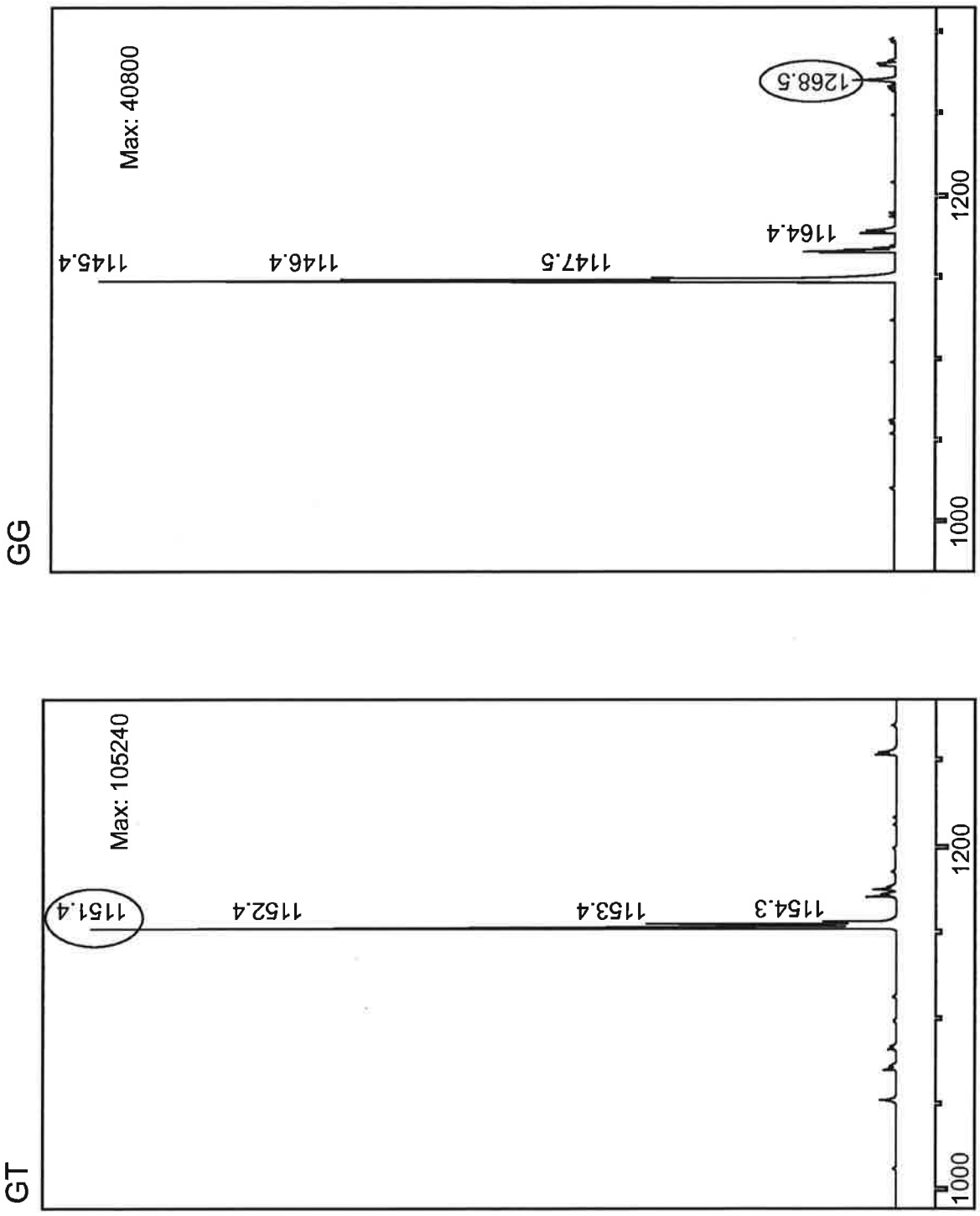
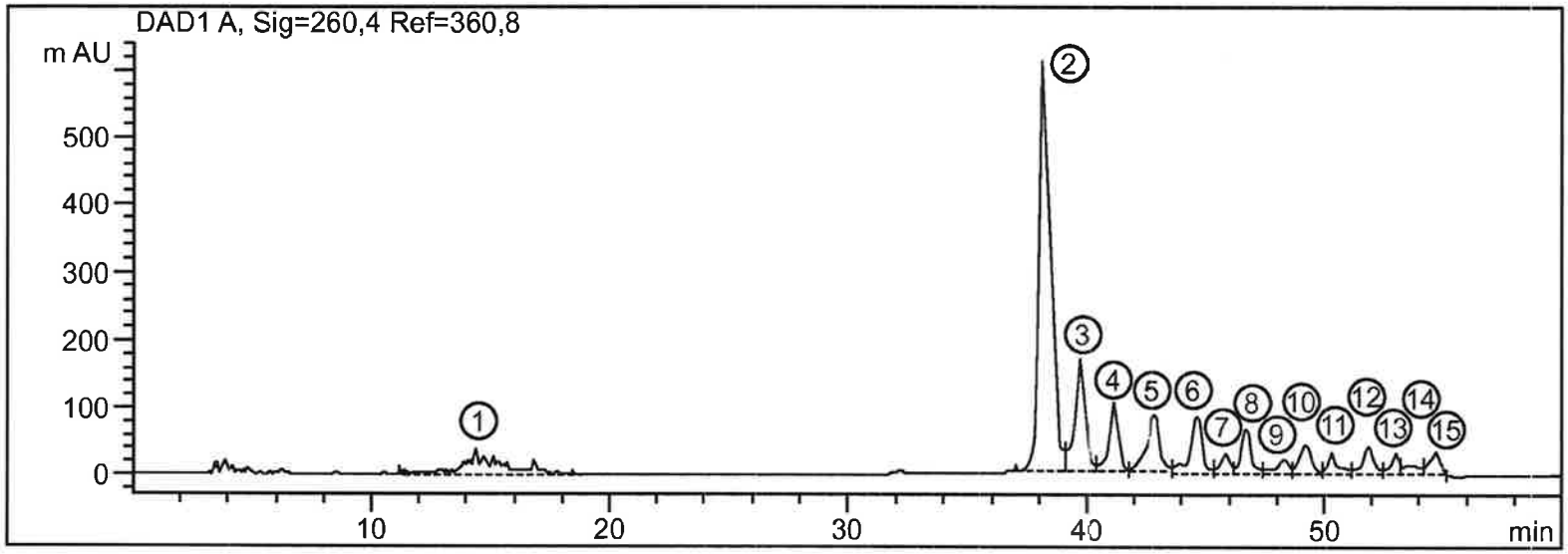

GG
Max: 40800
1145.4
1146.4
1147.5
1164.4
1268.5
1000
1200
GT
Max: 105240
1151.4
1152.4
1153.4
1154.3
1000
1200

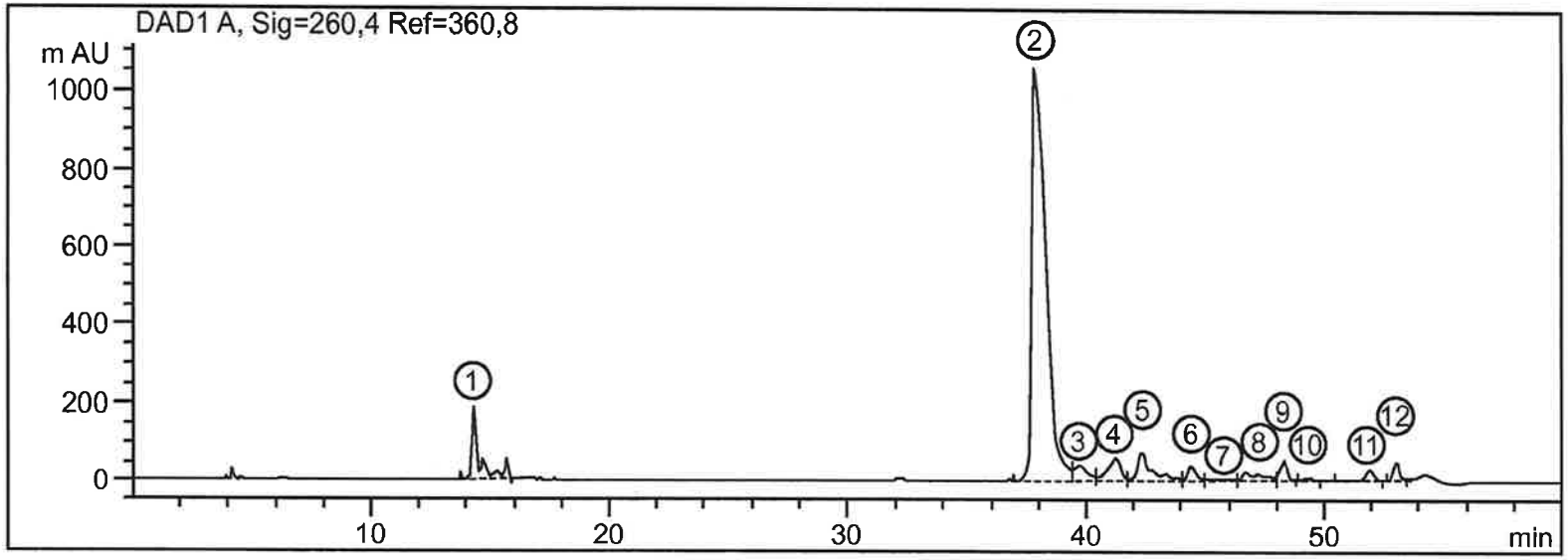
FIG. 7



Signal 1: DAD1A, Sig=260, 4 Ref=360,8

Peak #	Reten. Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	14.351	MM	1.3428	3049.04346	37.84385	6.1692
2	38.185	MF	0.6051	2.19306e4	604.03412	44.3729
3	39.756	MF	0.5388	5442.11719	168.33372	11.0112
4	41.191	MF	0.4944	3098.60327	104.45583	6.2695
5	42.867	MF	0.6396	3392.55371	88.39773	6.8643
6	44.667	MF	0.5744	2941.21948	85.34209	5.9511
7	45.869	MF	0.4522	756.01624	27.86593	1.5297
8	46.732	MF	0.4561	1895.68347	69.27336	3.8356
9	48.335	MF	0.5734	743.65094	21.61706	1.5047
10	49.248	MF	0.5933	1568.34546	44.05754	3.1733
11	50.315	MF	0.4816	928.79987	32.14064	1.8793
12	51.866	MF	0.5346	1350.28284	42.09404	2.7321
13	53.023	MF	0.3815	750.43585	32.78460	1.5184
14	53.607	MF	0.7460	613.24054	13.69989	1.2408
15	54.707	FM	0.5027	962.75043	31.92237	1.9480
		Totals:		4.94233e4	1403.86277	

FIG. 8



Signal 1: DAD1A, Sig=260, 4 Ref=360,8

Peak #	Reten. Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	14.297	MM	0.3289	3623.52319	183.63403	6.1565
2	37.881	MF	0.6886	4.35741e4	1054.70142	74.0343
3	39.764	FM	0.6084	1453.00427	39.80315	2.4687
4	41.269	FM	0.6541	2267.20410	57.76622	3.8521
5	42.377	MF	0.6595	3004.52759	75.93487	5.1048
6	44.469	FM	0.4059	953.07678	39.13720	1.6193
7	45.981	FM	0.6801	134.64066	3.29974	0.2288
8	46.754	MF	0.8563	1150.84033	22.39912	1.9553
9	48.331	FM	0.3501	1082.63159	51.54351	1.8394
10	49.313	MM	0.4398	186.19765	7.05598	0.3164
11	51.937	MM	0.4624	659.89532	23.78648	1.1212
12	53.050	MM	0.2866	766.97327	44.60481	1.3031
		Totals:		5.88566e4	1603.66652	