

Supplementary table 2: All molecular features measured in descending order based on level of identification and m/z value

Legend: red / blue background, increased / decreased compared to placebo; gray background, p or q value < 0.05; AC, acylcarnitine; BrAc=0, breath alcohol concentration = 0.00; d, Cohen's d effect size; FA, fatty acid; LPC, lysophosphocholine; LPE, lysophosphoethanolamine; p, raw p-value; PC, phosphocholine; Post-LD, post loading dose; Post-AC, post alcohol clamp; q, false discovery rate corrected q-value

Feature_ID	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo					Area Under the Curve (AUC)		IV-Ghrelin or Placebo					IV-AC				
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d
HILICpos_120.0655_5.8	HILIC	pos	5.8	120.0655	Threonine	74.0602 (100), 56.0501 (45), 102.0548 (40), 120.0652 (20), 84.0441 (5)	1	HMD8000167	0.49744	0.77461	0.23	0.42	0.94	0.40	0.15	-0.57	0.03323	0.37479	1.30	0.94	1.31	1.43	1.20	1.10	0.06			
HILICneg_124.0077_5.41	HILIC	neg	5.41	124.0077	Taurine	124.0079 (100), 79.9576 (55), 106.9814 (5)	1	HMD80000251	0.52529	0.79066	0.19	0.42	0.50	0.15	0.41	0.81	0.07004	0.50701	0.10	-0.10	0.17	0.22	0.23	0.24	-0.54			
HILICpos_126.0219_5.33	HILIC	pos	5.33	126.0219	Taurine	126.0219 (100), 108.0110 (50)	1	HMD80000251	0.59041	0.81932	0.17	0.48	0.47	0.18	0.44	0.51	0.06742	0.59052	0.13	-0.15	0.14	0.27	0.24	0.32	-0.45			
HILICneg_130.0514_1.65	HILIC	neg	1.65	130.0514	N-Acetyl-L-alanine	88.0410 (100), 130.0506 (5), 61.9883 (3)	1	HMD80000756	0.60251	0.83031	-0.14	0.04	0.42	0.01	0.18	-0.05	0.02175	0.31168	0.32	0.25	0.51	0.40	0.46	0.31	-0.20			
HILICpos_130.0864_4.95	HILIC	pos	4.95	130.0864	p-Pipecolic acid	84.0808 (100), 130.0865 (80), 74.0966 (5), 57.0705 (3)	1	HMD80000716	0.10280	0.43550	0.55	0.51	0.84	0.66	0.68	0.53	0.22552	0.74228	0.60	0.55	0.66	0.62	0.59	0.64	0.64			
HILICneg_131.0466_6.29	HILIC	neg	6.29	131.0466	L-Asparagine	114.0198 (100), 113.0366 (60), 70.0297 (45), 95.0257 (30), 131.0467 (25), 72.0091 (15), 71.0252 (10), 58.0294 (5)	1	HMD80000168	0.66795	0.86123	0.09	0.20	0.67	0.42	-0.03	-0.66	0.00266	0.10318	0.55	0.46	0.56	1.04	0.47	0.14	-0.59			
HILICpos_132.0766_5.57	HILIC	pos	5.57	132.0766	Creatine	132.0766 (100), 90.0552 (95), 114.0661 (5), 87.0559 (5), 115.0500 (2)	1	HMD80000064	0.21979	0.56178	-0.25	-0.08	0.10	-0.19	-0.31	-0.28	0.02657	0.34375	-0.08	0.03	0.00	0.21	-0.08	-0.18	-0.49			
HILICpos_132.102_3.95	HILIC	pos	3.95	132.1020	Leucine	86.0968 (100), 132.1011 (70)	1	HMD80000687	0.57802	0.81714	0.14	0.30	1.35	0.30	-0.08	-0.67	0.01921	0.29348	0.82	0.42	1.51	1.79	0.72	0.16	-0.43			
HILICpos_133.0607_6.25	HILIC	pos	6.25	133.0607	L-Asparagine	74.0240 (100), 87.0550 (80), 133.0612 (30), 116.0338 (20)	1	HMD80000168	0.83303	0.93719	0.05	0.20	0.67	0.51	-0.09	-0.69	0.00912	0.20279	0.59	0.43	0.65	1.02	0.44	0.20	-0.62			
HILICpos_133.0969_7.14	HILIC	pos	7.14	133.0969	Ornithine	70.0657 (100), 116.0705 (85), 115.0863 (15), 133.0976 (5)	1	HMD80000214	0.67808	0.86643	0.10	0.34	0.55	0.08	-0.04	-0.07	0.00491	0.14733	0.09	0.08	0.09	0.48	0.06	-0.12	-0.19			
HILICpos_137.0456_1.38	HILIC	pos	1.38	137.0456	Hypoxanthine	137.0463 (100), 119.0347 (3), 110.0345 (2), 94.0399 (2)	1	HMD80000157	0.39961	0.70831	-0.26	-0.15	0.37	-0.40	-0.11	0.58	0.31680	0.81306	0.56	0.06	0.23	1.00	0.80	1.17	-0.32			
HILICpos_137.0709_2.13	HILIC	pos	2.13	137.0709	1-Methylnicotinamide	137.0706 (100), 94.0650 (5)	1	HMD80000699	0.99789	0.99910	0.00	-0.08	0.18	-0.09	0.05	0.56	0.00149	0.07291	2.36	1.81	2.15	2.53	2.93	2.53	1.14			
HILICpos_138.0549_4.18	HILIC	pos	4.18	138.0549	Trigonelline	138.0547 (100), 94.0650 (3), 110.0596 (3), 92.0498 (2)	1	HMD80000875	0.39000	0.70135	-0.24	-0.04	-0.20	-0.24	-0.19	-0.11	0.13379	0.63100	-0.61	-0.47	-0.48	-0.60	-0.64	-0.64	-0.50			
HILICpos_139.0500_1.06	HILIC	pos	1.06	139.0500	Urocanic acid	139.0495 (100), 121.0395 (60), 95.0603 (10), 93.0443 (5), 97.0651 (5)	1	HMD80000031	0.55682	0.80773	-0.04	0.15	0.34	0.00	0.01	-0.31	0.41268	0.86451	0.25	0.57	1.13	-0.10	-0.04	-0.02	-0.16			
HILICpos_144.1018_4.24	HILIC	pos	4.24	144.1018	Proline betaine	144.1012 (100)	1	HMD80004827	0.45022	0.74416	-0.13	-0.03	-0.07	-0.03	-0.14	-0.33	0.73363	0.95843	0.04	-0.09	-0.06	-0.05	0.46	0.03	-0.19			
HILICneg_145.062_6.17	HILIC	neg	6.17	145.0620	L-Glutamine	127.0521 (100), 145.0627 (80), 115.9212 (50), 128.0360 (45), 109.0407 (30), 84.0458 (30), 74.0248 (15), 101.0727 (15)	1	HMD80000641	0.89504	0.96183	-0.01	0.11	0.46	0.13	0.14	-0.17	0.00417	0.13364	0.34	0.43	0.49	0.58	0.41	0.21	-0.13			
HILICneg_146.0462_6.41	HILIC	neg	6.41	146.0462	L-Glutamic acid	102.0563 (100), 128.0359 (50), 146.0457 (35)	1	HMD80000148	0.24231	0.58303	-0.28	-0.21	-0.16	-0.22	-0.15	-0.30	0.00856	0.19791	-0.63	-0.64	-0.67	-0.17	-0.74	-0.70	-0.22			
RPpos_146.0603_2.82	RP	pos	2.82	146.0603	Indole-3-carboxaldehyde	118.0648 (100), 146.0603 (80)	1	HMD80029737	0.12375	0.45914	-0.25	0.20	0.58	-0.07	-0.58	-0.67	0.88594	0.98286	-0.05	-0.01	0.06	0.13	0.12	-0.19	-0.44			
HILICpos_147.0764_6.13	HILIC	pos	6.13	147.0764	L-Glutamine	130.0498 (100), 84.0449 (75), 123.9638 (20), 147.0753 (15), 101.0712 (10)	1	HMD80000641	0.72486	0.88798	0.05	0.17	0.53	0.18	0.18	-0.15	0.00875	0.19987	0.35	0.41	0.37	0.61	0.47	0.28	-0.10			
HILICpos_147.1127_7.08	HILIC	pos	7.08	147.1127	Lysine	84.0808 (100), 130.0866 (75), 147.1128 (15)	1	HMD80000182	0.95061	0.98160	0.04	0.35	0.51	0.08	-0.17	-0.49	0.00586	0.16148	0.57	0.70	0.79	1.26	0.34	0.04	-0.27			
HILICpos_148.0606_6.37	HILIC	pos	6.37	148.0606	L-Glutamic acid	84.0443 (100), 102.0549 (50), 130.0498 (50), 148.1113 (20)	1	HMD80000148	0.17825	0.52406	-0.31	-0.19	-0.16	-0.21	-0.26	-0.26	0.00532	0.15293	-0.69	-0.83	-0.81	-0.25	-0.74	-0.76	-0.19			
HILICpos_150.0584_4.61	HILIC	pos	4.61	150.0584	L-Methionine	104.0523 (100), 133.0320 (80), 56.0501 (65), 150.0573 (25), 102.0500 (25), 61.0113 (20), 87.0265 (5), 74.0602 (5)	1	HMD80000696	0.84901	0.94348	0.06	0.22	0.98	0.22	-0.19	-0.60	0.00459	0.14155	0.74	0.52	0.96	1.28	0.62	0.42	-0.48			
HILICneg_151.0267_1.76	HILIC	neg	1.76	151.0267	Xanthine	151.0262 (100), 108.0208 (35)	1	HMD80000292	0.20215	0.54699	-0.32	-0.09	-0.04	-0.46	0.03	-0.02	0.77994	0.96563	-0.16	0.32	0.05	0.38	-0.19	-0.13	-0.27			
RPneg_151.0406_4.035	RP	neg	4.035	151.0406	2-Hydroxyphenylacetic acid	107.0521 (100), 0.57827 (5)	1	HMD80000669	0.57827	0.81725	0.17	0.22	0.76	0.64	0.35	-0.40	0.23859	0.75656	0.55	-0.11	0.17	0.57	1.02	0.84	0.13			
HILICpos_151.144_1.46	HILIC	pos	1.46	151.1440	Trimethylamine N-oxide [ZM+H]	76.0763 (100), 151.1441 (3), 59.0733 (3), 58.0657 (3)	1	HMD80000925	0.09110	0.41995	0.52	0.22	0.42	0.50	0.73	0.81	0.03744	0.39437	0.21	0.29	0.24	0.20	0.19	0.16	0.24			
HILICneg_154.0625_6.98	HILIC	neg	6.98	154.0625	L-Histidine	154.0618 (100), 137.0353 (50), 93.0466 (50), 96.9701 (50), 110.0721 (20)	1	HMD80000177	0.51981	0.78761	0.17	0.25	0.80	0.46	0.08	-0.33	0.01801	0.28702	0.37	0.32	0.42	0.79	0.55	0.18	-0.26			
HILICpos_162.1125_4.79	HILIC	pos	4.79	162.1125	L-Carnitine	162.1123 (100), 103.0389 (10), 60.0814 (5)	1	HMD80000062	0.29413	0.62573	-0.15	0.09	0.14	0.11	0.06	-0.56	0.24390	0.76002	-0.12	-0.11	-0.14	-0.10	-0.11	-0.08	-0.08			
HILICpos_166.0861_3.87	HILIC	pos	3.87	166.0861	Phenylalanine	120.0802 (100), 166.0862 (10), 131.0491 (5)	1	HMD80000159	0.80712	0.92594	-0.07	0.20	1.30	0.20	-0.28	-0.78	0.00072	0.04583	1.40	0.97	2.86	2.58	1.56	0.83	-0.48			
RPpos_166.0863_2.12	RP	pos	2.12	166.0863	L-Phenylalanine	120.0811 (100), 166.0858 (10), 103.0540 (3)	1	HMD80000159	0.55584	0.80724	-0.16	0.11	1.06	0.07	-0.26	-0.69	0.00014	0.01508	1.15	0.96	2.34	2.04	1.49	1.13	-0.07			
HILICneg_168.0785_6.98	HILIC	neg	6.98	168.0785	3-Methylhistidine	168.0788 (100), 151.0513 (60), 72.0092 (25)	1	HMD80000479	0.84419	0.94184	0.11	0.17	0.42	0.20	0.14	-0.15	0.75943	0.96233	0.00	0.00	0.09	0.11	0.05	-0.06	-0.33			
HILICneg_173.1046_6.98	HILIC	neg	6.98	173.1046	L-Arginine	131.0822 (100), 173.1039 (10), 156.0789 (5), 114.0567 (2)	1	HMD80000117	0.88138	0.95611	-0.08	0.15	0.38	0.16	-0.02	-0.52	0.12327	0.61276	0.15	0.25	0.29	0.47	0.07	-0.18	-0.24			
HILICneg_174.0887_6.41	HILIC	neg	6.41	174.0887	Citulline	131.0822 (100), 174.0879 (5)	1	HMD80000904	0.04010	0.32043	-0.44	0.12	-0.05	-0.25	-0.25	-0.75	0.90008	0.98550	-0.06	0.34	0.20	0.15	-0.35	-0.39	-0.04			
HILICpos_175.1189_6.95	HILIC	pos	6.95	175.1189	L-Arginine	175.1186 (100), 60.0562 (45), 116.0706 (45), 70.0657 (40), 130.0979 (15), 158.0926 (15)	1	HMD80000517	0.86904	0.95103	0.01	0.22	0.41	0.19	-0.02	-0.52	0.06073	0.48151	0.21	0.31	0.34	0.54	0.07	-0.05	-0.25			
HILICneg_176.0391_1.32	HILIC	neg	1.32	176.0391	N-Formylmethionine	98.0253 (100), 128.0359 (80), 176.0394 (45), 84.0455 (30)	1	HMD80000105	0.60028	0.82875	-0.10	0.14	0.55	0.21	0.18	-0.33	0.22605	0.74307	0.18	0.10	0.32	0.08	0.35	0.18	-0.29			
RPpos_176.0708_5.2	RP	pos	5.2	176.0708	Indoleacetic acid	130.0653 (100), 176.0698 (20)	1	HMD80000197	0.77748	0.91243	0.04	-0.01	0.11	0.07	0.01	0.74	0.18046	0.69564	0.11	0.04	0.04	0.11	0.20	0.19	0.14			
RPpos_177.1022_1.61	RP	pos	1.61																									

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Area Under the Curve (AUC)			IV-Ghrelin or Placebo							
									p	q	d	Baseline	IV-ASA		BrAc=0	p	q	d	Baseline	Post-LD	IV-AC		Post-AC	BrAc=0				
													d	d							d	d			d	d		
RPpos_206.0811_4.74	RP	pos	4.74	206.0811	Indolelactic acid	188.0703 (100), 160.0761 (90), 206.0819 (90), 118.0648 (65), 130.0653 (50), 146.0603 (50), 170.0603 (25)	1	HMD80000671	0.57684	0.81658	0.07	0.25	0.46	0.40	0.26	-0.06	0.05405	0.46076	-0.07	-0.15	-0.10	-0.10	0.00	-0.02	0.07			
RPpos_209.0922_1.89	RP	pos	1.89	209.0922	Kynurenine	192.0644 (100), 94.0657 (95), 146.0602 (60), 136.0757 (50), 174.0548 (40), 150.0550 (35), 120.0449 (20), 74.0239 (15), 99.0079 (10), 118.0640 (10)	1	HMD80000684	0.00398	0.12882	-0.67	-0.58	-0.01	-0.68	-0.93	-0.83	0.58179	0.92438	-0.19	-0.23	-0.17	-0.23	-0.03	-0.04	-0.23			
RPneg_212.00262_2.635	RP	neg	2.635	212.0026	Indoxyl sulfate	212.0013 (100), 79.9574 (90), 80.9651 (75), 132.0451 (25)	1	HMD80000682	0.01027	0.19784	0.39	0.42	0.53	0.54	0.43	0.61	0.99811	0.99953	0.00	-0.10	-0.06	-0.01	-0.06	0.02	0.57			
HILICneg_218.1033_1.06	HILIC	neg	1.06	218.1033	Pantothenic acid (B5)	88.0409 (100), 146.0823 (55), 218.1033 (30), 71.0512 (10)	1	HMD80000210	0.09658	0.42632	0.21	0.03	0.69	0.35	0.51	-0.36	0.28554	0.79324	0.48	0.17	0.79	0.56	0.47	0.36	-0.01			
RPneg_218.10342_2.524	RP	neg	2.524	218.1034	Pantothenic acid (B5)	88.0408 (100), 146.0817 (50), 218.1030 (25), 71.0512 (10)	1	HMD80000210	0.80962	0.92703	-0.08	-0.07	0.21	0.02	0.11	-0.43	0.75999	0.96245	0.32	0.24	0.41	0.33	0.30	0.21	0.34			
HILICpos_218.1388_2.02	HILIC	pos	2.02	218.1388	AC 3:0 (Propionylcarnitine)	85.0285 (100), 218.1373 (65), 159.0643 (25), 60.0816 (15)	1	HMD80000824	0.11063	0.44551	0.46	0.45	0.90	0.70	0.37	0.41	0.96382	0.99621	0.13	0.08	0.10	0.67	0.23	0.18	-0.37			
HILICpos_232.1543_1.55	HILIC	pos	1.55	232.1543	AC 4:0 (Butyrylcarnitine)	85.0285 (100), 232.1555 (70), 173.0812 (25), 60.0814 (10), 71.0494 (2)	1	HMD80002013	0.65920	0.85739	0.08	0.15	0.46	0.33	0.22	-0.31	0.06797	0.50154	-0.05	-0.04	0.05	0.07	0.01	-0.15	-0.41			
HILICpos_235.1654_3.6	HILIC	pos	3.6	235.1654	Glycine betaine [2M+H] ⁺	118.0856 (100), 235.1640 (5), 58.0653 (1), 59.0737 (1)	1	HMD80000043	0.88926	0.95973	-0.07	0.01	0.11	0.04	-0.03	-0.44	0.00000	0.00037	0.50	0.45	0.47	0.56	0.50	0.45	0.37			
RPneg_239.09233_7.722	RP	neg	7.722	239.0923	CMPPF	195.1020 (100), 151.1137 (50), 239.0940 (25)	1	HMD80061112	0.38228	0.69575	-0.06	0.01	0.13	-0.11	0.04	-0.29	0.93118	0.98982	0.06	-0.02	0.11	0.07	0.05	0.11	0.02			
HILICpos_241.0309_7.71	HILIC	pos	7.71	241.0309	L-Cystine	151.9833 (100), 120.0115 (70), 241.0325 (55), 122.0270 (35), 74.0240 (30), 195.0245 (15), 153.9991 (5)	1	HMD80000192	0.42774	0.72875	-0.06	0.33	0.26	-0.06	-0.17	0.09	0.57968	0.92405	0.04	0.23	0.06	-0.09	0.02	-0.02	0.16			
HILICneg_243.062_1.5	HILIC	neg	1.5	243.0620	Uridine	110.0246 (100), 200.0578 (40), 243.0632 (25), 162.8384 (25), 152.0345 (25), 140.0363 (15), 82.0302 (15), 66.0350 (5)	1	HMD80000296	0.00466	0.13729	-0.68	-0.30	-0.40	-0.76	-0.62	-0.32	0.04657	0.43198	-0.56	-0.09	-0.08	-0.19	-0.81	-1.15	-0.60			
HILICpos_246.1695_1.26	HILIC	pos	1.26	246.1695	AC 5:0 (Isovalerylcarnitine)	85.0285 (100), 246.1713 (75), 187.0956 (25), 60.0813 (10), 57.0704 (5), 144.1010 (3)	1	HMD80000688	0.83781	0.93904	-0.02	0.12	0.40	0.28	-0.31	-0.17	0.69663	0.95088	0.03	0.02	-0.02	-0.09	0.18	0.45	-0.37			
RPneg_255.2328_11.1	RP	neg	11.1	255.2328	FA 16:0	255.2314 (100)	1	HMD80000220	0.49195	0.77237	0.28	-0.09	-0.57	0.44	2.31	0.19	0.30686	0.80665	-0.17	-0.14	-0.30	-0.33	-0.34	0.04	0.36			
HILICpos_258.1099_6.22	HILIC	pos	6.22	258.1099	Glycerophosphocholine	104.1067 (100), 258.1081 (40), 184.0748 (5), 124.9994 (5), 86.0968 (5)	1	HMD80000086	0.01057	0.19956	-0.33	-0.07	0.12	-0.26	-0.03	-0.36	0.71154	0.95307	-0.04	-0.16	-0.05	0.08	0.16	0.06	-0.26			
HILICpos_260.1859_1.05	HILIC	pos	1.05	260.1859	AC 6:0 (Hexanoylcarnitine)	85.0285 (100), 260.1856 (75), 201.1112 (25), 60.0812 (10)	1	HMD80000076	0.13061	0.46758	0.62	0.17	0.76	0.69	1.36	-0.08	0.42301	0.86988	0.24	0.37	0.33	0.25	0.04	0.19	0.10			
HILICneg_267.0733_2.57	HILIC	neg	2.57	267.0733	Inosine	135.0315 (100), 267.0738 (60), 02.0259 (2), 108.0208 (2)	1	HMD80000195	0.03170	0.29834	-0.44	-0.21	-0.26	-0.32	-0.49	0.37	0.51854	0.90847	-0.40	-0.12	0.15	-0.65	-0.67	-0.57	0.30			
RPneg_267.07352_1.68	RP	neg	1.68	267.0735	Inosine	135.0320 (100), 267.0720 (55)	1	HMD80000195	0.03249	0.30133	-0.43	-0.17	-0.20	-0.32	-0.52	0.37	0.58229	0.92442	-0.37	-0.02	0.17	-0.65	-0.59	-0.50	0.27			
HILICpos_268.1035_1.34	HILIC	pos	1.34	268.1035	Adenosine	136.0609 (100), 268.1048 (20)	1	HMD80000050	0.90782	0.96591	-0.13	0.12	0.04	-0.10	-0.30	-0.30	0.03593	0.38709	-0.38	-0.30	-0.17	-0.52	-0.41	-0.32	-0.64			
HILICpos_269.088_2.47	HILIC	pos	2.47	269.0880	Inosine	137.0448 (100), 228.2330 (2)	1	HMD80000195	0.02541	0.27880	-0.43	-0.20	-0.22	-0.33	-0.50	0.38	0.52953	0.91140	-0.40	-0.12	0.16	-0.65	-0.62	-0.56	0.27			
RPneg_281.24774_11.193	RP	neg	11.193	281.2477	FA 18:1	281.2469 (100)	1	HMD80000207	0.00047	0.04061	1.91	0.01	0.58	1.50	3.92	-0.27	0.80154	0.96981	-0.09	-0.21	0.31	-0.27	-0.06	-0.18	-0.04			
RPneg_282.08444_1.681	RP	neg	1.681	282.0844	Guanosine	150.0246 (100), 282.0858 (25), 133.0163 (10), 108.0204 (5)	1	HMD80000133	0.05204	0.34974	-0.44	-0.16	-0.66	-0.46	0.03	0.10	0.27826	0.78746	-0.33	-0.41	0.04	-0.86	-0.42	-0.69	0.17			
RPneg_283.26379_11.544	RP	neg	11.544	283.2638	FA 18:0	283.1079 (100)	1	HMD80000827	0.73796	0.89426	-0.07	0.06	0.02	0.28	0.00	0.00	0.76954	0.96454	-0.08	-0.12	-0.32	-0.20	0.18	0.06	0.63			
RPpos_288.2173_6.01	RP	pos	6.01	288.2173	AC 8:0	85.0284 (100), 288.2168 (75), 229.1446 (15), 60.0813 (10)	1	HMD80000791	0.20486	0.54889	0.54	0.38	0.83	0.48	0.57	-0.11	0.04894	0.44202	0.67	0.89	0.74	0.60	0.13	0.63	-0.05			
RPneg_303.23236_10.88	RP	neg	10.88	303.2324	FA 20:4	303.2352 (100)	1	HMD80001043	0.14823	0.49049	0.50	0.28	0.14	-0.10	2.49	0.01	0.98705	0.99797	-0.05	-0.31	0.45	-0.35	-0.27	0.09	0.15			
HILICpos_316.2485_0.71	HILIC	pos	0.71	316.2485	AC 10:0 (Decanoylcarnitine)	85.0285 (100), 316.2451 (65), 257.1740 (20), 60.0808 (10), 155.1421 (5), 144.1011 (3)	1	HMD80000651	0.20213	0.54699	0.58	0.28	0.93	0.61	0.55	-0.12	0.05904	0.47684	0.77	0.68	0.87	0.60	0.35	1.25	-0.07			
RPneg_327.2309_10.85	RP	neg	10.85	327.2331	FA 22:6 (DHA)	327.2312 (100), 283.2428 (85), 59.0135 (70), 299.2565 (35), 229.1966 (25), 135.1190 (15), 249.1855 (5)	1	HMD80002183	0.06631	0.37859	0.46	-0.06	0.11	0.06	1.53	-0.05	0.54384	0.91517	0.16	0.01	0.43	0.16	0.26	0.20	-0.12			
RPpos_347.2213_7.47	RP	pos	7.47	347.2213	Corticosterone	based on exact mass, RP neg fragmentation and RT	1	HMD80001547	0.00012	0.02025	3.22	-0.15	7.68	3.49	6.46	-0.38	0.00000	0.00003	4.20	-0.12	5.31	3.90	5.12	5.48	-0.32			
RPpos_361.2012_6.66	RP	pos	6.66	361.2012	Cortisone	361.1992 (100), 163.1115 (45), 121.0647 (5), 343.1868 (5), 301.1787 (5), 325.1787 (5), 145.1006 (5), 283.1694 (5), 265.1600 (3), 105.0694 (3), 267.1700 (3), 279.1757 (2), 285.1824 (2)	1	HMD80002802	0.00037	0.03522	0.51	0.18	0.39	0.74	1.36	-0.55	0.07717	0.52368	0.49	-0.02	-0.05	0.32	0.93	1.03	-0.01			
RPpos_363.2168_6.9	RP	pos	6.9	363.2168	Cortisol	363.2195 (100), 121.0645 (50), 327.1959 (25), 309.1844 (20), 267.1740 (15), 97.0650 (15), 345.2043 (10), 269.1902 (10), 297.1850 (5), 281.1900 (5), 109.0651 (5), 84.9599 (5), 241.1596 (5), 187.1122 (5), 145.1005 (5)	1	HMD80000063	1.39E-07	0.00032	2.68	0.09	3.21	2.39	4.93	-0.49	0.00000	0.00000	3.01	-0.11	2.86	3.38	3.14	2.96	-0.30			
RPpos_372.3113_8.8	RP	pos	8.8	372.3113	AC 14:0 (Myristoylcarnitine)	85.0285 (100), 372.3112 (70), 60.0813 (20), 313.2366 (10)	1	HMD80005066	0.70044	0.87748	0.15	0.26	0.34	0.10	0.94	0.01	0.16357	0.67427	0.47	0.48	0.48	0.43	0.61	0.40	-0.03			
RPneg_391.21185_7.471	RP	neg	7.471	391.2119	Corticosterone [M+FA-H] ⁻	391.2110 (100)	1	HMD80001547	0.00017	0.02513	3.16	-0.14	7.54	3.50	6.77	-0.38	0.00000	0.00003	4.11	-0.24	5.40	4.05	4.93	5.03	-0.31			
RPneg_397.17807_6.902	RP	neg	6.902	397.1781	Cortisol (M+Cl) ⁻	397.1795 (100)	1	HMD80000063	1.85E-07	0.00037	2.61	0.12	3.31	2.24	4.60	-0.48	0.00000	0.00000	2.85	-0.16	2.76	3.32	3.09	2.81	-0.34			
RPpos_400.3416_9.3	RP	pos	9.3	400.3416	AC 16:0 (Palmitoylcarnitine)	85.0284 (100), 400.3435 (70), 60.0813 (15), 341.2657 (10), 144.1027 (5), 239.2369 (5)	1	HMD80000222	0.94177	0.97871	0.05	0.39	0.52	-0.09	0.70	0.25	0.17994	0.69487	0.40	0.22	0.51	1.00	0.63	0.34	-0.23			
RPneg_405.19098_6.658	RP	neg	6.658	405.1910	Cortisone (M+FA-H) ⁻	329.1773 (100), 301.1818 (30), 137.0608 (10), 311.1664 (5), 109.0662 (5), 125.0608 (3), 149.0234 (5), 135.1172 (5), 161.1317 (5)	1	HMD80002802	0.00097	0.06299	0.48	0.12	0.41	0.72	1.24	-0.50	0.04584	0.43007	0.53	-0.01	0.01	0.36	0.93	1.15	-0.09			
RPpos_410.3266_9.83	RP	pos</																										

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	IV-Alcohol self-administration (IV-ASA)														IV-Alcohol clamp (IV-AC)										
						MSMS						ID_Level	HMDB_ID	Area Under the Curve (AUC)						Baseline	IV-Ghrelin or Placebo				Baseline	Post-LD	IV-Ghrelin or Placebo			
						p	q	d	d	d	d			IV-ASA		BrAC=0	p	q	d		d	d	d	IV-AC			Post-AC	BrAC=0		
														0.09404	0.42302									0.29					-0.04	0.70
0.03954	0.31968	0.38	-0.09	0.80	0.44	0.76	0.64	0.00000	0.00002	0.59	-0.21	0.76	1.27	0.59	0.55	-0.28														
RPneg_464.30185_8.69	RP	neg	8.69	464.3019	Glycocholic acid	464.2981 (100), 74.0245 (30), 402.2984 (5)	1	HMD80001038	0.09404	0.42302	0.29	-0.04	0.70	0.18	0.62	0.61	0.00000	0.00001	0.55	-0.25	0.65	1.36	0.36	0.64	-0.28					
RPpos_466.3154_8.68	RP	pos	8.68	466.3154	Glycocholic acid	412.2817 (100), 337.2526 (65), 319.2425 (25), 430.2986 (25), 76.0398 (20), 209.1321 (15), 227.1435 (15), 158.0812 (15), 213.1629 (10), 199.1478 (10)	1	HMD80000138	0.03954	0.31968	0.38	-0.09	0.80	0.44	0.76	0.64	0.00000	0.00002	0.59	-0.21	0.76	1.27	0.59	0.55	-0.28					
RPneg_476.27832_10.141	RP	neg	10.141	476.2783	LPE 18:2	279.2310 (100), 476.2725 (15), 214.0482 (5), 196.0376 (3), 78.9590 (3)	1	HMD80011507	0.44420	0.74025	-0.19	-0.22	0.38	0.23	-0.10	-0.24	0.97383	0.99690	-0.03	-0.10	-0.13	0.03	0.25	0.01	-0.29					
RPpos_478.2926_10.13	RP	pos	10.13	478.2926	LPE 18:2	337.2760 (100), 478.2896 (5)	1	HMD80011507	0.48822	0.77009	-0.18	-0.14	0.37	0.23	-0.09	-0.22	0.98947	0.99815	-0.02	-0.16	-0.01	-0.02	0.28	0.00	-0.31					
RPneg_478.29343_10.448	RP	neg	10.448	478.2934	LPE 18:1	281.2469 (100), 478.2916 (10), 214.0473 (5), 196.0376 (3), 78.9591 (3)	1	HMD80011506	0.39457	0.70441	-0.27	-0.16	0.05	0.00	-0.01	-0.51	0.35338	0.83284	0.27	0.17	0.15	0.31	0.64	0.29	-0.03					
RPneg_500.27707_10.144	RP	neg	10.144	500.2771	LPE 20:4	303.2352 (100), 500.2753 (10), 214.0480 (10), 196.0388 (5)	1	HMD80011517	0.85179	0.94441	-0.04	0.01	0.43	0.34	0.66	0.03	0.30993	0.80831	0.57	0.24	0.28	0.71	1.31	0.41	-0.07					
RPneg_514.28284_8.705	RP	neg	8.705	514.2828	Taurocholic acid	514.2863 (100)	1	HMD80000036	0.05473	0.35632	0.73	-0.07	2.05	0.63	0.65	0.62	0.02734	0.34682	0.95	-0.37	1.24	2.25	0.82	0.74	-0.46					
RPneg_524.27789_10.139	RP	neg	10.139	524.2779	LPE 22:6	327.2318 (100), 283.2436 (50), 214.0485 (20), 196.0376 (5), 524.2759 (5), 78.9590 (5)	1	HMD80011526	0.14650	0.48793	-0.35	-0.25	-0.06	-0.49	0.29	-0.15	0.90590	0.98659	0.23	0.16	0.14	0.36	0.53	0.43	-0.02					
RPneg_564.33014_10.133	RP	neg	10.133	564.3301	LPC 18:2 (M+HCOO-)	279.2309 (100), 504.3109 (20)	1	HMD80010386	0.01549	0.23292	-0.43	-0.15	-0.11	-0.21	-0.19	-0.69	0.49729	0.90072	0.11	0.09	0.08	0.12	0.26	0.13	-0.18					
RPneg_566.34509_10.442	RP	neg	10.442	566.3451	LPC 18:1 (M+HCOO-)	281.2469 (100), 508.3258 (25)	1	HMD80002815	0.00383	0.12650	-0.44	-0.18	-0.20	-0.31	-0.02	-0.19	0.20688	0.72367	0.50	0.44	0.41	0.46	0.59	0.42	-0.22					
RPneg_568.36096_10.78	RP	neg	10.78	568.3610	LPC 18:0 (M+HCOO-)	283.2619 (100), 508.3417 (20)	1	HMD80010384	0.02021	0.25817	-0.41	0.03	-0.13	-0.32	-0.21	-0.46	0.27208	0.78288	0.01	0.03	-0.01	0.05	0.15	0.00	-0.20					
RPneg_588.32928_10.128	RP	neg	10.128	588.3293	LPC 20:4 (M+HCOO-)	303.2352 (100), 528.3077 (25)	1	HMD80010395	0.03217	0.30003	-0.32	-0.04	0.33	-0.36	-0.27	-0.04	0.87205	0.98133	0.12	0.39	0.19	0.29	0.14	-0.41	0.14					
RPneg_612.93309_10.128	RP	neg	10.128	612.9331	LPC 22:6 (M+HCOO-)	327.2311 (100), 532.3058 (45)	1	HMD80010404	0.00715	0.16721	-0.46	-0.25	-0.32	-0.46	-0.06	-0.50	0.33721	0.82417	0.06	0.17	0.12	0.04	0.12	0.14	-0.20					
HILICneg_128.0357_4.33	HILIC	neg	4.33	128.0357	Pyroglutamic acid	128.0359 (100), 85.0299 (20), 84.0297 (5), 84.0457 (2)	2	HMD80000267	0.84346	0.94136	-0.02	0.14	0.42	-0.07	0.03	-0.05	0.00543	0.20687	0.28	0.29	0.25	0.33	0.49	0.12	-0.09					
HILICneg_131.0718_0.87	HILIC	neg	0.87	129.0563	3-methyl-2-oxovaleric acid	129.0562 (100), 85.0299 (25), 101.0611 (5)	2	HMD80000491	0.38086	0.69511	0.22	0.56	1.30	0.47	0.23	-0.21	0.02030	0.30170	0.55	0.24	0.33	0.51	1.03	0.50	-0.06					
HILICneg_131.0718_0.69	HILIC	neg	0.69	131.0718	2-Ethyl-2-hydroxybutyric acid	85.0664 (100), 131.0723 (80), 113.0617 (5)	2	HMD80001975	0.82674	0.93452	0.17	0.35	0.57	0.26	0.26	-0.27	0.02628	0.34210	1.00	0.59	1.20	1.13	0.92	0.55	0.33					
RPneg_131.0719_2.397	RP	neg	2.397	131.0719	2-Hydroxyisocaproic acid	85.0661 (100), 131.0719 (80), 69.0359 (5)	2	HMD80000036	0.72250	0.88668	0.18	0.28	1.33	0.29	0.32	-0.44	0.00104	0.05870	0.74	0.20	1.05	0.66	0.83	0.65	0.13					
HILICpos_131.118_3.24	HILIC	pos	3.24	131.1180	N-Acetylputrescine	114.0914 (100), 73.0288 (40), 72.0816 (40), 131.1172 (35), 60.0813 (15)	2	HMD80002064	0.25477	0.59315	-0.21	-0.12	-0.07	-0.12	-0.07	-0.06	0.48922	0.89833	0.20	0.22	0.17	0.15	0.27	0.23	0.12					
RPpos_139.0389_7.14	RP	pos	7.14	139.0389	4-Hydroxybenzoic acid	95.0496 (100), 139.0385 (50), 121.0280 (40)	2	HMD80000500	0.73251	0.89138	-0.11	-0.30	0.93	-0.07	-0.02	0.46	0.51376	0.90648	-0.27	-0.21	-0.16	-0.07	0.02	-0.82	-0.35					
HILICpos_143.0818_5.04	HILIC	pos	5.04	143.0818	Ectoine	0.43663	0.73493	0.28	0.32	0.94	0.28	0.28	0.28	-0.22	0.60089	0.92810	0.05	-0.09	0.29	0.48	0.18	-0.12	-0.26							
HILICneg_144.0671_0.77	HILIC	neg	0.77	144.0671	4-Acetamidobutanoic acid	102.0563 (100), 100.0768 (80), 115.9210 (75), 144.0670 (45), 58.0295 (35), 126.0568 (15), 146.1174 (100), 87.0443 (50), 60.0813 (30), 123.9639 (5)	2	HMD80003681	0.27725	0.61167	-0.22	0.01	0.06	0.04	0.14	-0.50	0.78333	0.96604	0.14	0.17	0.35	0.07	0.08	0.08	0.12					
HILICpos_146.1174_3.11	HILIC	pos	3.11	146.1174	Acetylcholine cation	95.0603 (100), 154.0970 (95), 136.0870 (40), 112.0872 (30)	2	HMD80013253	0.66407	0.85933	0.10	0.19	0.14	0.05	0.12	0.47	0.28264	0.79142	0.24	0.36	0.33	0.31	0.13	0.23	0.29	0.30				
HILICpos_154.0974_1.93	HILIC	pos	1.93	154.0974	N-Acetylhistamine	114.1272 (100), 160.1330 (10), 55.0549 (5), 97.1014 (5)	2	HMD80000991	0.55945	0.80913	-0.26	-0.17	-0.11	-0.08	-0.20	-0.37	0.56171	0.92015	-0.22	-0.23	-0.21	-0.11	-0.24	-0.24	-0.26					
RPpos_160.1332_4.23	RP	pos	4.23	160.1332	DL-2-Aminoctanoic acid	84.0808 (100), 130.0866 (80), 161.1281 (50), 98.0967 (5), 116.1062 (5), 144.1021 (5), 143.1183 (2)	2	HMD80002038	0.99258	0.99765	0.14	0.24	0.20	0.14	0.35	-0.16	0.17974	0.69482	0.07	0.05	0.06	0.15	0.08	0.06	0.02					
RPpos_163.0756_6.02	RP	pos	6.02	163.0756	Methyl cinnamate	145.0641 (100), 117.0696 (50), 163.0396 (35)	2	HMD80038833	0.05382	0.35417	-0.56	-0.16	-0.09	-0.22	-0.78	-0.56	0.82565	0.97395	-0.16	-0.23	-0.39	-0.25	0.08	-0.18	0.22					
HILICpos_166.0532_6.11	HILIC	pos	6.11	166.0532	Methionine sulfoxide	74.0240 (100), 166.0536 (25), 75.0267 (25), 102.0548 (20), 56.0502 (20), 149.0266 (20), 170.0921 (100), 109.0761 (40), 96.0686 (20), 126.1027 (20), 153.0658 (5)	2	HMD80000479	0.89012	0.95991	0.10	0.18	0.39	0.19	0.14	-0.18	0.84385	0.97663	0.02	0.02	0.05	0.16	0.06	-0.02	-0.22					
HILICneg_173.0096_3.21	HILIC	neg	3.21	173.0096	Aconitic acid	85.0299 (100), 154.9478 (25), 129.0200 (20), 111.0869 (10), 172.8298 (10)	2	HMD80000072	0.65370	0.85444	0.08	0.03	0.16	0.12	0.17	0.08	0.36240	0.83662	0.05	0.58	0.00	0.12	0.01	-0.44	0.49					
HILICpos_176.1028_6.37	HILIC	pos	6.37	176.1028	Citrulline	159.0757 (100), 113.0706 (50), 70.0657 (25), 176.1030 (5)	2	HMD80000904	0.07835	0.40084	-0.39	0.06	-0.11	-0.25	-0.09	-0.83	0.81359	0.97170	-0.08	0.28	0.15	0.15	-0.36	-0.40	-0.06					
HILICpos_177.1024_0.54	HILIC	pos	0.54	177.1024	Cotinine	177.1027 (100), 80.0498 (10), 98.0601 (5), 146.0605 (2)	2	HMD8001046	0.48633	0.76840	0.11	0.06	0.14	0.07	0.12	0.62	0.56170	0.92015	-0.17	-0.16	-0.20	-0.18	-0.16	-0.15	-0.25					
RPpos_177.1025_1.31	RP	pos	1.31	177.1025	Cotinine	177.1025 (100), 149.0233 (30), 80.0498 (10), 98.0601 (5)	2	HMD8001046	0.67381	0.86404	0.00	0.03	0.17	-0.11	-0.05	0.43	0.49445	0.89939	-0.10	-0.17	-0.08	-0.09	-0.10	-0.10	-0.10					
RPneg_179.07187_7.14	RP	neg	7.14	179.0719	Propylparaben	179.0712 (100), 136.0172 (35), 137.0250 (30)	2	HMD80000017	0.49924	0.77600	0.46	-0.01	1.08	0.62	0.66	-0.07	0.41362	0.86469	1.64	2.10	2.15	1.74	1.45	1.17	0.39					
HILICneg_182.0459_0.85	HILIC	neg	0.85	182.0459	4-Pyridoxic acid	187.0058 (100), 187.0069 (80), 79.9577 (40)	2	HMD80011635	0.06354	0.37162	0.46	0.44	0.58	0.43	0.51	0.76	0.12976	0.62318	-0.61	-0.60	-0.59	-0.61	-0.58	-0.55	-0.48					
HILICneg_187.007_0.48	HILIC	neg	0.48	187.0073	p-Cresol sulfate	107.0504 (100), 187.0061 (90), 79.9574 (35)	2	HMD80011635	0.07423	0.39249	0.46	0.43	0.58	0.41	0.47	0.85	0.19508	0.70942	-0.54	-0.53	-0.51	-0.55	-0.54	-0.50	-0.40					
RPneg_187.00734_3.731	RP	neg	3.731	187.0073	p-Cresol sulfate	126.0910 (100), 84.0808 (35), 189.1220 (25), 143.1100 (5)	2	HMD80000206	0.68597	0.87033	0.05	0.05	0.44	0.36	0.14	-0.50	0.23886	0.75656	0.14	-0.02										

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Area Under the Curve (AUC)			IV-Ghrelin or Placebo							
									p	q	d	Baseline		IV-ASA		BrAc=0	p	q	d	Baseline		Post-LD		IV-AC		Post-AC	BrAc=0	
												d	d	d	d					d	d	d	d	d	d			
RPpos_256.264_10.65	RP	pos	10.65	256.2640	Palmitamide	256.2645 (100), 88.0762 (10), 102.0917 (5), 57.0704 (5), 71.0858 (3), 116.1068 (3)	2	HMD8001273	0.35444	0.67393	-0.34	-0.01	0.26	0.15	-0.03	-0.50	0.83292	0.97501	0.10	1.33	-0.33	0.20	-0.48	0.50	0.43			
RPpos_260.1856_4.19	RP	pos	4.19	260.1856	AC 6:0 (Hexanoylcarnitine)	85.0285 (100), 260.1850 (75)	2	HMD80000756	0.11500	0.45050	0.67	0.18	0.77	0.81	1.33	-0.03	0.67133	0.94572	0.11	0.31	0.22	0.15	-0.13	0.04	0.10			
RPpos_261.1443_3.34	RP	pos	3.34	261.1443	gamma-Glutamylleucine	132.1029 (100), 86.0971 (95), 261.1312 (50), 84.0448 (30), 198.1119 (25), 244.1173 (20), 130.0497 (15)	2	HMD80011171	0.33951	0.66217	0.25	0.24	0.82	0.36	0.28	-0.25	0.08324	0.53745	0.28	0.10	0.33	0.37	0.34	0.42	-0.29			
HILUCneg_263.1033_1.99	HILIC	neg	1.99	263.1033	Phenylacetylglutamine	145.0628 (100), 127.0521 (15), 263.1033 (5)	2	HMD80006344	0.00349	0.12120	0.59	0.46	0.70	0.58	0.63	1.00	0.72439	0.95590	0.15	0.00	0.05	0.03	0.27	0.29	0.58			
RPneg_263.10382_3.575	RP	neg	3.575	263.1038	Phenylacetylglutamine	145.0628 (100), 127.0517 (15), 263.1011 (5)	2	HMD80006344	0.00523	0.14280	0.66	0.50	0.73	0.68	0.72	0.96	0.90182	0.98571	0.15	0.09	-0.05	0.09	-0.04	0.21	0.14	0.53		
RPpos_265.118_3.58	RP	pos	3.58	265.1180	Phenylacetylglutamine	130.0498 (100), 84.0449 (15), 136.0758 (15), 147.0770 (10), 91.0540 (10)	2	HMD80006344	0.00731	0.16815	0.58	0.42	1.11	0.44	0.49	0.97	0.82702	0.97408	0.11	-0.03	-0.05	-0.10	0.61	0.23	0.29			
HILUCneg_265.1187_1.88	HILIC	pos	1.88	265.1187	Phenylacetylglutamine	130.0499 (100), 84.0443 (15), 91.0541 (15), 136.0760 (15), 147.0755 (13), 265.1195 (10), 248.0908 (5)	2	HMD80006344	0.00378	0.12593	0.60	0.46	0.71	0.59	0.66	1.01	0.75548	0.96233	0.13	0.00	0.05	0.03	0.23	0.25	0.53			
RPpos_268.1037_1.6	RP	pos	1.6	268.1037	Adenosine	136.0622 (100), 268.1045 (20)	2	HMD80000050	0.93864	0.97761	-0.14	0.07	0.02	-0.11	-0.28	-0.32	0.04530	0.42695	-0.36	-0.28	-0.18	-0.49	-0.34	-0.32	-0.62			
RPpos_269.0881_1.69	RP	pos	1.69	269.0881	Inosine	137.0461 (100), 269.1110 (5)	2	HMD80000195	0.02277	0.26770	-0.42	-0.17	-0.23	-0.32	-0.49	0.33	0.56324	0.92024	-0.36	-0.04	0.15	-0.62	-0.60	-0.47	0.28			
RPpos_269.2266_10.78	RP	pos	10.78	269.2266	Retinol [M+H-H2O]+	269.2279 (100), 93.0698 (85), 95.0856 (75), 81.0703 (70), 107.0680 (45), 119.0850 (40), 121.1011 (35), 69.0704 (30), 213.1625 (30), 133.1017 (20), 157.1013 (20), 145.1005 (20), 199.1476 (20), 175.1490 (20), 189.1636 (20)	2	HMD80000305	0.61481	0.83583	-0.05	0.40	0.36	0.00	0.29	-0.26	0.02725	0.34610	-0.55	-0.55	-0.37	-0.56	-0.33	-0.59	-0.61			
HILUCneg_274.1048_7.27	HILIC	neg	7.27	274.1048	Glutamylglutamine	128.0358 (100), 145.0626 (80), 238.0845 (30), 256.0930 (20), 274.1031 (15), 212.1044 (15)	2	HMD80028817	0.30102	0.63037	0.19	0.24	0.41	0.00	0.44	0.16	0.03525	0.38399	0.31	0.39	0.25	0.23	0.35	0.26	0.16			
HILUCpos_276.1189_7.24	HILIC	pos	7.24	276.1189	N-gamma-Glutamylglutamine	130.0500 (100), 147.0755 (80), 84.0442 (30), 276.1182 (20), 193.9293 (20)	2	HMD80029147	0.43454	0.73297	0.15	0.23	0.36	-0.06	0.45	0.10	0.03073	0.36599	0.30	0.32	0.22	0.24	0.39	0.24	0.13			
HILUCpos_276.1439_5.08	HILIC	pos	5.08	276.1439	Glutarylcarntine	276.1433 (100), 85.0285 (70), 217.0714 (30), 60.0814 (15), 115.0383 (15), 199.0597 (10), 144.1013 (5)	2	HMD80013130	0.21377	0.55625	0.21	0.26	0.33	0.08	0.47	0.30	0.34822	0.83042	0.05	0.06	0.05	0.08	-0.02	-0.03	0.27			
RPneg_277.2167_10.67	RP	neg	10.67	277.2167	FA 18:3	277.2148 (100)	2	HMD80001388	0.00029	0.03203	1.62	-0.14	0.61	1.08	2.85	0.06	0.89308	0.98433	-0.07	-0.02	0.38	-0.21	-0.16	-0.16	-0.09			
RPneg_279.2329_10.917	RP	neg	10.917	279.2329	FA 18:2	279.2310 (100)	2	HMD80006673	0.00081	0.05743	1.52	-0.10	0.57	1.13	2.57	-0.06	0.48437	0.89681	-0.20	-0.29	0.19	-0.35	-0.20	-0.29	-0.11			
HILUCpos_282.1189_4.4	HILIC	pos	4.4	282.1189	1-Methyladenosine	150.0766 (100), 282.1196 (20)	2	HMD80003331	0.12299	0.45868	-0.30	0.03	0.11	0.06	0.01	-0.43	0.30959	0.80799	0.36	0.26	0.45	0.16	0.44	0.39	0.06			
RPpos_284.0992_1.69	RP	pos	1.69	284.0992	Guanosine	152.0560 (100), 284.2937 (5)	2	HMD80000133	0.04976	0.34613	-0.44	-0.20	-0.68	-0.47	0.06	0.08	0.23812	0.75634	-0.36	-0.45	0.09	0.96	-0.47	-0.79	0.15			
RPpos_286.1432_8.3	RP	pos	8.3	286.1432	Piperine	286.1442 (100), 201.0540 (90), 135.0440 (20), 112.0755 (5)	2	HMD80029377	0.76385	0.90683	-0.02	0.13	0.23	0.11	-0.06	-0.50	0.03251	0.37156	1.46	1.40	1.45	1.46	1.42	1.39	1.01			
HILUCpos_286.144_0.4	HILIC	pos	0.4	286.1444	Piperine	286.1444 (100), 201.0542 (95), 135.0442 (20), 112.0755 (5)	2	HMD80029377	0.78407	0.91532	-0.02	0.14	0.20	0.12	-0.06	-0.51	0.02977	0.35953	1.53	1.50	1.54	1.49	1.50	1.47	1.07			
RPpos_286.2018_5.19	RP	pos	5.19	286.2018	AC 8:1	85.0284 (100), 286.1994 (80)	2	HMD80000772	0.88164	0.95613	-0.04	0.08	0.10	0.12	-0.07	-0.09	0.71146	0.95302	0.04	-0.07	0.10	0.05	0.01	-0.06	0.19			
RPneg_297.2804_11.7	RP	neg	11.7	297.2804	FA 19:0	297.2835 (100)	2	HMD80000772	0.32125	0.64751	-0.39	-0.10	0.02	-0.29	0.32	0.63	0.73275	0.95811	0.15	-0.79	0.48	-0.06	-0.30	0.09	0.75			
RPneg_299.2594_10.211	RP	neg	10.211	299.2594	2-hydroxystearic acid	299.2576 (100), 253.2538 (5)	2	HMD80062549	0.86435	0.94948	0.04	0.29	0.30	1.11	3.80	-0.02	0.00069	0.04500	0.21	0.57	0.59	0.50	0.77	0.17	0.03			
RPneg_301.2168_10.64	RP	neg	10.64	301.2168	FA 20:5	301.2146 (100)	2	HMD80001999	0.06860	0.38094	0.54	0.06	0.15	0.13	1.88	-0.24	0.62984	0.93531	-0.13	-0.18	0.26	-0.21	-0.17	-0.27	-0.13			
RPneg_305.24884_11.071	RP	neg	11.071	305.2488	FA 20:3	305.2484 (100)	2	HMD80002925	0.00905	0.18722	1.27	0.08	0.29	0.90	2.92	-0.07	0.48923	0.89833	-0.23	-0.33	0.00	-0.39	-0.15	-0.22	-0.10			
RPneg_307.2642_11.32	RP	neg	11.32	307.2642	FA 20:2	307.2621 (100)	2	HMD8001864	0.00199	0.08952	1.44	0.01	0.43	1.08	3.27	0.19	0.78288	0.96604	-0.18	-0.26	0.01	-0.27	-0.10	-0.22	0.02			
RPneg_309.2798_11.624	RP	neg	11.624	309.2795	FA 20:1	309.2784 (100)	2	HMD80002231	0.00140	0.07596	1.31	0.09	0.22	0.73	4.50	-0.03	0.75971	0.96233	0.06	-0.28	0.33	-0.03	0.37	-0.19	0.02			
RPneg_311.29575_12.053	RP	neg	12.053	311.2958	FA 20:0	311.1664 (100)	2	HMD80002212	0.15903	0.50243	-0.33	0.03	-0.03	0.10	-0.27	0.01	0.93503	0.98984	0.05	-0.16	-0.31	-0.25	0.33	0.37	0.59			
RPpos_312.2166_5.66	RP	pos	5.66	312.2166	AC 10:2	85.0284 (100), 85.0285 (70)	2	HMD80000651	0.20514	0.54921	0.08	0.00	0.13	0.17	0.05	-0.64	0.02680	0.34431	-0.32	-0.26	-0.28	-0.28	-0.35	-0.35	-0.39			
RPpos_313.1436_9.38	RP	pos	9.38	313.1436	Benzyl butyl phthalate	91.0548 (100), 149.0234 (50), 120.0812 (100), 166.0859 (15), 313.1523 (10), 267.1492 (5)	2	HMD80013302	0.27189	0.60791	-0.41	-0.25	0.18	-0.08	0.25	0.28	0.03476	0.38164	0.14	0.06	0.54	0.73	0.32	0.31	0.15			
RPpos_313.155_4.72	RP	pos	4.72	313.1550	Ph Phe	267.1492 (5)	2	HMD80013302	0.64600	0.85038	-0.19	-0.34	-0.02	-0.43	0.28	0.15	0.21685	0.73336	0.64	0.33	0.21	0.67	0.29	1.18	0.83			
RPpos_314.2333_6.79	RP	pos	6.79	314.2333	AC 10:1	85.0284 (100), 314.2326 (80)	2	HMD80000651	0.39223	0.70267	0.26	0.10	0.56	0.25	0.47	0.00	0.36037	0.83520	0.18	0.35	0.23	0.13	-0.12	0.23	0.01			
RPpos_316.2479_7.26	RP	pos	7.26	316.2479	AC 10:0	85.0284 (100), 316.2498 (75)	2	HMD80000651	0.17578	0.52103	0.62	0.36	0.93	0.57	0.60	-0.06	0.06649	0.45794	0.85	0.87	0.91	0.79	0.20	0.77	-0.05			
RPpos_328.2483_7.23	RP	pos	7.23	328.2483	AC 11:1	85.0290 (100), 328.2485 (80)	2	HMD80000651	0.43562	0.73382	-0.13	-0.06	0.26	-0.12	-0.29	0.00	0.11993	0.60679	0.63	0.21	0.41	0.13	0.64	0.70	-0.01			
RPneg_329.2484_10.992	RP	neg	10.992	329.2484	FA 22:4	329.2511 (100), 59.0106 (5), 287.2746 (5)	2	HMD80001976	0.00160	0.08127	1.48	0.10	1.28	0.67	2.77	0.05	0.75052	0.96177	0.11	-0.01	0.47	-0.09	0.16	0.10	-0.10			
RPneg_331.26398_11.216	RP	neg	11.216	331.2640	FA 22:4	331.2668 (100)	2	HMD80002226	0.00311	0.11456	1.31	0.14	0.44	0.93	3.00	0.13	0.81367	0.97170	-0.12	-0.23	0.23	-0.34	-0.06	-0.06	-0.06			
RPneg_338.09204_5.681	RP	neg	5.681	338.0920	Topimarate	338.0894 (100), 77.9659 (95), 95.9771 (20)	2	HMD80005034	0.67176	0.86336	0.02	0.07	0.04	0.05	0.11	-0.21	0.26550	0.77769	-0.35	-0.34	-0.37	-0.35	-0.31	-0.38	-0.34			

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)										
									Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo					Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d
RPneg_464.31439_11.04	RP	neg	11.04	464.3144	LPE 18:1e	464.3166 (100), 196.0390 (50), 78.9591 (45), 267.2676 (40), 140.0118 (35)	2		0.01806	0.24514	-0.44	-0.04	-0.40	-0.37	-0.25	-0.39	0.87557	0.98217	0.15	0.30	0.21	0.19	0.13	0.15	0.15	-0.15				
RPpos_466.3299_11.02	RP	pos	11.02	466.3299	LPE O-18:1	294.3137 (100), 466.3335 (50), 312.3284 (45), 448.3210 (25)	2		0.02624	0.28103	-0.41	-0.02	-0.24	-0.41	-0.25	-0.39	0.66040	0.94253	0.10	0.21	0.18	0.14	0.14	0.10	0.10	-0.21				
RPpos_468.3089_9.71	RP	pos	9.71	468.3089	LPC 14:0	184.0738 (100), 86.0967 (10), 468.3088 (5), 104.1070 (3), 450.3005 (2)	2	HMD80010379	0.18744	0.53394	-0.31	0.00	-0.07	-0.21	-0.16	-0.17	0.21571	0.73202	-0.37	-0.46	-0.47	-0.53	-0.38	-0.40	-0.40					
RPneg_474.26279_9.972	RP	neg	9.972	474.2628	LPE 18:3	277.2189 (100), 196.0388 (15), 474.2656 (10), 78.9590 (5), 214.0480 (4)	2	HMD80011478	0.89549	0.96213	-0.02	-0.07	0.36	0.19	0.09	0.26	0.53253	0.91290	0.32	0.25	0.22	0.15	0.62	0.59	0.09					
RPpos_476.2775_9.96	RP	pos	9.96	476.2775	LPE 18:3	335.2579 (100), 62.0607 (40), 458.2631 (10), 476.2772 (5)	2	HMD80011508	0.97101	0.98899	0.01	-0.06	0.36	0.23	0.10	0.30	0.44718	0.88074	0.36	0.34	0.51	0.36	0.62	0.36	0.05					
RPpos_480.308_10.55	RP	pos	10.55	480.3080	LPE 18:1	339.2887 (100), 462.3004 (10), 480.3085 (5)	2	HMD80011506	0.56231	0.81035	-0.22	-0.19	0.08	0.15	-0.01	-0.32	0.66413	0.94310	0.13	-0.13	0.06	0.16	0.44	0.28	-0.15					
RPpos_480.3462_10.63	RP	pos	10.63	480.3462	LPC O-16:1	104.1066 (100), 480.3408 (90), 86.0967 (45), 184.0738 (40), 124.9993 (25)	2		0.02131	0.26291	-0.42	-0.03	-0.16	-0.31	-0.26	-0.41	0.56642	0.91346	0.06	0.18	0.12	0.01	0.25	-0.06	-0.09					
RPpos_482.3237_10.86	RP	pos	10.86	482.3237	LPE 18:0	341.3073 (100), 482.3241 (5)	2	HMD80011130	0.07083	0.38535	-0.37	-0.06	-0.13	-0.24	-0.12	-0.39	0.11180	0.59428	-0.14	-0.15	-0.09	-0.13	0.02	-0.10	-0.55					
RPpos_482.3245_10.17	RP	pos	10.17	482.3245	LPC 15:0	184.0738 (100), 104.1075 (80), 482.3236 (35), 464.3154 (10)	2	HMD80010381	0.01576	0.23335	-0.53	-0.13	-0.21	-0.52	-0.39	-0.16	0.26683	0.77916	-0.21	-0.31	-0.07	-0.18	-0.20	-0.23	-0.23					
RPpos_482.3597_10.71	RP	pos	10.71	482.3597	LPC O-16:0	104.1065 (100), 482.3636 (30), 184.0737 (20), 86.0967 (10), 124.9992 (5)	2		0.14170	0.48138	-0.38	0.11	-0.08	-0.26	-0.21	-0.36	0.64835	0.93906	0.03	0.09	0.09	0.04	0.08	-0.02	-0.11					
RPpos_494.3253_9.9	RP	pos	9.9	494.3253	LPC 16:1	184.0738 (100), 86.0969 (10), 494.3197 (5), 104.1070 (5), 476.3123 (3)	2	HMD80010383	0.22940	0.57111	-0.19	0.06	0.02	-0.07	-0.01	-0.22	0.62140	0.93338	0.18	0.16	0.23	0.14	0.21	0.09	0.26					
RPpos_496.3384_10.42	RP	pos	10.42	496.3384	LPC 16:0	184.0738 (100), 104.1066 (80), 496.3378 (50), 478.3297 (10)	2	HMD80010382	0.03435	0.30469	-0.43	0.04	0.05	-0.24	-0.20	-0.40	0.10729	0.58531	-0.15	-0.13	0.01	-0.13	-0.13	-0.18	-0.35					
RPpos_496.341_10.3	RP	pos	10.3	496.3410	LPC 16:0 isomer	184.0738 (100), 86.0969 (40), 496.3378 (5), 104.1070 (5), 478.3288 (2)	2	HMD80240262	0.02071	0.26043	-0.40	0.05	-0.05	-0.24	-0.22	-0.38	0.15221	0.65794	-0.10	-0.13	-0.03	-0.16	0.10	-0.07	-0.32					
RPneg_498.26172_9.974	RP	neg	9.974	498.2617	LPE 20:5	301.2164 (100), 196.0390 (40), 498.2632 (40), 78.9589 (20)	2	HMD80011519	0.73788	0.89424	-0.06	0.01	0.26	-0.01	0.07	0.02	0.84482	0.97697	0.08	-0.01	0.13	0.20	0.34	0.21	-0.16					
RPpos_500.2769_9.96	RP	pos	9.96	500.2769	LPE 20:5	359.2596 (100), 62.0607 (80), 482.2630 (10), 500.2772 (10)	2		0.82040	0.93182	-0.04	0.00	0.20	0.06	0.09	-0.01	0.85341	0.97801	0.07	-0.05	0.08	0.26	0.27	0.21	-0.12					
RPpos_502.2916_10.13	RP	pos	10.13	502.2916	LPE 20:4	361.2709 (100)	2	HMD80011518	0.88587	0.95786	-0.03	0.05	0.37	0.37	0.61	0.06	0.19840	0.71412	0.64	0.21	0.65	0.65	0.90	0.60	-0.07					
RPneg_502.2944_10.454	RP	neg	10.454	502.2944	LPE 20:3	305.2488 (100), 502.2972 (20), 196.0392 (15), 78.9591 (5), 214.0486 (5)	2	HMD80011515	0.21448	0.55699	-0.33	-0.29	-0.02	-0.01	0.00	0.05	0.89290	0.98433	0.01	-0.12	-0.05	0.20	0.35	-0.02	-0.34					
RPpos_508.3394_10.31	RP	pos	10.31	508.3394	LPC 17:1	184.0737 (100), 104.1075 (90), 508.3406 (35), 490.3295 (10)	2		0.14094	0.48076	-0.29	0.09	-0.14	-0.27	-0.06	-0.02	0.66016	0.94251	0.36	0.32	0.18	0.39	0.58	0.40	0.26					
RPpos_508.3774_10.81	RP	pos	10.81	508.3774	LPC O-18:1	104.1066 (100), 508.3738 (25), 184.0737 (15), 86.0967 (10), 124.9992 (5)	2		0.03162	0.29806	-0.50	-0.06	-0.12	-0.42	-0.32	-0.35	0.77340	0.96458	0.05	0.15	0.13	0.02	0.18	-0.07	-0.11					
RPneg_512.29816_9.721	RP	neg	9.721	512.29816	LPC 14:0 (M+HCOO-)	227.2021 (100), 452.2757 (25)	2	HMD80010379	0.16931	0.51386	-0.32	-0.02	-0.09	-0.18	-0.20	-0.17	0.21807	0.73504	-0.36	-0.43	-0.43	-0.39	-0.35	-0.46	-0.41					
RPpos_520.3401_10.24	RP	pos	10.24	520.3401	LPC 18:2	184.0738 (100), 104.1076 (80), 520.3348 (30), 502.3282 (10)	2	HMD80010386	0.02339	0.27047	-0.44	-0.21	-0.11	-0.17	-0.17	-0.55	0.60172	0.92848	0.08	0.11	0.10	0.05	0.21	0.09	-0.26					
RPpos_522.3566_10.55	RP	pos	10.55	522.3566	LPC 18:1	184.0737 (100), 104.1076 (85), 522.3556 (30), 504.3417 (10)	2	HMD80002815	0.01107	0.20358	-0.41	-0.07	-0.14	-0.31	-0.16	-0.40	0.64755	0.93902	0.16	0.22	0.19	0.16	0.26	0.11	-0.04					
RPpos_524.3726_10.87	RP	pos	10.87	524.3726	LPC 18:0	184.0737 (100), 104.1076 (80), 524.3660 (40), 506.3568 (10)	2	HMD80010384	0.02538	0.27880	-0.43	0.05	-0.11	-0.36	-0.20	-0.46	0.40358	0.85894	0.03	0.12	0.03	0.03	0.20	-0.02	-0.25					
RPpos_526.2921_10.13	RP	pos	10.13	526.2921	LPE 22:5	385.2740 (100), 526.2961 (5)	2	HMD80011526	0.09953	0.43066	-0.38	-0.28	-0.14	-0.60	0.27	-0.18	0.82180	0.97318	0.27	0.15	0.33	0.25	0.53	0.64	-0.03					
RPneg_526.29352_10.392	RP	neg	10.392	526.2935	LPE 22:5	329.2512 (100), 422.42	2	HMD80011524	0.42242	0.72469	-0.07	-0.02	0.15	-0.01	0.62	0.25	0.51858	0.90847	0.28	0.20	0.26	0.30	0.52	0.41	0.19					
RPneg_526.31427_10.042	RP	neg	10.042	526.3143	LPC 15:0 (M+HCOO-)	78.9589 (15), 214.0480 (10)	2	HMD80010381	0.00135	0.07456	-0.86	-0.38	-0.55	-0.37	-0.92	-0.30	0.10326	0.57830	-0.29	-0.34	-0.38	-0.23	0.06	-0.52	-0.32					
RPpos_528.3091_10.38	RP	pos	10.38	528.3091	LPE 22:5	241.2183 (100), 466.2955 (25)	2	HMD80011524	0.47788	0.76273	-0.05	0.01	0.17	-0.01	0.62	0.37	0.54857	0.93906	0.05	0.02	-0.04	0.04	0.14	0.25	-0.13					
RPneg_528.30988_10.626	RP	neg	10.626	528.3099	LPE 22:4	387.2888 (100), 528.3041 (10)	2	HMD80011523	0.63539	0.84558	0.01	0.04	0.13	0.20	0.46	0.08	0.51052	0.90545	0.28	0.25	0.26	0.30	0.49	0.37	0.14					
RPneg_538.31311_10.059	RP	neg	10.059	538.3131	LPC 16:1 (M+HCOO-)	253.2162 (100), 478.2906 (45), 224.0702 (10)	2	HMD80010383	0.22488	0.56696	-0.20	0.13	0.04	-0.12	-0.05	-0.21	0.63170	0.93546	0.17	0.17	0.15	0.16	0.32	0.07	0.28					
RPpos_542.3248_9.95	RP	pos	9.95	542.3248	LPC 20:5	184.0737 (100), 104.1075 (90), 542.3209 (25), 524.3091 (5)	2	HMD80010397	0.21454	0.55699	-0.21	-0.04	-0.07	-0.12	-0.03	-0.28	0.93882	0.99074	0.01	0.05	0.07	0.02	0.05	0.08	-0.08					
RPpos_544.341_10.12	RP	pos	10.12	544.3410	LPC 20:4	184.0737 (100), 86.0967 (10), 544.3387 (5), 526.3298 (2), 104.1075 (2)	2	HMD80010395	0.03081	0.29558	-0.35	-0.04	-0.06	-0.14	0.01	-0.62	0.74943	0.96150	0.21	0.17	0.24	0.17	0.22	0.22	-0.03					
RPpos_548.371_10.69	RP	pos	10.69	548.3710	LPC 20:2	184.0738 (100), 104.1070 (90), 548.3732 (30), 530.3624 (10)	2	HMD80010392	0.02272	0.26757	-0.42	-0.14	-0.18	-0.25	-0.16	-0.39	0.31952	0.81506	-0.06	0.04	-0.03	-0.04	-0.01	0.00	-0.26					
RPpos_550.3865_10.95	RP	pos	10.95	550.3865	LPC 20:1	184.0738 (100), 104.1070 (80), 550.3884 (30), 532.3730 (10)	2	HMD80010391	0.01287	0.21626	-0.46	-0.15	-0.18	-0.41	-0.30	-0.47	0.68682	0.94918	0.03	0.15	0.04	0.06	0.15	-0.07	-0.14					
RPneg_552.3302_10.531	RP	neg	10.531	552.3302	LPC 17:1 (M+HCOO-)	267.2342 (100), 492.3138 (50), 224.0708 (10)	2		0.05424	0.35524	-0.33	-0.07	-0.17	-0.39	-0.24	-0.09	0.40567	0.86018	-0.29	-0.32	-0.21	-0.29	-0.23	-0.25	-0.26					
RPneg_554.3459_10.685	RP	neg	10.685	554.3459	LPC 17:0 (M+HCOO-)	269.2472 (100), 494.3198 (50), 224.0699 (15)	2	HMD80012108	0.01644	0.23740	-0.56	-0.10	-0.33	-0.50	-0.40	-0.30	0.54857	0.93906	0.05	0.02	-0.04	0.04	0.14	0.25	-0.13					
RPneg_562.31384_9.841	RP	neg	9.841	562.3138	LPC 18:3 (M+HCOO-)	277.2176 (100), 502.2934 (20)	2	HMD80010387	0.35667																					

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0		Baseline		Post-LD		IV-AC		Post-AC		BrAC=0		Baseline		IV-AC		Post-AC		BrAC=0	
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	p	q	d	d	d	p	q
RPneg_123.04543_3.32	RP	neg	3.32	123.0454			4		0.02334	0.27043	1.34	1.07	2.13	1.15	1.53	1.27	0.12095	0.60864	-0.40	-0.37	-0.35	-0.32	-0.43	-0.42	-0.42	-0.44						
RPpos_123.3098_5.7	RP	pos	5.7	123.3098			4		0.79785	0.92198	-0.12	0.15	0.50	-0.37	-0.23	0.43	0.87690	0.98220	-0.06	-0.06	-0.10	-0.07	-0.19	0.31	0.31	-0.22						
RPpos_123.5887_9.83	RP	pos	9.83	123.5887			4		0.02610	0.28087	0.39	0.56	0.56	0.26	0.50	0.28	0.09035	0.55386	0.74	-0.19	0.46	0.87	1.01	1.56	1.39							
RPpos_123.6123_5.7	RP	pos	5.7	123.6123			4		0.22544	0.56723	-0.35	-0.06	0.50	-0.45	-0.32	0.25	0.00665	0.17265	-0.34	-0.29	-0.06	-0.47	-0.18	0.06	-0.52							
HILICneg_123.7263_1.5	HILIC	neg	1.5	123.7263			4		0.00877	0.18355	-0.63	-0.29	-0.31	-0.68	-0.58	-0.25	0.17144	0.68218	-0.36	0.19	0.06	-0.05	-0.58	-0.88	-0.45							
RPpos_123.7581_10.43	RP	pos	10.43	123.7581			4		0.00238	0.26551	0.33	0.11	0.09	-0.26	-0.34	0.24	0.02659	0.20551	-0.15	-0.25	-0.12	-0.23	-0.21	-0.42								
RPneg_123.90251_14.174	RP	neg	14.174	123.9025			4		0.24209	0.58274	-0.31	0.25	-0.18	0.42	-0.29	-0.41	0.72814	0.95678	-0.02	-0.13	0.16	0.07	-0.03	-0.52	0.56							
HILICneg_123.9116_3.06	HILIC	neg	3.06	123.9116			4		0.83566	0.93838	-0.11	-0.10	0.54	0.30	0.48	1.25	0.67015	0.94545	-0.08	-0.16	0.23	-0.48	0.28	-0.22	-0.01							
HILICneg_123.9117_0.58	HILIC	neg	0.58	123.9117			4		0.17252	0.51807	-0.51	-0.13	-0.02	-0.20	0.00	0.00	0.06347	0.48919	0.23	0.03	-0.11	0.34	0.60	0.33	0.27							
HILICneg_124.0153_4.89	HILIC	neg	4.89	124.0153			4		0.83089	0.93608	0.11	0.56	0.55	0.02	0.12	0.34	0.78703	0.52501	-0.25	0.08	-0.53	0.23	-0.03	-0.66	-0.47							
RPneg_124.04062_2.801	RP	neg	2.801	124.0406			4		0.98863	0.99589	-0.15	-0.06	-0.06	-0.16	-0.10	0.29	0.94571	0.99233	-0.08	-0.06	-0.09	-0.13	-0.08	-0.15	-0.05							
HILICneg_124.0409_0.72	HILIC	neg	0.72	124.0409			4		0.70932	0.88134	-0.09	0.03	-0.06	-0.08	-0.03	0.31	0.96926	0.99673	-0.08	-0.02	-0.04	-0.22	-0.05	-0.19	-0.04							
HILICpos_124.2017_0.56	HILIC	pos	0.56	124.2017			4		0.56273	0.81054	0.19	0.35	0.55	0.58	0.02	-0.31	0.08454	0.54063	0.45	-0.12	0.70	0.90	0.39	0.14	-0.27							
HILICneg_124.8917_0.93	HILIC	neg	0.93	124.8917			4		0.03285	0.30196	-0.34	-0.26	-0.28	-0.01	-0.49	0.02	0.01739	0.28119	-0.40	-0.25	-0.45	-0.58	0.02	-0.39	-0.06							
RPneg_124.89912_11.099	RP	neg	11.099	124.8991			4		0.75052	0.90067	0.13	-0.06	-0.01	0.61	1.63	0.13	0.68938	0.94980	-0.06	-0.08	-0.19	-0.22	-0.08	0.02	0.44							
HILICpos_124.9225_2.97	HILIC	pos	2.97	124.9225			4		0.41856	0.72219	-0.27	0.11	0.39	-0.14	-0.23	1.28	0.75168	0.96189	-0.11	-0.21	0.08	0.68	0.30	-0.02	-0.42							
HILICneg_124.9844_0.92	HILIC	neg	0.92	124.9844			4		0.09961	0.43066	-0.28	-0.25	-0.28	-0.24	-0.18	-0.09	0.07485	0.51842	-0.38	-0.38	-0.30	-0.44	-0.36	-0.36	-0.21							
HILICneg_124.9918_3.46	HILIC	neg	3.46	124.9918			4		0.97714	0.99102	-0.02	0.16	0.26	0.32	0.33	-0.55	0.32610	0.81879	-0.18	-0.33	0.02	-0.21	-0.13	-0.20	-0.14							
HILICneg_124.9919_0.76	HILIC	neg	0.76	124.9919			4		0.69863	0.87557	0.04	0.07	-0.01	0.03	0.16	0.42	0.39181	0.85219	-0.06	0.48	0.43	0.58	0.43	0.07	-0.07							
HILICpos_124.9994_6.22	HILIC	pos	6.22	124.9994			4		0.00035	0.03436	-0.54	-0.07	-0.15	-0.40	-0.23	-0.39	0.84571	0.91584	-0.08	-0.11	0.26	0.16	0.25	0.05	-0.30							
HILICneg_125.0249_0.54	HILIC	neg	0.54	125.0249			4		0.94096	0.97835	-0.05	-0.05	-0.10	0.17	0.35	-0.15	0.82549	0.97389	-0.05	-0.19	-0.17	-0.10	0.34	0.40	-0.37							
HILICneg_125.036_6.17	HILIC	neg	6.17	125.0360			4		0.90325	0.96429	-0.01	0.09	0.47	0.13	0.11	-0.11	0.00564	0.15742	0.34	0.47	0.44	0.59	0.44	0.11	-0.04							
RPpos_125.8015_7.36	RP	pos	7.36	125.8015			4		0.98014	0.99236	-0.06	0.22	0.75	-0.07	-0.33	0.74	0.25481	0.76996	-0.36	-0.25	-0.02	-0.34	-0.14	-0.52	-0.43							
HILICneg_125.8734_0.39	HILIC	neg	0.39	125.8734			4		0.03644	0.31135	-0.68	-0.63	-0.34	-0.12	-0.38	-0.48	0.22669	0.74356	0.43	1.56	-0.26	0.52	0.08	0.17	0.71							
HILICpos_125.9379_2.8	HILIC	pos	2.8	125.9379			4		0.52165	0.78870	-0.23	0.23	0.34	-0.06	-0.19	0.99	0.72673	0.95623	-0.09	-0.01	-0.18	0.70	0.37	0.09	-0.38							
HILICneg_126.0036_5.41	HILIC	neg	5.41	126.0036			4		0.51753	0.78685	0.19	0.39	0.52	0.10	0.40	0.79	0.04320	0.41886	0.13	-0.07	0.25	0.18	0.31	0.25	-0.48							
RPpos_126.0551_2.81	RP	pos	2.81	126.0551			4		0.93325	0.97624	-0.13	0.09	0.00	-0.34	0.13	0.05	0.71407	0.95354	0.00	-0.01	0.11	0.01	0.05	0.04	-0.11							
HILICpos_126.0659_1.14	HILIC	pos	1.14	126.0659			4		0.23339	0.57485	-0.28	0.01	-0.46	-0.32	0.09	-0.14	0.08186	0.53442	-0.45	-0.26	-0.65	-0.37	-0.35	-0.42	-0.08							
HILICpos_126.0661_1.89	HILIC	pos	1.89	126.0661			4		0.15501	0.49790	-0.19	0.03	0.34	0.19	0.06	-0.42	0.01923	0.29353	0.74	0.85	1.12	0.44	0.74	0.39	0.27							
HILICpos_126.0663_1.62	HILIC	pos	1.62	126.0663			4		0.49474	0.77346	0.15	0.78	0.54	0.33	-0.07	-0.19	0.94431	0.99197	0.00	-0.45	-0.21	0.23	0.20	0.17	-0.39							
HILICpos_126.1025_4.5	HILIC	pos	4.5	126.1025			4		0.43033	0.73046	-0.18	0.04	-0.04	-0.01	-0.10	-0.21	0.85714	0.97904	0.04	0.15	0.24	-0.06	-0.01	0.02	0.03							
RPpos_126.1153_11.17	RP	pos	11.17	126.1153			4		0.00611	0.15278	1.13	-0.21	0.57	1.24	1.86	-0.05	0.79963	0.96934	-0.11	-0.33	0.32	-0.45	0.02	0.02	-0.09							
HILICneg_126.9054_5.69	HILIC	neg	5.69	126.9054			4		0.53908	0.79344	-0.21	0.30	0.00	0.23	0.62	0.22	0.52736	0.91094	-0.21	-0.79	0.25	-0.58	-0.05	-0.03	-0.29							
HILICneg_126.9054_1.41	HILIC	neg	1.41	126.9054			4		0.11751	0.45311	-0.45	-0.45	0.22	0.01	-0.25	-0.57	0.04381	0.42135	0.46	0.01	0.20	0.80	0.47	0.69	-0.68							
HILICneg_126.9056_4.33	HILIC	neg	4.33	126.9056			4		0.28891	0.62226	-0.32	-0.15	-0.27	0.06	-0.13	0.04	0.36874	0.84006	0.11	-0.87	-0.31	0.79	-0.06	0.41	0.36							
HILICneg_126.9056_0.96	HILIC	neg	0.96	126.9056			4		0.82642	0.93436	0.09	0.36	0.82	0.42	-0.20	0.02	0.15551	0.66189	0.46	-0.52	0.07	0.80	0.39	0.41	-0.71							
HILICneg_126.9057_1.25	HILIC	neg	1.25	126.9057			4		0.99040	0.99648	-0.01	0.19	0.18	0.55	0.31	-0.16	0.35068	0.83165	-0.18	-0.37	-0.14	0.25	-0.09	-0.43	-0.67							
HILICneg_127.0311_1.25	HILIC	neg	1.25	127.0311			4		0.01666	0.23842	-0.43	-0.10	-0.17	-0.10	-0.29	-0.48	0.42624	0.87114	0.18	0.14	0.07	-0.03	0.21	0.48	-0.02							
HILICneg_127.0405_0.66	HILIC	neg	0.66	127.0405			4		0.56158	0.80991	0.19	0.10	0.48	0.48	0.50	-0.05	0.32968	0.82035	-0.16	-0.18	-0.03	-0.50	-0.15	0.03	0.21							
HILICneg_127.0519_6.17	HILIC	neg	6.17	127.0519			4		0.85518	0.94569	0.00	0.08	0.46	0.12	0.14	-0.15	0.00107	0.05983	0.33	0.37	0.45	0.60	0.37	0.25	-0.16							
RPpos_127.0755_10.5	RP	pos	10.5	127.0755			4		0.17501	0.52062	-0.45	-0.71	0.14	0.23	-0.56	0.41	0.30842	0.80758	0.38	0.48	0.50	0.06	-0.09	0.31	0.03							
HILICneg_127.0768_0.96	HILIC	neg	0.96	127.0768			4		0.61722	0.83727	0.14	0.51	0.15	0.23	0.68	0.04	0.98503	0.99776	0.03	0.03	0.13	-0.20	0.18	0.05	-0.06							
HILICpos_127.0866_1.33	HILIC	pos	1.33	127.0866			4		0.49409	0.77322	-0.24	0.12	-0.17	-0.38	-0.08	0.54	0.75221	0.96194	0.01	0.30	0.35	0.23	-0.09	-0.24	0.20							
RPpos_127.1118_5.38	RP	pos	5.38	127.1118			4		0.539																							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	p	q	d	d	d
HILICneg_135.0318_1.42	HILIC	neg	1.42	135.0318			4		0.35685	0.67605	-0.28	-0.07	0.36	-0.42	-0.14	0.50	0.33929	0.82526	0.56	-0.02	0.25	1.10	0.82	1.00	-0.33			
RPpos_135.0441_4.06	RP	pos	4.06	135.0441			4		0.13310	0.47140	-0.49	-0.28	0.09	-0.18	-0.73	-0.24	0.95730	0.99475	-0.07	0.04	-0.11	-0.22	0.07	-0.10	0.06			
RPpos_135.0807_7.16	RP	pos	7.16	135.0807			4		0.57976	0.81821	-0.06	0.04	0.16	0.05	0.17	-0.07	0.55109	0.91748	0.03	0.04	0.38	-0.22	0.02	0.08	0.40			
RPpos_135.1167_8.71	RP	pos	8.71	135.1167			4		0.26814	0.60409	0.38	0.36	0.15	0.39	0.80	0.50	0.32261	0.81614	0.59	0.38	0.59	0.76	0.47	0.39	0.17			
RPpos_135.1167_8.81	RP	pos	8.81	135.1167			4		0.30797	0.63658	0.34	0.34	0.15	0.26	0.76	0.61	0.30477	0.80366	0.61	0.69	0.38	1.05	0.35	0.47	0.09			
RPpos_135.8007_11.58	RP	pos	11.58	135.8007			4		0.79650	0.93130	-0.08	0.21	0.13	0.04	-0.84	0.84	0.89493	0.98465	0.02	0.56	-0.05	-0.48	-0.07	0.05	0.15			
HILICneg_135.9715_4.33	HILIC	neg	4.33	135.9715			4		0.30395	0.63323	-0.34	-0.39	-0.09	-0.06	-0.01	-0.04	0.13264	0.62911	0.61	0.33	0.23	0.97	0.23	0.18	-0.27			
HILICneg_136.0478_5.57	HILIC	pos	5.57	136.0478			4		0.13720	0.47733	-0.33	-0.06	0.06	-0.20	-0.32	-0.41	0.01322	0.24616	-0.14	-0.17	-0.03	0.04	-0.12	-0.26	-0.57			
HILICpos_136.0481_1.22	HILIC	pos	1.22	136.0481			4		0.77146	0.91017	0.08	0.08	0.20	0.35	0.26	0.71	0.67973	0.94744	-0.13	-0.13	-0.17	-0.07	-0.11	-0.12	-0.09			
HILICpos_136.0616_1.12	HILIC	pos	1.12	136.0616			4		0.68371	0.86925	0.06	0.31	0.66	-0.16	0.00	1.71	0.11864	0.60435	1.10	0.23	0.41	2.61	0.66	0.81	0.44			
HILICpos_136.0618_1.34	HILIC	pos	1.34	136.0618			4		0.91432	0.96839	-0.13	0.11	0.04	-0.09	-0.30	-0.41	0.04011	0.40805	-0.37	-0.30	-0.17	-0.51	-0.40	-0.29	-0.63			
HILICpos_136.0757_5.1	HILIC	pos	5.1	136.0757			4		0.13432	0.47340	0.53	0.11	1.40	0.68	0.60	0.17	0.03135	0.36797	0.83	-0.09	1.16	1.09	1.46	0.25	1.36			
RPpos_136.0759_1.21	RP	pos	1.21	136.0759			4		0.62874	0.84282	0.14	0.26	0.94	0.49	0.05	-0.54	0.13149	0.62657	0.34	-0.23	0.51	0.69	0.47	0.37	-0.30			
RPpos_136.5673_11.58	RP	pos	11.58	136.5673			4		0.82219	0.93246	-0.07	0.24	0.14	0.07	0.10	-0.83	0.93208	0.98984	0.03	0.57	-0.06	0.17	-0.38	0.08	0.06			
HILICneg_136.8633_0.39	HILIC	neg	0.39	136.8633			4		0.47428	0.76041	-0.20	0.33	0.38	0.20	0.71	-0.18	0.01631	0.27330	-0.67	-0.09	-0.41	-0.74	-1.11	-0.79	-1.72			
HILICneg_136.8634_0.62	HILIC	neg	0.62	136.8634			4		0.55496	0.80669	-0.23	0.36	-0.11	-0.04	-0.08	-0.29	0.89153	0.98433	0.05	-0.27	-0.07	0.66	0.34	0.01	0.19			
HILICneg_136.8634_1.4	HILIC	neg	1.4	136.8634			4		0.83885	0.93743	0.06	0.29	0.25	0.87	1.31	-0.43	0.09917	0.40353	0.29	-0.09	0.13	0.27	0.57	0.61	0.64			
RPneg_136.8726_11.1	RP	neg	11.1	136.8727			4		0.66982	0.86228	-0.15	0.14	0.23	-0.32	0.99	0.70	0.30277	0.80384	-0.15	0.17	-0.23	-0.14	-0.23	-0.26	0.02			
RPneg_136.8750_13.793	RP	neg	13.793	136.8727			4		0.01638	0.23695	-0.60	-0.86	-0.67	-0.15	-0.12	0.19	0.01217	0.23564	-0.65	-0.44	-0.16	-0.38	-0.28	-0.16	0.26			
RPneg_136.8785_12.986	RP	neg	12.986	136.8729			4		0.64044	0.84786	-0.14	-0.25	-0.10	0.47	0.33	0.40	0.34547	0.82875	0.22	0.18	-0.16	-0.05	0.46	0.41	-0.19			
RPneg_136.892_10.522	RP	neg	10.522	136.8920			4		0.07583	0.39583	-0.66	0.02	-0.50	0.26	-0.95	-0.12	0.61149	0.93043	0.11	0.11	-0.40	0.34	0.48	0.39	0.13			
RPneg_136.89201_11.603	RP	neg	11.603	136.8920			4		0.12406	0.45932	-0.46	-0.13	-0.16	-0.12	-0.23	-0.37	0.32368	0.81702	0.24	0.69	-0.04	0.47	0.02	0.43	-0.58			
RPneg_136.99174_10.035	RP	neg	10.035	136.9917			4		0.83950	0.93950	-0.06	0.47	-0.26	0.43	-0.21	-0.28	0.28038	0.78924	-0.30	-0.04	-0.14	-0.06	0.32	0.32	-0.30			
HILICneg_137.0249_0.62	HILIC	neg	0.62	137.0249			4		0.42887	0.72952	0.24	0.17	0.32	0.63	0.19	-0.17	0.52334	0.90917	-0.25	-0.19	-0.16	-0.21	-0.26	-0.24	-0.37			
HILICneg_137.0362_0.71	HILIC	neg	0.71	137.0362			4		0.32231	0.64843	0.36	0.42	0.86	0.02	0.37	0.35	0.24269	0.75888	0.45	0.21	1.19	0.25	-0.21	0.37	0.38			
HILICneg_137.0362_1.09	HILIC	neg	1.09	137.0362			4		0.51395	0.78457	-0.04	0.18	0.31	0.01	0.02	-0.36	0.30395	0.80438	0.22	0.54	1.10	-0.23	0.03	-0.06	-0.14			
HILICpos_137.0457_2.47	HILIC	pos	2.47	137.0457			4		0.03506	0.30715	-0.42	-0.20	-0.23	-0.30	-0.48	0.36	0.61906	0.93279	-0.36	-0.05	0.17	-0.63	-0.60	-0.51	0.27			
RPpos_137.0458_1.69	RP	pos	1.69	137.0458			4		0.02608	0.28079	-0.41	-0.18	-0.21	-0.30	-0.48	0.34	0.56871	0.92109	-0.38	-0.05	0.18	-0.64	-0.62	-0.49	0.29			
RPpos_137.479_10.9	RP	pos	10.9	137.4790			4		0.00432	0.13295	0.92	-0.06	0.47	0.80	1.84	-0.11	0.59408	0.92734	-0.21	-0.46	0.23	-0.34	-0.10	-0.24	-0.14			
HILICneg_137.9873_4.21	HILIC	neg	4.21	137.9873			4		0.18234	0.52835	-0.21	0.04	0.61	-0.07	-0.49	-0.83	0.86341	0.97991	-0.04	-0.10	0.09	0.26	0.15	-0.51	-0.34			
RPpos_138.1372_11.29	RP	pos	11.29	138.1372			4		0.77984	0.91376	0.10	0.45	0.18	0.16	0.10	-0.63	0.40968	0.86259	-0.08	0.49	-0.02	0.07	-0.48	-0.04	0.00			
HILICneg_138.3532_4.89	HILIC	neg	4.89	138.3532			4		0.44128	0.73821	0.23	0.74	0.55	0.04	0.12	0.36	0.13624	0.63435	-0.30	-0.01	-0.43	0.00	-0.07	-0.67	-0.53			
RPneg_138.8578_11.602	RP	neg	11.602	138.8578			4		0.17937	0.52452	-0.42	-0.18	-0.23	-0.13	-0.43	-0.61	0.71395	0.93354	-0.03	0.56	-0.44	-0.18	-0.04	-0.18	-0.41			
HILICneg_138.9409_0.52	HILIC	neg	0.52	138.9409			4		0.01450	0.22765	-0.17	0.00	0.09	-0.04	-0.18	-0.13	0.76836	0.96430	-0.09	0.07	-0.18	-0.06	-0.11	-0.20	0.04			
HILICneg_139.0074_0.64	HILIC	neg	0.64	139.0074			4		0.33263	0.65636	0.58	0.31	0.66	0.70	0.70	0.59	0.44767	0.88090	0.92	-0.08	0.84	0.85	0.99	0.62	0.43			
HILICneg_139.0265_4.91	HILIC	neg	4.91	139.0265			4		0.98873	0.99589	0.04	0.59	0.46	0.03	0.26	0.18	0.38158	0.84804	-0.16	0.09	-0.32	0.12	0.40	-0.68	-0.38			
HILICpos_139.0503_0.7	HILIC	pos	0.7	139.0503			4		0.40666	0.71296	0.28	0.46	0.65	0.05	0.30	0.33	0.23892	0.75656	0.36	0.26	0.91	0.15	-0.23	0.18	0.53			
HILICneg_139.1566_4.89	HILIC	neg	4.89	139.1566			4		0.49462	0.77346	0.19	0.55	0.54	0.06	0.23	0.26	0.02688	0.34456	-0.34	0.00	-0.58	-0.02	0.03	-0.69	-0.57			
RPpos_139.7545_11.52	RP	pos	11.52	139.7545			4		0.73063	0.89053	0.11	0.01	-0.03	0.30	0.45	-0.55	0.53658	0.91415	0.52	2.65	0.01	0.23	-0.43	0.52	0.30			
RPpos_139.9531_15.47	RP	pos	15.47	139.9531			4		0.03549	0.30874	-0.68	0.30	-0.43	-0.22	-0.09	0.14	0.92757	0.98938	0.01	-0.28	-0.34	0.31	0.08	0.49	0.17			
HILICneg_139.9849_2.88	HILIC	neg	2.88	139.9849			4		0.91383	0.96820	-0.04	-0.24	0.69	-0.13	0.06	0.31	0.17879	0.69392	0.40	0.05	1.08	0.66	0.43	0.30	-0.41			
HILICpos_139.9879_0.94	HILIC	pos	0.94	139.9879			4		0.98994	0.99629	-0.03	0.24	0.27	0.12	0.39	-0.31	0.18526	0.70081	-0.23	-0.26	-0.31	-0.10	-0.25	-0.30	-0.19			
HILICpos_140.0429_5.71	HILIC	pos	5.71	140.0429			4		0.05711	0.36033	-0.19	0.10	0.05	0.02	-0.22	-0.13	0.17559	0.69019	-0.19	-0.12	-0.10	-0.24	-0.20	-0.26	0.22			
HILICpos_140.0681_3.6	HILIC	pos	3.6	140.0681	Likely adduct of glycine betaine	140.0676 (100), 74.0966 (45), 114.0892 (5)	4		0.29813	0.62834	-0.23	0.00	0.07	0.03	-0.05	-0.64	0.00000											

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			Post-LD			Ghrelin			Placebo		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
HILICneg_148.9044_1.47	HILIC	neg	1.47	148.9044		4		0.34286	0.66453	-0.21	0.22	0.02	0.13	-0.09	-0.28	0.21621	0.73241	0.26	0.77	0.03	0.53	-0.10	0.20	0.17								
RPpos_149.0121_10.28	RP	pos	10.28	149.0121		4		0.62937	0.84321	-0.17	-0.31	0.22	1.88	-0.19	-0.47	0.63073	0.93545	0.06	0.08	0.48	0.05	-0.26	0.09	0.26								
HILICneg_149.0459_5.97	HILIC	neg	5.97	149.0459		4		0.29673	0.62767	-0.20	-0.18	0.08	-0.11	-0.08	-0.17	0.11696	0.60178	0.27	-0.01	0.13	0.44	0.61	0.07	-0.05								
HILICneg_149.046_7.12	HILIC	neg	7.12	149.0460		4		0.31459	0.64207	-0.15	0.15	0.29	-0.09	-0.15	-0.33	0.10464	0.58059	0.32	0.44	0.38	0.70	0.21	-0.07	0.01								
HILICneg_149.0463_3.8	HILIC	neg	3.8	149.0461		4		0.27266	0.62893	-0.29	-0.01	0.10	0.12	0.10	-0.14	0.38281	0.79149	0.17	0.13	-0.08	-0.31	-0.10	-0.26	0.12								
HILICpos_149.0591_7.87	HILIC	pos	7.87	149.0591		4		0.67295	0.86385	-0.13	0.3	-0.93	1.8	-0.09	-0.55	0.00029	0.02514	-0.17	0.80	1.97	2.32	1.45	-0.12	0.13								
RPneg_149.09718_6.594	RP	neg	6.594	149.0972		4		0.21870	0.56080	-0.24	-0.23	-0.22	-0.02	-0.20	0.03	0.22796	0.74498	-0.27	-0.27	-0.23	-0.26	-0.23	-0.25	-0.17								
HILICpos_149.1075_1.9	HILIC	pos	1.9	149.1075		4		0.88811	0.95913	-0.04	-0.01	-0.04	-0.07	0.00	0.33	0.12669	0.61769	-0.29	-0.37	-0.27	-0.30	-0.29	-0.23	-0.41								
HILICneg_149.6677_1.49	HILIC	neg	1.49	149.6677		4		0.01806	0.24514	-0.56	-0.22	-0.39	-0.72	-0.41	-0.16	0.00000	0.00003	-0.76	-0.43	-0.48	-0.97	-0.78	-0.90	-0.50								
HILICneg_149.9135_0.92	HILIC	neg	0.92	149.9135		4		0.14701	0.48858	-0.29	-0.35	-0.28	-0.14	-0.37	-0.11	0.14226	0.64473	-0.33	-0.39	-0.22	-0.34	-0.33	-0.38	-0.17								
HILICpos_150.0383_5.17	HILIC	pos	5.17	150.0383		4		0.21500	0.55763	0.29	0.05	1.16	0.39	0.33	-0.55	0.00122	0.06451	1.30	1.09	1.99	1.73	1.70	0.63	0.37								
RPneg_150.05632_4.699	RP	neg	4.699	150.0563		4		0.93945	0.97791	0.27	0.57	0.21	0.36	0.67	-0.21	0.51673	0.90770	0.28	0.20	0.52	0.22	0.19	0.15	0.24								
HILICpos_150.0584_0.84	HILIC	pos	0.84	150.0584		4		0.74968	0.90015	0.06	0.27	0.19	0.19	0.30	-0.10	0.52009	0.90883	-0.06	-0.03	-0.04	-0.10	-0.06	-0.11	-0.02								
HILICpos_150.0763_6.25	HILIC	pos	6.25	150.0763		4		0.92055	0.97114	-0.02	0.21	0.39	0.03	-0.02	-0.28	0.55863	0.91988	0.02	-0.06	0.12	0.19	0.04	-0.06	-0.25								
HILICpos_150.077_4.4	HILIC	pos	4.4	150.0770		4		0.16298	0.50777	-0.27	-0.01	0.04	0.13	0.02	-0.32	0.27904	0.78839	0.44	0.29	0.57	0.24	0.37	0.51	-0.01								
HILICpos_150.0776_1.96	HILIC	pos	1.96	150.0776		4		0.16024	0.50373	-0.35	0.10	0.01	-0.04	-0.63	-0.28	0.18823	0.70327	0.33	0.49	0.31	0.52	0.42	0.44	0.15								
HILICpos_150.1123_2.7	HILIC	pos	2.7	150.1123		4		0.90002	0.96330	-0.04	-0.08	-0.06	-0.17	1.03	0.92	0.41604	0.86590	0.73	0.75	-0.15	0.51	0.25	1.62	0.26								
RPneg_150.88977_10.523	RP	neg	10.523	150.8898		4		0.45146	0.74484	-0.10	0.18	0.03	-0.13	0.26	0.50	0.93985	0.99109	-0.04	0.13	0.05	0.02	-0.24	-0.13	0.09								
HILICneg_151.0075_0.89	HILIC	neg	0.89	151.0075		4		0.21766	0.55952	-0.22	-0.14	-0.05	-0.18	-0.22	-0.48	0.01386	0.25100	0.53	0.66	0.68	0.42	0.61	0.42	0.14								
RPneg_151.02646_1.121	RP	neg	1.121	151.0265		4		0.22156	0.56397	-0.30	0.01	0.07	-0.43	-0.23	-0.14	0.90951	0.98698	-0.11	0.46	0.06	0.47	-0.17	0.06	-0.27								
RPneg_151.04028_4.896	RP	neg	4.896	151.0403		4		0.24675	0.58731	-0.28	-0.27	-0.27	-0.24	0.06	0.32	0.10018	0.57198	-0.17	-0.23	-0.26	-0.32	-0.23	-0.26	-0.20								
RPneg_151.04028_5.278	RP	neg	5.278	151.0403		4		0.00572	0.14775	-0.37	-0.09	-0.14	-0.16	-0.39	-0.32	0.41792	0.86669	1.41	2.00	2.59	0.95	0.41	0.38	0.18								
RPneg_151.04045_3.808	RP	neg	3.808	151.0405		4		0.59793	0.82775	0.31	0.22	0.72	0.52	0.43	-0.17	0.67343	0.94628	0.03	0.16	0.37	0.48	0.41	0.40	-0.28								
HILICneg_151.0405_0.57	HILIC	neg	0.57	151.0405		4		0.42585	0.72734	0.07	0.23	0.41	0.31	0.25	-0.36	0.13599	0.63435	1.12	0.82	0.59	0.77	1.18	0.60	0.10								
HILICneg_151.0405_0.46	HILIC	neg	0.46	151.0405		4		0.72114	0.88628	0.18	0.48	0.33	0.36	0.16	-0.32	0.92161	0.98872	0.19	0.73	0.24	0.17	0.65	0.21	-0.26								
HILICneg_151.0406_0.96	HILIC	neg	0.96	151.0406		4		0.74355	0.89757	0.09	0.17	0.29	0.38	0.01	0.12	0.88275	0.98281	0.06	0.08	-0.03	0.08	0.16	0.36	-0.24								
HILICpos_151.0475_5.7	HILIC	pos	5.7	151.0475		4		0.89136	0.96044	0.02	0.04	0.04	0.14	0.05	-0.03	0.64033	0.93638	-0.10	-0.13	-0.07	-0.02	-0.12	-0.14	-0.19								
HILICpos_151.0479_6.13	HILIC	pos	6.13	151.0479		4		0.88017	0.95541	-0.01	0.28	0.51	0.30	0.09	-0.19	0.08670	0.54471	0.23	0.55	0.34	0.57	0.27	0.05	-0.81								
HILICneg_151.0616_3.34	HILIC	neg	3.34	151.0616		4		0.54927	0.80347	-0.18	0.00	-0.15	-0.22	-0.09	-0.07	0.30842	0.80758	-0.24	-0.15	0.14	-0.12	0.02	-0.47	-0.24								
HILICpos_151.0961_0.63	HILIC	pos	0.63	151.0961		4		0.84469	0.94193	-0.05	-0.39	-0.09	0.39	0.11	0.67	0.80680	0.97033	0.09	0.01	0.08	-0.56	0.63	-0.12	0.20								
RPneg_151.11301_7.724	RP	neg	7.724	151.1130		4		0.58616	0.82169	-0.10	-0.03	0.06	-0.10	-0.02	-0.29	0.83104	0.97494	0.04	0.04	0.20	-0.03	-0.05	0.06	0.07								
HILICpos_151.1227_0.42	HILIC	pos	0.42	151.1227		4		0.67795	0.86638	0.13	-0.20	-0.30	0.10	1.05	0.06	0.54522	0.91577	0.28	0.36	-0.01	0.39	-0.08	0.60	-0.18								
RPneg_151.98489_9.514	RP	neg	9.514	151.9849		4		0.33091	0.65593	-0.15	0.55	-0.28	-0.03	-0.26	-0.64	0.20578	0.72124	-0.19	-0.40	0.06	0.42	-0.05	-0.32	-0.38								
HILICneg_152.0119_1.01	HILIC	neg	1.01	152.0119		4		0.14222	0.48205	-0.25	0.32	0.35	0.23	0.34	-0.02	0.15344	0.65936	-0.06	0.06	0.03	0.17	-0.26	0.08	-0.24								
HILICpos_152.0217_1.22	HILIC	pos	1.22	152.0217		4		0.95480	0.98360	0.01	-0.01	0.15	0.43	0.23	0.73	0.69775	0.95114	-0.11	-0.18	-0.10	0.05	-0.30	-0.02	-0.09								
RPneg_152.03598_6.238	RP	neg	6.238	152.0360		4		0.06408	0.37326	-0.52	0.16	-0.15	-0.09	-0.52	0.20	0.30628	0.80640	-0.36	-0.19	-0.20	-0.22	-0.28	-0.24	-0.53								
HILICneg_152.036_0.41	HILIC	neg	0.41	152.0360		4		0.12711	0.46383	-0.41	0.06	-0.15	-0.15	-0.30	0.11	0.15970	0.66876	-0.46	-0.16	-0.29	-0.64	-0.33	-0.38	-0.48								
HILICneg_152.0487_3.74	HILIC	neg	3.74	152.0487		4		0.80972	0.92703	-0.11	0.01	0.10	0.10	0.03	-0.51	0.00000	0.00016	0.51	0.52	0.61	0.39	0.46	0.43	0.49								
HILICpos_152.0541_4.61	HILIC	pos	4.61	152.0541		4		0.85048	0.94371	0.07	0.20	0.95	0.22	-0.19	-0.62	0.00490	0.14730	0.76	0.42	0.92	1.43	0.62	0.51	-0.45								
HILICpos_152.0566_4.25	HILIC	pos	4.25	152.0566		4		0.08773	0.41432	-0.39	-0.21	-0.57	-0.47	0.11	0.09	0.23251	0.74941	-0.38	-0.48	0.08	-1.00	-0.42	-0.77	0.12								
RPpos_152.0569_1.69	RP	pos	1.69	152.0569		4		0.05085	0.34726	-0.40	-0.24	-0.67	-0.39	0.11	0.04	0.18325	0.69928	-0.39	-0.41	-0.02	0.99	-0.50	-0.77	0.13								
HILICpos_152.0704_3.5	HILIC	pos	3.5	152.0704		4		0.05201	0.34974	-0.48	0.11	-0.90	-0.59	-0.33	-0.43	0.07968	0.52940	0.56	-0.79	0.30	0.64	2.22	0.11	-0.56								
HILICpos_152.0708_5.2	HILIC	pos	5.2	152.0708		4		0.17166	0.51704	-0.14	0.03	0.01	0.00	-0.13	-0.21	0.06531	0.49470	-0.20	-0.06	-0.11	-0.15	-0.28	-0.32	-0.05								
RPpos_152.391_6.13	RP	pos	6.13	152.3910		4		0.97978	0.99230	0.01	0.48	0.89	-0.03	0.63	0.21	0.89942	0.98550	0.07	1.76	0.13	-0.39	0.16	-0.07	-0.49								
HILICneg_152.9787_4.37	HILIC	neg	4.37	152.9787		4		0.34821	0.66880																							

Feature_ID	Mode	Ionization	Average RT.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			BrAC=0			Baseline			Post-LD			IV-ASA			BrAC=0					
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d			
HILICpos_155.0923_1.22	HILIC	pos	1.22	155.0923			4		0.89471	0.96181	0.04	0.21	0.32	0.43	0.28	0.33	0.83019	0.97467	-0.02	-0.13	-0.03	0.05	-0.08	0.09	-0.04							
HILICpos_155.1066_4.21	HILIC	pos	4.21	155.1066			4		0.13477	0.47406	-0.34	-0.69	0.53	0.15	-0.66	-0.40	0.76907	0.96454	-0.01	0.23	0.11	-0.10	0.54	-0.01	-1.20							
RPpos_155.1067_10.19	RP	pos	10.19	155.1067			4		0.17279	0.51833	-0.62	-0.87	0.19	-0.56	0.09	-0.23	0.43126	0.87439	-0.41	-0.05	0.31	0.01	-0.64	0.05	-0.59							
HILICpos_155.1178_0.51	HILIC	pos	0.51	155.1178			4		0.57474	0.81603	-0.06	-0.07	-0.02	-0.06	-0.01	0.27	0.76703	0.96401	-0.05	-0.05	-0.03	-0.04	0.03	-0.05	-0.11							
HILICneg_155.6423_4.41	HILIC	neg	4.41	155.6423			4		0.27448	0.61013	-0.40	-0.15	0.07	-0.03	0.03	0.12	0.50606	0.90356	-0.09	0.03	-0.37	0.31	-0.22	-0.21	0.11							
HILICneg_155.8745_1.17	HILIC	neg	6.17	155.8745			4		0.30950	0.63797	-0.28	0.08	0.46	0.21	-0.36	-0.47	0.15511	0.66631	-0.29	0.18	-0.17	0.37	0.26	0.29	-0.12							
HILICpos_156.0422_3.6	HILIC	pos	3.6	156.0422			4		0.33389	0.65760	-0.22	0.02	0.16	-0.03	-0.15	-0.51	0.00001	0.00294	0.49	0.42	0.38	0.64	0.51	0.49	0.05							
HILICneg_156.0534_4.21	HILIC	neg	4.21	156.0534			4		0.17891	0.52425	-0.18	0.28	0.41	-0.16	-0.27	-0.45	0.39365	0.85381	-0.27	-0.19	-0.45	0.08	0.24	-0.31	-0.58							
HILICneg_156.0672_1.07	HILIC	neg	1.07	156.0672			4		0.32641	0.65171	0.13	0.21	0.39	0.08	0.10	0.17	0.17564	0.69019	0.31	0.10	0.25	0.74	0.42	0.19	0.07							
RPneg_156.06734_2.914	RP	neg	2.914	156.0673			4		0.46238	0.75264	0.11	0.17	0.31	0.12	0.07	0.07	0.16989	0.68210	0.41	0.35	0.46	0.73	0.65	0.18	0.07							
HILICneg_156.0782_6.98	HILIC	neg	6.98	156.0782			4		0.86455	0.94954	-0.06	0.08	0.38	0.07	0.01	-0.18	0.20811	0.72383	0.13	0.05	0.33	0.42	0.09	-0.20	-0.18							
HILICpos_156.1021_5.01	HILIC	pos	5.01	156.1021			4		0.44972	0.74356	-0.12	-0.06	-0.10	-0.14	-0.06	0.14	0.64885	0.93907	-0.19	-0.19	-0.16	-0.11	-0.17	-0.23	-0.12							
RPpos_156.3685_7.26	RP	pos	7.26	156.3685			4		0.17057	0.51560	0.65	0.40	0.97	0.54	0.56	-0.27	0.01991	0.29846	1.02	0.82	0.87	0.84	0.67	1.22	-0.07							
HILICpos_156.3698_0.71	HILIC	pos	0.71	156.3698			4		0.24157	0.58206	0.54	0.32	0.82	0.50	0.53	-0.15	0.11974	0.60666	0.64	0.80	0.74	0.47	0.07	0.85	-0.06							
HILICpos_156.9907_0.94	HILIC	pos	0.94	156.9907			4		0.64746	0.85103	0.08	0.15	0.18	0.24	0.28	-0.34	0.01734	0.28106	-0.40	-0.36	-0.52	-0.21	-0.41	-0.38	-0.55							
HILICneg_157.0258_5.23	HILIC	neg	5.23	157.0258			4		0.76819	0.90882	0.01	0.07	0.15	0.08	0.15	-0.30	0.45916	0.88479	0.01	-0.14	0.01	0.03	0.00	-0.10	0.53							
HILICneg_157.0371_1.94	HILIC	neg	1.94	157.0371			4		0.67999	0.86708	0.10	0.08	0.60	0.29	0.19	-0.41	0.71045	0.95280	0.55	0.92	0.84	0.45	1.04	0.31	0.12							
RPneg_157.08691_6.619	RP	neg	6.619	157.0869			4		0.48865	0.77035	-0.18	-0.23	-0.08	0.26	-0.06	-0.20	0.97728	0.99726	-0.02	-0.25	-0.12	-0.01	0.14	0.15	-0.07							
RPneg_157.08707_7.385	RP	neg	7.385	157.0871			4		0.74487	0.87943	0.07	0.15	0.26	0.33	0.23	0.19	0.76336	0.96314	-0.14	-0.38	-0.27	0.14	-0.04	0.05	-0.01							
RPneg_157.08737_6.191	RP	neg	6.191	157.0874			4		0.12014	0.45565	-0.17	-0.04	0.11	-0.05	0.03	0.26	0.40327	0.85869	0.15	-0.39	0.26	0.16	0.07	0.50	0.12							
HILICneg_157.0876_0.66	HILIC	neg	0.66	157.0876			4		0.53387	0.79562	-0.17	-0.19	-0.07	0.19	-0.03	-0.13	0.89751	0.98506	0.01	-0.25	0.10	0.04	0.19	0.17	-0.13							
HILICpos_157.0972_4.76	HILIC	pos	4.76	157.0972			4		0.08348	0.40892	-0.28	-0.10	-0.05	-0.26	0.13	-0.70	0.31683	0.81306	0.24	-0.10	-0.12	0.53	0.43	-0.07	0.45							
HILICpos_157.0972_4.27	HILIC	pos	4.27	157.0972			4		0.27915	0.61371	-0.13	-0.04	-0.02	0.00	-0.12	0.20	0.48637	0.89761	-0.21	-0.33	-0.27	-0.16	-0.03	-0.28	-0.09							
HILICpos_157.0972_5.11	HILIC	pos	5.11	157.0972			4		0.07870	0.40147	-0.24	0.04	-0.16	-0.17	0.10	-0.73	0.51698	0.90777	0.25	-0.19	-0.03	0.70	0.45	-0.24	0.56							
HILICpos_157.17_5.57	HILIC	pos	5.57	157.1700			4		0.44110	0.73811	0.29	0.18	0.17	1.46	0.31	-0.69	0.43585	0.87641	0.17	-0.16	1.50	0.13	-0.02	0.07	-0.52							
RPneg_157.89944_14.177	RP	neg	14.177	157.8994			4		0.30369	0.63289	-0.25	0.49	-0.37	0.08	-0.02	0.59	0.32312	0.81674	-0.15	-0.31	-0.49	-0.21	0.02	0.12	-0.34							
HILICpos_158.0402_3.6	HILIC	pos	3.6	158.0402			4		0.69686	0.87590	-0.16	-0.04	0.24	-0.04	0.19	-0.58	0.00006	0.00859	0.49	0.49	0.40	0.46	0.52	0.54	-0.01							
RPneg_158.06146_4.734	RP	neg	4.734	158.0615			4		0.67896	0.86667	0.08	0.23	0.37	0.52	0.18	-0.06	0.16188	0.67149	-0.04	-0.13	0.02	-0.02	0.00	-0.08	0.06							
HILICneg_158.0808_0.67	HILIC	neg	0.67	158.0808			4		0.23759	0.57910	-0.19	-0.09	-0.21	-0.19	-0.11	-0.40	0.09955	0.57123	-0.13	-0.02	-0.06	-0.16	-0.18	-0.15	-0.08							
HILICneg_158.0825_0.66	HILIC	neg	0.66	158.0825			4		0.81099	0.92751	0.06	0.21	0.17	0.40	0.09	-0.21	0.37217	0.84176	0.46	0.40	0.70	0.59	0.54	0.77	0.53							
HILICneg_158.0825_0.96	HILIC	neg	0.96	158.0825			4		0.38535	0.69778	0.12	0.16	0.37	0.22	0.08	-0.26	0.14425	0.64706	0.46	0.40	0.63	0.76	0.48	0.48	-0.15							
RPneg_158.08273_3.158	RP	neg	3.158	158.0827			4		0.64107	0.84801	-0.03	0.09	0.39	0.13	-0.09	-0.25	0.06202	0.48484	1.07	0.92	1.15	0.94	1.18	1.31	-0.21							
RPneg_158.0828_1.321	RP	neg	1.321	158.0828			4		0.79017	0.91801	-0.07	0.24	0.22	0.43	0.05	-0.24	0.37950	0.84640	0.47	0.33	0.64	0.63	0.55	0.94	0.48							
RPneg_158.08286_4.25	RP	neg	4.25	158.0829			4		0.39017	0.70136	0.26	0.23	0.56	0.64	-0.29	0.01	0.87116	0.98093	-0.04	0.07	0.38	-0.26	0.41	0.94	-0.40							
HILICpos_158.0842_4.07	HILIC	pos	4.07	158.0842			4		0.10158	0.43389	-0.32	-0.03	0.47	0.12	-0.79	1.18	0.95258	0.99379	-0.02	0.04	0.05	0.17	0.24	-0.19	-0.36							
HILICpos_158.0923_6.95	HILIC	pos	6.95	158.0923			4		0.34481	0.66619	-0.30	0.18	0.37	-0.48	-0.21	-0.44	0.90088	0.98559	-0.02	0.36	0.37	0.22	-0.27	-0.55	-0.04							
HILICpos_158.0923_4.89	HILIC	pos	4.89	158.0923			4		0.87420	0.95278	-0.01	0.04	0.46	0.54	0.03	-0.03	0.52099	0.90888	0.16	0.08	0.75	0.67	0.17	-0.55	0.14							
HILICpos_158.1036_1.22	HILIC	pos	1.22	158.1036			4		0.91382	0.96820	0.01	-0.31	0.05	0.42	0.06	0.45	0.25410	0.76928	-0.38	-0.37	-0.41	0.09	-0.40	-0.87	0.10							
HILICpos_158.1174_2.22	HILIC	pos	2.22	158.1174			4		0.93945	0.97791	0.05	0.18	0.16	0.34	0.16	0.04	0.52818	0.91029	-0.16	-0.18	-0.17	-0.12	-0.11	-0.17	-0.22							
HILICpos_158.1176_3	HILIC	pos	3	158.1176			4		0.27576	0.61083	-0.24	-0.18	-0.19	-0.16	-0.11	-0.29	0.58798	0.92623	0.06	0.05	0.01	0.00	0.04	0.03	0.14							
HILICpos_158.1177_0.53	HILIC	pos	0.53	158.1177			4		0.59486	0.82647	0.08	0.05	0.15	0.05	0.07	-0.10	0.37971	0.84642	2.11	1.99	2.11	2.23	2.02	2.17	2.06							
HILICpos_158.1536_1.21	HILIC	pos	1.21	158.1536			4		0.36982	0.68609	0.07	0.14	-0.13	0.54	0.26	0.38	0.27386	0.78431	0.08	0.12	0.39	0.75	0.03	0.06	0.61							
HILICpos_158.1537_0.74	HILIC	pos	0.74	158.1537			4		0.94698	0.98048	-0.06	0.10	0.55	0.33	-0.41	0.17	0.96492	0.99626	-0.12	-0.04	-0.20	0.13	-0.10	-0.08	-0.74							
HILICpos_158.504_0.75	HILIC	pos	0.75	158.5040			4		0.51513	0.78530	0.20	0.08	0.43	0.21	0.44	0.00	0.10															

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline		IV-ASA			Baseline		IV-Ghrelin or Placebo			Baseline		IV-ASA			Baseline		IV-Ghrelin or Placebo		
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICpos_160.1082_3.09	HILIC	pos	3.09	160.1082		4		0.14044	0.48047	-0.12	-0.07	0.02	-0.12	-0.05	-0.05	0.17783	0.69251	0.11	0.11	0.07	0.14	0.20	0.03	0.14				
HILICpos_160.1331_1.9	HILIC	pos	1.9	160.1331		4		0.83324	0.93727	-0.01	0.14	0.19	0.20	0.12	-0.17	0.62007	0.93310	0.08	-0.09	-0.04	0.14	0.24	0.18	-0.10				
HILICpos_160.1332_2.21	HILIC	pos	2.21	160.1332		4		0.37371	0.68944	-0.14	0.12	0.16	0.09	-0.12	-0.23	0.93973	0.99108	-0.05	0.00	-0.18	0.22	0.10	-0.12	-0.30				
HILICpos_160.1332_2.03	HILIC	pos	2.03	160.1332		4		0.29521	0.62676	-0.11	0.01	0.03	0.27	-0.05	-0.10	0.20731	0.72381	-0.18	-0.25	-0.14	-0.07	-0.15	-0.15	-0.37				
RPpos_160.1335_6.85	RP	pos	6.85	160.1335		4		0.66042	0.85781	-0.29	0.11	0.06	0.60	0.09	-0.48	0.61126	0.93043	0.00	0.04	0.17	0.21	0.05	0.02	-0.03				
HILICneg_160.8424_1.41	HILIC	neg	1.41	160.8424		4		0.58052	0.99230	0.00	0.11	0.10	0.20	0.58	0.24	0.01618	0.72221	0.58	0.55	0.21	0.18	0.26	0.53	0.51				
HILICneg_160.8425_0.4	HILIC	neg	0.4	160.8425		4		0.90007	0.96330	-0.05	0.49	-0.02	0.29	0.22	0.40	0.68444	0.94844	-0.18	-0.27	0.57	-0.21	-0.51	-0.01	-0.99				
HILICneg_160.8425_7.39	HILIC	neg	7.39	160.8425		4		0.26963	0.60569	-0.34	-0.23	0.34	-0.12	-0.23	0.05	0.55545	0.91894	0.19	0.12	0.90	-0.09	0.31	-0.81	1.10				
HILICneg_160.8425_0.53	HILIC	neg	0.53	160.8425		4		0.82404	0.93341	0.10	0.01	0.42	0.45	0.11	0.02	0.79050	0.96713	-0.10	-0.61	-0.39	0.03	0.37	0.25	-0.10				
RPneg_160.84288_4.781	RP	neg	4.781	160.8429		4		0.49602	0.77392	-0.26	-0.33	-0.23	-0.02	0.02	0.40	0.03460	0.38093	-0.64	-0.22	-0.52	-0.15	-0.52	-0.54	0.77				
HILICneg_161.0094_3.33	HILIC	neg	3.33	161.0094		4		0.97661	0.99092	0.01	0.06	0.33	0.31	-0.17	-0.18	0.86655	0.98008	0.13	0.40	-0.09	0.28	-0.26	0.87	-0.21				
HILICneg_161.0094_3.21	HILIC	neg	3.21	161.0094		4		0.94417	0.97946	-0.02	0.04	0.33	0.20	0.03	-0.15	0.56236	0.92016	0.25	0.20	0.39	0.33	-0.06	0.42	-0.19				
RPneg_161.02504_5.782	RP	neg	5.782	161.0250		4		0.59219	0.82498	0.18	0.35	0.34	0.17	0.19	0.25	0.58071	0.92418	0.24	0.23	0.17	0.34	0.35	0.18	0.20				
HILICpos_161.0273_0.94	HILIC	pos	0.94	161.0273		4		0.57193	0.81512	0.08	0.13	0.18	0.24	0.25	-0.32	0.00433	0.13656	-0.44	-0.50	-0.55	-0.33	-0.33	-0.41	-0.57				
HILICpos_161.0379_5.2	HILIC	pos	5.2	161.0379		4		0.55310	0.80544	0.30	0.29	0.69	-0.17	0.44	0.88	0.09264	0.55931	0.26	0.16	0.37	0.07	0.10	0.47	0.38				
HILICneg_161.0459_5.17	HILIC	neg	5.17	161.0459		4		0.04250	0.32870	0.45	0.32	0.77	0.76	0.34	0.25	0.48625	0.89761	-0.36	0.36	-0.48	-0.84	0.35	-0.52	0.18				
HILICneg_161.0822_0.84	HILIC	neg	0.84	161.0822		4		0.48340	0.76654	0.30	0.40	0.44	0.51	0.50	0.12	0.64208	0.93677	-0.03	0.06	0.07	-0.02	-0.18	0.00	0.01				
HILICpos_161.0921_5.64	HILIC	pos	5.64	161.0921		4		0.06909	0.38211	0.24	0.24	0.64	0.35	0.22	-0.17	0.49510	0.89982	0.16	0.10	0.15	0.31	0.18	0.19	-0.19				
HILICneg_161.985_0.92	HILIC	neg	0.92	161.9850		4		0.15141	0.49379	-0.29	-0.32	-0.22	-0.21	-0.30	-0.16	0.08740	0.54647	-0.42	-0.46	-0.41	-0.44	-0.47	-0.41	-0.23				
RPneg_161.90398_4.708	RP	neg	4.708	161.9040		4		0.68682	0.87086	-0.18	-0.40	-0.01	-0.45	0.33	0.14	0.23659	0.74356	0.68	0.34	0.28	0.67	0.26	1.21	0.86				
RPneg_161.98683_1.198	RP	neg	1.198	161.9868		4		0.10182	0.43449	1.27	0.14	0.68	0.95	1.36	5.63	0.52511	0.90996	-0.16	-0.07	-0.09	-0.26	-0.13	-0.09	0.04				
RPneg_161.98683_1.514	RP	neg	1.514	161.9868		4		0.17559	0.52097	1.32	0.03	0.56	1.12	1.80	4.31	0.49310	0.89856	-0.18	-0.01	-0.14	-0.20	-0.22	-0.09	-0.12				
HILICneg_161.9943_6.23	HILIC	neg	6.23	161.9943		4		0.27088	0.60684	-0.25	0.05	0.28	0.08	-0.14	0.04	0.67296	0.94628	-0.02	-0.30	0.08	0.57	-0.60	-0.12	0.31				
HILICneg_162.0201_0.5	HILIC	neg	0.5	162.0201		4		0.03812	0.31543	0.24	0.35	0.46	0.17	0.29	0.47	0.84890	0.97736	0.10	0.14	0.20	0.24	0.03	0.05	-0.05				
RPpos_162.0584_1.77	RP	pos	1.77	162.0584		4		0.34737	0.66802	-0.20	-0.04	0.03	-0.21	-0.25	-0.01	0.97705	0.99726	-0.09	-0.05	0.11	-0.06	-0.16	-0.05	-0.33				
HILICpos_162.0759_1.1	HILIC	pos	1.1	162.0759		4		0.87504	0.95315	-0.24	-0.22	-0.26	-0.25	-0.10	-0.25	0.29821	0.80014	0.87	1.86	1.17	1.91	0.97	0.13	0.06				
HILICpos_162.0777_3.74	HILIC	pos	3.74	162.0777		4		0.52929	0.79301	-0.14	0.01	0.16	-0.02	-0.04	-0.47	0.00000	0.00006	0.50	0.45	0.50	0.51	0.51	0.47	0.27				
HILICneg_162.0779_6.43	HILIC	neg	6.43	162.0779		4		0.71195	0.88244	-0.01	0.13	0.28	0.11	-0.08	-0.15	0.59050	0.92655	-0.09	-0.08	-0.09	-0.09	-0.09	0.03	-0.26				
HILICpos_162.1124_5.91	HILIC	pos	5.91	162.1124		4		0.33793	0.66080	-0.19	-0.14	0.25	-0.29	-0.05	-0.28	0.26455	0.77665	-0.09	1.59	-0.54	-0.46	-0.07	0.73	-0.27				
HILICpos_162.1125_5.32	HILIC	pos	5.32	162.1125		4		0.36144	0.67972	-0.08	-0.05	0.19	0.15	0.18	-1.35	0.88307	0.98281	0.00	-0.45	-0.12	0.58	-0.04	-0.16	-1.35				
HILICpos_162.1126_5.45	HILIC	pos	5.45	162.1126		4		0.49655	0.77423	-0.09	0.23	0.17	0.15	0.10	-0.64	0.80803	0.97068	-0.02	0.13	-0.17	0.07	0.06	-0.02	-0.12				
HILICneg_162.8394_1.41	HILIC	neg	1.41	162.8394		4		0.85639	0.94625	0.07	0.19	0.12	0.65	0.60	0.35	0.03275	0.37254	0.47	0.26	0.21	0.83	0.24	0.43	0.95				
HILICneg_162.8394_0.53	HILIC	neg	0.53	162.8394		4		0.96013	0.98597	0.08	-0.05	0.29	0.44	0.09	0.22	0.94225	0.99171	-0.20	-0.66	-0.04	-0.37	0.11	0.14	0.15				
RPneg_162.8394_8.173	RP	neg	8.173	162.8394		4		0.18221	0.52814	-0.24	0.10	-0.40	0.19	-0.14	-0.53	0.53860	0.91464	-0.03	0.11	-0.27	0.19	0.12	-0.36	0.07				
HILICneg_162.8395_0.4	HILIC	neg	0.4	162.8395		4		0.80047	0.92283	-0.09	0.49	-0.23	0.24	0.18	0.36	0.43748	0.87685	-0.34	-0.31	0.36	-0.40	-0.40	-0.23	-0.80				
RPpos_162.8448_11.17	RP	pos	11.17	162.8448		4		0.70134	0.87812	0.15	0.15	-0.01	0.12	0.86	-0.79	0.43297	0.87530	0.47	1.93	-0.02	0.34	-0.29	0.27	0.10				
RPneg_162.93398_11.19	RP	neg	11.19	162.9340		4		0.01905	0.25131	2.61	0.64	0.06	2.94	3.92	-0.31	0.16412	0.67450	-0.47	0.15	0.08	-0.81	-0.28	-0.47	-0.22				
HILICneg_162.9406_0.92	HILIC	neg	0.92	162.9406		4		0.04951	0.34580	-0.33	-0.30	-0.24	-0.18	-0.24	-0.19	0.15171	0.65756	-0.34	-0.37	-0.30	-0.38	-0.25	-0.31	-0.13				
HILICpos_162.971_0.84	HILIC	pos	0.84	162.9710		4		0.66488	0.85973	0.07	0.14	0.19	0.15	0.24	-0.09	0.00499	0.14866	0.38	0.37	0.36	0.30	0.43	0.40	0.35				
HILICneg_162.9829_0.5	HILIC	neg	0.5	162.9829		4		0.19730	0.54206	-0.34	-0.35	-0.11	-0.29	-0.16	-0.54	0.36927	0.84019	-0.01	0.18	0.25	0.31	-0.27	0.34	-0.08				
HILICneg_163.0253_7.12	HILIC	neg	7.12	163.0253		4		0.25267	0.59120	-0.25	-0.14	-0.01	-0.12	-0.25	-0.75	0.94101	0.99151	0.01	0.31	0.31	1.79	-0.29	-0.38	-0.04				
HILICneg_163.0407_0.96	HILIC	neg	0.96	163.0407		4		0.30159	0.63108	0.25	0.25	0.66	0.43	0.24	-0.14	0.01145	0.22835	0.98	0.67	1.22	1.10	0.49	0.71	0.30				
HILICneg_163.0617_2.33	HILIC	neg	2.33	163.0617		4		0.63784	0.84699	0.03	0.18	0.18	0.26	0.19	0.07	0.37194	0.84160	-0.10	-0.09	-0.11	-0.17	0.02	-0.07	-0.13				
HILICneg_163.0618_4.94	HILIC	neg	4.94	163.0618		4		0.62096	0.83901	-0.13	-0.02	0.03	-0.03	-0.20	-0.85	0.93686	0.99026	-0.08	-0.14	-0.07	0.04	-0.06	-0.10	-0.40				
HILICneg_163.062_5.69	HILIC	neg	5.69	163.0620		4		0.81111	0.92758	-0.05	0.12	0.34	0.19	-0.20	-0.33	0.15100	0.90681	0.25	0.15	0.63	0.59	0.39	-0.01	-0.51				
RPneg_163.0768_8.31	RP	neg	8.31	163.0767		4		0.87951	0.95506	0.01	0.17	0.17	0.01	0.19	-0.24	0.29538	0.79878	0.34	0.36	0.38	0.33	0.26	0.27	0.34				
RPpos_163.0885_5.27	RP	pos	5.27	163.0885		4		0.39223	0.70267	0.28	0.65	0.02	-0.11	-0.14	-0.27	0.42379	0.86946	-0.10	-0.07	0.03	0.07	0.04	-0.43	-0.32				
HILICpos_163.0968_2.35	HILIC	pos	2.35	163.0968		4		0.06109	0.36821	0.61	0.14	0.81	0.59	0.92	0.19	0.81742	0.97227	0.06	-0.15	0.28	0.10	-0.02	-0.18	-0.22				
RPpos_163.1121_7.92	RP	pos	7.92	163.1121		4		0.08352	0.40892	-0.49	0.04	-0.48	0.00	-0.59	-0.13	0.12548	0.61698	-0.28	-0.15	-0.22	0.42	-0.11	-0.58	-0.21				
HILICpos_163.1225_1.27	HILIC	pos	1.27	163.1225		4		0.47719	0.76257	0.13	0.02																	

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-LD				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_165.09184_5.186	RP	neg	5.186	165.0918		4		0.62942	0.84323	0.16	0.11	0.34	0.59	0.14	0.41	0.79112	0.96731	0.05	-0.10	0.02	0.20	0.20	0.10	-0.10				
RPneg_165.09259_5.927	RP	neg	5.927	165.0926		4		0.27723	0.61167	0.17	0.17	0.42	0.36	0.32	0.02	0.02839	0.35171	0.33	0.33	0.35	0.28	0.32	0.36	0.24				
RPpos_165.1636_10.97	RP	pos	10.97	165.1636		4		0.17035	0.51532	-0.52	-0.21	-0.06	-0.04	-0.39	-0.67	0.65119	0.93978	0.22	1.37	-0.25	0.31	-0.03	0.10	0.68				
HILICneg_165.9169_0.52	HILIC	neg	0.52	165.9169		4		0.32112	0.64751	0.00	-0.06	0.09	0.15	0.09	0.37	0.10194	0.57518	-0.02	-0.17	-0.14	0.13	-0.02	0.11	-0.14				
HILICneg_166.0095_4.33	HILIC	neg	4.33	166.0095		4		0.88534	0.95758	0.03	0.29	0.68	0.07	-0.02	-0.11	0.00031	0.02678	0.08	0.37	0.51	0.67	0.54	0.07	0.07				
HILICneg_166.0181_1.19	HILIC	neg	1.19	166.0181		4		0.66125	0.93913	1.26	0.17	0.17	0.10	0.46	0.36	0.08948	0.33	0.33	0.15	0.48	0.28	1.26	0.26	0.26				
HILICneg_166.0395_5.62	HILIC	neg	5.62	166.0395		4		0.16935	0.51386	-0.25	-0.20	0.10	-0.18	-0.40	-0.21	0.05633	0.46881	-0.05	0.05	0.11	0.30	0.01	-0.21	-0.51				
HILICneg_166.0722_1.59	HILIC	pos	1.59	166.0722		4		0.08261	0.40762	-0.31	0.03	0.11	-0.10	-0.07	-0.15	0.73827	0.95910	0.28	0.77	0.47	0.17	0.31	-0.04	0.26				
HILICpos_166.0726_1.46	HILIC	pos	1.46	166.0726		4		0.28667	0.62026	-0.23	-0.08	0.23	0.23	0.18	0.04	0.51875	0.90851	0.13	0.31	0.24	-0.10	0.30	0.17	0.06				
HILICpos_166.0833_3.4	HILIC	pos	3.4	166.0833		4		0.40511	0.71204	-0.02	0.24	0.02	0.06	0.05	-0.33	0.99395	0.99904	0.06	0.15	0.10	-0.04	0.16	-0.06	0.00				
HILICpos_166.0863_2.59	HILIC	pos	2.59	166.0863		4		0.26340	0.60057	-0.19	0.05	-0.03	0.37	-0.08	-0.36	0.10503	0.58172	-0.23	-0.05	-0.22	-0.10	-0.45	-0.31	-0.13				
RPpos_166.0863_1.32	RP	pos	1.32	166.0863		4		0.43695	0.73499	-0.21	0.07	0.66	0.12	-0.06	-1.06	0.00394	0.12997	0.82	0.30	1.82	2.28	1.64	0.40	-0.97				
HILICpos_166.0864_3.07	HILIC	pos	3.07	166.0864		4		0.00177	0.08523	-0.38	-0.17	-0.23	-0.06	-0.19	-0.44	0.04917	0.44250	-0.13	-0.11	0.01	-0.09	-0.25	-0.26	0.01				
HILICpos_166.1589_0.54	HILIC	pos	0.54	166.1589		4		0.09010	0.41830	-0.35	-0.19	-0.31	0.21	-0.43	0.33	0.86758	0.98025	-0.18	-0.12	-0.68	-0.37	-0.23	0.29	0.43				
HILICneg_166.8334_0.4	HILIC	neg	0.4	166.8334		4		0.85101	0.94398	-0.09	0.01	-0.14	0.23	0.21	0.47	0.88529	0.98281	-0.08	-0.14	0.32	-0.08	-0.26	0.28	-0.67				
HILICneg_166.9841_5.69	HILIC	neg	5.69	166.9841		4		0.94374	0.97936	0.01	0.21	0.83	0.32	0.12	-0.82	0.06928	0.50432	0.45	0.23	0.67	0.54	0.27	0.89	-0.74				
HILICneg_166.9842_5.85	HILIC	neg	5.85	166.9842		4		0.97180	0.98962	0.05	0.39	0.60	0.12	0.22	-0.44	0.01051	0.21785	1.31	1.21	1.31	1.56	1.07	0.47	0.19				
HILICneg_167.0214_2.11	HILIC	neg	2.11	167.0214		4		0.15955	0.50302	-0.22	0.39	0.22	-0.40	0.00	-0.24	0.28330	0.79200	-0.30	0.29	-0.76	0.07	0.11	-0.81	0.07				
HILICneg_167.0215_4.89	HILIC	neg	4.89	167.0215		4		0.93681	0.99516	0.06	0.50	0.48	0.05	0.14	0.23	0.05237	0.45460	-0.30	0.01	-0.51	0.01	-0.64	-0.54	-0.55				
HILICneg_167.0233_6.29	HILIC	neg	6.29	167.0233		4		0.85514	0.94569	0.05	0.30	0.59	0.47	-0.10	-0.90	0.00070	0.04527	0.69	0.52	0.66	1.38	0.74	0.09	-0.55				
HILICpos_167.0334_0.37	HILIC	pos	0.37	167.0334		4		0.79418	0.91999	0.12	0.30	0.49	-0.16	0.58	0.09	0.73001	0.95751	-0.26	0.04	0.80	-0.39	-0.18	1.02	0.35				
RPneg_167.03523_2.018	RP	neg	2.018	167.0352		4		0.83394	0.93750	0.00	0.26	0.46	0.34	-0.13	-0.48	0.51982	0.90875	0.04	0.31	0.06	0.37	-0.03	-0.05	-0.48				
HILICneg_167.0353_0.87	HILIC	neg	0.87	167.0353		4		0.78419	0.91532	0.10	-0.02	0.81	0.54	-0.16	-0.46	0.47477	0.89269	0.05	0.22	0.19	0.25	0.07	-0.28	-0.36				
RPneg_167.03539_5.53	RP	neg	5.53	167.0354		4		0.16483	0.51041	0.23	0.30	0.38	0.40	0.39	0.55	0.41953	0.86739	-0.25	-0.56	-0.30	-0.11	-0.28	-0.01	-0.36				
HILICneg_167.0354_0.95	HILIC	neg	0.95	167.0354		4		0.90313	0.96425	0.04	-0.06	0.36	0.31	0.09	-0.22	0.85287	0.97790	0.17	0.02	0.47	0.36	0.26	0.12	-0.38				
RPneg_167.03554_1.323	RP	neg	1.323	167.0355		4		0.49963	0.77316	0.04	0.01	0.11	0.08	0.27	0.11	0.87673	0.98219	-0.06	-0.14	-0.02	-0.12	0.01	0.02	-0.25				
RPneg_167.03558_5.007	RP	neg	5.007	167.0356		4		0.82354	0.93316	0.02	0.04	0.22	0.15	0.18	0.17	0.05734	0.47112	-0.62	-0.67	-0.69	-0.60	-0.60	-0.54	-0.45				
HILICpos_167.0488_5.33	HILIC	pos	5.33	167.0488		4		0.48913	0.77061	0.19	0.59	0.47	0.16	0.45	0.66	0.05997	0.48016	0.11	-0.10	0.05	0.28	0.27	0.36	-0.71				
HILICpos_167.0926_1.15	HILIC	pos	1.15	167.0926		4		0.36934	0.68578	0.23	0.06	0.36	0.30	0.25	0.56	0.95624	0.99456	-0.04	-0.07	-0.01	-0.05	-0.02	-0.03	-0.14				
RPneg_167.10834_7.875	RP	neg	7.875	167.1083		4		0.03378	0.30413	0.51	0.11	1.02	0.71	0.48	0.02	0.00004	0.00615	0.76	0.17	0.57	1.16	0.85	0.91	0.05				
RPneg_167.6794_12.934	RP	neg	12.934	167.6794		4		0.23716	0.57874	-0.31	-0.08	0.05	-0.60	-0.01	-0.70	0.65332	0.94010	-0.01	-0.10	0.70	-0.17	-0.02	-0.10	-0.33				
HILICneg_167.8368_1.39	HILIC	neg	1.39	167.8368		4		0.90399	0.93465	0.07	0.13	-0.06	0.37	0.57	0.27	0.15032	0.65536	0.36	0.28	0.10	0.35	0.17	0.46	0.78				
HILICneg_167.8372_1.1	HILIC	neg	1.1	167.8372		4		0.03789	0.29464	-0.66	-0.18	-0.05	0.03	-0.17	-0.27	0.45893	0.89479	-0.22	-0.23	-0.58	0.00	-0.29	0.04	0.17				
HILICneg_167.8372_2.67	HILIC	neg	2.67	167.8373		4		0.32928	0.63349	0.13	0.00	-0.14	0.15	0.35	0.84	0.34675	0.82974	-0.01	-0.16	0.03	0.04	-0.22	0.22	0.00				
HILICneg_167.8373_0.89	HILIC	neg	0.89	167.8373		4		0.00701	0.16510	-0.68	-0.11	-0.24	-0.54	-0.14	-0.18	0.57348	0.92255	-0.15	0.12	-0.11	1.10	-0.09	0.09	0.67				
HILICneg_167.8373_0.89	HILIC	neg	0.89	167.8373		4		0.00265	0.10564	-0.51	0.04	-0.04	-0.37	-0.27	-0.34	0.12604	0.61762	-0.80	-0.53	-0.35	-0.53	-0.68	0.13	0.92				
RPneg_167.92851_15.512	RP	neg	15.512	167.9285		4		0.11976	0.45552	-0.45	-0.31	0.61	-0.51	0.26	-0.07	0.37454	0.84348	-0.37	-0.20	-0.49	0.29	-0.06	0.02	-0.55				
HILICneg_167.9974_6.63	HILIC	neg	6.63	167.9974		4		0.10801	0.44140	-0.33	0.06	-0.47	-0.29	-0.20	-0.58	0.04201	0.41487	-0.41	-0.28	-0.36	-0.36	-0.45	-0.55	0.14				
HILICpos_168.0007_5.11	HILIC	pos	5.11	168.0007		4		0.51453	0.78469	0.22	0.29	0.82	0.13	0.39	0.83	0.66941	0.94509	0.05	-0.73	-0.19	0.10	0.23	0.12	0.91				
HILICneg_168.0283_6.41	HILIC	neg	6.41	168.0283		4		0.17761	0.52336	-0.31	-0.15	-0.10	-0.14	-0.42	-0.16	0.00347	0.11987	-0.74	-0.92	-0.96	-0.36	-0.71	-0.67	-0.18				
RPneg_168.03033_2.243	RP	neg	2.243	168.0303		4		0.43940	0.73653	0.26	0.22	0.53	0.73	0.22	-0.11	0.12407	0.61426	0.81	1.23	0.78	0.78	1.03	0.81	-0.05				
HILICpos_168.0305_1.29	HILIC	pos	1.29	168.0305		4		0.37898	0.69373	0.26	0.25	0.50	0.73	0.21	-0.04	0.10413	0.58024	0.78	1.28	0.75	0.89	0.99	0.67	-0.09				
HILICpos_168.0491_6.11	HILIC	pos	6.11	168.0491		4		0.54031	0.79830	-0.07	0.20	0.16	0.02	0.01	-0.88	0.28482	0.79289	0.54	0.52	0.91	1.15	0.78	-0.07	-0.01				
HILICneg_168.0784_1.89	HILIC	neg	1.89	168.0784		4		0.79017	0.91807	0.08	0.17	0.24	0.15	0.21	-0.35	0.72601	0.95609	0.44	0.20	0.29	0.85	0.72	0.29	0.31				
HILICpos_168.1018_0.47	HILIC	pos	0.47	168.1018		4		0.79868	0.92221	-0.02	0.03	-0.04	0.09	0.04	0.0													

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Baseline			Post-LD			Baseline			IV-AC			Baseline			IV-AC		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
HILICpos_170.0323_5.57	HILIC	pos	5.57	170.0323		4		0.21012	0.55328	-0.30	-0.08	0.16	-0.25	-0.27	-0.22	0.08454	0.54063	-0.11	-0.03	-0.03	0.14	-0.12	-0.21	-0.55								
HILICneg_170.0464_1	HILIC	neg	1	170.0464		4		0.32594	0.65149	0.32	0.50	0.71	0.22	0.51	-0.21	0.46608	0.88791	0.41	0.64	0.56	0.75	0.29	0.49	-0.16								
HILICpos_170.0576_2.95	HILIC	pos	2.95	170.0576		4		0.80617	0.92563	-0.09	0.01	0.08	-0.01	0.00	-0.14	0.85042	0.97755	0.01	-0.04	0.05	0.05	-0.07	0.02	0.05								
RPpos_170.06_2.82	RP	pos	2.82	170.0600		4		0.09554	0.42567	-0.25	0.08	0.49	0.07	-0.73	-0.65	0.81873	0.97328	-0.04	-0.09	0.08	0.23	-0.03	-0.17	-0.33								
HILICpos_170.0602_4.07	HILIC	pos	4.07	170.0602		4		0.13839	0.47792	-0.35	0.52	-0.74	-0.08	-0.73	-0.83	0.89508	0.98465	-0.03	-0.19	0.15	0.40	0.08	-0.39	-0.38								
RPneg_170.0825_4.47	RP	neg	4.47	170.0826		4		0.02740	0.23842	0.48	-0.20	0.86	0.55	0.66	0.12	0.36334	0.83887	0.08	0.06	0.31	0.17	0.06	-0.06	0.10								
HILICpos_170.1175_4.25	HILIC	pos	4.25	170.1175		4		0.24299	0.58402	-0.23	0.00	-0.14	0.23	0.15	-0.27	0.81263	0.97170	-0.07	-0.18	-0.03	-0.20	-0.12	0.20	0.05								
HILICpos_170.1178_4.69	HILIC	pos	4.69	170.1178		4		0.58501	0.82137	-0.17	-0.07	-0.08	-0.05	-0.17	-0.12	0.01166	0.23023	-0.68	-0.75	-0.68	-0.62	-0.71	-0.71	-0.68								
HILICpos_170.1288_0.96	HILIC	pos	0.96	170.1288		4		0.52276	0.78923	-0.22	0.15	0.44	0.29	0.19	0.01	0.99824	0.99953	-0.02	0.97	-0.47	0.01	0.11	-0.12	-0.72								
HILICpos_170.1539_0.56	HILIC	pos	0.56	170.1539		4		0.00002	0.00843	-0.87	-0.19	-0.52	-0.39	-1.38	0.37	0.07063	0.50856	-0.76	-0.55	-1.45	-1.29	-0.66	-0.30	0.01								
RPpos_170.1543_3.56	RP	pos	3.56	170.1543		4		0.54905	0.80347	0.05	0.07	0.10	-0.07	0.21	0.57	0.10456	0.58038	-0.19	-0.22	-0.14	-0.22	-0.20	-0.10	-0.25								
HILICpos_170.5303_0.94	HILIC	pos	0.94	170.5303		4		0.25827	0.59630	0.19	0.17	0.39	0.40	0.28	-0.35	0.00304	0.11096	-0.43	-0.51	-0.53	-0.42	-0.24	-0.37	-0.58								
HILICneg_170.8334_4.89	HILIC	neg	4.89	170.8334		4		0.45118	0.74468	-0.25	-0.66	0.06	0.22	0.18	0.07	0.15278	0.65833	0.15	0.23	0.10	0.14	-0.13	0.33	0.53								
RPneg_170.83348_13.795	RP	neg	13.795	170.8335		4		0.46157	0.75219	-0.26	-0.34	-0.35	0.46	-0.44	0.12	0.51196	0.90599	-0.23	-0.43	-0.12	-0.19	-0.50	-0.01	0.06								
RPneg_170.83348_11.602	RP	neg	11.602	170.8335		4		0.12476	0.46025	-0.35	0.11	-0.08	0.02	-0.18	-0.93	0.54432	0.91534	0.16	0.40	0.32	0.31	-0.04	0.00	0.05								
HILICneg_170.8335_6.35	HILIC	neg	6.35	170.8335		4		0.04697	0.33960	-0.58	-0.58	-0.46	0.03	-0.18	-0.74	0.06718	0.49979	-0.13	0.07	-0.08	-0.77	-0.18	0.61	-0.54								
RPneg_170.83357_8.172	RP	neg	8.172	170.8336		4		0.00752	0.17009	-0.44	0.04	-0.30	-0.22	-0.25	-0.15	0.90180	0.98571	0.03	0.02	0.13	0.02	0.12	-0.16	0.00								
HILICneg_170.8336_6.26	HILIC	neg	6.26	170.8336		4		0.00075	0.05430	-0.65	-0.39	-0.57	-0.36	-0.16	0.01	0.62389	0.93348	-0.07	-0.11	-0.04	-0.19	-0.11	-0.05	0.11								
HILICneg_170.8336_0.39	HILIC	neg	0.39	170.8336		4		0.13831	0.47792	-0.35	0.52	-0.74	-0.08	-0.73	-0.83	0.26874	0.78099	-0.31	0.12	0.03	-0.46	0.03	-0.33	-0.51								
HILICneg_170.8336_7.39	HILIC	neg	7.39	170.8336		4		0.11386	0.44665	-0.52	-0.09	0.06	-0.68	0.07	-0.23	0.24527	0.76114	0.16	0.42	0.31	0.01	0.58	0.18	0.29								
HILICneg_170.8336_0.79	HILIC	neg	0.79	170.8336		4		0.14235	0.48216	-0.40	0.05	0.05	0.50	0.23	-0.18	0.36233	0.83661	0.32	0.30	-0.04	0.01	0.77	0.21	1.20								
HILICneg_170.8337_7.04	HILIC	neg	7.04	170.8337		4		0.02238	0.26651	-0.52	-0.36	-0.13	-0.49	-0.33	0.48	0.28836	0.79407	-0.30	-0.26	-0.10	-0.63	-0.83	-0.05	0.50								
HILICneg_170.8337_5.41	HILIC	neg	5.41	170.8337		4		0.18006	0.52549	-0.43	0.15	0.07	-0.10	-0.09	-0.05	0.15477	0.66099	0.06	0.10	0.20	-0.30	0.22	0.32	-0.69								
RPneg_170.83379_14.175	RP	neg	14.175	170.8338		4		0.22858	0.57032	-0.42	0.25	-0.47	0.35	-0.27	-0.44	0.07978	0.52971	-0.15	-0.36	-0.22	-0.10	-0.07	-0.18	0.17								
HILICneg_170.8338_0.52	HILIC	neg	0.52	170.8338		4		0.55110	0.80420	-0.06	-0.13	0.32	0.21	0.06	-0.35	0.08739	0.54647	-0.29	-0.37	-0.16	-0.40	-0.12	-0.46	-0.35								
RPneg_170.8338_10.204	RP	neg	10.204	170.8338		4		0.65320	0.85419	-0.17	0.10	0.23	0.32	0.34	0.53	0.36940	0.84019	-0.21	-0.16	0.01	-0.12	0.25	-0.92	-0.06								
RPneg_170.83382_10.09	RP	neg	10.09	170.8338		4		0.59870	0.82785	-0.24	-0.10	0.49	0.01	0.18	0.24	0.26245	0.77484	0.39	-0.37	2.01	-0.22	0.76	-0.03	-0.62								
RPneg_170.83382_10.798	RP	neg	10.798	170.8338		4		0.73138	0.89098	-0.12	0.09	0.07	0.20	0.04	0.07	0.46989	0.89010	0.19	1.55	-0.51	-0.87	-0.48	0.79	0.18								
RPneg_170.83389_10.524	RP	neg	10.524	170.8339		4		0.87497	0.95313	-0.03	0.11	0.16	0.29	0.33	0.31	0.44387	0.87978	0.05	0.03	0.10	0.06	-0.01	0.00	0.13								
HILICneg_170.834_4.12	HILIC	neg	4.12	170.8340		4		0.60946	0.83316	-0.25	-0.17	0.31	0.33	-0.58	-0.85	0.68772	0.94932	0.20	0.08	-0.05	0.49	0.05	-0.14	-0.12								
HILICneg_171.0086_1.42	HILIC	neg	1.42	171.0086		4		0.37555	0.69102	-0.26	-0.10	0.30	-0.44	-0.10	0.55	0.20726	0.72378	0.58	0.08	0.25	1.05	0.70	1.07	-0.24								
RPneg_171.02776_1.36	RP	neg	1.36	171.0278		4		0.20471	0.54871	0.32	0.20	0.12	0.27	0.14	-0.05	0.38944	0.85129	1.27	0.17	0.58	1.86	0.50	0.69	0.70								
RPneg_171.0278_1.053	RP	neg	1.053	171.0278		4		0.52139	0.78877	0.34	0.17	0.34	0.09	0.44	-0.02	0.16855	0.67993	0.56	0.01	0.34	0.27	0.68	-0.05	1.11								
RPneg_171.0281_1.595	RP	neg	1.595	171.0281		4		0.71117	0.88209	0.07	0.09	0.13	0.17	0.45	0.02	0.17336	0.68703	0.46	0.23	0.24	0.27	0.35	0.49	1.25								
RPneg_171.06654_5.162	RP	neg	5.162	171.0665		4		0.03969	0.31975	-0.53	-0.05	0.12	0.01	-0.56	-0.04	0.78214	0.96597	-0.01	-0.41	0.20	1.46	0.20	0.06	0.20								
HILICneg_171.0667_0.96	HILIC	neg	0.96	171.0667		4		0.69213	0.87353	0.11	0.52	0.40	0.28	0.34	0.03	0.78751	0.96713	-0.03	0.12	0.05	-0.12	0.06	-0.09	-0.24								
HILICneg_171.0667_4.33	HILIC	neg	4.33	171.0667		4		0.77913	0.91338	-0.05	0.17	0.82	0.19	-0.10	-0.11	0.00704	0.17688	0.42	0.32	0.60	0.80	0.54	0.12	-0.47								
HILICneg_171.0668_5.69	HILIC	neg	5.69	171.0668		4		0.80658	0.92567	0.03	0.07	0.49	0.71	-0.33	-0.12	0.17516	0.68982	0.43	0.26	0.67	0.32	0.66	0.58	-0.51								
HILICneg_171.0669_4.91	HILIC	neg	4.91	171.0669		4		0.71971	0.88585	0.14	0.56	0.90	0.22	0.20	-0.18	0.20842	0.72428	0.37	0.47	0.16	0.89	1.00	-0.40	-0.81								
HILICneg_171.0669_4.21	HILIC	neg	4.21	171.0669		4		0.02400	0.27334	-0.48	0.17	0.41	-0.16	-1.23	-1.15	0.48398	0.89667	0.18	0.23	0.37	0.17	0.88	-0.13	-0.53								
HILICpos_171.076_6.13	HILIC	pos	6.13	171.0760		4		0.68763	0.87124	0.05	0.17	0.57	0.17	0.19	-0.15	0.00702	0.17677	0.39	0.44	0.41	0.63	0.48	0.31	-0.05								
RPneg_171.10286_6.547	RP	neg	6.547	171.1029		4		0.66162	0.85808	-0.18	0.63	0.89	-0.08	0.28	0.00	0.06081	0.48165	-0.39	-0.26	-0.77	-0.34	0.02	-0.08	-0.01								
RPneg_171.13896_7.257	RP	neg	7.257	171.1390		4		0.17866	0.52425	0.65	0.39	0.99	0.63	0.57	-0.08	0.06365	0.48965	0.85	0.92	0.90	0.74	0.27	0.69	-0.04								
HILICpos_171.1492_1.03	HILIC	pos	1.03	171.1492		4		0.24311	0.58415	0.45	0.18	-0.13	0.29	1.21	-0.06	0.64690	0.93869	0.20	-0.11	-0.01	0.79	0.98	1.12	-0.45								
RPneg_171.17788_10.879	RP	neg	10.879	171.1779		4		0.04																								

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)										
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Area Under the Curve (AUC)			IV-Ghrelin or Placebo								
									p	q	d	Baseline			IV-ASA			p	q	d	Baseline			Post-LD			IV-AC		
												d	d	d	d	d	d				d	d	d	d	d	d	d	d	d
HILICneg_172.9581_4.36	HILIC	neg	4.36	172.9581			4		0.24709	0.58731	-0.33	-0.15	0.09	0.44	-0.17	-0.15	0.56290	0.92016	-0.16	-0.15	-0.63	0.57	-0.04	-0.57	0.03				
HILICneg_172.9583_5.42	HILIC	neg	5.42	172.9583			4		0.43361	0.73240	-0.30	-0.50	-0.31	0.15	0.00	0.46	0.16876	0.68028	-0.59	-0.20	-0.46	0.32	-1.26	-0.63	0.56				
HILICneg_172.9583_0.96	HILIC	neg	0.96	172.9583			4		0.80126	0.92334	-0.10	0.13	0.16	0.21	0.04	-0.01	0.73710	0.95879	-0.02	0.18	-0.01	0.01	-0.05	-0.12	0.05				
HILICneg_172.9584_5.96	HILIC	neg	5.96	172.9584			4		0.05198	0.34974	-0.44	-0.15	-0.36	0.18	-0.48	0.23	0.57505	0.92302	-0.06	0.17	0.03	-0.13	-0.12	-0.21	0.14				
HILICneg_172.9585_4.93	HILIC	neg	4.93	172.9585			4		0.15268	0.49511	-0.32	-0.03	-0.10	0.13	0.14	-0.55	0.05218	0.45455	0.32	0.29	0.40	0.62	-0.10	0.53	-0.18				
RPneg_172.9914_2.43	RP	neg	2.43	172.9914			4		0.57481	0.81927	0.04	0.05	-0.06	0.17	-0.15	0.04	0.07461	0.51785	0.37	0.25	0.25	0.35	0.21	0.32	0.35				
RPneg_172.99144_2.278	RP	neg	2.278	172.9914			4		0.81013	0.92724	-0.11	-0.10	-0.02	-0.21	0.04	0.04	0.09999	0.57187	0.31	0.14	0.26	0.37	0.47	0.18	0.34				
HILICneg_172.9916_0.49	HILIC	neg	0.49	172.9916			4		0.43114	0.73094	-0.21	-0.14	-0.13	-0.24	-0.17	0.01	0.04600	0.43053	0.42	0.39	0.44	0.39	0.42	0.38	0.51				
HILICneg_173.0055_1.41	HILIC	neg	1.41	173.0055			4		0.44236	0.73848	-0.22	0.03	0.38	-0.37	-0.11	0.46	0.26133	0.77484	0.59	0.03	0.24	0.81	0.59	1.36	-0.21				
HILICpos_173.0298_5.7	HILIC	pos	5.7	173.0298			4		0.40454	0.71194	-0.03	0.09	0.18	0.07	0.09	0.15	0.20581	0.72174	-0.22	-0.19	-0.18	-0.14	-0.21	-0.27	-0.31				
RPneg_173.0453_11.19	RP	neg	11.19	173.0453			4		0.03643	0.31135	1.24	0.09	0.00	0.90	2.97	0.13	0.83037	0.97467	0.01	0.15	0.49	0.31	-0.54	-0.57	0.07				
HILICneg_173.0458_2.33	HILIC	neg	2.33	173.0458			4		0.33950	0.66217	-0.04	0.14	0.25	0.12	0.11	0.20	0.59574	0.92780	-0.02	-0.28	0.35	-0.14	0.02	-0.01	-0.32				
HILICpos_173.0783_1.42	HILIC	pos	1.42	173.0783			4		0.50495	0.77931	0.07	0.30	0.27	0.45	0.22	0.09	0.03370	0.37697	-0.37	0.95	-0.62	-0.42	-0.36	-0.19	0.19				
HILICpos_173.0921_5.8	HILIC	pos	5.8	173.0921			4		0.55473	0.80652	0.22	0.37	0.76	0.37	0.02	-0.46	0.00891	0.20091	0.97	0.68	0.97	1.13	1.10	0.90	0.16				
HILICneg_173.0932_5.88	HILIC	neg	5.88	173.0932			4		0.27428	0.60955	0.16	0.31	0.59	0.37	0.17	-0.33	0.00159	0.07599	0.45	0.21	0.39	0.72	0.53	0.46	-0.06				
RPneg_173.11847_6.767	RP	neg	6.767	173.1185			4		0.50215	0.77746	-0.21	0.44	0.98	0.17	0.05	0.47	0.73546	0.95858	-0.11	0.08	0.49	-0.32	0.36	-0.01	-0.48				
RPneg_173.1185_6.882	RP	neg	6.882	173.1185			4		0.18066	0.52623	-0.36	0.29	0.31	0.35	0.13	-0.36	0.62280	0.93343	-0.28	0.25	-0.14	-0.59	-0.11	0.00	-0.21				
RPneg_173.1185_7.186	RP	neg	7.186	173.1185			4		0.66683	0.86056	-0.03	0.14	0.29	0.19	0.22	0.35	0.57364	0.92255	0.01	-0.06	0.04	0.24	0.22	-0.35	0.19				
RPneg_173.1185_7.008	RP	neg	7.008	173.1185			4		0.38474	0.69734	-0.20	0.11	0.03	0.17	0.37	-0.32	0.14710	0.65072	0.59	0.57	0.26	1.88	0.34	0.34	0.64				
HILICneg_173.1186_0.46	HILIC	neg	0.46	173.1186			4		0.40550	0.71224	0.24	0.04	0.75	0.38	0.80	-0.18	0.39765	0.85677	0.25	0.15	0.62	0.40	0.45	-0.34	0.09				
RPneg_173.1186_6.06	RP	neg	6.06	173.1187			4		0.46183	0.75239	0.23	-0.56	0.44	0.50	0.28	0.28	0.51269	0.90638	0.17	-0.52	0.56	0.27	-0.18	0.40	-0.29				
RPneg_173.1186_7.682	RP	neg	7.682	173.1187			4		0.43619	0.73444	-0.22	0.32	0.09	0.11	0.20	0.25	0.28203	0.79090	-0.13	-0.49	0.07	-0.07	0.03	0.01	-0.02				
HILICpos_173.1284_3.95	HILIC	pos	3.95	173.1284			4		0.38069	0.69498	0.20	0.36	1.34	0.28	0.05	-0.51	0.01614	0.27215	0.80	0.45	1.26	1.44	0.63	0.13	-0.33				
HILICpos_173.1284_4.22	HILIC	pos	4.22	173.1284			4		0.43697	0.73499	0.18	0.12	1.28	0.26	0.10	-0.28	0.00205	0.08802	0.68	0.25	1.00	1.33	0.55	0.32	-0.25				
HILICpos_173.1322_0.38	HILIC	pos	0.38	173.1322			4		0.58591	0.82164	-0.21	-0.21	-0.03	0.05	0.00	-0.42	0.58285	0.92451	0.24	1.40	-0.29	0.42	-0.03	0.17	0.50				
RPpos_173.1328_11.05	RP	pos	11.05	173.1328			4		0.20864	0.55161	-0.49	-0.16	-0.01	-0.14	-0.46	-0.49	0.49992	0.90116	0.29	1.50	-0.26	0.54	-0.05	0.18	0.62				
HILICpos_173.165_0.89	HILIC	pos	0.89	173.1650			4		0.00458	0.13611	-0.94	-0.83	-0.51	-0.52	-0.87	-0.72	0.49000	0.89836	-0.22	-0.48	-0.16	-0.75	-0.06	-0.13	-0.04				
HILICpos_173.165_1.47	HILIC	pos	1.47	173.1650			4		0.98004	0.99236	-0.01	0.11	0.06	0.03	0.05	-0.14	0.71118	0.95299	0.20	0.32	0.25	0.31	0.28	0.32	0.25				
RPpos_173.1652_7.36	RP	pos	7.36	173.1652			4		0.05998	0.36595	-0.66	0.08	-1.02	-0.36	-0.21	-0.09	0.38916	0.85117	-0.08	-0.07	0.06	-0.06	-0.62	-0.14	-0.08				
HILICneg_173.829_1.39	HILIC	neg	1.39	173.8290			4		0.70770	0.88077	0.12	0.17	0.08	0.40	0.57	0.23	0.11940	0.60572	0.35	0.33	-0.08	0.37	0.30	0.58	0.61				
HILICneg_173.8296_2.67	HILIC	neg	2.67	173.8296			4		0.00246	0.10246	-0.84	-0.08	-0.36	-0.41	-0.31	0.11	0.78972	0.96713	-0.13	0.10	-0.06	-0.69	-0.12	0.09	0.17				
HILICneg_173.9267_0.96	HILIC	neg	0.96	173.9267			4		0.78796	0.91694	-0.15	0.12	0.11	-0.07	-0.08	0.06	0.00255	0.09991	-0.42	-0.85	-0.78	-0.42	-0.35	-0.13	-0.27				
HILICneg_173.987_0.58	HILIC	neg	0.58	173.9870			4		0.51993	0.78761	-0.10	-0.18	0.10	-0.15	-0.19	-0.15	0.13002	0.69696	0.50	-0.44	-0.44	-0.34	0.38	-0.43	0.64				
HILICneg_173.9944_2.8	HILIC	neg	2.8	173.9944			4		0.09347	0.42297	-0.18	0.34	-0.08	-0.09	0.00	-0.63	0.17153	0.68439	0.43	0.43	0.51	0.69	0.54	0.28	-0.11				
HILICneg_174.0057_5.76	HILIC	neg	5.76	174.0057			4		0.05320	0.35272	-0.19	0.10	0.05	-0.01	-0.28	-0.04	0.22061	0.73716	-0.13	-0.02	0.08	-0.15	-0.20	-0.23	-0.12				
HILICneg_174.0411_4.33	HILIC	neg	4.33	174.0411			4		0.70243	0.87845	0.09	0.20	0.40	0.10	0.22	-0.05	0.00676	0.17372	0.66	0.44	0.46	0.48	1.08	0.38	0.27				
HILICneg_174.0413_5.41	HILIC	neg	5.41	174.0413			4		0.35469	0.67399	0.35	0.40	0.29	0.46	0.27	0.29	0.07886	0.52748	0.26	0.24	0.24	0.62	0.14	0.26	-0.16				
RPneg_174.05611_5.698	RP	neg	5.698	174.0561			4		0.05890	0.36415	0.72	0.72	0.93	0.84	0.63	0.79	0.09451	0.56282	-0.41	-0.44	-0.42	-0.47	-0.36	-0.39	-0.30				
RPneg_174.05615_4.466	RP	neg	4.466	174.0562			4		0.58066	0.81867	0.37	0.63	0.60	0.57	0.55	-0.32	0.89696	0.98504	-0.01	0.49	0.05	-0.22	0.10	-0.18	0.23				
HILICneg_174.0565_0.51	HILIC	neg	0.51	174.0565			4		0.07795	0.39986	0.62	0.17	1.05	0.94	0.32	0.31	0.42658	0.87138	0.59	-0.11	2.03	-0.22	0.90	1.13	-0.22				
RPneg_174.05949_2.846	RP	neg	2.846	174.0595			4		0.77380	0.91079	-0.09	0.48	1.17	0.13	-0.19	-0.25	0.51267	0.90638	-0.22	-0.29	0.03	0.23	0.11	-0.44	-0.32				
HILICneg_174.0596_1.1	HILIC	neg	1.1	174.0596			4		0.71587	0.88437	-0.11	0.39	1.20	0.01	-0.15	-0.28	0.47739	0.89338	-0.25	-0.17	-0.19	0.27	-0.01	-0.53	-0.33				
HILICneg_174.0776_1.19	HILIC	neg	1.19	174.0776			4		0.78470	0.91544	0.08	0.11	0.41	0.41	0.31	0.12	0.40526	0.86004	0.17	-0.04	0.53	-0.05	0.08	0.50	0.52				
HILICpos_174.1121_4.81	HILIC	pos	4.81	174.1121			4		0.44247	0.73848	-0.09	0.07	-0.01	-0.07	-0.09	-0.15													

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-LD				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_176.07208_4.973	RP	neg	4.973				4		0.80162	0.92346	-0.07	-0.04	0.01	-0.11	-0.04	0.49	0.13399	0.63100	0.42	0.44	0.43	0.29	0.49	0.39	0.50			
HILICpos_176.074_1.08	HILIC	pos	1.08	176.0740			4		0.80547	0.92518	-0.07	0.42	1.32	0.20	-0.18	-0.26	0.63573	0.93576	-0.17	-0.11	0.08	0.44	0.01	-0.38	-0.34			
RPpos_176.074_2.48	RP	pos	2.48	176.0740			4		0.97191	0.98967	0.01	0.48	0.88	0.37	-0.14	-0.25	0.39481	0.85426	-0.29	-0.32	0.05	0.20	0.12	-0.58	-0.32			
RPpos_176.0741_2.86	RP	pos	2.86	176.0741			4		0.85395	0.94531	-0.05	0.46	1.24	0.17	-0.18	-0.28	0.49006	0.89836	-0.22	-0.26	0.05	0.23	-0.02	-0.43	-0.31			
HILICpos_176.1279_4.13	HILIC	pos	4.13	176.1279			4		0.72151	0.64760	-0.26	-0.25	-0.26	-0.28	-0.26	-0.30	0.26765	0.64765	-0.08	-0.29	0.60	0.29	0.01	-0.05	-0.26			
HILICpos_176.1282_3	HILIC	pos	3	176.1282			4		0.76683	0.91620	-0.03	0.01	0.03	-0.09	0.00	-0.06	0.49747	0.90077	-0.16	-0.19	-0.15	0.19	-0.14	-0.12	-0.24			
HILICpos_176.1282_5.29	HILIC	pos	5.29	176.1282			4		0.38513	0.69767	-0.26	-0.13	-0.06	-0.29	-0.31	-0.17	0.62715	0.93462	-0.15	-0.19	-0.13	-0.09	-0.11	-0.04	-0.37			
HILICpos_176.1282_3.98	HILIC	pos	3.98	176.1282			4		0.36899	0.68541	-0.14	0.01	0.11	0.20	-0.15	-0.06	0.43277	0.87526	-0.04	-0.09	-0.10	0.18	-0.04	0.07	-0.27			
HILICpos_176.1394_3.6	HILIC	pos	3.6	176.1394			4		0.40998	0.71525	-0.25	-0.39	-0.11	0.42	-0.04	-0.44	0.02699	0.34474	0.34	0.11	0.47	0.53	0.26	0.08	0.20			
HILICpos_176.1643_0.77	HILIC	pos	0.77	176.1643			4		0.16664	0.51203	0.31	-0.08	0.03	0.32	0.63	0.06	0.87266	0.98134	0.05	1.02	-0.12	0.02	1.48	-0.09	-0.34			
RPpos_176.6106_10.08	RP	pos	10.08	176.6106			4		0.34721	0.66800	0.20	0.23	0.09	0.49	0.50	0.61	0.27710	0.78625	-0.17	-0.21	-0.22	0.02	-0.25	-0.18	0.04			
HILICneg_176.8177_7.08	HILIC	neg	7.08	176.8177			4		0.10909	0.44263	-0.46	-0.08	-0.27	0.07	0.26	0.54	0.02149	0.30973	-0.46	-0.58	-0.46	-0.57	-0.76	-0.86	0.50			
HILICneg_176.818_0.93	HILIC	neg	0.93	176.8180			4		0.01203	0.20984	-0.45	-0.42	-0.45	-0.07	-0.46	-0.15	0.22273	0.73947	-0.20	-0.17	-0.15	-0.43	-0.06	-0.17	0.01			
HILICneg_176.8264_4.89	HILIC	neg	4.89	176.8264			4		0.21231	0.55488	-0.38	-0.35	-0.05	-0.08	-0.25	-0.57	0.60291	0.92874	-0.01	0.05	-0.13	-0.14	0.25	-0.09	0.34			
RPneg_176.82661_14.18	RP	neg	14.18	176.8266			4		0.43503	0.73327	-0.24	0.03	-0.33	0.40	-0.47	-0.11	0.98368	0.99758	0.00	-0.40	0.30	-0.24	0.04	0.27	-0.44			
HILICneg_176.9174_7.73	HILIC	neg	7.73	176.9174			4		0.57551	0.81613	-0.19	0.17	0.14	0.07	-0.02	-0.26	0.07556	0.52069	-0.41	-0.23	-0.36	-0.26	-0.51	-0.48	-0.35			
RPneg_176.98692_2.197	RP	neg	2.197	176.9869			4		0.17915	0.52435	0.48	1.09	0.84	0.66	0.44	0.83	0.37447	0.84348	0.15	0.07	0.18	0.27	0.37	0.15	-0.06			
HILICpos_176.9995_1.38	HILIC	pos	1.38	176.9995			4		0.40381	0.71152	-0.25	-0.10	0.35	-0.49	-0.12	0.76	0.47631	0.89309	0.45	-0.20	0.13	0.88	0.54	1.33	-0.44			
RPneg_177.02283_1.863	RP	neg	1.863	177.0228			4		0.77618	0.91785	0.10	0.30	1.47	0.45	0.25	-0.39	0.43577	0.87641	0.38	-0.29	0.60	0.24	0.56	0.23	-0.11			
HILICneg_177.0231_2.33	HILIC	neg	2.33	177.0231			4		0.21083	0.55384	0.01	0.26	0.36	0.28	0.06	-0.70	0.70911	0.95266	-0.06	-0.34	0.11	0.21	0.07	0.23	0.18			
HILICneg_177.0231_0.96	HILIC	neg	0.96	177.0231			4		0.91619	0.96940	0.15	0.27	0.28	0.32	0.24	-0.15	0.07018	0.50745	0.62	0.49	0.81	0.66	0.66	0.52	0.42			
HILICpos_177.0247_6.25	HILIC	pos	6.25	177.0247			4		0.80438	0.92471	-0.06	0.24	0.67	0.44	-0.21	-0.52	0.03917	0.40353	0.41	0.41	0.61	0.87	0.38	-0.10	-0.80			
RPneg_177.05609_7.86	RP	neg	7.86	177.0561			4		0.48059	0.76426	0.31	0.19	0.38	0.29	0.44	0.15	0.77363	0.96458	0.41	0.42	0.43	0.42	0.42	0.40	0.44			
HILICpos_177.066_0.74	HILIC	pos	0.74	177.0660			4		0.30470	0.63375	0.26	0.17	0.50	0.39	0.58	0.07	0.24426	0.76059	0.64	0.60	0.61	0.86	0.68	0.70	0.40			
HILICpos_177.0746_1.22	HILIC	pos	1.22	177.0746			4		0.70409	0.87908	-0.02	0.13	0.04	0.16	0.08	0.64	0.76163	0.96272	-0.09	-0.36	-0.18	0.10	-0.12	-0.08	0.09			
HILICpos_177.0872_6.3	HILIC	pos	6.3	177.0872			4		0.27914	0.61371	-0.29	-0.35	-0.33	-0.52	0.15	0.89	0.22204	0.73863	0.46	0.19	0.26	0.41	0.25	0.52	0.98			
RPpos_177.1126_5.68	RP	pos	5.68	177.1126			4		0.31508	0.64256	-0.23	-0.18	0.00	-0.21	-0.09	-0.19	0.05743	0.47139	0.50	0.40	0.45	0.80	0.29	0.17	0.51			
HILICpos_177.1386_1.77	HILIC	pos	1.77	177.1386			4		0.79936	0.91969	-0.05	-0.08	-0.08	-0.07	0.03	0.26	0.94126	0.99159	-0.11	-0.02	-0.02	-0.10	-0.08	-0.09	-0.37			
RPneg_177.16528_7.889	RP	neg	7.889	177.1653			4		0.92587	0.97327	0.00	0.08	0.19	0.02	0.12	0.17	0.22051	0.73711	0.46	0.43	0.30	0.43	0.30	0.40	0.64			
HILICneg_177.9034_3.33	HILIC	neg	3.33	177.9034			4		0.50755	0.78075	-0.25	-1.17	0.19	0.21	0.28	-0.53	0.63587	0.93582	0.15	-0.38	0.18	0.01	-0.16	0.46	0.54			
HILICpos_177.9667_0.94	HILIC	pos	0.94	177.9667			4		0.63973	0.84771	0.07	0.03	0.20	0.13	0.45	-0.30	0.00849	0.19719	-0.40	-0.53	-0.46	-0.37	-0.27	-0.29	-0.64			
HILICneg_178.0065_5.85	HILIC	neg	5.85	178.0068			4		0.60427	0.82141	-0.10	0.33	0.56	0.10	-0.03	-0.64	0.00951	0.20755	1.08	0.88	0.99	1.27	0.80	0.71	0.13			
HILICneg_178.0516_1.02	HILIC	neg	1.02	178.0516			4		0.72466	0.60440	-0.69	0.44	0.78	1.26	0.67	0.39	0.99340	0.99904	0.06	-0.34	-0.03	0.74	0.36	0.48	-0.36			
HILICpos_178.0585_6.9	HILIC	pos	6.9	178.0588			4		0.03589	0.31047	-0.37	0.12	0.22	-0.43	-0.41	0.29	0.05527	0.46440	0.35	0.27	0.33	0.12	0.41	-0.01	-0.27			
HILICneg_178.0643_3.53	HILIC	neg	3.53	178.0643			4		0.70967	0.88142	-0.04	0.01	-0.01	-0.03	0.03	-0.31	0.76638	0.96390	-0.02	-0.04	-0.03	-0.02	-0.02	-0.05	0.08			
HILICpos_178.0721_2.47	HILIC	pos	2.47	178.0721			4		0.03420	0.30469	-0.38	-0.20	-0.27	-0.22	-0.47	0.48	0.58127	0.92438	-0.33	-0.10	0.06	-0.48	-0.13	-0.66	0.14			
HILICpos_178.0862_4.74	HILIC	pos	4.74	178.0862			4		0.08115	0.40576	-0.12	0.00	-0.03	0.17	-0.02	-0.04	0.02906	0.35551	-0.23	-0.20	-0.19	-0.25	-0.28	-0.24	-0.21			
HILICpos_178.0862_3.52	HILIC	pos	3.52	178.0862			4		0.07124	0.38666	-0.09	0.01	-0.03	0.24	-0.04	-0.06	0.05743	0.47139	-0.18	-0.16	-0.16	-0.17	-0.18	-0.17	-0.18			
RPpos_178.0864_4.98	RP	pos	4.98	178.0864			4		0.70623	0.88014	-0.09	-0.10	0.00	-0.11	-0.06	0.52	0.15048	0.65541	0.38	0.35	0.42	0.32	0.37	0.37	0.47			
RPneg_178.86534_11.195	RP	neg	11.195	178.8653			4		0.03768	0.31436	0.78	-0.07	0.22	0.42	2.25	-0.71	0.98429	0.99771	0.00	-0.05	-0.26	0.05	0.41	0.28	-0.03			
HILICneg_178.8807_4.37	HILIC	neg	4.37	178.8807			4		0.00349	0.12120	-0.48	-0.17	-0.42	-0.06	-0.02	-0.06	0.83319	0.97501	-0.01	0.00	-0.08	0.00	-0.11	0.14	0.07			
HILICneg_178.8807_1.29	HILIC	neg	1.29	178.8807			4		0.46321	0.75281	-0.23	-0.10	-0.13	0.26	-0.14	0.97	0.83676	0.97578	-0.06	-0.27	-0.04	0.00	-0.28	0.01	0.15			
HILICneg_178.8807_1.4	HILIC	neg	1.4	178.8807			4		0.29005	0.62327	-0.35	0.12	-0.10	0.31	0.36	0.17	0.14673	0.65071	0.03	0.26	-0.16	-0.18	-0.01	-0.09	0.56			
HILICneg_178.8808_4.28	HILIC	neg	4.28	178.8808			4		0.06415	0.37351	-0.53	-0.17	-0.13	-0.04	0.07	0.35	0.82946	0.97454	0.03	-0.02	0.07	-0.12	0.0					

Feature_ID	ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
										Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
										Baseline		IV-ASA			Baseline		IV-Ghrelin or Placebo			Baseline		IV-AC			Baseline		IV-Ghrelin or Placebo		
										p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICpos_181.0258_0.49	4	HILIC	pos	0.49	181.0258			4		0.42331	0.72516	-0.28	-0.13	0.10	0.07	-0.31	-0.47	0.91609	0.98777	-0.06	0.18	0.13	0.47	0.22	-0.07	0.32			
RPneg_181.03699_1.91	4	RP	neg	1.91	181.0370			4		0.73065	0.89053	-0.08	-0.02	0.00	0.03	0.01	-0.53	0.52983	0.91151	-0.17	-0.16	-0.17	-0.21	-0.14	-0.17	-0.23			
HILICneg_181.0373_2.46	4	HILIC	neg	2.46	181.0373			4		0.26043	0.59822	0.39	0.30	0.56	0.60	0.48	0.02	0.40133	0.85838	0.45	0.35	0.42	0.51	0.57	0.55	0.11			
HILICneg_181.0373_2	4	HILIC	neg	2	181.0373			4		0.70737	0.88052	-0.09	-0.02	0.03	0.02	-0.01	-0.49	0.51138	0.90555	-0.17	-0.19	-0.19	-0.19	-0.16	-0.18	-0.22			
HILICneg_181.039_5.17	4	HILIC	neg	6.17	181.0390			4		0.64956	0.85177	-0.18	0.50	0.32	0.03	0.08	-0.18	0.00750	0.18306	0.26	0.33	0.52	0.56	0.25	0.12	-0.18			
HILICneg_181.0507_0.75	4	HILIC	neg	0.75	181.0507			4		0.13795	0.54249	-0.25	0.54	0.28	0.21	0.34	0.31	0.26015	0.7444	0.7444	-0.06	-0.31	0.44	0.30	-0.21	-0.38			
RPneg_181.0509_2.812	4	RP	neg	2.812	181.0509			4		0.97248	0.98979	0.18	0.28	0.62	0.54	0.30	-0.37	0.38863	0.85116	0.19	-0.30	0.09	0.15	0.35	0.29	0.22			
RPneg_181.05095_2.308	4	RP	neg	2.308	181.0510			4		0.50524	0.77940	-0.11	-0.29	-0.04	0.02	-0.06	-0.42	0.07870	0.52743	0.67	0.39	0.85	0.88	1.08	0.93	0.06			
HILICneg_181.0719_4.57	4	HILIC	neg	4.57	181.0719			4		0.68762	0.87124	0.17	0.53	0.34	0.23	0.49	0.62	0.58896	0.92655	0.18	0.38	0.24	0.48	0.24	0.21	-0.28			
RPpos_181.0722_2.56	4	RP	pos	2.56	181.0722			4		0.59315	0.82560	0.15	0.16	0.22	0.24	0.26	-0.03	0.70457	0.95228	-0.08	-0.06	-0.03	-0.07	-0.05	-0.11	-0.31			
HILICpos_181.0829_1.38	4	HILIC	pos	1.38	181.0829			4		0.45873	0.75022	-0.24	-0.12	0.31	-0.37	-0.07	0.64	0.45830	0.88479	0.40	0.13	0.16	0.68	0.55	1.09	-0.38			
RPpos_181.086_7.72	4	RP	pos	7.72	181.0860			4		0.36895	0.68539	-0.06	0.02	0.14	-0.10	0.04	-0.26	0.86378	0.97991	0.05	-0.01	0.12	0.06	0.03	0.10	-0.04			
RPpos_181.1585_11.05	4	RP	pos	11.05	181.1585			4		0.18929	0.53578	-0.49	-0.17	-0.05	-0.12	-0.44	-0.55	0.51464	0.90649	0.30	1.29	-0.29	0.67	0.01	0.21	0.62			
HILICneg_182.0325_4.91	4	HILIC	neg	4.91	182.0325			4		0.89978	0.96330	0.08	0.49	0.52	0.11	0.18	0.19	0.13017	0.62371	-0.20	0.23	-0.42	0.05	0.15	-0.55	-0.52			
HILICneg_182.0326_2.11	4	HILIC	neg	2.11	182.0326			4		0.30319	0.63234	-0.17	0.29	0.29	-0.13	0.01	0.25	0.09370	0.56064	-0.33	0.03	-0.65	-0.03	0.05	-0.45	-0.52			
HILICneg_182.0459_0.95	4	HILIC	neg	0.95	182.0459			4		0.44516	0.74083	0.52	0.05	1.46	0.58	0.63	-0.12	0.40324	0.85869	1.85	2.75	2.50	1.72	1.61	1.25	0.57			
RPneg_182.04591_1.689	4	RP	neg	1.689	182.0459			4		0.46223	0.75264	0.54	0.13	1.11	0.63	0.76	0.07	0.41095	0.86360	1.61	2.07	2.17	1.64	1.36	1.19	0.55			
HILICneg_182.0576_5.89	4	HILIC	neg	5.89	182.0576			4		0.50875	0.78161	0.24	0.36	0.78	0.06	0.49	0.01	0.00048	0.03598	0.89	0.68	1.00	0.91	0.81	1.23	-0.02			
HILICpos_182.0578_3.4	4	HILIC	pos	3.4	182.0578			4		0.30659	0.63338	-0.02	0.10	-0.01	0.08	0.07	-0.38	0.76156	0.96272	0.00	-0.04	-0.05	0.27	-0.07	-0.02	-0.22			
HILICpos_182.0789_4.54	4	HILIC	pos	4.54	182.0789			4		0.97587	0.99063	0.07	0.09	0.02	0.03	0.04	-0.53	0.75987	0.96243	-0.04	0.03	-0.03	0.03	0.01	-0.05	-0.10			
RPpos_182.0811_1.21	4	RP	pos	1.21	182.0811			4		0.49346	0.73162	0.21	0.39	1.16	0.52	0.10	-0.52	0.05608	0.46773	0.49	0.14	0.61	0.99	0.73	0.43	-0.33			
HILICpos_182.0811_0.84	4	HILIC	pos	0.84	182.0811			4		0.21677	0.55881	0.14	0.03	0.29	0.19	0.27	0.03	0.94040	0.99127	-0.13	-0.12	-0.22	-0.05	0.06	-0.09	-0.29			
RPneg_182.08232_4.398	4	RP	neg	4.398	182.0823			4		0.22660	0.56859	0.28	0.23	0.36	0.54	0.21	0.16	0.75041	0.96176	0.13	-0.41	-0.12	-0.06	0.52	0.54	-0.12			
HILICpos_182.0926_4.18	4	HILIC	pos	4.18	182.0926			4		0.33826	0.66125	-0.26	-0.14	-0.21	-0.30	-0.19	-0.02	0.11909	0.60528	-0.59	-0.39	-0.50	-0.64	-0.62	-0.54	-0.50			
HILICpos_182.1037_1.38	4	HILIC	pos	1.38	182.1037			4		0.40285	0.71088	-0.26	-0.18	0.26	-0.46	-0.07	0.87	0.60269	0.92874	0.22	-0.23	0.20	0.55	0.62	0.49	-0.39			
RPpos_182.1177_7.42	4	RP	pos	7.42	182.1177			4		0.92800	0.97426	-0.01	0.09	0.08	-0.01	0.10	0.23	0.66397	0.94310	-0.02	-0.03	0.05	-0.04	0.00	-0.01	-0.05			
HILICpos_182.1384_0.56	4	HILIC	pos	0.56	182.1384			4		0.75895	0.90482	0.11	0.28	0.13	1.14	0.16	-0.07	0.86595	0.98005	-0.07	0.00	0.23	0.33	-0.19	-0.23	0.59			
HILICneg_182.5204_4.94	4	HILIC	neg	4.94	182.5204			4		0.50193	0.77730	-0.20	-0.10	-0.11	-0.14	-0.12	-0.69	0.30868	0.80765	-0.25	-0.19	-0.32	-0.15	-0.30	-0.04	-0.59			
HILICpos_182.707_4.3	4	HILIC	pos	4.3	182.7070			4		0.26097	0.59840	-0.42	-0.24	0.06	0.02	-0.06	-0.01	0.34231	0.82739	0.03	0.08	0.33	-0.07	0.21	0.05	-0.06			
HILICneg_182.8254_1.45	4	HILIC	neg	1.45	182.8254			4		0.27754	0.61209	-0.28	-0.02	-0.18	-0.13	-0.01	0.37	0.00000	0.00088	-0.44	-0.37	-0.54	-0.62	-0.32	-0.32	-0.27			
RPneg_182.85997_13.839	4	RP	neg	13.839	182.8600			4		0.34576	0.66700	-0.22	0.15	-0.31	-0.04	0.20	-0.30	0.37492	0.84371	-0.53	-1.30	-1.31	0.49	0.13	0.20	-0.06			
HILICneg_182.8748_4.37	4	HILIC	neg	4.37	182.8748			4		0.00658	0.33577	-0.45	0.24	-0.27	0.06	0.12	0.53	0.13254	0.70820	-0.22	-0.04	-0.47	-0.07	-0.34	0.12	-0.33			
HILICpos_182.8748_4.28	4	HILIC	pos	4.28	182.8748			4		0.94609	0.90932	-0.06	-0.19	0.24	0.33	0.26	0.54	0.79151	0.96742	-0.09	0.19	0.30	-0.04	-0.17	-0.46	0.02			
HILICneg_182.9503_3.46	4	HILIC	neg	3.46	182.9503			4		0.61698	0.83716	0.13	0.53	0.28	0.66	0.63	0.71	0.71017	0.95280	-0.09	-0.14	-0.35	0.08	0.15	-0.13	-0.09			
HILICneg_183.0108_0.83	4	HILIC	neg	0.83	183.0108			4		0.41814	0.72193	0.02	0.17	0.26	0.04	0.24	-0.41	0.10682	0.58505	0.19	0.14	0.18	0.42	0.36	-0.10	0.24			
HILICneg_183.016_2.45	4	HILIC	neg	2.45	183.0160			4		0.28642	0.61993	-0.19	0.25	0.21	-0.21	0.03	0.13	0.14296	0.64534	-0.30	-0.10	-0.50	-0.04	0.08	-0.45	-0.35			
HILICneg_183.0161_4.9	4	HILIC	neg	4.9	183.0161			4		0.80182	0.92347	0.11	0.45	0.54	0.06	0.19	0.30	0.09098	0.55569	-0.29	-0.01	-0.50	-0.04	0.14	-0.79	-0.48			
HILICneg_183.0167_4.2	4	HILIC	neg	4.2	183.0167			4		0.17383	0.51922	-0.18	0.30	0.46	-0.07	-0.44	-0.44	0.59505	0.92745	0.19	0.42	0.18	0.25	0.30	0.09	-0.30			
RPneg_183.0275_1.907	4	RP	neg	1.907	183.0275			4		0.31721	0.64541	0.29	0.51	0.92	0.56	0.68	0.23	0.43908	0.87778	0.22	0.11	0.08	0.07	0.41	0.48	-0.13			
HILICneg_183.0278_1.05	4	HILIC	neg	1.05	183.0278			4		0.15406	0.49686	-0.35	0.15	-0.23	-0.05	0.23	-0.24	0.14607	0.64946	-0.18	0.26	-0.35	-0.80	0.07	-0.27	0.72			
HILICneg_183.036_6.18	4	HILIC	neg	6.18	183.0360			4		0.57686	0.81658	-0.22	0.03	0.40	0.09	0.08	-0.34	0.97785	0.99726	0.03	0.38	0.05	0.28	-0.07	-0.13	-0.18			
RPneg_183.06651_6.19	4	RP	neg	6.19	183.0665			4		0.28006	0.61451	0.19	0.25	0.31	0.40	0.44	0.14	0.23617	0.75417	-0.14	-0.20	-0.03	-0.20	-0.09	-0.17	-0.13			
RPpos_183.1019_13.15	4	RP	pos	13.15	183.1019			4		0.11226	0.44778	-0.48	-0.48	0.55	-0.58														

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			IV-AC			Ghrelin			Placebo		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
HILICneg_185.0823_0.96	HILIC	neg	0.96	185.0823			4		0.97698	0.99097	-0.02	-0.01	0.26	0.07	0.19	-0.12	0.52835	0.91029	0.11	0.09	0.25	0.16	0.08	-0.10	0.26							
RPneg_185.11839_6.673	RP	neg	6.673	185.1184			4		0.44028	0.73733	0.28	0.19	0.34	0.91	0.30	-0.03	0.12772	0.61925	0.62	0.26	0.00	0.73	0.88	0.32	0.37							
RPneg_185.11842_7.03	RP	neg	7.03	185.1184			4		0.81724	0.93044	-0.05	0.04	0.07	0.01	0.29	0.09	0.08421	0.53914	0.33	0.42	0.16	0.51	0.55	0.29	0.29							
HILICneg_185.1185_0.58	HILIC	neg	0.58	185.1185			4		0.01335	0.20557	0.60	0.26	0.79	0.98	0.38	0.36	0.00135	0.06789	0.64	0.27	0.56	0.85	0.57	0.56	0.54							
RPneg_185.11861_8.304	RP	neg	8.304	185.1186			4		0.02099	0.26112	0.64	0.27	0.84	1.01	0.37	-0.07	0.00199	0.08429	0.80	0.60	0.54	1.01	0.83	0.97	0.72							
RPneg_185.1188_7.818	RP	neg	7.818	185.1188			4		0.20899	0.55161	0.45	0.85	1.23	0.79	0.34	-0.33	0.23976	0.65656	0.79	0.24	0.90	0.68	1.05	0.93	-0.16							
RPneg_185.1188_7.884	RP	neg	7.884	185.1188			4		0.87396	0.95270	0.07	0.16	0.35	-0.04	0.49	0.30	0.00821	0.19344	0.90	0.36	0.43	0.32	0.76	0.87	0.34							
RPneg_185.11882_6.524	RP	neg	6.524	185.1188			4		0.05262	0.35074	0.59	0.77	1.34	0.74	0.70	0.41	0.03010	0.36201	0.35	0.23	0.20	0.46	0.25	0.65	0.24							
HILICpos_185.1281_0.62	HILIC	pos	0.62	185.1281			4		0.07931	0.40266	-0.18	-0.07	-0.07	0.13	-0.08	-0.61	0.29963	0.80176	-0.15	-0.10	-0.19	-0.14	-0.22	-0.09	0.06							
RPpos_185.1283_2.31	RP	pos	2.31	185.1283			4		0.12534	0.46115	-0.13	0.06	0.10	-0.07	0.01	-0.48	0.39930	0.85782	-0.12	-0.07	-0.05	-0.14	-0.14	-0.12	-0.15							
RPpos_185.129_2.71	RP	pos	2.71	185.1290			4		0.12100	0.45664	-0.12	0.03	0.12	-0.02	0.00	-0.55	0.31787	0.81407	-0.15	-0.12	-0.12	-0.18	-0.10	-0.14	-0.21							
RPneg_185.15485_8.423	RP	neg	8.423	185.1549			4		0.15798	0.50099	-0.46	0.39	0.48	-0.20	-0.47	0.37	0.57104	0.92159	-0.03	0.28	0.11	-0.12	-0.09	-0.07	-0.14							
HILICpos_185.1648_1.48	HILIC	pos	1.48	185.1648			4		0.11455	0.45017	1.45	0.13	0.82	4.43	0.26	0.38	0.06383	0.48998	0.58	0.34	2.13	1.05	0.83	0.76	-0.47							
HILICneg_185.8454_1.42	HILIC	neg	1.42	185.8454			4		0.37862	0.69334	-0.22	0.08	-0.05	0.42	0.12	0.51	0.05719	0.47046	0.40	0.22	0.30	0.95	-0.26	0.50	0.93							
HILICneg_185.8459_7.39	HILIC	neg	7.39	185.8459			4		0.72637	0.88845	-0.12	0.27	0.44	0.05	0.26	-0.32	0.70012	0.95161	-0.20	-1.43	0.74	-0.53	-0.02	0.05	0.47							
HILICneg_185.8459_0.54	HILIC	neg	0.54	185.8459			4		0.15631	0.49930	-0.46	-0.15	-0.85	0.41	-0.26	0.13	0.02246	0.31673	0.57	1.17	-0.49	0.16	0.84	1.15	1.29							
HILICneg_185.9598_5.33	HILIC	pos	5.33	185.9598			4		0.02207	0.26503	-0.50	-0.40	-0.16	0.04	-0.41	-0.73	0.35701	0.83402	-0.27	-0.22	0.65	-0.07	-0.34	-0.44	-0.39							
RPneg_185.96281_1.053	RP	neg	1.053	185.9628			4		0.21938	0.56138	0.45	0.73	0.24	0.52	0.85	0.50	0.37315	0.98145	-0.08	-0.09	-0.12	0.06	-0.17	-0.15	0.14							
HILICneg_185.9633_0.68	HILIC	neg	0.68	185.9633			4		0.28699	0.62057	0.28	0.00	0.70	0.01	0.37	0.11	0.36929	0.8699	0.06	0.31	0.88	3.68	2.76	0.40	-0.04							
HILICneg_185.9944_4.33	HILIC	neg	4.33	185.9944			4		0.19810	0.54264	-0.24	0.27	0.33	-0.13	-0.11	-0.20	0.01751	0.28231	0.18	0.10	0.09	0.23	0.40	0.15	-0.08							
HILICneg_186.0388_5.85	HILIC	neg	5.85	186.0388			4		0.97137	0.98927	0.66	0.43	0.77	0.26	0.14	-0.68	0.03940	0.40449	1.09	0.87	1.09	1.30	0.92	0.61	-0.15							
RPneg_186.05643_2.942	RP	neg	2.942	186.0564			4		0.98077	0.99266	-0.23	-0.15	-0.11	-0.19	-0.25	-0.07	0.24395	0.76006	0.05	0.02	0.01	0.15	0.08	0.00	-0.06							
HILICneg_186.0565_1.44	HILIC	neg	1.44	186.0565			4		0.79646	0.92130	-0.23	-0.16	-0.15	-0.19	-0.21	-0.07	0.32928	0.82035	0.05	-0.03	0.02	0.11	0.06	0.05	-0.04							
HILICpos_186.0875_5.14	HILIC	pos	5.14	186.0875			4		0.70824	0.88085	-0.02	-0.17	0.21	-0.12	0.08	0.44	0.60578	0.92920	0.03	0.08	-0.02	0.56	0.07	-0.08	-0.09							
HILICneg_186.1061_5.41	HILIC	pos	5.41	186.1061			4		0.72172	0.88633	-0.14	0.36	1.09	-0.21	-0.25	0.48	0.71044	0.95280	0.07	-0.01	0.22	1.05	0.28	0.77	-0.33							
HILICpos_186.1121_4.53	HILIC	pos	4.53	186.1121			4		0.07580	0.39583	-0.17	-0.01	-0.04	-0.11	-0.08	-0.18	0.89524	0.98465	-0.06	-0.12	-0.10	0.05	-0.02	-0.08	-0.18							
HILICpos_186.1124_3.92	HILIC	pos	3.92	186.1124			4		0.46035	0.75115	-0.06	0.17	0.23	0.22	0.09	-0.40	0.51442	0.90649	-0.10	-0.14	-0.06	-0.03	-0.04	-0.11	-0.31							
HILICpos_186.1125_1.82	HILIC	pos	1.82	186.1125			4		0.04585	0.33705	0.11	0.06	0.16	0.18	0.28	-0.22	0.81247	0.97170	-0.07	-0.07	-0.05	-0.02	-0.04	-0.12	-0.21							
HILICpos_186.1127_1.93	HILIC	pos	1.93	186.1127			4		0.47506	0.76085	0.22	0.18	0.87	0.68	0.79	0.03	0.08619	0.54404	0.52	0.25	0.67	0.59	0.76	0.13	-0.02							
HILICpos_186.1487_2.14	HILIC	pos	2.14	186.1487			4		0.99698	0.99885	0.03	0.18	0.38	0.20	-0.10	0.14	0.67824	0.94718	-0.16	-0.48	0.08	0.03	-0.30	-0.10	-0.57							
HILICneg_186.8981_0.93	HILIC	neg	0.93	186.8981			4		0.25005	0.58900	-0.26	-0.24	-0.13	-0.02	-0.32	0.04	0.21203	0.72887	-0.28	-0.42	-0.27	-0.22	-0.21	-0.30	0.15							
HILICneg_186.9343_5.69	HILIC	neg	5.69	186.9343			4		0.89960	0.96330	0.02	0.30	0.60	0.09	0.08	-0.09	0.01716	0.27969	0.40	0.09	0.41	0.68	0.31	0.40	-0.41							
HILICneg_186.9345_5.85	HILIC	neg	5.85	186.9345			4		0.89428	0.99806	0.05	0.47	0.61	0.37	0.13	-0.48	0.11006	0.59153	0.71	0.59	1.00	0.66	0.43	0.13	-0.13							
HILICpos_186.9806_0.94	HILIC	pos	0.94	186.9806			4		0.77110	0.91017	-0.11	0.04	0.30	0.14	0.20	-0.42	0.02490	0.33219	-0.28	0.09	-0.36	-0.36	0.01	-0.42	-0.44							
RPneg_186.9809_4.97	RP	neg	4.97	186.9810			4		0.44505	0.74083	0.01	0.16	0.25	-0.06	0.13	0.03	0.55027	0.91742	-0.06	-0.13	-0.09	-0.08	-0.02	-0.06	0.04							
HILICneg_187.0071_0.96	HILIC	neg	0.96	187.0071			4		0.03669	0.31209	0.70	0.66	0.98	0.58	0.59	0.98	0.12183	0.60974	-0.61	-0.60	-0.59	-0.55	-0.56	-0.63	-0.52							
RPneg_187.00735_3.192	RP	neg	3.192	187.0074			4		0.15300	0.49597	0.82	0.11	1.90	0.70	1.25	0.64	0.37287	0.84231	0.47	0.02	0.60	0.96	0.50	-0.27	0.19							
RPneg_187.00764_3.589	RP	neg	3.589	187.0076			4		0.83727	0.93874	0.05	-0.12	0.05	0.11	0.44	0.37	0.14202	0.64445	-0.36	-0.26	-0.41	-0.21	-0.30	-0.40	-0.29							
HILICneg_187.0145_0.87	HILIC	neg	0.87	187.0145			4		0.24016	0.58122	-0.30	0.17	0.27	0.46	-0.87	-0.44	0.45256	0.88300	0.26	0.33	0.02	0.25	0.35	0.38	-0.03							
HILICpos_187.03_6.13	HILIC	pos	6.13	187.0300			4		0.51981	0.78761	-0.23	0.28	0.17	0.01	-0.05	0.16	0.31866	0.81449	0.09	0.78	0.27	0.30	-0.24	0.04	-0.51							
HILICneg_187.0379_3.33	HILIC	neg	3.33	187.0379			4		0.59155	0.82476	-0.17	0.06	-0.18	-0.23	0.02	-0.24	0.08049	0.53137	-0.32	-0.02	-0.05	-0.04	-0.27	-0.55	-0.22							
HILICpos_187.0577_2.67	HILIC	pos	2.67	187.0577			4		0.14691	0.48845	0.54	0.12	0.60	0.84	1.18	-0.07	0.97672	0.99719	-0.01	0.00	-0.05	-0.01	-0.04	-0.04	-0.11							
HILICneg_187.0725_5.15	HILIC	neg	5.15	187.0725			4		0.43150	0.73104	0.26	0.03	0.58	0.49	0.40	0.07	0.00652	0.17090	0.38	-0.22	0.39	0.49	0.47	0.38	0.32							
RPneg_187.07465_3.73	RP	neg	3.73	187.0747			4		0.06857	0.38092	0.59	0.34	1.44	0.52																		

IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																		
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)																			
									IV-Ghrelin or Placebo					BrAC=0					IV-Ghrelin or Placebo					BrAC=0				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICpos_188.1278_4.7	HILIC	pos	4.7	188.1278			4		0.18188	0.52784	-0.17	-0.05	-0.21	-0.10	-0.07	0.19	0.61780	0.93244	-0.10	-0.09	-0.09	-0.08	-0.12	-0.09	-0.13			
HILICpos_188.1282_3.76	HILIC	pos	3.76	188.1282			4		0.30939	0.63790	-0.20	0.03	0.37	-0.03	-0.23	-0.26	0.96391	0.99621	0.22	0.16	0.17	0.53	0.21	0.30	-0.34			
HILICpos_188.1282_3.91	HILIC	pos	3.91	188.1282			4		0.31308	0.64115	-0.17	0.05	0.17	0.04	-0.16	-0.10	0.77314	0.96458	0.06	-0.03	0.03	0.23	0.11	0.18	-0.26			
HILICpos_188.1393_6.68	HILIC	pos	6.68	188.1393			4		0.25170	0.59074	-0.06	-0.05	0.25	-0.04	0.06	-0.06	0.07814	0.52548	0.58	0.24	0.22	0.82	0.71	0.17	0.67			
HILICpos_188.1394_3.4	HILIC	pos	3.4	188.1394			4		0.15191	0.45735	0.15	0.29	0.53	0.48	-0.05	-0.24	0.83386	0.80313	-0.15	-0.07	-0.73	0.17	-0.12	-0.05	-0.11			
HILICpos_188.1759_6.19	HILIC	pos	6.19	188.1759			4		0.02634	0.15623	0.63	-0.4	-0.52	-0.52	-0.45	-0.45	0.08439	0.07511	-0.02	-0.09	0.15	0.35	0.10	-0.17	-0.22			
HILICneg_188.895_0.93	HILIC	neg	0.93	188.8950			4		0.47962	0.76374	-0.19	-0.22	-0.15	0.18	-0.21	0.00	0.14316	0.64560	-0.29	-0.40	-0.24	0.43	-0.24	-0.21	-0.27			
HILICpos_188.9076_2.97	HILIC	pos	2.97	188.9076			4		0.32293	0.64892	-0.29	0.10	0.39	-0.22	-0.31	1.14	0.61230	0.93066	-0.16	-0.14	0.07	0.83	0.08	-0.09	-0.40			
RPneg_188.95192_13.184	RP	neg	13.184	188.9519			4		0.47232	0.75902	-0.16	0.04	-0.15	-0.34	0.50	0.37	0.50243	0.90280	-0.06	0.50	-0.13	-0.12	-0.51	0.36	-0.01			
HILICpos_188.9786_0.94	HILIC	pos	0.94	188.9786			4		0.48031	0.76416	0.16	-0.02	0.48	0.17	0.74	-0.48	0.02524	0.33465	-0.33	-0.25	-0.65	-0.12	0.33	-0.40	-0.51			
RPneg_188.98651_2.08	RP	neg	2.08	188.9865			4		0.31528	0.64272	0.10	0.14	0.37	0.26	0.13	0.09	0.29178	0.79623	-0.38	-0.43	-0.41	-0.31	-0.28	-0.32	-0.30			
HILICneg_188.9869_0.47	HILIC	neg	0.47	188.9869			4		0.30352	0.63263	0.06	0.08	0.32	0.19	0.06	0.16	0.66377	0.94310	-0.22	-0.41	-0.34	-0.23	-0.08	-0.06	-0.21			
RPneg_189.00267_3.731	RP	neg	3.731	189.0027			4		0.07453	0.39314	0.46	0.43	0.57	0.41	0.46	0.84	0.18340	0.69961	-0.55	-0.54	-0.51	-0.56	-0.54	-0.51	-0.40			
HILICpos_189.0038_5.7	HILIC	pos	5.7	189.0038			4		0.37094	0.68703	-0.03	0.05	0.20	0.08	0.09	-0.05	0.21371	0.73058	-0.22	-0.19	-0.14	-0.16	-0.32	-0.22	-0.25			
HILICneg_189.005_6.29	HILIC	neg	6.29	189.0050			4		0.71499	0.88406	-0.07	0.16	0.62	0.37	-0.12	-0.76	0.03312	0.37399	0.48	0.42	0.51	1.02	0.36	-0.02	-0.63			
HILICpos_189.0301_5.33	HILIC	pos	5.33	189.0301			4		0.89400	0.96169	0.01	0.48	0.32	0.18	0.44	0.64	0.05992	0.48016	0.14	-0.30	0.22	0.03	0.29	0.43	-0.71			
HILICneg_189.0356_3.33	HILIC	neg	3.33	189.0356			4		0.57983	0.81821	-0.18	0.18	-0.19	-0.17	-0.02	-0.35	0.04319	0.41886	-0.36	-0.07	-0.08	-0.15	-0.25	-0.64	-0.19			
HILICneg_189.0405_1.26	HILIC	neg	1.26	189.0405			4		0.03033	0.19809	-0.57	0.14	-0.19	0.08	-0.43	-0.58	0.69062	0.95008	0.26	0.26	-0.18	-0.15	0.53	0.19	-0.02			
HILICneg_189.0407_5.69	HILIC	neg	5.69	189.0407			4		0.92055	0.96410	-0.07	0.11	0.79	0.48	-0.06	-0.63	0.02818	0.35067	0.46	0.48	0.73	0.62	0.42	0.52	0.37			
RPneg_189.0407_3.21	RP	neg	3.21	189.0407			4		0.25890	0.59691	-0.20	0.02	-0.01	0.13	0.13	-0.69	0.39939	0.85782	-0.01	0.14	0.07	0.00	0.02	0.12	-0.05			
RPneg_189.041_1.231	RP	neg	1.231	189.0410			4		0.57372	0.81586	-0.07	0.03	0.29	0.32	0.24	-1.09	0.27207	0.78288	0.50	0.86	0.66	0.77	0.52	0.62	0.12			
HILICneg_189.0411_0.96	HILIC	neg	0.96	189.0411			4		0.64908	0.85156	0.13	0.41	0.26	0.35	0.38	-0.26	0.23576	0.75355	-0.16	-0.07	-0.27	-0.18	-0.26	-0.05	0.05			
RPpos_189.0785_5.95	RP	pos	5.95	189.0785			4		0.41688	0.72098	0.19	0.35	0.34	0.30	0.42	0.02	0.54164	0.91464	-0.09	-0.19	-0.16	-0.14	-0.12	-0.14	0.27			
HILICpos_189.0871_5.03	HILIC	pos	5.03	189.0871			4		0.76421	0.90706	0.15	0.01	0.34	0.33	0.38	0.38	0.26226	0.77484	0.27	0.03	0.38	0.20	0.87	0.39	0.00			
HILICneg_189.0882_6.16	HILIC	neg	6.16	189.0882			4		0.08839	0.41611	-0.21	-0.10	-0.05	-0.23	-0.11	-0.22	0.10987	0.59132	0.04	0.15	0.05	0.12	-0.02	-0.04	0.01			
HILICneg_189.1133_0.6	HILIC	neg	0.6	189.1133			4		0.57112	0.81468	-0.17	-0.14	0.60	0.38	-0.26	-0.02	0.87272	0.98135	-0.16	0.12	1.17	-1.03	0.47	-0.05	-0.26			
RPneg_189.1137_5.572	RP	neg	5.572	189.1137			4		0.37774	0.69276	-0.27	-0.18	0.70	0.00	-0.20	0.18	0.79032	0.96713	-0.26	-0.24	0.62	-0.98	0.63	-0.26	-0.06			
RPneg_189.11368_5.731	RP	neg	5.731	189.1137			4		0.09191	0.42064	-0.56	-0.13	0.84	0.07	-0.21	-0.16	0.99134	0.99863	0.00	-0.03	1.06	-0.96	0.53	0.06	-0.18			
HILICpos_189.1231_5.17	HILIC	pos	5.17	189.1231			4		0.73572	0.89335	0.14	0.08	0.78	0.15	0.24	0.35	0.68567	0.94884	-0.01	-0.23	-0.04	0.07	0.23	0.04	-0.11			
HILICpos_189.1236_5.81	HILIC	pos	5.81	189.1236			4		0.50854	0.78140	0.28	0.44	0.66	0.47	0.32	-0.38	0.26118	0.77484	0.29	0.30	0.48	0.43	0.32	0.16	-0.25			
HILICpos_189.1594_6.94	HILIC	pos	6.94	189.1594			4		0.89957	0.96330	0.02	0.25	0.10	0.54	0.00	-0.25	0.91514	0.98770	-0.05	-0.06	-0.05	0.18	-0.10	-0.05	-0.24			
HILICneg_189.8583_0.41	HILIC	neg	0.41	189.8583			4		0.85816	0.94671	0.08	0.17	0.13	-0.10	0.72	0.14	0.71719	0.95462	-0.07	-0.35	-0.15	-0.04	0.25	-0.18	-0.05			
RPneg_189.8587_7.43	RP	neg	7.43	189.8585			4		0.05575	0.35798	0.41	-0.18	0.20	-0.56	0.02	0.20	0.66614	0.94404	-0.08	-0.42	-0.07	-0.22	0.15	0.19	0.00			
RPneg_189.9322_15.407	RP	neg	15.407	189.9322			4		0.11203	0.44753	-0.43	-0.70	0.29	0.05	0.26	-0.22	0.46500	0.88746	0.23	-0.31	0.43	0.41	0.24	-0.51	0.48			
RPneg_189.98344_3.363	RP	neg	3.363	189.9834			4		0.17782	0.52349	1.08	0.89	1.38	1.10	1.51	0.21	0.03824	0.39897	0.57	0.58	0.80	0.52	0.20	0.62	0.33			
HILICpos_189.9874_4.18	HILIC	pos	4.18	189.9874			4		0.29253	0.62497	-0.11	0.01	0.16	-0.18	0.10	-0.10	0.05403	0.46076	0.08	0.35	0.12	0.00	0.10	0.09	-0.19			
RPpos_189.9924_1.05	RP	pos	1.05	189.9924			4		0.71612	0.88449	0.08	-0.20	-0.05	0.18	0.56	-0.15	0.14739	0.65072	0.66	-0.02	0.48	0.63	0.60	0.01	0.34			
RPpos_189.9925_1.6	RP	pos	1.6	189.9925			4		0.74532	0.89860	0.07	-0.10	0.15	0.22	0.37	-0.05	0.13236	0.62840	0.52	-0.01	0.34	0.38	0.90	0.34	0.45			
HILICneg_190.0182_5.62	HILIC	neg	5.62	190.0182			4		0.14992	0.49235	-0.34	-0.17	0.07	-0.21	-0.32	-0.33	0.15452	0.66058	-0.07	-0.15	-0.06	0.43	-0.05	-0.31	-0.44			
HILICneg_190.0393_7.11	HILIC	neg	7.11	190.0393			4		0.74880	0.90000	0.09	0.45	0.75	0.14	-0.23	-0.48	0.01591	0.27002	0.57	0.86	0.72	1.55	0.41	0.05	-0.31			
HILICpos_190.0499_2.32	HILIC	pos	2.32	190.0499			4		0.09074	0.41967	0.42	0.00	1.04	0.56	0.35	-0.31	0.14783	0.65121	0.37	0.03	0.32	0.49	0.87	0.12	-0.65			
RPneg_190.05109_5.313	RP	neg	5.313	190.0511			4		0.00043	0.03792	-0.52	-0.60	-0.07	-0.53	-0.47	-0.38	0.68031	0.94763	-0.22	-0.42	-0.28	-0.30	0.09	-0.05	0.16			
RPneg_190.05115_1.876	RP	neg	1.876	190.0512			4		0.00400	0.12882	-0.74	-0.53	-0.05	-0.56	-1.14	-0.90	0.65071	0.93957	-0.17	-0.15	-0.02	-0.26	0.16	-0.22	-0.39			
RPneg_190.05124_4.98	RP	neg	4.98	190.0512			4		0.84317	0.94123	-0.12	0.00	0.44	-0.10	-0.16	-0.23	0.98060	0.99752	0.16	0.16	0.11	0.37	0.11	0.18	-0.32			
RPneg_190.05144_4.197	RP	neg	4.197	190.0514			4		0.61678	0.83716	0.01	-0.01	0.24	-0.04	-0.11	0.32	0.72127	0.95590	0.20	0.26	0.30	0.36	0.29	0.19	-0.23			
HILICneg_190.0518_0.82	HILIC	neg	0.82	190.0518			4		0.91003	0.96665	-0.07	-0.08	0.24	-0.12	-0.14	-0.18	0.45486	0.88402	-0.07	-0.10	0.06	0.01	0.02	-0.14	-0.23			
RPneg_190.05478_3.044	RP	neg	3.044	190.0548			4		0.49701	0.77438	-0.20	0.02	0.87	-0.17	-0.22	0.31	0.28754	0.79407	0.19	0.35	0.29	0.19	0.40	-0.12	-0.25			
HILICneg_190.055_1.08	HILIC	neg	1.08	190.0550			4		0.43103	0.73094	0.23	-0.03	1.12	0.31	0.46	-0.02	0.03711	0.39276	0.41	0.31	0.95	0.35	0.68	0.41	-0.57			
HILICpos_190.0861_3.87	HILIC	pos	3.87	190.0861			4		0.45341	0.74627	-0.16	0.04	0.67	0.21	0.02	-1.27	0.00023	0.02200	1.73	1.01	2.69	2.10	1.13	1.05	0.31			

Feature_ID	Mode	Ionization	Average RT.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0		Baseline		Post-LD		IV-AC		Post-AC		BrAC=0		Baseline		IV-AC		Post-AC		BrAC=0	
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
HILICpos_192.1597_1.01	HILIC	pos	1.01	192.1597			4		0.27358	0.60932	-0.23	-0.21	-0.21	-0.18	1.17	-0.37	0.78895	0.96713	-0.10	1.68	0.07	-0.37	3.17	0.27	-0.37							
HILICneg_192.8405_1.39	HILIC	neg	1.39	192.8405			4		0.21541	0.55799	-0.19	-0.24	-0.47	0.15	0.24	0.37	0.08989	0.55360	0.23	0.22	-0.03	0.36	0.10	0.35	0.31							
HILICneg_192.9123_2.67	HILIC	neg	2.67	192.9123			4		0.27527	0.61067	-0.19	-0.07	0.18	-0.02	0.08	0.24	0.79565	0.96821	0.09	-0.11	-0.26	-0.21	0.28	0.31	0.27							
RPneg_192.93634_1.594	RP	neg	1.594	192.9363			4		0.83173	0.93648	0.04	-0.02	0.15	0.12	0.42	-0.16	0.11275	0.59553	0.76	0.56	0.11	0.59	0.89	0.80	1.32							
HILICneg_192.9819_0.67	HILIC	neg	0.67	192.9817			4		0.15930	0.50283	0.29	0.20	0.16	0.15	0.25	-0.10	0.37701	0.94546	0.22	-0.11	0.29	0.85	0.17	-0.12	-0.29							
RPneg_192.98174_1.17	RP	neg	1.17	192.9817			4		0.14831	0.49907	-0.32	-0.19	-0.36	0.15	0.27	-0.28	0.30284	0.80388	-0.16	-0.19	0.32	0.81	0.77	-0.16	-0.32							
HILICneg_192.9901_1.42	HILIC	neg	1.42	192.9901			4		0.71311	0.88319	-0.14	-0.12	0.47	-0.30	-0.06	1.87	0.52739	0.91004	0.32	-0.04	0.17	0.80	0.32	0.67	-0.48							
HILICpos_192.9983_6.25	HILIC	pos	6.25	192.9983			4		0.91362	0.96817	-0.02	0.10	0.53	0.63	-0.06	-0.48	0.03177	0.36926	0.44	-0.07	0.72	0.68	0.40	0.01	-0.64							
HILICneg_193.0135_1.94	HILIC	neg	1.94	193.0135			4		0.51232	0.78377	0.13	0.13	0.59	0.33	0.19	-0.38	0.45433	0.88375	0.65	0.88	0.95	0.60	1.06	0.31	0.30							
HILICneg_193.0358_7.12	HILIC	neg	7.12	193.0358			4		0.99801	0.99918	0.19	0.54	0.45	0.28	0.46	-0.36	0.00009	0.01107	0.76	0.18	1.08	0.76	0.56	0.75	0.31							
RPneg_193.06223_2.802	RP	neg	2.802	193.0622			4		0.19000	0.53612	0.41	0.48	0.62	0.45	0.68	-0.13	0.15522	0.66160	0.95	1.01	0.82	0.75	0.87	0.93	0.42							
RPneg_193.08727_7.569	RP	neg	7.569	193.0873			4		0.07731	0.39850	-0.63	0.19	0.15	0.59	-0.88	0.08	0.77965	0.96563	-0.07	-0.09	-1.05	0.05	-0.37	0.41	0.33							
RPneg_193.09032_7.073	RP	neg	7.073	193.0903			4		0.57258	0.81549	-0.08	0.19	0.43	0.33	0.12	-0.25	0.34293	0.82748	-0.18	-0.32	-0.15	-0.33	-0.12	-0.15	0.18							
HILICpos_193.0970_0.93	HILIC	pos	0.93	193.0970			4		0.41817	0.72193	0.11	0.14	0.13	0.06	0.12	0.44	0.29622	0.79902	-0.22	-0.21	-0.21	-0.26	-0.21	-0.22	-0.28							
HILICpos_193.0973_0.66	HILIC	pos	0.66	193.0973			4		0.42143	0.72417	0.08	0.07	0.12	0.09	0.11	0.33	0.69974	0.95160	-0.19	-0.18	-0.14	-0.21	-0.16	-0.22	-0.27							
HILICpos_193.0974_0.74	HILIC	pos	0.74	193.0974			4		0.20834	0.55127	0.21	0.25	0.21	0.15	0.24	0.70	0.06797	0.50154	-0.33	-0.41	-0.36	-0.35	-0.30	-0.34	-0.41							
RPpos_193.0975_5.2	RP	pos	5.2	193.0975			4		0.92823	0.97436	0.00	-0.08	0.18	0.06	-0.04	0.39	0.17020	0.68250	0.14	0.07	0.06	0.12	0.19	0.29	0.19							
HILICpos_193.1434_0.47	HILIC	pos	0.47	193.1434			4		0.31924	0.64568	1.10	2.77	2.99	3.22	3.02	6.30	0.35226	0.83205	20.21	8.51	13.02	17.22	14.40	22.80	24.11							
RPpos_193.1584_10.97	RP	pos	10.97	193.1584			4		0.30336	0.63255	-0.43	-0.18	-0.07	0.12	0.37	-0.48	0.66276	0.94285	0.21	1.47	-0.32	0.39	0.01	0.19	0.56							
RPpos_193.1584_11.05	RP	pos	11.05	193.1584			4		0.16906	0.51386	0.53	-0.13	-0.09	-0.16	-0.48	-0.48	0.51473	0.90650	0.31	1.44	-0.29	0.66	0.00	0.25	0.74							
HILICneg_193.7619_0.52	HILIC	neg	0.52	193.7619			4		0.56694	0.81262	0.03	0.07	0.15	0.19	0.12	0.26	0.83317	0.97501	-0.14	-0.19	-0.18	-0.12	-0.21	-0.02	-0.14							
RPneg_193.81503_3.728	RP	neg	3.728	193.8150			4		0.68191	0.86803	0.13	0.01	0.09	0.13	0.16	0.46	0.18741	0.70226	-0.52	-0.39	-0.42	-0.32	-0.64	-0.57	-0.55							
HILICneg_193.8156_1.05	HILIC	neg	1.05	193.8156			4		0.01790	0.24464	0.43	-0.16	0.87	0.52	0.87	0.16	0.00627	0.16696	0.56	-0.30	0.71	0.83	0.43	0.25	-0.05							
HILICneg_193.8159_0.93	HILIC	neg	0.93	193.8159			4		4.77E-08	0.00023	-1.14	-1.04	-0.79	-0.63	-1.01	-0.59	0.70549	0.95242	0.11	0.27	-0.17	0.73	0.12	-0.17	-0.08							
RPneg_193.8575_11.192	RP	neg	11.192	193.8575			4		0.00083	0.05766	1.76	-0.02	1.24	1.65	2.23	0.15	0.61794	0.93244	-0.17	-0.23	-0.01	-0.28	0.30	-0.19	-0.11							
RPneg_193.85751_13.94	RP	neg	13.94	193.8575			4		0.18811	0.53406	-0.37	-0.33	-0.41	0.46	-0.45	0.05	0.83317	0.97501	-0.18	-0.22	-0.24	-0.02	-0.26	0.09	0.18							
RPneg_193.85773_10.523	RP	neg	10.523	193.8577			4		0.35736	0.67656	0.11	0.19	-0.13	0.18	0.63	0.57	0.33839	0.82464	-0.01	0.11	-0.27	-0.02	0.00	0.11	0.02							
HILICpos_194.0225_4.61	HILIC	pos	4.61	194.0225			4		0.96268	0.98661	0.01	0.04	0.83	0.19	-0.19	-0.59	0.00403	0.13232	0.57	0.48	0.71	0.80	0.60	0.39	-0.47							
HILICneg_194.0267_4.21	HILIC	neg	4.21	194.0267			4		0.20376	0.54825	-0.15	0.28	0.40	-0.10	-0.23	-0.59	0.55722	0.91967	-0.25	-0.12	-0.31	0.07	0.25	-0.35	-0.66							
RPneg_194.04564_2.093	RP	neg	2.093	194.0456			4		0.14796	0.49007	-0.09	-0.16	0.00	0.11	-0.04	-0.44	0.03573	0.38629	0.39	0.36	0.18	0.45	0.52	0.48	0.14							
HILICneg_194.0458_1.82	HILIC	neg	1.82	194.0458			4		0.34992	0.67022	-0.11	-0.04	0.05	0.01	-0.05	-0.45	0.11087	0.59240	0.28	0.14	0.21	0.33	0.38	0.35	0.02							
RPneg_194.04581_6.132	RP	neg	6.132	194.0458			4		0.64374	0.84910	-0.06	-0.16	-0.01	-0.09	0.26	-0.25	0.16688	0.67836	-0.17	-0.07	-0.26	-0.06	-0.21	-0.30	-0.20							
RPneg_194.04596_4.223	RP	neg	4.223	194.0460			4		0.55339	0.80553	0.08	0.09	-0.24	0.49	0.35	-0.37	0.54169	0.91464	-0.25	-0.19	-0.25	-0.22	-0.14	-0.23	-0.36							
RPneg_194.04602_2.687	RP	neg	2.687	194.0460			4		0.08505	0.41122	0.49	0.53	0.61	0.53	0.47	0.32	0.29813	0.80013	-0.30	-0.33	-0.31	-0.29	-0.26	-0.21	-0.36							
HILICneg_194.0461_0.85	HILIC	neg	0.85	194.0461			4		0.49099	0.77181	0.22	0.11	0.28	0.56	0.39	-0.38	0.46090	0.88543	-0.28	-0.26	-0.22	-0.27	-0.23	-0.22	-0.38							
RPneg_194.04628_2.45	RP	neg	2.45	194.0463			4		0.05066	0.34713	0.02	0.17	0.25	0.21	-0.03	-0.42	0.39008	0.85129	0.17	0.01	0.07	0.19	0.38	0.27	-0.14							
HILICpos_194.0593_7.36	HILIC	pos	7.36	194.0593			4		0.18798	0.53402	-0.43	0.49	0.09	-0.33	0.17	0.38	0.25827	0.77327	0.26	0.37	0.39	0.07	0.19	0.04	0.23							
HILICneg_194.1039_1.47	HILIC	neg	1.47	194.1039			4		0.34297	0.66459	0.06	0.13	0.57	0.27	0.14	-0.33	0.00004	0.00583	0.58	0.44	0.65	0.86	0.45	0.34	0.14							
RPpos_194.117_10.21	RP	pos	10.21	194.1170			4		0.10109	0.43336	-0.48	-0.11	-0.31	0.13	-0.16	-0.32	0.92972	0.98975	0.00	0.43	0.01	0.10	0.18	-0.12	-0.99							
RPpos_194.1514_7.67	RP	pos	7.67	194.1514			4		0.10605	0.43931	-0.24	-0.20	0.30	-0.25	-0.15	-0.28	0.11337	0.59666	-0.51	-0.16	-0.23	-0.70	-0.05	-0.59	0.20							
RPpos_194.7836_9.82	RP	pos	9.82	194.7836			4		0.39047	0.70156	0.34	0.63	-0.30	0.54	0.66	0.55	0.42234	0.86968	0.66	0.39	0.90	0.23	0.28	0.13	0.86							
HILICpos_194.8179_0.94	HILIC	pos	0.94	194.8179			4		0.85731	0.94640	0.02	0.18	0.16	0.06	0.09	-0.25	0.20779	0.72383	0.21	0.17	0.41	0.17	0.13	0.10	0.02							
HILICneg_194.8559_0.93	HILIC	neg	0.93	194.8559			4		0.03893	0.31780	-0.44	-0.27	-0.24	-0.26	-0.30	-0.04	0.01273	0.24141	-0.60	-0.21	-0.49	-0.63	-0.71	-0.35	-0.27							
RPneg_194.90575_11.099	RP	neg	11.099	194.9058			4																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICneg_196.0288_3.44	HILIC	neg	3.44	196.0288			4		0.34447	0.66595	-0.13	-0.24	0.26	0.06	-0.04	0.00	0.04572	0.42949	-0.16	-0.15	-0.33	-0.06	-0.03	-0.25	0.05			
HILICpos_196.0732_2.98	HILIC	pos	2.98	196.0732			4		0.31333	0.64125	-0.22	-0.15	-0.11	-0.18	-0.16	-0.22	0.60637	0.92920	0.04	0.04	0.01	-0.01	0.04	0.02	0.06			
HILICneg_196.0732_5.74	HILIC	neg	5.74	196.0732			4		0.85054	0.94373	0.05	0.11	0.18	0.28	0.22	-0.17	0.93262	0.98984	-0.08	-0.35	0.06	0.06	-0.07	-0.01	-0.38			
HILICneg_196.0748_4.92	HILIC	neg	4.92	196.0748			4		0.21635	0.55848	-0.13	-0.07	0.20	0.27	0.00	-0.73	0.35654	0.83402	-0.13	-0.46	0.10	-0.24	0.01	-0.09	-0.27			
HILICpos_196.1077_4.19	HILIC	pos	4.19	196.1077			4		0.31839	0.64531	-0.27	-0.14	-0.17	-0.36	-0.20	-0.06	0.10869	0.58951	-0.58	-0.46	-0.60	-0.60	-0.40	-0.56	-0.56			
RPpos_196.5133_5.19	RP	pos	5.19	196.5133			4		0.87733	0.95405	0.03	0.02	0.16	0.04	0.04	-0.14	0.54061	0.81466	0.07	0.08	0.14	0.04	0.01	-0.06	0.24			
HILICpos_196.515_0.94	HILIC	pos	0.94	196.5150			4		0.82695	0.93863	0.03	0.19	0.13	0.10	0.24	-0.15	0.15302	0.65844	0.18	0.17	0.28	0.18	0.14	0.09	0.12			
RPpos_196.6114_8.3	RP	pos	8.3	196.6114			4		0.81999	0.93151	0.07	0.22	0.27	0.19	0.03	-0.31	0.08943	0.55239	2.05	1.80	1.98	1.94	2.06	1.93	1.18			
HILICpos_196.6139_0.4	HILIC	pos	0.4	196.6139			4		0.42519	0.72659	0.17	0.25	0.57	0.33	0.00	-0.36	0.08783	0.54715	2.42	1.86	2.20	2.98	1.99	1.94	1.11			
HILICneg_196.8011_1.45	HILIC	neg	1.45	196.8011			4		0.08952	0.41794	-0.37	0.01	-0.15	-0.22	-0.13	0.33	0.00023	0.02153	-0.45	-0.26	-0.58	-0.56	-0.32	-0.44	-0.05			
HILICneg_196.8533_0.93	HILIC	neg	0.93	196.8533			4		0.00479	0.13767	-0.50	-0.33	-0.33	-0.41	-0.33	0.00	0.01787	0.28577	-0.56	-0.44	-0.47	-0.53	-0.53	-0.37	-0.30			
HILICneg_196.9235_7.73	HILIC	neg	7.73	196.9235			4		0.57641	0.81658	-0.19	0.20	0.15	0.03	0.05	-0.29	0.09516	0.56376	-0.40	-0.23	-0.34	-0.21	-0.52	-0.50	-0.27			
HILICneg_197.0226_1.1	HILIC	neg	1.1	197.0226			4		0.74973	0.90015	-0.07	0.03	-0.12	-0.05	0.02	0.61	0.69488	0.95033	-0.10	-0.05	-0.08	-0.26	0.06	-0.10	0.66			
HILICneg_197.0318_4.91	HILIC	neg	4.91	197.0318			4		0.46511	0.75413	0.23	0.59	0.72	0.25	0.12	0.20	0.24757	0.76374	-0.13	0.10	-0.34	0.27	0.19	-0.61	-0.53			
HILICneg_197.0322_1.04	HILIC	neg	1.04	197.0322			4		0.63363	0.84463	-0.04	0.38	0.30	-0.04	0.23	-0.05	0.10760	0.58623	-0.31	0.05	-0.52	-0.11	0.08	-0.31	-0.60			
HILICpos_197.0403_7.35	HILIC	pos	7.35	197.0403			4		0.02210	0.26505	-0.85	0.00	-0.17	-1.74	-0.46	-0.30	0.89078	0.98433	-0.07	-0.87	0.62	0.06	0.52	-0.83	-0.27			
RPneg_197.04324_3.524	RP	neg	3.524	197.0432			4		0.42708	0.72851	0.22	0.44	1.26	0.30	0.47	0.07	0.09957	0.57123	0.41	-0.47	0.42	0.37	0.64	0.45	0.10			
HILICneg_197.0436_0.88	HILIC	neg	0.88	197.0436			4		0.46234	0.75264	0.18	0.59	1.56	0.62	0.25	-0.11	0.04205	0.41487	0.52	0.10	0.26	0.62	0.89	0.53	0.01			
RPneg_197.0582_1.631	RP	neg	1.631	197.0582			4		0.27558	0.61083	0.34	0.20	0.64	0.58	0.54	0.28	0.21946	0.73609	0.83	-0.63	0.88	0.19	-0.30	0.84	0.61			
HILICneg_197.0685_1.74	HILIC	neg	1.74	197.0685			4		0.70236	0.87845	0.07	-0.02	0.03	0.05	0.02	-0.39	0.55477	0.91871	-0.18	-0.17	-0.22	0.22	0.18	-0.19	-0.19			
RPneg_197.0822_5.378	RP	neg	5.378	197.0822			4		0.94460	0.97957	0.11	0.10	0.19	0.28	0.76	-0.13	0.13711	0.63581	0.35	0.25	0.14	0.39	0.32	0.15	0.95			
HILICneg_197.0824_0.54	HILIC	neg	0.54	197.0824			4		0.10870	0.44211	0.43	0.16	0.39	0.39	1.12	0.11	0.81581	0.97203	0.01	-0.13	-0.38	0.24	0.00	0.02	1.14			
HILICpos_197.0895_5.82	HILIC	pos	5.82	197.0895			4		0.13152	0.46869	0.28	0.29	0.88	0.46	0.17	-0.60	0.00002	0.00383	0.72	0.47	0.71	0.85	0.82	0.59	0.28			
HILICpos_197.1008_6.95	HILIC	pos	6.95	197.1008			4		0.46088	0.75153	-0.20	0.10	0.27	0.01	0.01	-0.47	0.11209	0.59487	0.16	0.26	0.33	0.56	0.00	-0.03	-0.10			
HILICpos_197.1033_6.5	HILIC	pos	6.5	197.1033			4		0.57550	0.81613	-0.06	-0.03	0.14	0.03	0.11	-0.10	0.54462	0.91563	0.15	-0.39	0.00	0.37	0.41	-0.20	0.38			
HILICpos_197.1034_4.18	HILIC	pos	4.18	197.1034			4		0.44315	0.73918	-0.20	0.08	-0.23	-0.27	-0.14	0.10	0.05654	0.49511	-0.59	-0.30	-0.37	-0.66	-0.67	-0.56	-0.59			
RPpos_197.1176_4.97	RP	pos	4.97	197.1176			4		0.56594	0.81213	0.06	0.24	0.60	0.33	0.25	-0.04	0.00984	0.21135	0.54	0.16	0.93	0.40	1.02	0.53	-0.11			
RPpos_197.1283_3.61	RP	pos	3.61	197.1283			4		0.80290	0.92400	0.10	-0.04	0.09	0.35	0.51	-0.27	0.07898	0.52788	0.34	0.40	0.45	0.14	0.39	0.76	-0.06			
HILICpos_197.1643_0.44	HILIC	pos	0.44	197.1643			4		0.35776	0.67677	-0.10	-0.15	-0.08	-0.10	-0.05	0.10	0.29040	0.79495	-0.22	-0.18	-0.18	-0.24	-0.18	-0.18	-0.35			
RPneg_197.80766_3.731	RP	neg	3.731	197.8077			4		0.10496	0.43808	0.42	0.37	0.49	0.37	0.42	0.77	0.13710	0.63581	-0.60	-0.72	-0.57	-0.52	-0.56	-0.54	-0.45			
RPneg_197.80786_7.429	RP	neg	7.429	197.8079			4		0.90195	0.96375	0.06	0.04	0.21	0.23	0.32	0.15	0.05412	0.46086	0.05	0.04	0.05	-0.02	0.08	0.19	-0.09			
HILICneg_197.808_0.93	HILIC	neg	0.93	197.8080			4		0.26610	0.30002	-0.99	-0.88	-1.01	-0.75	-0.81	-0.81	0.15157	0.65718	0.25	0.45	0.17	0.69	0.27	-0.14	0.30			
HILICneg_197.8081_1.48	HILIC	neg	1.48	197.8081			4		0.06651	0.37877	-0.35	-0.40	-0.12	-0.36	0.14	-0.42	0.12805	0.62005	-0.28	-0.63	0.49	0.19	-0.30	-0.34	-0.22			
RPneg_197.80812_8.17	RP	neg	8.17	197.8081			4		0.10116	0.43354	-0.10	-0.09	0.31	0.20	0.01	0.30	0.37436	0.84348	0.14	0.08	0.09	0.16	0.39	0.06	0.17			
RPneg_197.8082_10.092	RP	neg	10.092	197.8082			4		0.36944	0.68581	-0.36	-0.29	-0.15	0.37	0.06	0.07	0.78207	0.96597	0.01	0.04	0.21	0.30	-0.27	0.12	-0.02			
RPneg_197.8082_9.174	RP	neg	9.174	197.8082			4		0.01096	0.20290	0.72	0.09	1.26	0.71	0.91	1.31	0.00233	0.09499	0.28	-0.34	0.60	0.73	0.06	0.23	-0.36			
HILICneg_197.8083_1.04	HILIC	neg	1.04	197.8083			4		0.09618	0.42597	0.35	-0.01	0.41	0.80	0.65	-0.05	0.01725	0.28062	0.38	-0.41	0.37	0.74	0.31	0.41	-0.31			
RPneg_197.80844_2.635	RP	neg	2.635	197.8084			4		0.05064	0.34713	0.47	0.54	0.94	0.42	0.56	1.32	0.87066	0.98076	-0.04	-0.40	-0.03	0.08	0.48	-0.64	0.30			
HILICneg_197.8085_1.43	HILIC	neg	1.43	197.8085			4		0.01546	0.23287	-0.69	-0.12	-0.06	-0.42	-0.29	0.18	0.01187	0.23206	0.73	0.84	0.13	1.27	0.03	0.51	1.14			
HILICneg_197.8876_0.52	HILIC	neg	0.52	197.8876			4		0.08340	0.40888	-0.06	-0.02	-0.03	0.17	0.02	0.09	0.41435	0.86469	-0.10	-0.03	-0.13	-0.18	0.07	-0.16	-0.10			
RPneg_197.91003_7.566	RP	neg	7.566	197.9100			4		0.07463	0.39316	0.52	0.41	0.90	0.64	0.49	-0.05	0.63509	0.93557	0.16	0.01	0.09	0.41	0.23	0.25	-0.18			
HILICneg_197.9631_1.41	HILIC	neg	1.41	197.9631			4		0.04324	0.33121	-0.46	-0.14	-0.26	-0.09	-0.10	0.85	0.32599	0.81865	0.21	0.08	-0.01	0.69	0.03	0.13	0.33			
HILICneg_197.9638_6.24	HILIC	neg	6.24	197.9638			4		0.00066	0.05016	-0.77	-0.33	-0.51	-0.25	-0.47	0.24	0.97748	0.99726	-0.01	0.22	-0.05	-0.06	-0.29	0.26	0.36			
HILICneg_197.9638_2.96	HILIC	neg	2.96	197.9638			4		0.25005	0.58900	-0.37	0.52	-0.15	-0.25	-0.23	0.33	0.10044	0.57210	0.49	0.24	0.50	0.70	-0.20	0.44	0.71			
HILICneg_197.9871_0.44	HILIC	neg	0.44	197.9871			4		0.20873	0.55165	-0.18	-0.12	-0.15	-0.14	-0.17	-0.01	0.32683	0.81908	0.48	0.36	0.50	0.48	0.77	0.42	0.23			
HILICneg_198.0497_5.62	HILIC	neg	5.62	198.0497			4		0.17808	0.52379	-0.29	-0.07	0.05	-0.20	-0.30	-0.18	0.02121	0.30778	-0.11	0.02	-0.02	0.21	-0.14	-0.25	-0.55			
HILICpos_198.0525_0.49	HILIC	pos	0.49	198.0525			4		0.58585	0.82164	-0.21	0.12	-0.12	0.10	-0.12	-0.24	0.91917	0.98860	-0.07	0.15	-0.25	-0.32	0.27	-0.06	0.31			
RPpos_198.0526_5.2	RP	pos	5.2	198.0526			4		0.85688	0.94640	0.02	-0.05	0.10	0.06	0.02	0.62	0.23147	0.74813	0.11	0.07	0.06	0.08	0.20	0.19	0.16			
HILICpos_198.0528_4.55	HILIC	pos	4.55	198.0528			4		0.85982	0.94755	-0.06	0.08	0.09	-0.01	-0.07	-0.44	0.88486	0.98281	-0.03	-0.04	-0.02	0.02	0.00	-0.04	-0.13			
RPneg_198.07091_6																												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)													
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo								
									Baseline			IV-ASA			IV-Ghrelin or Placebo			Baseline			IV-ASA			IV-Ghrelin or Placebo			Baseline			IV-ASA			IV-Ghrelin or Placebo		
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d
RPneg_199.80515_7.429	RP	neg	7.429	199.80515		4		0.79612	0.92106	0.04	-0.03	0.17	0.21	0.34	0.16	0.03125	0.36739	0.09	0.09	-0.04	0.05	0.34	0.10	0.10	-0.02										
HILICneg_199.8052_1.04	HILIC	neg	1.04	199.8052		4		0.00809	0.17726	0.57	0.20	0.75	0.70	0.87	0.02	0.10454	0.58038	0.31	-0.32	0.62	0.44	0.26	0.22	0.22	-0.41										
RPneg_199.80548_2.635	RP	neg	2.635	199.8055		4		0.30796	0.63658	0.30	0.09	0.60	0.32	0.37	1.53	0.67434	0.94679	-0.06	-0.13	-0.25	-0.13	-0.23	0.26	0.49											
HILICneg_199.8056_0.41	HILIC	neg	0.41	199.8056		4		0.12543	0.46128	-0.34	0.20	0.11	-0.42	-0.59	-0.14	0.42583	0.87093	0.19	0.93	0.06	0.37	-0.23	0.19	0.13											
HILICneg_199.8057_2.11	HILIC	neg	2.11	199.8057		4		0.09147	0.42705	-0.35	0.03	0.05	-0.54	-0.06	-0.17	0.49370	0.89889	0.32	0.20	-0.21	0.45	0.70	-0.17	-0.16											
RPpos_199.8213_11.09	RP	pos	11.09	199.8213		4		0.65223	0.84007	0.17	0.11	0.61	0.35	0.11	-0.47	0.92464	0.89890	0.10	0.96	0.12	0.31	0.47	0.52	0.20											
RPneg_199.85117_10.656	RP	neg	10.656	199.8512		4		0.36058	0.67900	0.23	-0.11	0.04	0.57	0.66	0.48	0.30806	0.80733	0.15	0.15	0.57	0.11	-0.44	-0.09	0.67											
RPneg_199.85127_10.849	RP	neg	10.849	199.8513		4		0.86345	0.94900	0.05	-0.21	0.42	0.31	0.42	-0.01	0.78478	0.96662	0.06	-0.21	0.25	0.48	-0.28	0.15	0.09											
RPneg_199.85132_10.524	RP	neg	10.524	199.8513		4		0.92059	0.97114	-0.04	0.15	0.03	0.33	0.12	0.25	0.28695	0.79369	0.10	0.10	0.08	0.19	-0.03	0.12	0.23											
HILICneg_199.8816_0.52	HILIC	neg	0.52	199.8816		4		0.14460	0.48515	-0.06	0.03	0.06	0.07	0.04	0.02	0.48811	0.89812	-0.11	-0.13	-0.10	-0.05	-0.11	-0.11	-0.18											
RPneg_199.93594_14.169	RP	neg	14.169	199.9359		4		0.97049	0.98877	-0.06	0.12	0.03	0.47	-0.20	0.34	0.95200	0.99379	-0.10	-0.60	-0.03	-0.10	0.55	-0.15	-0.08											
HILICneg_199.9784_0.96	HILIC	neg	0.96	199.9784		4		0.96019	0.98597	0.12	0.30	0.28	0.23	0.32	-0.10	0.12063	0.60798	0.40	0.34	0.39	0.41	0.45	0.44	0.17											
HILICpos_199.9878_0.94	HILIC	pos	0.94	199.9878		4		0.69751	0.87621	0.05	0.05	0.21	0.28	0.35	-0.33	0.00438	0.13733	-0.41	-0.52	-0.46	-0.38	-0.33	-0.37	-0.53											
HILICneg_199.9972_2.8	HILIC	neg	2.8	199.9972		4		0.15653	0.49953	-0.13	0.55	-0.01	-0.02	0.01	-0.64	0.18463	0.70014	0.52	0.37	0.47	0.79	0.75	0.45	-0.07											
HILICpos_200.0543_1.38	HILIC	pos	1.38	200.0543		4		0.35049	0.67073	-0.27	-0.01	0.31	-0.43	-0.16	0.64	0.50106	0.90223	0.41	-0.04	0.00	0.78	0.56	1.37	-0.31											
RPneg_200.07217_6.747	RP	neg	6.747	200.0722		4		0.62339	0.84022	-0.23	-0.26	-0.12	-0.18	-0.18	-0.37	0.04246	0.41671	0.74	0.24	0.50	1.05	0.88	1.07	0.69											
HILICpos_200.1026_6.37	HILIC	pos	6.37	200.1026		4		0.05922	0.36500	-0.41	0.00	-0.21	-0.19	-0.14	-0.80	0.98134	0.99752	-0.06	0.31	0.10	0.19	-0.42	-0.25	-0.08											
HILICpos_200.1275_3.46	HILIC	pos	3.46	200.1275		4		0.58778	0.82288	0.02	0.07	0.26	0.16	0.15	0.33	0.28612	0.79334	-0.21	0.11	-0.21	-0.41	0.08	-0.33	-0.49											
HILICpos_200.1281_3.17	HILIC	pos	3.17	200.1281		4		0.67222	0.86359	-0.10	-0.02	0.26	0.22	-0.09	-0.22	0.46373	0.88698	-0.17	-0.22	0.10	0.10	0.07	-0.26	-0.58											
HILICpos_200.1282_2.9	HILIC	pos	2.9	200.1282		4		0.23019	0.57168	0.13	0.21	0.27	0.09	0.08	-0.38	0.46460	0.88725	-0.05	-0.02	0.07	0.01	0.00	-0.07	-0.20											
HILICneg_200.1293_0.6	HILIC	neg	0.6	200.1293		4		0.55582	0.80724	-0.09	0.05	0.06	0.10	-0.05	-0.43	0.89467	0.98465	0.00	-0.11	-0.06	-0.07	0.16	0.08	-0.15											
RPneg_200.1293_7.014	RP	neg	7.014	200.1293		4		0.08149	0.40618	0.85	0.01	1.11	1.07	1.07	-0.25	0.15715	0.66504	0.79	1.11	1.60	0.69	-0.22	0.78	0.15											
RPneg_200.12935_6.845	RP	neg	6.845	200.1294		4		0.52682	0.79164	-0.08	0.08	0.04	0.08	-0.02	-0.37	0.84931	0.97746	0.01	-0.09	-0.07	-0.06	0.11	0.11	-0.03											
RPneg_200.12955_4.9	RP	neg	4.9	200.1296		4		0.44412	0.74015	0.24	0.38	0.26	0.50	0.41	-0.06	0.81123	0.97162	0.10	0.14	0.17	0.22	0.11	0.19	0.10											
HILICpos_200.1643_0.41	HILIC	pos	0.41	200.1643		4		0.06213	0.36921	-0.49	-0.21	-0.19	-0.07	-0.72	-0.21	0.75246	0.96206	-0.22	-0.05	-0.56	-0.26	-0.30	0.30	0.25											
RPpos_200.1643_4.16	RP	pos	4.16	200.1643		4		0.79223	0.91905	-0.06	0.03	0.15	-0.10	-0.04	0.34	0.08135	0.53387	-0.27	-0.29	-0.23	-0.29	-0.15	-0.34	-0.25											
RPpos_200.1646_3.91	RP	pos	3.91	200.1646		4		0.41591	0.72017	0.01	0.11	0.09	-0.02	0.06	0.59	0.03736	0.39394	-0.23	-0.17	-0.23	-0.34	-0.12	-0.19	-0.30											
RPpos_200.1646_6.42	RP	pos	6.42	200.1646		4		0.04033	0.32140	-0.62	-0.13	-0.31	-0.08	-0.05	-0.69	0.32711	0.81909	0.20	0.65	-0.01	0.47	0.02	0.45	-0.13											
RPpos_200.1647_10.61	RP	pos	10.61	200.1647		4		0.05013	0.34658	-0.46	-0.24	-0.23	-0.22	-0.25	-0.50	0.32557	0.81845	0.41	1.34	-0.01	0.72	0.01	0.19	0.56											
RPpos_200.1647_10.7	RP	pos	10.7	200.1647		4		0.00913	0.18757	-0.67	-0.21	-0.26	-0.47	-0.44	-0.53	0.30663	0.80651	0.47	1.40	-0.04	0.86	-0.03	0.39	0.45											
HILICneg_200.1972_1.45	HILIC	neg	1.45	200.1972		4		0.23076	0.57226	-0.32	0.22	-0.14	-0.21	0.03	0.53	0.00010	0.01244	-0.39	-0.25	-0.40	-0.55	-0.38	-0.15	-0.34											
RPneg_200.8569_10.4	RP	neg	10.4	200.8567		4		0.80488	0.92493	-0.14	0.14	0.08	-0.35	0.67	0.29	0.64193	0.93677	0.07	-0.16	0.29	0.78	-0.62	-0.30	0.31											
RPneg_200.85912_10.205	RP	neg	10.205	200.8591		4		0.23046	0.57197	-0.28	-0.11	0.14	-0.13	0.20	0.31	0.14544	0.64876	0.16	-0.05	-0.18	0.39	0.07	0.43	-0.58											
RPneg_200.85916_10.85	RP	neg	10.85	200.8592		4		0.83822	0.93922	0.07	-0.06	0.20	0.11	0.55	0.25	0.95680	0.99457	-0.07	0.07	0.02	0.32	-1.10	-0.03	0.16											
RPneg_200.85927_10.525	RP	neg	10.525	200.8593		4		0.54945	0.80347	0.10	0.19	0.16	0.48	0.36	0.47	0.21898	0.73554	0.17	0.14	0.22	0.21	0.11	0.12	0.26											
HILICneg_200.974_5.85	HILIC	neg	5.85	200.9740		4		0.88275	0.95651	0.10	0.21	0.80	0.31	0.04	-0.57	0.04949	0.44302	0.73	0.97	0.81	0.66	0.75	0.68	-0.42											
HILICpos_200.9828_0.94	HILIC	pos	0.94	200.9828		4		0.71863	0.88531	0.05	0.03	0.25	0.22	0.27	-0.25	0.00636	0.16827	-0.43	-0.52	-0.44	-0.44	-0.34	-0.43	-0.57											
RPneg_201.0029_4.487	RP	neg	4.487	201.0029		4		0.51842	0.78719	-0.28	-0.28	-0.27	-0.32	-0.25	-0.09	0.36417	0.83784	-0.33	-0.34	-0.31	-0.33	-0.31	-0.28	-0.41											
HILICneg_201.0227_0.46	HILIC	neg	0.46	201.0227		4		0.42959	0.73017	-0.21	-0.19	-0.17	-0.20	-0.14	-0.23	0.70288	0.95222	-0.17	-0.19	-0.13	-0.15	-0.18	-0.14	-0.28											
RPneg_201.0228_4.733	RP	neg	4.733	201.0228		4		0.73868	0.89454	-0.02	-0.04	-0.03	-0.06	0.05	0.38	0.03567	0.38605	-0.42	-0.40	-0.38	-0.42	-0.40	-0.42	-0.36											
RPneg_201.0229_4.958	RP	neg	4.958	201.0229		4		0.49379	0.77316	-0.19	-0.17	-0.15	-0.16	-0.14	-0.27	0.89268	0.98433	-0.09	-0.11	-0.07	-0.10	-0.08	-0.08	-0.13											
RPneg_201.02342_4.834	RP	neg	4.834	201.0234		4		0.93127	0.97542	0.02	-0.03	0.06	0.02	0.10	0.39	0.04658	0.43198	-0.37	-0.36	-0.32	-0.36	-0.33	-0.35	-0.39											
HILICneg_201.035_2.33	HILIC	neg	2.33	201.0350		4		0.55307	0.80544	0.02	0.15	0.24	0.23	0.24	0.04	0.69670	0.95088	-0.05	-0.03	-0.03	-0.07	-0.03	-0.03	-0.07											
HILICneg_201.0538_2.68	HILIC	neg	2.68	201.0538		4		0.47316</																											

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICpos_202.1188_4.22	HILIC	pos	4.22	202.1188			4		0.55212	0.80497	0.03	-0.01	0.14	0.13	0.17	-0.30	0.85407	0.97825	-0.04	-0.20	0.00	0.08	-0.17	0.11	-0.22			
RPpos_202.144_6.85	RP	pos	6.85	202.1440			4		0.66118	0.85799	-0.07	0.03	0.04	0.18	-0.01	-0.34	0.82967	0.97454	0.00	-0.11	-0.10	-0.04	0.15	0.05	-0.01			
HILICpos_202.1543_3.4	HILIC	pos	3.4	202.1543			4		0.45126	0.74468	-0.02	0.15	0.35	-0.08	0.04	-0.20	0.19541	0.70995	-0.12	0.25	-0.25	-0.12	-0.05	-0.40	-0.01			
HILICpos_202.1797_0.83	HILIC	pos	0.83	202.1797			4		0.17026	0.51516	-0.39	-0.19	-0.15	-0.09	-0.36	-0.04	0.50906	0.90412	0.00	-0.10	0.11	-0.35	0.43	-0.08	-0.04			
HILICpos_202.1802_1.31	HILIC	pos	1.31	202.1802			4		0.16239	0.50690	0.23	0.20	-0.07	0.45	0.72	0.21	0.16239	0.50690	0.09	-0.05	0.31	-0.65	0.05	0.10	0.28			
HILICneg_202.8826_1.45	HILIC	neg	1.45	202.8826			4		0.10282	0.43831	-0.77	-0.05	-0.33	0.01	-0.20	0.28	0.00721	0.71911	-0.46	-0.02	-0.65	-0.37	-0.56	0.19				
RPneg_202.96478_1.595	RP	neg	1.595	202.9648			4		0.79013	0.91806	0.05	-0.02	0.15	0.11	0.47	-0.09	0.19141	0.70680	0.42	0.28	0.18	0.29	0.39	0.31	1.16			
RPneg_202.96481_1.054	RP	neg	1.054	202.9648			4		0.93172	0.97557	0.01	-0.21	0.23	0.10	0.36	-0.01	0.13348	0.63061	0.60	0.08	0.49	0.47	0.38	0.55	1.12			
RPneg_202.96535_1.36	RP	neg	1.36	202.9654			4		0.25060	0.58973	0.30	0.00	0.08	0.30	1.13	0.09	0.55268	0.91818	0.68	0.15	0.51	1.71	0.15	-0.01	0.44			
HILICneg_202.989_0.87	HILIC	neg	0.87	202.9890			4		0.31544	0.64283	-0.35	-0.05	0.31	0.30	-0.27	-0.90	0.51138	0.90555	-0.15	-0.34	-0.48	-0.31	0.29	0.44	-0.01			
HILICneg_202.9978_4.89	HILIC	neg	4.89	202.9978			4		0.87974	0.95509	0.03	0.61	0.39	-0.06	0.02	0.37	0.03147	0.36858	-0.40	-0.07	-0.71	-0.02	-0.03	-0.76	-0.65			
RPneg_203.00194_3.21	RP	neg	3.21	203.0019			4		0.14991	0.49235	0.64	0.46	0.63	1.05	0.23	0.87	0.62136	0.93338	-0.15	-0.23	-0.18	-0.19	-0.06	-0.19	-0.19			
HILICneg_203.002_0.51	HILIC	neg	0.51	203.0020			4		0.17826	0.52406	0.40	0.33	0.08	0.59	0.19	0.93	0.63676	0.93602	0.47	-0.42	0.56	0.37	0.58	0.40	0.44			
RPneg_203.00209_3.66	RP	neg	3.66	203.0021			4		0.69962	0.87726	0.13	0.06	0.35	0.39	0.26	-0.01	0.88641	0.98315	0.08	0.15	0.17	0.09	-0.07	0.19	0.01			
HILICneg_203.0021_0.43	HILIC	neg	0.43	203.0021			4		0.09610	0.42597	0.86	0.84	1.00	1.22	1.16	0.15	0.22500	0.74163	-0.49	-0.22	-0.51	-0.45	-0.49	-0.36	-0.23			
RPneg_203.00211_2.941	RP	neg	2.941	203.0021			4		0.25966	0.59779	0.29	0.20	0.36	0.24	0.73	0.60	0.96094	0.99553	-0.04	-0.22	-0.13	0.05	-0.09	-0.10	0.13			
RPneg_203.00218_2.831	RP	neg	2.831	203.0022			4		0.63334	0.84451	0.08	0.03	0.30	0.30	0.29	0.21	0.00854	0.19780	1.50	-0.98	-0.99	-1.18	-0.83	-1.08	-0.74			
RPneg_203.00224_3.548	RP	neg	3.548	203.0022			4		0.72886	0.88960	0.08	0.11	0.26	0.21	0.24	-0.06	0.73407	0.95858	0.02	0.04	0.09	-0.01	0.07	0.01	-0.02			
RPneg_203.00243_3.221	RP	neg	3.221	203.0024			4		0.03910	0.31836	1.14	1.09	1.31	1.07	1.25	1.28	0.14120	0.64314	-0.37	-0.31	0.31	-0.35	-0.44	-0.35	-0.43			
HILICneg_203.0062_7.36	HILIC	neg	7.36	203.0062			4		0.16707	0.51243	-0.48	-0.16	-0.44	-0.93	-0.13	-0.40	0.67447	0.94679	0.23	0.28	0.77	0.38	-0.23	0.17	0.18			
RPneg_203.01875_4.959	RP	neg	4.959	203.0188			4		0.49126	0.77187	-0.19	-0.17	-0.15	-0.17	-0.14	-0.28	0.92969	0.98975	-0.07	-0.10	-0.06	-0.06	-0.06	-0.05	-0.14			
HILICneg_203.0194_1.42	HILIC	neg	1.42	203.0194			4		0.45552	0.74767	-0.24	-0.09	0.38	-0.38	-0.15	1.40	0.58137	0.92438	0.33	-0.01	0.11	0.98	0.25	0.75	-0.40			
HILICneg_203.0209_6.17	HILIC	neg	6.17	203.0209			4		0.31790	0.64494	-0.33	0.22	0.23	-0.23	-0.04	-0.15	0.00222	0.09238	0.28	0.30	0.56	0.51	0.32	0.39	-0.04			
HILICneg_203.0288_5.85	HILIC	neg	5.85	203.0288			4		0.98607	0.99480	0.07	0.57	0.79	0.24	0.07	-0.62	0.03168	0.36926	1.20	0.99	1.30	1.33	0.97	0.67	0.12			
HILICneg_203.0509_1.97	HILIC	neg	1.97	203.0509			4		0.89039	0.95991	0.15	0.20	0.25	0.27	0.22	-0.17	0.24116	0.75800	0.11	0.17	0.15	0.09	0.19	0.05	-0.03			
HILICneg_203.051_2.68	HILIC	neg	2.68	203.0510			4		0.48225	0.76583	-0.21	-0.31	-0.25	-0.26	-0.09	-0.23	0.32708	0.81909	-0.24	0.11	-0.11	2.02	-0.20	-0.36	-0.13			
HILICneg_203.0737_1.1	HILIC	neg	1.1	203.0737			4		0.06927	0.38250	0.41	-0.01	0.35	0.46	1.02	-0.36	0.03201	0.37005	1.19	0.52	1.70	1.06	1.14	0.65	0.58			
RPpos_203.0809_5.27	RP	pos	5.27	203.0809			4		0.31195	0.64002	-0.32	-0.18	-0.05	-0.10	-0.17	-0.37	0.66133	0.94270	-0.08	-0.01	-0.08	0.02	0.13	-0.31	-0.37			
RPneg_203.08318_2.389	RP	neg	2.389	203.0832 isomer of tryptophan			4		0.11575	0.45158	-0.27	0.22	0.64	-0.11	-0.71	-0.65	0.85145	0.97755	0.00	-0.09	0.19	0.19	0.16	-0.21	-0.42			
RPpos_203.0916_6.42	RP	pos	6.42	203.0916			4		0.04178	0.32620	-0.73	0.28	-0.47	-0.28	-0.45	-0.56	0.72753	0.95609	-0.10	0.20	0.06	-0.27	0.21	-0.70	-0.03			
RPneg_203.09264_4.084	RP	neg	4.084	203.0926			4		0.13495	0.47413	-0.53	-0.16	0.05	0.37	-0.50	0.73	0.39940	0.95827	0.17	-0.26	-0.10	0.10	-0.13	0.68	-0.25			
RPneg_203.09308_5.759	RP	neg	5.759	203.0931			4		0.59540	0.81182	-0.13	0.52	0.32	-0.07	0.41	-0.22	0.41963	0.86745	-0.43	-0.16	-0.12	0.38	-0.02	0.92	0.32			
HILICpos_203.1026_6.13	HILIC	pos	6.13	203.1026			4		0.09759	0.42765	-0.44	0.49	0.99	0.67	0.20	-0.12	0.14120	0.64314	-0.37	-0.31	0.31	-0.35	-0.44	-0.35	-0.43			
RPpos_203.128_7.19	RP	pos	7.19	203.1280			4		0.15317	0.49619	-0.43	0.20	-0.41	0.26	0.20	0.33	0.38846	0.85113	0.13	-0.41	0.18	0.48	0.56	0.14	0.64			
RPneg_203.12904_6.06	RP	neg	6.06	203.1290			4		0.25751	0.59561	0.24	0.14	2.01	0.30	0.08	0.31	0.00050	0.03695	1.54	0.41	2.09	2.49	1.19	0.59	0.04			
RPneg_203.12904_5.608	RP	neg	5.608	203.1290			4		0.67619	0.86544	0.09	0.18	0.45	0.15	0.15	-0.26	0.35885	0.83442	0.20	-0.80	-0.12	0.51	0.46	-0.11	1.10			
RPneg_203.12923_5.842	RP	neg	5.842	203.1292			4		0.08542	0.41134	0.49	0.13	1.89	1.06	0.20	-0.29	0.00000	0.00045	1.31	1.13	0.87	1.90	1.43	0.73	0.37			
HILICpos_203.1386_5.56	HILIC	pos	5.56	203.1386			4		0.44170	0.73844	0.35	0.55	0.45	0.56	0.60	-0.33	0.15447	0.66058	0.12	0.03	0.14	0.25	0.14	0.05	0.11			
HILICpos_203.1391_5.27	HILIC	pos	5.27	203.1391			4		0.37628	0.69131	-0.14	-0.03	0.41	-0.20	0.15	0.13	0.74104	0.95996	-0.18	-0.93	-0.16	0.07	0.30	-0.23	-0.35			
HILICpos_203.1391_4.62	HILIC	pos	4.62	203.1391			4		0.20197	0.54691	-0.19	0.00	0.15	-0.22	-0.20	0.16	0.68833	0.94962	-0.01	-0.16	0.03	0.33	-0.04	0.17	-0.38			
HILICpos_203.1504_6.46	HILIC	pos	6.46	203.1504			4		0.25821	0.59624	-0.24	0.01	0.27	-0.14	-0.13	-0.56	0.16589	0.67711	-0.06	0.07	0.17	0.31	-0.17	-0.44	-0.24			
RPpos_203.1644_8.95	RP	pos	8.95	203.1644			4		0.94594	0.98020	-0.01	-0.06	-0.23	0.12	1.12	-0.18	0.82916	0.97442	0.03	0.13	0.11	0.30	-0.07	0.02	-0.34			
HILICpos_203.1753_2.69	HILIC	pos	2.69	203.1753			4		0.15667	0.49965	-0.19	-0.03	0.13	-0.30	-0.13	0.09	0.08308	0.53705	0.04	0.19	0.13	0.02	0.08	-0.06	-0.23			
HILICpos_203.7513_4.4	HILIC	pos	4.4	203.7513			4		0.52066	0.78801	-0.07	0.22	0.16	0.36	-0.09	-0.41	0.35463	0.83325	0.47	0.41	0.51	0.08	0.61	0.37	0.35			
HIL																												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0		Baseline		Post-LD		IV-AC		Post-AC		BrAC=0		Baseline		IV-AC		Post-AC		BrAC=0	
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d
RPneg_204.98161_1.849	neg	RP	1.849	204.9816			4		0.49153	0.77215	0.21	0.28	0.98	0.35	-0.01	0.07	0.10318	0.57817	0.85	0.86	2.01	2.31	1.62	1.28	-0.22							
HILICneg_204.9945_4.89	neg	HILIC	4.89	204.9945			4		0.72267	0.88677	0.10	0.57	0.50	-0.08	0.22	0.23	0.04074	0.41070	-0.40	0.04	-0.62	-0.19	0.09	-0.80	-0.70							
RPneg_204.99759_3.547	neg	RP	3.547	204.9976			4		0.63177	0.84409	0.06	0.08	0.26	0.19	0.19	-0.08	0.75827	0.96233	0.03	0.02	0.07	-0.07	0.12	-0.05	0.02							
RPneg_205.05093_5.833	neg	RP	5.833	205.0509			4		0.63559	0.84568	-0.06	-0.03	-0.03	0.03	0.03	-0.16	0.13581	0.63417	-0.12	-0.17	-0.13	-0.11	-0.12	-0.13	-0.11							
HILICpos_205.068_4.87	pos	HILIC	4.87	205.0680			4		0.59884	0.82792	-0.13	-0.06	0.03	-0.13	-0.17	-0.68	0.39863	0.59953	-0.07	-0.12	0.02	-0.02	-0.11	-0.06	-0.39							
HILICpos_205.0819_7	pos	HILIC	7	205.0819			4		0.79560	0.92627	0.21	0.21	0.20	0.00	-0.10	0.00	0.80039	0.69955	0.03	0.14	0.03	0.18	0.05	0.03	-0.49							
HILICpos_205.0971_0.46	pos	HILIC	0.46	205.0971			4		0.11245	0.44817	0.56	0.58	0.88	0.37	0.81	-0.23	0.20780	0.72383	0.77	0.67	0.89	1.05	0.85	0.57	0.17							
RPpos_205.0975_2.4	pos	RP	2.4	205.0975	isomer of tryptophan	188.0703 (100), 146.0603 (50), 144.0813 (5), 159.0907 (5), 118.0648 (5), 132.0810 (5)	4		0.08641	0.41251	-0.27	0.12	0.59	-0.02	-0.71	-0.54	0.94454	0.99197	-0.06	-0.10	0.06	0.15	0.11	-0.24	-0.42							
HILICpos_205.1297_0.81	pos	HILIC	0.81	205.1297			4		0.94988	0.98128	-0.04	0.06	-0.09	-0.12	0.22	-0.09	0.68045	0.94764	0.12	-0.03	-0.33	0.29	0.09	0.25	0.72							
HILICpos_205.1434_0.43	pos	HILIC	0.43	205.1434			4		0.91644	0.96957	-0.01	0.41	0.39	0.11	0.13	-0.23	0.58178	0.92438	-0.22	-0.30	0.08	-0.38	-0.07	-0.44	0.96							
HILICpos_205.1545_6.95	pos	HILIC	6.95	205.1545			4		0.51071	0.78280	0.14	0.12	0.34	-0.04	0.23	-0.15	0.84749	0.97724	0.01	0.05	0.12	0.31	-0.13	-0.08	-0.36							
RPneg_205.36208_11.189	neg	RP	11.189	205.3621			4		0.04266	0.32926	3.46	0.55	0.80	2.74	5.20	0.03	0.26876	0.78099	-0.35	-0.12	0.12	-0.31	-0.39	-0.43	0.03							
RPneg_205.83992_13.927	neg	RP	13.927	205.8399			4		0.09191	0.42064	-0.45	-0.56	-0.38	0.40	-0.48	0.00	0.36883	0.84009	0.20	-0.19	0.39	0.00	-0.42	0.46	0.37							
HILICneg_205.8401_0.39	neg	HILIC	0.39	205.8401			4		0.09998	0.43115	-0.60	-0.26	-0.09	0.05	-0.25	-0.55	0.46889	0.88943	0.27	1.26	-0.26	0.30	-0.16	0.21	0.83							
HILICneg_205.901_1.45	neg	HILIC	1.45	205.9010			4		0.89898	0.96311	-0.05	0.03	0.04	-0.03	0.10	0.32	0.04329	0.41904	-0.34	-0.37	-0.39	-0.42	-0.26	-0.32	-0.11							
HILICneg_205.9417_0.45	neg	HILIC	0.45	205.9417			4		0.65543	0.85558	-0.12	-0.02	-0.05	-0.15	0.00	0.00	0.72392	0.95590	-0.03	-0.03	0.06	-0.07	-0.06	-0.01	-0.08							
RPneg_205.94229_7.304	neg	RP	7.304	205.9423			4		0.44961	0.74351	-0.15	-0.07	-0.07	-0.18	-0.02	-0.01	0.93712	0.95926	-0.02	0.00	0.02	-0.05	-0.04	0.00	-0.03							
HILICpos_205.9617_0.94	pos	HILIC	0.94	205.9617			4		0.89911	0.96136	0.00	0.13	0.20	0.24	0.30	-0.34	0.00524	0.15226	-0.37	-0.39	-0.47	-0.31	-0.21	-0.43	-0.59							
HILICneg_206.0126_4.33	neg	HILIC	4.33	206.0126			4		0.54419	0.80043	0.06	0.00	0.29	-0.35	0.13	-0.02	0.016549	0.77683	0.32	0.27	0.23	0.46	0.70	0.07	-0.07							
RPneg_206.04584_4.038	neg	RP	4.038	206.0458			4		0.54363	0.80008	-0.09	0.02	0.16	-0.12	-0.01	-0.17	0.90011	0.80208	0.36	0.78	0.39	0.47	0.12	0.18	-0.18							
HILICpos_206.0809_5.1	pos	HILIC	5.1	206.0809			4		0.15736	0.50067	0.52	0.33	1.33	0.50	0.56	0.21	0.05264	0.45570	0.91	-0.34	1.08	0.97	1.80	0.15	1.27							
RPneg_206.08232_4.79	neg	RP	4.79	206.0823			4		0.94488	0.97975	0.12	0.48	0.57	0.37	0.17	-0.25	0.01463	0.25776	0.61	0.44	0.67	0.62	0.84	0.60	0.09							
HILICneg_206.0826_0.86	neg	HILIC	0.86	206.0826			4		0.80940	0.92702	0.16	0.47	0.80	0.30	0.16	-0.32	0.00355	0.12140	0.68	0.60	0.83	0.75	1.11	0.44	0.01							
HILICneg_206.1036_4.9	neg	HILIC	4.9	206.1036			4		0.30494	0.63406	-0.12	0.11	0.13	0.08	0.04	-0.55	0.27185	0.78271	-0.12	-0.15	0.04	-0.05	-0.10	-0.15	-0.26							
HILICpos_206.1174_2.01	pos	HILIC	2.01	206.1174			4		0.25780	0.59603	-0.14	0.02	-0.07	0.12	0.02	-0.14	0.41287	0.86456	-0.05	-0.05	-0.01	-0.11	0.01	-0.04	-0.11							
HILICpos_206.1174_1.74	pos	HILIC	1.74	206.1174			4		0.09589	0.42596	-0.11	-0.01	-0.03	0.40	-0.05	-0.16	0.17465	0.68944	-0.13	-0.15	-0.08	-0.13	-0.18	-0.11	-0.16							
HILICneg_206.7896_1.43	neg	HILIC	1.43	206.7896			4		0.01594	0.23382	-0.48	-0.20	-0.42	-0.19	-0.16	-0.36	0.02691	0.34456	0.30	0.39	0.21	0.54	0.06	0.42	0.48							
RPneg_206.83771_11.098	neg	RP	11.098	206.8377			4		0.52727	0.79186	0.25	-0.04	0.02	0.69	1.13	0.22	0.37840	0.84570	-0.18	-0.25	-0.16	-0.79	-0.18	-0.02	0.42							
HILICneg_206.8547_0.53	neg	HILIC	0.53	206.8547			4		0.12711	0.46383	-0.18	0.03	0.09	0.17	-0.14	0.31	0.24645	0.76251	0.00	0.03	-0.10	0.06	0.13	-0.08	0.05							
HILICpos_206.8855_2.97	pos	HILIC	2.97	206.8855			4		0.42153	0.72423	-0.25	0.05	0.47	-0.16	-0.23	1.15	0.69672	0.95088	-0.13	-0.24	0.02	0.77	0.26	-0.01	-0.42							
HILICneg_206.9435_0.48	neg	HILIC	0.48	206.9435			4		0.92101	0.64751	-0.05	0.02	-0.01	0.41	0.05	-0.12	0.26491	0.77712	0.04	-0.05	-0.02	0.00	0.09	0.12	-0.01							
RPneg_206.9798_1.05	neg	RP	1.05	206.9798			4		0.79556	0.92070	0.08	-0.19	0.10	0.24	0.15	-0.12	0.21312	0.72998	0.86	0.77	0.68	0.82	0.66	0.90	0.90							
RPneg_206.9798_1.05	neg	RP	1.05	206.9798			4		0.62937	0.84321	0.11	-0.09	0.21	0.10	0.51	0.18	0.08765	0.54659	0.45	0.18	0.09	0.48	0.34	0.51	0.90							
HILICneg_206.9969_0.61	neg	HILIC	0.61	206.9969			4		0.26025	0.59820	0.27	0.13	0.46	0.55	0.18	0.31	0.00103	0.05794	0.21	0.05	0.02	0.28	0.50	0.33	-0.03							
RPneg_206.9971_2.025	neg	RP	2.025	206.9971			4		0.25178	0.59075	0.27	0.10	0.49	0.48	0.28	0.30	0.00000	0.00121	0.25	-0.12	0.12	0.38	0.59	0.39	-0.06							
HILICneg_207.0042_3.81	neg	HILIC	3.81	207.0042			4		0.17583	0.52105	-0.14	-0.19	0.00	-0.09	0.03	0.18	0.59695	0.92780	-0.13	0.06	-0.23	-0.02	-0.04	-0.41	0.36							
RPpos_207.0173_1.6	pos	RP	1.6	207.0173			4		0.58377	0.82056	0.13	0.19	0.16	0.21	0.52	0.09	0.12758	0.61913	0.47	0.24	0.06	0.39	0.42	0.52	1.18							
HILICneg_207.0514_1.1	neg	HILIC	1.1	207.0514			4		0.52027	0.78772	-0.16	-0.18	-0.07	-0.18	0.07	0.55	0.78748	0.96713	0.00	0.01	0.07	-0.15	0.01	0.04	0.89							
RPneg_207.07756_1.876	neg	RP	1.876	207.0776			4		0.00498	0.14081	-0.68	-0.48	-0.05	-0.65	-0.89	-0.70	0.46373	0.88698	-0.24	-0.17	-0.12	-0.23	-0.05	-0.20	-0.31							
HILICneg_207.1031_0.96	neg	HILIC	0.96	207.1031			4		0.81278	0.92862	0.06	0.17	0.06	0.33	0.25	-0.09	0.93690	0.99026	0.05	-0.02	-0.08	0.42	0.10	0.09	-0.43							
HILICpos_207.1042_0.46	pos	HILIC	0.46	207.1042			4		0.36931	0.68577	-0.15	-0.18	0.55	-0.16	-0.13	0.13	0.79225	0.96742	-0.20	-0.02	-0.13	0.10	0.04	-1.10	-0.19							
RPpos_207.1103_2.71	pos	RP	2.71	207.1103			4		0.12758	0.46409	-0.10	0.05	0.13	-0.02	0.00	-0.52	0.34830	0.83042	-0.15	-0.12	-0.21	-0.23	0.01	-0.12	-0.19							
HILICpos_207.1129_3.87	pos	HILIC	3.87	207.1129			4		0.85596	0.94602	-0.04	0.13	1.27	0.21	-0.18	-0.64	0.00100	0.05740	1.64	1.12	2.59	2.78	1.53	1.10	-0.02							
HILICpos_207.1589_0.42	pos																															

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BRAC=0		Baseline		IV-Ghrelin or Placebo		Baseline		Post-LD		IV-Ghrelin or Placebo		IV-AC		Post-AC		BRAC=0			
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
RPneg_209.04585_4.665	RP	neg	4.665	209.0459			4		0.91043	0.96680	-0.05	0.01	0.02	1.04	0.17	0.30	0.38213	0.84832	0.11	0.35	-0.04	0.05	-0.05	-0.09	0.79							
HILICneg_209.046_0.7	HILIC	neg	0.7	209.0460			4		0.89891	0.96306	-0.06	0.01	-0.03	0.98	0.16	0.22	0.36771	0.83928	0.13	0.35	0.00	-0.16	0.11	-0.03	0.88							
HILICneg_209.0669_2.33	HILIC	neg	2.33	209.0669			4		0.70297	0.87878	0.05	0.24	0.28	0.30	0.26	-0.05	0.50236	0.90280	-0.09	0.00	-0.03	-0.12	-0.07	-0.16	-0.02							
HILICneg_209.0811_6.98	HILIC	neg	6.98	209.0811			4		0.94555	0.80105	-0.18	0.02	0.35	0.01	-0.03	-0.60	0.14301	0.64534	0.12	0.29	0.29	0.51	-0.06	-0.24	-0.26							
RPneg_209.08238_6.372	RP	neg	6.372	209.0824			4		0.78017	0.91390	0.07	0.06	0.13	0.03	0.11	0.22	0.66831	0.94638	-0.06	0.06	-0.08	0.06	-0.08	-0.07	-0.04							
RPneg_209.08531_7.157	RP	neg	7.157	209.0853			4		0.46007	0.76451	-0.17	-0.04	-0.07	0.04	-0.15	-0.15	0.89506	0.84343	0.05	0.07	0.04	0.13	0.04	0.00	0.00							
HILICpos_209.0921_4.07	HILIC	pos	4.07	209.0921			4		0.00477	0.13761	-0.65	-0.47	-0.01	-0.66	-0.89	-0.80	0.68926	0.94980	-0.12	-0.14	-0.10	-0.15	0.13	-0.13	-0.19							
HILICpos_209.0922_0.72	HILIC	pos	0.72	209.0922			4		0.10972	0.44378	0.44	0.43	0.70	0.21	1.01	-0.08	0.14265	0.64525	0.30	0.25	0.13	0.43	0.67	0.34	-0.13							
RPpos_209.0922_1.15	RP	pos	1.15	209.0922			4		0.02787	0.28599	-0.60	-0.17	-0.01	-0.44	-0.51	-0.45	0.27117	0.78253	-0.32	-0.06	-0.12	-0.02	-0.41	-0.57	-0.01							
HILICpos_209.1022_2.35	HILIC	pos	2.35	209.1022			4		0.20879	0.55169	0.39	0.07	0.62	0.58	0.98	0.10	0.97019	0.99673	-0.03	-0.07	-0.01	0.00	-0.01	-0.16	-0.15							
RPpos_209.1171_7.07	RP	pos	7.07	209.1171			4		0.05610	0.35868	-0.36	-0.23	0.55	-0.14	-0.60	0.13	0.79594	0.96826	-0.20	-0.32	-0.03	-0.62	0.40	-0.05	0.00							
RPpos_209.1172_8.76	RP	pos	8.76	209.1172			4		0.29924	0.62886	-0.17	-0.11	-0.09	-0.12	0.03	-0.04	0.32919	0.82035	0.13	0.12	0.10	0.12	0.10	0.10	0.25							
RPneg_209.1181_8.419	RP	neg	8.419	209.1181			4		0.43324	0.73204	0.15	-0.07	0.75	0.31	0.01	0.06	0.00673	0.17372	0.28	0.09	0.12	0.78	0.37	0.34	-0.34							
HILICneg_209.1184_0.46	HILIC	neg	0.46	209.1184			4		0.20085	0.54549	0.25	-0.17	0.57	0.60	0.44	0.01	0.00111	0.06122	0.31	0.22	0.46	0.36	0.26	0.31	0.07							
HILICpos_209.1387_0.55	HILIC	pos	0.55	209.1387			4		0.88756	0.95883	0.03	0.26	0.45	0.32	0.16	-0.10	0.91667	0.98809	-0.05	-0.31	0.18	-0.01	0.31	-0.35	0.52							
RPpos_209.1532_11.05	RP	pos	11.05	209.1532			4		0.15503	0.49790	-0.58	-0.11	-0.03	-0.16	-0.50	-0.42	0.49707	0.90072	0.31	1.34	-0.29	0.60	-0.01	0.26	0.76							
HILICpos_209.1534_0.38	HILIC	pos	0.38	209.1534			4		0.46717	0.75554	-0.29	-0.15	-0.06	0.00	-0.08	-0.50	0.52202	0.90888	0.28	1.44	-0.30	0.43	0.01	0.22	0.45							
RPpos_209.1535_10.97	RP	pos	10.97	209.1535			4		0.32396	0.64965	-0.38	-0.15	0.09	0.04	-0.31	-0.53	0.59147	0.92661	0.22	1.24	-0.23	0.33	0.05	0.06	0.58							
RPpos_209.1902_6.72	RP	pos	6.72	209.1902			4		0.28178	0.61580	0.06	0.28	0.10	0.38	0.81	0.56	0.31398	0.81205	0.72	0.40	-0.08	0.38	0.03	0.43	0.23							
RPneg_209.83377_10.523	RP	neg	10.523	209.8338			4		0.97402	0.99026	0.05	-0.02	-0.06	0.15	0.14	0.24	0.13683	0.63503	0.13	0.00	0.15	0.16	0.04	0.11	0.44							
RPneg_209.83398_1.036	RP	neg	1.036	209.8340			4		0.43203	0.73143	-0.21	0.16	-0.40	-0.02	0.02	0.44	0.01622	0.27246	-0.39	0.00	-0.59	0.45	-0.25	-0.30	-0.72							
RPneg_209.83432_10.203	RP	neg	10.203	209.8343			4		0.63436	0.84494	0.10	0.47	0.31	0.50	0.22	0.50	0.32161	0.81567	0.17	-0.19	0.37	0.08	0.23	0.13	-0.11							
RPneg_209.83435_11.102	RP	neg	11.102	209.8344			4		0.92406	0.97276	-0.06	-0.13	0.07	0.42	-0.20	0.71	0.78859	0.96713	-0.07	0.19	-0.16	-0.00	-0.45	0.51	0.35							
RPneg_209.92307_14.172	RP	neg	14.172	209.9231			4		0.97378	0.99026	-0.02	0.33	-0.04	0.46	-0.22	0.73	0.00076	0.04774	-0.24	-0.44	-0.48	0.34	-0.11	-0.55	0.07							
HILICneg_209.9248_0.54	HILIC	neg	0.54	209.9248			4		0.00860	0.18214	-0.39	0.01	-0.34	-0.03	-0.47	-0.44	0.54934	0.91721	-0.03	0.09	0.00	-0.03	-0.11	0.10	0.01							
HILICneg_209.9495_0.92	HILIC	neg	0.92	209.9495			4		0.11395	0.44972	-0.36	-0.49	-0.37	-0.12	-0.37	-0.31	0.31271	0.81018	-0.26	-0.32	-0.31	-0.32	-0.16	-0.28	0.24							
HILICneg_209.9508_1.24	HILIC	neg	1.24	209.9508			4		0.02779	0.28599	-0.12	0.06	0.14	0.00	0.24	-0.16	0.40133	0.85838	-0.14	-0.21	0.02	0.01	0.05	-0.19	-0.51							
HILICpos_210.0045_0.94	HILIC	pos	0.94	210.0045			4		0.46952	0.75681	0.11	0.23	0.26	0.22	0.32	-0.29	0.00219	0.09208	-0.46	-0.53	-0.59	-0.41	-0.38	-0.37	-0.60							
HILICpos_210.0169_6.09	HILIC	pos	6.09	210.0169			4		0.54516	0.80095	-0.07	0.21	0.22	0.02	0.01	-1.06	0.34708	0.82996	0.45	0.28	0.78	0.97	0.50	0.04	-0.05							
HILICpos_210.0497_3.87	HILIC	pos	3.87	210.0497			4		0.89320	0.96136	-0.04	0.24	0.98	0.44	-0.44	-0.65	0.00269	0.10390	1.28	0.55	2.65	1.98	1.29	0.12	0.37							
RPpos_210.0587_4.99	RP	pos	4.99	210.0587			4		0.00876	0.18386	-0.82	-0.69	-0.96	-0.01	-0.21	0.25	0.66668	0.94404	-0.13	-0.12	-0.34	-0.26	0.36	-0.43	0.32							
HILICneg_210.0657_6.41	HILIC	neg	6.41	210.0657			4		0.02550	0.27911	-0.49	0.16	-0.02	-0.32	-0.36	-0.73	0.91819	0.99851	-0.05	0.18	0.16	0.16	-0.22	-0.44	-0.01							
RPneg_210.1352_6.526	RP	neg	6.526	210.1352			4		0.00390	0.25228	-0.67	0.40	-0.17	0.79	0.62	-0.38	0.70843	0.95262	0.10	-0.40	-0.11	0.52	0.19	0.04	0.66							
HILICpos_210.17_0.47	HILIC	pos	0.47	210.1700			4		0.31104	0.63927	3.30	2.94	3.01	3.35	3.47	6.22	0.35065	0.83164	15.92	10.13	8.45	12.95	10.00	16.99	20.41							
RPpos_210.1849_11.05	RP	pos	11.05	210.1849			4		0.20248	0.54724	-0.47	-0.19	-0.01	-0.16	-0.46	-0.41	0.52282	0.90914	0.30	1.30	-0.28	0.69	0.02	0.25	0.52							
RPpos_210.185_10.97	RP	pos	10.97	210.1850			4		0.27275	0.60876	-0.40	-0.20	-0.09	0.01	-0.38	-0.48	0.64689	0.93869	0.22	1.29	-0.33	0.50	-0.02	0.16	0.64							
HILICneg_210.7834_1.48	HILIC	neg	1.48	210.7834			4		0.07743	0.39859	-0.24	0.31	-0.29	-0.06	0.00	-0.18	0.38313	0.84854	-0.13	-0.24	-0.15	-0.29	-0.23	0.35	-0.06							
HILICneg_210.8672_0.92	HILIC	neg	0.92	210.8672			4		0.03726	0.31384	-0.67	0.24	-0.68	0.05	-0.33	-0.16	0.21929	0.73576	0.27	0.16	0.18	0.20	0.30	0.24	0.29							
HILICneg_210.8847_4.65	HILIC	neg	4.65	210.8847			4		0.60377	0.83118	0.18	0.03	0.24	0.63	-0.03	0.33	0.60726	0.92933	0.12	-0.13	0.32	-0.34	0.97	0.10	-0.32							
HILICneg_210.9317_3.21	HILIC	neg	3.21	210.9317			4		0.01182	0.20835	-0.72	0.40	-0.39	-0.88	-0.41	-0.09	0.98939	0.99815	-0.06	-0.24	-0.16	-0.27	-0.09	0.33	0.37							
HILICneg_210.9318_4.36	HILIC	neg	4.36	210.9318			4		0.08147	0.40618	-0.47	-0.25	-0.10	0.06	-0.21	-0.41	0.37803	0.84565	0.07	-0.18	0.00	0.72	-0.21	-0.31	0.26							
HILICneg_210.9321_3.33	HILIC	neg	3.33	210.9321			4		0.12956	0.46612	-0.49	0.06	0.09	0.12	-0.31	-0.43	0.65982	0.94229	-0.10	-0.38	-0.31	-0.27	-0.14	0.14	0.13							
HILICneg_210.9323_5.41	HILIC	neg	5.41	210.9323			4		0.02735	0.28442	-0.68	-0.65	-0.29	0.33	-0.30	-0.76	0.78549	0.96676	-0.22	0.23	-0.14	0.55	-1.37	0.01	-0.90							
HILICneg_210.9323_5.85	HILIC	neg	5.85	210.9323			4		0.42728																							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-LD				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_212.00246_3.764	RP	neg	3.764	212.0025		4		0.26837	0.60425	0.28	0.20	0.29	0.57	0.43	0.48	0.34628	0.82929	0.28	-0.04	0.35	0.13	0.33	0.22	0.59				
HILICneg_212.00246_0.43	HILIC	neg	0.43	212.0026		4		0.39721	0.70692	-0.21	-0.25	-0.20	0.09	-0.15	-0.45	0.22541	0.74215	0.79	0.26	0.12	-0.10	0.10	0.14	8.12				
RPneg_212.00262_3.072	RP	neg	3.072	212.0026		4		0.00329	0.11843	0.44	0.33	0.54	0.48	0.69	0.73	0.80092	0.96970	0.04	-0.19	0.03	0.01	0.02	0.16	0.44				
RPneg_212.00264_2.515	RP	neg	2.515	212.0026		4		0.01267	0.21548	0.51	0.43	0.75	0.94	0.23	0.73	0.51309	0.90648	0.11	-0.06	0.37	-0.07	0.08	0.16	0.41				
RPneg_212.00282_2.15	RP	neg	2.15	212.0028		4		0.03735	0.31395	0.51	-0.37	0.68	0.47	0.63	0.83	0.37203	0.84160	-0.18	0.16	-0.17	-0.20	-0.20	-0.21	0.35				
RPneg_212.00284_0.663	RP	neg	0.663	212.0028		4		0.00718	0.16717	0.58	0.57	0.40	0.43	0.69	0.80	0.21063	0.77119	0.22	0.14	0.29	0.12	0.20	0.18	0.38				
RPneg_212.00287_1.957	RP	neg	1.957	212.0029		4		0.06160	0.36878	0.47	0.32	0.67	0.37	0.53	0.83	0.40317	0.85869	-0.15	-0.17	-0.15	-0.22	-0.18	-0.17	0.16				
RPneg_212.00288_4.815	RP	neg	4.815	212.0029		4		0.90350	0.96446	0.07	0.08	0.16	0.06	0.16	0.10	0.61861	0.93265	0.18	0.13	0.11	0.17	0.12	0.18	0.34				
HILICneg_212.0293_1.76	HILIC	neg	1.76	212.0293		4		0.77978	0.91373	0.09	0.17	0.20	0.56	0.18	-0.21	0.40297	0.85869	-0.22	-0.06	-0.15	-0.36	-0.09	-0.33	-0.18				
HILICneg_212.0337_0.96	HILIC	neg	0.96	212.0337		4		0.95263	0.98268	-0.01	-0.06	-0.07	0.37	0.21	-0.25	0.15288	0.65844	0.32	0.11	0.53	0.22	0.30	0.46	0.03				
HILICneg_212.0622_6.41	HILIC	neg	6.41	212.0622		4		0.01536	0.23277	-0.52	0.10	-0.03	-0.35	-0.41	-0.76	0.79312	0.96753	-0.08	0.32	0.17	0.11	-0.31	-0.48	-0.09				
HILICneg_212.0737_2.93	HILIC	pos	2.93	212.0737		4		0.16856	0.51356	-0.16	-0.02	-0.07	0.12	-0.07	-0.22	0.15603	0.66272	-0.08	0.01	-0.08	-0.13	-0.10	-0.09	0.05				
HILICpos_212.0919_2.36	HILIC	pos	2.36	212.0919		4		0.43413	0.73275	-0.13	-0.01	-0.13	-0.19	0.10	0.45	0.09066	0.55453	0.26	0.00	0.11	0.38	0.59	0.51	-0.21				
HILICpos_212.1006_6.18	HILIC	pos	6.18	212.1006		4		0.20903	0.55194	0.26	0.31	0.59	0.49	0.22	-0.35	0.16970	0.68207	0.43	0.48	0.45	0.71	0.66	0.23	0.10				
HILICpos_212.1027_5.61	HILIC	pos	5.61	212.1027		4		0.44767	0.74273	-0.04	0.05	-0.03	0.05	0.17	-0.42	0.82866	0.97434	-0.04	-0.06	0.06	-0.08	-0.08	0.01	-0.14				
HILICpos_212.1028_5.32	HILIC	pos	5.32	212.1028		4		0.90388	0.96456	0.28	0.44	0.44	0.38	0.51	-0.34	0.35181	0.83198	-0.17	-0.22	-0.12	-0.20	-0.11	-0.15	-0.18				
HILICpos_212.1046_5.11	HILIC	pos	5.11	212.1046		4		0.14287	0.48308	0.33	-0.20	0.38	0.43	0.19	-0.48	0.76965	0.96458	0.02	0.24	-0.39	0.22	0.13	0.14	-0.29				
HILICpos_212.1183_0.55	HILIC	pos	0.55	212.1183		4		0.00091	0.06059	-0.61	-0.17	-0.19	-0.45	-0.17	-0.45	0.32270	0.81618	-0.30	1.05	0.57	-0.45	0.15	0.35	-0.37				
RPpos_212.1187_3.82	RP	pos	3.82	212.1187		4		0.00309	0.11399	-0.53	-0.18	-0.14	-0.37	-0.13	-0.44	0.31427	0.81205	-0.28	1.03	0.63	-0.40	0.14	0.15	-0.05	0.35			
HILICpos_212.1488_0.62	HILIC	pos	0.62	212.1488		4		0.01408	0.22486	0.51	-0.48	-0.29	0.17	0.50	0.17	0.38509	0.84935	0.31	-0.42	0.18	0.40	0.04	0.10	0.55				
RPpos_212.1495_2.59	RP	pos	2.59	212.1495		4		0.13290	0.47119	-0.53	0.18	0.40	-0.53	-0.05	-0.43	0.79047	0.96713	-0.04	-0.02	-0.34	0.18	0.13	0.11	-0.78				
HILICneg_212.8852_0.93	HILIC	neg	0.93	212.8852		4		0.13139	0.46860	-0.29	-0.23	-0.26	0.05	-0.33	-0.17	0.26558	0.77769	-0.24	-0.43	-0.17	-0.37	-0.02	-0.21	0.12				
RPneg_212.91078_10.524	RP	neg	10.524	212.9108		4		0.16284	0.50745	-0.32	0.33	-0.22	0.09	0.00	0.32	0.96076	0.99553	-0.06	-0.52	-0.05	-0.60	0.25	0.10	0.31				
RPneg_212.91135_13.791	RP	neg	13.791	212.9114		4		0.21507	0.55768	-0.47	-0.37	-0.53	0.46	-0.16	-0.46	0.81508	0.97182	-0.13	-0.45	-0.30	0.44	-0.26	0.00	-0.01				
HILICneg_212.9209_3.06	HILIC	neg	3.06	212.9209		4		0.46606	0.75480	-0.25	0.12	0.47	-0.15	-0.22	1.26	0.75403	0.96233	-0.11	-0.30	0.08	0.65	0.25	0.03	-0.44				
HILICneg_212.9792_1.35	HILIC	neg	1.35	212.9792		4		0.21665	0.55863	-0.33	-0.19	-0.21	0.05	-0.43	0.42	0.81814	0.97238	-0.02	1.13	-0.20	-0.40	0.58	-0.29	0.17				
HILICneg_213.0175_0.87	HILIC	neg	0.87	213.0175		4		0.98004	0.99236	0.02	0.23	1.00	0.59	0.22	-0.12	0.02374	0.32555	0.59	0.14	0.22	0.50	0.93	0.88	0.19				
RPneg_213.02281_5.577	RP	neg	5.577	213.0228		4		0.12801	0.46431	0.88	0.82	0.83	1.63	0.90	1.63	0.47868	0.89396	0.23	0.20	0.24	0.21	0.23	0.23	0.19				
RPneg_213.02281_5.221	RP	neg	5.221	213.0228		4		0.93444	0.97646	0.02	-0.01	0.03	0.03	0.12	0.45	0.32551	0.81845	-0.23	-0.28	-0.16	-0.19	-0.18	-0.31	-0.39				
RPneg_213.02289_5.39	RP	neg	5.39	213.0229		4		0.32712	0.65209	-0.29	-0.16	-0.12	-0.26	-0.12	-0.24	0.03218	0.23564	2.73	1.94	2.31	2.21	2.24	2.18	0.76				
HILICneg_213.0229_0.45	HILIC	neg	0.45	213.0229		4		0.35432	0.67380	0.48	0.46	0.51	0.82	0.68	0.69	0.11728	0.60196	0.66	0.64	0.68	0.65	0.64	0.71	0.56				
RPpos_213.0238_1.6	RP	pos	1.6	213.0238		4		0.94661	0.98034	0.02	-0.12	-0.01	0.07	0.42	0.05	0.11486	0.59882	0.46	0.05	0.11	0.16	0.69	0.47	1.28				
RPpos_213.024_1.37	RP	pos	1.37	213.0240		4		0.23704	0.57864	0.33	0.11	0.09	0.25	0.12	0.11	0.14459	0.88025	0.75	0.15	0.37	1.43	0.19	-0.09	0.88				
RPpos_213.024_1.06	RP	pos	1.06	213.0240		4		0.69760	0.87622	0.11	-0.07	0.20	0.32	0.29	-0.16	0.01676	0.27723	0.81	0.25	0.46	0.32	0.88	0.36	1.39				
HILICneg_213.0494_6.17	HILIC	neg	6.17	213.0494		4		0.53645	0.79678	-0.21	0.05	0.36	0.01	0.01	-0.12	0.00893	0.20091	0.23	0.35	0.36	0.47	0.31	0.20	-0.17				
HILICpos_213.0636_5.81	HILIC	pos	5.81	213.0636		4		0.16779	0.51311	0.33	0.31	0.91	0.45	0.15	-0.49	0.00146	0.07206	0.78	0.35	0.90	0.96	0.87	0.60	0.13				
HILICpos_213.0748_6.94	HILIC	pos	6.94	213.0748		4		0.44135	0.73821	-0.20	0.00	0.22	0.07	-0.01	-0.29	0.06292	0.48765	0.23	0.26	0.46	0.44	0.20	0.11	-0.28				
RPneg_213.11305_7.069	RP	neg	7.069	213.1131		4		0.21760	0.55946	0.37	0.49	1.01	0.53	-0.32	0.63	0.08493	0.54143	0.86	0.96	0.43	1.50	0.76	0.38	-0.45				
HILICpos_213.1232_5.47	HILIC	pos	5.47	213.1232		4		0.35455	0.67397	0.12	0.24	0.30	0.24	-0.05	0.62	0.11799	0.60341	-0.14	-0.05	-0.10	-0.15	0.08	-0.25	-0.34				
HILICpos_213.1232_5.21	HILIC	pos	5.21	213.1232		4		0.37365	0.68940	0.16	0.13	0.31	0.17	0.06	0.92	0.23385	0.75116	-0.12	-0.10	-0.09	-0.17	-0.10	-0.17	0.06				
RPneg_213.14977_8.605	RP	neg	8.605	213.1498		4		0.07793	0.39986	0.89	-0.02	0.75	0.74	1.60	0.27	0.02527	0.33471	0.74	0.72	0.87	0.84	0.10	0.37	0.48				
HILICneg_213.1498_0.44	HILIC	neg	0.44	213.1498		4		0.04401	0.33333	1.11	0.07	0.59	0.91	2.02	0.50	0.07998	0.53017	0.98	0.83	1.17	0.70	0.20	0.37	0.19				
RPneg_213.14999_8.247	RP	neg	8.247	213.1500		4		0.56768	0.81283	0.14	-0.01	0.59	0.25	0.47	-0.26	0.00415	0.13364	0.61	0.10	0.50	0.93	0.61	0.39	0.43				
RPneg_213.15002_8.671	RP	neg	8.671	213.1500		4		0.13784	0.47749	0.77	0.12	0.52	1.00	2.23	0.55	0.16766	0.67853	0.84	0.37	0.86	1.40	0.89	1.96	0.09				
HILICneg_213.784_1.43	HILIC	neg	1.43	213.7840		4		0.74383	0.89774	-0.16	0.55	-0.14	0.33	0														

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			Post-LD			IV-AC			Post-AC		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
RPneg_215.03323_2.112	RP	neg	2.112	215.0332			4		0.93599	0.97697	0.06	0.46	0.78	0.24	0.19	-0.20		0.00774	0.18616	1.12	0.28	2.12	2.11	1.74	0.57	0.33						
HILICneg_215.0334_5.69	HILIC	neg	5.69	215.0334			4		0.11193	0.44747	0.47	-0.20	1.05	0.33	0.82	0.61		0.00113	0.06157	0.56	0.11	0.39	0.89	0.94	0.36	0.28						
HILICneg_215.0334_6.28	HILIC	neg	6.28	215.0334			4		0.30679	0.63538	0.27	0.30	0.65	0.82	0.59	-0.31		0.47847	0.89396	0.17	0.12	0.14	0.20	0.17	0.16	0.13						
HILICneg_215.0334_5.85	HILIC	neg	5.85	215.0334			4		0.34368	0.66510	0.28	0.03	0.92	0.38	0.47	0.24		0.05850	0.47542	0.83	-0.04	0.64	0.58	0.99	0.76	0.70						
HILICneg_215.0335_5.96	HILIC	neg	5.96	215.0335			4		0.50089	0.76777	0.05	0.17	0.42	0.21	0.11	-0.24		0.07490	0.79893	0.25	0.14	0.26	0.40	0.41	0.20	-0.22						
HILICneg_215.0335_5.15	HILIC	neg	5.15	215.0335			4		0.61432	0.83571	0.04	0.23	0.15	0.20	0.36	0.04		0.81754	0.01722	0.07	0.24	0.01	0.22	0.05	0.03	-0.01						
RPneg_215.03873_5.754	RP	neg	5.754	215.0387			4		0.48564	0.76790	-0.04	-0.01	0.04	-0.08	0.00	0.19		0.03697	0.39245	-0.30	-0.39	-0.27	-0.19	-0.36	-0.32	-0.36						
RPneg_215.03877_5.851	RP	neg	5.851	215.0388			4		0.69848	0.87652	0.00	-0.12	0.00	-0.02	0.03	0.59		0.18978	0.70521	-0.30	-0.45	-0.15	-0.25	-0.39	-0.23	-0.33						
RPneg_215.03879_6.07	RP	neg	6.07	215.0388			4		0.52138	0.78850	0.14	0.15	0.31	0.26	0.29	-0.02		0.76323	0.96312	0.28	0.29	0.37	0.21	0.32	0.36	0.07						
HILICneg_215.0733_0.68	HILIC	neg	0.68	215.0733			4		0.10580	0.43876	0.46	-0.09	0.67	1.02	0.51	-0.05		0.00153	0.07429	1.95	0.92	1.16	2.14	3.84	4.15	0.45						
HILICneg_215.0739_1.24	HILIC	neg	1.24	215.0739			4		0.50120	0.77682	0.14	0.44	0.15	0.12	0.35	0.17		0.04206	0.41487	1.00	0.45	0.53	0.26	1.45	0.83	1.57						
HILICpos_215.114_5.79	HILIC	pos	5.79	215.1140			4		0.41807	0.72193	0.24	0.12	0.59	0.51	0.19	-0.57		0.05028	0.44641	0.91	0.59	1.12	1.06	0.91	0.52	0.05						
RPpos_215.1645_7.96	RP	pos	7.96	215.1645			4		0.07145	0.38705	-0.51	-0.53	-0.23	0.30	-0.30	0.28		0.16261	0.67260	0.34	-0.21	1.00	0.13	-0.13	0.65	1.06						
RPpos_215.1645_7.06	RP	pos	7.06	215.1645			4		0.03697	0.31316	-0.59	0.20	0.10	0.23	-0.53	0.08		0.62996	0.93531	0.05	0.02	-0.40	-0.31	0.58	0.55	0.70						
RPneg_215.16571_9.062	RP	neg	9.062	215.1657			4		0.08042	0.40483	1.00	0.06	0.86	1.05	1.54	0.18		0.23144	0.74813	0.70	0.51	0.94	1.26	0.30	1.29	0.12						
RPneg_215.16573_8.907	RP	neg	8.907	215.1657			4		0.03430	0.30469	-0.35	-0.04	-0.40	-0.20	0.02	0.34		0.32807	0.81922	-0.20	0.13	0.12	-0.29	-0.55	-0.03	0.11						
HILICneg_215.7815_1.5	HILIC	neg	1.5	215.7815			4		0.11994	0.45565	-0.34	-0.09	-0.24	-0.30	0.25	-0.28		0.10644	0.58488	-0.30	-0.73	-0.26	-0.72	-0.26	-0.03	0.14						
HILICneg_215.782_1.43	HILIC	neg	1.43	215.7820			4		0.76695	0.90858	-0.14	0.49	-0.18	0.36	0.15	0.01		0.10797	0.58695	-0.36	0.02	-0.57	-0.54	-0.40	-0.07	0.24						
RPneg_215.8475_11.099	RP	neg	11.099	215.8458			4		0.51769	0.78885	0.24	0.03	0.15	0.81	0.62	0.06		0.37327	0.84278	-0.17	-0.16	0.05	-0.66	-0.15	0.09	0.10						
RPneg_215.86879_1.033	RP	neg	1.033	215.8688			4		0.22720	0.56900	-0.36	0.24	-0.39	0.08	-0.11	0.67		0.01931	0.29372	-0.54	-0.75	-0.62	-0.34	-0.59	-0.66	-0.70						
HILICneg_215.8688_0.39	HILIC	neg	0.39	215.8688			4		0.39042	0.70156	-0.19	-0.34	-0.16	0.01	0.61	-0.57		0.23474	0.75233	-0.25	0.15	-0.33	-0.18	-0.73	-0.02	0.81						
HILICneg_215.869_7.4	HILIC	neg	7.4	215.8690			4		0.69362	0.87420	-0.15	0.28	0.39	0.09	-0.10	-0.22		0.07950	0.52906	0.71	0.36	0.88	0.42	0.53	-0.06	0.10						
HILICneg_215.8861_3.18	HILIC	neg	3.18	215.8861			4		0.76097	0.90508	-0.09	-0.01	0.18	0.22	0.35	-0.17		0.03948	0.40503	0.61	0.36	0.45	1.17	0.42	0.53	0.40						
HILICneg_215.9417_5.85	HILIC	neg	5.85	215.9417			4		0.95603	0.98769	0.09	0.39	0.65	0.14	0.11	-0.60		0.02081	0.30493	1.14	0.98	0.92	1.24	1.12	1.04	-0.45						
HILICpos_215.9834_0.38	HILIC	pos	0.38	215.9834			4		0.77429	0.91097	0.11	0.41	-0.10	0.21	0.65	-0.75		0.27671	0.78625	-0.06	0.73	0.00	0.07	-0.54	-0.09	0.05						
HILICpos_215.9841_0.94	HILIC	pos	0.94	215.9841			4		0.76652	0.90851	-0.11	0.13	0.02	0.20	0.37	-0.25		0.11327	0.59660	-0.23	-0.46	-0.59	-0.05	-0.36	0.21	-0.24						
HILICneg_216.025_1.02	HILIC	neg	1.02	216.0250			4		0.00003	0.00892	-0.66	0.45	0.86	0.93	0.59	0.38		0.83227	0.97501	0.00	-0.39	-0.11	0.01	0.31	0.47	-0.44						
HILICneg_216.0315_4.7	HILIC	neg	4.7	216.0315			4		0.77336	0.91078	0.08	0.28	0.78	0.17	-0.14	-0.51		0.00223	0.09285	0.56	0.26	0.86	1.07	0.44	0.42	-0.37						
HILICneg_216.0332_2.23	HILIC	neg	2.23	216.0332			4		0.80136	0.92335	-0.10	-0.06	0.40	0.25	-0.20	-0.32		0.34586	0.82891	0.09	0.02	0.09	0.23	0.12	0.07	-0.14						
HILICneg_216.0562_1.88	HILIC	neg	1.88	216.0562			4		0.72415	0.88757	0.17	-0.13	0.45	0.11	0.79	0.09		0.62517	0.93394	0.25	-0.18	0.40	0.33	0.31	0.11	0.09						
HILICpos_216.0569_6.37	HILIC	pos	6.37	216.0569			4		0.09058	0.41936	-0.35	-0.08	-0.16	-0.23	-0.16	-0.79		0.12764	0.61913	-0.39	-0.22	-0.27	0.02	-0.62	-0.76	-0.22						
HILICpos_216.0633_6.47	HILIC	pos	6.47	216.0633			4		0.48485	0.76743	-0.13	-0.04	0.52	-0.18	-0.01	0.03		0.96816	0.99669	-0.01	-0.31	0.01	0.53	0.32	0.13	-0.36						
HILICpos_216.0977_5.67	HILIC	pos	5.67	216.0977			4		0.25500	0.59371	-0.14	0.22	0.03	0.05	-0.01	-0.18		0.39335	0.73704	-0.07	0.18	0.03	0.07	-0.15	-0.26	-0.36						
HILICpos_216.0981_5.1	HILIC	pos	5.1	216.0981			4		0.23660	0.57831	0.09	-0.26	0.06	0.13	0.00	0.80		0.15119	0.65683	-0.13	0.07	-0.10	-0.30	-0.15	-0.27	0.07						
RPpos_216.1597_10.7	RP	pos	10.7	216.1597			4		0.00747	0.16959	-0.65	-0.22	-0.24	-0.47	-0.38	-0.53		0.34839	0.83042	0.39	1.12	-0.06	0.81	-0.05	0.31	0.46						
RPpos_216.1959_7.17	RP	pos	7.17	216.1959			4		0.39618	0.70586	-0.22	0.24	-0.03	-0.26	-0.22	4.92		0.91492	0.98770	0.05	1.25	-0.20	12.73	0.07	8.24	-0.40						
RPneg_216.85361_11.544	RP	neg	11.544	216.8536			4		0.28936	0.62258	-0.25	0.10	-0.02	0.06	-0.02	0.15		0.96465	0.99622	0.01	-0.20	-0.28	-0.56	0.05	0.29	0.89						
RPneg_216.85397_11.099	RP	neg	11.099	216.8540			4		0.26434	0.60127	0.45	-0.07	0.28	0.53	1.88	0.22		0.60336	0.92875	-0.15	-0.19	-0.18	-0.35	-0.28	0.08	0.25						
RPneg_216.85432_10.84	RP	neg	10.84	216.8543			4		0.01489	0.22933	-0.50	-0.19	0.03	-0.35	-0.41	-0.33		0.80874	0.97091	-0.01	0.52	-0.06	0.19	0.92	-0.70	-0.59						
HILICneg_216.8775_0.93	HILIC	neg	0.93	216.8775			4		0.12882	0.46512	-0.29	-0.25	-0.21	-0.04	-0.29	-0.11		0.23333	0.75066	-0.26	-0.37	-0.23	-0.33	-0.12	-0.25	0.12						
RPneg_216.87985_14.173	RP	neg	14.173	216.8799			4		0.24437	0.58521	-0.29	0.19	-0.30	-0.26	-0.04	0.38		0.02680	0.34431	-0.23	-0.44	-0.21	-0.37	-0.04	-0.32	0.34						
RPneg_216.9097_7.73	RP	neg	7.73	216.9097			4		0.29819	0.62838	-0.34	0.18	0.06	0.06	0.07	-0.10		0.08218	0.53444	-0.36	-0.21	-0.36	-0.28	-0.50	-0.56	-0.33						
HILICneg_216.9552_1.43	HILIC	neg	1.43	216.9552			4		0.59207	0.82490	-0.17	-0.05	0.42	-0.38	-0.08	0.53		0.27584	0.78622	0.50												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline			IV-ASA		BrAC=0		Baseline			Post-LD		IV-AC			Post-AC		BrAC=0		
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	
HILICneg_218.0475_6.21	HILIC	neg	6.21	218.0475		4		0.89456	0.96179	-0.01	-0.14	0.29	0.04	0.02	-0.60	0.12931	0.62281	0.57	0.30	0.75	1.09	0.27	0.23	0.22				
RPneg_218.04929_1.899	RP	neg	1.899	218.0493		4		0.30214	0.63148	-0.18	-0.12	-0.17	-0.18	-0.18	-0.21	0.21588	0.73213	0.43	0.48	0.49	0.47	0.43	0.38	0.05				
RPneg_218.08272_6.17	RP	neg	6.17	218.0827		4		0.06316	0.37122	0.03	-0.18	0.03	0.04	0.22	-0.45	0.50908	0.90412	-0.11	-0.01	-0.08	-0.05	-0.04	-0.14	-0.25				
RPneg_218.10342_1.98	RP	neg	1.98	218.1034		4		0.89499	0.96183	-0.03	-0.14	0.21	0.06	0.20	-0.26	0.81273	0.97170	0.32	0.23	0.21	0.48	0.42	0.11	0.37				
HILICpos_218.1246_6.12	HILIC	pos	6.12	218.1246		4		0.57857	0.86550	0.09	0.01	0.32	0.19	0.38	-0.52	0.74573	0.96070	0.15	0.17	0.29	0.30	0.26	-0.18	-0.44				
HILICpos_218.1284_5.54	HILIC	pos	5.54	218.1284		4		0.48016	0.78424	0.01	0.03	0.09	0.01	0.01	-0.53	0.43654	0.87671	-0.21	-0.27	-0.25	-0.23	-0.48	-0.14	-0.27				
RPneg_218.13144_7.969	RP	neg	7.969	218.1314		4		0.74489	0.89848	-0.13	-0.02	-0.10	0.37	-0.13	-0.38	0.35123	0.83176	-0.12	-0.18	-0.02	-0.11	-0.03	-0.30	-0.12				
RPpos_218.1388_1.41	RP	pos	1.41	218.1388		4		0.16749	0.51280	0.41	0.42	0.81	0.71	0.34	0.39	0.74311	0.96033	0.04	-0.04	0.01	-0.38	0.12	0.20	-0.34				
HILICpos_218.1496_4.55	HILIC	pos	4.55	218.1496		4		0.74468	0.89829	-0.08	0.05	-0.01	-0.08	-0.05	-0.51	0.82875	0.97436	-0.02	-0.03	0.02	-0.02	0.00	-0.04	-0.08				
HILICneg_218.8172_3.18	HILIC	neg	3.18	218.8172		4		0.16619	0.51153	-0.38	-0.09	-0.42	0.08	0.25	-0.72	0.65886	0.94171	0.08	0.12	-0.04	0.09	-0.08	0.11	0.40				
HILICneg_218.8174_0.52	HILIC	neg	0.52	218.8174		4		0.81997	0.93151	-0.14	-0.19	0.12	0.09	-0.20	0.18	0.71321	0.95354	0.47	0.20	0.02	0.66	0.31	0.64	0.47				
HILICneg_218.8176_0.6	HILIC	neg	0.6	218.8176		4		0.24682	0.58731	-0.14	-0.18	0.05	-0.14	0.19	-0.36	0.18648	0.70221	0.58	-0.12	0.44	1.34	1.03	0.13	-0.20				
HILICneg_218.9633_4.93	HILIC	neg	4.93	218.9633		4		0.34900	0.66960	-0.23	0.12	0.00	0.17	0.07	-0.68	0.20075	0.71669	0.25	0.18	0.29	0.34	-0.10	0.51	0.10				
HILICneg_218.9635_0.96	HILIC	neg	0.96	218.9635		4		0.93339	0.97624	-0.05	0.28	0.13	0.06	0.28	0.06	0.53108	0.91243	-0.07	0.05	-0.20	0.10	-0.15	-0.14	-0.02				
HILICneg_218.9639_5.42	HILIC	neg	5.42	218.9639		4		0.00008	0.01680	-0.66	-0.36	-0.78	-0.42	-0.08	0.36	0.49781	0.90072	-0.35	0.34	-0.23	0.36	-1.25	-0.11	0.96				
HILICpos_218.9935_0.94	HILIC	pos	0.94	218.9935		4		0.60428	0.83141	0.08	0.22	0.23	0.33	0.30	-0.26	0.00723	0.17915	-0.39	-0.50	-0.52	-0.31	-0.22	-0.38	-0.54				
RPpos_218.9946_2.86	RP	pos	2.86	218.9946		4		0.76395	0.90688	0.04	0.07	0.22	0.20	0.10	-0.19	0.12973	0.62317	1.26	1.24	1.19	0.97	1.60	1.49	0.40				
HILICneg_218.9948_6.17	HILIC	neg	6.17	218.9948		4		0.48377	0.76674	-0.26	0.14	0.29	0.08	-0.05	-0.25	0.02651	0.34844	0.23	0.34	0.19	0.50	0.08	0.55	-0.12				
RPneg_218.99677_2.697	RP	neg	2.697	218.9968		4		0.33559	0.69817	0.20	0.45	0.42	0.14	0.25	0.86	0.20327	0.71948	-0.37	-0.20	-0.29	-0.38	-0.25	-0.33	-0.02				
RPneg_218.99681_2.901	RP	neg	2.901	218.9968		4		0.25453	0.59310	0.69	1.08	1.57	0.59	0.86	0.54	0.19150	0.70700	0.18	0.41	0.50	0.13	0.23	0.04	-0.01				
RPneg_218.99689_1.494	RP	neg	1.494	218.9969		4		0.24495	0.58610	0.22	0.09	1.31	0.40	-0.08	-0.36	0.07202	0.51232	0.37	-0.08	0.05	0.46	0.62	0.50	0.61				
RPneg_218.99695_1.692	RP	neg	1.692	218.9970		4		0.57022	0.81414	0.15	0.09	0.92	0.41	0.06	-0.23	0.15539	0.66179	0.29	-0.06	-0.16	0.24	0.38	0.53	0.29				
RPneg_218.99704_2.566	RP	neg	2.566	218.9970		4		0.08312	0.40801	0.71	0.49	0.79	0.70	0.96	0.76	0.56509	0.92071	-0.17	-0.05	-0.20	-0.21	-0.17	-0.17	-0.10				
HILICneg_218.9974_0.44	HILIC	neg	0.44	218.9974		4		0.13803	0.47769	0.62	0.60	0.73	0.71	0.79	0.32	0.79319	0.96755	-0.09	0.08	-0.06	-0.16	-0.10	-0.14	-0.02				
RPneg_219.00906_1.596	RP	neg	1.596	219.0091		4		0.76679	0.90857	0.06	0.13	0.09	0.20	0.40	0.13	0.11711	0.60178	0.34	-0.02	-0.19	0.45	0.45	0.56	0.76				
RPneg_219.00934_1.359	RP	neg	1.359	219.0093		4		0.28199	0.61603	0.28	0.02	0.22	0.32	1.07	-0.08	0.70767	0.95262	0.19	-0.11	-0.16	0.84	-0.20	-0.24	0.44				
HILICpos_219.0266_5.2	HILIC	pos	5.2	219.0266		4		0.52807	0.79225	0.23	-0.23	0.80	-0.02	0.34	0.95	0.07886	0.52748	0.67	-0.13	0.59	0.74	0.17	-0.54	1.49				
HILICneg_219.0458_4.94	HILIC	neg	4.94	219.0458		4		0.94277	0.97907	-0.05	-0.09	0.00	0.13	0.04	-0.68	0.69225	0.95008	-0.13	-0.13	-0.10	-0.02	-0.10	-0.17	-0.56				
RPneg_219.06624_6.557	RP	neg	6.557	219.0662		4		0.46620	0.75489	-0.14	-0.03	0.17	-0.12	-0.13	-0.16	0.92409	0.98905	0.01	0.15	-0.04	0.05	0.17	0.01	-0.06				
HILICneg_219.0682_1.81	HILIC	neg	1.81	219.0682		4		0.70476	0.87943	0.16	0.14	0.67	0.35	0.68	-0.02	0.96204	0.99564	0.01	-0.09	0.05	0.15	0.03	0.02	-0.22				
RPneg_219.07791_1.625	RP	neg	1.625	219.0779		4		0.69790	0.87637	-0.07	-0.04	0.33	0.01	-0.04	-0.41	0.73943	0.95927	1.35	1.90	2.05	1.41	1.46	0.51	0.76				
HILICpos_219.0974_6.66	HILIC	pos	6.66	219.0974		4		0.32480	0.65067	0.17	0.30	0.54	0.13	0.22	0.14	0.02699	0.34456	0.35	0.28	0.18	0.46	0.59	0.29	-0.07				
HILICneg_219.1103_6.98	HILIC	neg	6.98	219.1103		4		0.75566	0.90297	-0.13	0.08	0.56	0.03	-0.25	-0.80	0.43149	0.87439	0.44	0.20	0.44	0.17	-0.44	-0.35	-0.27				
RPneg_219.12363_5.198	RP	neg	5.198	219.1236		4		0.39300	0.70336	0.25	0.03	0.85	0.59	-0.11	-0.59	0.00021	0.02037	0.74	0.46	0.77	0.91	0.97	0.68	0.43				
HILICpos_219.1452_4.55	HILIC	pos	4.55	219.1452		4		0.85304	0.94495	-0.08	0.06	0.02	-0.05	-0.07	-0.49	0.98021	0.99752	-0.02	-0.01	-0.01	0.00	0.00	0.03	-0.10				
HILICpos_219.1592_0.41	HILIC	pos	0.41	219.1592		4		0.71989	0.88590	0.10	0.33	0.53	0.13	0.21	-0.20	0.74191	0.95997	-0.14	-0.23	0.11	-0.29	0.13	-0.29	0.59				
RPpos_219.1743_11.56	RP	pos	11.56	219.1743		4		0.74118	0.89626	-0.09	0.31	-0.17	0.60	-0.05	0.42	0.86050	0.97967	-0.02	-0.27	0.00	0.06	0.36	-0.30	-0.46				
RPpos_219.1954_8.86	RP	pos	8.86	219.1954		4		0.26465	0.60141	0.37	0.17	0.06	0.51	1.22	0.32	0.49945	0.90107	0.30	0.42	0.64	0.76	0.40	-0.11	-0.14				
HILICneg_219.8456_3.35	HILIC	neg	3.35	219.8456		4		0.10569	0.43876	-0.67	-0.24	-0.35	-0.03	-0.35	-1.13	0.31189	0.80947	0.05	0.37	0.03	0.33	0.14	0.23	0.15				
HILICneg_219.8457_4.88	HILIC	neg	4.88	219.8457		4		0.49982	0.77606	-0.08	0.51	0.43	-0.22	-0.02	0.93	0.12620	0.61763	-0.34	-0.08	-0.77	-0.11	-0.04	-0.74	-0.61				
RPpos_219.9662_1.1	RP	pos	1.1	219.9662		4		0.78089	0.91422	0.19	0.02	0.13	0.11	0.98	0.08	0.88035	0.98273	-0.12	-0.20	-0.36	0.02	0.20	0.25	-0.14				
HILICneg_219.9784_6.41	HILIC	neg	6.41	219.9784		4		0.06233	0.36949	-0.47	-0.32	-0.06	-0.33	-0.69	-0.07	0.02281	0.31841	-0.56	-0.76	-0.84	-0.12	-0.52	-0.72	-0.02				
HILICneg_219.9846_4.37	HILIC	neg	4.37	219.9846		4		0.07448	0.39314	-0.41	0.01	-0.15	0.01	0.29	-0.34	0.69626	0.95088	0.07	0.31	-0.08	0.52	-0.31	0.22	0.17				
HILICpos_219.9891_0.94	HILIC	pos	0.94	219.9891		4		0.62849	0.84270	0.07	0.11	0.24	0.24	0.27	-0.34	0.01051	0.21785	-0.39	-0.43	-0.46	-0.38	-0.29	-0.36	-0.54				
HILICpos_219.9902_4.84	HILIC	pos	4.84	219.9902		4		0.67153	0.86328																			

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline		IV-ASA			Baseline		IV-Ghrelin or Placebo			Baseline		IV-ASA			Baseline		IV-Ghrelin or Placebo		
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPpos_221.0923_2.83	RP	pos	2.83			4		0.09494	0.42429	-0.30	0.14	0.58	-0.08	-0.74	-0.73	0.88777	0.98367	-0.03	-0.08	0.35	0.16	-0.11	-0.26	-0.33				
RPneg_221.09312_2.241	RP	neg	2.241			4		0.19334	0.53883	-0.19	-0.06	-0.10	-0.07	-0.26	0.20	0.79888	0.96921	-0.04	-0.15	-0.08	-0.12	0.19	-0.06	0.12				
RPneg_221.09334_2.739	RP	neg	2.739			4		0.22523	0.56723	-0.20	-0.06	-0.09	-0.08	-0.32	0.36	0.79676	0.96859	-0.04	-0.09	-0.08	-0.13	0.15	-0.05	0.15				
HILICneg_221.0934_5.2	HILIC	neg	5.2			4		0.80887	0.92675	-0.08	-0.12	0.04	0.05	-0.19	0.58	0.17875	0.69392	0.04	-0.09	-0.02	0.00	0.24	-0.01	0.25				
HILICpos_221.0954_5.05	HILIC	pos	5.05			4		0.57967	0.91821	-0.02	-0.18	0.24	-0.09	-0.44	0.44	0.13484	0.63121	-0.19	-0.34	-0.20	0.00	-0.28	-0.28	-0.25				
RPpos_221.1173_8.39	RP	pos	8.39			4		0.55372	0.79472	0.22	0.2	-0.14	0.14	0.94	0.43	0.24200	0.51	0.15	0.09	0.27	0.21	0.23	0.01	0.03				
RPneg_221.11882_9.746	RP	neg	9.746			4		0.34128	0.66357	0.24	0.33	0.04	-0.05	0.80	1.01	0.25493	0.76998	0.66	0.58	0.16	1.94	1.35	0.59	-0.09				
HILICpos_221.1384_0.42	HILIC	pos	0.42			4		0.78689	0.91638	0.08	0.43	0.47	0.06	0.23	0.12	0.52413	0.90948	-0.25	-0.19	0.10	-0.26	-0.16	-0.51	0.59				
RPpos_221.1538_1.05	RP	pos	1.05			4		0.24503	0.58613	0.35	0.13	1.06	-0.05	0.54	-0.06	0.19136	0.70671	-0.50	-0.27	-0.72	0.88	-0.13	-0.47	-0.28				
RPpos_221.1747_11.07	RP	pos	11.07			4		0.10767	0.44127	-0.55	-0.17	-0.10	-0.25	-0.46	-0.43	0.53256	0.91290	0.26	1.26	-0.33	0.57	-0.07	0.20	0.70				
HILICpos_221.1857_3.6	HILIC	pos	3.6			4		0.33379	0.65753	-0.21	-0.42	0.24	-0.30	0.21	-0.47	0.00101	0.05759	0.41	0.31	0.34	0.61	0.04	0.45	0.30				
HILICneg_221.8429_4.88	HILIC	neg	4.88			4		0.87105	0.95154	0.06	0.52	0.49	0.01	0.17	0.53	0.16997	0.68215	-0.32	0.03	-0.56	-0.07	-0.02	-0.67	-0.63				
HILICneg_221.875_0.92	HILIC	neg	0.92			4		0.05795	0.36240	-0.34	-0.33	-0.24	-0.26	-0.35	-0.17	0.03701	0.39245	-0.42	-0.39	-0.43	-0.46	-0.36	-0.35	-0.28				
RPpos_221.982_1.05	RP	pos	1.05			4		0.50437	0.77898	0.19	0.10	0.29	0.47	0.43	-0.04	0.30952	0.80799	0.32	0.21	-0.01	0.55	0.03	0.37	0.81				
RPpos_221.9821_1.37	RP	pos	1.37			4		0.17297	0.51845	0.38	0.01	0.05	0.46	1.25	0.23	0.46852	0.88898	0.52	-0.03	0.44	1.14	0.07	-0.39	0.57				
HILICneg_222.0233_0.79	HILIC	neg	0.79			4		0.20279	0.54737	0.32	0.19	0.96	0.18	0.19	-0.38	0.09019	0.55371	0.17	0.28	0.36	0.25	0.16	0.21	-0.46				
HILICpos_222.0525_0.49	HILIC	pos	0.49			4		0.59293	0.82538	-0.21	0.00	-0.02	0.01	-0.10	-0.24	0.85943	0.97939	0.00	0.25	-0.27	-0.21	0.22	-0.09	0.29				
HILICneg_222.0619_6.22	HILIC	neg	6.22			4		0.78900	0.91746	-0.03	-0.09	0.25	0.05	-0.11	-0.31	0.09252	0.55918	0.52	0.30	0.51	0.97	0.50	0.17	-0.17				
RPneg_222.07712_3.068	RP	neg	3.068			4		0.21282	0.55338	0.45	0.62	1.33	0.85	0.05	0.23	0.51830	0.90830	0.22	0.03	-0.09	0.50	0.26	0.31	-0.29				
HILICneg_222.1136_0.62	HILIC	neg	0.62			4		0.58776	0.82288	-0.07	0.02	0.05	-0.08	0.12	-0.18	0.00002	0.00383	0.83	0.63	0.71	0.84	1.06	1.00	0.54				
RPneg_222.11365_7.016	RP	neg	7.016			4		0.55986	0.80922	-0.07	0.00	0.09	0.09	0.09	-0.20	0.00003	0.00505	0.82	0.55	0.72	0.79	1.01	0.95	0.90				
RPpos_222.1464_6.41	RP	pos	6.41			4		0.01273	0.21598	-0.56	-0.19	-0.30	-0.29	-0.09	-0.66	0.21417	0.73084	0.20	0.58	0.21	0.30	0.22	0.03	-0.03				
HILICneg_222.7653_1.47	HILIC	neg	1.47			4		0.42440	0.72607	-0.25	-0.02	-0.07	0.29	0.03	-0.79	0.31048	0.80865	-0.24	0.46	-0.06	-0.23	-0.30	-0.65	-0.01				
HILICneg_222.8113_0.54	HILIC	neg	0.54			4		0.07501	0.39395	-0.40	-0.29	-0.10	-0.52	-0.19	-0.14	0.24107	0.75800	0.93	0.67	0.54	0.98	0.90	0.63	0.41				
HILICneg_222.8117_3.74	HILIC	neg	3.74			4		0.61844	0.83790	-0.13	0.66	-0.10	-0.53	0.61	-0.19	0.80114	0.96981	0.02	0.05	0.19	-0.27	0.01	0.23	-0.08				
HILICneg_222.8304_0.93	HILIC	neg	0.93			4		0.03113	0.29684	-0.30	-0.10	-0.14	-0.29	-0.21	-0.03	0.10263	0.57706	-0.31	-0.35	-0.16	-0.30	-0.26	-0.31	-0.32				
RPneg_222.9371_11.193	RP	neg	11.193			4		0.01896	0.25058	1.23	0.01	0.67	1.78	1.91	-0.42	0.28930	0.79448	-0.31	-0.02	0.51	-0.74	-0.11	-0.36	-0.32				
RPneg_222.93727_10.207	RP	neg	10.207			4		0.24169	0.58221	-0.32	-0.01	0.29	0.14	-0.25	-0.14	0.58425	0.92465	-0.26	0.04	0.12	0.20	-0.43	0.40	0.22				
RPneg_222.93819_6.581	RP	neg	6.581			4		0.51855	0.78727	-0.06	0.10	0.10	-0.04	0.21	0.19	0.10772	0.58650	-0.03	-0.02	0.03	-0.08	0.03	-0.03	-0.08				
HILICneg_222.939_0.41	HILIC	neg	0.41			4		0.92589	0.97327	-0.02	0.17	0.13	-0.05	0.26	0.25	0.06324	0.48810	-0.07	-0.05	0.09	-0.16	-0.03	-0.10	-0.15				
HILICneg_222.9687_5.85	HILIC	neg	5.85			4		0.85717	0.94640	0.00	0.17	0.63	0.33	0.00	-0.68	0.01304	0.24442	1.13	0.82	1.09	1.52	1.07	0.84	-0.14				
HILICpos_222.988_0.94	HILIC	pos	0.94			4		0.62526	0.84103	0.07	-0.06	0.00	0.43	0.44	-0.20	0.05837	0.47519	-0.33	-0.18	-0.59	-0.27	-0.35	0.04	-0.71				
RPpos_222.9902_1.6	RP	pos	1.6			4		0.27178	0.81509	0.12	0.27	0.21	0.14	0.35	0.16	0.02621	0.34163	0.73	0.14	0.51	0.76	0.95	0.76	0.62				
HILICneg_222.9918_0.99	HILIC	neg	0.99			4		0.26329	0.60049	0.35	0.37	0.54	0.38	0.56	0.04	0.62955	0.93523	0.12	0.01	0.12	0.26	0.25	0.27	-0.27				
RPneg_222.99196_1.05	RP	neg	1.05			4		0.54715	0.80218	0.12	0.18	0.35	0.18	0.11	-0.01	0.74471	0.96700	-0.07	-0.09	-0.05	-0.09	0.08	-0.08	-0.24				
HILICneg_222.9923_1.24	HILIC	neg	1.24			4		0.29491	0.62651	0.20	0.26	0.33	0.29	0.21	0.13	0.86929	0.98042	-0.07	-0.15	-0.08	-0.03	0.07	0.00	-0.31				
HILICneg_222.9923_0.67	HILIC	neg	0.67			4		0.91880	0.97039	-0.02	0.15	0.62	0.39	-0.13	-0.22	0.04853	0.43985	0.45	0.40	0.62	1.04	0.90	0.63	-0.18				
RPneg_223.00725_5.2	RP	neg	5.2			4		0.50066	0.77659	-0.09	-0.09	-0.04	-0.13	-0.04	0.25	0.64762	0.93902	-0.04	-0.05	-0.03	-0.05	-0.03	-0.02	-0.06				
RPneg_223.0074_5.105	RP	neg	5.105			4		0.95324	0.98292	0.01	-0.02	0.02	-0.04	0.03	0.42	0.94005	0.99109	-0.07	-0.10	-0.07	-0.06	-0.06	-0.07	-0.13				
HILICneg_223.0201_0.54	HILIC	neg	0.54			4		0.36079	0.67911	-0.25	-0.06	-0.02	-0.11	0.15	-0.41	0.36810	0.83957	0.07	0.18	0.33	0.13	0.02	-0.09	-0.07				
HILICpos_223.0329_3.6	HILIC	pos	3.6			4		0.30504	0.63407	-0.27	0.05	0.00	-0.18	-0.31	-0.38	0.00082	0.05066	0.50	0.40	0.43	0.14	0.65	0.57	0.47				
HILICpos_223.0743_0.47	HILIC	pos	0.47			4		0.10355	0.43610	0.46	0.43	0.50	0.38	0.46	0.69	0.43654	0.87671	-0.44	-0.50	-0.32	-0.53	-0.47	-0.35	-0.37				
RPpos_223.097_7.72	RP	pos	7.72			4		0.39605	0.70575	-0.06	0.03	0.14	-0.08	0.05	-0.28	0.72129	0.95590	0.02	-0.04	0.12	0.02	0.00	0.03	-0.01				
HILICneg_223.0974_0.59	HILIC	neg	0.59			4		0.32541	0.65102	-0.20	-0.23	-0.18	-0.18	-0.17	-0.18	0.54759	0.91689	-0.12	-0.16	-0.08	-0.05	-0.18	-0.12	-0.11				
RPneg_223.09769_7.348	RP	neg	7.348			4		0.30988	0.63828	-0.21	-0.23	-0.21	-0.20	-0.14	-0.16	0.45853	0.88479	-0.15	-0.18	-0.11	-0.10	-0.19	-0.16	-0.10				
HILICpos_223.105_4.55	HILIC	pos	4.55			4		0.88155	0.95613	-0.06	0.05	0.05	-0.03	-0.02	-0.56	0.87892	0.98244	-0.04	-0.03	-0.05	-0.04	0.00	-0.02	-0.12				

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline			IV-ASA		BrAC=0		Baseline			Post-LD		IV-AC			Post-AC		BrAC=0		
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	
RPneg_225.02298_5.647	RP	neg	5.647	225.0230		4		0.92709	0.97396	0.01	-0.04	0.03	-0.03	0.03	0.65	0.77561	0.96493	-0.15	-0.13	-0.06	-0.14	-0.14	-0.21	-0.28				
RPneg_225.02299_5.511	RP	neg	5.511	225.0230		4		0.83457	0.93788	0.00	-0.01	-0.01	-0.04	0.01	0.55	0.37025	0.84063	0.05	0.04	0.10	0.02	0.16	0.18	-0.09				
HILICneg_225.0614_5.15	HILIC	neg	5.15	225.0614		4		0.90837	0.96600	0.04	-0.43	0.61	0.13	0.35	0.52	0.20422	0.72035	0.35	-0.38	0.36	0.05	0.53	0.38	1.27				
HILICneg_225.062_4.37	HILIC	neg	4.37	225.0620		4		0.25339	0.59178	-0.26	-0.28	-0.10	-0.06	-0.31	0.21	0.72308	0.95590	-0.10	0.26	0.54	-0.34	0.49	0.03	-0.44				
HILICneg_225.0626_6.28	HILIC	neg	6.28	225.0623		4		0.32180	0.55815	0.29	0.37	0.73	0.88	0.71	-0.45	0.44626	0.88624	0.20	0.25	0.12	0.28	0.34	0.10	-0.03				
HILICneg_225.063_0.77	HILIC	neg	0.77	225.0630		4		0.64767	0.84879	-0.16	-0.09	-0.07	-0.12	-0.13	0.35	0.88836	0.85312	-0.05	-0.12	-0.27	-0.04	-0.11	-0.07					
HILICneg_225.0702_1.36	HILIC	neg	1.36	225.0702		4		0.11955	0.45548	0.04	0.11	0.09	0.11	0.25	-0.22	0.45395	0.88356	0.19	0.15	0.30	0.22	0.25	0.05	0.14				
RPneg_225.07669_7.118	RP	neg	7.118	225.0767		4		0.64876	0.85145	-0.05	-0.05	0.10	-0.08	-0.01	0.14	0.35525	0.83325	0.36	0.44	0.28	0.28	0.57	0.30	0.25				
RPneg_225.07732_13.188	RP	neg	13.188	225.0773		4		0.55927	0.80900	-0.14	0.05	0.06	-0.42	0.01	0.52	0.54191	0.91464	-0.08	-0.08	-0.26	-0.46	0.37	0.78	-0.72				
RPneg_225.08098_4.197	RP	neg	4.197	225.0810		4		0.42294	0.72491	-0.25	0.24	-0.13	0.01	0.51	-0.05	0.58897	0.92655	-0.03	-0.11	0.86	-0.45	-0.03	-0.59	0.10				
RPneg_225.08847_2.294	RP	neg	2.294	225.0885		4		0.12129	0.45664	-0.36	0.05	-0.12	-0.04	-0.28	-0.13	0.16117	0.67081	-0.33	-0.28	-0.44	-0.29	-0.37	-0.36	-0.14				
RPpos_225.0914_8.32	RP	pos	8.32	225.0914		4		0.04880	0.34358	-0.62	-0.08	-0.26	-0.04	-0.23	-0.24	0.81398	0.97171	0.00	0.60	0.19	0.23	-0.94	-0.12	0.30				
RPneg_225.11298_7.095	RP	neg	7.095	225.1130		4		0.33257	0.65636	0.30	-0.30	1.09	0.18	0.47	0.11	0.00146	0.07206	0.63	0.13	0.73	1.08	0.03	0.53	0.35				
RPneg_225.11333_7.001	RP	neg	7.001	225.1133		4		0.36557	0.68294	0.28	0.25	0.41	0.46	0.73	-0.12	0.61408	0.93135	-0.10	0.17	-0.14	0.11	-0.36	-0.16	0.02				
HILICneg_225.1134_0.57	HILIC	neg	0.57	225.1134		4		0.27071	0.60684	0.24	-0.10	1.03	0.55	0.04	-0.31	0.00047	0.03539	0.46	0.16	0.66	0.65	0.63	0.58	-0.36				
HILICpos_225.1593_0.55	HILIC	pos	0.55	225.1593		4		0.06266	0.37022	-0.51	-0.04	0.49	-0.34	-0.63	0.08	0.60113	0.92810	-0.26	-0.23	-0.02	-0.16	0.09	-0.84	-0.56				
HILICneg_225.9263_0.93	HILIC	neg	0.92	225.9263		4		0.12826	0.46431	-0.31	-0.36	-0.19	-0.26	-0.17	-0.20	0.23114	0.74783	-0.27	-0.23	-0.23	-0.37	-0.17	-0.23	-0.11				
HILICneg_225.9342_4.33	HILIC	neg	4.33	225.9342		4		0.97800	0.99142	0.05	0.11	0.33	0.12	0.01	0.25	0.05568	0.46583	0.28	0.73	-0.21	0.11	0.54	0.57	-0.43				
HILICneg_225.987_6.41	HILIC	neg	6.41	225.9870		4		0.22137	0.64757	-0.29	-0.18	-0.02	0.03	-0.50	-0.36	0.00170	0.07820	-0.73	-0.46	-0.28	-0.26	-0.25	-0.77	-0.13				
RPneg_226.01761_4.276	RP	neg	4.276	226.0176		4		0.80894	0.92678	0.03	0.00	0.05	0.15	0.03	0.52	0.19014	0.70555	-0.22	-0.22	-0.22	-0.23	-0.20	-0.19					
RPneg_226.01833_5.016	RP	neg	5.016	226.0183		4		0.23989	0.58101	0.33	0.24	0.30	0.31	0.43	0.97	0.27384	0.78431	-0.24	-0.24	-0.24	-0.26	-0.23	-0.21	-0.21				
RPneg_226.01836_3.258	RP	neg	3.258	226.0184		4		0.28580	0.61921	0.31	0.12	0.17	0.46	0.35	1.76	0.34242	0.82748	-0.26	-0.28	-0.27	-0.27	-0.29	-0.19	-0.18				
HILICneg_226.0184_0.54	HILIC	neg	0.54	226.0184		4		0.79703	0.92156	0.03	-0.01	0.05	0.16	0.02	0.54	0.20371	0.71972	-0.22	-0.20	-0.20	-0.23	-0.21	-0.20	-0.17				
HILICpos_226.0447_5.1	HILIC	pos	5.1	226.0447		4		0.54961	0.80354	0.16	0.47	0.98	0.54	0.03	-0.53	0.16119	0.67081	0.45	0.07	0.59	1.15	0.51	0.24	-0.17				
HILICneg_226.0447_1.24	HILIC	neg	1.24	226.0447		4		0.94627	0.98034	0.13	0.21	0.41	0.32	0.23	0.22	0.33568	0.82340	-0.19	-0.15	-0.02	-0.27	-0.13	-0.08	-0.41				
HILICneg_226.057_2.33	HILIC	neg	2.33	226.0570		4		0.90734	0.96581	0.08	0.11	0.19	0.45	0.23	0.12	0.77433	0.96469	-0.08	-0.04	-0.18	-0.13	-0.12	0.12	-0.09				
HILICneg_226.0824_1.65	HILIC	pos	1.65	226.0824		4		0.25175	0.59074	-0.12	0.04	0.10	-0.10	0.12	-0.13	0.11513	0.59925	1.20	1.17	1.10	1.12	1.33	1.25	1.10				
HILICneg_226.0836_5.69	HILIC	neg	5.69	226.0836		4		0.03514	0.30720	0.55	0.41	1.24	0.65	0.39	0.02	0.02213	0.31461	0.63	0.28	0.58	1.08	0.88	0.82	-0.32				
HILICpos_226.1055_2.86	HILIC	pos	2.86	226.1055		4		0.53536	0.79625	0.15	0.15	0.21	0.16	0.71	0.12	0.34964	0.83054	0.37	0.03	-0.04	1.70	0.31	0.42	-0.06				
RPpos_226.1232_7.82	RP	pos	7.82	226.1232		4		0.04692	0.33960	-0.52	-0.07	0.42	-0.43	-0.53	-0.02	0.48951	0.89836	-0.28	0.27	-0.29	-0.14	-0.50	-0.05	-0.31				
HILICpos_226.1286_2.35	HILIC	pos	2.35	226.1286		4		0.22989	0.57135	0.36	0.05	0.52	0.65	0.85	0.13	0.98662	0.99793	-0.02	-0.06	-0.04	0.05	0.00	-0.17	-0.13				
HILICpos_226.1795_0.38	HILIC	pos	0.38	226.1795		4		0.53841	0.79800	-0.24	-0.14	-0.05	0.01	-0.03	-0.48	0.57089	0.92155	0.26	1.47	-0.28	0.42	-0.03	0.18	0.47				
RPpos_226.1801_10.97	RP	pos	10.97	226.1801		4		0.33233	0.64323	-0.41	-0.19	-0.03	0.02	-0.41	-0.50	0.56960	0.93221	0.25	1.56	-0.24	0.23	-0.03	0.15	0.61				
RPpos_226.1801_11.05	RP	pos	11.05	226.1801		4		0.20122	0.54594	-0.49	-0.17	-0.03	-0.16	-0.46	-0.47	0.55690	0.91950	0.26	1.41	-0.28	0.57	-0.03	0.21	0.61				
RPpos_226.1805_7.59	RP	pos	7.59	226.1805		4		0.04876	0.34335	-0.69	-0.12	-0.08	-0.32	-0.41	-0.21	0.72650	0.95612	0.14	2.33	-0.23	0.99	-0.23	0.49	0.32				
HILICneg_226.8012_7.08	HILIC	neg	7.08	226.8012		4		0.27871	0.61342	-0.36	-0.54	0.08	-0.20	-0.37	0.88	0.90496	0.98615	0.02	0.29	0.03	-0.04	-0.55	0.17	0.62				
HILICneg_226.8019_1.02	HILIC	neg	1.02	226.8019		4		0.57338	0.81586	0.16	0.49	0.42	0.34	0.23	0.09	0.75635	0.96233	0.21	0.33	0.26	0.37	0.18	-0.12	0.03				
HILICneg_226.8242_0.93	HILIC	neg	0.93	226.8242		4		0.02557	0.27934	-0.30	-0.12	-0.14	-0.32	-0.17	-0.04	0.06321	0.48798	-0.33	-0.33	-0.21	-0.30	-0.28	-0.36	-0.27				
HILICneg_226.8252_0.47	HILIC	neg	0.47	226.8252		4		0.79079	0.91828	0.11	0.47	-0.07	0.64	0.22	-0.13	0.62140	0.93338	0.02	-0.16	0.44	0.05	0.09	0.03	-0.18				
HILICpos_226.9509_4.3	HILIC	pos	4.3	226.9509		4		0.26911	0.60509	-0.41	-0.07	0.05	0.01	0.03	-0.47	0.82625	0.97408	-0.03	0.16	0.14	-0.31	0.09	-0.10	0.16				
HILICneg_226.9688_3.32	HILIC	neg	3.32	226.9688		4		0.69137	0.87316	-0.10	-0.08	0.73	0.14	0.14	0.27	0.00008	0.01020	0.66	0.58	0.49	1.11	0.88	0.36	0.10				
HILICneg_226.9688_3.22	HILIC	neg	3.22	226.9688		4		0.77928	0.91346	-0.09	-0.05	0.60	0.23	0.17	0.48	0.00035	0.02918	0.84	0.43	0.89	1.43	0.98	0.56	0.64				
HILICneg_226.9785_0.57	HILIC	neg	0.57	226.9785		4		0.00695	0.16434	-0.51	-0.35	-0.38	-0.22	-0.27	-0.43	0.56389	0.92038	0.00	0.25	0.14	-0.02	-0.12	0.03	-0.04				
RPpos_226.9857_1.6	RP	pos	1.6	226.9857		4		0.45669	0.74856	0.16	0.02	-0.24	0.29	0.71	0.39	0.09171	0.55754	0.60	0.44	0.35	0.40	0.61	0.28	1.02				
RPneg_227.00244_4.829	RP	neg	4.829	227.0024		4		0.53325	0.79516	0.07	0.09	0.10	0.05	0.13	0.59	0.39354	0.85381	0.01	0.02	0.06	0.02	0.03	0.03	0.01				
HILICneg_227.0384_0.44	HILIC	neg	0.44	227.0384		4		0.36652	0.68353	0.51	0.16	0.17	0.46	1.06	1.42	0.31025	0.80843	0.14	0.05	0.08	0.17	0.16	0.24	0.06				
RPneg_227.03867_6.283	RP	neg	6.283	227.0387		4		0.36729	0.68407	0.62	0.22	0.23	0.50	1.27	1.70	0.33251	0.82228	0.18	0.10	0.10	0.23	0.14	0.25	0.09				
RPneg_227.03873_6.164	RP	neg	6.164	227.0387		4		0.66509	0.85973	-0.03	0.06	-0.10	0.06	-0.04	0.28	0.71727	0.95466	-0.03	0.41	-0.03	-0.09	0.07	-0.11	-0.08				
RPneg_227.03909_6.547	RP	neg	6.547	227.0391		4		0.72601	0.88831	0.00	0.00	0.00	0.05	0.03	0.37	0.08701	0.54547	0.04	0.02	0.07	0.02	0.07	0.07	-0.01				
RPneg_227.03912_6.382	RP	neg	6.382	227.0391		4		0.57773	0.81697																			

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0		Baseline		IV-Ghrelin or Placebo		Baseline		Post-LD		IV-Ghrelin or Placebo		IV-AC		Post-AC		BrAC=0			
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d
RPneg_231.03307_3.203	RP	neg	3.203				4		0.42117	0.72390	0.12	0.10	0.11	0.05	0.21	0.57	0.26680	0.77916	-0.17	-0.16	-0.15	-0.17	-0.19	-0.22	-0.13							
HILICneg_231.0331_0.4	HILIC	neg	0.4	231.0331			4		0.09652	0.42632	0.41	0.24	0.54	0.55	0.74	0.33	0.89182	0.98433	0.18	0.23	0.21	0.15	0.21	0.24	-0.04							
RPneg_231.03317_5.847	RP	neg	5.847	231.0332			4		0.82890	0.93506	0.17	0.11	0.30	0.26	0.25	0.28	0.59824	0.92780	0.16	0.16	0.24	0.17	0.19	0.13	0.00							
RPneg_231.03354_5.72	RP	neg	5.72	231.0335			4		0.00906	0.18726	0.74	0.57	0.91	1.02	0.67	0.16	0.50566	0.90356	0.38	0.43	0.49	0.39	0.42	0.39	0.02							
RPneg_231.03389_6.158	RP	neg	6.158	231.0338			4		0.66949	0.86207	0.20	0.55	0.77	0.92	0.07	0.49	0.31775	0.81406	-0.13	-0.11	-0.08	-0.11	-0.14	-0.14	-0.22							
RPpos_231.0347_1.6	RP	pos	1.6	231.0347			4		0.53278	0.79473	0.14	0.17	0.35	0.25	0.19	0.06	0.09056	0.54321	0.57	0.07	0.14	0.31	0.52	0.74	1.48							
RPneg_231.04561_1.595	RP	neg	1.595	231.0456			4		0.60030	0.82876	0.13	0.39	0.06	0.11	0.39	0.11	0.08920	0.55184	0.78	0.28	0.31	0.68	0.82	0.61	1.80							
RPneg_231.04594_1.358	RP	neg	1.358	231.0459			4		0.05168	0.34917	0.61	0.50	0.30	0.50	1.45	0.06	0.38509	0.84935	1.54	0.28	0.97	2.36	0.59	0.51	1.08							
RPneg_231.04967_6.594	RP	neg	6.594	231.0497			4		0.22885	0.57056	-0.23	-0.23	-0.21	0.01	-0.20	0.01	0.20866	0.72469	-0.26	-0.24	-0.23	-0.24	-0.26	-0.24	-0.17							
HILICneg_231.0629_6.98	HILIC	neg	6.98	231.0629			4		0.38453	0.69734	-0.23	0.02	0.19	0.06	-0.06	-0.20	0.95516	0.99429	-0.02	-0.19	0.21	0.31	-0.14	-0.11	-0.35							
HILICpos_231.0839_2.35	HILIC	pos	2.35	231.0839			4		0.24609	0.58661	0.35	0.10	0.48	0.64	0.89	0.02	0.99933	0.99966	-0.01	-0.04	-0.04	0.04	-0.01	-0.14	-0.06							
HILICneg_231.0871_5.69	HILIC	neg	5.69	231.0871			4		0.37440	0.68997	0.21	0.08	0.79	0.57	0.20	0.17	0.00723	0.17915	0.50	0.31	0.68	0.64	0.48	0.54	-0.95							
HILICneg_231.0873_4.11	HILIC	neg	4.11	231.0873			4		0.74933	0.90008	-0.09	-0.08	0.30	0.49	-0.39	-0.19	0.29303	0.79691	0.31	0.42	0.95	0.82	0.18	-0.19	-0.35							
HILICneg_231.0874_0.96	HILIC	neg	0.96	231.0874			4		0.69499	0.87492	-0.10	0.34	0.07	0.31	0.09	-0.14	0.95836	0.99514	0.03	-0.09	0.09	-0.12	0.03	0.50	-0.39							
RPpos_231.1161_10.19	RP	pos	10.19	231.1161			4		0.29812	0.62834	-0.43	-0.03	-0.22	-0.19	-0.01	0.20	0.64844	0.93906	-0.03	-0.61	0.02	0.47	0.11	0.31	0.48							
RPpos_231.1161_10.93	RP	pos	10.93	231.1161			4		0.00383	0.12650	-0.57	-0.03	-0.50	-0.14	-0.58	0.61	0.85216	0.97768	0.04	-0.06	-0.80	0.08	0.58	0.15	0.02							
RPneg_231.12354_6.249	RP	neg	6.249	231.1235			4		0.00665	0.16134	-0.87	-0.72	-0.27	-0.05	-1.01	0.02	0.39376	0.85381	0.24	-0.13	-0.06	0.06	0.15	0.69	0.60							
RPneg_231.12376_6.977	RP	neg	6.977	231.1238			4		0.05160	0.23292	-0.70	0.33	-0.03	-0.43	-0.27	0.37	0.13311	0.62999	-0.62	-0.19	-0.58	0.42	0.61	0.00	0.08							
HILICpos_231.1342_4.84	HILIC	pos	4.84	231.1342			4		0.35077	0.67100	0.22	0.55	0.77	0.50	-0.04	-0.29	0.00993	0.21165	0.89	0.68	0.86	1.50	0.71	0.30	-0.25							
HILICpos_231.1701_5.48	HILIC	pos	5.48	231.1701			4		0.68504	0.87003	0.16	0.07	0.30	0.47	0.22	-0.37	0.94080	0.99141	0.39	0.20	0.21	0.37	0.39	0.34	0.02							
RPpos_231.2431_7.67	RP	pos	7.67	231.2431			4		0.24536	0.58617	-0.17	-0.14	0.35	-0.22	-0.07	-0.27	0.08711	0.54575	-0.49	-0.17	-0.07	-0.56	-0.21	-0.65	0.02							
HILICneg_231.8567_0.52	HILIC	neg	0.52	231.8567			4		0.11894	0.45527	-0.07	0.00	0.00	0.13	0.04	0.13	0.25805	0.77321	-0.05	-0.07	-0.15	-0.06	0.04	-0.01	-0.02							
RPneg_231.93129_13.855	RP	neg	13.855	231.9313			4		0.32641	0.65171	-0.35	-0.46	-0.07	0.27	-0.21	0.07	0.26104	0.77484	-0.44	-0.37	0.84	0.00	-1.21	-0.26	-0.07							
RPneg_231.93141_13.086	RP	neg	13.086	231.9314			4		0.41865	0.72219	-0.22	-0.08	-0.92	0.09	0.54	0.13	0.62386	0.93343	0.22	0.17	0.38	-0.43	-0.08	0.81	-0.10							
HILICneg_231.9315_0.96	HILIC	neg	0.96	231.9315			4		0.86839	0.95065	-0.06	0.37	0.34	0.20	0.48	-0.35	0.20033	0.71633	-0.23	-0.78	-0.41	0.12	-0.22	-0.03	-0.75							
RPneg_231.9315_14.399	RP	neg	14.399	231.9315			4		0.05433	0.35528	-0.40	0.31	0.55	-0.29	-0.41	0.10	0.46327	0.88698	-0.24	0.72	-0.52	0.02	1.55	-0.40	-0.52							
HILICneg_231.9316_0.55	HILIC	neg	0.55	231.9316			4		0.34422	0.66569	-0.24	-0.79	-0.15	0.01	0.57	-0.46	0.04735	0.43445	0.89	0.43	0.30	-0.10	0.35	1.05	-0.01							
HILICneg_231.9317_4.11	HILIC	neg	4.11	231.9317			4		0.99496	0.99821	0.00	0.26	1.03	0.30	-0.30	-1.17	0.01146	0.22835	0.68	0.41	0.84	1.76	1.13	0.45	-0.19							
HILICneg_231.9317_0.39	HILIC	neg	0.39	231.9317			4		0.75404	0.90249	0.10	-0.10	0.34	0.52	1.84	-0.07	0.68005	0.94753	-0.15	-0.58	-0.13	-0.51	-0.05	0.21	0.26							
HILICneg_231.9317_6.96	HILIC	neg	6.96	231.9317			4		0.98072	0.99266	0.04	0.05	0.15	0.42	0.42	-0.36	0.00000	0.00036	0.30	0.29	0.39	0.04	0.58	0.97	-0.90							
HILICneg_231.9318_4.91	HILIC	neg	4.91	231.9318			4		0.67337	0.86385	0.15	0.52	1.20	0.46	0.18	0.21	0.44789	0.88099	0.28	0.37	0.33	0.70	1.90	-0.59	-0.74							
HILICneg_231.9318_5.67	HILIC	neg	5.67	231.9318			4		0.05449	0.33555	0.44	0.67	0.55	0.07	0.36	0.27	0.00011	0.01253	1.08	0.95	1.35	0.61	0.33	0.44	-0.19							
HILICneg_231.9318_5.85	HILIC	neg	5.85	231.9318			4		0.95522	0.98780	0.05	0.44	0.68	0.33	0.25	-0.51	0.00673	0.17372	1.17	0.82	-0.11	1.24	0.71	0.94	-0.02							
HILICneg_231.9318_6.39	HILIC	neg	6.39	231.9318			4		0.08440	0.41025	-0.52	0.06	0.07	-0.59	-0.14	0.13	0.00980	0.21067	0.54	0.40	0.20	0.46	0.33	0.13	0.01							
RPneg_231.93185_13.993	RP	neg	13.993	231.9319			4		0.21341	0.55588	-0.30	0.00	0.05	0.13	-0.55	0.32	0.19594	0.71060	0.35	0.68	0.57	-0.08	-0.03	0.14	-0.27							
RPneg_231.93187_12.316	RP	neg	12.316	231.9319			4		0.39956	0.70831	-0.23	0.23	-0.10	0.26	-0.48	-0.17	0.79580	0.96826	0.21	-0.11	0.14	-0.26	0.34	0.58	-0.10							
RPneg_231.93188_11.16	RP	neg	11.16	231.9319			4		0.06347	0.37148	-0.83	-0.26	-0.02	-0.06	-1.60	0.52	0.90243	0.98582	-0.05	-0.06	0.06	0.15	-0.17	0.02	-0.25							
HILICneg_231.9319_7.1	HILIC	neg	7.1	231.9319			4		0.16045	0.50402	-0.31	-0.25	-0.34	0.11	-0.20	0.13	0.81477	0.97171	0.08	-0.15	-0.21	0.50	-0.01	0.16	-0.12							
RPneg_231.9319_12.951	RP	neg	12.951	231.9319			4		0.58906	0.82348	0.17	-0.08	0.50	0.15	0.43	0.25	0.46754	0.88846	0.08	-0.03	0.31	1.67	-0.44	-0.23	-0.21							
HILICneg_231.9319_5.97	HILIC	neg	5.97	231.9319			4		0.50569	0.77954	-0.17	0.04	0.36	0.09	0.09	-0.21	0.04479	0.42478	0.28	0.15	0.41	0.58	0.47	0.27	-0.52							
HILICneg_231.932_5.41	HILIC	neg	5.41	231.9320			4		0.84730	0.94292	-0.05	0.69	0.42	-0.03	0.67	0.31	0.00122	0.06441	0.29	0.23	0.01	1.18	0.39	0.54	0.23							
HILICneg_231.932_4.21	HILIC	neg	4.21	231.9320			4		0.13402	0.47291	-0.44	0.13	0.35	-0.01	-0.59	-1.54	0.19678	0.71250	0.23	-0.05	0.68	0.50	0.65	-0.14	-0.13							
HILICneg_231.9322_1.39	HILIC	neg	1.39	231.9322			4		0.92348	0.97251	0.09	0.08	0.53	0.13	0.14	0.36	0.26201	0.77484	0.27	0.41	-0.13	0.26	0.64	-0.01	0.44							
HILICpos_232.0164_5.8	HILIC	pos	5.8	232.0164			4		0.15787	0.50097	-0.27	0.37	0.61	-0.50	0.11	-0.94	0.27473	0.78509	0.68	0.38	0.38	0.68	0.55	0.74	-0.87							
RPneg_232.02861_1.371	RP	neg	1.371	232.0286			4		0.82489	0.93365	0.06	0.09	0.96	0.26	-0.10	-0.82	0.01564	0.26791	0.52	0.41	0.64	1.15	0.65	0.28	-0.14							
HILICneg_232.0287_2.04	HILIC	neg	2.04	232.0287			4		0.97743	0.99111	-0.01	-0.04	0.38	0.21	-0.06	-0.30	0.07631	0.52148	-0.18	0.02	0.14	0.40	0.54	0.11	-0.30							
HILICneg_232.0289_1.64	HILIC	neg	1.64	232.0289			4		0.88249	0.95651	-0.03	-0.02	0.36	0.16	-0.07	-0.30	0.03890	0.40211	0.38	0.07	0.17	0.49	0.58	0.32	-0.12							
HILICneg_232.0466_6.41	HILIC	neg	6.41	232.0466			4		0.06199	0.36881	-0.39	0.24	-0.05	-0.22	-0.08	-0.75	0.22726	0.74437	0.42	0.91	0.74	0.35	0.13	0.01	0.18							
RPneg_232.05872_2.112	RP	neg	2.112	232.0587			4																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			BrAc=0			Baseline			Post-LD			IV-AC			BrAc=0					
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d						
RPneg_239.03828_6.395	RP	neg	6.395		239.0383		4		0.43763	0.73540	-0.03	-0.10	0.03	-0.06	-0.03	0.38	0.15019	0.65514	0.09	0.09	0.20	0.04	0.15	0.11	-0.01							
RPneg_239.03831_6.542	RP	neg	6.542		239.0383		4		0.54009	0.79830	-0.07	-0.21	-0.06	-0.07	-0.01	0.34	0.18807	0.70302	0.30	0.15	0.36	0.16	-0.15	0.69	0.61							
RPneg_239.03833_6.821	RP	neg	6.821		239.0383		4		0.88009	0.95538	0.00	0.03	-0.02	-0.06	0.11	0.35	0.06547	0.49492	0.07	0.03	0.06	0.06	0.10	0.15	-0.01							
HILICneg_239.0596_4.21	HILIC	neg	4.21		239.0596		4		0.29198	0.62470	-0.16	0.31	0.60	-0.05	-0.50	-0.66	0.74362	0.96041	0.03	-0.37	0.17	0.37	0.21	-0.29	-0.30							
RPneg_239.0675_9.065	RP	neg	9.065		239.0675		4		0.24728	0.58788	-0.23	0.29	0.11	-0.08	0.13	-0.31	0.01521	0.87083	-0.08	-0.05	-0.00	0.15	-0.09	-0.30	0.08							
HILICneg_239.0786_6.98	HILIC	neg	6.98		239.0786		4		0.29607	0.62712	0.22	0.21	0.68	0.43	0.03	-0.30	0.03092	0.66565	0.04	0.35	0.33	0.43	0.53	0.19	-0.34							
RPpos_239.0916_5.48	RP	pos	5.48		239.0916		4		0.87914	0.95493	-0.20	-0.15	0.01	-0.15	-0.14	-0.33	0.06744	0.50052	0.00	-0.24	0.18	0.17	0.05	-0.12	-0.14							
RPpos_239.0923_6.549	RP	pos	6.549		239.0923		4		0.00773	0.17338	-0.66	0.22	-0.20	-0.57	-0.58	-0.07	0.02050	0.30306	-0.71	-0.11	-0.21	-0.74	-1.14	-0.74	-0.30							
HILICneg_239.0928_0.5	HILIC	neg	0.5		239.0928		4		0.38908	0.70095	-0.07	0.00	0.09	-0.11	0.04	-0.30	0.84181	0.97652	0.05	-0.02	0.09	0.05	0.05	0.10	0.01							
RPneg_239.12868_7.757	RP	neg	7.757		239.1287		4		0.06850	0.38091	-0.17	-0.20	-0.04	-0.09	0.03	-0.22	0.87470	0.98206	-0.03	0.00	-0.11	-0.11	0.04	0.08	-0.07							
RPneg_239.12891_7.666	RP	neg	7.666		239.1289		4		0.22958	0.57111	0.37	0.36	0.53	0.68	0.14	-0.47	0.99888	0.99963	0.01	-0.11	0.27	0.68	-0.38	-0.28	-0.42							
RPneg_239.12947_7.901	RP	neg	7.901		239.1295		4		0.23954	0.58092	0.28	0.43	1.46	0.67	-0.39	-0.22	0.13721	0.63602	0.68	0.35	0.72	1.53	0.65	0.38	0.06							
HILICpos_239.1388_0.54	HILIC	pos	0.54		239.1388		4		0.39325	0.70344	-0.27	0.00	1.11	-0.37	-0.19	0.26	0.25375	0.76928	-0.30	-0.24	-0.15	-0.18	-0.04	-0.51	-0.57							
HILICpos_239.1481_0.62	HILIC	pos	0.62		239.1481		4		0.26600	0.60223	-0.32	-0.40	0.01	0.29	-0.21	-0.09	0.56947	0.92121	-0.27	-0.09	-0.26	-0.23	-0.02	-0.36	-0.11							
RPpos_239.1487_2.75	RP	pos	2.75		239.1487		4		0.09521	0.42498	-0.51	-0.44	0.37	-0.18	-0.10	0.08	0.49950	0.90107	-0.31	-0.15	-0.30	-0.43	0.18	-0.54	-0.67							
RPpos_239.1624_8.45	RP	pos	8.45		239.1624		4		0.12476	0.46025	-0.36	-0.07	-0.18	-0.17	-0.42	0.00	0.52143	0.90888	-0.25	-0.39	-0.21	-0.33	-0.21	-0.37	-0.03							
RPpos_239.1625_8.51	RP	pos	8.51		239.1625		4		0.14612	0.48719	-0.35	-0.16	-0.15	-0.14	-0.45	-0.03	0.21446	0.73103	-0.29	-0.51	-0.33	-0.33	-0.35	-0.43	0.01							
RPpos_239.1646_9.59	RP	pos	9.59		239.1646		4		0.08213	0.40677	0.38	0.13	0.72	0.60	0.76	0.38	0.04841	0.43953	0.42	0.18	0.31	0.58	0.42	0.43	0.27							
RPneg_239.16507_8.057	RP	neg	8.057		239.1651		4		0.82044	0.93183	-0.06	0.07	-0.04	-0.17	0.27	-0.16	0.20134	0.71726	-0.12	0.73	0.00	0.57	0.00	-0.08	0.00							
RPneg_239.16536_10.041	RP	neg	10.041		239.1654		4		0.95448	0.98355	0.04	-0.04	0.00	0.02	0.79	0.36	0.39347	0.85338	-0.18	0.42	0.36	0.20	0.10	0.10	0.22							
RPneg_239.16559_9.126	RP	neg	9.126		239.1656		4		0.06473	0.37488	-0.86	-0.04	0.64	0.65	1.49	0.31	0.08347	0.53792	0.57	0.43	0.73	0.63	0.08	0.32	0.52							
RPneg_239.16583_9.349	RP	neg	9.349		239.1658		4		0.07268	0.39029	-0.32	0.30	-0.28	-0.37	0.33	-0.30	0.61494	0.93677	0.11	0.18	0.49	-0.05	-0.27	-0.39	0.26							
HILICneg_239.7603_1.47	HILIC	neg	1.47		239.7603		4		0.03332	0.30328	-0.68	0.43	-0.99	-0.61	-0.10	-0.06	0.91963	0.98860	0.02	0.26	0.21	0.62	0.28	0.28	-0.08							
HILICneg_239.8521_0.52	HILIC	neg	0.52		239.8521		4		0.02485	0.27621	-0.13	-0.02	-0.09	-0.11	-0.05	0.03	0.29710	0.79957	-0.02	-0.11	-0.08	0.02	-0.06	0.07	0.11							
HILICneg_239.8995_6.23	HILIC	neg	6.23		239.8995		4		0.41874	0.72221	-0.14	0.01	0.51	-0.05	0.12	-0.38	0.39031	0.85135	0.37	0.15	0.31	0.94	-0.27	-0.08	0.64							
HILICneg_239.9042_0.92	HILIC	neg	0.92		239.9042		4		0.09756	0.42766	-0.32	-0.35	-0.28	-0.22	-0.34	-0.25	0.10895	0.58871	-0.35	-0.42	-0.33	-0.42	-0.20	-0.36	-0.11							
RPneg_239.93069_1.361	RP	neg	1.361		239.9307		4		0.37171	0.68789	0.20	-0.13	0.17	0.32	0.61	0.09	0.68173	0.94804	0.11	0.05	0.26	1.34	-0.44	-0.55	0.46							
HILICneg_239.9911_2.11	HILIC	neg	2.11		239.9911		4		0.28337	0.61746	-0.15	0.27	0.30	-0.24	0.12	0.42	0.23198	0.74904	-0.31	0.07	-0.67	-0.10	0.08	-0.34	-0.49							
HILICneg_240.0107_6.23	HILIC	neg	6.23		240.0107		4		0.55701	0.80791	-0.11	0.38	0.60	0.21	0.09	-0.54	0.36402	0.83773	0.30	-0.04	0.29	0.73	-0.21	0.28	0.11							
HILICneg_240.0282_0.97	HILIC	neg	0.97		240.0282		4		0.90773	0.96591	0.03	0.24	0.22	0.21	0.26	0.03	0.30239	0.80374	0.22	0.26	0.36	0.23	0.30	0.13	0.24							
RPneg_240.0355_4.174	RP	neg	4.174		240.0356		4		0.61202	0.83415	-0.04	-0.02	-0.02	0.02	-0.01	0.30	0.62211	0.93343	0.22	0.38	0.23	0.39	0.33	0.17	-0.06							
HILICneg_240.0545_4.98	HILIC	neg	4.98		240.0545		4		0.49035	0.77143	-0.19	-0.03	-0.02	-0.06	-0.26	-0.80	0.68438	0.94844	-0.14	-0.08	-0.05	-0.01	-0.07	-0.17	-0.62							
HILICpos_240.0596_10.3	HILIC	pos	10.3		240.0596		4		0.95630	0.98427	0.13	0.19	0.25	0.30	0.22	-0.27	0.01919	0.84236	0.09	0.24	0.05	0.12	0.10	0.13	0.22							
RPpos_240.0986_10.3	RP	pos	10.3		240.0986		4		0.03387	0.30413	-0.43	0.30	1.11	0.33	-0.28	-0.26	0.11529	0.59932	-0.24	-0.27	-0.24	-0.55	0.01	-0.08	-0.54							
RPpos_240.1016_2.03	RP	pos	2.03		240.1016		4		0.30926	0.63779	-0.11	-0.05	0.01	0.06	-0.06	0.00	0.29819	0.80013	-0.18	-0.13	-0.16	-0.23	-0.11	-0.22	-0.26							
HILICpos_240.1018_1.69	HILIC	pos	1.69		240.1018		4		0.36314	0.68111	-0.10	0.00	0.02	0.09	-0.04	0.00	0.29428	0.79782	-0.17	-0.16	-0.14	-0.17	-0.18	-0.19	-0.25							
RPneg_240.91315_5.238	RP	neg	5.238		240.9132		4		0.30647	0.63532	-0.24	-0.25	-0.24	-0.24	-0.24	-0.31	0.29859	0.80069	0.51	0.58	0.63	0.55	0.44	0.42	0.38							
HILICneg_240.9134_0.41	HILIC	neg	0.41		240.9134		4		0.71532	0.88424	-0.26	-0.26	-0.31	-0.22	-0.24	-0.31	0.30137	0.80305	0.43	0.41	0.87	0.44	0.28	0.09	0.08							
HILICneg_240.9736_3	HILIC	neg	3		240.9736		4		0.76383	0.90683	0.09	0.06	0.50	0.31	0.49	0.40	0.04183	0.41483	0.56	0.51	0.64	1.14	0.46	0.23	0.19							
HILICneg_240.9737_3.15	HILIC	neg	3.15		240.9737		4		0.75244	0.90158	-0.08	0.15	0.71	0.36	0.04	0.09	0.22629	0.74317	0.48	-0.02	0.58	0.48	0.11	0.43	0.42							
RPneg_240.97856_2.431	RP	neg	2.431		240.9786		4		0.61841	0.83790	-0.14	-0.02	-0.06	-0.21	-0.10	0.19	0.09922	0.57103	0.31	0.30	0.41	0.26	0.29	0.24	0.44							
RPneg_240.98149_3.18	RP	neg	3.18		240.9815		4		0.70763	0.88071	0.04	0.18	0.45	0.29	-0.16	-0.59	0.30257	0.80376	-0.16	-0.26	-0.21	-0.18	-0.07	-0.12	-0.11							
HILICpos_240.9833_0.94	HILIC	pos	0.94		240.9833		4		0.96379	0.98696	-0.04	0.20	0.08	0.39	0.12	0.05	0.02113	0.30723	-0.32	-0.34	-0.53	-0.31	-0.11	-0.08	-0.58							
HILICneg_240.9986_1.94	HILIC	neg	1.94		240.9986		4		0.47944	0.76366	0.15	0.11	0.59	0.44	0.22	-0.39	0.47063	0.89070	0.54	0.67	0.91	0.50	0.83	0.24	0.23							
RPpos_241.0016_1.05	RP	pos	1.05		241.0016		4		0.91521	0.96888	-0.03	-0.10	-0.24	-0.04	0.43	0.00	0.14064	0.64260	0.43	0.16	0.03	-0.01	0.70	0.18	1.65							
RPpos_241.0018_1.6	RP	pos	1.6		241.0018		4		0.69341	0.87414	0.08	0.06	0.08	0.02	0.62	-0.16	0.10456	0.58038	0.59	0.30	0.04	0.20	0.82	0								

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0		Baseline		IV-Ghrelin or Placebo		Baseline		Post-LD		IV-Ghrelin or Placebo		IV-AC		Post-AC		BrAC=0			
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d
HILICpos_242.0102_0.94	HILIC	pos	0.94	242.0102			4		0.64976	0.85188	0.07	0.02	0.31	0.30	0.18	-0.19	0.00055	0.03928	-0.53	-0.55	-0.60	-0.59	-0.35	-0.47	-0.55							
RPneg_242.01266_2.126	RP	neg	2.126	242.0127			4		0.53237	0.79462	0.08	0.03	0.20	0.25	0.02	0.30	0.30066	0.80244	-0.14	-0.14	-0.14	-0.15	-0.12	-0.14	-0.05							
RPneg_242.01271_2.49	RP	neg	2.49	242.0127			4		0.50293	0.77795	0.10	0.06	0.21	0.27	0.03	0.43	0.27574	0.78622	-0.14	-0.14	-0.14	-0.19	-0.11	-0.12	-0.03							
RPneg_242.01299_3.44	RP	neg	3.44	242.0130			4		0.55805	0.80851	-0.01	0.13	0.32	-0.05	-0.06	0.18	0.34666	0.82968	-0.21	-0.14	-0.42	-0.08	-0.41	0.12	-0.01							
HILICpos_242.0189_5.00	HILIC	pos	5.09	242.0189			4		0.74663	0.89099	0.06	0.04	0.13	0.27	0.02	-0.68	0.28885	0.79431	0.20	0.08	0.59	0.53	0.30	0.01	-0.52							
HILICneg_242.0285_1.33	HILIC	neg	1.33	242.0285			4		0.94183	0.97871	0.14	0.30	0.67	0.14	-0.36	-0.01	0.00084	0.51142	0.34	0.04	0.12	0.46	0.56	0.11	0.12							
HILICneg_242.0518_5.96	HILIC	neg	5.96	242.0518			4		0.54467	0.80062	0.06	0.23	0.38	0.21	0.11	-0.89	0.29747	0.79978	0.26	0.26	0.19	0.36	0.40	0.21	-0.01							
HILICneg_242.0524_5.69	HILIC	neg	5.69	242.0524			4		0.17179	0.51720	0.50	-0.13	1.16	0.60	0.51	0.77	0.00445	0.13864	0.55	0.28	0.84	0.38	0.58	0.55	0.80							
HILICneg_242.0534_1.94	HILIC	neg	1.94	242.0534			4		0.61153	0.83394	0.10	0.23	0.52	0.39	0.14	-0.31	0.97451	0.99690	0.42	0.51	0.63	0.45	0.79	0.23	0.10							
HILICneg_242.0758_6.41	HILIC	neg	6.41	242.0758			4		0.14034	0.48047	-0.32	0.21	0.01	-0.01	-0.10	-0.63	0.20919	0.72517	0.38	0.73	0.78	0.41	0.14	0.06	0.00							
HILICpos_242.0785_2.86	HILIC	pos	2.86	242.0785			4		0.40154	0.70963	0.12	0.80	0.35	0.21	0.15	0.02	0.36164	0.83579	0.32	0.32	0.19	0.37	0.12	0.26	0.10							
HILICpos_242.0786_2.93	HILIC	pos	2.93	242.0786			4		0.62747	0.84235	0.12	0.07	0.28	0.09	0.63	0.12	0.53826	0.91464	0.21	0.07	0.13	0.66	0.36	0.39	-0.22							
HILICneg_242.0803_6.26	HILIC	neg	6.26	242.0803			4		0.00279	0.10921	-0.32	-0.20	0.15	-0.30	-0.03	-0.25	0.79704	0.96860	-0.05	-0.14	-0.10	0.16	0.18	0.01	-0.27							
RPneg_242.17609_11.075	RP	neg	11.075	242.1761			4		0.21950	0.56150	-0.45	-0.20	-0.17	-0.04	-0.41	-0.42	0.51302	0.90648	0.29	1.29	-0.26	0.68	0.08	0.18	0.46							
RPneg_242.1761_10.983	RP	neg	10.983	242.1761			4		0.65437	0.85467	-0.21	-0.22	0.29	0.09	-0.41	-0.52	0.58054	0.92418	0.25	1.99	-0.29	0.54	0.04	0.18	0.63							
RPneg_242.17621_7.593	RP	neg	7.593	242.1762			4		0.03841	0.31618	-0.65	-0.16	0.02	-0.25	-0.53	-0.25	0.69196	0.95008	0.15	1.95	-0.24	0.78	-0.13	0.35	0.26							
HILICneg_242.1766_0.46	HILIC	neg	0.46	242.1766			4		0.07736	0.39850	-0.48	-0.20	-0.22	-0.33	-0.44	-0.29	0.63019	0.93532	0.15	1.54	-0.23	0.77	-0.13	0.50	0.33							
HILICneg_242.1768_0.38	HILIC	neg	0.38	242.1768			4		0.22076	0.56313	-0.31	-0.16	-0.07	-0.13	-0.29	-0.35	0.97708	0.99726	-0.03	0.81	-0.33	0.17	-0.19	0.08	0.88							
RPpos_242.211_10.97	RP	pos	10.97	242.2110			4		0.35858	0.67760	-0.38	-0.20	-0.01	0.01	-0.36	-0.47	0.63885	0.93638	0.21	1.40	-0.27	0.60	-0.02	0.08	0.58							
RPneg_242.2114_11.06	RP	pos	11.06	242.2114			4		0.23138	0.57283	-0.45	-0.17	0.03	-0.14	-0.43	-0.41	0.15554	0.66190	0.62	1.33	0.32	0.58	0.01	0.19	0.59							
RPneg_242.90971_1.904	RP	neg	1.904	242.9097			4		0.44348	0.73956	0.24	0.44	0.69	0.47	0.49	0.15	0.60462	0.92896	0.15	0.09	0.01	0.38	0.63	0.36	-0.08							
RPneg_242.90985_5.238	RP	neg	5.238	242.9099			4		0.32242	0.64855	-0.24	-0.24	-0.26	-0.25	-0.23	-0.31	0.21061	0.72715	0.62	0.83	0.68	0.44	0.92	0.45	-0.15							
RPneg_242.92857_2.842	RP	neg	2.842	242.9286			4		0.73316	0.89182	0.02	0.17	0.03	0.14	0.14	-0.04	0.13251	0.62867	0.94	0.86	0.86	0.82	0.95	1.03	0.79							
RPneg_242.94359_13.095	RP	neg	13.095	242.9436			4		0.51988	0.78761	-0.25	-0.16	-0.21	0.19	0.20	0.59	0.63312	0.93546	-0.08	0.02	-0.10	-0.39	0.58	0.14	0.74							
RPneg_242.94382_10.64	RP	neg	10.64	242.9438			4		0.66994	0.86237	-0.11	-0.24	-0.15	0.30	0.20	0.18	0.93620	0.99003	-0.01	-0.18	0.42	-0.56	0.11	0.31	-0.49							
RPneg_242.94385_10.522	RP	neg	10.522	242.9439			4		0.01718	0.24115	-0.64	0.11	-0.88	-0.02	-0.11	0.37	0.94388	0.99197	-0.07	-0.06	-0.29	-0.10	0.29	-0.70	0.50							
HILICneg_242.9605_6.17	HILIC	neg	6.17	242.9605			4		0.77203	0.91024	0.04	0.29	0.55	0.31	0.18	-0.16	0.04367	0.42056	0.26	0.57	-0.03	0.48	0.47	0.27	-0.10							
HILICneg_242.9871_2.33	HILIC	neg	2.33	242.9871			4		0.34734	0.66802	-0.02	0.04	0.16	0.09	0.18	0.07	0.61280	0.93086	-0.06	-0.22	0.11	-0.23	0.10	-0.03	-0.15							
RPneg_242.99628_4.557	RP	neg	4.557	242.9963			4		0.72093	0.88627	-0.09	-0.01	0.00	-0.02	-0.04	-0.32	0.07647	0.52148	-0.44	-0.44	-0.45	-0.45	-0.46	-0.44	-0.48							
HILICpos_243.0023_0.94	HILIC	pos	0.94	243.0023			4		0.02847	0.28787	-0.35	-0.29	-0.11	-0.21	-0.25	-0.28	0.03279	0.37254	-0.34	-0.30	-0.42	-0.34	-0.21	-0.32	-0.22							
HILICpos_243.0267_7.71	HILIC	pos	7.71	243.0267			4		0.39009	0.70136	-0.10	0.35	0.27	-0.19	-0.19	0.23	0.62603	0.93454	0.03	0.22	-0.05	0.10	-0.05	-0.04	0.14							
RPneg_243.02797_2.81	RP	neg	2.81	243.0280			4		0.03052	0.29493	-0.55	-0.24	-0.42	-0.30	-0.56	-0.25	0.42168	0.86946	0.20	0.05	0.20	0.25	0.38	0.31	-0.23							
RPneg_243.0331_5.597	RP	neg	5.597	243.0331			4		0.62182	0.83939	-0.03	0.01	-0.11	0.07	-0.02	0.30	0.08982	0.55360	-0.35	-0.30	-0.31	-0.31	-0.29	-0.26	0.38							
RPneg_243.0336_5.396	RP	neg	5.396	243.0334			4		0.31351	0.64126	2.61	2.39	3.51	3.67	3.15	0.07	0.11537	0.59932	0.69	0.53	0.73	0.68	0.72	0.70	0.44							
RPneg_243.03343_3.661	RP	neg	3.661	243.0334			4		0.51970	0.78761	0.52	0.34	0.11	0.55	0.77	1.75	0.48636	0.89761	0.58	0.21	0.54	0.47	0.66	0.51	0.60							
HILICneg_243.0335_0.4	HILIC	neg	0.4	243.0335			4		0.61330	0.83488	0.13	-0.06	0.13	0.24	0.13	1.00	0.87632	0.98219	-0.03	-0.10	0.06	-0.02	0.00	0.01	-0.27							
HILICneg_243.0386_6.17	HILIC	neg	6.17	243.0386			4		0.80579	0.92532	-0.10	0.07	0.30	0.04	0.09	-0.16	0.02256	0.31745	0.30	0.49	0.32	0.48	0.49	0.13	-0.01							
RPpos_243.0529_2.82	RP	pos	2.82	243.0529			4		0.08461	0.41060	-0.28	0.04	0.44	-0.11	-0.51	-0.81	0.03135	0.36797	0.67	0.37	0.42	0.62	1.40	0.42	0.05							
HILICpos_243.0533_4.07	HILIC	pos	4.07	243.0533			4		0.12481	0.46029	-0.17	0.06	0.73	-0.14	-0.68	-0.54	0.73245	0.95803	0.03	-0.05	0.21	0.19	0.09	-0.04	-0.46							
RPneg_243.06204_1.306	RP	neg	1.306	243.0620			4		0.01620	0.23584	-0.54	-0.17	-0.36	-0.34	-0.84	0.03	0.02139	0.30918	-0.49	-0.67	-0.08	0.00	-0.69	-0.77	-0.31							
RPneg_243.06242_1.229	RP	neg	1.229	243.0624			4		0.00415	0.13194	-0.65	-0.33	-0.42	-0.70	-0.61	-0.35	0.00144	0.07124	-0.67	-0.36	-0.17	-0.39	-1.00	-1.14	-0.73							
HILICneg_243.064_1.35	HILIC	neg	1.35	243.0640			4		0.38475	0.69734	0.26	0.35	0.36	0.27	0.42	0.14	0.88951	0.98399	-0.03	-0.08	-0.06	0.03	0.01	-0.05	-0.01							
RPneg_243.06958_6.89	RP	neg	6.89	243.0696			4		0.63128	0.84836	0.09	0.19	0.36	-0.02	0.63	-0.16	0.96097	0.99553	0.05	-0.28	0.04	-0.05	-0.01	0.04	0.93							
HILICneg_243.07_0.44	HILIC	neg	0.44	243.0700			4		0.29109	0.62396	0.20	0.15	0.34	-0.04	1.18	0.09	0.88346	0.98281	-0.05	-0.34	-0.15	-0.23	0.01	-0.02	0.82							
RPneg_243.0775_4.966	RP	neg	4.966	243.0775			4		0.08294	0.40798	0.97	0.78	1.01	0.81	1.58	0.21	0.95194	0.99379	0.06	-0.04	0.03	0.04	0.08	-0.07	0.31							
RPpos_243.0883_5.91	RP	pos	5.91	243.0883			4		0.33373	0.65750	0.12	0.03	0.32	0.19	0.12	0.11	0.30177	0.80313	0.03	0.11	0.03	0.12	-0.05	-0.04	0.26							
RPpos_243.0996_8.39	RP	pos	8.39	243.0996			4		0.12116	0.45664	0.53	0.23	0.13	0.48	0.25	0.44	0.34138	0.83671	0.41	0.74	1.21	0.61	0.39	-0.05	-0.13							
HILICneg_243.1051_0.96	HILIC	neg	0.96	243.1051			4		0.77237	0.91041	0.10	0.25	0.24	0.17	0.13	-0.24	0.14392	0.64609	1.67	1.54	1.68	1.69	1.96	1.55	1.37							
HILICpos_243.1226_0.37	HILIC	pos	0.37	243.1226			4																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0		Baseline		Post-LD		IV-AC		Post-AC		BrAC=0		Baseline		IV-ASA		BrAC=0			
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	p	q	d	d	d	d	
HILICpos_244.1908_0.38	HILIC	pos	0.38	244.1908		4	244.1908	0.43385	0.73261	-0.30	-0.14	-0.07	-0.06	-0.08	-0.50	0.56894	0.92109	0.26	1.42	-0.28	0.40	-0.02	0.22	0.49								
RPpos_244.1908_11.05	RP	pos	11.05	244.1908		4	244.1908	0.19154	0.53693	-0.48	-0.16	-0.07	-0.15	-0.47	-0.44	0.53740	0.91544	0.27	1.35	-0.28	0.58	-0.01	0.20	0.56								
RPpos_244.1912_7.59	RP	pos	7.59	244.1912		4	244.1912	0.03891	0.31780	-0.73	-0.13	-0.03	-0.35	-0.48	-0.19	0.81448	0.97171	0.09	2.00	-0.23	0.82	-0.26	0.33	0.28								
RPpos_244.2057_6.51	RP	pos	6.51	244.2057		4	244.2057	0.34977	0.67007	-0.37	-0.02	0.63	0.24	0.54	-0.50	0.00099	0.05687	-0.62	-0.14	-0.73	-0.40	0.13	-0.71	-0.54								
RPpos_244.2272_7.71	RP	pos	8.71	244.2272		4	244.2272	0.24915	0.58856	0.38	0.29	0.12	0.33	0.63	0.57	0.30186	0.80313	0.73	0.60	0.59	1.11	0.16	0.39	0.20								
RPpos_244.2272_8.81	RP	pos	8.81	244.2272		4	244.2272	0.24534	0.58617	0.36	0.21	0.11	0.37	0.90	0.52	0.32045	0.81544	0.67	0.57	1.13	0.43	0.45	0.43	0.25								
RPneg_244.90715_5.238	RP	neg	5.238	244.9072		4	244.9072	0.25994	0.59802	-0.22	-0.25	-0.19	-0.22	-0.21	-0.29	0.06149	0.48401	0.69	1.24	0.66	0.56	0.40	0.69	0.01								
RPneg_244.90804_6.836	RP	neg	6.836	244.9080		4	244.9080	0.16309	0.50787	-0.10	0.08	0.08	0.06	0.12	-0.33	0.02436	0.32908	0.11	0.07	0.17	0.06	0.13	0.11	0.08								
HILICneg_244.9084_0.4	HILIC	neg	0.4	244.9084		4	244.9084	0.26500	0.60158	-0.15	-0.03	0.05	0.00	0.12	-0.43	0.02555	0.33700	0.11	0.11	0.15	0.09	0.09	0.10	0.09								
HILICneg_244.9091_0.52	HILIC	neg	0.52	244.9091		4	244.9091	0.02549	0.27911	-0.17	-0.20	0.16	-0.07	0.01	-0.15	0.07710	0.52368	0.12	-0.07	0.08	0.29	0.14	0.15	0.07								
RPneg_244.92523_2.842	RP	neg	2.842	244.9252		4	244.9252	0.75989	0.90495	0.04	0.17	0.07	0.14	0.17	-0.08	0.13174	0.62676	0.89	0.87	0.84	0.74	0.93	0.92	0.81								
HILICneg_244.9631_6.22	HILIC	neg	6.22	244.9631		4	244.9631	0.77429	0.91097	-0.04	0.34	0.58	0.10	-0.13	-0.63	0.10117	0.57331	0.65	0.53	0.76	1.12	0.27	0.13	-0.31								
RPneg_244.99799_1.907	RP	neg	1.907	244.9980		4	244.9980	0.41072	0.71588	0.21	0.43	0.72	0.61	0.60	-0.05	0.38449	0.84935	0.22	0.26	0.05	0.09	0.69	0.46	0.03								
HILICpos_244.998_0.67	HILIC	pos	0.67	244.9980		4	244.9980	0.05548	0.35743	0.49	0.24	0.60	1.17	0.43	0.06	0.00610	0.16487	1.25	0.42	0.69	0.90	1.23	2.05	0.48								
HILICpos_244.998_0.72	HILIC	pos	0.72	244.9980		4	244.9980	0.13468	0.47388	0.45	0.27	0.11	0.25	1.46	0.00	0.45797	0.88460	1.50	0.38	1.40	3.08	0.29	0.27	0.86								
RPneg_245.01225_4.827	RP	neg	4.827	245.0123		4	245.0123	0.32549	0.65113	-0.20	-0.14	-0.14	-0.16	-0.13	-0.26	0.53244	0.91290	-0.18	0.35	0.37	0.41	0.39	0.30	-0.30								
HILICneg_245.0123_0.42	HILIC	neg	0.42	245.0123		4	245.0123	0.21586	0.55806	0.26	0.08	0.30	0.19	0.35	0.16	0.66787	0.94452	-0.15	0.36	-0.04	-0.16	-0.14	-0.12	-0.22								
RPneg_245.01233_4.696	RP	neg	4.696	245.0123		4	245.0123	0.05638	0.35895	0.30	0.24	0.33	0.21	0.22	1.26	0.62554	0.93416	-0.17	0.05	-0.13	-0.22	-0.19	-0.17	-0.07								
RPneg_245.01236_3.117	RP	neg	3.117	245.0124		4	245.0124	0.20187	0.54681	0.36	0.12	0.35	0.43	0.50	0.13	0.57852	0.94718	-0.07	-0.21	-0.02	0.04	0.39	-0.02	0.22								
HILICneg_245.0384_0.3	HILIC	neg	6.3	245.0384		4	245.0384	0.84671	0.94268	0.03	0.01	0.51	0.09	0.08	-0.38	0.63214	0.37090	0.41	0.66	0.50	1.06	0.24	-0.04	-0.88								
HILICneg_245.0437_4.92	HILIC	neg	4.92	245.0437		4	245.0437	0.25470	0.59313	-0.08	-0.08	0.17	-0.12	0.04	0.48	0.47440	0.89262	-0.18	-0.33	-0.12	0.04	-0.17	-0.07	-0.30								
HILICneg_245.0439_5.43	HILIC	neg	5.43	245.0439		4	245.0439	0.23542	0.57717	-0.11	-0.03	0.16	-0.06	-0.06	-0.27	0.61369	0.93135	-0.01	0.05	0.06	0.01	-0.03	-0.11	0.11								
RPneg_245.04846_5.186	RP	neg	5.186	245.0485		4	245.0485	0.60285	0.83046	0.17	0.11	0.37	0.60	0.15	0.39	0.83059	0.97473	0.04	-0.11	0.02	0.18	0.17	0.10	-0.11								
HILICneg_245.0486_0.5	HILIC	neg	0.5	245.0486		4	245.0486	0.80628	0.92567	0.07	0.04	0.25	0.56	0.07	0.21	0.81613	0.97211	0.05	-0.13	0.01	0.19	0.20	0.15	-0.15								
RPneg_245.04875_3.845	RP	neg	3.845	245.0488		4	245.0488	0.57371	0.81586	-0.11	0.00	-0.15	-0.05	-0.07	0.33	0.07756	0.52475	-0.51	-0.47	-0.51	-0.45	-0.50	-0.47	-0.26								
RPneg_245.04912_4.825	RP	neg	4.825	245.0491		4	245.0491	0.18805	0.53403	-0.27	-0.25	-0.24	-0.09	-0.23	-0.26	0.11585	0.59984	-0.33	-0.31	-0.29	-0.31	-0.30	-0.32	-0.29								
RPpos_245.0502_1.61	RP	pos	1.61	245.0502		4	245.0502	0.55757	0.80831	0.14	0.04	0.12	0.21	0.51	0.04	0.06364	0.48965	0.57	0.34	0.19	0.33	0.67	0.57	0.91								
HILICpos_245.0628_5.63	HILIC	pos	5.63	245.0628		4	245.0628	0.25733	0.59543	0.24	0.04	1.01	0.34	0.24	-0.24	0.06568	0.49518	0.51	0.38	0.77	1.00	0.41	0.00	0.08								
HILICneg_245.0674_0.97	HILIC	neg	0.97	245.0674		4	245.0674	0.02872	0.28894	0.64	0.42	0.37	0.70	1.47	-0.08	0.49246	0.89839	0.07	-0.09	0.21	0.05	-0.01	0.33	0.00								
HILICneg_245.078_1.59	HILIC	neg	1.59	245.0780		4	245.0780	0.52027	0.78772	-0.05	0.11	0.38	0.10	0.20	-0.14	0.32352	0.81679	-0.26	-0.16	-0.07	-0.21	-0.01	-0.37	-0.41								
RPneg_245.0822_6.589	RP	neg	6.589	245.0822		4	245.0822	0.30978	0.63825	-0.25	-0.24	-0.25	-0.27	-0.25	-0.29	0.34179	0.82691	1.26	1.17	1.23	1.17	1.31	1.34	1.42								
RPneg_245.09346_4.832	RP	neg	4.832	245.0935		4	245.0935	0.91853	0.97036	0.05	0.34	0.43	0.31	0.11	-0.55	0.56626	0.92078	0.08	-0.06	0.03	0.01	0.26	0.26	-0.08								
HILICpos_245.0941_0.89	HILIC	pos	0.89	245.0949		4	245.0949	0.96174	0.98629	0.00	0.51	0.43	0.30	0.42	-0.39	0.33889	0.89074	0.91	-0.09	0.02	0.04	0.39	-0.07	-0.42								
HILICneg_245.1028_2.33	HILIC	neg	2.33	245.1028		4	245.1028	0.23423	0.57578	-0.07	-0.03	0.12	0.35	0.08	0.15	0.97636	0.99711	-0.04	-0.15	-0.49	0.10	0.28	-0.12	-0.12								
HILICneg_245.103_4.33	HILIC	neg	4.33	245.1030		4	245.1030	0.14912	0.49169	0.46	-0.24	1.28	0.66	0.50	-0.35	0.30067	0.80244	0.31	0.27	0.14	0.70	0.10	-0.62	0.07								
RPneg_245.10304_11.544	RP	neg	11.544	245.1030		4	245.1030	0.27194	0.60797	-0.29	-0.27	0.32	0.07	-0.09	0.62	0.98283	0.99758	0.01	-0.20	-0.11	-0.03	-0.26	0.33	0.76								
RPneg_245.11429_2.082	RP	neg	2.082	245.1143		4	245.1143	0.56847	0.81331	0.22	0.36	0.60	0.17	0.37	-0.35	0.40901	0.86241	0.18	0.05	-0.06	0.45	0.21	0.43	-0.22								
HILICneg_245.1145_6.16	HILIC	neg	6.16	245.1145		4	245.1145	0.55875	0.80871	0.18	0.26	0.49	0.17	0.31	-0.34	0.52482	0.90985	0.16	0.14	0.25	0.30	0.28	0.20	-0.34								
HILICpos_245.1288_1.38	HILIC	pos	1.38	245.1288		4	245.1288	0.67160	0.86333	-0.26	-0.16	-0.15	-0.27	-0.25	0.00	0.30935	0.80799	0.04	-0.01	-0.01	0.07	0.02	0.13	-0.08								
RPneg_245.12988_2.942	RP	neg	2.942	245.1299		4	245.1299	0.88534	0.95758	-0.23	-0.16	-0.10	-0.21	-0.25	-0.12	0.31064	0.80868	0.04	-0.01	0.02	0.16	0.04	-0.01	-0.03								
HILICneg_245.13_1.44	HILIC	neg	1.44	245.1300		4	245.1300	0.64479	0.84966	-0.23	-0.16	-0.11	-0.15	-0.28	0.01	0.29287	0.79688	0.07	0.05	0.06	0.09	0.05	0.06	0.02								
RPneg_245.13943_6.949	RP	neg	6.949	245.1394		4	245.1394	0.55891	0.80883	-0.24	-0.24	0.11	0.59	0.44	-0.57	0.74964	0.96150	0.09	0.04	-0.09	0.48	0.03	0.02	0.21								
HILICpos_245.1608_4.97	HILIC	pos	4.97	245.1608		4	245.1608	0.72268	0.88677	0.17	0.25	0.30	0.25	0.29	-0.16	0.77489	0.96469	-0.09	-0.08	-0.10</												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo							
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			Post-LD			Ghrelin			Placebo				
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d		
RPneg_246.992_2.412	RP	neg	2.412	246.992			4		0.60890	0.83311	-0.04	-0.15	0.01	0.11	0.02	0.14	0.21095	0.72774	-0.18	-0.36	-0.16	0.06	0.02	-0.10	-0.33									
RPneg_247.01372_2.845	RP	neg	2.845	247.0137			4		0.73647	0.89353	0.03	0.17	0.09	0.11	0.18	-0.07	0.12902	0.62181	0.98	0.52	1.20	0.98	0.86	0.88	0.95									
RPneg_247.02827_2.955	RP	neg	2.955	247.0283			4		0.28167	0.61578	0.94	0.17	0.30	0.45	0.40	0.21	0.06361	0.48965	-0.17	0.33	0.34	0.32	0.17	0.13	-0.09									
HILICneg_247.0407_4.92	HILIC	neg	4.92	247.0407			4		0.11890	0.45511	-0.15	-0.03	0.12	-0.09	-0.11	0.20	0.61481	0.93144	-0.12	-0.28	0.10	-0.06	-0.14	-0.04	-0.45									
HILICneg_247.0409_5.43	HILIC	neg	5.43	247.0409			4		0.11890	0.45511	-0.15	-0.03	0.12	-0.09	-0.11	0.20	0.61481	0.93144	-0.12	-0.28	0.10	-0.06	-0.14	-0.04	-0.45									
RPneg_247.04459_5.186	RP	neg	5.186	247.0446			4		0.61174	0.83397	-0.17	0.13	0.37	0.58	0.14	0.40	0.82505	0.67319	0.05	0.11	0.03	0.18	0.17	0.11	-0.10									
HILICneg_247.0448_0.5	HILIC	neg	0.5	247.0448			4		0.78731	0.91650	0.08	0.03	0.31	0.52	0.07	0.17	0.91021	0.98698	0.02	-0.06	0.05	0.08	0.08	0.14	-0.15									
HILICneg_247.0504_3.4	HILIC	pos	3.4	247.0504			4		0.14566	0.48651	0.04	-0.06	0.01	0.24	0.20	-0.32	0.48177	0.89519	0.18	0.07	0.35	0.04	0.09	0.28	0.09									
HILICpos_247.0579_2.34	HILIC	pos	2.34	247.0579			4		0.19671	0.54132	0.41	0.11	0.51	0.70	0.93	0.05	0.92645	0.98921	0.02	-0.05	0.04	0.05	0.02	-0.06	-0.12									
HILICpos_247.0919_5.71	HILIC	pos	5.71	247.0919			4		0.08406	0.40971	-0.03	-0.02	0.19	0.02	0.02	-0.01	0.45612	0.88432	-0.24	-0.29	-0.28	-0.10	-0.25	-0.19	-0.31									
HILICpos_247.0938_0.55	HILIC	pos	0.55	247.0938			4		0.58349	0.82044	0.17	0.39	0.37	0.38	0.23	-0.14	0.72139	0.95590	-0.15	-0.13	-0.15	-0.01	0.21	-0.48	0.77									
HILICneg_247.0999_1.22	HILIC	neg	1.22	247.0999			4		0.45743	0.74917	0.24	0.26	0.37	0.44	0.75	-0.30	0.68242	0.94835	0.14	0.24	0.32	0.07	-0.02	0.41	0.18									
HILICpos_247.1078_1.88	HILIC	pos	1.88	247.1078			4		0.00457	0.13604	0.57	0.42	0.66	0.61	0.55	1.02	0.45930	0.88492	0.23	0.30	0.08	0.15	0.23	0.33	0.65									
HILICpos_247.1289_6.1	HILIC	pos	6.1	247.1289			4		0.45221	0.74541	0.24	0.25	0.71	0.37	0.18	-0.40	0.26907	0.78122	0.24	0.19	0.42	0.55	0.28	0.10	-0.23									
RPpos_247.1291_2.09	RP	pos	2.09	247.1291			4		0.89778	0.96266	0.05	0.23	0.45	0.01	0.16	-0.21	0.25646	0.77190	0.17	0.16	0.36	0.08	0.07	0.28	0.05									
RPpos_247.1333_7.14	RP	pos	7.14	247.1333			4		0.00111	0.06712	0.51	0.64	0.69	0.80	0.53	0.64	0.22450	0.74134	-0.50	-0.49	-0.58	-0.39	-0.57	-0.21	-0.54									
HILICpos_247.1361_5.12	HILIC	pos	5.12	247.1361			4		0.03160	0.29800	-0.49	0.19	-0.47	0.01	-0.32	-0.62	0.03528	0.38399	-0.43	-0.29	-0.36	0.95	-0.09	0.02	-0.05									
HILICpos_247.1401_7.08	HILIC	pos	7.08	247.1401			4		0.52567	0.79104	0.13	0.12	0.51	-0.15	0.29	-0.44	0.39914	0.85782	0.13	0.27	0.16	0.60	0.26	-0.40	-0.45									
HILICpos_247.1402_5.63	HILIC	pos	5.63	247.1402			4		0.07554	0.39513	0.42	0.33	1.11	0.64	0.37	-0.26	0.00894	0.20091	0.69	0.49	0.77	0.40	0.69	0.72	-0.12									
RPpos_247.1437_1.39	RP	pos	1.39	247.1437			4		0.90931	0.96639	0.23	-0.16	-0.09	-0.20	0.24	-0.08	0.27412	0.78439	0.06	0.00	0.03	0.14	0.06	0.06	-0.06									
RPpos_247.144_2.95	RP	pos	2.95	247.1440			4		0.95657	0.98781	-0.23	-0.15	-0.11	-0.20	-0.24	-0.07	0.31671	0.81306	0.02	0.02	0.00	0.09	0.08	0.08	-0.37									
HILICpos_247.1651_5.77	HILIC	pos	5.77	247.1651			4		0.19451	0.53972	0.17	0.01	0.43	0.22	0.21	-0.30	0.14266	0.64525	1.45	1.32	1.38	1.65	1.66	1.43	0.81									
RPneg_247.1703_9.11	RP	neg	9.11	247.1703			4		0.06590	0.37771	-0.48	-0.10	-0.18	0.11	-0.15	-0.37	0.38850	0.85113	0.16	0.15	0.03	0.19	0.00	0.44	0.21									
HILICneg_247.8095_0.58	HILIC	neg	0.58	247.8095			4		0.90419	0.96465	-0.06	-0.43	-0.08	0.69	0.00	-0.35	0.67143	0.94576	0.32	-0.11	0.07	0.02	0.38	0.06	0.10									
HILICneg_247.8095_4.38	HILIC	neg	4.38	247.8095			4		0.01675	0.23877	-0.61	-0.16	-0.31	0.07	-0.01	0.14	0.45867	0.88479	-0.03	-0.26	-0.28	0.04	-0.03	0.34	0.20									
HILICneg_247.8097_3.12	HILIC	neg	3.12	247.8097			4		0.01164	0.20755	-1.00	-0.23	-0.25	-0.89	-0.33	0.39	0.89542	0.98465	0.04	0.01	-0.26	-0.29	0.39	0.13	0.36									
HILICneg_247.8097_4.28	HILIC	neg	4.28	247.8097			4		0.25218	0.59103	-0.36	-0.11	0.20	0.40	-0.50	-0.16	0.68978	0.94980	0.14	-0.07	0.33	-0.56	-0.24	0.37	0.57									
HILICneg_247.8923_0.92	HILIC	neg	0.92	247.8923			4		0.04004	0.32039	-0.36	-0.31	-0.29	-0.27	-0.37	-0.20	0.05372	0.45934	-0.39	-0.37	-0.40	-0.44	-0.32	-0.38	-0.19									
HILICpos_247.9342_0.95	HILIC	pos	0.95	247.9342			4		0.38331	0.69665	-0.29	0.15	0.16	0.03	-0.02	0.00	0.70881	0.95262	-0.08	-0.06	-0.35	0.01	0.07	-0.18	0.23									
HILICneg_247.9622_0.73	HILIC	neg	0.73	247.9622			4		0.29272	0.62497	0.29	0.10	0.06	0.19	1.06	0.08	0.74504	0.96070	0.26	-0.03	0.19	1.28	0.05	-0.67	0.41									
RPneg_247.9624_1.461	RP	neg	1.461	247.9624			4		0.29887	0.62868	0.26	-0.07	0.42	0.61	0.54	-0.03	0.04847	0.43981	0.59	0.38	0.21	0.87	0.72	0.43	0.39									
RPneg_247.9625_1.049	RP	neg	1.049	247.9627			4		0.60533	0.83171	0.09	0.23	0.13	0.22	0.36	0.05	0.19303	0.70820	0.45	0.14	0.32	0.23	0.36	0.39	1.13									
RPneg_247.9625_1.95	RP	neg	1.95	247.9627			4		0.79995	0.92270	0.05	-0.13	0.05	0.20	0.38	-0.07	0.16472	0.67499	0.42	0.14	0.20	0.27	0.32	0.46	-0.16									
RPneg_247.9628_1.36	RP	neg	1.36	247.9629			4		0.21695	0.55882	0.34	-0.10	0.07	0.41	1.09	0.30	0.57697	0.92304	0.56	-0.02	0.54	1.96	2.38	-0.17	0.57									
RPpos_247.9652_7.41	RP	pos	7.41	247.9652			4		0.87819	0.95444	0.05	0.05	0.21	0.22	0.29	0.14	0.03408	0.37841	0.06	-0.08	0.04	0.04	0.18	0.13	-0.04									
HILICpos_248.0089_5.8	HILIC	pos	5.8	248.0089			4		0.65396	0.85451	0.19	0.26	0.67	0.32	0.03	-0.57	0.03839	0.39930	1.03	0.53	0.83	0.99	0.86	0.96	0.55									
HILICneg_248.0208_5.5	HILIC	neg	5.5	248.0208			4		0.67674	0.86574	-0.14	0.18	0.40	0.01	-0.19	-0.33	0.52203	0.90888	-0.27	-0.36	-0.33	-0.09	-0.01	-0.38	-0.49									
HILICneg_248.0209_6.41	HILIC	neg	6.41	248.0209			4		0.13845	0.47792	-0.30	0.22	-0.07	0.06	-0.10	-0.75	0.40589	0.86031	0.28	0.67	0.53	0.57	-0.19	-0.07	-0.07									
RPpos_248.0348_3.28	RP	pos	3.28	248.0348			4		0.13070	0.46770	0.40	0.07	0.98	0.84	0.91	0.25	0.01156	0.22902	0.67	0.02	0.54	2.23	2.30	0.14	-0.01									
HILICneg_248.0401_1.14	HILIC	neg	1.14	248.0401			4		0.80624	0.92567	0.02	0.16	0.54	-0.22	0.05	1.11	0.28814	0.79407	0.58	0.15	0.07	1.57	0.33	0.98	-0.11									
RPneg_248.05348_1.197	RP	neg	1.197	248.0535			4		0.39088	0.70197	0.23	0.58	1.17	0.56	0.07	-0.59	0.09020	0.55371	0.56	0.27	0.85	1.28	0.92	0.29	-0.33									
HILICneg_248.0541_5.17	HILIC	neg	5.17	248.0541			4		0.37256	0.68842	0.26	0.10	1.03	0.60	0.19	-0.11	0.04730	0.43442	0.64	0.48	0.73	1.25	0.76	0.33	0.12									
HILICpos_248.0586_2.25	HILIC	pos	2.25	248.0586			4		0.35706	0.67621	-0.19	-0.09	-0.13	-0.23	-0.15	-0.46	0.49793	0.90072	-0.17	-0.01	-0.06	-0.20	-0.20	-0.27	-0.47									
RPneg_248.06001_3.284	RP	neg	3.284	248.0600			4		0.14237	0.48216	-0.17	-0.14	-0.18	-0.14	-0.18	-0.08																		

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	Baseline	IV-ASA	BrAc=0	Baseline	Post-LD	IV-AC	p	q	d	d	d	Baseline	Post-LD	IV-AC	Post-AC
HILICneg_249.8084_1.4	HILIC	neg	1.4	249.8084			4		0.71382	0.88345	-0.21	-0.27	0.04	0.64	0.24	0.51	0.00881	0.20018	0.28	0.27	0.33	0.18	0.00	0.41	0.17			
RPneg_249.84343_10.523	RP	neg	10.523	249.8434			4		0.47870	0.76318	0.11	0.30	0.24	0.34	0.17	0.27	0.23618	0.75417	0.11	0.24	0.09	-0.08	0.06	0.17	0.21			
HILICneg_249.8488_0.92	HILIC	neg	0.92	249.8488			4		0.04397	0.33333	-0.33	-0.31	-0.25	-0.32	-0.32	-0.20	0.05786	0.47329	-0.39	-0.41	-0.35	-0.43	-0.33	-0.40	-0.27			
HILICneg_249.9203_4.92	HILIC	neg	4.92	249.9203			4		0.28960	0.62282	0.31	0.12	1.11	0.60	0.28	0.16	0.00999	0.21203	0.37	0.31	0.57	0.76	0.68	-0.18	-0.30			
HILICneg_249.9604_0.88	HILIC	neg	0.88	249.9604			4		0.14295	0.66453	0.21	0.21	1.08	0.62	-0.11	-0.11	0.08770	0.54659	0.42	0.44	0.47	0.13	0.68	0.25	-0.14			
HILICneg_249.9886_0.92	HILIC	neg	0.92	249.9886			4		0.79604	0.91810	0.05	0.10	0.38	0.21	0.16	0.25	0.20109	0.30	0.30	0.30	0.10	0.71	0.76	0.15	-0.52			
RPpos_250.0133_2.86	RP	pos	2.86	250.0133			4		0.74082	0.89599	0.04	0.14	0.17	0.18	0.17	-0.08	0.13498	0.63255	0.83	0.63	0.62	1.07	0.95	0.75	0.45			
HILICneg_250.0194_2.11	HILIC	neg	2.11	250.0194			4		0.28109	0.61533	-0.17	0.06	0.27	-0.10	0.06	0.09	0.08584	0.54277	-0.41	0.07	-0.78	-0.32	0.17	-0.56	-0.25			
HILICneg_250.0213_5.62	HILIC	neg	5.62	250.0213			4		0.18472	0.53107	-0.31	-0.12	0.06	-0.17	-0.29	-0.16	0.05713	0.47024	-0.15	-0.12	-0.12	0.25	-0.31	-0.22	-0.67			
RPneg_250.07216_4.018	RP	neg	4.018	250.0722			4		0.79921	0.92255	-0.02	-0.09	0.15	0.13	-0.06	-0.37	0.42726	0.87209	-0.17	-0.32	-0.27	-0.14	-0.12	-0.02	-0.26			
RPneg_250.07227_7.408	RP	neg	7.408	250.0723			4		0.15616	0.49515	-0.37	-0.49	-0.23	-0.10	-0.16	0.34	0.27878	0.78818	0.14	0.33	-0.06	0.44	-0.16	0.08	0.64			
RPneg_250.08316_5.04	RP	neg	5.04	250.0832			4		0.86938	0.95109	-0.01	0.15	0.24	0.03	0.17	-0.41	0.65001	0.93932	0.35	0.30	0.52	0.60	0.62	0.01	0.17			
RPneg_250.10857_6.865	RP	neg	6.865	250.1086			4		0.04037	0.32140	0.04	0.03	0.30	0.04	0.11	-0.29	0.50834	0.90402	0.71	0.75	0.90	0.76	0.56	0.71	0.56			
RPpos_250.177_11.07	RP	pos	11.07	250.1770			4		0.17906	0.52435	-0.49	-0.16	-0.08	-0.19	-0.41	-0.42	0.52189	0.90888	0.28	1.26	-0.34	0.60	0.00	0.22	0.67			
RPpos_250.1777_7.68	RP	pos	7.68	250.1777			4		0.16108	0.50461	-0.39	-0.02	-0.07	-0.30	-0.33	0.02	0.70860	0.95262	0.13	1.70	-0.20	0.92	-0.15	0.67	-0.27			
RPpos_250.1778_10.97	RP	pos	10.97	250.1778			4		0.25440	0.59296	-0.47	-0.18	-0.05	-0.07	-0.40	-0.57	0.61693	0.93229	0.23	1.50	-0.31	0.39	0.06	0.11	0.68			
HILICneg_250.1787_1.45	HILIC	neg	1.45	250.1787			4		0.71080	0.88198	-0.10	0.48	0.14	0.12	0.10	0.66	0.36902	0.84015	-0.06	-0.23	-0.02	-0.10	0.07	-0.19	0.32			
HILICneg_250.8919_0.92	HILIC	neg	0.92	250.8919			4		0.10865	0.44211	-0.33	-0.38	-0.29	-0.28	-0.36	-0.21	0.08770	0.54659	-0.42	-0.01	-0.43	-0.44	-0.35	-0.41	-0.28			
RPneg_250.8988_6.836	RP	neg	6.836	250.8988			4		0.21693	0.55882	-0.08	0.06	0.08	0.08	0.13	-0.33	0.03181	0.36986	0.10	0.01	0.15	0.09	0.07	0.07	0.07			
RPneg_250.90181_4.677	RP	neg	4.677	250.9018			4		0.31310	0.64115	2.76	2.36	3.04	2.52	2.75	3.98	0.27015	0.78219	1.58	1.54	1.62	1.53	1.55	1.73	1.48			
HILICneg_250.9025_0.4	HILIC	neg	0.4	250.9025			4		0.34912	0.66975	1.35	-0.18	-0.20	2.28	2.71	-0.42	0.35909	0.83442	0.74	1.03	0.24	-0.29	1.06	1.19	1.25			
RPneg_250.92256_2.842	RP	neg	2.842	250.9226			4		0.81134	0.92776	0.06	0.15	0.22	0.18	0.18	-0.14	0.07664	0.52208	0.80	0.89	0.62	0.69	0.94	0.59	0.63			
HILICneg_250.9229_1.76	HILIC	neg	1.76	250.9229			4		0.21193	0.55465	-0.30	0.01	-0.07	-0.39	-0.01	-0.08	0.44742	0.88074	-0.24	0.20	0.01	0.35	-0.30	-0.15	-0.27			
HILICneg_250.9485_1.42	HILIC	neg	1.42	250.9485			4		0.59794	0.82775	-0.19	-0.10	0.23	-0.28	-0.08	2.54	0.29612	0.79892	0.33	0.10	-0.09	0.75	0.59	0.65	-0.17			
HILICneg_250.9816_5.4	HILIC	neg	5.4	250.9816			4		0.00109	0.06696	-1.01	-2.16	-0.21	-0.84	0.20	-0.22	0.06256	0.48642	-1.35	-0.35	-0.83	-1.00	-0.21	-0.34	-0.49			
HILICneg_250.9817_4.21	HILIC	neg	4.21	250.9817			4		0.09878	0.42947	-0.42	0.13	1.02	0.06	-1.24	-0.58	0.48277	0.89601	-0.46	-0.49	-0.17	1.00	-0.42	-1.49	-0.12			
HILICpos_250.9861_0.94	HILIC	pos	0.94	250.9861			4		0.92343	0.97251	-0.05	0.15	0.33	0.24	0.18	-0.43	0.02490	0.33219	-0.29	-0.33	-0.44	-0.28	-0.18	-0.13	-0.51			
HILICneg_251.0052_6.29	HILIC	neg	6.29	251.0052			4		0.88664	0.95842	0.06	0.27	0.73	0.46	-0.13	-0.75	0.00734	0.18073	0.53	0.68	0.66	1.08	0.22	-0.09	-0.54			
HILICneg_251.0153_1.05	HILIC	neg	1.05	251.0153			4		0.37615	0.69119	-0.17	0.11	0.11	0.25	0.19	-0.16	0.86985	0.98059	0.00	0.52	-0.47	-0.64	0.36	0.03	1.80			
HILICneg_251.0285_1.09	HILIC	neg	1.09	251.0285			4		0.05222	0.34975	-0.18	0.12	-0.01	-0.09	-0.17	-0.37	0.10873	0.58854	-0.09	0.40	0.14	-0.56	-0.08	-0.12	-0.10			
HILICpos_251.0368_5.33	HILIC	pos	5.33	251.0368			4		0.29696	0.62784	0.31	0.53	0.51	0.29	0.44	0.41	0.04013	0.40805	0.20	0.09	0.22	0.38	0.12	0.49	-0.49			
HILICneg_251.0383_0.44	HILIC	neg	0.44	251.0383			4		0.50470	0.77921	-0.10	-0.18	-0.08	-0.11	-0.11	0.39	0.34425	0.82805	0.00	-0.08	-0.03	-0.04	0.12	0.04	0.04			
RPneg_251.0385_6.904	RP	neg	6.904	251.0385			4		0.94952	0.98123	0.05	-0.01	0.03	-0.05	0.03	0.49	0.11151	0.83176	0.02	0.02	0.06	-0.01	0.05	0.08	-0.04			
RPneg_251.03857_6.771	RP	neg	6.771	251.0386			4		0.13633	0.47623	0.38	0.09	0.06	0.28	0.71	1.95	0.31157	0.80947	0.06	0.13	0.03	0.04	0.05	-0.17	0.76			
HILICneg_251.0921_5.69	HILIC	neg	5.69	251.0921			4		0.90438	0.96474	0.02	0.04	0.77	0.49	-0.03	-0.60	0.05695	0.46970	0.42	0.34	0.57	0.65	0.46	0.44	-0.47			
HILICneg_251.0923_1.25	HILIC	neg	1.25	251.0923			4		0.00086	0.05908	-0.55	0.11	-0.17	-0.37	-0.24	-0.46	0.96167	0.99553	0.08	0.27	0.18	-0.17	-0.21	0.39	-0.17			
HILICpos_251.0974_5.11	HILIC	pos	5.11	251.0974			4		0.29491	0.62651	0.24	0.43	0.99	0.44	0.15	0.13	0.43172	0.87439	0.18	-0.08	0.32	0.50	0.22	0.01	-0.22			
RPpos_251.1025_2.83	RP	pos	2.83	251.1025			4		0.69030	0.87267	-0.04	0.27	0.70	0.34	-0.31	-0.18	0.88168	0.98281	-0.05	0.44	0.27	0.00	-0.16	-0.24	-0.29			
HILICneg_251.1038_5.49	HILIC	neg	5.49	251.1038			4		0.97219	0.98974	-0.11	-0.38	-0.32	-0.34	0.67	1.07	0.36897	0.84009	0.06	-0.19	0.34	-0.14	-0.28	0.01	0.79			
RPneg_251.10405_1.818	RP	neg	1.818	251.1041			4		0.90573	0.96548	-0.14	-0.37	-0.35	-0.33	0.59	1.07	0.44522	0.88012	0.07	-0.10	0.37	-0.17	-0.31	0.00	0.84			
RPneg_251.11395_3.078	RP	neg	3.078	251.1140			4		0.43010	0.73046	0.23	0.02	0.46	0.52	0.93	0.05	0.84508	0.97699	0.05	-0.01	0.12	0.01	0.18	-0.14	-0.17			
RPpos_251.1282_8.76	RP	pos	8.76	251.1282			4		0.24675	0.58731	-0.18	-0.15	-0.06	-0.21	0.11	0.03	0.20917	0.72517	0.15	0.17	0.18	0.08	0.15	0.14	0.24			
HILICneg_251.1287_0.47	HILIC	neg	0.47	251.1287			4		0.38159	0.69536	0.19	0.06	0.33	0.27	0.48	-0.28	0.48747	0.89788	0.03	-0.17	0.05	0.25	-0.05	0.04	-0.04			
RPneg_251.12903_7.899	RP	neg	7.899	251.1290			4		0.92346	0.97251	0.01	0.12	0.12	0.34	0.31	-0.33	0.71913	0.95532	-0.11	-0.13	-0.15	-0.15	-0.04	-0.08	-0.13			
HILICneg_251.1295_0.61	HILIC	neg	0.61	251.1295			4		0.20824	0.55125	0.34	0.60	0.57	0.39	0.56	-0.41	0.41583	0.86587	0.24	0.24	0.21	0.30	0.36	0.18	0.10			
HILICpos_251.1362_4.35	HILIC	pos	4.35	251.1362			4		0.82683	0.93452	0.11	0.52	0.19	0.05	0.43	-0.25	0.59224	0.92666	-0.29	0.18	-0.30	-0.33	0.26	-0.20	-0.47			
RPneg_251.17674_7.028	RP	neg	7.028	251.1767			4		0.13905	0.47855																		

Feature_ID	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Area Under the Curve (AUC)			IV-Ghrelin or Placebo							
									p	q	d	Baseline	IV-Ghrelin			BrAc=0	p	q	d	Baseline	Post-LD	IV-Ghrelin			BrAc=0			
													d	d	d							d	d	d		d	d	
HILICpos_253.1049_1.42	HILIC	pos	1.42	253.1049			4	253.1049	0.65028	0.85227	-0.10	0.14	-0.14	0.30	0.09	-0.64	0.01216	0.23564	-0.30	0.18	-0.42	-0.43	-0.34	-0.09	-0.12			
RPneg_253.10558_7.875	RP	neg	7.875	253.1056			4	253.1056	0.02886	0.28906	0.52	0.06	0.95	0.83	0.42	0.28	0.00019	0.01968	0.64	0.08	0.46	1.20	0.62	0.61	0.12			
RPneg_253.10809_8.292	RP	neg	8.292	253.1081			4	253.1081	0.05635	0.35895	0.23	0.15	0.34	0.19	0.44	0.43	0.53717	0.91447	0.15	0.27	0.07	0.07	0.11	0.15	0.28			
RPneg_253.1084_7.117	RP	neg	7.117	253.1084			4	253.1084	0.78727	0.91650	0.19	0.32	0.35	0.30	0.73	-0.40	0.42502	0.87066	0.37	0.30	0.19	0.25	0.56	0.38	0.25			
HILICpos_253.1183_5.44	HILIC	pos	5.44	253.1183			4	253.1183	0.96233	0.98640	-0.13	-0.38	-0.33	-0.33	0.61	1.06	0.43447	0.87383	0.04	-0.11	0.39	-0.26	-0.34	0.00	-0.82			
RPpos_253.1185_3.88	RP	pos	3.88	253.1185			4	253.1185	0.56613	0.98789	0.12	-0.39	-0.36	-0.34	0.66	1.08	0.38279	0.88456	0.07	-0.20	0.40	-0.23	-0.40	0.00	0.90			
RPneg_253.11914_2.094	RP	neg	2.094	253.1191			4	253.1191	0.48853	0.77028	-0.21	0.11	0.26	-0.19	-0.39	0.06	0.76898	0.96454	-0.14	-0.21	0.02	0.27	-0.10	-0.67	-0.01			
RPneg_253.11919_2.648	RP	neg	2.648	253.1192			4	253.1192	0.71111	0.88209	-0.14	-0.10	0.35	0.08	-0.44	0.06	0.52042	0.90888	-0.17	-0.43	-0.18	-0.18	-0.10	-0.28	-0.37			
HILICpos_253.1277_2.11	HILIC	pos	2.11	253.1277			4	253.1277	0.26662	0.60291	0.34	0.05	0.55	0.57	0.90	-0.01	0.84310	0.97663	0.05	0.01	0.09	0.02	0.14	-0.07	-0.14			
RPpos_253.1284_2.76	RP	pos	2.76	253.1284			4	253.1284	0.54613	0.80141	0.20	-0.08	0.33	0.58	0.60	-0.26	0.92465	0.98905	0.01	0.15	-0.09	-0.04	0.36	-0.35	-0.28			
RPpos_253.1284_3.09	RP	pos	3.09	253.1284			4	253.1284	0.54223	0.79904	0.17	0.07	0.52	0.34	0.83	-0.15	0.88579	0.98286	0.02	0.05	0.14	-0.04	0.03	-0.12	-0.18			
RPneg_253.13464_11.756	RP	neg	11.756	253.1346			4	253.1346	0.92438	0.97276	0.26	0.54	0.08	0.32	0.49	-0.09	0.23125	0.74808	0.53	0.69	0.39	0.51	0.53	0.34	-0.34			
RPneg_253.13516_6.816	RP	neg	6.816	253.1352			4	253.1352	0.30436	0.63364	0.58	0.58	1.09	0.62	0.88	-0.30	0.08217	0.53444	0.89	1.19	0.95	1.42	0.71	0.55	0.32			
RPneg_253.14421_13.183	RP	neg	13.183	253.1442			4	253.1442	0.05938	0.36509	-0.48	0.39	-0.48	-0.47	0.15	-0.26	0.07224	0.51271	-0.15	0.15	-0.04	-0.46	-0.42	0.03	-0.21			
RPneg_253.14441_5.427	RP	neg	5.427	253.1444			4	253.1444	0.27323	0.60920	-0.38	-0.63	-0.25	0.31	-0.17	-0.20	0.70814	0.95262	0.03	-0.01	0.00	0.15	0.13	0.01	0.06			
HILICpos_253.1548_0.76	HILIC	pos	0.76	253.1548			4	253.1548	0.82598	0.93416	0.02	0.44	1.11	0.05	0.20	0.31	0.19285	0.70820	-0.28	-0.19	0.03	-0.30	-0.02	-0.24	-0.58			
HILICpos_253.1646_0.56	HILIC	pos	0.56	253.1646			4	253.1646	0.78074	0.91419	-0.10	0.20	0.34	0.13	0.05	-0.14	0.87524	0.98217	-0.08	-0.24	0.02	0.09	0.13	-0.39	0.98			
RPneg_253.21735_10.761	RP	neg	10.761	253.2174			4	253.2174	0.00554	0.14617	1.23	-0.02	0.26	0.79	2.99	-0.37	0.90184	0.98571	0.02	-0.11	0.70	-0.26	0.13	-0.39	-0.11			
RPpos_253.6312_9.86	RP	pos	9.86	253.6312			4	253.6312	0.09382	0.42301	-0.38	-0.14	-0.09	-0.29	-0.19	-0.20	0.22188	0.73839	-0.37	-0.28	-0.36	-0.49	-0.28	-0.48	-0.28			
HILICneg_253.8269_0.54	HILIC	neg	0.54	253.8269			4	253.8269	0.75031	0.90553	-0.17	0.21	-0.29	0.47	0.04	0.54	0.93235	0.98984	0.05	0.06	0.18	0.46	0.48	-0.75	-0.18			
HILICneg_253.827_3.88	HILIC	neg	3.88	253.8270			4	253.8270	0.41520	0.71949	-0.23	-0.35	-0.21	-0.04	0.04	0.06	0.89175	0.98433	0.15	0.09	-0.30	-0.04	0.85	-0.08	0.11			
HILICneg_253.8272_3.35	HILIC	neg	3.35	253.8272			4	253.8272	0.10272	0.43541	-0.66	0.00	-0.15	-0.86	-0.49	0.28	0.04278	0.41699	-0.17	-0.19	-0.16	-0.32	-0.52	-0.32	-0.08			
HILICneg_253.9085_4.33	HILIC	neg	4.33	253.9085			4	253.9085	0.81924	0.93123	-0.04	0.13	0.42	0.12	-0.04	0.08	0.00008	0.01031	0.56	0.42	0.50	0.78	0.70	0.43	0.05			
HILICneg_253.915_5.85	HILIC	neg	5.85	253.9150			4	253.9150	0.86683	0.95014	0.10	0.33	0.66	0.22	0.15	-0.58	0.02791	0.34917	1.04	0.77	1.04	1.22	0.92	0.81	0.04			
HILICneg_253.9584_6.98	HILIC	neg	6.98	253.9584			4	253.9584	0.42982	0.73026	0.19	0.18	0.64	0.46	0.02	-0.54	0.01888	0.29205	0.46	0.74	0.51	0.70	0.53	0.09	-0.52			
RPneg_253.96439_6.839	RP	neg	6.839	253.9644			4	253.9644	0.39211	0.70265	-0.04	0.06	-0.06	-0.02	0.20	-0.16	0.33875	0.82468	-0.18	-0.21	-0.06	-0.28	-0.14	-0.20	-0.08			
HILICneg_254.0257_5.85	HILIC	neg	5.85	254.0257			4	254.0257	0.59505	0.99821	0.07	0.43	0.78	0.28	0.10	-0.61	0.05127	0.45143	1.04	0.88	1.08	1.16	0.68	0.80	-0.01			
HILICneg_254.039_3.33	HILIC	neg	3.33	254.0390			4	254.0390	0.50807	0.78121	-0.21	0.02	-0.19	-0.34	0.04	-0.11	0.09600	0.56530	-0.30	0.06	-0.28	0.07	-0.42	-0.31	-0.34			
HILICneg_254.08_1.06	HILIC	neg	1.06	254.0800			4	254.0800	0.05798	0.36246	0.27	0.02	0.86	0.41	0.57	-0.44	0.21457	0.73110	0.53	0.27	0.93	0.66	0.47	0.34	-0.03			
HILICpos_254.1175_1.42	HILIC	pos	1.42	254.1175			4	254.1175	0.18370	0.52989	-0.18	-0.09	-0.15	-0.11	-0.12	0.14	0.14379	0.64604	-0.18	-0.09	-0.25	-0.21	-0.21	-0.17	-0.10			
HILICpos_254.1594_2.34	HILIC	pos	2.34	254.1594			4	254.1594	0.35529	0.67460	0.26	0.01	0.56	0.29	0.99	0.23	0.87434	0.98195	-0.08	-0.12	0.02	-0.09	0.03	-0.35	-0.26			
RPpos_254.2475_11.58	RP	pos	11.58	254.2475			4	254.2475	0.53357	0.79543	0.22	0.24	0.31	0.33	0.33	-0.62	0.65631	0.94046	0.14	0.71	0.41	0.25	-0.10	-0.12	-0.15			
RPpos_254.6229_8.424	RP	pos	8.424	254.6229			4	254.6229	0.08671	0.41277	0.26	0.15	0.35	0.34	0.44	0.39	0.36468	0.83786	-0.21	-0.34	-0.23	-0.14	-0.09	-0.10	-0.13			
HILICneg_254.734_1.45	HILIC	neg	1.45	254.7340			4	254.7340	0.31046	0.63884	-0.44	-0.42	-0.06	-0.53	0.28	0.27	0.80583	0.97022	0.15	0.12	0.57	0.24	0.41	-0.29	0.34			
RPneg_254.92804_3.523	RP	neg	3.523	254.9280			4	254.9280	0.33715	0.66015	0.28	0.11	0.67	0.52	0.39	-0.17	0.00071	0.04547	0.98	-0.26	0.46	1.77	0.48	0.33	0.07			
HILICneg_254.9522_4.12	HILIC	neg	4.12	254.9522			4	254.9522	0.79187	0.91879	0.05	0.23	0.55	0.28	-0.28	-0.51	0.03531	0.38399	0.43	0.36	0.31	1.14	0.44	0.23	0.04			
RPneg_254.97911_5.815	RP	neg	5.815	254.9791			4	254.9791	0.46500	0.75402	-0.13	-0.01	0.00	-0.08	-0.06	-0.25	0.03840	0.39930	0.81	0.89	0.71	0.86	1.01	0.76	1.06			
HILICneg_254.9813_6.39	HILIC	neg	6.39	254.9813			4	254.9813	0.40697	0.71314	-0.23	-0.21	-0.05	-0.20	-0.02	-0.54	0.09645	0.56647	-0.32	-0.27	-0.37	0.06	-0.44	-0.46	-0.26			
HILICneg_254.9816_0.68	HILIC	neg	0.68	254.9816			4	254.9816	0.15621	0.49924	-0.16	-0.17	-0.05	0.16	0.04	-0.20	0.91001	0.98698	0.04	0.30	0.07	-0.10	-0.05	-0.05	0.31			
RPneg_254.99448_3.731	RP	neg	3.731	254.9945			4	254.9945	0.06112	0.36824	0.44	0.44	0.73	0.44	0.36	0.64	0.09793	0.56888	-0.59	-0.71	-0.45	-0.65	-0.50	-0.46	-0.40			
RPneg_254.99661_5.638	RP	neg	5.638	254.9966			4	254.9966	0.56365	0.81093	0.16	0.17	0.21	0.12	0.18	0.75	0.25895	0.77346	-0.16	-0.23	-0.15	-0.17	-0.12	-0.14	-0.19			
HILICneg_255.0348_3.33	HILIC	neg	3.33	255.0348			4	255.0348	0.47844	0.76314	-0.22	0.09	-0.20	-0.26	-0.03	-0.27	0.02920	0.35587	-0.33	-0.08	-0.21	-0.03	-0.28	-0.51	-0.23			
RPneg_255.06577_7.358	RP	neg	7.358	255.0658																								

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo							
									Baseline			IV-ASA			BrAC=0			Baseline			Post-LD			IV-AC			BrAC=0							
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d								
HILICneg_259.0291_0.83	neg		0.83	259.0291			4		0.50215	0.7746	-0.03	0.18	0.13	0.00	0.29	-0.44	0.09664	0.56668	0.05	0.10	0.13	0.17	0.14	-0.19	0.09									
RPneg_259.04648_7.293	RP	neg	7.293	259.0465			4		0.43029	0.73046	0.19	-0.20	0.60	0.21	0.24	0.65	0.04644	0.43175	0.91	-0.08	0.58	1.03	0.64	0.73	0.56									
HILICneg_259.0548_1.26	HILIC	neg	1.26	259.0548			4		0.35804	0.67699	0.33	0.42	0.40	0.52	0.54	-0.53	0.69485	0.95033	-0.07	-0.19	-0.19	0.05	-0.07	0.00	0.00									
RPneg_259.06409_6.973	RP	neg	6.973	259.0641			4		0.22319	0.56570	0.43	0.57	0.62	0.40	0.58	0.32	0.75472	0.96239	0.09	0.04	0.16	0.11	0.08	0.16	0.06									
RPpos_259.0652_2.86	RP	pos	2.86	259.0652			4		0.83361	0.93730	0.07	0.10	0.23	0.13	0.20	-0.14	0.12383	0.61249	0.99	1.32	0.83	0.71	1.18	0.80	0.91									
RPneg_259.07702_2.835	RP	neg	2.835	259.0770			4		0.95562	0.97687	0.02	0.07	0.04	0.13	0.10	-0.23	0.14803	0.65122	0.02	0.05	0.60	1.95	2.39	1.35	1.47									
HILICneg_259.0908_5.85	HILIC	neg	5.85	259.0908			4		0.82499	0.93365	0.12	0.43	0.68	0.17	0.12	-0.42	0.03106	0.36673	1.04	0.86	1.12	1.26	0.87	0.68	-0.18									
HILICpos_259.0927_5.64	HILIC	pos	5.64	259.0927			4		0.13582	0.47549	0.21	0.25	0.47	0.26	0.27	0.00	0.26001	0.77424	0.06	0.00	0.16	0.11	-0.02	0.12	-0.17									
RPneg_259.11877_11.544	RP	neg	11.544	259.1188			4		0.12374	0.45914	-0.60	0.36	-0.28	-0.82	0.21	-0.11	0.62401	0.93343	0.15	-0.57	-0.56	0.40	-0.20	0.51	0.26									
HILICneg_259.1191_0.96	HILIC	neg	0.96	259.1191			4		0.72167	0.88633	0.11	0.25	0.27	0.22	0.49	-0.54	0.39180	0.85219	0.16	-0.08	0.29	0.38	0.27	0.31	-0.74									
RPneg_259.12952_2.936	RP	neg	2.936	259.1295			4		0.06822	0.38071	0.41	0.30	1.39	0.32	0.34	-0.42	0.01088	0.22187	0.36	0.09	0.32	0.99	0.10	0.18	-0.04									
RPneg_259.12961_3.327	RP	neg	3.327	259.1296			4		0.34153	0.66366	0.26	0.35	0.89	0.34	0.25	-0.36	0.05624	0.46853	0.28	0.12	0.21	0.48	0.47	0.40	-0.35									
RPneg_259.12976_4.3	RP	neg	4.3	259.1298			4		0.17169	0.51704	0.90	1.12	1.05	1.02	1.11	0.15	0.38604	0.84995	-0.29	-0.24	-0.28	-0.30	-0.31	-0.29	-0.37									
RPpos_259.6307_10.55	RP	pos	10.55	259.6307			4		0.53620	0.79668	-0.25	-0.20	0.03	0.18	-0.12	-0.30	0.68922	0.94980	0.09	-0.01	-0.12	0.05	0.44	0.33	-0.32									
RPpos_259.6494_10.63	RP	pos	10.63	259.6494			4		0.00261	0.10507	-0.55	0.04	-0.27	-0.44	-0.58	-0.57	0.50581	0.90356	0.00	-0.03	-0.02	0.07	0.25	-0.10	-0.19									
RPneg_259.8158_5.191	RP	neg	5.191	259.8158			4		0.59508	0.82651	0.24	0.12	0.28	0.54	1.37	0.41	0.61002	0.93036	0.02	-0.35	0.18	0.39	-0.18	0.12	-0.33									
RPneg_259.8161_7.43	RP	neg	7.43	259.8161			4		0.34247	0.66427	-0.11	-0.03	0.24	0.07	0.25	-0.25	0.94932	0.99332	-0.09	0.18	-0.10	0.15	-0.16	-0.27	-0.09									
HILICneg_259.8164_3.35	HILIC	neg	3.35	259.8164			4		0.04750	0.34083	-0.76	-0.54	-0.19	-0.33	-0.08	-0.94	0.91383	0.98749	-0.01	0.39	-0.46	0.35	0.04	-0.02	0.02									
HILICneg_259.8165_4.89	HILIC	neg	4.89	259.8165			4		0.74700	0.89220	-0.01	0.45	0.48	-0.15	0.27	0.54	0.12638	0.61763	-0.35	0.06	-0.63	0.05	-0.05	-0.67	-0.60									
HILICneg_259.8167_1.43	HILIC	neg	1.43	259.8167			4		0.06835	0.38074	-0.43	-0.30	0.13	-0.28	0.24	0.14	0.00001	0.00172	0.84	0.78	1.21	1.86	0.30	0.57	0.32									
HILICneg_259.8167_0.53	HILIC	neg	0.53	259.8167			4		0.21750	0.55929	-0.32	0.09	-0.01	0.17	-0.22	0.14	0.22652	0.74354	-0.06	0.56	0.90	-0.29	0.43	-0.45	0.32									
HILICneg_259.8397_7.73	HILIC	neg	7.73	259.8397			4		0.61318	0.83485	-0.22	0.22	0.20	0.04	0.30	-0.44	0.08475	0.54135	-0.32	-0.04	-0.32	-0.09	-0.50	-0.35	-0.26									
RPneg_259.87222_10.523	RP	neg	10.523	259.8722			4		0.42783	0.72875	-0.20	-0.17	-0.07	0.11	-0.04	0.20	0.80734	0.97037	0.01	-0.12	-0.13	0.11	0.07	0.06	-0.08									
HILICneg_259.982_5.41	HILIC	neg	5.41	259.9820			4		0.20590	0.54951	-0.43	-1.22	0.19	-0.18	-0.02	0.00	0.57124	0.92172	-0.13	-0.70	-0.38	0.15	0.19	0.14	-1.68									
RPneg_259.9989_1.596	RP	neg	1.596	259.9989			4		0.68030	0.86724	0.09	0.29	0.04	0.10	0.33	0.03	0.10388	0.57943	0.76	0.34	0.31	0.57	0.74	0.65	1.78									
RPneg_259.99902_1.057	RP	neg	1.057	259.9990			4		0.44699	0.74235	0.16	0.55	0.08	0.12	0.42	0.11	0.10953	0.59030	0.89	0.41	0.56	0.66	0.80	0.70	1.75									
RPneg_259.99921_1.359	RP	neg	1.359	259.9992			4		0.09269	0.42191	0.53	0.45	0.20	0.29	1.41	0.33	0.33631	0.82387	2.01	0.52	1.80	2.73	0.89	0.83	2.15									
RPpos_260.023_5.2	RP	pos	5.2	260.0230			4		0.82781	0.93484	0.03	-0.05	0.06	0.07	0.01	0.70	0.20379	0.71972	0.11	0.08	0.02	0.17	0.20	0.18	0.10									
RPneg_260.0231_1.262	RP	neg	1.262	260.0231			4		0.09846	0.42894	-0.25	0.18	-0.03	0.01	0.14	-0.29	0.03413	0.37871	-0.43	-0.32	-0.44	-0.57	-0.47	-0.63	0.02									
HILICneg_260.0235_5.66	HILIC	neg	5.66	260.0235			4		0.26012	0.59816	-0.20	0.15	0.05	0.13	0.12	-0.19	0.05432	0.46163	-0.44	-0.24	-0.32	-0.47	-0.57	-0.72	-0.02									
RPneg_260.0236_1.96	RP	neg	1.96	260.0236			4		0.37954	0.69411	-0.09	-0.04	0.09	-0.05	-0.22	-0.37	0.04723	0.43433	-0.28	0.20	0.18	0.31	0.39	0.38	0.07									
RPneg_260.02359_2.304	RP	neg	2.304	260.0236			4		0.51397	0.78267	-0.08	0.01	0.10	-0.15	-0.01	-0.58	0.12255	0.61107	0.14	0.09	0.07	0.20	0.27	0.16	-0.09									
RPneg_260.03546_13.187	RP	neg	13.187	260.0355			4		0.56035	0.80938	-0.18	0.61	-0.40	0.24	0.11	-0.45	0.20055	0.71646	-0.17	-0.18	-0.22	0.09	-0.22	-0.14	0.61									
HILICneg_260.0385_6.41	HILIC	neg	6.41	260.0385			4		0.14091	0.48076	-0.33	-0.14	-0.24	-0.20	-0.33	-0.24	0.00167	0.07771	-0.74	-0.81	-0.83	-0.25	-0.71	-0.90	-0.27									
RPneg_260.04498_1.404	RP	neg	1.404	260.0450			4		0.91115	0.96721	0.03	0.25	1.34	0.13	-0.25	-0.68	0.01230	0.23701	0.72	0.65	1.15	1.03	1.01	0.22	-0.15									
HILICneg_260.0632_0.94	HILIC	neg	0.94	260.0632			4		0.72953	0.88980	0.11	0.16	0.38	0.20	0.14	-0.54	0.66393	0.94310	-0.14	-0.15	-0.10	-0.24	-0.13	-0.17	-0.15									
HILICneg_260.0821_2.33	HILIC	neg	2.33	260.0821			4		0.32125	0.64751	0.22	0.02	0.45	0.47	0.38	0.39	0.00095	0.05534	0.20	-0.08	0.20	0.68	0.01	0.28	0.02									
HILICpos_260.1494_2.28	HILIC	pos	2.28	260.1494			4		0.29193	0.62462	0.31	0.36	0.62	0.87	0.34	-0.06	0.04536	0.42712	-0.40	-0.53	-0.33	-0.54	-0.60	-0.54	-0.92									
HILICpos_260.1645_0.41	HILIC	pos	0.41	260.1645			4		0.67928	0.86674	-0.20	-0.31	-0.20	0.14	-0.08	-0.42	0.47248	0.89157	0.04	-0.09	0.15	-0.09	0.36	-0.03	-0.07									
HILICpos_260.1969_6.56	HILIC	pos	6.56	260.1969			4		0.58623	0.82174	-0.14	0.02	0.09	0.08	0.17	-0.62	0.16366	0.67438	-0.38	-0.54	-0.30	-0.23	-0.42	-0.30	-0.41									
RPpos_260.6395_10.17	RP	pos	10.17	260.6395			4		0.02681	0.28244	-0.53	-0.49	-0.23	-0.52	-0.36	-0.14	0.34851	0.83042	-0.15	-0.30	0.02	-0.21	-0.18	-0.07	-0.06									
RPpos_260.6573_10.71	RP	pos	10.71	260.6573			4		0.15862	0.50183	-0.40	0.20	-0.05	-0.38	-0.21	-0.34	0.59926	0.92780	-0.01	0.14	0.06	0.00	0.01	-0.06	-0.11									
RPpos_260.6784_4.3	RP	pos	4.3	260.6784			4		0.62642	0.84168	0.02	0.03	0.26	-0.16	0.13	0.28	0.59145	0.92661	-0.12	-0.25	-0.17	-0.27	0.12	-0.23	-0.31									
HILICpos_260.6976_6.22	HILIC	pos	6.22	260.6976			4		0.00423	0.13262	-0.35	0.00	0.03	-0.29	-0.04	-0.41	0.81237	0.97																

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-LD				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_262.01749_4.894	RP	neg	4.894	262.0175			4		0.27417	0.60955	0.08	0.12	0.11	0.06	0.12	0.48	0.25086	0.76715	-0.22	-0.28	-0.22	-0.11	-0.23	-0.17	-0.35			
HILICneg_262.0336_0.96	HILIC	neg	0.96	262.0336			4		0.25743	0.59559	-0.22	0.06	-0.05	-0.05	-0.21	-0.60	0.35514	0.83325	0.11	0.22	0.26	-0.06	0.27	-0.05	0.28			
RPpos_262.0869_7.9	RP	pos	7.9	262.0869			4		0.28232	0.61644	-0.27	-0.25	-0.24	-0.26	-0.20	-0.33	0.26254	0.77497	-0.34	-0.08	-0.29	-0.48	-0.18	-0.39	0.11			
HILICpos_262.1284_5.49	HILIC	pos	5.49	262.1284			4		0.74312	0.89730	-0.11	0.22	0.70	-0.16	-0.20	1.16	0.89362	0.98445	0.09	-0.28	-0.16	1.38	0.14	0.16	-0.33			
HILICpos_262.1284_5.91	HILIC	pos	5.91	262.1284			4		0.71886	0.88537	0.10	0.06	0.57	0.11	0.04	-0.36	0.52125	0.98888	0.15	-0.08	0.30	0.43	0.18	-0.17	-0.27			
HILICpos_262.1433_0.08	HILIC	pos	0.08	262.1433			4		0.19491	0.54105	0.01	-0.01	-0.11	0.11	0.06	-0.12	0.41257	0.86459	-0.15	0.01	-0.09	0.12	-0.05	-0.14	-0.07			
HILICpos_262.1643_3.1	HILIC	pos	3.1	262.1643			4		0.57026	0.81414	0.14	0.25	0.41	-0.03	0.37	1.68	0.63783	0.93628	0.13	0.28	0.57	0.51	0.14	0.04	-0.41			
HILICpos_262.1643_3.31	HILIC	pos	3.31	262.1643			4		0.46951	0.75681	0.27	0.49	0.86	0.16	0.44	0.02	0.74879	0.96125	-0.14	-0.38	-0.16	1.43	0.27	0.17	-0.39			
HILICpos_262.1798_0.45	HILIC	pos	0.45	262.1798			4		0.83461	0.93788	-0.09	0.02	-0.03	0.40	-0.02	-0.57	0.51353	0.90648	-0.04	-0.03	0.08	-0.10	0.07	-0.23	0.05			
RPneg_262.62048_6.927	RP	neg	6.927	262.6205			4		0.33220	0.65619	-0.12	-0.08	-0.02	-0.08	0.06	-0.28	0.65835	0.94137	-0.09	-0.16	-0.06	-0.15	-0.11	-0.05	-0.04			
RPpos_262.6368_9.87	RP	pos	9.87	262.6368			4		0.12094	0.45664	-0.36	-0.04	-0.07	-0.32	-0.22	-0.20	0.14476	0.64786	-0.46	-0.54	-0.53	-0.75	-0.42	-0.69	-0.26			
RPneg_262.84021_9.745	RP	neg	9.745	262.8402			4		0.34836	0.66895	-0.09	0.02	0.03	-0.12	0.03	-0.19	0.78837	0.96713	-0.07	-0.19	0.23	0.00	-0.23	-0.16	-0.13			
RPneg_262.92194_3.523	RP	neg	3.523	262.9219			4		0.11307	0.44902	0.35	0.46	1.05	0.57	0.20	-0.07	0.02195	0.24372	0.73	0.83	0.51	0.20	0.89	0.44	0.46			
RPneg_262.92285_3.261	RP	neg	3.261	262.9229			4		0.65239	0.85359	0.13	0.40	1.02	0.23	0.03	0.25	0.00014	0.01536	0.84	0.21	0.58	1.61	1.08	0.32	-0.03			
HILICneg_262.9372_0.48	HILIC	neg	0.48	262.9372			4		0.24225	0.58300	-0.29	-0.14	-0.24	-0.10	-0.10	-0.28	0.39579	0.85478	-0.16	-0.03	-0.18	0.00	-0.26	-0.22	-0.08			
HILICneg_262.9456_3.33	HILIC	neg	3.33	262.9456			4		0.53071	0.79368	0.21	0.16	0.70	0.34	0.51	0.35	0.11936	0.60572	0.74	0.14	0.59	0.06	1.96	0.33	0.45			
RPneg_263.00165_6.452	RP	neg	6.452	263.0017			4		0.82204	0.93238	0.00	0.00	0.04	-0.03	0.03	0.41	0.19155	0.70702	0.09	0.08	0.12	0.07	0.12	0.16	0.04			
HILICpos_263.0133_7.71	HILIC	pos	7.71	263.0133			4		0.32736	0.65211	-0.10	0.33	0.15	-0.05	-0.18	-0.08	0.69394	0.95908	0.02	0.20	0.06	-0.09	-0.11	0.10	0.09			
RPneg_263.0188_6.555	RP	neg	6.555	263.0188			4		0.22237	0.56478	0.06	0.05	0.10	-0.08	0.08	0.49	0.07023	0.50745	0.04	0.02	0.05	-0.01	0.01	0.13	0.00			
RPneg_263.02292_1.132	RP	neg	1.132	263.0229			4		0.54484	0.80076	0.11	-0.02	0.13	0.04	-0.05	-0.34	0.79050	0.96713	0.22	0.15	0.17	0.23	0.37	0.19	0.17			
HILICneg_263.0233_1.07	HILIC	neg	1.07	263.0233			4		0.38753	0.69968	0.08	-0.03	0.54	0.26	0.20	-0.18	0.28789	0.79407	0.34	0.15	0.53	0.42	0.46	0.36	-0.07			
HILICneg_263.0384_3.8	HILIC	neg	3.8	263.0384			4		0.20419	0.54850	-0.16	0.09	0.01	0.25	-0.35	0.25	0.64712	0.93869	-0.02	-0.26	0.31	-0.21	-0.03	-0.40	0.40			
HILICneg_263.0437_0.96	HILIC	neg	0.96	263.0437			4		0.36540	0.68294	0.25	0.30	0.50	0.27	0.63	0.72	0.44685	0.88066	0.23	0.15	0.10	0.30	0.34	0.52	0.08			
RPneg_263.05389_4.86	RP	neg	4.86	263.0539			4		0.03199	0.29447	0.94	0.02	1.01	1.24	1.23	-0.18	0.46664	0.88820	0.28	-0.02	0.02	0.36	0.49	0.58	-0.20			
RPpos_263.0887_7.72	RP	pos	7.72	263.0887			4		0.36643	0.68352	-0.05	0.01	0.13	-0.09	0.04	-0.29	0.86297	0.97989	0.04	-0.03	0.09	0.06	0.01	0.11	0.02			
RPneg_263.12906_7.14	RP	neg	7.14	263.1291			4		0.00068	0.05096	0.60	0.53	0.89	0.80	0.76	0.49	0.15572	0.66213	-0.53	-0.48	-0.45	-0.54	-0.54	-0.45	-0.61			
HILICpos_263.1363_0.79	HILIC	pos	0.79	263.1363			4		0.67292	0.86385	-0.19	0.59	0.80	-0.01	-0.16	-0.06	0.01640	0.27417	-0.53	-0.24	-0.27	-0.41	-0.32	-0.45	-0.63			
HILICpos_263.1388_4.21	HILIC	pos	4.21	263.1388			4		0.22949	0.57111	0.37	0.27	1.17	0.42	0.53	-0.22	0.26157	0.77484	0.25	0.07	0.41	0.35	0.30	0.00	-0.03			
RPpos_263.1393_3.85	RP	pos	3.85	263.1393			4		0.33123	0.65531	0.37	0.26	0.72	0.55	0.60	0.40	0.49757	0.90072	-0.16	-0.21	0.13	-0.19	-0.12	-0.34	-0.21			
HILICpos_263.1848_0.42	HILIC	pos	0.42	263.1848			4		0.91298	0.96799	-0.01	0.25	0.43	0.04	0.13	-0.19	0.88415	0.98281	-0.11	-0.13	0.24	-0.17	-0.31	-0.37	0.70			
RPpos_263.2005_9.21	RP	pos	9.21	263.2005			4		0.78582	0.91598	-0.04	-0.01	-0.05	-0.07	0.14	0.84	0.95326	0.99398	-0.02	-0.08	0.11	-0.19	-0.22	0.52	-0.20			
RPpos_263.2374_10.61	RP	pos	10.61	263.2374			4		0.53114	0.79398	0.20	0.09	0.37	0.75	0.70	-0.29	0.17964	0.69482	0.24	0.31	-0.03	0.29	0.06	0.55	0.21			
RPneg_263.6279_8.597	RP	neg	8.597	263.6279			4		0.00371	0.12445	-0.69	-0.34	0.91	0.77	0.52	-0.06	0.33947	0.82533	0.04	-0.13	0.03	-0.02	0.42	0.10	-0.15			
RPneg_263.6279_8.773	RP	neg	8.773	263.6279			4		0.02617	0.28103	0.12	-0.04	0.30	0.09	0.20	0.09	0.91455	0.98766	-0.04	0.01	-0.07	0.10	0.04	0.01	-0.08			
HILICneg_263.889_3.36	HILIC	neg	3.36	263.8890			4		0.81747	0.93045	-0.07	-0.33	-0.15	0.23	0.31	-0.57	0.68702	0.94924	0.20	0.07	-0.43	-0.18	0.51	0.27	1.02			
HILICneg_263.8891_4.88	HILIC	neg	4.88	263.8891			4		0.35200	0.67184	-0.11	0.41	0.26	-0.18	-0.03	0.56	0.08019	0.53038	-0.37	0.20	-0.71	-0.19	0.02	-0.82	-0.51			
HILICneg_263.8895_0.42	HILIC	neg	0.42	263.8895			4		0.31876	0.64531	0.30	-0.22	0.04	0.81	0.69	-0.16	0.88519	0.98281	0.04	0.05	0.44	0.17	-0.52	0.01	-0.12			
HILICneg_263.8895_4.33	HILIC	neg	4.33	263.8895			4		0.26279	0.60008	-0.13	0.18	0.39	-0.16	-0.04	-0.27	0.00366	0.12395	0.29	0.23	0.29	0.22	0.48	0.17	0.01			
HILICneg_263.918_5.69	HILIC	neg	5.69	263.9180			4		0.75993	0.90495	0.07	0.18	0.32	0.73	0.02	-0.11	0.09848	0.56969	0.69	0.81	0.77	0.65	0.74	0.59	-0.01			
HILICpos_263.9431_1.46	HILIC	pos	1.46	263.9431			4		0.67928	0.86674	-0.01	0.33	0.67	0.29	0.10	-0.40	0.00046	0.03499	0.59	0.22	0.68	0.86	0.51	0.50	-0.15			
HILICpos_263.9993_0.94	HILIC	pos	0.94	263.9993			4		0.52868	0.79258	0.10	0.09	0.36	0.27	0.25	-0.37	0.01024	0.21513	-0.44	-0.51	-0.57	-0.38	-0.28	-0.42	-0.51			
HILICpos_264.0037_6.18	HILIC	pos	6.18	264.0037			4		0.23496	0.57650	0.23	0.32	0.55	0.11	0.59	-0.40	0.39317	0.85343	0.28	-0.17	0.36	0.69	0.26	-0.29	-0.21			
RPneg_264.03363_5.413	RP	neg	5.413	264.0336			4		0.49727	0.77455	0.57	0.65	0.49	0.46	0.73	1.03	0.58927	0.92655	0.29	0.26	0.01	-0.04	0.35	0.14	0.67			
HILICneg_264.0409_6.23	HILIC	neg	6.23	264.0409			4		0.86648	0.94999	0.06	0.54	0.45	-0.19	0.14	0.74	0.90979	0.98698	-0.04	-0.03	-0.22							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo							
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			Post-LD			IV-AC			Placebo				
									p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d		
RPpos_265.144_7.14	RP	pos	7.14	265.1440		4		0.00062	0.04750	0.59	0.53	0.80	0.84	0.81	0.64	0.20295	0.71904	-0.49	-0.58	-0.53	-0.48	-0.39	-0.30	-0.54										
HILICneg_265.1441_0.6	HILIC	neg	0.6	265.1441		4		0.40664	0.71296	0.24	0.46	0.46	0.30	0.43	-0.48	0.04697	0.43342	0.56	0.34	0.51	0.85	0.67	0.39	0.47										
RPneg_265.14413_8.285	RP	neg	8.285	265.1441		4		0.00012	0.02071	1.17	0.62	0.76	1.10	1.14	0.78	0.08507	0.54143	0.40	-0.19	0.09	0.23	0.82	0.25	1.31										
RPneg_265.1474_8.611	RP	neg	8.611	265.1474		4		0.97662	0.99592	0.01	-0.36	-0.11	0.65	0.24	-0.36	0.13271	0.62919	0.61	0.38	0.41	0.61	0.06	-0.26	-1.14										
HILICneg_265.1479_5.69	HILIC	neg	5.69	265.1479		4		0.42996	0.73035	0.13	0.17	0.84	0.18	0.22	-0.12	0.05523	0.45749	0.39	0.59	0.67	0.51	0.23	0.42	-0.82										
HILICneg_265.1484_0.96	HILIC	neg	0.96	265.1484		4		0.66930	0.86194	0.13	0.27	0.23	0.27	0.58	-0.22	0.75012	0.86174	0.2	0.48	0.03	0.29	-0.08	-0.36											
HILICneg_265.1485_0.45	HILIC	neg	0.45	265.1485		4		0.02210	0.26505	0.87	0.64	1.24	0.50	0.42	0.55	0.07879	0.52748	1.00	1.77	1.20	0.48	0.90	1.27	-0.12										
HILICneg_265.1544_0.64	HILIC	pos	0.64	265.1544		4		0.73918	0.89484	-0.14	0.40	0.92	-0.32	-0.16	0.63	0.27455	0.78470	-0.29	-0.32	-0.06	-0.42	0.18	-0.56	-0.26										
RPpos_265.1545_2.13	RP	pos	2.13	265.1545		4		0.40293	0.71088	-0.18	-0.16	-0.04	-0.21	-0.18	-0.01	0.94374	0.99197	0.02	0.09	0.04	0.10	-0.01	0.00	0.06										
HILICneg_265.1551_0.72	HILIC	pos	0.72	265.1551		4		0.83179	0.93648	-0.10	0.23	0.57	0.08	0.05	0.20	0.00037	0.03077	-0.54	-0.25	-0.41	-0.68	-0.02	-0.61	-0.58										
HILICneg_265.1645_0.42	HILIC	pos	0.42	265.1645		4		0.75062	0.90609	0.11	0.45	0.44	0.17	0.19	0.04	0.42174	0.86946	-0.42	-0.12	-0.18	-0.37	-0.09	-0.52	0.55										
RPpos_265.1799_8.77	RP	pos	8.77	265.1799		4		0.21035	0.55344	-0.28	0.57	0.07	-0.18	-0.12	0.15	0.97459	0.99690	-0.02	-0.17	0.24	0.31	-0.34	-0.52	0.55										
HILICneg_265.8972_4.33	HILIC	neg	4.33	265.8972		4		0.53011	0.79344	-0.06	0.38	0.38	-0.15	0.08	0.05	0.01886	0.29189	0.32	0.10	0.24	0.36	0.42	0.15	0.25										
HILICneg_265.915_5.69	HILIC	neg	5.69	265.9150		4		0.68242	0.86845	0.09	0.18	0.27	0.88	0.03	0.03	0.07987	0.53009	0.74	0.57	0.83	0.86	0.81	0.66	-0.02										
HILICneg_265.9404_1.46	HILIC	neg	1.46	265.9404		4		0.69182	0.87346	0.00	0.17	0.69	0.55	0.02	-0.30	0.00128	0.06595	0.63	0.25	0.57	0.91	0.54	0.49	0.18										
RPneg_265.98853_1.311	RP	neg	1.311	265.9885		4		0.90906	0.96628	0.02	-0.17	1.11	0.20	-0.21	-0.45	0.00167	0.07771	0.76	0.33	1.56	1.46	1.01	0.25	-0.55										
RPneg_265.98859_1.403	RP	neg	1.403	265.9886		4		0.67693	0.86589	0.10	0.14	1.23	0.16	0.18	-0.57	0.01659	0.27619	0.77	0.50	1.43	1.27	0.71	0.22	-0.63										
HILICpos_265.9942_0.94	HILIC	pos	0.94	265.9942		4		0.56745	0.81268	0.09	0.14	0.29	0.27	0.30	0.32	0.00803	0.19045	-0.41	-0.49	-0.53	-0.33	-0.28	-0.38	-0.59										
HILICneg_266.0042_6.41	HILIC	neg	6.41	266.0042		4		0.18278	0.52858	-0.31	-0.17	-0.12	-0.18	-0.37	-0.17	0.00176	0.07662	-0.73	-0.88	-0.83	-0.38	-0.77	-0.77	-0.19										
RPneg_266.0112_2.12	RP	pos	2.12	266.0112		4		0.63117	0.84979	-0.14	0.11	1.20	0.02	-0.30	-0.69	0.00264	0.10237	1.38	0.74	1.86	2.14	1.77	1.60	0.21										
HILICneg_266.0372_5.62	HILIC	neg	5.62	266.0372		4		0.12817	0.46431	-0.37	-0.20	0.07	0.19	0.28	-0.12	0.01374	0.24969	-0.18	-0.13	-0.13	0.24	-0.25	-0.43	-0.53										
HILICneg_266.0885_4.94	HILIC	neg	4.94	266.0885		4		0.69193	0.87350	-0.12	-0.05	0.05	0.04	-0.18	-0.81	0.80358	0.96983	-0.11	-0.11	-0.10	0.03	-0.07	-0.15	-0.58										
RPneg_266.08908_1.592	RP	neg	1.592	266.0891		4		0.95386	0.98326	-0.13	0.09	0.07	-0.12	-0.22	-0.53	0.10201	0.57547	-0.29	-0.27	-0.12	-0.37	-0.27	-0.18	-0.62										
HILICneg_266.0897_1.37	HILIC	neg	1.37	266.0897		4		0.68796	0.87133	-0.19	0.04	-0.01	-0.16	-0.35	-0.40	0.01955	0.29532	-0.39	-0.31	-0.18	-0.50	-0.35	-0.38	-0.70										
HILICpos_266.1131_1.64	HILIC	pos	1.64	266.1131		4		0.18196	0.52785	0.38	0.49	0.63	0.46	0.47	-0.10	0.21011	0.72674	0.77	1.01	0.97	0.84	0.93	0.56	-0.05										
HILICpos_266.1384_1.38	HILIC	pos	1.38	266.1384		4		0.96090	0.98616	-0.05	-0.03	0.04	0.05	0.05	0.60	0.01163	0.22985	-0.35	-0.34	-0.33	-0.40	-0.28	-0.28	-0.51										
RPpos_266.1392_3.24	RP	pos	3.24	266.1392		4		0.58579	0.82162	0.06	0.05	0.17	0.21	0.07	0.48	0.02735	0.34682	-0.34	-0.45	-0.41	-0.31	-0.17	-0.27	-0.51										
HILICpos_266.1521_5.92	HILIC	pos	5.92	266.1521		4		0.54863	0.80347	-0.11	0.42	0.34	0.10	-0.22	-0.15	0.17796	0.69252	0.35	0.27	0.39	0.54	0.26	0.19	0.01										
HILICpos_266.1599_0.69	HILIC	pos	0.69	266.1599		4		0.37227	0.68818	-0.11	-0.15	0.56	-0.09	0.39	-0.04	0.00009	0.01083	0.57	0.91	0.33	0.46	0.91	0.12	0.26										
HILICpos_266.16_0.45	HILIC	pos	0.45	266.1600		4		0.09416	0.42314	-0.47	0.05	-0.20	-0.29	0.30	-0.14	0.94916	0.99332	-0.05	0.71	-0.28	-0.29	0.18	-0.03	-0.25										
RPpos_266.1602_4.46	RP	pos	4.46	266.1602		4		0.43913	0.73636	-0.25	-0.02	0.70	-0.15	0.56	0.35	0.99331	0.99904	-0.08	0.58	-0.01	-0.18	-0.08	-0.10	-0.29										
RPpos_266.1605_3.98	RP	pos	3.98	266.1605		4		0.11447	0.45016	-0.54	-0.01	0.00	-0.71	0.09	0.21	0.28033	0.78924	-0.16	0.22	-0.71	0.30	-0.20	-0.09	-0.64										
RPpos_266.1721_10.97	RP	pos	10.97	266.1721		4		0.13623	0.44373	-0.30	0.17	0.06	0.00	-0.37	-0.52	0.65315	0.91447	0.30	1.35	-0.31	0.54	0.15	0.16	0.60										
RPpos_266.1723_11.07	RP	pos	11.07	266.1723		4		0.11336	0.44915	-0.57	-0.15	-0.12	-0.22	-0.44	-0.44	0.58774	0.92614	0.34	1.23	-0.31	0.54	0.05	0.19	0.76										
RPpos_266.1723_7.59	RP	pos	7.59	266.1723		4		0.04581	0.33704	-0.71	-0.14	-0.04	-0.32	-0.50	-0.15	0.91592	0.98777	0.04	1.98	-0.25	0.75	-0.33	0.35	0.31										
HILICpos_266.1734_5.64	HILIC	pos	5.64	266.1734		4		0.80236	0.92378	-0.10	0.00	0.76	0.21	-0.09	-0.82	0.01432	0.25496	0.34	0.63	0.00	0.59	0.39	0.18	0.07										
HILICpos_266.2324_0.4	HILIC	pos	0.4	266.2324		4		0.49959	0.77605	0.20	0.22	0.12	0.39	0.46	0.21	0.13511	0.63284	0.70	0.77	1.33	1.09	0.22	0.58	0.20										
RPpos_266.2327_8.11	RP	pos	8.11	266.2327		4		0.87024	0.95133	0.06	0.32	0.26	0.44	0.09	-0.07	0.24624	0.76227	-0.47	-0.25	-0.13	0.03	-0.77	-0.22	-0.27										
RPpos_266.6387_10.04	RP	pos	10.04	266.6387		4		0.20290	0.54743	-0.20	0.10	0.18	-0.11	-0.01	-0.23	0.77591	0.96495	0.10	0.15	0.11	0.09	0.16	0.08	0.30										
RPpos_266.6396_9.9	RP	pos	9.9	266.6396		4		0.17419	0.51976	-0.19	0.12	-0.05	0.01	-0.08	-0.31	0.52655	0.91004	0.22	0.26	0.22	0.16	0.27	0.12	0.40										
HILICneg_266.7616_1.46	HILIC	neg	1.46	266.7616		4		0.34532	0.66653	-0.27	0.11	-0.10	0.11	-0.06	0.35	0.97870	0.99726	-0.01	0.48	-1.18	-0.51	0.28	0.62	0.08										
HILICneg_266.8267_0.53	HILIC	neg	0.53	266.8267		4		0.41836	0.72212	-0.15	0.05	0.23	0.34	0.15	0.58	0.92274	0.98898	-0.03	0.08	-0.29	-0.06	0.08	0.16	-0.07										
RPneg_266.83447_9.747	RP	neg	9.747	266.8345		4		0.14913	0.49169	-0.14	-0.02	-0.05	-0.33	0.09	-0.15	0.39965	0.85797	-0.13	-0.14	-0.07	-0.15	-0.15	-0.20	-0.06										
HILICneg_266.8883_0.41	HILIC	neg	0.41	266.8883		4		0.61070	0.83369	-0.10	0.09	0.12	0.17	0.24	-0.05	0.25191	0.76793	0.12	0.22	0.15	-0.01	0.16	0.21	0.07										
RPneg_266.88846_8.866	RP	neg	8.866	266.8885		4		0.66697	0.86056	-0.10																								

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-AC				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICneg_268.9194_1.42	HILIC	neg	1.42	268.9194			4		0.75661	0.90369	-0.13	-0.06	0.47	-0.30	-0.05	1.20	0.45611	0.88432	0.19	-0.15	0.08	0.56	0.11	0.95	0.88	0.46		
HILICneg_268.9636_4.33	HILIC	neg	4.33	268.9636			4		0.99677	0.99873	0.03	0.20	0.45	0.00	0.11	-0.05	0.00133	0.06754	0.34	0.30	0.32	0.45	0.43	0.31	-0.25			
RPneg_268.9778_1.907	RP	neg	1.907	268.9778			4		0.49443	0.77345	0.20	0.31	0.84	0.56	0.75	0.13	0.13897	0.63902	0.24	0.40	0.30	-0.46	0.48	0.28	0.14			
HILICpos_269.0432_0.86	HILIC	pos	0.86	269.0432			4		0.11483	0.45035	0.33	0.40	1.32	0.51	0.22	-0.33	0.03080	0.36605	0.66	-0.25	0.43	0.11	0.95	0.88	0.46			
RPneg_269.0483_7.027	RP	neg	7.027	269.0483			4		0.14248	0.56115	-0.13	-0.02	-0.06	-0.11	0.61	0.65	0.02446	0.79142	-0.08	-0.08	0.12	-0.16	-0.11	-0.03	-0.28			
HILICneg_269.0541_3.34	HILIC	neg	3.34	269.0541			4		0.71499	0.88406	0.02	0.09	0.13	0.10	0.15	0.54	0.90973	0.95869	0.30	-0.16	-0.06	0.66	0.59	0.06	0.13			
RPneg_269.0778_7.604	RP	neg	7.604	269.0778			4		0.53721	0.79713	-0.03	0.03	0.03	-0.03	0.04	-0.13	0.33455	0.82286	0.50	0.59	0.51	0.50	0.52	0.42	0.56			
RPneg_269.10114_7.681	RP	neg	7.681	269.1011			4		0.67760	0.86612	-0.13	0.19	0.18	0.19	0.26	0.14	0.08982	0.55360	-0.31	-0.29	-0.05	0.15	-0.30	-0.32	-0.30			
HILICpos_269.124_5.97	HILIC	pos	5.97	269.1240			4		0.13810	0.47769	0.16	0.14	0.33	0.18	0.27	0.63	0.02294	0.31915	0.05	-0.10	0.02	0.03	0.03	0.08	0.24			
HILICneg_269.1309_2.33	HILIC	neg	2.33	269.1309			4		0.65493	0.85511	0.01	0.07	0.25	0.44	0.07	0.05	0.20631	0.72265	0.01	-0.31	0.08	-0.04	0.11	0.21	-0.12			
HILICneg_269.1315_0.96	HILIC	neg	0.96	269.1315			4		0.61007	0.83350	-0.14	0.22	-0.15	0.01	0.37	-0.42	0.40185	0.85869	-0.13	-0.32	-0.10	0.07	-0.10	-0.10	-0.54			
RPpos_269.1387_8.76	RP	pos	8.76	269.1387			4		0.40435	0.71182	-0.14	-0.11	-0.04	-0.14	0.09	-0.01	0.25401	0.76928	0.14	0.12	0.12	0.06	0.11	0.16	0.30			
RPneg_269.1387_11.543	RP	neg	11.543	269.1388			4		0.22424	0.56674	-0.19	-0.34	-0.21	0.31	-0.08	0.70	0.81109	0.97162	-0.10	-0.22	0.06	-0.04	-0.43	0.16	0.45			
RPneg_269.1394_4.696	RP	neg	4.696	269.1394			4		0.43561	0.73382	0.11	-0.13	0.32	0.43	0.09	-0.37	0.22914	0.74609	0.39	-0.13	0.16	0.40	0.51	0.57	0.42			
HILICneg_269.1502_1.35	HILIC	neg	1.35	269.1502			4		0.76632	0.90846	-0.03	-0.03	0.10	-0.03	0.16	-0.11	0.00041	0.03231	0.90	0.91	0.76	0.75	1.11	0.83	0.66			
RPneg_269.15067_5.791	RP	neg	5.791	269.1507			4		0.84118	0.94031	-0.01	-0.09	0.10	0.03	0.24	-0.08	0.00112	0.06122	0.78	0.87	0.78	0.75	0.93	0.45	0.87			
RPneg_269.151_6.182	RP	neg	6.182	269.1510			4		0.09771	0.42769	0.79	-0.26	0.59	0.61	1.63	0.76	0.7894	0.52781	0.62	0.56	0.64	0.61	0.53	0.25	0.73			
HILICpos_269.1613_5.64	HILIC	pos	5.64	269.1613			4		0.18739	0.53394	0.24	0.24	0.90	0.01	0.27	1.24	0.20006	0.71591	0.20	0.01	0.38	0.59	0.16	0.30	-0.34			
RPneg_269.21179_10.3	RP	neg	10.3	269.2118			4		0.45933	0.75064	-0.18	0.26	0.32	0.17	0.61	-0.35	0.79066	0.96727	0.02	-0.02	-0.45	-0.16	0.16	0.31	0.89			
RPneg_269.21228_10.037	RP	neg	10.037	269.2123			4		0.17073	0.51587	-0.27	-0.19	-0.36	-0.06	0.35	-0.34	0.43905	0.87778	0.28	0.43	1.23	1.13	0.54	0.23	-0.14			
HILICpos_269.2256_0.38	HILIC	pos	0.38	269.2256			4		0.41224	0.71718	-0.14	0.22	0.33	0.02	0.04	-0.29	0.01926	0.29366	-0.55	-0.77	-0.41	-0.44	-0.22	-0.41	-0.48			
RPneg_269.24896_11.315	RP	neg	11.315	269.2490			4		0.63114	0.84379	-0.15	-0.21	0.12	0.50	0.05	0.47	0.51964	0.90863	-0.12	-0.15	-0.23	-0.32	-0.10	-0.10	0.47			
RPneg_269.24905_11.248	RP	neg	11.248	269.2491			4		0.93426	0.97639	0.03	0.51	0.02	0.51	0.84	0.21	0.26805	0.78031	-0.21	-0.05	-0.25	-0.16	-0.46	0.03	0.09			
RPpos_269.6153_9.96	RP	pos	9.96	269.6153			4		0.57242	0.81532	-0.09	-0.01	0.05	-0.01	0.07	-0.08	0.78134	0.96582	0.12	0.02	0.11	0.23	0.48	0.31	-0.13			
RPpos_269.6448_10.17	RP	pos	10.17	269.6448			4		0.01395	0.22423	-0.57	-0.26	-0.18	-0.52	-0.68	-0.14	0.21151	0.72848	-0.33	-0.08	-0.45	-0.46	-0.28	-0.07	-0.23			
RPpos_269.6448_9.87	RP	pos	9.87	269.6448			4		0.13160	0.46886	-0.34	-0.04	-0.14	-0.14	-0.32	-0.15	0.15395	0.65956	-0.37	-0.40	-0.56	-0.49	-0.22	-0.42	-0.24			
RPneg_269.83734_10.611	RP	neg	10.611	269.8373			4		0.35763	0.67670	0.25	-0.05	0.35	0.70	0.24	0.39	0.68069	0.94775	-0.19	-0.42	0.01	-0.36	0.14	-0.21	-0.55			
RPneg_269.83752_10.522	RP	neg	10.522	269.8375			4		0.79611	0.92106	-0.03	0.03	0.02	0.27	0.21	0.48	0.46720	0.88846	-0.01	-0.08	0.03	0.26	-0.23	0.00	0.04			
RPneg_269.83765_7.432	RP	neg	7.432	269.8377			4		0.74106	0.89618	0.01	-0.20	-0.31	0.26	0.96	0.51	0.47230	0.89137	-0.29	0.24	-0.06	0.73	0.03	-0.03	-0.22			
RPneg_269.83765_9.326	RP	neg	9.326	269.8377			4		0.31689	0.64428	0.28	0.01	0.98	0.34	0.40	0.03	0.79624	0.96830	0.18	-0.16	0.18	0.86	-0.01	-0.41	-0.19			
HILICneg_269.8886_0.48	HILIC	neg	0.48	269.8886			4		0.06238	0.36949	0.51	0.48	0.85	0.39	0.42	0.86	0.04200	0.41487	-0.64	-0.50	-0.71	-0.42	-0.65	-0.75	-0.46			
RPneg_269.8887_0.71	RP	neg	3.73	269.8887			4		0.13096	0.36788	0.38	0.27	0.51	0.35	0.27	0.66	0.90736	0.96988	0.03	0.14	0.02	-0.14	0.10	0.06	0.12			
HILICneg_269.9376_4.1	HILIC	neg	5.51	269.9376			4		0.02961	0.29162	-0.28	-0.06	-0.22	-0.27	-0.36	0.03	0.04363	0.41337	0.45	-0.06	-0.55	0.43	0.46	0.32	0.58			
HILICneg_269.9605_0.57	HILIC	neg	0.57	269.9605			4		0.51846	0.78719	0.16	0.35	1.07	0.28	0.14	0.09	0.81386	0.97170	0.00	0.00	-0.18	-0.47	0.28	0.39	0.35			
HILICneg_269.9605_0.57	HILIC	neg	0.57	269.9605			4		0.36294	0.68095	0.19	0.28	0.28	0.60	0.09	0.34	0.01805	0.28712	-0.07	-0.20	-0.08	-0.14	-0.08	-0.08	0.36			
HILICneg_269.9777_1.5	HILIC	neg	1.5	269.9777			4		0.13793	0.47766	0.56	0.43	0.43	0.37	0.94	1.26	0.79684	0.96859	0.08	-0.16	-0.08	-0.22	0.09	0.46	0.32			
HILICneg_269.9999_5.85	HILIC	neg	5.85	269.9999			4		0.96035	0.98600	0.05	0.27	0.63	0.35	0.36	-0.79	0.04193	0.41487	1.10	0.87	1.23	1.22	1.43	0.43	-0.13			
HILICneg_270.011_5.69	HILIC	neg	5.69	270.0110			4		0.72940	0.88974	0.09	0.14	0.73	0.31	0.09	-0.13	0.06321	0.48798	0.38	0.35	0.20	0.80	0.38	0.54	-0.83			
HILICneg_270.0458_4.83	HILIC	neg	4.83	270.0458			4		0.54811	0.80311	-0.09	0.30	0.44	0.16	-0.11	-0.22	0.21488	0.73129	-0.46	-0.27	-0.67	-0.35	0.14	-0.69	0.03			
HILICneg_270.0461_4.36	HILIC	neg	4.36	270.0461			4		0.04403	0.33333	-0.17	0.25	0.16	-0.07	-0.07	-0.22	0.19295	0.70820	-0.22	-0.18	-0.53	-0.20	0.12	-0.20	-0.04			
RPneg_270.05594_8.37	RP	neg	8.37	270.0559			4		0.00381	0.12641	1.06	0.91	1.65	1.36	0.65	0.37	0.01092	0.22216	0.94	0.59	0.88	1.32	0.96	0.72	0.21			
HILICpos_270.1231_0.67	HILIC	pos	0.67	270.1231			4		0.01943	0.25371	-0.48	-0.20	-0.19	-0.26	-0.12	-0.34	0.31088	0.80886	-0.38	0.88	0.40	-0.53	0.01	0.30	-0.33			
HILICpos_270.1543_2.11	HILIC	pos	2.11	270.1543			4		0.24361	0.58474	0.35	0.04	0.60	0.59	0.86	-0.01	0.85993	0.97965	0.04	0.02	0.07	0.03	0.10	-0.07	-0.14			
RPpos_270.1551_2.76	RP	pos	2.76	270.1551			4		0.52265	0.78920	0.25	-0.16	0.15	0.66	0.85	-0.13	0.97167	0.99673	-0.01	0.20	0.00	-0.08	0.08	-0.16	-0.37			
RPpos_270.1551_3.09	RP	pos	3.09	270.1551			4		0.68075	0.86740	0.05	0.09	0.56	0.34	0.49	-0.09	0.80326	0.96982	0.08	-0.12	0.11	0.13	0.04	0.03	0.02			
HILICpos_270.1908_0.56	HILIC	pos	0.56	270.1908			4		0.85762	0.94644	-0.06	0.20	0.34	0.23	0.13	-0.18	0.96442	0.99622	-0.03	-0.12	-0.04	0.03	0.49	-0.20	0.86			
RPneg_270.20731_8.532	RP	neg	8.532	270.2073			4		0.11198	0.44749	-0.64	-0.07	0.38	-0.16	-0.46	-0.50	0.72383	0.95590	0.13	0.27	-0.30	0.74	-0.16	0.61	0.70			
RPpos_270.6229_10.24	RP	pos	10.24	270.6229			4		0.94765	0.98073	0.05	0.10	0.29	0.16	0.22	0.95	0.22682	0.74380	0.28	-0.07	0.23	0.54	0.33	0.43	0.00			

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-AC				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICneg_271.8543_1.45	HILIC	neg	1.45	271.8543		4		0.65891	0.85724	0.08	0.17	0.15	-0.01	0.47	-0.25	0.41900	0.86713	0.09	-0.16	0.01	0.00	0.09	0.15	0.46				
HILICneg_271.9739_6.29	HILIC	neg	6.29	271.9739		4		0.66855	0.86159	0.10	0.20	0.65	0.41	-0.06	-0.57	0.00502	0.14900	0.49	0.38	0.55	0.99	0.39	0.08	-0.50				
HILICneg_271.9825_5.62	HILIC	neg	5.62	271.9825		4		0.04761	0.34084	-0.53	-0.07	-0.07	-0.29	-0.39	0.36	0.25188	0.76793	-0.42	-0.25	-0.75	-0.35	-0.39	-0.46	0.13				
RPneg_271.98404_3.743	RP	neg	3.743	271.9840		4		0.63298	0.84427	-0.15	0.71	0.34	-0.09	-0.27	0.15	0.46389	0.88698	0.18	0.26	0.75	-0.01	0.41	-0.12	0.06				
HILICneg_271.9988_1.24	HILIC	neg	1.24	271.9988		4		0.66560	0.85911	0.01	0.03	-0.22	-0.08	0.27	0.02	0.84991	0.82794	0.32	0.27	0.07	-0.13	0.84	0.19	0.34				
HILICneg_271.9989_0.73	HILIC	neg	0.73	271.9989		4		0.06653	0.37877	0.51	0.14	0.23	0.41	1.31	0.24	0.45563	0.88413	0.66	0.18	0.73	-0.27	-0.11	-0.18	0.46				
RPneg_272.05396_4.734	RP	neg	4.734	272.0540		4		0.71597	0.88437	0.11	0.36	0.55	0.38	0.29	-0.04	0.03335	0.37577	-0.07	-0.17	-0.09	-0.13	0.01	-0.02	0.06				
HILICneg_272.065_6.41	HILIC	neg	6.41	272.0650		4		0.05021	0.34671	-0.41	0.13	-0.13	-0.25	-0.11	-0.77	0.94642	0.99263	-0.05	0.27	0.18	0.11	-0.18	-0.39	-0.07				
HILICneg_272.0866_6.22	HILIC	neg	6.22	272.0866		4		0.43136	0.73095	-0.15	0.09	0.41	0.12	-0.32	-0.45	0.18666	0.70221	0.33	0.20	0.53	0.78	-0.14	-0.14	-0.02				
RPneg_272.09964_5.918	RP	neg	5.918	272.0996		4		0.01076	0.20147	-0.09	0.24	0.11	-0.07	-0.04	-0.32	0.54683	0.91644	-0.10	-0.09	-0.09	-0.06	-0.09	-0.10	-0.14				
HILICpos_272.128_0.41	HILIC	pos	0.41	272.1280		4		0.29143	0.62421	0.33	0.39	0.47	0.30	0.41	-0.19	0.02120	0.30778	2.16	1.52	1.88	1.95	1.52	2.01	0.23				
RPneg_272.16895_7.397	RP	neg	7.397	272.1690		4		0.95747	0.98490	0.05	-0.11	0.16	-0.07	0.64	0.10	0.21148	0.72848	0.24	-0.07	0.14	-0.03	0.63	0.70	-0.14				
HILICneg_272.1734_6.69	HILIC	neg	6.69	272.1734		4		0.33940	0.66217	-0.19	-0.25	-0.25	-0.37	0.27	0.51	0.26883	0.78107	0.61	0.01	0.31	0.66	0.23	0.97	1.01				
HILICpos_272.1855_1.03	HILIC	pos	1.03	272.1855		4		0.62082	0.83900	0.07	0.16	0.10	0.43	0.45	-0.06	0.21116	0.72796	0.19	0.18	0.35	0.20	0.15	0.28	0.03				
HILICpos_272.1856_1.2	HILIC	pos	1.2	272.1856		4		0.71938	0.88568	0.10	0.02	-0.03	0.26	0.20	0.54	0.99722	0.99953	-0.05	-0.20	-0.14	-0.27	0.12	0.07	0.07				
RPneg_272.1871_7.682	RP	neg	7.682	272.1871		4		0.19333	0.53883	-0.35	0.14	-0.03	-0.25	-0.32	-0.09	0.77508	0.96469	0.11	1.85	-0.23	1.19	-0.14	0.71	-0.29				
RPpos_272.2217_11.03	RP	pos	11.03	272.2217		4		0.45825	0.74982	-0.31	-0.15	0.19	0.01	-0.49	-0.50	0.73228	0.95803	0.13	2.55	-0.35	0.36	0.01	0.17	0.65				
HILICpos_272.222_0.38	HILIC	pos	0.38	272.2220		4		0.46875	0.75646	-0.31	-0.21	0.16	-0.02	-0.26	-0.64	0.71992	0.95336	0.14	1.75	-0.35	0.48	-0.15	0.19	0.37				
HILICneg_272.9312_6.16	HILIC	neg	6.16	272.9312		4		0.99910	0.99966	-0.01	0.15	0.33	-0.23	0.33	1.65	0.69896	0.95138	0.03	-0.12	2.10	-0.15	-0.61	-0.30	-0.19				
HILICneg_272.95804_1.041	HILIC	neg	1.041	272.9580		4		0.68661	0.87075	-0.12	0.32	0.21	-0.15	-0.02	-0.14	0.76204	0.96276	-0.06	0.16	0.21	-0.22	0.11	-0.10	-0.34				
HILICneg_272.9586_7.39	HILIC	neg	7.39	272.9586		4		0.22355	0.56607	-0.45	0.38	0.26	-0.45	-0.05	0.01	0.47301	0.89180	0.27	0.70	0.58	0.19	0.32	-0.16	0.11				
HILICneg_272.9996_5.41	HILIC	neg	5.41	272.9996		4		0.56076	0.80943	0.16	0.22	0.44	0.05	0.36	0.70	0.13813	0.63835	0.03	0.00	-0.07	0.11	0.11	0.24	-0.59				
RPneg_273.00723_3.339	RP	neg	3.339	273.0072		4		0.61507	0.83589	0.08	-0.07	0.49	0.27	-0.09	-0.19	0.46007	0.88511	0.06	-0.12	0.03	0.20	0.19	0.06	-0.18				
HILICneg_273.0077_0.73	HILIC	neg	0.73	273.0077		4		0.79164	0.91879	0.04	-0.16	0.45	0.23	-0.14	-0.20	0.69369	0.95008	0.02	-0.15	-0.01	0.15	0.15	0.03	-0.19				
RPneg_273.00803_3.133	RP	neg	3.133	273.0080		4		0.89566	0.96214	0.01	-0.13	0.44	0.13	-0.15	-0.28	0.65014	0.93943	0.02	-0.10	0.00	0.21	0.05	0.01	-0.22				
HILICpos_273.0181_5.33	HILIC	pos	5.33	273.0181		4		0.81653	0.93022	0.06	0.23	0.17	0.20	0.42	0.43	0.17763	0.69242	0.07	-0.46	0.00	0.32	0.16	0.33	-0.62				
HILICneg_273.0192_4.92	HILIC	neg	4.92	273.0192		4		0.05312	0.35250	-0.47	-0.14	0.13	0.01	-0.08	-0.20	0.00313	0.11243	0.36	0.19	0.71	0.28	0.17	0.17	0.45				
HILICneg_273.0202_4.11	HILIC	neg	4.11	273.0202		4		0.23789	0.57941	-0.32	-0.35	0.64	0.05	-0.41	-0.75	0.47040	0.89059	0.23	0.02	-0.05	0.69	0.74	0.08	-0.25				
RPneg_273.0227_6.888	RP	neg	6.888	273.0227		4		0.27852	0.61324	-0.04	-0.04	-0.03	-0.10	-0.05	0.37	0.25217	0.76793	0.10	0.10	0.21	0.04	0.06	0.11	0.20				
RPneg_273.04398_5.306	RP	neg	5.306	273.0440		4		0.19187	0.53733	0.44	0.04	0.91	0.66	0.38	-0.53	0.30402	0.80438	0.50	0.10	0.44	0.59	0.69	0.50	-0.11				
RPneg_273.04407_5.494	RP	neg	5.494	273.0441		4		0.33262	0.65636	0.23	0.01	0.42	0.30	0.45	0.52	0.57533	0.92304	-0.01	-0.12	0.05	0.06	0.01	0.16	-0.17				
HILICneg_273.0726_0.96	HILIC	neg	0.96	273.0726		4		0.7052	0.68693	0.25	0.31	0.48	0.26	0.65	0.57	0.74354	0.96041	0.12	-0.03	0.16	0.00	0.33	0.39	-0.11				
HILICpos_273.084_1.38	HILIC	pos	1.38	273.0840		4		0.39486	0.78459	-0.23	0.04	0.98	-0.39	-0.17	0.48	0.34007	0.82361	0.57	0.69	0.61	-0.57	0.61	1.23	-0.35				
HILICpos_273.1082_5.91	HILIC	pos	5.91	273.1082		4		0.67085	0.86288	-0.10	0.22	0.01	-0.02	-0.03	-0.76	0.76002	0.96245	-0.04	0.21	0.15	0.28	0.00	-0.33	-0.67				
RPneg_273.1127_9.34	RP	neg	9.34	273.1127		4		0.75377	0.90229	0.11	0.17	0.29	0.43	0.06	0.37	0.95903	0.99539	0.00	0.04	0.37	0.27	0.13	-0.87	0.02				
HILICpos_273.1211_3.6	HILIC	pos	3.6	273.1211		4		0.72580	0.88831	-0.10	0.01	0.15	-0.02	-0.08	-0.43	0.00000	0.00018	0.43	0.39	0.41	0.53	0.47	0.36	0.18				
RPneg_273.1243_5.605	RP	neg	5.605	273.1243		4		0.18622	0.53296	0.51	0.63	0.84	0.47	0.85	-0.23	0.18700	0.70221	0.94	1.24	1.17	0.98	1.00	0.84	0.02				
RPneg_273.12433_5.784	RP	neg	5.784	273.1243		4		0.27363	0.60932	0.46	0.59	0.86	0.44	0.71	-0.23	0.10244	0.57666	1.12	1.77	1.32	1.49	1.05	0.99	0.03				
RPneg_273.12433_5.913	RP	neg	5.913	273.1243		4		0.29284	0.62497	0.47	0.59	0.93	0.46	0.72	-0.23	0.14344	0.64563	1.02	1.45	1.25	1.34	1.00	0.68	0.20				
RPneg_273.13492_11.543	RP	neg	11.543	273.1349		4		0.52405	0.78980	-0.17	0.12	0.34	-0.12	0.26	0.38	0.94383	0.99197	-0.05	-0.19	0.19	-0.25	-0.26	-0.14	0.17				
RPpos_273.1695_8.56	RP	pos	8.56	273.1695		4		0.19623	0.54104	0.38	0.61	0.53	0.27	0.96	0.23	0.00987	0.21165	0.96	-0.30	0.06	-0.55	-0.64	-0.98	-0.24				
RPpos_273.206_8.39	RP	pos	8.39	273.2060		4		0.28407	0.61773	-0.29	0.13	0.04	0.27	0.56	0.11	0.50711	0.90372	-0.19	0.45	-0.48	0.16	-0.54	0.28	-0.17				
RPpos_273.2061_10.55	RP	pos	10.55	273.2061		4		0.50733	0.78065	-0.24	-0.03	-0.07	0.43	-0.03	0.37	0.29927	0.80158	-0.20	-0.27	-0.36	0.01	-0.38	-0.19	0.10				
RPpos_273.2062_9.79	RP	pos	9.79	273.2062		4		0.19537	0.54040	0.38	0.43	0.57	0.31	0.99	0.20	0.18309	0.69898	-0.46	-0.15	0.22	-0.30	-0.11	-1.27	-0.33				
HILICpos_273.2175_5.21	HILIC	pos	5.21	273.2175		4		0.21390	0.55636	-0.28	-0.13	0.06	-0.08	-0.21	0.04	0.36532	0.83821	0.14	-0.15	0.11	0.14	0.43	0.05	0.23				
RPpos_273.2208_6.98	RP	pos	6.98	273.2208		4		0.04150	0.32547	-0.26	-0.04	-0.27	-0.36	-0.15	0.14	0.64078	0.93638	-0.16	-0.03	0.00	0.03	-0.10	-0.25	-0.34				
RPpos_273.2532_7.68	RP	pos	7.68	273.2532		4		0.20345	0.54794	-0.33	-0.04	-0.04	-0.36	-0.33	-0.11	0.57725	0.94718	0.13	1.57	0.20	0.15	0.13	0.59	-0.38				
RPpos_273.2578_10.37	RP	pos	10.37	273.2578		4		0.71228	0.88257	0.10	0.42	0.48	0.43	0.00	-0.43	0.00027	0.02376	1.30	0.85	0.77	1.28	1.84	1.39	0.66				
RPpos_273.6658_10.81	RP	pos	10.81	273.6658		4		0.03739	0.31416	-0.47	-0.06	-0.14	-0.41	-0.43	-0.23	0.94546	0.99227	0.10	0.15	0.09	0.11	0.23	0.01	-0.03				
HILICneg_273.7451_1.45	HILIC	neg	1.45	273.7451		4		0.02742	0.28442	-0.37	-0.04	-0.30	-0.05	-0.20	0.17													

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BRAC=0		Baseline		IV-Ghrelin or Placebo		BRAC=0		Baseline		Post-LD		IV-Ghrelin or Placebo		BRAC=0					
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d				
RPneg_275.11359_11.54	RP	neg	11.54	275.1136		4		0.57902	0.81778	-0.07	0.17	0.05	-0.02	0.12	-0.18	0.85174	0.97755	0.08	-0.10	0.01	0.03	0.59	-0.64	0.02								
RPneg_275.11374_4.607	RP	neg	4.607	275.1137		4		0.67660	0.86573	0.05	-0.12	-0.14	-0.10	0.13	-0.15	0.16111	0.67081	-0.32	0.47	0.77	-0.25	-0.15	-0.34	-0.19								
HILICpos_275.1187_3.6	HILIC	pos	3.6	275.1187		4		0.68145	0.86772	-0.10	0.08	0.14	-0.06	-0.09	-0.44	0.00000	0.00009	0.46	0.41	0.47	0.50	0.49	0.48	0.14								
HILICpos_275.1602_4.95	HILIC	pos	4.95	275.1602		4		0.63808	0.84700	0.12	0.20	0.25	0.26	0.36	-0.44	0.15662	0.66394	-0.58	-0.54	-0.45	-0.57	-0.58	-0.56	-0.56								
RPpos_275.1641_10.42	RP	pos	10.42	275.1641		4		0.27294	0.60955	0.31	0.51	0.35	0.17	0.03	0.76	0.80524	0.97065	-0.17	-0.19	0.89	-0.25	-0.23	-0.82	-0.43								
RPpos_275.1987_10.05	RP	pos	10.05	275.1987		4		0.62261	0.83971	0.20	0.55	0.34	0.18	0.15	0.66061	0.66526	-0.46	0.46	0.30	-0.43	-0.42	0.09	0.09									
RPneg_275.20151_10.543	RP	neg	10.543	275.2015		4		0.07370	0.39176	0.64	0.01	0.06	0.38	1.80	-0.11	0.42082	0.86683	-0.25	-0.12	0.24	-0.09	-0.75	-0.83	-0.10								
RPpos_275.2042_10.81	RP	pos	10.81	275.2042		4		0.76758	0.90863	-0.05	0.53	-0.25	0.14	0.00	0.48	0.25641	0.77187	-0.21	-0.46	-0.25	-0.43	-0.02	0.00	-0.39								
RPpos_275.2586_10.42	RP	pos	10.42	275.2586		4		0.78203	0.91544	-0.15	0.07	0.00	0.29	0.52	0.42	0.02079	0.30493	0.30	-0.20	0.34	0.37	0.54	0.21	0.50								
RPpos_275.6257_10.04	RP	pos	10.04	275.6257		4		0.15495	0.49790	-0.21	0.08	-0.01	-0.17	0.00	-0.22	0.79245	0.96742	0.10	0.30	-0.04	-0.01	0.21	0.13	0.34								
RPpos_275.6445_8.82	RP	pos	8.82	275.6445		4		0.11352	0.44936	-0.31	-0.03	-0.13	-0.23	-0.27	-0.49	0.01005	0.21292	-0.13	-0.12	-0.12	-0.12	-0.23	-0.13	0.03								
RPneg_275.8483_6.845	RP	neg	6.845	275.8483		4		0.94292	0.97913	0.05	0.15	0.07	0.07	0.16	0.06	0.26872	0.78099	-0.20	-0.22	-0.13	-0.30	-0.14	-0.23	-0.23								
RPneg_275.86096_9.086	RP	neg	9.086	275.8610		4		0.26809	0.60408	0.03	0.05	0.09	0.03	0.04	0.22	0.95186	0.99379	-0.05	-0.09	-0.01	-0.04	-0.08	-0.06	-0.03								
HILICneg_275.9563_5.41	HILIC	neg	5.41	275.9563		4		0.01800	0.24482	-0.79	-1.05	-0.04	-1.17	0.15	0.26	0.85470	0.97834	-0.24	-0.07	-0.26	0.05	-0.03	0.20	-2.19								
RPpos_275.9958_5.2	RP	pos	5.2	275.9958		4		0.51231	0.78377	0.13	0.11	0.12	0.18	0.01	0.85	0.31423	0.81205	0.09	0.00	-0.03	0.14	0.12	0.16	0.14								
RPneg_276.01691_1.312	RP	neg	1.312	276.0169		4		0.96055	0.98600	0.00	-0.13	1.14	0.19	-0.18	-0.27	0.00166	0.07771	0.47	0.19	1.04	1.00	0.80	0.06	-0.67								
RPneg_276.01694_1.404	RP	neg	1.404	276.0169		4		0.97082	0.98887	0.02	0.04	1.26	0.27	-0.27	-0.70	0.03034	0.36379	0.63	0.40	1.18	1.47	0.65	0.16	-0.83								
RPneg_276.03375_5.505	RP	neg	5.505	276.0338		4		0.09352	0.42301	-0.57	-0.25	0.38	-0.43	-0.02	-0.94	0.57154	0.92183	0.14	0.40	0.32	0.22	0.62	-0.42	-0.23								
RPpos_276.1804_10.92	RP	pos	10.92	276.1804		4		0.17922	0.52441	-0.36	0.40	-0.31	-0.11	0.03	-0.07	0.74528	0.96070	0.09	-0.15	0.25	0.66	-0.04	0.74	-0.02								
HILICpos_276.1808_2.27	HILIC	pos	2.27	276.1808		4		0.08032	0.40471	0.36	0.21	0.46	0.45	0.90	0.48	0.11126	0.59315	0.40	0.41	0.46	0.39	0.25	0.39	0.03								
HILICpos_276.181_1.34	HILIC	pos	1.34	276.1810		4		0.15804	0.50108	0.81	-1.25	0.88	1.03	0.76	0.72	0.31471	0.81205	-0.34	-0.39	-0.36	-0.35	-0.34	-0.26	-0.19								
RPpos_276.1998_7.84	RP	pos	7.84	276.1998		4		0.95053	0.77937	0.20	0.25	0.37	0.27	0.51	0.00	0.04044	0.40966	1.02	1.05	0.95	0.68	1.29	1.18	0.45								
RPpos_276.6525_10.85	RP	pos	10.85	276.6525		4		0.14837	0.49070	-0.28	-0.05	-0.09	-0.05	-0.21	0.09	0.52661	0.91004	-0.13	-0.05	-0.13	-0.06	0.33	-0.41	-0.31								
RPpos_276.6527_10.3	RP	pos	10.3	276.6527		4		0.01798	0.24482	-0.41	0.08	0.00	-0.36	-0.23	-0.35	0.09374	0.56071	-0.17	-0.11	-0.14	-0.14	-0.15	-0.12	-0.20								
HILICneg_276.7127_0.92	HILIC	neg	0.92	276.7127		4		0.49396	0.77320	-0.20	-0.33	-0.22	0.13	-0.28	-0.25	0.29790	0.79993	-0.30	-0.33	-0.35	-0.42	-0.15	-0.21	0.18								
HILICneg_276.8677_0.92	HILIC	neg	0.92	276.8677		4		0.05758	0.36190	-0.36	-0.37	-0.34	-0.33	-0.38	-0.24	0.07855	0.52708	-0.42	-0.46	-0.42	-0.46	-0.33	-0.42	-0.25								
HILICneg_276.9507_1.42	HILIC	neg	1.42	276.9507		4		0.56700	0.81262	-0.20	-0.14	0.30	-0.39	-0.09	1.70	0.46647	0.88808	0.25	-0.27	-0.15	0.71	0.55	1.02	-0.42								
RPneg_276.9569_3.124	RP	neg	3.124	276.9567		4		0.75331	0.90215	0.09	0.20	0.16	0.24	0.17	-0.33	0.86851	0.98025	-0.02	-0.14	0.03	-0.04	-0.06	-0.03	-0.08								
RPpos_277.0058_3.73	RP	pos	3.73	277.0058		4		0.19386	0.53936	0.37	0.21	0.47	0.40	0.33	0.48	0.27356	0.78419	-0.49	-0.53	-0.55	-0.25	-0.45	-0.50	-0.38								
HILICneg_277.0072_0.96	HILIC	neg	0.96	277.0072		4		0.93241	0.97583	0.01	0.29	0.07	0.21	0.28	-0.13	0.97612	0.99711	0.05	0.08	0.24	0.07	0.05	0.03	-0.14								
HILICneg_277.0074_4.92	HILIC	neg	4.92	277.0074		4		0.64150	0.84812	-0.10	-0.10	0.16	0.50	0.31	-0.76	0.01866	0.29025	0.50	0.07	0.50	0.36	0.37	1.01	-0.15								
HILICneg_277.0075_4.11	HILIC	neg	4.11	277.0075		4		0.93805	0.97750	0.01	0.17	0.96	-0.22	-0.24	-0.70	0.09036	0.55386	0.41	0.23	0.42	0.60	0.68	0.02	-0.08								
HILICneg_277.0131_7.18	HILIC	neg	7.18	277.0131		4		0.37206	0.68803	0.20	0.44	0.70	-0.10	-0.10	-0.02	0.09338	0.50560	0.06	-0.08	0.17	0.19	0.12	0.03	-0.19								
HILICneg_277.0149_4.21	HILIC	neg	4.21	277.0149		4		0.16447	0.50992	-0.25	0.37	0.60	-0.10	-0.57	-0.49	0.88191	0.98281	-0.04	-0.14	0.09	0.17	0.15	-0.31	-0.34								
RPneg_277.0178_7.032	RP	neg	7.032	277.0179		4		0.13919	0.47872	0.08	-0.01	0.10	0.02	0.08	0.57	0.19882	0.71469	0.00	-0.02	-0.05	0.08	0.00	0.07	-0.04								
RPneg_277.02124_5.823	RP	neg	5.823	277.0212		4		0.02481	0.27612	0.57	0.22	0.93	0.46	0.53	1.89	0.48178	0.89519	0.31	0.32	0.37	0.31	0.41	0.16	-0.16								
RPneg_277.03012_7.732	RP	neg	7.732	277.0301		4		0.73589	0.89350	0.06	0.43	0.52	-0.24	0.69	0.10	0.17039	0.68268	0.41	-0.37	0.28	0.08	0.42	0.55	1.26								
HILICneg_277.0522_0.89	HILIC	neg	0.89	277.0522		4		0.18816	0.53406	0.28	0.30	0.40	0.25	0.41	1.11	0.86067	0.97971	0.03	-0.13	-0.02	-0.22	0.06	0.14	0.39								
HILICneg_277.0545_2.33	HILIC	neg	2.33	277.0545		4		0.43143	0.73098	-0.04	0.26	0.24	0.23	0.25	0.04	0.16587	0.67711	-0.14	0.01	-0.19	-0.26	-0.07	-0.06	-0.07								
RPneg_277.08594_2.03	RP	neg	2.03	277.0859		4		0.76780	0.90872	0.09	0.37	0.65	0.05	-0.01	-0.37	0.00019	0.01968	0.56	0.35	0.65	0.71	0.53	0.47	-0.09								
HILICneg_277.0864_6.21	HILIC	neg	6.21	277.0864		4		0.27720	0.61667	0.21	0.27	0.89	0.08	0.18	-0.33	0.00076	0.04774	0.52	0.25	0.62	0.85	0.45	0.42	-0.27								
HILICpos_277.0891_5.45	HILIC	pos	5.45	277.0891		4		0.11159	0.44700	0.41	0.11	0.77	0.65	0.54	-0.01	0.06872	0.50268	0.31	-0.09	-0.03	0.55	0.88	0.77	-0.23								
HILICpos_277.1183_5.21	HILIC	pos	5.21	277.1183		4		0.96930	0.98851	0.06	-0.14	1.00	0.09	-0.03	0.30	0.27589	0.78622	0.23	-0.09	-0.17	-0.12	1.04	0.19	0.52								
HILICpos_277.1429_0.42	HILIC	pos	0.42	277.1429		4		0.04282	0.33008	0.80	0.53	0.88	1.48	0.79	0.20	0.01619	0.27228	-0.67	-0.72	-0.61	-0.62	-0.71	-0.53	-0.36								
RPneg_277.1442_9.937	RP	neg	9.937	277.1442		4		0.53681	0.																							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-LD				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_279.1268_6.052	RP	neg	6.052				4		0.44965	0.74351	0.27	-0.11	0.48	0.32	0.61	0.55	0.84542	0.97701	-0.09	-0.08	0.00	-0.37	0.01	-0.19	-0.06			
RPneg_279.12714_8.967	RP	neg	8.967				4		0.15509	0.49790	-0.38	0.18	-0.11	-0.14	-0.13	-0.29	0.53343	0.91301	-0.20	-0.29	-0.50	0.11	0.04	0.17	-0.04			
HILICpos_279.1701_2.26	HILIC	pos	2.26				4		0.05823	0.36315	-0.22	-0.02	-0.10	0.03	-0.22	0.03	0.32156	0.81567	-0.19	-0.19	-0.11	0.24	-0.10	-0.35	0.02			
HILICpos_279.1794_0.41	HILIC	pos	0.41				4		0.70825	0.88085	0.14	0.45	0.46	0.20	0.19	0.23	0.79830	0.96921	-0.16	-0.05	0.27	-0.06	-0.24	-0.52	0.85			
RPneg_279.19632_9.218	RP	neg	9.218				4		0.39784	0.59107	-0.24	0.13	0.38	0.28	0.28	0.28	0.88889	0.99377	-0.03	-0.08	0.09	-0.78	0.24	0.56	-0.24			
RPneg_279.2317_9.16	RP	neg	9.16				4		0.00148	0.07783	0.26	-0.01	0.44	0.31	0.11	0.80	0.83181	0.95000	-0.11	-0.08	0.08	-0.11	0.05	0.40	0.40			
RPpos_279.2318_9.69	RP	pos	9.69				4		0.01057	0.19956	0.65	0.24	1.09	0.81	1.03	0.11	0.00228	0.09397	0.40	0.41	1.09	0.27	0.26	0.06	-0.42			
HILICpos_279.2319_0.39	HILIC	pos	0.39				4		0.06290	0.37073	0.28	0.08	0.10	0.27	0.82	0.58	0.43729	0.87685	-0.24	-0.39	-0.22	0.24	-0.09	-0.17	-0.36			
RPpos_279.232_11.08	RP	pos	11.08				4		0.02568	0.27955	0.45	0.08	0.42	0.46	0.98	0.57	0.20918	0.72517	-0.36	-0.48	-0.35	-0.30	-0.32	-0.35	-0.35			
RPneg_279.23227_9.151	RP	neg	9.151				4		0.09709	0.42724	-0.38	-0.26	-0.13	-0.41	-0.06	-0.06	0.64210	0.93677	-0.17	-0.12	-0.17	-0.12	-0.06	-0.21	-0.21			
RPpos_279.2323_11.26	RP	pos	11.26				4		0.25092	0.59002	0.15	0.09	0.25	0.13	0.38	0.28	0.46124	0.88576	-0.23	0.31	-0.29	-0.37	-0.10	-0.23	-0.22			
RPpos_279.2326_11.52	RP	pos	11.52				4		0.20648	0.54981	0.17	0.09	0.22	0.29	0.44	0.25	0.72421	0.95590	-0.12	-0.01	-0.25	-0.12	-0.04	-0.06	-0.01			
RPpos_279.2326_12.15	RP	pos	12.15				4		0.15615	0.49915	0.16	0.13	0.60	0.04	0.49	0.17	0.95029	0.99346	0.02	-0.12	0.03	-0.11	0.21	0.13	-0.29			
RPneg_279.23264_10.137	RP	neg	10.137				4		0.10479	0.43774	-0.30	-0.01	0.11	0.10	-0.37	-0.29	0.80707	0.97034	0.00	0.02	0.09	0.01	0.56	-0.16	-0.44			
HILICneg_279.61392_7.918	RP	neg	7.918				4		0.00694	0.16434	0.39	0.46	0.50	0.46	0.35	0.37	0.26458	0.77665	-0.24	-0.37	-0.34	-0.19	-0.29	0.34	-0.32			
HILICneg_279.6145_1.92	HILIC	neg	1.92				4		0.01875	0.24933	0.47	0.41	0.63	0.52	0.57	0.49	0.19676	0.71249	-0.26	-0.35	-0.30	-0.19	-0.12	-0.16	-0.42			
RPpos_279.6467_10.25	RP	pos	10.25				4		0.04846	0.34265	-0.50	-0.20	-0.11	-0.09	-0.13	-0.41	0.60467	0.92899	0.09	0.09	0.05	0.17	0.06	0.14	-0.05			
RPpos_279.6468_10.12	RP	pos	10.12				4		0.03545	0.23287	-0.43	-0.17	-0.14	-0.17	-0.23	-0.61	0.51778	0.90798	0.10	0.09	0.12	0.06	0.19	0.15	-0.16			
HILICpos_279.6857_5.94	HILIC	pos	5.94				4		0.39784	0.70746	-0.24	0.13	0.38	0.28	0.28	0.28	0.88889	0.99377	-0.03	-0.08	0.09	-0.78	0.24	0.56	-0.24			
HILICneg_279.8811_0.48	HILIC	neg	0.48				4		0.87434	0.95278	0.03	-0.02	0.11	0.04	0.10	0.45	0.06262	0.48671	-0.43	-0.44	-0.48	-0.45	0.41	-0.39	-0.33			
HILICneg_279.9129_6.41	HILIC	neg	6.41				4		0.11632	0.45208	-0.36	-0.10	-0.17	-0.30	-0.46	-0.16	0.00992	0.21165	-0.67	-0.80	-0.74	-0.18	-0.69	-1.08	-0.21			
HILICneg_279.9309_2.11	HILIC	neg	2.11				4		0.34213	0.66397	-0.13	0.42	0.25	-0.23	0.03	0.70	0.15817	0.66631	-0.45	0.12	-1.14	-0.31	0.04	-0.29	-0.50			
RPneg_279.98932_2.635	RP	neg	2.635				4		0.02743	0.28442	0.35	0.33	0.61	0.35	0.50	0.68	0.49285	0.89856	-0.08	-0.17	-0.11	-0.15	-0.12	-0.03	0.39			
HILICneg_279.9896_0.57	HILIC	neg	0.57				4		0.00816	0.17819	0.43	0.57	0.33	0.78	0.48	0.73	0.05932	0.47832	-0.09	-0.32	-0.12	-0.01	-0.20	-0.08	0.45			
RPpos_279.9898_3.46	RP	pos	3.46				4		0.00003	0.01005	0.70	0.43	0.68	0.96	0.61	0.38	0.87543	0.98217	0.10	-0.44	0.12	0.08	0.28	0.46	-0.34			
HILICpos_280.092_6.23	HILIC	pos	6.23				4		0.61031	0.83360	-0.04	0.03	0.36	0.23	-0.02	-0.42	0.23246	0.74941	0.09	0.10	0.10	0.30	0.20	0.09	-0.27			
RPneg_280.09689_5.472	RP	neg	5.472				4		0.34556	0.66688	0.26	0.23	0.34	0.37	0.45	0.46	0.07646	0.52148	0.02	-0.12	-0.12	0.17	0.06	0.11	-0.06			
HILICneg_280.1243_0.66	HILIC	neg	0.66				4		0.01638	0.23695	0.36	0.23	0.51	0.47	0.74	-0.02	0.95782	0.99491	-0.10	-0.46	0.04	-0.07	0.08	-0.11	-0.47			
HILICpos_280.1535_1.27	HILIC	pos	1.27				4		0.00306	0.11381	0.89	0.97	0.91	0.99	0.87	0.75	0.19902	0.71482	-0.37	-0.45	-0.32	-0.38	-0.40	-0.43	0.35			
RPpos_280.1545_3.34	RP	pos	3.34				4		0.01401	0.22466	0.79	1.16	0.87	0.81	0.73	0.55	0.12974	0.62317	-0.44	-0.43	-0.44	-0.38	-0.45	-0.61	0.36			
RPpos_280.1758_8.51	RP	pos	8.51				4		0.71632	0.88456	0.15	0.33	-0.17	0.68	0.20	0.41	0.42078	0.86863	0.44	0.72	0.27	1.47	-0.34	0.72	1.72			
HILICpos_280.2109_0.42	HILIC	pos	0.42				4		0.23403	0.52248	-0.13	0.30	0.17	-0.03	-0.01	-0.06	0.73762	0.96458	-0.15	0.01	0.15	0.16	-0.25	-0.38	0.74			
HILICneg_280.622_2.24	HILIC	neg	2.24				4		8.5396	0.00479	-1.53	-0.02	1.92	1.74	0.91	0.86	0.79350	0.96514	-0.12	-0.11	0.03	0.10	0.37	0.41	-0.13			
RPpos_280.6552_10.55	RP	pos	10.55				4		0.00187	0.08706	-0.57	-0.13	-0.27	-0.50	-0.25	-0.50	0.60582	0.92920	0.17	0.18	0.23	0.15	0.31	0.08	0.07			
RPneg_280.89783_10.52	RP	neg	10.52				4		0.09318	0.42257	-0.31	-0.06	0.34	-0.07	-0.38	0.31	0.84091	0.97634	-0.06	-0.12	-0.49	0.12	0.23	-0.59	0.87			
HILICneg_280.9085_3.14	HILIC	neg	3.14				4		0.08638	0.41249	-0.45	0.21	-0.27	-0.02	0.15	-0.57	0.76696	0.96401	-0.02	-0.05	0.02	-0.18	-0.21	0.07	0.37			
RPneg_280.99332_4.676	RP	neg	4.676				4		0.18600	0.53269	-0.19	0.09	0.08	-0.19	-0.18	-0.11	0.24961	0.76578	-0.27	-0.21	-0.21	-0.23	-0.27	-0.46	-0.03			
RPneg_281.0097_5.386	RP	neg	5.386				4		0.28160	0.61577	-0.30	-0.24	-0.21	-0.21	-0.14	-0.29	0.02544	0.33616	2.13	1.56	2.15	1.96	1.70	1.54	0.88			
RPneg_281.01044_5.577	RP	neg	5.577				4		0.11937	0.45540	0.93	0.78	0.87	1.62	1.01	1.76	0.48725	0.89768	0.22	0.13	0.20	0.33	0.25	0.19	0.12			
HILICneg_281.0137_4.89	HILIC	neg	4.89				4		0.95894	0.98548	0.06	0.52	0.45	0.04	0.05	0.12	0.04115	0.41218	-0.30	0.00	-0.45	-0.01	0.08	-0.62	-0.54			
RPneg_281.03568_1.231	RP	neg	1.231				4		0.01812	0.24551	-0.51	-0.22	-0.10	-0.61	-0.45	-0.71	0.44281	0.87946	-0.19	0.14	0.44	0.41	-0.35	-0.79	-0.66			
HILICneg_281.0359_1.5	HILIC	neg	1.5				4		0.00173	0.08397	-0.77	-0.36	-0.51	-0.85	-0.64	-0.29	0.00348	0.11992	-0.72	-0.23	-0.25	-0.57	-1.32	-1.37	-0.71			
HILICneg_281.0545_1.59	HILIC	neg	1.59				4		0.22581	0.56747	-0.12	0.16	0.28	-0.05	0.24	-0.25	0.19757	0.71327	-0.32	-0.36	-0.18	-0.31	-0.25	-0.21	-0.30			
HILICpos_281.0784_5.92	HILIC	pos	5.92				4		0.96782	0.98827	0.00	0.26	0.60	0.33	-0.18	-0.43	0.17979	0.69485	0.31	0.38	0.35	0.39	0.38	0.16	-0.78			
HILICneg_281.0986_1.06	HILIC	neg	1.06				4		0.08911	0.41718	0.16	-0.11	0.58	0.28	0.34	-0.33	0.98861	0.99810	0.05	-0.17	0.18	0.09	0.11	0.00	-0.14			
RPneg_281.10046_3.261	RP	neg	3.261				4																					

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			Post-LD			IV-AC			Post-AC		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
RPneg_282.99112_4.676	RP	neg	4.676				4		0.14866	0.49096	-0.21	0.04	0.09	-0.21	-0.19	-0.17	0.22810	0.74513	-0.30	-0.22	-0.37	-0.40	-0.32	-0.21	-0.06							
RPneg_282.99374_3.523	RP	neg	3.523	282.9937			4		0.04702	0.33980	0.46	0.28	1.75	0.61	0.22	-0.28	0.28104	0.78971	0.39	0.18	0.38	0.02	1.11	0.42	-0.55							
HILICpos_283.0074_3.19	HILIC	pos	3.19	283.0074			4		0.03999	0.32027	-0.27	0.06	-0.10	-0.33	-0.19	-0.21	0.38429	0.84931	-0.19	-0.27	-0.19	-0.21	-0.18	-0.25	-0.02							
RPpos_283.0079_4.69	RP	pos	4.69	283.0079			4		0.15347	0.49640	-0.21	0.10	0.14	-0.42	-0.03	-0.34	0.26995	0.78218	-0.28	0.10	-0.27	-0.39	-0.38	-0.20	-0.17							
RPneg_283.02859_5.175	RP	neg	6.175	283.0286			4		0.03954	0.39977	-0.01	0.02	0.04	0.01	-0.02	0.35	0.08715	0.54589	-0.31	-0.32	-0.21	-0.38	-0.40	-0.25	-0.29							
HILICneg_283.0519_1.59	HILIC	neg	1.59	283.0519			4		0.28722	0.62077	-0.10	0.11	0.23	0.04	0.27	0.25	0.24267	0.58829	-0.29	-0.21	-0.21	-0.29	-0.31	-0.09	-0.33							
HILICneg_283.0817_3.41	HILIC	neg	3.41	283.0817			4		0.03007	0.29365	0.46	0.58	0.62	0.41	0.50	0.43	0.75734	0.96233	-0.18	-0.25	-0.14	-0.20	-0.18	-0.09	-0.04							
RPneg_283.08221_4.346	RP	neg	4.346	283.0822			4		0.03047	0.29493	0.46	0.61	0.60	0.41	0.54	0.43	0.72994	0.95751	-0.19	-0.26	-0.16	-0.22	-0.19	-0.08	-0.09							
HILICpos_283.0938_5.92	HILIC	pos	5.92	283.0938			4		0.96401	0.98697	0.01	0.17	0.37	0.40	-0.18	-0.22	0.13894	0.63898	0.41	0.41	0.42	0.53	0.25	0.45	-0.61							
RPpos_283.1075_11.73	RP	pos	11.73	283.1075			4		0.67969	0.86698	0.37	0.53	0.24	0.38	0.56	-0.20	0.16654	0.67772	0.73	1.09	0.82	0.89	0.65	0.28	0.00							
RPneg_283.1087_9.4	RP	neg	9.4	283.1087			4		0.95460	0.98355	0.18	0.42	-0.08	0.30	0.28	0.07	0.26905	0.78122	0.47	0.61	0.56	0.49	0.44	0.12	-0.19							
RPneg_283.10873_11.754	RP	neg	11.754	283.1087			4		0.85499	0.94567	0.27	0.51	0.06	0.31	0.53	-0.11	0.20401	0.72005	0.61	0.78	0.44	0.53	0.58	0.32	-0.01							
RPneg_283.10883_9.208	RP	neg	9.208	283.1088			4		0.79211	0.91898	0.14	0.30	-0.04	0.23	0.34	0.07	0.31902	0.81492	0.32	0.47	0.18	0.35	0.50	0.14	-0.26							
RPneg_283.10931_11.612	RP	neg	11.612	283.1093			4		0.85276	0.94487	0.28	0.58	-0.01	0.33	0.53	-0.39	0.18805	0.70301	1.35	2.29	0.57	1.25	0.84	0.83	-0.42							
RPneg_283.11029_8.793	RP	neg	8.793	283.1103			4		0.28077	0.61492	-0.11	0.00	-0.08	-0.16	0.09	0.61	0.31670	0.81306	-0.22	-0.31	-0.30	-0.04	-0.04	-0.21	-0.29							
HILICneg_283.1132_5.62	HILIC	neg	5.62	283.1132			4		0.31781	0.64483	-0.19	-0.10	0.10	-0.19	-0.29	-0.11	0.01912	0.29300	-0.10	0.02	0.00	0.19	-0.11	-0.21	-0.50							
RPneg_283.11841_6.57	RP	neg	6.57	283.1184			4		0.22529	0.56723	-0.18	-0.15	-0.07	-0.06	0.20	0.32	0.67093	0.94562	-0.21	-0.39	-0.45	-0.07	-0.06	-0.34	0.33							
RPpos_283.1542_8.76	RP	pos	8.76	283.1542			4		0.41856	0.72219	-0.14	-0.13	-0.06	-0.14	0.10	0.06	0.20390	0.71951	0.16	0.15	0.13	0.09	0.17	0.13	0.36							
RPneg_283.16605_6.781	RP	neg	6.781	283.1661			4		0.16503	0.51065	0.43	-0.01	0.44	0.79	0.13	-0.04	0.20814	0.72383	0.21	-0.04	0.29	0.56	0.64	0.06	-0.01							
HILICneg_283.1746_0.62	HILIC	neg	0.62	283.1746			4		0.14650	0.48793	0.41	-0.32	0.00	0.16	-0.30	-0.10	0.48232	0.89580	-0.27	-0.11	-0.26	-0.21	-0.14	-0.18	-0.18							
RPpos_283.1754_6.05	RP	pos	6.05	283.1754			4		0.73919	0.89484	-0.09	-0.29	0.34	-0.04	-0.05	0.22	0.88420	0.98281	0.05	-0.04	0.17	0.20	0.01	-0.58	0.01							
RPpos_283.1754_3.55	RP	pos	3.55	283.1754			4		0.29318	0.62511	-0.30	-0.12	0.63	-0.19	-0.11	-0.03	0.22131	0.73820	-0.48	-0.22	-0.17	-0.53	-0.12	-0.44	-0.70							
RPpos_283.1755_3.3	RP	pos	3.3	283.1755			4		0.24559	0.58617	-0.34	-0.27	0.74	-0.49	-0.09	0.08	0.28024	0.78924	-0.44	-0.22	-0.18	-0.54	0.12	-0.56	-0.60							
RPneg_283.19131_8.852	RP	neg	8.852	283.1913			4		0.88336	0.95680	-0.13	-0.68	-0.04	0.54	0.64	0.07	0.99082	0.99855	0.01	-0.56	-0.12	0.87	-0.02	-0.09	0.38							
HILICneg_283.1916_0.44	HILIC	neg	0.44	283.1916			4		0.00182	0.08578	0.89	0.16	0.69	1.07	1.34	-0.05	0.37031	0.84063	0.32	0.46	0.36	0.67	0.06	0.71	0.05							
HILICpos_283.2411_0.54	HILIC	pos	0.54	283.2411			4		0.02061	0.25965	0.31	0.07	0.21	0.50	0.56	0.35	0.00040	0.03188	0.13	-0.31	-0.04	0.20	0.37	0.21	0.01							
RPpos_283.2425_8.07	RP	pos	8.07	283.2425			4		0.01851	0.24801	0.33	0.15	0.36	0.42	0.59	0.49	0.11051	0.59209	0.10	-0.14	-0.12	0.09	0.22	0.36	-0.11							
RPneg_283.24319_10.847	RP	neg	10.847	283.2432			4		0.09124	0.42003	0.46	0.01	0.08	0.09	1.35	0.11	0.43831	0.87693	0.17	0.02	0.32	0.24	0.17	0.18	-0.07							
RPpos_283.2636_10.13	RP	pos	10.13	283.2636			4		0.75139	0.90906	0.05	0.10	0.09	0.85	2.32	0.39	0.86594	0.98005	0.00	0.10	0.20	0.08	-0.38	-0.01	0.10							
HILICneg_283.2639_0.39	HILIC	neg	0.39	283.2639			4		0.29334	0.62511	-0.23	-0.07	0.08	-0.18	0.17	-0.49	0.95095	0.99346	0.03	-0.13	-0.52	-0.03	0.09	0.20	0.91							
RPpos_283.6313_8.82	RP	pos	8.82	283.6313			4		0.15754	0.50071	-0.26	-0.02	-0.09	-0.10	-0.24	-0.59	0.15450	0.66058	0.02	0.13	0.16	-0.35	0.24	0.02	-0.07							
RPpos_283.6596_10.3	RP	pos	10.3	283.6596			4		0.02639	0.28143	-0.38	0.03	-0.04	-0.25	-0.19	-0.36	0.94996	0.44537	-0.08	-0.12	-0.05	-0.09	0.07	-0.06	-0.15							
HILICneg_283.7097_1.46	HILIC	neg	1.46	283.7097			4		0.14449	0.48506	-0.34	-0.07	-0.41	-0.16	0.44	-0.38	0.44586	0.89023	0.07	-0.08	-0.13	-0.17	-0.13	-0.14	-0.14							
HILICneg_283.9464_0.51	HILIC	neg	0.51	283.9464			4		0.35760	0.67670	0.27	0.34	0.23	0.35	0.24	0.77	0.04090	0.41186	-0.84	-0.81	-0.81	-0.95	-0.77	-0.55	-0.55							
RPneg_283.97531_6.468	RP	neg	6.468	283.9753			4		0.95665	0.99872	0.09	0.15	0.25	0.11	0.31	0.35	0.05104	0.45025	-0.24	-0.27	-0.17	-0.23	-0.26	-0.36	-0.03							
RPneg_283.98483_4.487	RP	neg	4.487	283.9848			4		0.57899	0.81777	-0.27	-0.26	-0.26	-0.31	-0.24	-0.12	0.44172	0.87936	-0.31	-0.30	-0.30	-0.28	-0.34	-0.29	-0.30							
HILICneg_284.0184_4.7	HILIC	neg	4.7	284.0184			4		0.72262	0.88676	0.10	0.28	0.96	0.19	-0.18	-0.65	0.00287	0.10708	0.75	0.42	0.94	1.30	0.69	0.54	-0.36							
RPneg_284.02496_1.404	RP	neg	1.404	284.0250			4		0.81511	0.92958	0.06	0.36	1.30	0.23	-0.21	-0.69	0.01220	0.23580	0.64	0.43	1.24	1.30	0.78	0.09	-0.47							
RPneg_284.02512_1.312	RP	neg	1.312	284.0251			4		0.87519	0.95325	0.02	0.18	0.92	0.26	-0.25	-0.34	0.00043	0.03316	0.59	0.29	1.09	1.30	0.73	0.23	-0.35							
RPneg_284.08905_2.349	RP	neg	2.349	284.0891			4		0.11950	0.45544	-0.18	-0.01	0.00	-0.26	0.03	-0.20	0.41953	0.86739	-0.10	0.01	-0.14	-0.23	0.09	-0.05	-0.19							
HILICneg_284.0892_1.42	HILIC	neg	1.42	284.0892			4		0.14203	0.48177	-0.20	-0.08	-0.05	-0.25	-0.03	-0.40	0.27009	0.78219	-0.15	-0.18	-0.09	-0.08	-0.08	-0.22	-0.24							
HILICpos_284.0985_4.25	HILIC	pos	4.25	284.0985			4		0.04466	0.33433	-0.42	-0.24	-0.65	-0.45	0.07	0.12	0.31470	0.81205	-0.33	-0.41	0.10	-0.82	-0.40	-0.79	0.17							
RPpos_284.116_11.73	RP	pos	11.73	284.1160			4		0.68822	0.87019	0.33	0.49	0.20	0.37	0.54	-0.26	0.24509	0.76099	0.64	0.90	0.66	0.68	0.59	0.37	0.00							
RPpos_284.128_8.59	RP	pos	8.59	284.1280			4		0.75119	0.90085	-0.07	0.15	0.26	0.10	-0.20																	

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Area Under the Curve (AUC)			IV-Ghrelin or Placebo							
									p	q	d	Baseline	IV-ASA	BrAC=0	p	q	d	Baseline	Post-LD	IV-AC	Post-AC	BrAC=0						
HILICpos_286.1038_1.38	HILIC	pos	1.38	286.1038		4			0.17795	0.52361	-0.29	-0.12	0.00	-0.20	-0.27	-0.42	0.65440	0.94016	-0.03	-0.19	-0.07	0.12	0.06	-0.06	-0.17			
RPneg_286.11511_6.799	RP	neg	6.799	286.1151		4			0.56261	0.81054	0.10	0.07	0.08	0.09	0.27	0.21	0.36516	0.83811	0.06	-0.03	0.02	0.03	0.15	0.16	-0.05			
RPpos_286.2011_5.3	RP	pos	5.3	286.2011		4			0.64463	0.84966	0.07	0.09	0.20	0.12	0.29	0.01	0.09958	0.57123	0.05	0.15	0.08	0.03	0.02	0.05	-0.06			
HILICpos_286.2018_0.94	HILIC	pos	0.94	286.2018		4			0.84195	0.94073	0.03	0.21	0.14	0.13	0.23	-0.14	0.13615	0.63435	0.19	0.19	0.27	0.19	0.14	0.10	0.14			
RPpos_286.2018_5.55	RP	pos	5.55	286.2018		4			0.30862	0.63723	0.38	0.16	0.62	0.34	0.03	0.04	0.04043	0.42377	0.76	0.74	0.94	0.70	0.40	0.62	0.01			
RPneg_286.2025_5.179	RP	neg	5.179	286.2025		4			0.87438	0.95278	0.02	0.11	0.21	0.12	0.23	-0.06	0.49887	0.60009	0.09	0.10	0.17	0.00	0.10	-0.01	0.21			
HILICpos_286.213_0.79	HILIC	pos	0.79	286.2130		4			0.44738	0.74252	-0.22	0.13	0.37	-0.32	-0.19	0.26	0.01518	0.26290	-0.60	-0.29	-0.01	-0.83	0.09	-0.60	-1.11			
HILICpos_286.2284_0.39	HILIC	pos	0.39	286.2284		4			0.95203	0.98240	0.02	-0.30	0.62	0.27	0.61	0.25	0.03650	0.38977	-1.04	-1.12	-0.40	-0.86	0.07	-0.96	0.20			
RPpos_286.2289_10.78	RP	pos	10.78	286.2289		4			0.66043	0.85781	-0.05	0.52	0.49	0.14	0.25	0.33	0.12110	0.60886	-0.45	-0.47	-0.31	-0.51	-0.28	-0.63	-0.39			
RPpos_286.2375_10.01	RP	pos	10.01	286.2375		4			0.38125	0.69515	0.26	0.52	1.04	0.12	1.75	0.27	0.96999	0.99673	-0.04	0.01	0.46	0.11	-0.03	-0.64	-0.14			
HILICpos_286.2737_0.46	HILIC	pos	0.46	286.2737		4			0.77632	0.91190	-0.02	0.28	0.03	0.11	0.09	-0.04	0.25480	0.76996	-0.14	-0.12	-0.12	0.03	-0.14	-0.22	-0.27			
RPneg_286.90964_15.609	RP	neg	15.609	286.9096		4			0.72787	0.88924	-0.08	-0.15	-0.09	0.36	0.01	-0.24	0.12080	0.60830	-0.56	-0.17	-0.39	-0.12	-0.32	-0.58	-0.15			
HILICneg_286.9118_5.41	HILIC	neg	5.41	286.9118		4			0.19647	0.54111	-0.53	0.05	-0.21	0.32	0.02	-0.18	0.13862	0.63846	0.25	0.11	-0.01	0.78	-0.39	0.41	-0.06			
HILICneg_286.951_4.36	HILIC	neg	4.36	286.9510		4			0.06267	0.37022	-0.37	-0.18	-0.19	0.12	-0.15	-0.03	0.33775	0.82457	-0.11	-0.22	-0.14	0.11	-0.29	-0.04	0.07			
HILICneg_286.9512_4.92	HILIC	neg	4.92	286.9512		4			0.02894	0.28933	-0.49	0.07	-0.37	-0.12	-0.06	-0.09	0.70637	0.95248	0.13	-0.22	0.15	0.01	0.38	0.39	0.08			
HILICneg_286.9512_5.71	HILIC	neg	5.71	286.9512		4			0.14427	0.48474	-0.32	-0.04	-0.54	-0.29	0.33	-0.05	0.80176	0.96981	-0.07	-0.09	-0.03	0.30	-1.21	-0.28	0.74			
HILICneg_286.974_6.41	HILIC	neg	6.41	286.9740		4			0.22723	0.56902	-0.28	-0.18	-0.17	-0.21	-0.20	-0.30	0.00705	0.17700	-0.65	-0.65	-0.72	-0.20	-0.66	-0.72	-0.26			
HILICneg_286.9775_5.41	HILIC	neg	5.41	286.9775		4			0.57558	0.81613	0.15	0.25	0.44	0.01	0.38	0.83	0.11025	0.59169	0.06	-0.11	0.04	0.19	0.20	0.22	-0.64			
HILICneg_286.9801_1.42	HILIC	neg	1.42	286.9801		4			0.65284	0.85399	-0.15	0.00	0.41	-0.34	-0.07	1.45	0.60864	0.97983	0.34	-0.07	0.45	0.08	-0.08	0.61	-0.25			
RPneg_287.0238_3.238	RP	neg	3.238	287.0233		4			0.31997	0.64656	0.63	1.05	0.54	1.08	0.24	5.19	0.67015	0.94545	0.09	0.24	0.13	0.09	0.05	-0.10	1.52			
HILICneg_287.0361_0.96	HILIC	neg	0.96	287.0361		4			0.97076	0.98887	-0.05	0.31	0.10	-0.03	0.37	0.27	0.97507	0.99690	0.02	-0.07	0.04	0.18	0.20	0.06	-0.48			
HILICneg_287.0361_4.93	HILIC	neg	4.93	287.0361		4			0.42881	0.72952	-0.19	-0.27	0.64	0.17	-0.03	-0.60	0.01373	0.24969	0.46	0.10	0.85	0.62	0.25	0.59	-0.17			
HILICneg_287.0434_4.21	HILIC	neg	4.21	287.0434		4			0.05656	0.35898	-0.29	0.24	0.80	-0.15	-0.80	-0.52	0.86902	0.98031	-0.12	-0.11	-0.02	0.14	0.02	-0.27	-0.61			
RPneg_287.04391_2.811	RP	neg	2.811	287.0439		4			0.11913	0.45534	-0.33	-0.03	0.44	-0.13	-0.74	-0.52	0.93029	0.98977	-0.03	-0.09	0.02	0.16	0.24	-0.16	-0.44			
HILICneg_287.0515_5.77	HILIC	neg	5.77	287.0515		4			0.77286	0.91047	-0.05	0.20	0.56	-0.19	-0.13	0.64	0.51163	0.90577	0.18	0.00	0.05	1.10	0.38	0.24	-0.33			
RPneg_287.05936_7.547	RP	neg	7.547	287.0594		4			0.49043	0.77149	-0.10	-0.03	-0.05	-0.09	-0.05	-0.16	0.98160	0.99752	0.01	-0.03	0.11	0.11	0.09	0.04	-0.12			
HILICpos_287.0891_5.92	HILIC	pos	5.92	287.0891		4			0.67282	0.86385	-0.07	0.25	0.38	0.27	-0.24	-0.40	0.10988	0.59132	0.41	0.64	0.19	0.65	0.49	0.10	-0.08			
HILICneg_287.0972_6.99	HILIC	neg	6.99	287.0972		4			0.78712	0.91650	-0.11	0.06	0.36	0.08	-0.03	-0.68	0.14980	0.65469	0.19	0.38	0.43	0.57	-0.09	-0.10	-0.34			
HILICpos_287.1003_1.88	HILIC	pos	1.88	287.1003		4			0.00162	0.08184	0.63	0.43	0.82	0.63	0.69	0.80	0.63682	0.93602	0.23	0.16	0.16	0.10	0.31	0.35	0.62			
RPpos_287.1004_3.58	RP	pos	3.58	287.1004		4			0.00308	0.11386	0.71	0.52	0.92	0.79	0.58	1.19	0.96720	0.99654	0.02	-0.04	-0.07	-0.05	0.27	0.20	0.05			
HILICpos_287.1091_6.64	HILIC	pos	6.64	287.1091		4			0.83125	0.93624	-0.06	0.09	0.24	-0.19	0.05	0.17	0.91290	0.98738	0.25	0.18	0.21	0.46	0.47	0.55	-0.17			
HILICpos_287.1092_6.75	HILIC	pos	6.75	287.1092		4			0.93333	0.97624	-0.01	0.27	0.24	-0.08	0.07	0.06	0.73042	0.95757	0.08	0.01	-0.05	0.26	0.45	0.08	-0.15			
HILICpos_287.1464_0.52	HILIC	pos	0.52	287.1464		4			0.03849	0.24801	-0.55	-0.42	0.00	-0.18	-0.63	-0.06	0.73347	0.95590	-0.15	-0.30	-0.21	-0.46	0.24	0.20	-0.15			
RPpos_287.1611_2.93	RP	pos	2.93	287.1611		4			0.44050	0.73751	0.01	0.01	0.16	0.04	0.04	0.10	0.24590	0.76176	-0.11	-0.11	0.00	0.15	0.19	-0.09	-0.05			
RPpos_287.1612_3.3	RP	pos	3.3	287.1612		4			0.33546	0.65844	0.03	0.00	0.14	-0.01	0.04	0.26	0.27969	0.78886	-0.12	-0.07	-0.03	-0.17	-0.13	-0.14	-0.09			
RPpos_287.1852_8.7	RP	pos	8.7	287.1852		4			0.42702	0.72844	0.34	1.14	0.84	0.12	0.85	0.05	0.05511	0.46389	-0.62	-0.53	-0.13	-0.31	-0.25	-0.71	0.27			
HILICneg_287.1865_0.43	HILIC	neg	0.43	287.1865		4			0.12401	0.45927	0.24	0.11	0.88	0.10	0.42	-0.23	0.76865	0.96440	0.02	-0.15	0.38	-0.03	0.03	-0.21	0.25			
RPneg_287.18655_8.374	RP	neg	8.374	287.1866		4			0.65570	0.85565	-0.14	0.30	0.16	0.38	0.16	-0.19	0.04802	0.43769	0.27	0.48	0.51	0.42	0.27	-0.18	-0.16			
RPneg_287.18658_8.704	RP	neg	8.704	287.1866		4			0.63466	0.84511	0.04	0.14	0.95	0.08	0.04	-0.08	0.66448	0.94315	0.01	-0.18	0.40	0.01	0.36	-0.38	-0.15			
HILICpos_287.1965_3.4	HILIC	pos	3.4	287.1965		4			0.71071	0.88196	-0.10	-0.06	-0.11	-0.09	-0.06	-0.42	0.49127	0.89836	-0.07	-0.09	-0.06	-0.08	-0.06	-0.10	-0.04			
RPpos_287.2221_9.82	RP	pos	9.82	287.2221		4			0.53845	0.79801	0.25	0.62	-0.17	0.71	0.74	0.49	0.41672	0.86598	0.47	0.33	0.37	1.45	0.01	0.23	0.42			
HILICpos_287.233_0.78	HILIC	pos	0.78	287.2330		4			0.08404	0.40971	-0.50	-0.81	0.25	0.15	-0.59	-0.84	0.03171	0.36926	0.77	0.49	0.28	1.24	0.84	0.19	-0.62			
HILICpos_287.2434_5.96	HILIC	pos	5.96	287.2434		4			0.02468	0.27578	-0.33	-0.31	-0.23	-0.27	-0.17	-0.31	0.71477	0.95354	0.21	0.17	0.29	0.15	0.15	0.26	0.41			
RPpos_287.2585_11.69	RP	pos	11.69	287.2585		4			0.66992	0.86237	-0.09	1.13	-0.15	0.30	-0.12	-0.05	0.21877	0.73525	-0.24	-0.26	0.01	0.30	-0.18	0.14	-0.36			
RPneg_287.61118_6.273	RP	neg	6.273	287.6112		4			0.43915	0.73636	-0.15	-0.29	0.11	-0.88	0.29	-0.22	0.88564	0.98281	-0.07	-0.10	-0.29	0.11	-0.08	0.21	-0.27			
RPpos_287.6335_10.12	RP	pos	10.12	287.6335		4			0.08449	0.32547	-0.40	-0.18	-0.12	-0.03	-0.12	-0.79	0.36464	0.83786	0.14	0.11	0.23	-0.02	0.18	0.20	-0.06			
RPpos_287.6367_9.87	RP	pos	9.87	287.6367		4			0.17536	0.52072	-0.30	-0.07	0.02	-0.18	-0.15	-0.19	0.19360	0.70855	-0.35	-0.83	-0.19	-0.49	0.24	-0.49	-0.35			
HILICneg_287.7055_1.46	HILIC	neg	1.46	287.7055		4			0.13955	0.47916	-0.32	-0.12	-0.25	-0.07	0.23	0.10	0.84364	0.97663	0.06	-0.24	0.29	-0.09	0.16	0.11	0.13			
RPneg_287.83478_11.195	RP	neg	11.195	287.8348		4			0.00544	0.14526	0.87	0.30	0.96	0.91	1.11	0.38	0.94572	0.99233	-0.02	-0.22	0.21	0.03	0.54	0.31	-0.26			
RPneg_287.83478																												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			IV-AC			Ghrelin			Placebo		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
HILICneg_292.9261_4.12	HILIC	neg	4.12	292.9261			4		0.66277	0.85876	0.08	0.27	0.65	0.10	0.01	-0.66	0.04760	0.43562	0.39	0.37	0.55	0.84	0.27	0.28	-0.06							
HILICneg_293.0118_1.94	HILIC	neg	1.94	293.0118			4		0.75167	0.90110	0.11	0.05	0.52	0.22	0.25	-0.39	0.35823	0.83442	0.53	0.58	0.53	0.60	0.93	0.25	0.12							
RPneg_293.01187_5.022	RP	neg	5.022	293.0118			4		0.38535	0.69778	-0.11	-0.08	-0.08	-0.10	-0.06	-0.28	0.36158	0.83579	0.69	0.50	0.46	0.52	1.21	0.60	1.35							
RPneg_293.01282_6.099	RP	neg	6.099	293.0128			4		0.69809	0.87637	0.06	0.12	0.11	0.17	0.16	-0.25	0.28656	0.79555	4.55	4.11	4.54	4.93	2.54	2.21	0.41							
HILICneg_293.0486_5.85	HILIC	neg	5.85	293.0486			4		0.36120	0.67947	0.27	0.05	0.89	0.39	0.41	0.20	0.94646	0.43475	0.72	0.05	0.52	0.50	0.68	0.70	0.74							
HILICneg_293.0487_6.28	HILIC	neg	6.28	293.0487			4		0.23947	0.58127	0.29	0.21	0.81	0.75	0.58	-0.45	0.38895	0.72474	0.44	0.05	0.26	0.32	0.31	0.12	0.00							
HILICneg_293.0488_4.21	HILIC	neg	4.21	293.0488			4		0.06458	0.37454	-0.34	-0.26	0.18	-0.40	-0.47	0.12	0.73014	0.95751	-0.12	0.16	0.47	-0.41	0.29	-0.13	-0.45							
RPneg_293.04883_8.712	RP	neg	8.712	293.0488			4		0.85012	0.94370	-0.02	0.11	-0.03	-0.06	0.16	0.14	0.01113	0.22372	0.57	0.34	0.85	0.37	0.72	0.18	1.09							
HILICneg_293.049_4.37	HILIC	neg	4.37	293.0490			4		0.40107	0.70919	-0.22	-0.31	-0.17	-0.36	-0.47	0.69	0.57311	0.92240	-0.16	0.12	0.35	-0.54	0.66	-0.13	-0.39							
HILICneg_293.0491_5.96	HILIC	neg	5.96	293.0491			4		0.49740	0.77461	0.05	0.20	0.44	0.21	0.13	-0.75	0.34351	0.82774	0.24	0.13	0.25	0.33	0.42	0.15	-0.07							
HILICneg_293.0499_5.69	HILIC	neg	5.69	293.0499			4		0.43569	0.73382	0.32	-0.39	0.76	0.62	0.64	0.68	0.00871	0.19927	0.40	0.08	0.84	0.72	0.65	0.16	0.23							
HILICneg_293.0548_0.77	HILIC	neg	0.77	293.0548			4		0.00163	0.08213	-0.39	-0.02	0.17	-0.49	-0.29	-0.48	0.46137	0.88584	-0.13	0.20	0.11	-0.03	-0.19	-0.38	-0.31							
HILICneg_293.0551_1.19	HILIC	neg	1.19	293.0551			4		0.98019	0.99237	-0.04	0.21	0.53	0.12	0.21	0.49	0.06471	0.49288	0.32	0.30	0.48	0.37	0.34	0.42	0.40							
HILICneg_293.063_6.99	HILIC	neg	6.99	293.0630			4		0.35317	0.67279	-0.24	0.02	0.22	-0.04	0.01	-0.15	0.13188	0.62692	0.17	0.27	0.34	0.42	-0.20	0.21	-0.10							
RPneg_293.11395_3.561	RP	neg	3.561	293.1140			4		0.62699	0.84211	0.19	0.26	0.80	0.39	0.26	-0.69	0.01544	0.26569	0.45	0.13	0.41	0.51	0.77	0.48	-0.03							
RPpos_293.1261_9.25	RP	pos	9.25	293.1261			4		0.51026	0.78266	0.28	-0.03	0.67	0.85	1.88	0.12	0.19945	0.71508	0.18	-0.18	0.58	0.12	0.43	-0.04	0.18							
RPneg_293.13925_8.06	RP	neg	8.06	293.1393			4		0.82493	0.93365	0.07	0.18	0.15	0.24	0.39	0.48	0.20758	0.72383	-0.22	-0.23	-0.28	-0.14	-0.15	-0.16	-0.28							
HILICpos_293.1457_6.13	HILIC	pos	6.13	293.1457			4		0.92150	0.97165	-0.02	0.24	0.50	0.23	0.05	-0.22	0.02617	0.34137	0.35	0.40	0.42	0.44	0.49	0.31	-0.09							
HILICneg_293.1754_6.22	HILIC	neg	6.22	293.1754			4		0.10066	0.43282	-0.48	-0.17	-0.14	-0.30	0.12	-0.46	0.05750	0.47239	0.68	0.76	0.49	0.17	0.42	0.32	0.58							
HILICneg_293.1758_0.88	HILIC	neg	0.88	293.1758			4		0.76716	0.90862	0.08	1.09	0.66	0.38	0.34	-0.01	0.11262	0.59597	0.13	0.33	0.66	0.07	0.16	0.05	-0.08							
HILICneg_293.1759_0.96	HILIC	neg	0.96	293.1759			4		0.81043	0.92734	-0.07	0.28	0.15	0.16	0.25	-0.19	0.65334	0.94010	-0.02	0.01	0.07	0.21	0.03	-0.17	-0.41							
HILICneg_293.1759_4.1	HILIC	neg	4.1	293.1759			4		0.34579	0.66700	0.36	0.22	0.85	0.66	-0.01	-0.28	0.86521	0.98005	0.03	0.09	0.13	0.77	-0.39	-0.02	-0.44							
HILICneg_293.1761_5.69	HILIC	neg	5.69	293.1761			4		0.72260	0.88676	0.08	-0.28	0.56	0.81	-0.08	0.20	0.13625	0.63435	0.25	0.30	0.27	0.11	0.52	0.02	-0.29							
RPneg_293.1767_8.237	RP	neg	8.237	293.1767			4		0.21965	0.56168	-0.29	0.03	0.21	0.38	0.24	0.63	0.33615	0.82364	-0.23	0.06	-0.35	0.41	-0.55	-0.38	0.19							
HILICpos_293.1769_0.46	HILIC	pos	0.46	293.1769			4		0.30304	0.63234	-0.25	-0.40	0.44	-0.08	-0.12	0.15	0.54139	0.91464	-0.29	-0.16	-0.02	-0.09	-0.08	-1.00	-0.47							
RPpos_293.1786_6.3	RP	pos	6.3	293.1786			4		0.52322	0.78939	-0.16	-0.31	0.69	-0.09	-0.04	0.27	0.46038	0.88511	-0.30	-0.13	-0.08	-0.23	-0.13	-0.84	-0.38							
RPpos_293.1789_10.81	RP	pos	10.81	293.1789			4		0.22440	0.56687	-0.40	-0.67	0.44	-0.21	0.19	-0.09	0.34043	0.82617	-0.28	-0.06	-0.12	0.20	-0.32	-0.64	-0.47							
RPpos_293.1907_2.97	RP	pos	2.97	293.1907			4		0.38895	0.70085	0.08	0.00	0.43	-0.14	0.36	-0.35	0.21903	0.73554	0.43	-0.13	1.14	-0.63	-0.20	1.39	0.42							
HILICpos_293.1947_0.41	HILIC	pos	0.41	293.1947			4		0.82720	0.93463	0.07	0.31	0.32	0.05	0.44	0.08	0.54778	0.91689	-0.32	-0.12	0.30	-0.38	-0.04	-0.49	0.16							
RPpos_293.2093_9.87	RP	pos	9.87	293.2093			4		0.94525	0.97998	-0.05	0.51	0.32	0.30	0.48	0.63	0.00580	0.16053	0.40	0.20	0.59	0.25	1.18	0.19	-0.70							
RPneg_293.21213_9.671	RP	neg	9.671	293.2121			4		0.50837	0.78135	0.18	-0.26	0.29	1.34	0.30	-0.55	0.24559	0.76171	0.21	0.07	0.61	0.16	0.13	0.02	0.07							
RPneg_293.21216_9.417	RP	neg	9.417	293.2122		no MSMS	4		6.20670	0.00077	1.03	0.54	1.37	1.91	1.48	0.05	0.00012	0.01377	0.53	0.54	0.93	0.67	0.12	0.29	-0.04							
RPneg_293.21234_10.051	RP	neg	10.051	293.2123			4		0.17674	0.61158	-0.38	0.13	-0.17	0.33	0.12	-0.28	0.89798	0.95518	-0.12	0.07	0.16	-0.61	0.42	-0.08	0.25							
HILICpos_293.2182_7.08	HILIC	pos	7.08	293.2182			4		0.80439	0.92471	0.01	0.50	0.60	-0.08	-0.18	-0.52	0.00247	0.09833	0.70	0.60	0.83	1.35	0.50	0.14	-0.26							
RPpos_293.285_11.17	RP	pos	11.17	293.2850			4		0.77262	0.91041	0.10	0.17	0.06	0.09	0.91	-0.84	0.09529	0.56392	0.71	2.36	-0.06	0.67	-0.06	0.44	0.30							
RPpos_293.6632_10.69	RP	pos	10.69	293.6632			4		0.02366	0.27152	-0.41	-0.18	-0.21	-0.22	-0.17	-0.35	0.59205	0.92666	-0.01	0.10	0.11	-0.06	0.02	0.10	-0.34							
RPpos_293.6744_5.21	RP	pos	5.21	293.6744			4		0.86834	0.95065	-0.10	0.33	0.52	0.06	-0.34	0.26	0.36844	0.83983	-0.13	-0.40	-0.21	-0.06	0.21	0.13	-0.22							
RPneg_293.78281_10.524	RP	neg	10.524	293.7828			4		0.30678	0.63538	0.18	0.16	0.17	0.42	0.14	0.42	0.03923	0.40372	0.22	0.09	0.07	0.02	0.21	0.48	0.35							
HILICneg_293.84103_7.652	HILIC	neg	7.652	293.8410			4		0.45658	0.74842	-0.09	-0.03	-0.03	-0.09	0.07	-0.14	0.52092	0.90888	-0.04	-0.11	-0.02	-0.15	0.03	0.05	-0.11							
HILICneg_293.8412_0.44	HILIC	neg	0.44	293.8412			4		0.96983	0.98857	-0.04	0.09	-0.05	-0.04	0.13	-0.15	0.17077	0.68293	-0.17	-0.04	-0.25	-0.22	-0.19	-0.03	-0.17							
RPneg_293.93884_2.111	RP	neg	2.111	293.9388			4		0.80411	0.92459	0.07	0.35	1.07	0.24	-0.18	-0.55	0.02238	0.31646	0.85	0.61	1.20	1.01	1.38	0.76	-0.33							
RPneg_294.00476_4.275	RP	neg	4.275	294.0048			4		0.87904	0.95487	0.00	-0.05	-0.01	0.16	0.05	0.26	0.17549	0.69019	-0.27	-0.19	-0.24	-0.26	-0.27	-0.30	-0.27							
RPneg_294.02982_2.112	RP	neg	2.112	294.0298			4		0.56072	0.80943	-0.16	0.16	1.04	0.12	-0.28	-0.86	0.00050	0.03695	1.25	1.07	3.03	2.76	1.71	0.88	-0.07							
HILICneg_294.0471_6.41	HILIC	neg	6.41	294.0471			4		0.04658	0.33877	-0.37	0.17	-0.02																			

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)														IV-Alcohol clamp (IV-AC)													
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo									
									Baseline		IV-ASA		BrAC=0		Baseline		IV-Ghrelin or Placebo		Baseline		Post-LD		IV-AC		Post-AC		BrAC=0									
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d					
HILICneg_299.0174_1.4	HILIC	neg	1.4	299.0174		4		0.16148	0.50533	-0.30	-0.10	0.01	0.24	0.06	0.38	0.04902	0.44202	0.36	0.29	0.14	0.30	0.26	0.48	0.68												
HILICneg_299.0175_4.06	HILIC	neg	4.06	299.0175		4		0.15647	0.49946	0.29	0.31	0.62	0.68	-0.11	0.15	0.05138	0.45163	1.37	0.26	0.02	0.08	3.05	1.91	1.05												
HILICneg_299.0175_5.43	HILIC	neg	5.43	299.0175		4		0.00708	0.16629	-0.50	-0.04	-0.65	0.07	-0.33	-0.98	0.96205	0.99564	0.12	0.18	0.32	0.60	-0.52	-0.28	1.45												
HILICneg_299.0176_0.96	HILIC	neg	0.96	299.0176		4		0.93944	0.97971	0.01	0.07	0.08	0.17	0.44	-0.83	0.81897	0.97238	0.02	0.09	0.01	0.10	0.01	0.01	0.04												
HILICneg_299.0177_1.24	HILIC	neg	1.24	299.0177		4		0.28933	0.62258	-0.33	-0.19	-0.24	0.25	-0.05	0.31	0.98733	0.99245	-0.08	0.21	-0.03	0.37	-0.16	-0.10	-0.36												
HILICneg_299.0177_5.52	HILIC	neg	5.52	299.0177		4		0.64879	0.85145	-0.17	0.05	0.29	-0.27	0.02	-0.35	0.59671	0.92798	-0.03	0.35	-0.40	0.36	-0.15	-0.35	0.01												
HILICneg_299.0177_5.69	HILIC	neg	5.69	299.0177		4		0.81643	0.93016	-0.08	0.11	0.28	0.37	-0.10	-0.34	0.11341	0.59668	0.26	0.36	0.09	0.55	-0.18	0.75	-0.44												
HILICneg_299.0177_1.09	HILIC	neg	1.09	299.0177		4		0.64942	0.85174	-0.16	0.09	0.28	-0.15	0.51	-0.87	0.21291	0.72984	-0.56	0.15	0.26	0.73	-0.42	-0.68	-0.03												
HILICneg_299.0179_3.21	HILIC	neg	3.21	299.0179		4		0.14048	0.48049	-0.45	0.45	-0.12	0.32	0.43	-0.35	0.25640	0.77187	-0.18	-0.07	-0.32	-0.42	-0.82	-0.19	0.42												
HILICneg_299.0179_0.39	HILIC	neg	0.39	299.0179		4		0.59451	0.82625	-0.11	-0.20	0.18	0.69	1.03	-0.44	0.81563	0.97200	-0.05	-0.42	-0.09	-0.13	-0.01	0.22	0.25												
RPneg_299.07092_2.812	RP	neg	2.812	299.0709		4		0.13781	0.47749	-0.32	0.06	0.47	-0.16	-0.70	-0.43	0.89970	0.98550	-0.09	0.08	0.03	0.04	0.21	-0.32	-0.49												
HILICpos_299.0884_5.64	HILIC	pos	5.64	299.0884		4		0.50978	0.78230	0.15	0.26	0.83	0.76	0.26	-0.04	0.04049	0.13315	0.44	0.40	0.37	0.64	0.36	0.53	-0.30												
HILICpos_299.0888_5.8	HILIC	pos	5.8	299.0888		4		0.94435	0.97950	0.09	0.71	0.75	0.26	0.15	-0.96	0.04015	0.40814	1.09	0.79	1.02	1.03	0.60	1.11	0.11												
HILICpos_299.0888_5.92	HILIC	pos	5.92	299.0888		4		0.71713	0.88469	-0.06	0.30	0.45	0.19	-0.20	-0.24	0.00701	0.17677	0.61	0.69	0.78	0.53	0.65	0.55	-0.29												
HILICpos_299.0893_6.18	HILIC	pos	6.18	299.0893		4		0.80953	0.92703	-0.05	0.54	0.61	0.11	0.14	-0.37	0.10697	0.58506	0.91	1.02	0.21	1.01	0.32	-0.16	0.85												
RPneg_299.09543_10.046	RP	neg	10.046	299.0954		4		0.56069	0.80943	0.22	-0.05	0.21	0.79	1.74	0.10	0.23986	0.75656	0.26	0.44	0.63	0.03	0.63	-0.42	0.46												
RPneg_299.10437_6.18	RP	neg	6.18	299.1044		4		0.24719	0.58734	0.53	0.66	0.87	0.40	0.79	-0.11	0.11120	0.59315	0.94	0.87	1.03	1.12	0.99	0.53	0.07												
HILICpos_299.1382_0.39	HILIC	pos	0.39	299.1382		4		0.76740	0.90661	0.09	0.23	-0.11	0.11	0.49	0.12	0.35542	0.83337	0.11	0.37	0.12	0.20	-0.10	0.13	-0.17												
RPpos_299.139_6.83	RP	pos	6.83	299.1390		4		0.25161	0.53955	0.80	1.60	0.53	0.58	0.96	2.44	0.57654	0.92304	-0.09	-0.01	-0.02	-0.09	-0.15	-0.15	-0.07												
RPpos_299.1392_5.69	RP	pos	5.69	299.1392		4		0.26821	0.60409	0.94	2.00	0.44	0.93	0.72	3.01	0.43940	0.87800	-0.13	0.02	0.08	0.08	0.22	-0.14	-0.18												
RPpos_299.1394_11.73	RP	pos	11.73	299.1394		4		0.58014	0.81830	0.38	0.56	0.26	0.41	0.57	-0.25	0.18759	0.70238	0.66	0.98	0.79	0.73	0.55	0.31	0.02												
RPneg_299.1496_8.937	RP	neg	8.937	299.1496		4		0.55807	0.80851	-0.16	0.37	0.26	0.02	0.21	-0.16	0.93080	0.98982	-0.01	-0.17	0.21	0.14	0.24	-0.45	0.74												
RPneg_299.14963_8.395	RP	neg	8.395	299.1496		4		0.36011	0.67864	-0.25	0.24	0.26	0.02	0.05	0.00	0.93402	0.98984	0.03	-0.13	0.30	0.05	0.36	-0.34	0.41												
HILICpos_299.1598_2.46	HILIC	pos	2.46	299.1598		4		0.98347	0.99360	-0.07	-0.06	0.35	0.10	0.05	0.46	0.46538	0.88771	-0.12	-0.20	-0.04	-0.19	0.30	-0.34	-0.25												
RPpos_299.1836_8.14	RP	pos	8.14	299.1836		4		0.12723	0.46383	-0.53	0.16	0.01	0.19	-0.02	-0.06	0.77906	0.96555	-0.02	0.01	0.10	-0.04	-0.19	0.20	-0.04												
RPpos_299.1856_10.16	RP	pos	10.16	299.1856		4		0.57774	0.81697	0.20	0.55	0.59	0.07	0.46	0.04	0.27548	0.78603	-0.54	-0.35	0.08	-0.47	-0.19	-0.78	0.01												
RPpos_299.1898_10.62	RP	pos	10.62	299.1898		4		0.41155	0.71645	0.30	-0.22	0.66	0.74	1.50	0.20	0.68200	0.94823	0.04	-0.35	0.00	0.14	0.35	0.12	0.03												
RPpos_299.2006_9.91	RP	pos	9.91	299.2006		4		0.57678	0.81658	-0.24	0.29	0.22	0.45	0.61	0.18	0.91739	0.98820	-0.04	0.60	-0.17	0.06	0.11	-0.06	-0.59												
RPneg_299.20218_9.5	RP	neg	9.5	299.2022		4		0.01968	0.25518	-0.79	-0.56	-0.94	-0.49	-0.39	-0.25	0.69771	0.95114	-0.02	-0.70	0.03	-0.05	0.07	0.29	0.08												
RPpos_299.2218_9.37	RP	pos	9.37	299.2218		4		0.09657	0.42632	-0.31	0.26	0.25	-0.10	0.45	-0.86	0.33640	0.82394	-0.31	-0.65	0.07	-0.80	0.64	-0.46	-0.11												
RPneg_299.2253_9.221	RP	neg	9.221	299.2253		4		0.87284	0.95254	-0.15	-0.15	-0.13	-0.08	-0.04	-0.12	0.39612	0.85507	-0.01	0.13	-0.15	0.06	0.11	-0.07	0.05												
HILICpos_299.2325_2.11	HILIC	pos	2.11	299.2325		4		0.05454	0.35571	-0.40	-0.33	0.05	0.31	-0.33	-0.23	0.15138	0.65695	0.56	0.09	0.42	0.65	0.59	0.29	0.27												
RPpos_299.237_7.46	RP	pos	7.46	299.2370		4		0.02340	0.27047	0.53	0.30	0.54	0.81	0.64	0.66	0.00950	0.27054	0.28	-0.09	-0.25	0.52	0.38	0.72	0.00												
RPpos_299.2581_11.52	RP	pos	11.52	299.2581		4		0.63547	0.84562	0.07	-0.10	0.24	0.11	0.45	-0.01	0.28275	0.79142	0.34	0.36	0.21	0.06	0.73	0.15	0.08												
RPpos_299.2585_10.21	RP	pos	10.21	299.2585		4		0.89448	0.96179	-0.03	0.30	0.02	0.54	0.80	0.25	0.58354	0.92465	-0.08	-0.31	-0.01	-0.07	-0.16	-0.12	0.17												
RPpos_299.2585_10.08	RP	pos	10.08	299.2585		4		0.93657	0.97709	-0.07	0.06	-0.10	0.70	0.66	0.16	0.39201	0.85247	-0.09	-0.16	-0.09	-0.07	-0.10	-0.12	0.06												
RPneg_299.25879_10.892	RP	neg	10.892	299.2588		4		0.84015	0.93974	0.05	0.09	0.15	0.28	0.74	0.09	0.33059	0.82076	0.74	0.87	0.41	0.59	1.37	1.15	0.95												
HILICneg_299.259_0.44	HILIC	neg	0.44	299.2590		4		0.20522	0.54928	-0.27	-0.03	-0.03	-0.28	0.30	-0.27	0.92778	0.98945	0.04	-0.23	-0.14	0.14	0.15	0.05	0.36												
RPneg_299.25937_10.263	RP	neg	10.263	299.2594		4		0.20779	0.55103	0.48	0.10	0.39	0.87	1.47	0.89	0.65581	0.94036	0.07	-0.11	0.48	-0.06	0.17	0.04	-0.19												
RPneg_299.25937_10.143	RP	neg	10.143	299.2594		4		0.48855	0.99399	0.00	0.08	0.22	1.08	1.68	0.15	0.42586	0.87093	0.13	0.15	0.23	0.22	0.32	0.34	0.03												
RPpos_299.6256_9.95	RP	pos	9.95	299.6256		4		0.21374	0.55622	-0.22	-0.07	-0.01	-0.14	-0.05	-0.30	0.75465	0.96233	-0.05	0.00	0.03	0.05	0.04	-0.04	-0.21												
HILICneg_299.7716_1.45	HILIC	neg	1.45	299.7716		4		0.01954	0.25437	-0.24	0.00	-0.18	0.04	-0.12	0.45	0.87973	0.98264	0.08	-0.03	0.01	0.19	0.07	-0.01	0.35												
HILICneg_299.7854_0.56	HILIC	neg	0.56	299.7854		4		0.48675	0.76878	-0.17	0.11	0.04	0.22	-0.08	-0.32	0.22424	0.74094	0.26	0.00	0.51	0.07	0.47	0.24	-0.07												
HILICneg_299.8659_3.88	HILIC	neg	3.88	299.8659		4		0.24431	0.58521	-0.41	0.31	-0.25	-0.26	-0.01	-0.41	0.28807	0.79407	-0.31	0.60	-0.12	-0.78	0.22	-0.23	-0.55												
HILICneg_299.866_0.56	HILIC	neg	0.56	299.8660		4		0.38805	0.70019	-0.27	0.05	-0.32	0.22	-0.05	0.26	0.64711	0.93869	0.07	0.23	-0.03	0.02	-0.02	0.10	0.31												
HILICneg_299.8664_4.88	HILIC	neg	4.88	299.8664		4		0.49302	0.77302	-0.06	0.43	0.40	-0.22	0.05	0.53	0.06125	0.48317	-0.45	0.01	-0.86	-0.17	-0.14	-0.88	-0.53												
HILICneg_299.8666_1.02	HILIC	neg	1.02	299.8666		4		0.26977	0.60945	-0.26	0.07	-0.31	0.41	-0.31	0.21	0.33316	0.82231	-0.21	-0.16	-0.17	0.51	-0.03	0.06	0.01												
HILICneg_299.9187_0.39	HILIC	neg	0.39	299.9187		4		0.02566	0.27944	0.66	-0.08	0.28	0.59	2.14	0.33	0.92052	0.98863	-0.05	-0.70	-0.03	-0.19	0.11	0.14	0.30												
RPneg_299.91931_14.277	RP	neg	14.277	299.9193		4		0.03246	0.30133	-0.44	0.03	0.43	-0.50	-0.33	0.39	0.15459	0.66077	-0.36	-0.54	-0.23	0.10	-0.04	-0.44	-0.44												
RPneg_299.97275_1.3																																				

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)													
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo								
									Baseline			IV-ASA			IV-Ghrelin or Placebo			Baseline			IV-ASA			IV-Ghrelin or Placebo			Baseline			IV-ASA			IV-Ghrelin or Placebo		
									p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d
HILICneg_301.7691_1.46	HILIC	neg	1.46	301.7691			4		0.00033	0.0385	-0.52	-0.25	-0.41	-0.16	-0.24	0.49	0.67902	0.94718	0.02	0.04	-0.31	0.15	0.00	0.00	0.00	0.45									
HILICpos_301.96_5.92	HILIC	pos	5.92	301.9600			4		0.76754	0.90863	-0.02	0.09	0.53	0.19	-0.33	-0.33	0.49623	0.90020	0.19	0.08	0.14	0.23	0.11	0.45	-0.32										
RPneg_301.96994_2.112	RP	neg	2.112	301.9699			4		0.40861	0.71440	-0.23	0.03	1.03	-0.01	-0.47	-0.84	0.00067	0.04426	1.97	1.43	3.65	4.84	2.17	1.01	-0.34										
RPneg_301.96997_1.306	RP	neg	1.306	301.9700			4		0.21064	0.55369	-0.38	0.11	0.58	-0.02	-0.87	-0.73	0.04060	0.40966	1.08	-0.13	1.63	1.42	0.46	1.01	-0.55										
HILICneg_302.0465_1.5	HILIC	neg	1.5	302.0465			4		0.84532	0.94710	-0.10	0.06	0.18	-0.05	0.08	0.36	0.64947	0.97348	-0.05	0.19	0.27	0.07	0.16	-0.21	-0.03										
HILICneg_302.0565_1.38	HILIC	neg	1.38	302.0565			4		0.78928	0.91762	-0.11	0.01	0.05	-0.06	0.17	0.25	0.06681	0.49923	-0.22	-0.26	-0.13	0.45	-0.31	-0.59											
RPneg_302.06644_1.593	RP	neg	1.593	302.0664			4		0.52490	0.79036	-0.09	0.04	0.14	-0.09	-0.16	-0.44	0.05669	0.46911	-0.36	-0.28	-0.19	-0.52	-0.35	-0.31	-0.55										
HILICneg_302.0743_0.91	HILIC	neg	0.91	302.0743			4		0.64835	0.85135	-0.10	-0.13	-0.01	-0.13	0.06	0.87	0.85826	0.97927	-0.09	-0.15	-0.16	-0.18	-0.13	-0.01	0.19										
HILICneg_302.1007_6.26	HILIC	neg	6.26	302.1007			4		0.04350	0.33163	-0.29	-0.06	0.21	-0.26	0.00	-0.25	0.64907	0.93915	-0.07	-0.26	-0.10	0.13	0.16	-0.02	-0.28										
RPneg_302.11401_3.828	RP	neg	3.828	302.1140			4		0.86493	0.94954	0.06	-0.04	0.16	0.02	-0.01	0.88	0.13877	0.63846	0.06	0.04	-0.06	0.12	0.17	0.15	0.08										
RPpos_302.1159_5.94	RP	pos	5.94	302.1159			4		0.47497	0.76084	0.17	-0.04	-0.05	0.60	0.59	-0.23	0.43546	0.87634	0.27	0.19	0.52	-0.06	0.44	0.05	0.11										
HILICpos_302.138_0.41	HILIC	pos	0.41	302.1380			4		0.19639	0.54109	-0.34	-0.22	-0.19	-0.30	-0.18	-0.32	0.00001	0.00292	1.40	1.55	1.31	1.34	1.45	1.38	0.49										
RPneg_302.17621_8.8	RP	neg	8.8	302.1762			4		0.79823	0.92212	0.04	0.15	0.15	0.11	0.13	-0.34	0.63462	0.93546	0.06	0.05	0.06	0.06	0.12	0.09	-0.10										
HILICpos_302.1955_3.04	HILIC	pos	3.04	302.1955			4		0.07105	0.38622	-0.48	0.00	-0.38	-0.09	0.08	0.30	0.97793	0.99726	-0.11	0.09	0.03	-0.01	0.14	-0.41	0.39										
HILICpos_302.1961_3.69	HILIC	pos	3.69	302.1961			4		0.97116	0.98911	-0.02	-0.06	0.04	-0.01	0.58	0.41	0.11258	0.59534	-0.44	-0.13	-0.52	-0.16	-0.58	0.19	-0.54										
HILICpos_302.1963_1.51	HILIC	pos	1.51	302.1963			4		0.23848	0.58007	0.31	0.22	0.13	0.59	0.52	0.38	0.31492	0.81220	0.07	-0.06	0.39	-0.45	-0.01	0.11	0.18										
RPpos_302.2151_8.27	RP	pos	8.27	302.2151			4		0.72882	0.89600	0.10	0.27	0.31	0.14	0.31	-0.02	0.04504	0.42535	1.00	0.94	0.92	0.73	1.10	0.97	0.67										
RPneg_302.2157_8.526	RP	neg	8.526	302.2157			4		0.92337	0.97251	0.04	0.29	0.20	0.06	0.14	0.01	0.03999	0.40730	0.91	1.14	0.85	0.56	1.06	0.94	1.05										
HILICpos_302.2322_0.76	HILIC	pos	0.76	302.2322			4		0.71080	0.88198	0.19	0.28	0.56	0.25	0.24	-0.29	0.89587	0.98490	0.01	0.07	0.15	-0.01	0.08	-0.01	-0.43										
RPpos_302.2322_6.37	RP	pos	6.37	302.2322			4		0.81145	0.92782	0.03	0.17	0.34	0.07	0.08	0.13	0.66797	0.94452	-0.08	-0.14	0.02	0.08	0.03	-0.03	-0.34										
RPpos_302.2329_6.69	RP	pos	6.69	302.2329			4		0.57824	0.81725	0.27	0.30	0.73	0.60	0.21	-0.29	0.00338	0.11757	0.66	1.01	0.70	0.49	0.66	0.33	-0.28										
RPpos_302.233_9.48	RP	pos	9.48	302.2330			4		0.53624	0.79668	0.22	0.28	1.20	-0.16	0.77	0.42	0.07478	0.51835	-0.71	-0.29	-0.35	0.00	-0.95	-1.59	0.08										
HILICpos_302.2685_0.54	HILIC	pos	0.54	302.2685			4		0.26864	0.60477	0.12	0.53	0.10	0.71	0.35	-0.26	0.25828	0.77327	0.24	0.05	0.46	0.96	0.38	0.44	-0.34										
RPneg_302.66077_8.065	RP	neg	8.065	302.6608			4		0.25478	0.59315	0.11	0.17	0.16	0.07	0.27	0.02	0.17204	0.68499	-0.10	-0.09	-0.17	0.03	-0.11	-0.11	-0.19										
RPneg_302.94943_2.433	RP	neg	2.433	302.9494			4		0.57440	0.81596	-0.16	-0.11	-0.09	-0.25	-0.07	0.21	0.11090	0.59240	0.32	0.34	0.33	0.33	0.30	0.23	0.45										
HILICneg_302.9965_4.87	HILIC	neg	4.87	302.9965			4		0.26459	0.60141	-0.33	-0.49	-0.36	-0.04	0.26	-0.50	0.25302	0.76898	0.27	0.05	0.62	0.46	-0.16	-0.07	0.55										
RPneg_303.00671_5.186	RP	neg	5.186	303.0067			4		0.54451	0.80051	0.19	0.17	0.44	0.55	0.18	0.25	0.67721	0.94718	0.10	-0.06	0.08	0.15	0.27	0.26	-0.09										
RPneg_303.01822_3.269	RP	neg	3.269	303.0182			4		0.55841	0.80857	0.08	0.17	0.43	0.18	-0.13	-0.47	0.09222	0.55862	0.24	0.25	0.26	0.37	0.23	0.11	-0.06										
RPpos_303.0391_4.74	RP	pos	4.74	303.0391			4		0.19695	0.54166	0.15	0.04	0.26	0.00	0.40	0.50	0.68336	0.94838	-0.10	-0.10	-0.02	-0.07	-0.06	-0.14	-0.25										
HILICneg_303.0503_2.57	HILIC	neg	2.57	303.0503			4		0.02625	0.28103	-0.46	-0.22	-0.28	-0.32	-0.51	0.34	0.52715	0.91004	-0.40	-0.15	0.23	-0.68	-0.68	-0.60	0.30										
RPneg_303.05072_1.68	RP	neg	1.68	303.0507			4		0.03435	0.30469	-0.44	-0.16	-0.24	-0.38	-0.55	0.41	0.70024	0.95161	-0.31	0.04	0.22	-0.60	-0.56	-0.52	0.36										
HILICneg_303.067_4.21	HILIC	neg	4.21	303.0670			4		0.51424	0.78467	-0.17	0.39	0.56	0.00	-0.47	-0.58	0.18350	0.69966	0.23	1.11	0.18	-0.01	0.18	-0.56	0.43										
RPneg_303.07205_2.204	RP	neg	2.204	303.0721			4		0.04590	0.33705	0.59	0.14	0.97	0.79	0.59	0.20	0.00272	0.10447	0.29	-0.28	0.06	0.52	0.75	0.63	0.04										
RPneg_303.07205_2.634	RP	neg	2.634	303.0721			4		0.03249	0.30133	0.56	0.13	1.11	0.85	0.65	0.28	0.00001	0.00268	0.23	-0.15	0.08	0.48	0.57	0.49	-0.05										
HILICneg_303.0729_4.92	HILIC	neg	4.92	303.0729			4		0.00396	0.12877	0.54	0.21	1.24	0.54	0.55	0.22	0.05682	0.46932	0.15	-0.27	0.05	0.46	0.53	0.47	-0.17										
HILICpos_303.0738_1.88	HILIC	pos	1.88	303.0738			4		0.00022	0.02854	0.67	0.38	1.00	0.69	0.71	0.68	0.59541	0.92772	0.28	0.20	0.25	0.12	0.45	0.39	0.55										
RPpos_303.0739_3.58	RP	pos	3.58	303.0739			4		0.00261	0.10507	0.49	0.62	0.88	0.43	0.36	0.84	0.41908	0.86713	0.25	-0.03	-0.02	0.17	0.13	0.85	0.59										
RPneg_303.08276_1.882	RP	neg	1.882	303.0828			4		0.97649	0.99092	-0.05	0.13	0.59	0.08	0.23	0.51	0.09427	0.56203	0.23	0.34	0.43	0.09	0.36	0.12	0.27										
HILICneg_303.0833_1.19	HILIC	neg	1.19	303.0833			4		0.45903	0.75035	-0.21	0.11	0.30	-0.06	0.15	0.47	0.39615	0.85510	0.23	0.21	0.45	0.06	0.25	0.31	0.03										
RPpos_303.0868_5.63	RP	pos	5.63	303.0868			4		0.01687	0.23960	0.22	-0.14	0.36	0.39	0.34	-0.27	0.53946	0.91464	0.23	0.01	-0.03	0.12	0.39	0.52	0.34										
RPpos_303.0868_5.79	RP	pos	5.79	303.0868			4		0.01038	0.19826	0.38	-0.03	0.27	0.63	0.67	-0.43	0.81312	0.97170	-0.08	-0.30	-0.13	-0.14	0.04	0.14	-0.03										
RPneg_303.10904_11.103	RP	neg	11.103	303.1090			4		0.30468	0.63375	-0.49	0.27	-0.07	-0.38	0.40	-0.50	0.49605	0.90020	0.12	0.38	0.30	-0.55	0.29	0.09	0.15										
HILICpos_303.124_0.79	HILIC	pos	0.79	303.1240			4		0.22586	0.56751	0.44	0.08	0.70	0.37	0.89	0.39	0.78011	0.96563	-0.11	-0.06	-0.11	-0.16	0.14	-0.45	-0.18										
RPpos_303.1436_6.13	RP	pos	6.13	303.1436			4		0.77837	0.91288	-0.11	0.29	1.02	-0.08	0.56	0.20	0.74645	0.96075	-0.16	1.14	0.06	-0.60	-0.05	-0.08	-0.54										
RPneg_303.14514_7.933	RP	neg	7.933	303.1451			4		0.01212	0.21031	-0.70	-0.12	-0.56	-0.40	0.13	-0.48	0.27119	0.78253	0.36	-0.39	0.67	0.75	0.08	0.15	0.78										
RPpos_303.1806_8.51	RP	pos	8.51	303.1806			4		0.75953	0.90495	-0.05	-0.16	0.47	0.05	0.16	-0.05	0.72296	0.95590	-0.15	-0.05	0.29	-0.20	-0.03	-0.46	0.27										
HILICpos_303.1915_3.92	HILIC	pos	3.92	303.1915			4		0.41476	0.71918	-0.06	0.06	0.06	0.05	0.15	-0.28	0.15828	0.66631	0.10	-0.10	0.13	0.05	0.19	0.13	0.03										
HILICneg_303.2282_5.08	HILIC	neg	5.08	303.2282			4		0.87646	0.95375	-0.05	0.17	0.17	0.03	0.07	-0.21	0.16123	0.67081	0.55	0.06	0.46	0.64	0.66	0.33	0.49										
RPpos_303.232_7.41	RP	pos	7.41	303.2320																															

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline			IV-ASA		BrAC=0		Baseline			Post-LD		IV-AC			Post-AC		BrAC=0		
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d		
RPpos_312.3263_11.52	RP	pos	11.52	312.3263		4		0.95818	0.98513	0.03	0.20	0.04	0.25	0.33	-0.78	0.50448	0.90327	0.41	1.99	-0.37	0.33	-0.36	0.46	0.45				
RPpos_312.6338_10.21	RP	pos	10.21	312.6338		4		0.01192	0.20924	-0.45	-0.21	-0.24	-0.44	-0.09	-0.44	0.14401	0.64623	-0.10	-0.02	-0.08	-0.18	0.00	0.01	-0.19				
RPpos_312.6407_10.37	RP	pos	10.37	312.6407		4		0.05207	0.34975	-0.27	-0.22	-0.01	0.19	-0.05	-0.46	0.64516	0.93813	0.21	0.09	0.35	0.02	0.14	0.40	0.02				
RPneg_312.83658_7.138	RP	neg	7.138	312.8366		4		0.57495	0.81611	-0.12	0.08	0.01	-0.10	0.15	-0.15	0.33682	0.82417	0.15	0.12	0.19	0.10	0.23	0.21	0.04				
HILICneg_312.8788_0.48	HILIC	neg	0.48	312.8788		4		0.05484	0.35258	0.51	0.47	0.61	0.55	0.51	0.71	0.09725	0.56769	-0.65	-0.66	-0.70	-0.43	-0.65	-0.60	-0.40				
RPneg_312.87858_3.73	RP	neg	3.73	312.8786		4		0.08531	0.41318	0.43	0.49	0.44	0.36	0.41	0.72	0.41611	0.85551	-0.40	-0.39	0.32	0.51	-0.40	-0.39	-0.23				
HILICneg_312.9081_3.33	HILIC	neg	3.33	312.9081		4		0.40776	0.71387	-0.26	-0.37	0.19	0.39	0.02	0.43	0.44588	0.88022	0.08	0.70	0.22	-0.50	-0.14	0.42	0.25				
RPneg_313.0369_5.187	RP	neg	5.187	313.0369		4		0.59820	0.82782	0.17	0.10	0.37	0.59	0.16	0.37	0.78734	0.96713	0.06	-0.09	0.03	0.19	0.18	0.14	-0.09				
HILICneg_313.0598_2.33	HILIC	neg	2.33	313.0598		4		0.75611	0.90341	0.12	0.09	0.32	0.34	0.29	0.14	0.07580	0.52146	0.01	-0.09	0.13	0.07	0.02	-0.04	-0.07				
HILICpos_313.1045_6.18	HILIC	pos	6.18	313.1045		4		0.26902	0.60509	-0.28	0.59	0.48	-0.28	-0.49	0.02	0.43716	0.87685	0.30	0.04	0.38	0.89	-0.31	0.23	-0.07				
HILICpos_313.1046_5.64	HILIC	pos	5.64	313.1046		4		0.82074	0.93200	0.04	0.23	0.66	0.71	0.01	-0.16	0.00773	0.18616	0.48	0.46	0.47	0.47	0.46	0.51	-0.03				
HILICpos_313.1048_5.8	HILIC	pos	5.8	313.1048		4		0.63840	0.84710	0.15	0.25	0.55	0.73	0.23	-0.90	0.02273	0.31802	1.66	1.11	1.28	1.73	0.77	1.10	0.36				
HILICpos_313.105_5.92	HILIC	pos	5.92	313.1050		4		0.74636	0.89885	-0.06	0.30	0.41	0.16	-0.09	-0.30	0.06063	0.48129	0.43	0.36	0.41	0.68	0.64	0.27	-0.70				
HILICneg_313.1135_6.17	HILIC	neg	6.17	313.1135		4		0.95171	0.98228	-0.03	0.14	0.43	0.14	0.14	-0.14	0.02371	0.32541	0.28	0.36	0.40	0.49	0.36	0.14	-0.05				
HILICneg_313.1193_0.57	HILIC	neg	0.57	313.1193		4		0.72919	0.88966	0.32	0.60	0.74	0.23	0.71	-0.28	0.13629	0.63435	0.42	0.51	0.53	0.60	0.81	0.38	-0.33				
HILICneg_313.1195_0.4	HILIC	neg	0.4	313.1195		4		0.27405	0.60955	0.57	0.86	0.60	0.36	1.32	-0.02	0.38514	0.84935	0.43	0.50	0.32	0.62	0.31	0.53	0.12				
RPneg_313.11975_8.449	RP	neg	8.449	313.1198		4		0.76108	0.90510	0.08	0.00	0.09	0.22	0.61	-0.02	0.53559	0.91399	-0.10	-0.27	-0.06	-0.06	-0.08	-0.08	-0.11				
RPneg_313.1209_7.552	RP	neg	7.552	313.1201		4		0.72781	0.89922	0.26	0.62	0.62	0.06	0.60	0.27	0.31591	0.81259	0.44	0.55	0.61	0.89	0.56	0.66	-0.34				
RPneg_313.12012_7.164	RP	neg	7.164	313.1201		4		0.42088	0.72359	0.42	0.65	0.66	0.23	0.84	-0.09	0.08839	0.70328	0.83	0.63	0.79	1.18	0.66	0.93	0.18				
RPneg_313.12015_6.685	RP	neg	6.685	313.1202		4		0.70838	0.88092	0.28	0.47	0.70	0.17	0.66	0.13	0.19578	0.71031	0.40	0.62	0.54	0.81	0.54	0.34	-0.35				
RPneg_313.12021_6.969	RP	neg	6.969	313.1202		4		0.59436	0.82618	0.32	0.80	0.47	0.00	0.74	0.10	0.23733	0.75586	0.63	0.66	0.61	1.24	0.33	0.88	-0.14				
HILICpos_313.1247_2.47	HILIC	pos	2.47	313.1247		4		0.03173	0.29834	-0.43	-0.19	-0.22	-0.31	-0.52	0.36	0.61121	0.93043	-0.35	-0.06	0.13	-0.56	-0.56	-0.56	0.21				
HILICpos_313.1542_1.71	HILIC	pos	1.71	313.1542		4		0.70733	0.88052	-0.16	-0.33	0.02	-0.42	0.35	0.12	0.19301	0.70820	0.69	0.37	0.29	0.69	0.33	1.20	0.80				
HILICpos_313.1611_0.95	HILIC	pos	0.95	313.1611		4		0.48934	0.77067	-0.22	-0.08	0.08	0.14	0.62	-0.13	0.66028	0.94253	-0.03	0.24	0.05	-0.36	-0.07	0.15	0.11				
HILICpos_313.1614_5.92	HILIC	pos	5.92	313.1614		4		0.55664	0.80760	-0.16	0.41	0.33	0.08	-0.01	-0.62	0.16026	0.66924	0.30	0.64	0.34	0.59	-0.16	0.28	0.20				
HILICpos_313.1827_5.12	HILIC	pos	5.12	313.1827		4		0.54411	0.80043	-0.22	0.20	0.58	-0.19	-0.01	0.30	0.00360	0.12242	-0.26	-0.25	-0.23	-0.41	-0.10	0.00	-0.42				
RPpos_313.2093_5.39	RP	pos	5.39	313.2093		4		0.31316	0.64120	-0.29	-0.11	0.64	-0.25	-0.32	0.27	0.00420	0.13425	-0.46	-0.34	-0.20	-0.49	-0.21	-0.26	-0.42				
RPpos_313.237_10.63	RP	pos	10.63	313.2370		4		0.16920	0.51386	0.41	0.63	0.71	0.39	0.84	0.18	0.46344	0.88698	-0.30	-0.24	-0.08	-0.27	-0.09	-0.79	0.12				
RPpos_313.2372_8.91	RP	pos	8.91	313.2372		4		0.02028	0.25830	0.52	0.24	1.27	0.64	0.03	0.50	0.02845	0.35209	0.49	0.05	0.60	1.14	-0.23	0.34	0.45				
RPneg_313.23856_10.662	RP	neg	10.662	313.2386		4		0.24845	0.58802	0.23	0.42	0.36	0.35	0.94	0.10	0.21622	0.73241	0.40	0.61	0.41	0.44	0.41	0.37	0.35				
RPneg_313.23865_8.988	RP	neg	8.988	313.2387		4		0.12995	0.46690	0.46	0.06	1.20	1.07	0.10	-0.09	0.00000	0.00016	0.76	0.18	1.15	0.70	0.78	0.91	0.41				
RPneg_313.2388_9.198	RP	neg	9.198	313.2388		4		0.03281	0.30196	0.45	-0.10	1.84	0.55	0.04	0.21	0.00011	0.01253	0.64	-0.33	1.04	1.16	0.06	0.27	-0.40				
HILICneg_313.239_0.42	HILIC	neg	0.42	313.2390		4		0.00180	0.08579	0.14	0.09	1.97	1.22	0.00	-0.26	0.00388	0.12863	0.80	0.75	0.78	1.30	0.38	0.70	-0.08				
RPneg_313.23914_9.13	RP	neg	9.13	313.2391		4		0.01341	0.20608	0.66	-0.05	2.13	0.65	1.13	0.09	0.00001	0.00149	0.89	0.86	1.06	1.64	0.43	0.14	-0.53				
RPpos_313.2734_11.52	RP	pos	11.52	313.2734		4		0.19210	0.53748	0.16	0.03	0.14	0.16	0.65	-0.06	0.50578	0.90356	0.14	0.20	0.08	-0.13	0.46	0.15	0.07				
RPpos_313.2737_10.16	RP	pos	10.16	313.2737		4		0.84151	0.94052	-0.10	0.15	0.05	0.32	0.39	0.20	0.51541	0.90684	-0.07	-0.15	-0.07	-0.05	-0.13	0.12	-0.13				
RPpos_313.2737_10.08	RP	pos	10.08	313.2737		4		0.96943	0.98852	-0.06	0.09	-0.14	0.79	0.84	0.17	0.47780	0.89355	-0.09	-0.07	-0.06	-0.10	-0.11	-0.10	-0.01				
RPpos_313.6418_10.37	RP	pos	10.37	313.6418		4		0.02006	0.25736	-0.31	-0.15	-0.14	-0.17	0.06	-0.27	0.84599	0.97713	0.17	0.24	0.20	-0.04	0.20	0.49	-0.22				
RPpos_313.642_10.48	RP	pos	10.48	313.6420		4		0.02137	0.26302	-0.18	-0.13	-0.20	-0.02	0.10	-0.20	0.47151	0.89111	0.43	0.54	0.35	0.57	0.35	0.41	-0.14				
HILICneg_313.8604_0.48	HILIC	neg	0.48	313.8604		4		0.86719	0.95029	0.02	-0.05	0.20	-0.09	0.07	0.68	0.06304	0.48784	-0.43	-0.45	-0.45	-0.43	-0.35	-0.45	-0.37				
HILICneg_314.0257_1.02	HILIC	neg	1.02	314.0257		4		0.00053	0.04340	0.48	0.39	0.44	0.88	0.46	0.30	0.87733	0.98224	0.03	-0.21	-0.34	0.05	0.37	0.39	-0.31				
HILICpos_314.0287_4.84	HILIC	pos	4.84	314.0287		4		0.51727	0.78667	0.18	0.18	0.98	0.44	-0.04	-0.34	0.00489	0.14722	1.06	0.82	0.55	2.03	1.08	0.53	-0.36				
RPneg_314.03192_6.594	RP	neg	6.594	314.0319		4		0.26653	0.60285	-0.22	-0.24	-0.20	-0.02	-0.20	0.22	0.28055	0.78924	-0.28	-0.29	-0.09	-0.39	-0.51	-0.12	-0.16				
HILICneg_314.0372_4.33	HILIC	neg	4.33	314.0372		4		0.86053	0.94770	0.04	0.26	0.45	0.10	0.09	-0.29	0.02778	0.34876	0.38	0.23	0.49	0.15	0.38	0.26	0.10				
HILICpos_314.0752_7.24	HILIC	pos	7.24	314.0752		4		0.57573	0.81616	0.11																		

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BRAC=0		Baseline		IV-Ghrelin		BRAC=0		Baseline		Post-LD		IV-Ghrelin		IV-AC		Post-AC		BRAC=0	
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	d	d	p	q	d	d
RPpos_315.6671_10.87	RP	pos	10.87	315.6671			4		0.00392	0.12836	-0.63	0.09	-0.22	-0.52	-0.99	-0.26	0.67849	0.94718	0.04	-0.08	0.01	0.02	0.29	0.08	-0.21							
RPpos_315.6873_5.39	RP	pos	5.39	315.6873			4		0.53633	0.79675	-0.20	-0.14	0.76	-0.06	-0.22	0.25	0.00059	0.04048	-0.47	-0.25	-0.48	-0.26	-0.18	-0.17	-0.57							
RPneg_315.83292_7.43	RP	neg	7.43	315.8329			4		0.06646	0.37877	-0.18	0.15	0.01	0.05	-0.17	0.24	0.51369	0.90648	-0.06	-0.03	-0.23	-0.22	-0.08	0.11	-0.28							
HILICneg_315.8332_4.88	HILIC	neg	4.88	315.8332			4		0.30979	0.63825	-0.13	0.47	0.36	-0.27	-0.03	0.57	0.05214	0.45452	-0.41	0.11	-0.92	-0.14	-0.09	-0.77	-0.60							
HILICneg_315.8583_0.48	HILIC	neg	0.48	315.8583			4		0.86018	0.94767	0.02	-0.01	0.16	-0.07	0.02	0.37	0.07229	0.51276	-0.43	-0.19	-0.46	-0.46	-0.40	-0.40	-0.30							
HILICpos_315.8767_0.94	HILIC	pos	0.94	315.8767			4		0.53339	0.79625	0.08	0.11	0.27	0.02	0.28	-0.24	0.00749	0.13338	-0.48	-0.44	-0.52	-0.48	-0.30	-0.37	-0.52							
RPneg_316.01428_2.112	RP	neg	2.112	316.0143			4		0.53112	0.79398	-0.18	0.17	1.08	0.08	-0.51	-0.72	0.00015	0.01612	1.36	0.80	2.80	2.82	1.48	1.01	-0.07							
HILICneg_316.042_5.18	HILIC	neg	5.18	316.0420			4		0.37458	0.69002	-0.26	0.05	1.12	0.50	0.25	-0.06	0.20977	0.72623	0.41	-0.11	0.86	0.68	0.74	-0.03	-0.16							
RPneg_316.06189_9.257	RP	neg	9.257	316.0619			4		0.29720	0.62796	0.39	0.11	1.10	0.69	0.76	-0.47	0.45146	0.88250	0.36	0.45	0.62	0.01	-0.14	0.27	-0.04							
HILICneg_316.0817_0.97	HILIC	neg	0.97	316.0817			4		0.61776	0.83757	0.16	0.32	0.26	0.19	0.56	-0.28	0.30178	0.80313	0.26	0.27	0.37	-0.04	0.78	0.08	0.23							
RPpos_316.0969_7.99	RP	pos	7.99	316.0969			4		0.97929	0.99202	0.00	0.03	0.04	0.08	0.15	-0.01	0.08997	0.55360	0.50	0.58	0.48	0.44	0.41	0.53	0.45							
HILICneg_316.1006_0.89	HILIC	neg	0.89	316.1006			4		0.08131	0.40595	0.38	0.27	0.80	0.50	0.49	-0.06	0.06172	0.48417	0.42	0.39	0.45	0.35	0.63	1.00	-0.23							
HILICneg_316.1018_2.98	HILIC	neg	2.98	316.1018			4		0.79793	0.92198	0.09	0.20	0.02	0.24	0.41	0.22	0.27027	0.78219	0.28	-0.01	-0.04	0.22	0.41	0.61	-0.05							
HILICpos_316.1178_0.44	HILIC	pos	0.44	316.1178			4		0.48636	0.76842	-0.13	-0.05	-0.22	-0.07	0.07	-0.14	0.10501	0.58172	3.86	5.21	3.57	3.42	3.16	3.20	2.59							
RPpos_316.1187_7.39	RP	pos	7.39	316.1187			4		0.36817	0.68469	-0.13	-0.08	-0.05	-0.12	-0.02	-0.20	0.09612	0.56553	3.10	2.91	3.01	2.97	3.44	3.16	2.50							
RPneg_316.1188_6.942	RP	neg	6.942	316.1188			4		0.55864	0.80871	-0.16	-0.28	-0.04	-0.04	0.26	-0.33	0.00020	0.01980	1.71	2.30	1.76	1.57	1.78	1.38	0.62							
RPneg_316.16623_4.707	RP	neg	4.707	316.1662			4		0.91788	0.97020	-0.01	0.25	0.37	0.35	0.02	0.25	0.59625	0.92780	0.20	0.17	0.30	0.00	0.27	0.18	0.13							
RPpos_316.1761_2.12	RP	pos	2.12	316.1761	166.0854 (100), 120.0807 (75), 84.9596 (15), 100.0759 (15), 316.0515 (10)		4		0.58574	0.82162	-0.14	0.25	1.02	0.12	-0.30	-0.74	0.00000	0.00037	0.93	0.74	1.57	1.56	1.08	0.74	0.00							
HILICpos_316.212_3.04	HILIC	pos	3.04	316.2120			4		0.09547	0.42560	-0.43	-0.39	-0.29	-0.03	0.21	0.34	0.91375	0.98749	-0.06	0.37	0.04	0.58	-0.02	-0.17	0.19							
RPneg_316.24927_7.255	RP	neg	7.255	316.2493			4		0.17681	0.52261	0.62	0.33	0.84	0.57	0.63	-0.15	0.04464	0.42421	0.90	1.01	0.93	0.77	0.48	0.76	-0.06							
HILICneg_316.9208_0.92	HILIC	neg	0.92	316.9208			4		0.44825	0.74281	-0.17	-0.22	-0.14	0.15	-0.20	-0.05	0.27660	0.78625	-0.29	-0.46	-0.04	-0.19	-0.33	-0.16	-0.20							
HILICneg_316.9472_4.42	HILIC	neg	4.42	316.9472			4		0.19947	0.54398	-0.46	-0.14	0.05	-0.16	-0.17	0.03	0.82509	0.97379	-0.03	0.05	-0.08	-0.22	0.04	0.06	0.26							
RPneg_316.96277_2.111	RP	neg	2.111	316.9628			4		0.68007	0.86708	-0.10	0.09	1.05	0.06	-0.40	-0.72	0.00016	0.01670	1.49	0.88	2.28	2.14	1.69	1.08	0.04							
RPneg_316.96289_1.302	RP	neg	1.302	316.9629			4		0.60020	0.82875	0.13	-0.09	1.14	0.20	-0.12	-0.37	0.24414	0.76042	0.35	0.26	1.13	2.19	0.10	-0.21	-0.13							
RPneg_316.96402_3.731	RP	neg	3.731	316.9640			4		0.21270	0.55529	0.31	0.40	0.65	0.16	0.32	0.55	0.17842	0.69344	-0.50	-0.38	-0.40	-0.46	-0.54	-0.46	-0.39							
HILICpos_316.9816_5.33	HILIC	pos	5.33	316.9816			4		0.11791	0.45349	-0.44	-0.13	0.25	-0.34	-0.35	-0.20	0.54964	0.91736	-0.28	0.22	-0.04	-0.62	-0.13	-0.28	0.18							
HILICneg_316.995_3.58	HILIC	neg	3.58	316.9950			4		0.47333	0.75975	0.16	0.31	0.40	-0.01	0.54	0.28	0.73687	0.95869	-0.05	-0.27	-0.04	-0.13	0.28	-0.25	-0.19							
HILICneg_317.021_4.11	HILIC	neg	4.11	317.0210			4		0.03760	0.31436	0.41	0.35	1.43	0.60	0.02	-0.54	0.00555	0.15687	1.12	0.21	1.44	1.56	0.55	0.15	-0.04							
HILICneg_317.0486_6.29	HILIC	neg	6.29	317.0486			4		0.87390	0.95270	0.06	0.16	0.60	0.30	-0.13	-0.59	0.21102	0.72774	0.27	0.12	0.19	0.92	0.20	0.07	-0.55							
RPneg_317.06326_2.811	RP	neg	2.811	317.0633			4		0.22481	0.56687	-0.29	0.16	0.43	-0.05	-0.65	-0.69	0.81085	0.97155	-0.12	-0.08	-0.04	0.13	0.00	-0.28	-0.47							
RPneg_317.06998_6.17	RP	neg	6.17	317.0700			4		0.65976	0.85748	0.07	0.03	0.17	0.16	0.06	-0.01	0.57839	0.94718	-0.13	0.05	0.10	0.13	0.15	0.27	0.00							
RPpos_317.105_8.45	RP	pos	8.45	317.1055			4		0.21805	0.55999	-0.35	-0.11	-0.16	-0.20	-0.28	-0.12	0.82554	0.97389	-0.16	-0.05	0.34	0.71	0.33	0.97	0.29							
RPpos_317.1051_8.51	RP	pos	8.51	317.1051			4		0.36609	0.68319	-0.25	-0.19	0.01	-0.07	-0.24	0.21	0.70583	0.95248	-0.05	-0.27	1.14	0.54	0.28	-0.12	-0.02							
RPneg_317.11404_5.605	RP	neg	5.605	317.1140			4		0.19938	0.54392	0.51	0.67	0.92	0.44	0.79	-0.20	0.16586	0.67711	0.97	1.33	1.18	1.28	0.90	0.85	0.05							
RPneg_317.11407_5.793	RP	neg	5.793	317.1141			4		0.25220	0.59103	0.49	0.57	0.96	0.46	0.79	-0.22	0.13179	0.62676	1.00	1.44	1.19	1.31	0.99	0.76	0.09							
RPneg_317.11407_5.913	RP	neg	5.913	317.1141			4		0.26389	0.60089	0.47	0.58	0.92	0.45	0.74	-0.25	0.15081	0.65597	1.00	1.46	1.22	1.30	0.98	0.71	0.20							
RPneg_317.12372_11.543	RP	neg	11.543	317.1237			4		0.62545	0.84113	0.24	0.01	0.22	0.56	0.36	0.65	0.47109	0.89070	0.26	-0.06	0.86	-0.11	-0.11	1.30	-0.21							
HILICneg_317.1373_0.96	HILIC	neg	0.96	317.1373			4		0.57965	0.81821	-0.09	0.00	0.38	-0.18	0.48	-0.47	0.58938	0.92655	-0.12	-0.25	0.39	-0.11	0.07	-0.21	-0.11							
RPneg_317.15021_6.345	RP	neg	6.345	317.1502			4		0.11860	0.45492	0.72	0.18	1.03	0.85	1.00	-0.18	0.02482	0.33212	0.47	0.16	0.32	0.58	0.73	0.60	0.30							
RPneg_317.15039_6.164	RP	neg	6.164	317.1504			4		0.10450	0.43740	0.50	0.03	0.73	0.52	0.93	-0.13	0.03502	0.38303	0.71	0.28	0.47	0.85	0.88	0.91	0.72							
RPneg_317.16086_7.745	RP	neg	7.745	317.1609			4		0.23487	0.57650	0.35	-0.18	0.91	0.56	0.10	0.05	0.00609	0.16487	0.61	0.48	0.30	-0.06	0.78	0.61	0.04							
RPpos_317.164_10.03	RP	pos	10.03	317.1640			4		0.24301	0.58044	0.79	-0.06	0.65	0.94	1.36	0.00	0.43958	0.87818	0.16	0.67	0.52	0.15	0.27	-0.08	-0.10							
RPpos_317.1795_10.65	RP	pos	10.65	317.1795			4		0.00043	0.03792	1.25	-0.09	0.66	0.81	2.29	0.04	0.94686	0.99279	-0.07	-0.06	0.32	-0.17	-0.10	-0.18	-0.06							
RPneg_317.22513_11.188	RP	neg																														

Feature_ID	Mode	Ionization	Average_RT.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BRAC=0		Baseline		IV-Ghrelin or Placebo		BRAC=0		Baseline		Post-LD		IV-Ghrelin or Placebo		BRAC=0					
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d
RPneg_323.22037_13.185	RP	neg	13.185	323.2204			4		0.53767	0.79745	-0.20	0.777	-0.39	-0.04	0.25	-0.30	0.24445	0.76082	-0.21	0.46	-0.35	-0.21	-0.37	-0.34	-0.16							
RPneg_323.22314_10.664	RP	neg	10.664	323.2231			4		0.00056	0.04497	1.50	-0.15	0.65	0.96	2.82	-0.03	0.92774	0.98945	-0.07	-0.03	0.32	-0.14	-0.14	-0.25	-0.07							
RPpos_323.2249_11.52	RP	pos	11.52	323.2249			4		0.20584	0.54951	-0.29	-0.15	-0.06	0.19	0.12	-0.16	0.82393	0.97343	-0.06	-0.58	-0.41	-0.55	0.44	0.34	-0.44							
RPneg_323.25952_10.719	RP	neg	10.719	323.2595			4		0.88236	0.95651	0.06	0.24	0.14	-0.01	0.32	0.33	0.54088	0.91464	0.42	0.28	0.34	0.02	0.36	0.37	0.53							
RPpos_323.9958_3.73	RP	pos	3.73	323.9958			4		0.22448	0.56687	0.35	0.27	0.30	0.14	0.76	0.00	0.18116	0.69610	-0.60	-0.46	-0.48	-0.57	-0.48	-0.55	-0.63							
RPpos_323.9960_2.44	RP	pos	2.44	323.9960			4		0.68150	0.86713	-0.13	0.00	-0.06	-0.22	-0.09	0.22	0.132858	0.62930	0.30	0.42	0.30	0.07	0.31	0.20	0.54							
RPneg_324.06644_9.362	RP	neg	9.362	324.0664			4		0.23474	0.57638	-0.24	-0.15	0.42	0.23	0.41	0.02	0.42457	0.87062	0.07	0.51	0.29	0.01	-0.35	0.06	-0.32							
RPneg_324.07248_2.841	RP	neg	2.841	324.0725			4		0.81517	0.92958	0.08	0.30	0.09	0.16	0.15	-0.10	0.23129	0.74808	0.18	0.07	0.25	0.21	0.07	0.18	0.36							
RPneg_324.07263_1.616	RP	neg	1.616	324.0726			4		0.04091	0.32333	0.34	0.35	0.63	0.31	0.41	0.18	0.11003	0.59152	0.23	0.03	0.17	0.26	0.28	0.23	0.40							
HLICneg_324.0732_5.73	HLIC	neg	5.73	324.0732			4		0.01730	0.24173	0.36	0.31	0.62	0.35	0.43	0.13	0.12910	0.62214	0.22	-0.04	0.08	0.17	0.25	0.45	0.37							
RPpos_324.0996_8.3	RP	pos	8.3	324.0996			4		0.82114	0.93204	0.00	0.15	0.25	0.09	-0.02	-0.37	0.03924	0.40374	1.65	1.51	1.24	1.83	2.09	1.35	0.86							
HLICpos_324.1101_4.21	HLIC	pos	4.21	324.1101			4		0.36251	0.68070	0.24	0.20	1.22	0.32	-0.12	-0.35	0.00898	0.20151	0.66	0.51	1.07	1.28	0.67	0.15	-0.54							
HLICpos_324.1109_3.95	HLIC	pos	3.95	324.1109			4		0.28478	0.61830	0.24	0.22	1.06	0.25	0.05	-0.58	0.02738	0.34702	0.80	0.30	1.01	1.67	0.78	0.16	-0.47							
RPpos_324.2014_5.64	RP	pos	5.64	324.2014			4		0.34078	0.66309	-0.34	0.38	0.60	-0.13	0.69	-0.10	0.72456	0.95590	-0.13	0.79	-0.25	-0.21	0.18	-0.50	-0.83							
HLICpos_324.2014_0.41	HLIC	pos	0.41	324.2014			4		0.41119	0.71620	-0.29	0.05	0.22	-0.07	0.64	-0.07	0.56245	0.92016	-0.14	0.74	0.05	-0.48	0.03	-0.44	-0.26							
RPpos_324.327_11.37	RP	pos	11.37	324.3270			4		0.87735	0.95405	0.06	0.39	0.10	0.16	0.19	-0.81	0.88651	0.98320	0.12	1.06	-0.04	0.29	-0.41	0.12	0.01							
RPpos_324.6457_5.45	RP	pos	5.45	324.6457			4		0.23977	0.58097	0.23	0.31	0.49	0.12	0.30	0.54	0.43574	0.87641	-0.18	-0.21	-0.05	-0.07	-0.19	-0.24	-0.34							
RPpos_324.7126_6.67	RP	pos	6.67	324.7126			4		0.89730	0.96266	-0.05	0.33	0.34	0.41	-0.18	0.51	0.47985	0.89457	-0.29	0.04	-0.14	-0.22	0.12	-0.82	-0.25							
HLICneg_324.8415_0.53	HLIC	neg	0.53	324.8415			4		0.00941	0.18925	-0.33	-0.12	-0.19	-0.12	-0.12	0.34	0.58352	0.94838	0.00	0.03	-0.08	-0.12	-0.14	0.04	0.08							
HLICneg_324.9132_4.05	HLIC	neg	4.05	324.9132			4		0.56963	0.81380	-0.16	0.11	0.73	0.00	-0.51	0.83	0.00074	0.04684	0.95	0.64	1.92	1.93	0.83	0.27	0.05							
RPneg_324.91348_2.114	RP	neg	2.114	324.9135			4		0.88331	0.95680	-0.04	0.16	0.76	0.16	-0.20	-0.74	0.00296	0.10911	0.93	0.40	1.23	1.58	0.61	1.21	0.04							
HLICneg_324.9868_1.49	HLIC	neg	1.49	324.9868			4		0.01267	0.21548	-0.57	-0.18	-0.35	-0.70	-0.46	-0.22	0.00000	0.00032	-0.68	-0.37	-0.33	-0.66	-0.87	-0.91	-0.57							
HLICneg_325.0045_1.59	HLIC	neg	1.59	325.0045			4		0.79539	0.92065	0.06	0.23	0.34	0.05	0.33	-0.07	0.04235	0.41598	-0.39	-0.35	-0.17	-0.50	-0.30	-0.30	-0.41							
HLICneg_325.0324_2.57	HLIC	neg	2.57	325.0324			4		0.03472	0.30583	-0.48	-0.22	-0.33	-0.29	-0.54	0.38	0.44815	0.88106	-0.46	-0.11	0.09	-0.84	-0.77	-0.60	0.33							
HLICpos_325.0378_4.18	HLIC	pos	4.18	325.0378			4		0.65859	0.85709	-0.05	0.18	0.23	0.14	0.12	0.01	0.13320	0.63013	0.14	0.46	0.08	-0.11	0.23	0.23	0.16							
RPneg_325.04163_2.835	RP	neg	2.835	325.0416			4		0.84886	0.94346	-0.01	0.05	0.05	0.04	0.10	-0.18	0.14814	0.65146	1.58	1.59	2.05	1.38	1.44	1.66	1.10							
HLICneg_325.0727_1.37	HLIC	neg	1.37	325.0727			4		0.92436	0.97276	-0.14	0.04	0.04	-0.08	-0.31	-0.49	0.06591	0.49610	-0.33	-0.25	-0.14	-0.38	-0.26	-0.37	-0.64							
RPneg_325.0831_8.768	RP	neg	8.768	325.0831			4		0.27295	0.60896	-0.19	-0.09	-0.20	-0.24	0.02	-0.01	0.16119	0.67081	0.09	0.02	0.17	-0.06	0.17	-0.04	0.31							
HLICneg_325.1257_6.28	HLIC	neg	6.28	325.1257			4		0.18591	0.53269	0.38	0.13	0.88	0.49	0.57	-0.41	0.09817	0.56890	0.36	0.26	0.38	0.43	0.52	0.19	-0.12							
RPpos_325.1264_6.13	RP	pos	6.13	325.1264			4		0.81239	0.92836	-0.09	0.42	1.02	-0.12	0.57	0.18	0.97022	0.99673	-0.03	1.43	0.03	-0.46	0.00	-0.01	-0.48							
HLICpos_325.1514_3.4	HLIC	pos	3.4	325.1514			4		0.33884	0.66166	-0.15	-0.12	-0.12	-0.15	-0.18	-0.58	0.59940	0.92780	-0.08	-0.10	-0.08	0.01	-0.09	-0.15	-0.07							
RPpos_325.1773_5.82	RP	pos	5.82	325.1773			4		0.59202	0.82490	0.21	0.60	-0.20	0.66	0.66	0.48	0.88916	0.85117	0.57	0.20	0.26	0.37	0.05	0.42	0.51							
HLICneg_325.1846_0.48	HLIC	neg	0.48	325.1846			4		0.32311	0.55209	-0.30	-0.25	-0.40	-0.02	-0.34	0.08	0.80794	0.98699	0.07	0.30	0.69	-0.25	0.14	-0.30	0.57							
RPpos_325.1989_8.08	RP	pos	8.08	325.1989			4		0.07944	0.40310	-0.74	-0.13	-0.08	-0.17	-0.52	0.22	0.67035	0.94545	0.17	0.35	0.76	0.00	0.34	-0.67	0.82							
RPpos_325.2057_10.74	RP	pos	10.74	325.2057			4		0.00947	0.18974	1.01	-0.05	0.28	0.71	2.36	-0.24	0.93539	0.99000	-0.01	-0.17	0.55	-0.23	-0.05	-0.14	-0.07							
RPpos_325.2112_10.9	RP	pos	10.9	325.2112			4		0.00221	0.09529	1.27	-0.13	0.88	1.14	2.09	0.10	0.62230	0.93343	-0.19	-0.39	0.04	-0.25	-0.05	-0.30	-0.05							
HLICpos_325.2213_0.49	HLIC	pos	0.49	325.2213			4		0.86711	0.95028	-0.07	0.19	0.47	-0.04	0.28	-0.25	0.76937	0.96544	0.09	-0.01	0.43	0.16	0.01	-0.22	0.31							
RPneg_325.23767_10.917	RP	neg	10.917	325.2377			4		0.00062	0.04767	1.61	-0.11	0.70	1.27	2.63	0.01	0.39435	0.85426	-0.24	-0.32	0.14	-0.39	-0.21	-0.34	-0.09							
RPneg_325.27524_10.982	RP	neg	10.982	325.2752			4		0.53187	0.79438	-0.02	0.29	0.12	-0.02	0.08	0.17	0.34295	0.82748	0.66	0.46	0.59	0.63	1.12	0.43	0.53							
HLICneg_325.6635_1.45	HLIC	neg	1.45	325.6635			4		0.21060	0.55369	-0.28	0.13	-0.12	-0.15	0.07	0.11	0.00624	0.16689	-0.48	-0.42	-0.63	-0.70	-0.05	-0.57	-0.08							
RPneg_325.99738_1.196	RP	neg	1.196	325.9974			4		0.51596	0.78593	0.15	-0.08	1.15	0.59	0.01	-0.63	0.08542	0.54164	0.49	0.24	0.67	0.92	0.68	0.34	-0.71							
HLICpos_326.0204_7.14	HLIC	pos	7.14	326.0204			4		0.62725	0.84223	-0.12	-0.04	0.42	0.07	-0.03	-0.12	0.35869	0.83442	0.03	-0.08	0.02	0.04	0.48	-0.28	-0.05							
HLICneg_326.0365_0.95	HLIC	neg	0.95	326.0365			4		0.01830	0.24669	-0.41	-0.20	-0.16	-0.30	-0.23	-0.21	0.01915	0.29304	-0.45	-0.47	-0.33	-0.39	-0.33	-0.47	-0.42							
HLICneg_326.0367_5.97	HLIC	neg	5.97	326.0367			4		0.20822	0.55125	-0.																					

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Baseline			IV-Ghrelin or Placebo			Baseline			IV-Ghrelin or Placebo			Baseline			IV-Ghrelin or Placebo		
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d
HILICpos_330.2633_0.65	HILIC	pos	0.65	330.2633			4	330.2633	0.90280	0.96414	0.21	0.20	0.46	0.28	0.22	0.05	0.60818	0.92975	-0.25	0.11	-0.15	-0.31	-0.14	-0.12	-0.40							
RPpos_330.2639_9.11	RP	pos	9.11	330.2639			4	330.2639	0.34237	0.66415	-0.31	0.22	0.41	0.13	-0.05	0.94	0.37549	0.84416	0.00	0.88	0.42	-0.16	-0.26	-0.03	-0.20							
RPpos_330.2642_7.59	RP	pos	7.59	330.2642			4	330.2642	0.67137	0.86314	0.10	0.20	0.31	0.13	0.16	-0.07	0.49437	0.89939	-0.27	0.15	-0.25	-0.16	-0.39	-0.14	-0.28							
RPpos_330.3363_9.92	RP	pos	9.92	330.3363			4	330.3363	0.78726	0.91650	-0.08	-0.07	0.54	-0.02	0.17	-0.09	0.21620	0.73241	0.52	0.83	0.58	0.17	0.63	0.36	-0.27							
HILICpos_330.6804_4.08	HILIC	pos	4.08	330.6804			4	330.6804	0.40037	0.73057	0.14	-0.08	0.58	0.09	0.09	0.09	0.09307	0.11511	0.58	0.65	0.66	0.09	0.26	0.03	-0.15							
HILICneg_330.8515_7.73	HILIC	neg	7.73	330.8515			4	330.8515	0.54529	0.80959	-0.23	0.25	0.43	0.16	0.11	0.28	0.06130	0.43443	-0.44	-0.30	-0.43	0.28	-0.45	-0.60	-0.38							
HILICneg_330.8857_1.45	HILIC	neg	1.45	330.8857			4	330.8857	0.90769	0.96591	0.00	0.10	0.02	-0.03	0.15	0.30	0.03353	0.37633	-0.33	-0.35	-0.35	-0.37	-0.34	-0.27	-0.14							
HILICneg_330.9189_3.32	HILIC	neg	3.32	330.9189			4	330.9189	0.36814	0.68468	-0.27	-0.60	0.13	0.42	-0.01	0.27	0.19330	0.70820	0.20	-0.04	0.24	-0.03	0.01	0.64	0.27							
RPneg_330.95169_2.386	RP	neg	2.386	330.9517			4	330.9517	0.22712	0.56895	-0.05	0.35	0.78	0.07	-0.40	-0.64	0.67838	0.94718	-0.12	-0.12	-0.09	-0.03	-0.01	-0.11	-0.48							
RPneg_330.95236_2.811	RP	neg	2.811	330.9524			4	330.9524	0.11019	0.44451	-0.35	-0.16	0.52	-0.05	-0.90	-0.44	0.60089	0.92810	0.01	-0.10	0.01	0.21	0.20	-0.09	-0.37							
RPneg_331.0611_3.004	RP	neg	3.004	331.0611			4	331.0611	0.36408	0.68205	0.17	0.20	0.84	0.23	-0.04	0.90	0.28279	0.79142	0.06	0.12	0.01	0.12	0.04	0.18	-0.21							
HILICneg_331.0613_0.66	HILIC	neg	0.66	331.0613			4	331.0613	0.40065	0.70892	0.14	0.13	0.66	0.37	-0.14	1.02	0.26546	0.77769	0.07	0.03	0.09	0.02	0.03	0.29	-0.14							
HILICneg_331.0633_6.17	HILIC	neg	6.17	331.0633			4	331.0633	0.90197	0.96375	-0.07	0.01	0.45	0.07	0.31	0.11	0.04427	0.42220	0.27	0.37	0.45	0.48	0.45	0.19	-0.23							
RPneg_331.09094_3.576	RP	neg	3.576	331.0909			4	331.0909	0.01208	0.21004	0.52	0.27	0.64	0.57	0.56	1.05	0.91045	0.98698	0.06	-0.05	0.00	-0.13	0.26	0.24	0.53							
HILICneg_331.0916_1.99	HILIC	neg	1.99	331.0916			4	331.0916	0.00697	0.16467	0.54	0.48	0.64	0.56	0.53	0.95	0.83887	0.97596	0.11	-0.01	-0.03	0.03	0.23	0.15	0.55							
RPneg_331.1221_4.703	RP	neg	4.703	331.1221			4	331.1221	0.00102	0.06451	0.46	0.23	0.65	0.76	0.46	-0.59	0.36475	0.83786	0.20	-0.08	0.14	0.16	0.36	0.35	-0.03							
RPneg_331.12958_6.726	RP	neg	6.726	331.1296			4	331.1296	0.36015	0.67868	0.46	0.61	0.70	0.26	0.90	-0.01	0.14748	0.65072	0.90	0.77	1.02	1.23	0.53	0.90	0.02							
RPneg_331.12958_6.726	RP	neg	6.726	331.1296			4	331.1296	0.19406	0.53956	0.54	0.52	0.95	0.47	0.93	-0.05	0.12460	0.61515	0.87	1.27	0.94	0.72	0.98	0.72	0.33							
RPneg_331.12964_6.564	RP	neg	6.564	331.1296			4	331.1296	0.31330	0.64125	0.44	0.71	0.70	0.21	0.69	-0.06	0.16156	0.67138	0.86	0.66	0.97	1.35	0.35	0.72	0.17							
RPneg_331.12967_6.051	RP	neg	6.051	331.1297			4	331.1297	0.09104	0.41995	0.60	0.74	0.78	0.42	1.16	0.22	0.23599	0.63399	1.10	0.99	1.07	1.57	0.96	0.53	-0.10							
HILICneg_331.1302_0.56	HILIC	neg	0.56	331.1302			4	331.1302	0.66125	0.85799	0.23	0.47	0.29	0.08	0.58	-0.09	0.10336	0.57839	0.89	1.30	0.82	1.02	0.45	0.81	0.14							
RPpos_331.1659_11.73	RP	pos	11.73	331.1659			4	331.1659	0.59424	0.82615	0.36	0.63	0.23	0.32	0.64	-0.36	0.15198	0.65756	0.65	1.09	0.57	0.84	0.43	0.45	-0.01							
RPneg_331.17651_7.99	RP	neg	7.99	331.1765			4	331.1765	0.12547	0.46128	2.60	0.29	1.50	3.79	6.70	0.28	0.33769	0.82456	1.32	0.59	0.93	1.76	1.99	1.43	0.33							
RPneg_331.1767_8.258	RP	neg	8.258	331.1767			4	331.1767	0.43184	0.73136	0.36	0.29	0.87	0.40	0.49	-0.37	0.27617	0.78625	0.18	0.07	0.13	0.25	0.10	0.24	0.35							
RPneg_331.19107_6.902	RP	neg	6.902	331.1911	fragment of cortisol		4	331.1911	1.05E-07	0.00030	2.82	0.17	3.48	2.42	5.03	-0.48	0.00000	0.00000	3.11	-0.12	-2.85	3.41	3.46	3.03	-0.26							
RPpos_331.2119_10.16	RP	pos	10.16	331.2119			4	331.2119	0.65204	0.85341	0.19	0.57	0.62	0.03	0.43	-0.03	0.25184	0.76793	-0.55	-0.28	0.07	-0.47	-0.19	-0.85	0.08							
RPpos_331.2165_10.62	RP	pos	10.62	331.2165			4	331.2165	0.55670	0.80760	0.21	-0.12	0.30	1.41	2.05	0.04	0.77601	0.96495	0.00	0.08	0.17	-0.21	-0.01	-0.10	0.23							
RPpos_331.2263_6.91	RP	pos	6.91	331.2263			4	331.2263	0.16110	0.50461	0.48	-0.03	0.23	0.50	1.01	1.23	0.01243	0.23873	0.44	-0.43	0.02	0.25	0.81	0.67	0.97							
RPpos_331.2277_6.81	RP	pos	6.81	331.2277			4	331.2277	0.04811	0.34199	0.36	-0.15	0.39	0.35	0.57	0.89	0.40091	0.85821	0.27	-0.06	-0.20	0.10	0.05	0.73	0.53							
HILICpos_331.2385_0.86	HILIC	pos	0.86	331.2385			4	331.2385	0.12707	0.46383	-0.39	-0.32	0.14	-0.16	-0.33	-0.51	0.03059	0.36569	0.74	0.35	0.99	1.42	0.72	0.92	-0.09							
RPneg_331.24973_7.895	RP	neg	7.895	331.2497			4	331.2497	0.00539	0.14495	0.58	0.16	0.89	0.54	0.75	-0.69	0.02074	0.30448	0.88	-0.21	0.03	1.42	0.99	1.25	-0.20							
RPpos_331.2849_10.78	RP	pos	10.78	331.2849			4	331.2849	0.81700	0.93043	-0.06	0.24	0.39	1.02	0.72	-0.29	0.07373	0.51652	0.12	-0.01	0.12	0.17	0.23	0.50	-0.06							
RPpos_331.6564_5.53	RP	pos	5.53	331.6564			4	331.6564	0.23258	0.57388	0.47	0.47	0.50	0.54	0.47	-0.08	0.15117	0.93043	-0.12	-0.20	-0.10	0.00	-0.08	-0.16	-0.20							
HILICneg_331.6557_1.45	HILIC	neg	1.45	331.6557			4	331.6557	0.29475	0.62645	-0.24	0.06	-0.06	-0.06	0.08	0.14	0.00945	0.20695	-0.39	-0.48	-0.41	-0.58	-0.28	-0.31	-0.05							
RPpos_331.7106_7.28	RP	pos	7.28	331.7106			4	331.7106	0.40878	0.71460	-0.25	-0.21	1.00	-0.10	-0.42	0.46	0.21697	0.73336	-0.40	-0.22	-0.16	-0.31	-0.21	-0.41	-0.50							
RPneg_331.84641_7.431	RP	neg	7.431	331.8464			4	331.8464	0.25600	0.59409	-0.33	-0.80	-0.06	-0.37	0.61	0.46	0.45317	0.88314	-0.30	-0.25	-0.21	0.26	-0.30	-0.01	-0.75							
RPpos_331.9894_2.64	RP	pos	2.64	331.9894			4	331.9894	0.00926	0.18803	0.38	0.34	0.85	0.38	0.28	0.43	0.97132	0.99673	-0.01	-0.02	-0.04	-0.11	0.00	0.05	0.27							
RPneg_331.98959_3.454	RP	neg	3.454	331.9896			4	331.9896	0.00022	0.02875	0.45	0.21	0.88	0.47	0.42	0.10	0.90103	0.98560	0.15	-0.40	0.18	0.10	0.34	0.66	-0.31							
HILICneg_332.0148_5.17	HILIC	neg	5.17	332.0148			4	332.0148	0.86206	0.94834	0.06	0.09	0.82	0.69	0.03	-0.40	0.07749	0.52450	0.55	0.17	1.18	1.13	0.49	0.46	0.15							
HILICneg_332.0327_7.12	HILIC	neg	7.12	332.0327			4	332.0327	0.69665	0.87585	0.10	0.35	0.51	0.06	-0.13	-0.45	0.00960	0.20893	0.55	0.80	0.71	1.23	0.15	0.10	-0.45							
HILICneg_332.0753_3.03	HILIC	neg	3.03	332.0753			4	332.0753	0.38881	0.70077	0.20	0.37	0.06	0.46	0.30	0.49	0.53451	0.91332	0.25	-0.34	-0.26	0.86	0.17	0.47	-0.10							
HILICpos_332.0967_2.47	HILIC	pos	2.47	332.0967			4	332.0967	0.05937	0.36509	-0.40	-0.15	-0.22	-0.30	-0.43	0.37	0.64825	0.93906	-0.30	-0.07	0.12	-0.59	-0.49	-0.47	0.35							
HILICneg_332.09																																

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)															
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Post-AC	IV-AC				
									Baseline			IV-ASA			Ghrelin		Placebo			Baseline			Ghrelin		Placebo			Post-AC	Ghrelin		Placebo				
									p	q	d	p	q	d	d	d	d	d	d	d	p	q	d	p	q	d	d	d	d	d	d	d	d	d	d
HILICneg_333.8001_4.28	HILIC	neg	4.28	333.8001			4	333.8001	0.63002	0.84355	-0.22	0.07	-0.33	0.27	-0.04	-0.12	0.99278	0.99904	0.04	-0.20	-0.11	0.09	-0.03	0.35	0.13										
HILICneg_333.8002_0.38	HILIC	neg	0.38	333.8002			4	333.8002	0.09374	0.42301	-0.28	-0.10	-0.18	-0.03	-0.33	-0.28	0.45395	0.88356	-0.25	-0.09	-0.19	-0.02	-0.25	-0.12	-0.66										
RPneg_334.00537_1.197	RP	neg	1.197	334.0054			4	334.0054	0.47780	0.76271	0.19	0.59	1.09	0.46	0.03	-0.58	0.02630	0.34210	0.65	0.27	0.90	1.40	1.12	0.42	-0.30										
HILICneg_334.0247_5.62	HILIC	neg	5.62	334.0247			4	334.0247	0.10915	0.44278	-0.52	-0.36	0.03	-0.34	-0.40	0.04	0.35772	0.83442	-0.13	-0.43	-0.06	0.46	-0.37	-0.12	-0.51										
RPneg_334.0248_4.734	RP	neg	4.734	334.0248			4	334.0248	0.63138	0.84391	0.08	0.21	0.44	0.36	0.27	0.00	0.37195	0.51214	-0.10	-0.08	-0.17	-0.15	0.06	-0.13	-0.02										
HILICneg_334.0821_5.41	HILIC	neg	5.41	334.0821			4	334.0821	0.02817	0.28685	-0.47	-0.20	-0.27	-0.31	-0.53	0.31	0.57171	0.97190	-0.38	-0.08	-0.16	0.37	-0.04	-0.07	-0.01										
HILICneg_334.12_2.33	HILIC	neg	2.33	334.1200			4	334.1200	0.98634	0.99495	0.05	0.33	0.07	0.04	0.16	0.01	0.20320	0.71938	-0.01	-0.04	-0.02	0.01	-0.09	0.16	-0.07										
RPpos_334.1438_8.51	RP	pos	8.51	334.1438			4	334.1438	0.04778	0.34122	-0.37	-0.24	-0.14	-0.07	-0.61	0.08	0.23884	0.75656	-0.33	-0.55	-0.20	-0.51	-0.56	0.02	-0.26										
RPpos_334.1589_10.9	RP	pos	10.9	334.1589			4	334.1589	0.00246	0.10246	0.97	0.02	0.69	0.85	1.73	0.08	0.98983	0.99963	-0.08	-0.37	0.21	-0.22	-0.09	-0.02	-0.02										
RPpos_334.2332_6.98	RP	pos	6.98	334.2332			4	334.2332	0.42248	0.72469	-0.27	-0.03	0.84	-0.25	-0.19	0.62	0.62163	0.93338	-0.20	-0.26	-0.17	-0.08	0.24	-0.48	-0.08										
RPpos_334.3086_11.52	RP	pos	11.52	334.3086			4	334.3086	0.98870	0.99589	0.01	0.21	0.04	0.18	0.35	-0.80	0.53594	0.91400	0.38	2.09	-0.35	0.33	-0.39	0.39	0.43										
RPpos_334.3109_11.08	RP	pos	11.08	334.3109			4	334.3109	0.62321	0.84007	0.18	0.59	0.16	0.24	0.29	-0.66	0.25647	0.77190	-0.08	0.39	0.01	0.04	-0.51	-0.02	0.02										
HILICneg_334.6939_3.19	HILIC	neg	3.19	334.6939			4	334.6939	0.53053	0.79360	-0.22	0.12	0.28	-0.14	-0.19	1.37	0.27742	0.78661	-0.25	-0.01	-0.39	0.13	-0.04	-0.34	-0.56										
HILICneg_334.881_1.45	HILIC	neg	1.45	334.8810			4	334.8810	0.75371	0.90229	-0.09	-0.15	-0.01	-0.25	0.22	0.25	0.10708	0.58520	-0.32	-0.25	-0.38	-0.38	-0.29	-0.18	-0.26										
HILICneg_334.966_6.29	HILIC	neg	6.29	334.9660			4	334.9660	0.87355	0.95270	0.06	0.00	0.60	0.47	0.08	-0.08	0.31842	0.81449	0.26	0.93	0.09	0.20	0.06	0.29	-0.04										
HILICneg_335.0497_4.89	HILIC	neg	4.89	335.0497			4	335.0497	0.50572	0.77954	0.18	0.56	0.50	0.07	0.23	0.38	0.01902	0.29279	-0.34	-0.02	-0.56	-0.06	0.00	-0.66	-0.57										
HILICneg_335.06_1.39	HILIC	neg	1.39	335.0600			4	335.0600	0.25833	0.59633	-0.07	-0.53	0.27	-0.19	0.21	0.74	0.01583	0.26962	0.48	-0.15	0.35	0.19	0.83	0.16	1.01										
RPneg_335.0652_1.68	RP	neg	1.68	335.0605			4	335.0605	0.02880	0.28894	-0.45	-0.18	-0.26	-0.32	-0.58	0.39	0.54713	0.91662	-0.41	-0.07	0.29	-0.73	-0.56	-0.62	0.32										
HILICneg_335.0614_2.57	HILIC	neg	2.57	335.0614			4	335.0614	0.02817	0.28685	-0.47	-0.20	-0.27	-0.31	-0.53	0.31	0.57171	0.97190	-0.38	-0.08	-0.16	0.37	-0.04	-0.07	-0.01										
HILICneg_335.1093_1.91	HILIC	neg	1.91	335.1093			4	335.1093	0.23031	0.64681	0.27	0.06	0.50	0.40	0.76	0.02	0.89918	0.98550	0.02	0.02	0.01	0.02	0.10	0.07	-0.16										
RPneg_335.11102_8.767	RP	neg	8.767	335.1110			4	335.1110	0.29528	0.62685	-0.16	-0.11	-0.14	-0.17	0.11	-0.06	0.23457	0.75220	0.14	0.13	0.08	0.17	0.13	0.07	0.32										
HILICneg_335.1155_2.33	HILIC	neg	2.33	335.1155			4	335.1155	0.86342	0.94900	0.06	0.13	0.10	0.22	0.22	-0.01	0.55121	0.91756	-0.05	-0.15	-0.06	0.04	-0.04	-0.05	-0.08										
RPpos_335.1251_9.38	RP	pos	9.38	335.1251			4	335.1251	0.12325	0.45906	-0.55	-0.44	-0.41	-0.43	0.04	0.46	0.78337	0.96604	-0.10	0.30	-0.57	-0.06	-0.22	-0.21	0.12										
RPpos_335.1523_10.65	RP	pos	10.65	335.1523			4	335.1523	0.00034	0.03404	1.35	-0.10	0.67	0.89	2.47	0.07	0.98883	0.99810	-0.05	0.01	0.34	-0.17	-0.08	-0.16	-0.09										
RPpos_335.1665_10.9	RP	pos	10.9	335.1665			4	335.1665	0.00527	0.14330	0.94	-0.13	0.54	0.87	1.87	-0.05	0.69406	0.95008	-0.13	-0.45	0.29	-0.33	-0.08	-0.11	-0.11										
RPpos_335.2192_10.63	RP	pos	10.63	335.2192			4	335.2192	0.32552	0.67219	0.27	0.72	0.60	0.41	0.51	-0.02	0.65501	0.94016	-0.17	-0.03	0.19	-0.30	-0.13	-0.89	0.23										
RPneg_335.22238_8.703	RP	neg	8.703	335.2224			4	335.2224	0.94421	0.97946	-0.01	-0.01	0.07	-0.02	0.04	0.48	0.41753	0.86646	0.14	-0.24	-0.06	0.07	0.47	0.10	0.15										
RPpos_335.2226_5.55	RP	pos	5.55	335.2226			4	335.2226	0.27488	0.61013	-0.30	0.01	0.60	-0.35	-0.33	0.25	0.00245	0.09786	-0.43	-0.30	-0.26	-0.45	-0.21	-0.14	-0.45										
RPneg_335.23639_10.209	RP	neg	10.209	335.2364			4	335.2364	0.65973	0.85748	-0.12	0.07	0.29	0.30	-0.30	0.61	0.51267	0.90638	-0.08	-0.59	0.76	-0.59	-0.01	-0.04	0.19										
RPpos_335.2428_10.9	RP	pos	10.9	335.2428			4	335.2428	0.00328	0.11843	1.03	-0.09	0.60	1.02	1.87	0.04	0.70072	0.95161	-0.16	-0.36	0.30	-0.31	-0.12	-0.28	-0.05										
RPneg_335.65024_7.268	RP	neg	7.268	335.6502			4	335.6502	0.27819	0.61290	0.14	0.35	0.31	0.00	0.23	0.28	0.48763	0.89807	-0.09	-0.15	-0.12	0.10	-0.18	0.02	-0.11										
HILICneg_335.6505_1.45	HILIC	neg	1.45	335.6505			4	335.6505	0.24184	0.66388	-0.22	0.06	0.00	-0.04	0.15	-0.04	0.02836	0.33144	-0.38	-0.48	-0.45	-0.37	-0.22	-0.44	-0.04										
RPpos_335.7033_7.07	RP	pos	7.07	335.7033			4	335.7033	0.60657	0.83215	-0.11	-0.29	0.55	0.08	-0.21	0.34	0.88747	0.98355	-0.01	0.12	0.16	0.07	0.10	-0.70	-0.19										
RPpos_335.7034_6.67	RP	pos	6.67	335.7034			4	335.7034	0.90812	0.96600	-0.04	0.16	0.39	0.30	-0.08	0.65	0.85425	0.97833	-0.10	-0.07	0.01	0.19	0.28	1.15	0.02										
HILICneg_335.796_4.88	HILIC	neg	4.88	335.7960			4	335.7960	0.69694	0.87596	-0.05	0.35	0.54	-0.16	0.10	1.00	0.15932	0.66816	-0.32	0.08	-0.56	-0.08	-0.14	-0.69	-0.66										
HILICneg_335.7963_4.28	HILIC	neg	4.28	335.7963			4	335.7963	0.27025	0.60656	-0.35	-0.03	-0.55	-0.01	0.11	-0.09	0.60956	0.93017	-0.09	-0.10	-0.14	-0.28	-0.43	0.38	0.08										
HILICneg_335.7964_0.55	HILIC	neg	0.55	335.7964			4	335.7964	0.00618	0.15398	-0.87	-0.50	-0.57	0.09	-0.55	-0.59	0.64701	0.93869	-0.03	0.29	0.11	-0.26	-0.21	-0.12	0.34										
HILICneg_335.7967_4.12	HILIC	neg	4.12	335.7967			4	335.7967	0.49245	0.77265	-0.23	0.43	-0.07	0.09	-0.34	-0.64	0.54118	0.91464	0.16	-0.06	0.01	0.32	0.05	0.29	0.31										
HILICneg_335.9512_5.41	HILIC	neg	5.41	335.9512			4	335.9512	0.30734	0.63597	-0.32	0.09	-0.15	-0.35	0.28	-0.01	0.54153	0.91464	-0.02	-0.16	-0.01	0.06	-0.26	0.65	-1.31										
RPneg_336.07236_3.83	RP	neg	3.83	336.0724			4	336.0724	0.55623	0.80750	0.11	-0.03	0.04	0.31	0.27	1.14	0.35932	0.83448	-0.15	-0.23	-0.09	-0.19	-0.12	-0.09	-0.12										
HILICneg_336.0912_3.95	HILIC	neg	3.95	336.0912			4	336.0912	0.14042	0.48047	-0.14	-0.28	0.23	0.02	0.04	-0.47	0.76819	0.96428	-0.02	-0.43	0.19	0.39	0.07	-0.16	-0.28										
RPneg_336.16025_8.457	RP	neg	8.457	336.1603			4	336.1603	6.23E-06	0.00409	0.81	0.07	1.51	0.99	1.29	0.00	0.00053	0.03850	0.93	-0.06	0.33	0.24	1.68	1.21	-0.17										

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			BxAc=0			Baseline			Post-LD			IV-AC			Post-AC			BxAc=0		
p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d						
HILICneg_342.1188_5.18	HILIC	neg	5.18	342.1188			4		0.08422	0.41003	0.53	0.02	1.28	0.66	0.52	-0.06	0.04362	0.42056	0.69	0.16	0.78	1.01	0.79	0.63	0.63	0.13						
RPpos_342.1562_2.06	RP	pos	2.06	342.1562			4		0.55320	0.80545	0.16	0.29	0.16	-0.11	0.61	1.09	0.09674	0.56677	1.18	0.86	0.40	1.33	0.47	2.73	0.38							
RPpos_342.1841_5.58	RP	pos	5.58	342.1841			4		0.15054	0.49265	0.15	0.05	0.35	0.11	0.24	0.40	0.69202	0.95008	-0.03	-0.10	0.06	0.04	0.04	-0.15	-0.19							
RPneg_342.2106_7.983	RP	neg	7.983	342.2106			4		0.86164	0.94816	0.01	0.14	0.04	0.17	0.21	-0.04	0.24934	0.76566	0.31	0.20	0.39	0.30	0.19	0.22	0.33							
HILICpos_342.212_1.91	HILIC	pos	1.91	342.2120			4		0.52513	0.79012	0.14	-0.02	0.51	0.11	0.65	0.21	0.08212	0.99762	-0.04	-0.06	0.21	0.02	0.17	-0.29	-0.38							
HILICpos_342.2480_0.48	HILIC	pos	0.48	342.2480			4		0.33713	0.66052	-0.39	0.11	0.39	0.11	0.07	0.25	0.89552	0.38463	0.07	-0.08	0.09	-0.42	0.34	-0.28	0.53							
RPpos_342.2484_5.92	RP	pos	5.92	342.2484			4		0.37550	0.69101	-0.23	-0.32	0.45	0.03	-0.07	0.08	0.63462	0.93546	-0.22	-0.17	0.03	-0.24	0.21	-0.81	-0.29							
HILICpos_342.2631_0.66	HILIC	pos	0.66	342.2631			4		0.13823	0.47782	0.67	0.20	0.75	0.64	1.21	0.16	0.43434	0.87583	0.49	0.62	0.72	0.51	0.09	0.14	-0.12							
RPpos_342.2638_7.92	RP	pos	7.92	342.2638			4		0.32539	0.65100	0.39	0.17	0.43	0.43	0.86	0.13	0.13454	0.63154	0.45	0.53	0.49	0.43	0.27	0.45	-0.01							
RPneg_342.26407_10.47	RP	neg	10.47	342.2641			4		0.96289	0.98663	0.01	0.39	0.19	0.16	0.44	0.20	0.70191	0.95186	0.02	0.12	0.54	-0.26	-0.32	0.11	-0.03							
RPpos_342.2645_7.84	RP	pos	7.84	342.2645			4		0.34776	0.66839	0.37	0.17	0.47	0.34	0.92	0.06	0.92232	0.98881	0.01	0.16	0.49	0.05	-0.27	-0.12	-0.24							
HILICneg_342.9736_0.88	HILIC	neg	0.88	342.9736			4		0.11676	0.45264	0.31	0.42	1.10	0.53	0.36	-0.08	0.09065	0.55453	0.49	0.53	-0.13	0.51	0.88	0.26	0.16							
HILICneg_342.9999_7.13	HILIC	neg	7.13	342.9999			4		0.93118	0.97542	0.02	0.59	0.47	-0.05	0.04	-0.40	0.04731	0.43442	0.48	0.56	0.78	1.13	0.44	-0.05	-0.19							
HILICpos_343.0154_6.25	HILIC	pos	6.25	343.0154			4		0.90487	0.96493	0.02	0.15	0.45	0.12	-0.10	-0.06	0.07586	0.52146	0.44	0.54	0.48	0.70	0.46	0.06	-1.05							
RPneg_343.07071_3.26	RP	neg	3.26	343.0707			4		0.11237	0.44804	0.41	0.34	1.53	0.52	0.21	-0.03	0.00719	0.17915	0.70	0.27	0.16	0.63	1.62	0.57	0.03							
RPneg_343.07172_3.524	RP	neg	3.524	343.0717			4		0.08006	0.40441	0.35	0.52	1.22	0.41	0.29	-0.31	0.06468	0.49288	0.75	0.31	0.41	1.06	1.30	0.76	-0.16							
RPneg_343.08493_5.195	RP	neg	5.195	343.0849			4		0.85113	0.94402	-0.05	0.13	0.05	0.01	-0.07	0.04	0.18654	0.70221	0.35	0.37	0.44	0.32	0.32	0.39	0.24							
RPneg_343.08521_6.128	RP	neg	6.128	343.0852			4		0.05883	0.36409	0.24	0.19	0.27	0.29	0.26	0.50	0.07301	0.51495	-0.27	-0.34	-0.33	-0.29	-0.21	-0.21	-0.29							
RPneg_343.08572_8.389	RP	neg	8.389	343.0857			4		0.55784	0.80849	-0.18	0.11	0.31	0.06	0.21	0.36	0.58421	0.92465	-0.10	-0.52	0.21	0.28	-0.11	0.04	-0.59							
HILICneg_343.086_0.58	HILIC	neg	0.58	343.0860			4		0.23143	0.57256	0.19	-0.07	0.10	0.28	0.41	0.40	0.14584	0.64924	-0.25	-0.27	-0.21	-0.30	-0.12	-0.31	-0.51							
RPpos_343.1066_7.72	RP	pos	7.72	343.1066			4		0.53541	0.79625	-0.08	-0.03	0.15	-0.12	-0.03	-0.27	0.55854	0.91985	0.04	-0.02	0.02	0.12	-0.10	0.23	0.00							
HILICpos_343.1154_5.92	HILIC	pos	5.92	343.1154			4		0.68167	0.86782	-0.07	0.28	0.48	0.33	-0.19	-0.22	0.02649	0.34344	0.43	0.50	0.54	0.46	0.34	0.42	-0.12							
RPneg_343.12195_10.637	RP	neg	10.637	343.1220			4		0.31385	0.64157	0.29	-0.30	0.01	0.55	2.10	-0.07	0.78257	0.96604	0.02	0.30	0.12	0.08	-0.29	-0.10	0.15							
HILICneg_343.1234_6.41	HILIC	neg	6.41	343.1234			4		0.05990	0.36580	-0.40	-0.10	-0.22	-0.31	-0.27	-0.52	0.04293	0.41770	-0.57	-0.60	-0.51	-0.12	-0.66	-1.00	-0.04							
RPneg_343.12717_2.812	RP	neg	2.812	343.1272			4		0.61236	0.83437	0.11	0.27	0.40	0.25	0.13	-0.31	0.03281	0.37254	0.71	0.58	0.69	0.80	0.74	0.63	0.46							
RPneg_343.14017_6.771	RP	neg	6.771	343.1402			4		0.01639	0.23695	0.31	-0.09	0.25	0.54	0.53	-0.78	0.54953	0.91731	-0.14	0.05	-0.14	-0.17	-0.09	-0.06	-0.29							
RPneg_343.14044_6.614	RP	neg	6.614	343.1404			4		0.01283	0.21615	0.26	-0.08	0.23	0.39	0.60	-0.62	0.76946	0.96454	-0.08	-0.02	0.01	-0.08	-0.02	-0.08	-0.42							
RPneg_343.1405_6.995	RP	neg	6.995	343.1405			4		0.23381	0.57538	0.14	0.14	0.19	0.14	0.37	-0.60	0.73344	0.95834	-0.11	0.14	-0.26	-0.12	-0.07	0.03	-0.12							
RPpos_343.155_9.26	RP	pos	9.26	343.1550			4		0.10705	0.44049	-0.55	-0.37	0.11	-0.11	0.04	0.10	0.10679	0.58505	-0.17	0.13	0.90	0.49	1.75	-0.28	-0.06							
RPpos_343.1609_10.9	RP	pos	10.9	343.1609			4		0.00600	0.15188	1.04	-0.03	0.65	0.82	2.01	-0.12	0.62416	0.93354	-0.17	-0.34	0.26	-0.33	-0.16	-0.19	-0.10							
HILICpos_343.1729_0.45	HILIC	pos	0.45	343.1729			4		0.09156	0.29799	-0.33	-0.42	0.09	0.10	-0.62	0.11	0.05082	0.44885	-0.70	-0.32	-0.43	-0.67	-0.32	-0.21	-0.50							
RPpos_343.1729_5.55	RP	pos	5.55	343.1729			4		0.15727	0.50954	-0.22	-0.41	0.22	0.20	-0.55	0.19	0.08002	0.53017	-0.63	-0.37	-0.46	-0.67	-0.17	-0.19	-0.45							
RPpos_343.1788_8.35	RP	pos	8.35	343.1788			4		0.00984	0.17996	0.98	-0.07	0.37	0.71	2.23	-0.23	0.03497	0.98984	0.90	-0.11	0.47	-0.24	0.05	-0.23	-0.06							
RPpos_343.1911_5.86	RP	pos	5.86	343.1911			4		0.17719	0.52320	0.33	0.30	0.55	0.32	0.43	0.60	0.57290	0.92321	-0.13	-0.17	0.08	0.04	0.09	-0.24	-0.32							
RPneg_343.19138_9.759	RP	neg	9.759	343.1914			4		0.30993	0.63830	-0.12	-0.23	-0.23	-0.02	-0.13	0.07	0.34709	0.82996	0.57	-0.17	0.89	-0.17	1.02	0.86	1.03							
RPpos_343.1951_10.86	RP	pos	10.86	343.1951			4		0.12828	0.46431	0.49	0.24	0.30	0.05	1.82	0.22	0.81990	0.97256	0.02	-0.25	0.51	-0.14	-0.11	0.05	0.22							
RPneg_343.22699_9.867	RP	neg	9.867	343.2270			4		0.88834	0.95680	-0.06	0.22	0.00	-0.12	0.01	0.12	0.74676	0.96077	0.05	-0.05	-0.07	0.12	-0.05	0.45	-0.13							
RPneg_343.2851_11.782	RP	neg	11.782	343.2851			4		0.12376	0.45914	-0.23	-0.46	0.01	0.03	0.15	-0.24	0.58067	0.92418	-0.10	-0.41	0.31	-0.28	-0.31	0.37	0.79							
RPpos_343.339_11.08	RP	pos	11.08	343.3390			4		0.79092	0.91828	-0.08	0.41	-0.01	0.16	1.23	0.03	0.80078	0.96969	0.09	-0.52	0.77	-0.64	0.94	0.28	-0.19							
RPpos_343.6884_5.58	RP	pos	5.58	343.6884			4		0.11497	0.45044	0.22	0.09	0.29	0.20	0.33	0.58	0.78380	0.96632	-0.10	-0.20	-0.03	-0.08	0.04	-0.13	-0.25							
HILICneg_343.7206_1.45	HILIC	neg	1.45	343.7206			4		0.04736	0.34075	-0.35	0.04	-0.20	-0.13	-0.20	0.27	0.00031	0.02650	-0.64	-0.51	-0.78	-0.88	-0.50	-0.61	-0.21							
RPneg_343.86475_10.522	RP	neg	10.522	343.8648			4		0.32181	0.64796	-0.33	-0.56	0.21	-0.15	0.05	-0.10	0.26811	0.78031	0.19	0.00	-0.33	0.41	0.27	0.14	0.11							
HILICneg_343.9434_5.41	HILIC	neg	5.41	343.9434			4		0.00501	0.14104	-0.90	-0.29	-0.77	-0.61	0.03	-1.30	0.16782	0.67881	-0.61	0.07	-0.63	0.14	-1.13	-0.23	0.18							
HILICneg_343.9761_1.07	HILIC	neg	1.07	343.9761			4		0.05510	0.3566																						

				IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																			
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)													Baseline														
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						BrAc=0				Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo			BrAc=0		
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
HILICneg_349.1247_4.33	HILIC	neg	4.33	349.1247			4		0.99803	0.99918	0.03	0.05	0.22	-0.03	0.24	0.22	0.00114	0.06196	0.33	0.33	0.31	0.15	0.36	0.35	0.21											
RPneg_349.16586_8.677	RP	neg	8.677	349.1659			4		0.67729	0.86609	0.10	0.05	1.00	0.17	0.19	-0.13	0.66079	0.94264	0.14	-0.10	0.52	0.02	0.26	0.23	-0.32											
RPneg_349.16721_7.934	RP	neg	7.934	349.1672			4		0.02470	0.27578	1.32	1.26	1.35	1.41	1.64	1.72	0.47965	0.89439	0.17	0.14	0.26	0.07	0.17	0.18	0.25											
RPneg_349.16748_7.704	RP	neg	7.704	349.1675			4		0.03213	0.30003	1.76	1.77	1.63	1.42	2.27	2.23	0.59781	0.92780	0.13	0.09	0.28	0.03	0.10	0.16	0.19											
RPpos_349.1832_5.93	RP	pos	5.93	349.1832			4		0.12587	0.65171	-0.32	-0.25	0.74	-0.21	-0.28	-0.05	0.51511	0.90748	-0.26	-0.18	-0.57	-0.45	0.13	-0.05	-0.70											
HILICneg_349.18341_6.41	HILIC	neg	6.41	349.1834			4		0.12587	0.46183	0.39	0.00	-0.23	0.24	0.01	-0.67	0.85108	0.91748	0.17	0.17	0.02	0.17	0.02	0.45	-0.12											
RPpos_349.1834_3.73	RP	pos	3.73	349.1834			4		0.72172	0.88633	-0.15	0.09	1.02	-0.16	-0.57	-0.23	0.54374	0.91513	-0.29	-0.51	-0.14	0.06	-0.03	-0.37	-0.37											
RPpos_349.1893_10.62	RP	pos	10.62	349.1893			4		0.59582	0.82675	0.19	-0.02	0.40	1.20	2.27	0.18	0.76970	0.96458	-0.01	0.09	0.07	0.02	-0.34	-0.02	0.28											
RPpos_349.2204_5.89	RP	pos	5.89	349.2204			4		0.26273	0.60008	-0.30	0.65	-0.13	-0.02	-0.21	-0.18	0.19747	0.71327	-0.34	-0.26	-0.26	-0.77	-0.46	0.35	-0.18											
RPpos_349.2303_7.28	RP	pos	7.28	349.2303			4		0.55069	0.80400	-0.17	-0.36	1.08	-0.18	-0.39	0.37	0.08787	0.54719	-0.55	-0.37	-0.12	-0.44	-0.09	-0.85	-0.49											
HILICpos_349.2308_6.95	HILIC	pos	6.95	349.2308			4		0.74029	0.89561	0.05	0.16	0.43	0.15	0.01	-0.51	0.03571	0.38620	0.32	0.31	0.40	0.81	0.18	-0.01	-0.29											
RPneg_349.23535_11.194	RP	neg	11.194	349.2354			4		0.00330	0.11850	1.23	0.02	0.50	1.27	2.80	-0.38	0.66114	0.94270	-0.13	-0.26	0.22	-0.30	-0.13	-0.25	0.04											
RPpos_349.2371_10.42	RP	pos	10.42	349.2371			4		0.33785	0.66080	0.29	0.54	0.51	0.25	0.42	-0.11	0.60402	0.92892	-0.53	-0.23	0.42	-0.42	-0.24	-0.76	0.33											
RPpos_349.2377_6.9	RP	pos	6.9	349.2377			4		0.17599	0.52139	0.51	0.15	0.62	0.51	1.10	0.86	0.07896	0.52784	0.29	0.26	-0.27	0.02	0.35	0.75	0.45											
RPneg_349.23819_10.88	RP	neg	10.88	349.2382			4		0.14418	0.48467	0.51	0.26	0.16	-0.12	2.67	0.03	0.88266	0.98281	0.03	-0.29	0.75	-0.40	-0.24	0.18	0.23											
HILICpos_349.2492_1.83	HILIC	pos	1.83	349.2492			4		0.23206	0.57346	-0.35	-0.21	0.04	-0.33	-0.21	-0.43	0.01252	0.24002	0.79	0.18	0.34	0.97	0.81	0.63	1.10											
RPneg_349.84595_3.73	RP	neg	3.73	349.8460			4		0.14513	0.48584	0.37	0.35	0.51	0.22	0.32	0.91	0.57007	0.92121	-0.31	-0.24	-0.29	-0.43	-0.29	-0.24	-0.20											
HILICneg_349.8462_0.48	HILIC	neg	0.48	349.8462			4		0.06561	0.37687	0.50	0.40	0.73	0.42	0.47	0.73	0.06377	0.48984	-0.65	-0.58	-0.57	-0.65	-0.64	-0.65	-0.51											
HILICneg_349.9987_5.62	HILIC	neg	5.62	349.9987			4		0.11134	0.44687	-0.45	-0.14	0.15	-0.29	-0.09	-0.06	0.59092	0.92657	-0.16	-0.29	0.19	0.57	0.18	0.03	-0.14											
HILICneg_350.0058_6.22	HILIC	neg	6.22	350.0058			4		0.94115	0.97848	-0.05	0.24	0.64	0.07	-0.13	-0.71	0.06659	0.49785	0.72	0.35	0.51	1.37	0.44	0.34	-0.09											
RPpos_350.0287_4.74	RP	pos	4.74	350.0287			4		0.09862	0.42931	0.17	0.04	0.26	0.02	0.43	0.56	0.35033	0.83125	-0.12	-0.07	-0.05	-0.08	-0.11	-0.18	-0.27											
HILICpos_350.0517_0.94	HILIC	pos	0.94	350.0517			4		0.11630	0.45208	0.33	0.27	0.82	0.55	0.22	-0.40	0.20205	0.71822	-0.15	-0.10	-0.39	-0.10	0.23	0.05	-0.59											
RPpos_350.0556_3.59	RP	pos	3.59	350.0556			4		0.00562	0.14718	0.49	0.39	0.55	0.51	0.53	0.85	0.59041	0.92655	0.22	0.13	0.20	0.07	0.36	0.32	0.33											
RPneg_350.0706_6.525	RP	neg	6.525	350.0709			4		0.79288	0.91950	0.16	0.09	0.34	0.41	0.29	-0.72	0.00988	0.21165	1.20	1.21	1.21	1.07	1.07	1.21	1.32											
RPneg_350.08023_7.389	RP	neg	7.389	350.0802			4		0.43703	0.73499	-0.13	-0.04	0.03	-0.17	-0.10	-0.21	0.10719	0.58531	3.62	3.70	3.26	2.80	4.18	3.98	3.75											
HILICpos_350.1114_4.07	HILIC	pos	4.07	350.1114			4		0.44195	0.73848	-0.05	0.06	0.86	0.11	-0.38	-0.62	0.52963	0.91148	0.04	-0.17	0.28	0.33	0.25	-0.29	-0.37											
RPneg_350.15057_4.659	RP	neg	4.659	350.1506			4		0.35475	0.67401	-0.18	-0.15	-0.09	0.07	0.38	-0.34	0.55009	0.91739	0.21	0.14	0.20	-0.11	0.20	0.03	0.89											
HILICneg_350.1509_1.85	HILIC	neg	1.85	350.1509			4		0.21688	0.55882	-0.22	-0.21	-0.10	0.01	0.25	-0.34	0.60187	0.92848	0.18	0.03	0.18	-0.07	0.16	-0.06	0.85											
HILICneg_350.1564_6.98	HILIC	neg	6.98	350.1564			4		0.63098	0.84377	0.10	0.24	0.63	0.37	-0.09	-0.44	0.01039	0.21692	0.40	0.49	0.34	0.77	0.32	0.18	-0.14											
RPpos_350.1756_10.03	RP	pos	10.03	350.1756			4		0.23192	0.57334	0.51	-0.07	0.42	1.27	1.94	-0.33	0.59565	0.91988	0.13	0.21	0.56	-0.16	0.13	0.19	0.20											
RPpos_350.182_5.5	RP	pos	5.5	350.1820			4		0.25100	0.59004	0.26	0.32	0.49	0.35	0.32	0.69	0.58040	0.92418	0.04	0.06	0.21	0.05	0.11	-0.11	-0.20											
RPpos_350.1985_6.29	RP	pos	6.29	350.1985			4		0.22302	0.56558	0.26	0.28	0.51	-0.22	0.29	0.39	0.72079	0.95579	-0.10	-0.18	0.05	-0.06	-0.05	-0.28	-0.28											
RPneg_350.1989_6.18	RP	neg	6.18	350.1989			4		0.76726	0.90862	0.07	-0.25	0.76	0.36	-0.07	0.43	0.27594	0.78624	-0.23	0.31	0.21	-0.29	0.04	1.13	-0.08											
RPneg_350.20953_9.321	RP	neg	9.321	350.2095			4		0.26302	0.60918	-0.24	0.10	0.01	-0.46	-0.06	-0.35	0.99627	0.99953	-0.09	0.05	-0.06	-0.28	-0.01	-0.09	-0.07											
RPpos_350.2123_10.57	RP	pos	10.57	350.2123			4		0.11397	0.44972	0.26	1.15	0.14	0.73	0.06	0.55	0.00178	0.08016	-0.37	-0.31	-0.18	0.09	-0.40	-0.42	-0.33											
RPpos_350.2675_10.28	RP	pos	10.28	350.2675			4		0.92519	0.97298	0.00	-0.19	-0.02	0.13	0.24	0.95	0.15227	0.65794	-0.39	-0.65	-0.41	-0.66	-0.36	-0.25	0.04											
HILICneg_350.6651_1.45	HILIC	neg	1.45	350.6651			4		0.81370	0.92914	-0.09	0.07	0.01	-0.06	0.06	0.28	0.08297	0.53662	-0.33	-0.29	-0.40	-0.33	-0.24	-0.34	-0.14											
HILICneg_350.8854_4.33	HILIC	neg	4.33	350.8854			4		0.76210	0.90578	-0.03	0.35	0.45	-0.09	-0.05	0.07	0.00463	0.14157	0.28	0.34	0.07	0.22	0.55	0.16	0.25											
HILICneg_350.9726_6.15	HILIC	neg	6.15	350.9726			4		0.38154	0.69531	-0.10	0.07	0.06	0.06	-0.11	-1.00	0.45370	0.88338	0.49	0.44	0.93	1.59	0.16	0.05	-0.02											
RPneg_351.00436_2.112	RP	neg	2.112	351.0044			4		0.59701	0.99886	0.01	0.09	0.91	0.12	-0.10	-0.45	0.00297	0.10945	1.24	0.80	2.15	2.19	1.12	0.53	-0.09											
HILICneg_351.0061_4.05	HILIC	neg	4.05	351.0061			4		0.54891	0.80347	0.15	0.33	1.35	0.31	-0.16	-0.61	0.00076	0.04774	1.40	0.83	1.89	2.85	1.46	0.40	0.10											
RPneg_351.01132_3.524	RP	neg	3.524	351.0113			4		0.08580	0.41134	0.40	0.47	1.07	1.03	0.24	-0.06	0.00541	0.15437	0.83	-0.06	0.54	1.17	0.62	1.78	0.12											
RPneg_351.01874_5.373	RP	neg	5.373	351.0187			4		0.46237	0.75264	0.13	0.05	0.52	0.49	-0.05	-0.14	0.35264	0.83234	0.44	-0.23	-0.02	0.41	1.14	1.17	1.71											
HILICneg_351.0351_2.57	HILIC	neg	2.57	351.0351			4		0.03599	0.31053	-0.45	-0.22	-0.27	-0.31	-0.50	0.33	0.56878	0.92109	-0.39	0.01	0.13	-0.74	-0.56	-0.58	0.28											
HILICneg_351.0572_7.11	HILIC	neg	7.11	351.0572			4		0.51078	0.78283	-0.13	0.16	-0.02	-0.09	0.05	-0.60	0.20359	0.71972	-0.32	-0.28	-0.36	0.01	-0.43	-0.36	-0.29											
HILICneg_351.0573_1.84	HILIC	neg	1.84	351.0573			4		0.76726	0.90862	0.07	-0.25	0.76	0.36	-0.07	0.43	0.27594	0.78624	-0.23	0.31	0.21	-0.29	0.04	1.13	-0.08											
RPneg_351.07571_8.767	RP	neg	8.767	351.0757			4		0.31687	0.64428	-0.17	-0.15	-0.22	-0.16	0.12	-0.02	0.28710	0.79384	0.12	0.09	0.12	0.12	0.12	-0.02	0.36											
RPneg_351.0925_7.163	RP	neg	7.163	351.0925			4		0.35447	0.67393	0.45	0.76	0.61	0.19	0.95	-0.06	0.25219	0.76793	0.80	0.81	0.81	0.89	0.62	0.75	0.13											
HILICneg_351.0931_0.4	HILIC	neg	0.4	351.0931																																

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)														IV-Alcohol clamp (IV-AC)															
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo								Area Under the Curve (AUC)						IV-Ghrelin or Placebo									
									Baseline			IV-ASA			Baseline		IV-Ghrelin		Placebo		Baseline			Post-LD			IV-Ghrelin		Placebo		Baseline		Post-LD		IV-Ghrelin		Placebo	
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPpos_359.3626_9.78	RP	pos	9.78				4		0.73560	0.89335	-0.10	0.08	0.01	0.59	-0.02	0.15	0.75798	0.96233	-0.11	-0.03	0.74	-0.61	-0.43	0.40	0.20	0.20												
RPpos_359.7134_5.7	RP	pos	5.7	359.7134			4		0.30582	0.63468	-0.28	0.01	0.60	-0.35	-0.31	0.54	0.02904	0.35545	-0.32	-0.35	-0.19	-0.43	-0.13	0.06	-0.41													
HILICneg_359.8777_4.88	HILIC	neg	4.88	359.8777			4		0.53109	0.79398	-0.09	0.35	0.40	-0.09	-0.12	0.70	0.15909	0.66769	-0.34	-0.08	-0.57	0.12	-0.19	-0.87	-0.54													
HILICneg_360.059_5.26	HILIC	neg	5.26	360.0590			4		0.01799	0.24482	-0.29	-0.04	0.13	-0.28	0.16	-0.39	0.57811	0.92331	0.09	-0.08	0.23	0.53	0.24	-0.18	-0.29													
HILICneg_360.0607_5.41	HILIC	neg	5.41	360.0607			4		0.13333	0.92887	0.05	0.35	0.28	-0.07	0.42	0.16	0.15533	0.66379	0.00	-0.16	0.31	0.95	0.17	0.25	-1.13													
RPneg_360.0995_1.404	RP	neg	1.404	360.0995			4		0.20272	0.92737	0.05	0.35	0.28	-0.07	0.42	0.16	0.0660	0.2993	0.96	0.46	0.56	1.84	0.77	0.17	-0.54													
RPneg_360.11713_10.867	RP	neg	10.867	360.1171			4		0.85872	0.94701	0.03	-0.17	0.07	0.50	-0.10	0.54	0.96015	0.99553	-0.07	-0.13	0.09	-0.24	-0.13	0.03	0.18													
HILICneg_360.1297_5.18	HILIC	neg	5.18	360.1297			4		0.27170	0.60774	0.35	0.03	1.12	0.51	0.26	0.04	0.02987	0.36003	0.61	0.24	0.76	0.91	0.94	0.25	0.36													
RPpos_360.1644_5.46	RP	pos	5.46	360.1644			4		0.09753	0.42766	0.20	0.12	0.29	0.10	0.40	0.58	0.65128	0.93978	-0.13	-0.14	-0.05	-0.14	-0.02	-0.22	-0.22													
RPneg_360.19363_10.874	RP	neg	10.874	360.1936			4		0.93803	0.97750	-0.03	0.62	0.06	1.23	-0.50	-0.63	0.22807	0.74513	-0.34	-0.17	1.42	0.05	-0.10	-0.30	-0.37													
HILICneg_360.2387_0.74	HILIC	neg	0.74	360.2387			4		0.25611	0.59417	0.56	0.24	0.73	0.48	0.55	-0.13	0.10595	0.58363	0.90	0.82	0.77	0.81	0.17	0.99	-0.08													
RPneg_360.23926_7.257	RP	neg	7.257	360.2393			4		0.18524	0.53180	0.62	0.36	0.97	0.60	0.57	-0.10	0.07258	0.51376	0.82	0.92	0.85	0.72	0.21	0.88	-0.07													
RPpos_360.2751_7.59	RP	pos	7.59	360.2751			4		0.24851	0.58805	0.40	0.20	0.53	0.50	0.87	0.08	0.06312	0.48793	0.56	0.26	0.63	0.62	0.45	0.50	0.05													
RPpos_360.3112_10.56	RP	pos	10.56	360.3112			4		0.78921	0.91753	0.01	0.07	-0.23	0.27	-0.07	0.84	0.94877	0.99317	-0.11	0.04	-0.01	-0.25	-0.25	-0.26	0.11													
RPpos_360.3233_11.58	RP	pos	11.58	360.3233			4		0.93848	0.97759	0.03	0.31	0.12	0.14	0.14	-0.76	0.72799	0.95678	-0.01	0.58	-0.02	0.12	-0.44	0.07	0.01													
RPpos_360.3633_9.28	RP	pos	9.28	360.3633			4		0.28093	0.61509	-0.27	2.22	-0.18	-0.27	-0.11	0.28	0.22001	0.73681	-0.35	-0.38	-0.23	-0.43	0.35	-0.07	0.32													
HILICneg_360.9761_4.21	HILIC	neg	4.21	360.9761			4		0.35901	0.67767	-0.28	-0.92	0.45	-0.84	-0.83	-0.69	0.95213	0.99379	-0.07	0.40	-0.36	0.13	0.16	-0.24	-0.72													
HILICneg_361.0069_0.49	HILIC	neg	0.49	361.0063			4		0.44789	0.74278	0.09	0.06	0.32	-0.02	0.09	0.51	0.16116	0.67081	-0.21	-0.21	-0.21	-0.21	-0.18	-0.35	0.04													
HILICneg_361.0215_5.41	HILIC	neg	5.41	361.0215			4		0.09078	0.41972	-0.40	0.16	-0.14	-0.19	-0.23	-0.57	0.64737	0.93893	-0.16	0.08	-0.02	0.25	-0.48	-0.48	-0.18													
HILICneg_361.0558_4.95	HILIC	neg	4.95	361.0558			4		0.12014	0.45565	-0.39	-0.21	0.30	-0.25	-0.50	-0.59	0.53067	0.91225	-0.18	-0.20	-0.14	0.03	-0.13	-0.36	-0.27													
RPneg_361.06943_5.593	RP	neg	5.593	361.0694			4		0.21568	0.55805	-0.10	-0.03	-0.04	-0.09	-0.01	-0.13	0.38731	0.85056	-0.28	-0.26	-0.25	-0.29	-0.27	-0.32	-0.32													
HILICneg_361.1042_0.46	HILIC	neg	0.46	361.1042			4		0.84555	0.94211	0.21	0.54	0.43	0.11	0.29	-0.26	0.04628	0.43117	0.79	0.89	0.82	1.30	0.78	0.53	0.06													
HILICneg_361.1253_1.19	HILIC	neg	1.19	361.1253			4		0.61472	0.83582	0.09	-0.09	0.26	0.10	0.80	0.07	0.00313	0.11243	0.81	0.44	0.80	0.47	1.21	0.57	0.68													
HILICpos_361.1259_5.64	HILIC	pos	5.64	361.1259			4		0.68493	0.87002	0.07	0.14	0.55	0.65	0.07	-0.30	0.00048	0.03575	0.48	0.44	0.37	0.69	0.57	0.52	-0.31													
HILICpos_361.1261_5.8	HILIC	pos	5.8	361.1261			4		0.85085	0.94392	0.12	0.54	0.75	0.35	0.03	-0.70	0.05903	0.47684	1.02	0.84	0.77	1.21	0.64	0.92	0.65													
RPneg_361.15073_3.683	RP	neg	3.683	361.1507			4		0.03852	0.31643	0.30	0.00	0.28	0.57	0.28	-0.71	0.42786	0.87245	0.16	0.01	0.07	0.26	0.22	0.28	-0.31													
RPpos_361.167_10.86	RP	pos	10.86	361.1670			4		0.10777	0.44127	0.57	0.22	0.28	0.02	2.05	0.31	0.92400	0.98905	-0.01	-0.30	0.83	-0.31	-0.38	0.18	0.18													
RPpos_361.1754_11.73	RP	pos	11.73	361.1754			4		0.51804	0.78688	0.42	0.51	0.26	0.46	0.69	-0.39	0.13018	0.62371	0.73	0.82	0.77	0.81	0.77	0.43	-0.06													
HILICpos_361.1817_0.63	HILIC	pos	0.63	361.1817			4		0.03056	0.29493	-0.51	-0.24	-0.12	0.09	-0.46	-0.18	0.98504	0.99776	-0.01	-0.09	-0.04	-0.45	0.77	-0.06	0.03													
RPpos_361.1833_4.61	RP	pos	4.61	361.1833			4		0.01482	0.22897	-0.49	-0.26	0.16	-0.31	-0.57	-0.06	0.73725	0.95879	0.25	0.24	0.22	-0.84	0.82	0.04	-0.05													
RPneg_361.20282_9.393	RP	neg	9.393	361.2028			4		0.42487	0.72633	0.70	0.49	0.94	0.72	0.78	1.02	0.26345	0.77582	-0.31	-0.31	-0.31	-0.32	-0.33	-0.31	-0.29													
RPneg_361.20474_10.157	RP	neg	10.157	361.2047			4		0.23831	0.57997	-0.28	-0.23	-0.14	-0.12	0.00	-0.16	0.49735	0.96072	0.02	0.21	0.25	-0.20	-0.38	0.06	0.04													
RPpos_361.2375_10.39	RP	pos	10.39	361.2375			4		0.75664	0.89474	0.14	0.15	0.66	0.11	0.40	-0.33	0.80158	0.96901	-0.19	-0.15	-0.15	-0.15	-0.20	-0.54	-0.27													
RPneg_361.2381_9.366	RP	neg	9.366	361.2381			4		0.13450	0.47363	0.27	0.82	0.16	0.05	1.31	-0.09	0.57721	0.93207	0.17	0.14	0.49	0.29	0.04	0.21	-0.08													
RPpos_361.24_10.97	RP	pos	10.97	361.2400			4		0.57601	0.81637	0.07	1.04	-0.23	0.59	0.23	0.15	0.10578	0.58362	-0.35	-0.26	0.04	-0.49	-0.13	-0.36	-0.37													
RPneg_362.09552_10.637	RP	neg	10.637	362.0955			4		0.07604	0.39588	0.72	0.07	0.04	1.16	2.26	-0.58	0.58635	0.92534	-0.07	-0.11	0.01	-0.20	0.03	-0.12	0.13													
HILICpos_362.1125_4.22	HILIC	pos	4.22	362.1125			4		0.50972	0.78230	0.12	0.42	1.14	0.10	-0.07	-0.39	0.00741	0.18150	0.52	0.23	0.82	1.17	0.41	0.10	-0.50													
RPpos_362.1898_10.9	RP	pos	10.9	362.1898			4		0.00278	0.10921	1.07	-0.04	0.61	0.70	2.08	0.12	0.37815	0.84565	-0.29	-0.46	0.06	-0.40	-0.32	-0.21	-0.22													
RPpos_362.2222_7.32	RP	pos	7.32	362.2222			4		0.51100	0.78290	-0.17	-0.36	0.52	-0.08	-0.30	0.49	0.92212	0.98881	-0.02	0.09	0.13	0.30	-0.13	-0.70	-0.17													
RPpos_362.2228_5.84	RP	pos	5.84	362.2228			4		0.27636	0.61153	-0.29	0.13	0.60	-0.63	-0.26	0.35	0.01163	0.22984	-0.36	-0.33	-0.07	0.51	-0.03	-0.09	-0.54													
RPpos_362.2535_9.58	RP	pos	9.58	362.2535			4		0.36297	0.68095	-0.39	0.14	0.32	0.00	-0.03	0.21	0.43013	0.87365	-0.24	-0.49	-0.17	-0.06	-0.16	-0.09	0.02													
RPpos_362.2689_12.26	RP	pos	12.26	362.2689			4		0.54197	0.79896	-0.16	0.42	0.25	-0.22	0.36	-0.12	0.97826	0.99726	-0.04	0.01	0.44	-0.20	0.17	-0.22	-0.37													
RPpos_362.2728_10.81	RP	pos	10.81	362.2728			4		0.52734	0.79190	0.06	1.15	0.00	0.48	-0.05	0.29	0.00991	0.21165	-0.28	-0.31	-0.07	0.34	-0.07	-0.15	-0.33													
RPpos_362.3023_11.07	RP	pos	11.07	362.3023			4		0.17265	0.51820	-0.51	-0.13	-0.08	-0.17	-0.50	-0.43	0.60274	0.92874	0.23	1.38	-0.35	0.56	-0.07	0.21	0.81													
RPpos_362.3389_12	RP	pos	12	362.3389			4		0.94044	0.97832	0.03	0.25	0.24	0.17	-0.02	-0.69	0.55694	0.91950	-0.03	0.97	-0.25	0.10	-0.50	0.05	0.16													
RPpos_362.																																						

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MS/MS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo							Area Under the Curve (AUC)						IV-Ghrelin or Placebo						
									Baseline			IV-ASA			BRAc=0							Baseline			Post-LD			IV-AC						
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d			
RPpos_364.2574_12.41	RP	pos	12.41	364.2574			4		0.70614	0.88014	-0.11	0.40	-0.26	-0.25	0.37	0.13	0.05778	0.47280	-0.24	0.09	-0.19	-0.24	-0.28	-0.20	-0.39									
RPpos_364.3567_11.71	RP	pos	11.71	364.3567			4		0.77754	0.91243	0.10	0.39	0.14	0.21	0.07	-0.59	0.13540	0.63355	-0.16	0.45	-0.08	-0.11	-0.53	-0.06	-0.03									
HILICneg_364.8426_0.92	HILIC	neg	0.92	364.8426			4		0.14233	0.48216	-0.32	-0.35	-0.22	-0.01	-0.35	-0.06	0.29191	0.79623	-0.27	-0.28	-0.25	-0.37	-0.21	-0.25	0.19									
HILICneg_364.8692_3.14	HILIC	neg	3.14	364.8692			4		0.02743	0.28442	-0.61	-0.19	-0.84	0.13	0.20	0.97	0.92851	0.98959	-0.03	-0.32	-0.31	-0.33	-0.23	-0.21	0.37									
HILICneg_364.9283_5.41	HILIC	neg	5.41	364.9283			4		0.42548	0.72691	-0.20	0.45	-0.17	-0.19	0.70	0.16	0.32753	0.81179	0.02	-0.21	0.01	0.49	0.38	0.24	-0.88									
RPneg_365.0336_6.66	RP	neg	6.66	365.0336			4		0.06408	0.37245	0.45	0.07	0.90	0.89	0.07	0.37	0.01760	0.28428	0.44	0.23	1.89	3.42	2.88	3.77	1.77									
RPpos_365.0426_3.58	RP	pos	3.58	365.0426			4		0.00694	0.16431	0.53	0.60	0.63	0.43	0.59	0.89	0.45009	0.88150	0.29	-0.07	0.27	0.23	0.26	0.71	0.46									
HILICneg_365.0611_0.87	HILIC	neg	0.87	365.0611			4		0.33384	0.65756	0.27	0.18	1.22	0.83	-0.18	-0.38	0.17487	0.68956	0.44	-0.14	0.36	0.42	0.56	0.61	-0.20									
HILICneg_365.0726_1.34	HILIC	neg	1.34	365.0726			4		0.72984	0.88997	0.09	-0.11	0.91	0.37	0.23	0.20	0.15535	0.66179	0.33	0.34	-0.02	-0.19	0.45	0.82	0.27									
HILICneg_365.1057_6.41	HILIC	neg	6.41	365.1057			4		0.01600	0.23429	-0.49	-0.10	-0.28	-0.45	-0.34	-0.49	0.01909	0.29300	-0.67	-0.68	-0.59	-0.31	-0.68	-0.84	-0.20									
HILICneg_365.12_5.26	HILIC	neg	5.26	365.1200			4		0.40220	0.71023	0.23	-0.40	-0.13	-0.22	1.50	0.54	0.10081	0.57282	1.37	-0.05	0.61	1.47	0.89	1.27	1.55									
RPneg_365.1355_1.951	RP	neg	1.951	365.1355			4		0.48014	0.76412	-0.23	0.38	0.25	0.06	0.03	-0.61	0.09110	0.55601	-0.42	-0.26	-0.38	-0.53	-0.33	-0.53	-0.44									
HILICneg_365.1429_0.55	HILIC	neg	0.55	365.1429			4		0.76035	0.90500	0.09	0.17	0.18	0.12	0.16	0.28	0.32737	0.81922	0.13	0.11	0.25	0.15	-0.01	0.18	-0.04									
RPneg_365.14322_6.829	RP	neg	6.829	365.1432			4		0.83321	0.93727	0.14	0.16	0.27	0.17	0.35	0.06	0.40874	0.86241	0.10	0.13	0.10	0.10	0.12	0.11	0.01									
HILICpos_365.1569_0.62	HILIC	pos	0.62	365.1569			4		0.52548	0.79084	-0.25	-0.38	0.02	0.34	-0.07	0.04	0.62022	0.93310	0.11	0.05	0.16	-0.24	0.32	0.10	0.01									
RPpos_365.1982_11.3	RP	pos	11.3	365.1982			4		0.00259	0.10455	1.04	-0.03	0.24	0.78	2.45	0.14	0.94518	0.99218	-0.02	-0.27	0.68	-0.21	0.01	-0.15	0.05									
RPpos_365.2_10.9	RP	pos	10.9	365.2000			4		0.00521	0.14263	1.01	-0.05	0.59	0.90	2.02	0.03	0.73780	0.95893	-0.14	-0.46	0.31	-0.27	-0.12	-0.22	-0.04									
RPpos_365.2327_7	RP	pos	7	365.2320			4		0.12556	0.47045	0.47	-0.03	0.38	0.66	1.19	0.59	0.64310	0.93733	0.15	-0.37	-0.31	-0.27	0.46	0.57	0.15									
RPpos_365.2329_6.6	RP	pos	6.6	365.2329			4		0.00099	0.06411	0.22	0.22	1.21	1.36	2.77	-0.28	0.00003	0.00056	1.59	0.28	0.70	1.48	2.16	2.16	-0.02									
RPpos_365.233_6.86	RP	pos	6.86	365.2330			4		0.00002	0.00685	1.48	0.21	1.53	1.49	2.89	0.57	0.00000	0.00013	1.36	0.00	-0.12	0.90	2.56	2.38	0.60									
RPpos_365.3025_11.18	RP	pos	11.18	365.3025		no autoMSMS	4		0.00189	0.08764	1.60	0.24	0.48	1.14	3.33	-0.13	0.82231	0.97319	0.01	-0.18	0.18	0.00	0.20	-0.08	-0.04									
RPneg_365.93942_2.635	RP	neg	2.635	365.9394			4		0.01522	0.23217	0.38	0.48	0.42	0.44	0.53	0.53	0.65928	0.94207	0.06	-0.03	0.06	0.08	-0.05	-0.01	0.76									
HILICneg_366.0181_0.94	HILIC	pos	0.94	366.0181			4		0.35851	0.67753	0.14	0.17	0.17	0.51	0.27	-0.16	0.01125	0.22564	-0.35	-0.37	-0.49	-0.22	-0.23	-0.32	-0.45									
RPneg_366.10129_6.325	RP	neg	6.325	366.1013			4		0.84994	0.94363	0.20	0.20	0.59	0.40	0.25	-0.66	0.02689	0.34456	1.77	1.59	1.85	1.82	1.64	1.64	1.86									
RPneg_366.10153_6.125	RP	neg	6.125	366.1015			4		0.70571	0.87977	0.11	0.08	0.37	0.30	0.27	-0.62	0.05658	0.46911	1.89	2.33	2.12	2.06	1.82	1.73	1.75									
RPpos_366.1848_10.9	RP	pos	10.9	366.1848			4		0.00400	0.12882	0.99	-0.06	0.58	1.02	1.93	-0.04	0.71249	0.95351	-0.15	-0.41	0.29	-0.31	-0.12	-0.24	-0.07									
RPpos_366.1865_10.57	RP	pos	10.57	366.1865			4		0.07137	0.38701	0.40	1.29	0.09	0.63	0.21	1.11	0.20707	0.72378	-0.20	-0.10	0.02	0.27	-0.23	-0.24	-0.32									
RPpos_366.2052_11.17	RP	pos	11.17	366.2052			4		0.00301	0.11311	1.14	-0.17	0.62	0.94	2.06	-0.06	0.95747	0.99479	-0.05	-0.37	0.33	-0.14	0.03	-0.15	0.09									
HILICpos_366.238_1	HILIC	pos	1	366.2380			4		0.18190	0.52784	0.30	0.17	1.18	0.76	0.43	0.90	0.20219	0.71842	0.17	-0.29	0.37	0.36	0.39	0.34	-0.40									
HILICpos_366.2381_1.11	HILIC	pos	1.11	366.2381			4		0.70171	0.87816	-0.16	0.28	0.56	-0.04	-0.07	0.62	0.12459	0.61515	-0.20	-0.23	-0.09	-0.27	-0.03	-0.01	-0.37									
HILICpos_366.2384_0.85	HILIC	pos	0.85	366.2384			4		0.69076	0.87288	-0.16	0.35	0.88	-0.11	0.02	0.45	0.02854	0.35230	-0.27	-0.34	-0.10	-0.32	0.00	-0.01	-0.60									
RPpos_366.265_10.42	RP	pos	10.42	366.2650			4		0.25390	0.59219	0.33	0.51	0.32	0.26	0.49	0.21	0.58231	0.92442	0.95	0.18	0.29	-0.54	-0.18	0.91	0.41									
HILICpos_366.264_0.65	HILIC	pos	0.65	366.2647			4		0.09617	0.62714	0.36	0.10	0.53	0.30	0.67	0.35	0.17240	0.68579	0.35	0.65	0.54	0.26	0.09	0.26	0.68									
HILICneg_366.3004_0.4	HILIC	pos	0.4	366.3004			4		0.87611	0.95355	-0.08	0.17	0.64	0.07	-0.32	-0.24	0.84419	0.99197	0.00	0.26	-0.16	0.66	-0.54	0.48	-0.50									
RPpos_366.373_12.06	RP	pos	12.06	366.3730			4		0.78209	0.91454	0.09	0.40	0.14	0.18	0.19	-0.69	0.44013	0.87851	-0.02	0.69	0.02	0.02	-0.47	0.02	0.05									
RPpos_366.7035_5.7	RP	pos	5.7	366.7035			4		0.23177	0.57324	0.31	-0.05	0.37	0.65	0.31	0.47	0.93370	0.98984	0.00	-0.36	0.27	0.00	0.07	-0.47	0.17									
HILICneg_366.8843_0.53	HILIC	neg	0.53	366.8843			4		0.01194	0.20944	-0.70	-0.69	-0.67	-0.37	-0.23	-0.28	0.54197	0.91464	-0.05	0.42	-0.09	-0.08	0.24	-0.37	-0.08									
RPneg_366.90042_8.601	RP	neg	8.601	366.9004			4		0.59841	0.82782	-0.20	-0.17	-0.15	-0.15	-0.16	-0.36	0.62433	0.93371	1.20	1.20	1.18	1.12	1.24	1.24	1.27									
HILICneg_366.9009_0.39	HILIC	neg	0.39	366.9009			4		0.52315	0.78939	-0.20	-0.17	-0.14	-0.14	-0.16	-0.37	0.64695	0.93869	1.22	1.31	1.26	1.12	1.18	1.32	1.17									
RPneg_367.01254_5.392	RP	neg	5.392	367.0125			4		0.42759	0.72875	0.12	0.07	0.41	0.38	-0.14	-0.11	0.90886	0.98698	-0.04	-0.24	-0.12	0.09	0.10	0.06	-0.02									
HILICneg_367.0373_0.66	HILIC	neg	0.66	367.0373			4		0.51450	0.78469	0.10	-0.04	0.62	0.52	-0.25	0.96	0.34568	0.82882	0.08	-0.05	0.13	0.10	-0.01	0.34	-0.13									
RPneg_367.04944_8.767	RP	neg	8.767	367.0494			4		0.59915	0.82804	-0.09	-0.14	-0.07	-0.07	-0.17	0.05	0.16939	0.68171	0.17	0.23	0.19	0.12	0.08	0.14	0.34									
HILICneg_367.0742_5.62	HILIC	neg	5.62	367.0742			4		0.36247	0.68067	-0.21	-0.10	0.06	-0.13	-0.25	-0.06	0.03479	0.38170	-0.14	-0.11	0.06	0.12	-0.23	-0.27	-0.50									
HILICneg_367.0874_1.25	HILIC	neg	1.25	367.0874			4		0.59376	0.82595	0.12	-0.15	0.35	0.18	0.51	0.42	0.66470	0.94321	0.07	-0.15	-0.15	0.17	0.00	0.08	0.72									
HILICneg_367.1061_0.57	HILIC	neg	0.57	367.1061			4		0.29562	0.62685	0.42	0.61	0.60	0.27	0.62	0.08	0.05808	0.47410	1.30	1.26	1.16	1.45	0.72	1.28	0.47									
HILICpos_367.1151_5.64	HILIC	pos	5.64	367.1151			4		0.50016	0.77625	0.14	0.26	0.41	0.58	0.18	0.20	0.08499	0.54143	-0.45	0.86	0.42	0.28	0.46	0.37	-0.36									
HILICneg_367.1156_5.92	HILIC	neg	5.92	367.1156			4		0.45882	0.75029	-0.13	-0.06	0.53	0.07	-0.24	0.32	0.07436	0.51711	0.67	0.94	0.82	0.54	0.36	0.69	-0.90									
RPneg_367.15796_7.821	RP	neg	7.821	367.1580			4		0.12128	0.45664	-0.11	-0.05	0.10	-0.02	0.12	-0.48	0.25237	0.76813	0.30	0.23	0.24	0.29	0.38	0.34	0.28									
RPneg_367.15796_9.053	RP	neg	9.053	367.1580			4		0.55231	0.80506	0.35	0.45	-0.25	1.31	0.25	-0.32	0.11227	0.59517	1.83	-0.02	1.79	0.15	4.79	1.91	0.13									
RPneg_367.15802_10.98	RP	neg																																

											IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)																										
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)									Baseline									Post-LD																					
									IV-Ghrelin or Placebo			IV-ASA			BtAc=0			Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo			IV-AC			Post-AC			BtAc=0												
									p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d				
RPneg_368.31662_10.96	RP	neg	10.96	368.3166			4		0.92742	0.97412	0.04	0.09	0.28	0.01	0.49	-0.41	0.00079	0.04917	1.48	1.42	1.48	1.30	1.64	1.34	0.71																							
RPos_368.3886_12.59	RP	pos	12.59	368.3886			4		0.94060	0.97832	0.03	0.10	0.15	0.25	0.19	-0.69	0.95732	0.99475	-0.19	1.98	-0.30	0.22	-0.42	0.19	0.42																							
RPos_368.738_6.88	RP	pos	6.88	368.7380			4		0.97660	0.99092	-0.01	0.34	0.39	0.43	-0.06	-0.99	0.84958	0.97748	-0.10	-0.18	0.18	0.21	0.01	0.00	-0.67	-0.22																						
RPos_368.7383_7.24	RP	pos	7.24	368.7383			4		0.98517	0.82142	-0.16	-0.29	0.37	-0.01	-0.31	0.37	0.81888	0.97238	0.02	0.02	0.33	0.07	-0.06	-0.60	-0.20																							
RPneg_368.89691_8.601	RP	neg	8.601	368.8969			4		0.56855	0.91331	-0.20	-0.17	-0.14	-0.15	-0.16	-0.36	0.58350	0.92445	1.72	1.20	0.24	1.16	1.26	1.23	1.74																							
HILICneg_368.8972_0.39	HILIC	neg	0.39	368.8972			4		0.53181	0.79421	-0.23	-0.11	-0.14	-0.14	-0.12	-0.17	0.63570	0.82423	1.32	2.42	1.32	1.24	1.11	0.21	-1.17																							
HILICneg_368.966_4.33	HILIC	neg	4.33	368.9660			4		0.32918	0.65340	-0.08	0.10	0.19	-0.20	0.07	-0.07	0.01782	0.28545	0.24	0.36	0.28	0.11	0.41	0.11	-0.02																							
HILICneg_368.9715_0.49	HILIC	neg	0.49	368.9715			4		0.88061	0.95563	-0.01	-0.10	0.03	-0.05	0.28	-0.04	0.31914	0.81500	0.38	0.40	0.24	0.57	0.16	0.41	0.27																							
RPneg_368.97195_2.431	RP	neg	2.431	368.9720			4		0.97575	0.99063	-0.04	0.00	-0.01	-0.10	0.01	0.21	0.13755	0.63663	0.55	0.49	0.70	0.51	0.56	0.36	0.80																							
RPneg_368.97607_8.604	RP	neg	8.604	368.9761			4		0.49930	0.77600	-0.21	0.01	0.11	-0.17	0.05	-0.29	0.16571	0.67711	0.15	0.18	0.24	0.12	0.21	0.11	0.08																							
HILICneg_368.9764_0.42	HILIC	neg	0.42	368.9764			4		0.48517	0.76764	-0.21	0.03	0.08	-0.23	0.03	-0.23	0.22840	0.74521	0.12	0.08	0.25	0.07	0.12	0.12	0.06																							
RPos_369.0134_1.69	RP	pos	1.69	369.0134			4		0.04826	0.34231	-0.34	0.00	-0.17	-0.29	-0.25	-0.49	0.86181	0.97982	-0.08	0.03	0.20	-0.13	-0.06	-0.41	0.52																							
HILICneg_369.0331_0.66	HILIC	neg	0.66	369.0331			4		0.29295	0.62497	0.13	-0.02	0.60	0.54	-0.25	0.86	0.40052	0.85821	0.07	-0.22	0.06	0.33	-0.24	0.35	-0.18																							
HILICneg_369.0672_5.96	HILIC	neg	5.96	369.0672			4		0.45596	0.74813	-0.16	-0.05	0.06	-0.11	0.00	-0.57	0.46617	0.88791	0.22	0.23	0.28	0.23	0.63	-0.16	0.36																							
HILICneg_369.0683_5.69	HILIC	neg	5.69	369.0683			4		0.96193	0.98629	0.01	-0.09	0.24	0.24	0.06	-0.12	0.12532	0.61687	0.49	0.69	0.88	0.42	0.60	0.20	0.15																							
HILICneg_369.0992_1.78	HILIC	neg	1.78	369.0992			4		0.70131	0.87812	-0.17	-0.37	-0.07	-0.38	0.22	0.18	0.21502	0.73154	0.69	0.32	0.30	0.95	0.09	1.22	0.66																							
RPneg_369.11862_6.005	RP	neg	6.005	369.1186			4		0.11807	0.45380	0.74	0.29	1.32	1.34	0.46	-0.45	0.63401	0.93546	0.22	-0.01	0.15	0.22	0.37	0.32	-0.05																							
HILICpos_369.1295_5.79	HILIC	pos	5.79	369.1295			4		0.13463	0.65812	0.18	0.24	0.45	0.36	0.27	0.03	0.03608	0.36580	0.21	0.37	0.49	0.29	0.08	-0.02	-0.22																							
RPneg_369.13708_10.757	RP	neg	10.757	369.1371			4		0.00575	0.14816	0.59	0.03	0.22	0.62	0.77	-0.11	0.62764	0.93475	-0.12	0.04	0.88	-0.22	-0.24	0.11	-0.13																							
RPos_369.1515_6.33	RP	pos	6.33	369.1515			4		0.63383	0.84465	0.14	0.11	-0.89	0.42	0.73	-0.13	0.64072	0.93638	-0.17	0.50	0.09	-0.28	-0.07	-0.74	-1.74																							
RPos_369.1528_6.24	RP	pos	6.24	369.1528			4		0.01515	0.23190	0.31	0.00	0.48	0.75	0.08	-0.88	0.80604	0.97022	-0.07	-0.19	-0.08	0.04	-0.01	-0.05	-0.25																							
RPneg_369.15402_7.429	RP	neg	7.429	369.1540			4		0.63228	0.84427	0.08	0.02	0.23	0.25	0.32	0.20	0.02769	0.34840	0.09	-0.06	0.09	0.03	0.24	0.18	-0.08																							
RPneg_369.15472_7.823	RP	neg	7.823	369.1547			4		0.10121	0.43354	-0.10	-0.06	0.05	0.02	0.25	-0.44	0.02407	0.32699	0.50	0.22	0.63	0.39	0.66	0.56	0.42																							
RPneg_369.17297_6.992	RP	neg	6.992	369.1730			4		0.02289	0.26488	-0.28	-0.03	-0.28	-0.39	-0.17	0.04	0.33874	0.82468	-0.22	-0.07	-0.02	-0.12	-0.16	-0.28	-0.32																							
RPneg_369.17328_8.17	RP	neg	8.17	369.1733			4		0.51453	0.78469	-0.06	-0.07	0.05	-0.05	0.04	0.03	0.82416	0.97347	0.02	0.00	0.01	0.01	0.05	0.05	0.03																							
RPneg_369.17337_11.315	RP	neg	11.315	369.1734			4		0.15206	0.49491	-0.28	-0.35	-0.09	0.29	0.06	-0.16	0.85385	0.97811	0.05	0.02	-0.04	-0.43	0.03	0.22	0.72																							
HILICneg_369.1734_0.53	HILIC	neg	0.53	369.1734			4		0.56789	0.81298	-0.05	-0.03	0.14	-0.03	0.02	-0.04	0.80198	0.96981	0.05	0.06	0.04	0.01	0.11	0.05	0.06																							
RPneg_369.17361_11.247	RP	neg	11.247	369.1736			4		0.97317	0.99003	-0.02	0.55	-0.63	0.58	0.94	0.17	0.28177	0.79060	-0.22	-0.16	-0.31	-0.13	-0.25	0.09	0.30																							
RPneg_369.17377_8.633	RP	neg	8.633	369.1738			4		0.30220	0.63148	3.16	0.14	0.32	5.08	6.04	0.02	0.37155	0.84141	0.52	-0.29	7.12	6.36	-0.57	-0.03	-0.20																							
RPneg_369.17398_8.761	RP	neg	8.761	369.1740			4		0.61987	0.83867	0.04	0.09	0.13	0.02	0.15	0.17	0.84581	0.97710	-0.04	-0.05	-0.05	-0.04	-0.01	-0.04	-0.02																							
RPneg_369.17401_8.082	RP	neg	8.082	369.1740			4		0.13383	0.47549	0.12	0.08	0.15	0.12	0.16	0.40	0.26484	0.74342	-0.13	-0.15	-0.15	-0.13	-0.10	-0.11	-0.10																							
RPneg_369.17404_7.972	RP	neg	7.972	369.1740			4		0.99282	0.99766	0.10	0.37	0.30	0.20	0.28	-0.32	0.19446	0.70878	0.40	0.33	0.38	0.32	0.55	0.35	0.28																							
RPneg_369.17407_6.933	RP	neg	6.933	369.1740			4		0.02306	0.26503	-0.19	0.31	0.20	0.18	0.25	-0.32	0.10538	0.59488	-0.16	0.07	0.32	0.26	0.36	0.14	0.17																							
RPneg_369.17413_7.354	RP	neg	7.354	369.1741			4		0.00360	0.08127	0.41	0.09	0.65	0.46	0.66	0.17	0.00000	0.00024	0.32	-0.07	0.26	0.49	0.53	0.40	-0.16																							
RPneg_369.17416_8.491	RP	neg	8.491	369.1742			4		0.37808	0.69310	0.02	0.07	0.13	0.03	0.16	0.19	0.23304	0.75039	0.23	0.18	0.26	0.23	0.26	0.25	0.13																							
RPneg_369.17422_7.67	RP	neg	7.67	369.1742			4		0.55045	0.80387	-0.05	0.01	0.10	-0.02	0.12	-0.10	0.52724	0.91004	0.19	0.16	0.19	0.17	0.21	0.20	0.15																							
HILICpos_369.1872_5.64	HILIC	pos	5.64	369.1872			4		0.24126	0.58195	-0.35	0.27	0.49	0.47	-0.47	-0.32	0.																															

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						BrAC=0		Area Under the Curve (AUC)			Baseline		Post-LD		IV-Ghrelin or Placebo				BrAC=0	
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	
HILICpos_374.185_4.48	HILIC	pos	4.48	374.1850		4			0.93828	0.97759	-0.08	0.08	0.37	0.05	0.15	-0.29		0.44318	0.87946	-0.19	0.29	-0.04	0.13	-0.11	-0.41	-0.41	-0.55					
HILICpos_374.2048_1.05	HILIC	pos	1.05	374.2048		4			0.69849	0.87652	-0.17	0.21	0.57	0.10	-0.21	0.04		0.05488	0.46335	-0.24	-0.17	-0.20	-0.31	-0.06	-0.06	-0.06	-0.36					
HILICpos_374.2175_0.55	HILIC	pos	0.55	374.2175		4			0.15797	0.50099	-0.36	0.24	-0.03	-0.50	-0.15	-0.38		0.41074	0.86351	-0.40	0.02	-0.58	-0.29	0.16	0.12	0.06						
RPneg_374.22162_4.28	RP	neg	4.28	374.2216		4			0.95083	0.77960	0.29	0.46	-0.31	0.49	0.19	0.07		0.00761	0.18468	1.21	2.91	0.27	0.11	0.56	4.92	-0.57						
HILICpos_374.2361_0.46	HILIC	pos	0.46	374.2361		4			0.46640	0.77411	-0.21	-0.27	0.16	-0.03	0.19	-0.36		0.52498	0.99966	-0.25	-0.28	-0.07	-0.34	-0.05	-0.44	-0.18						
HILICpos_374.2516_0.05	HILIC	pos	0.05	374.2516		4			0.10396	0.43699	0.02	0.58	-0.21	0.03	0.19	0.05		0.53393	0.92292	0.05	-0.33	0.54	-0.37	0.05	-0.18	0.43						
RPpos_374.3262_11.12	RP	pos	11.12	374.3262		4			0.02770	0.28557	-0.53	0.12	-0.12	-0.26	-0.28	-0.31		0.63143	0.93546	0.19	-0.20	-0.21	-0.47	1.84	0.33	0.61						
RPpos_374.3264_10.88	RP	pos	10.88	374.3264		4			0.63618	0.84601	0.14	0.20	0.45	1.16	0.39	-0.31		0.06138	0.48399	0.63	0.51	0.23	1.00	0.22	0.70	0.07						
HILICpos_374.8081_2.97	HILIC	pos	2.97	374.8081		4			0.31584	0.64235	-0.30	0.08	0.50	-0.19	-0.24	1.46		0.73241	0.95803	-0.12	-0.20	0.12	1.17	0.24	0.03	-0.38						
RPneg_375.00653_5.187	RP	neg	5.187	375.0065		4			0.59717	0.82733	0.17	0.11	0.37	0.55	0.15	0.40		0.80846	0.97079	0.05	-0.12	0.03	0.23	0.22	0.06	-0.09						
RPneg_375.00662_1.684	RP	neg	1.684	375.0066		4			0.01742	0.24235	-0.47	-0.12	-0.22	-0.42	-0.56	0.39		0.48945	0.89836	-0.45	-0.07	0.21	-0.76	-0.66	-0.49	0.18						
RPneg_375.02081_3.73	RP	neg	3.73	375.0208		4			0.12117	0.45664	0.46	0.42	0.56	0.38	0.38	0.84		0.56987	0.92121	-0.34	-0.35	-0.29	-0.32	-0.32	-0.37	-0.27						
HILICneg_375.0212_0.48	HILIC	neg	0.48	375.0212		4			0.07814	0.40019	0.49	0.46	0.67	0.37	0.45	0.85		0.31557	0.81238	-0.49	-0.50	-0.45	-0.48	-0.50	-0.49	-0.37						
HILICneg_375.0511_5.96	HILIC	neg	5.96	375.0511		4			0.55238	0.80511	0.03	0.19	0.31	0.16	0.11	-0.79		0.57402	0.92259	0.14	0.05	0.22	0.19	0.27	0.09	-0.17						
HILICpos_375.0663_7.09	HILIC	pos	7.09	375.0663		4			0.86207	0.94834	0.02	0.19	0.56	-0.02	-0.09	-0.36		0.00641	0.16877	0.59	0.62	0.88	1.08	0.46	0.06	-0.08						
RPneg_375.0751_5.592	RP	neg	5.592	375.0751		4			0.98537	0.99443	0.06	0.01	0.14	0.17	0.14	-0.21		0.83722	0.97582	0.11	0.14	0.00	0.07	0.20	0.12	0.10						
RPneg_375.08456_6.667	RP	neg	6.667	375.0846		4			0.20665	0.54993	-0.42	0.00	0.21	-0.22	-0.30	-0.16		0.69527	0.95054	-0.37	0.35	-0.29	-0.38	0.08	-0.46	-0.09						
HILICneg_375.105_1.19	HILIC	neg	1.19	375.1050		4			0.49403	0.77321	-0.08	0.06	0.11	-0.14	0.16	-0.04		0.55206	0.91809	0.02	0.27	0.15	0.04	0.06	0.14	-0.02						
RPneg_375.11934_6.082	RP	neg	6.082	375.1191		4			0.71327	0.88230	0.27	0.58	0.43	-0.19	0.47	-0.31		0.46701	0.88844	0.56	0.41	0.68	1.17	0.05	-0.41	0.01						
RPneg_375.1197_6.207	RP	neg	6.207	375.1192		4			0.61259	0.83447	0.29	0.72	0.49	0.19	0.39	-0.24		0.44162	0.87936	0.61	0.51	0.75	1.04	0.36	0.62	0.00						
RPneg_375.14514_6.453	RP	neg	6.453	375.1451		4			0.000473	0.13733	-0.13	-0.07	0.02	0.09	-0.09	-0.37		0.36702	0.83906	0.25	0.63	0.05	0.40	0.16	0.18	0.79						
HILICneg_375.1452_0.62	HILIC	neg	0.62	375.1452		4			0.06465	0.37457	-0.13	-0.18	0.13	-0.16	-0.01	-0.53		0.02135	0.23757	0.29	0.25	0.28	0.29	0.31	0.28	0.35						
RPpos_375.1643_6.48	RP	pos	6.48	375.1643		4			0.78717	0.91650	0.10	0.50	0.93	0.05	0.86	0.22		0.92866	0.98959	-0.05	1.21	0.13	-0.39	0.06	-0.14	-0.59						
RPneg_375.16617_13.181	RP	neg	13.181	375.1662		4			0.54012	0.79830	-0.16	0.22	0.26	-0.15	0.13	-0.51		0.18487	0.70052	-0.10	-0.24	-0.11	0.10	0.03	-0.25	-0.05						
HILICpos_375.1773_0.64	HILIC	pos	0.64	375.1773		4			0.06152	0.36878	-0.43	-0.12	0.39	-0.31	-0.45	-0.46		0.70877	0.95262	0.08	0.02	0.22	-0.12	0.61	-0.14	-0.03						
RPneg_375.18124_9.262	RP	neg	9.262	375.1812		4			0.17682	0.52261	-0.06	0.00	0.04	-0.06	0.04	-0.06		0.30623	0.80634	0.05	0.04	0.10	0.04	0.02	0.03	0.08						
RPpos_375.1883_5.84	RP	pos	5.84	375.1883		4			0.14378	0.48430	0.26	0.26	0.42	0.24	0.30	0.32		0.57088	0.92155	-0.15	-0.19	-0.10	-0.13	-0.06	-0.21	-0.28						
RPpos_375.2503_10.35	RP	pos	10.35	375.2503		4			0.62318	0.84007	0.17	0.20	0.44	0.64	0.41	-0.25		0.76331	0.96314	-0.02	-0.14	-0.05	0.20	-0.17	0.06	-0.13						
RPneg_375.25327_10.991	RP	neg	10.991	375.2533		4			0.00249	0.10246	1.20	0.03	0.17	0.87	2.47	0.20		0.59945	0.92780	0.18	-0.10	0.57	-0.07	0.11	0.38	-0.03						
RPneg_375.2533_11.072	RP	neg	11.072	375.2533		4			0.00556	0.14635	0.62	-0.05	0.08	0.28	2.09	0.10		0.39419	0.85421	0.51	0.31	0.91	2.20	0.44	0.24	-0.07						
RPpos_375.2888_9.75	RP	pos	9.75	375.2888		4			0.52623	0.79137	-0.20	0.41	-0.02	-0.21	-0.07	-0.59		0.01609	0.27178	1.45	0.14	0.80	1.74	2.55	2.60	1.05						
RPpos_375.2896_9.83	RP	pos	9.83	375.2896		4			0.00469	0.33734	0.38	0.54	0.50	0.28	0.58	0.28		0.10296	0.57751	0.70	0.22	0.49	0.87	1.13	1.14	1.08						
HILICneg_375.305_1.45	HILIC	neg	1.45	375.3050		4			0.52173	0.93209	-0.09	0.13	0.08	-0.09	0.12	0.28		0.07553	0.29532	-0.34	0.35	-0.36	-0.44	-0.21	-0.27	-0.25						
RPpos_375.7375_7.43	RP	pos	7.43	375.7375		4			0.45335	0.74626	-0.24	0.00	0.89	-0.26	-0.30	0.54		0.27313	0.78366	-0.33	-0.24	-0.03	0.37	0.11	-0.43	-0.38						
HILICneg_375.9507_5.41	HILIC	neg	5.41	375.9507		4			0.36716	0.68397	0.26	0.46	0.44	0.13	0.40	0.64		0.21533	0.73170	0.06	-0.14	0.04	0.20	0.13	0.28	-0.66						
HILICpos_375.9832_6.25	HILIC	pos	6.25	375.9832		4			0.90416	0.96465	0.03	0.16	0.54	0.33	-0.13	-0.70		0.02633	0.34220	0.57	0.71	0.50	0.80	0.36	0.40	-0.61						
HILICpos_376.0506_5.33	HILIC	pos	5.33	376.0506		4			0.17948	0.52467	0.37	0.38	0.47	0.36	0.46	0.52		0.05036	0.44686	0.15	0.12	0.04	0.18	0.17	0.45	-0.42						
HILICneg_376.0516_4.92	HILIC	neg	4.92	376.0516		4			0.60630	0.83194	-0.14	0.07	0.54	0.11	0.43	-0.85		0.02005	0.29989	0.37	0.38	0.32	0.42	0.26	0.37	0.42						
HILICneg_376.0518_0.97	HILIC	neg	0.97	376.0518		4			0.89470	0.96181	0.03	0.36	0.05	0.15	0.32	-0.20		0.75926	0.96233	0.09	0.20	0.07	0.30	0.11	0.06	-0.18						
HILICneg_376.0518_5.68	HILIC	neg	5.68	376.0518		4			0.84758	0.94294	0.08	0.11	0.69	0.00	0.28	-0.81		0.49861	0.90086	0.08	-0.87	-0.15	0.89	-0.33	0.31	-0.02						
HILICneg_376.0526_6.98	HILIC	neg	6.98	376.0526		4			0.80361	0.92441	0.02	0.13	0.69	0.20	0.17	-0.86		0.49082	0.89836	0.02	0.25	0.37	0.28	-0.44	-0.24	-0.10						
RPneg_376.1149_6.969	RP	neg	6.969	376.1149		4			0.60000	0.82870	0.34	0.71	0.50	0.07	0.68	-0.03		0.18917	0.70460	0.76	0.65	0.64	1.29	0.37	1.02	0.19						
RPneg_376.11536_7.165	RP	neg	7.165	376.1154		4			0.43211																							

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)																							
									Area Under the Curve (AUC)						Baseline			IV-Ghrelin or Placebo			BrAC=0			Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo			IV-AC			Post-AC			BrAC=0		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d			
RPneg_378.14972_10.919	RP	neg	10.919	378.1497			4		0.00004	0.01119	1.30	-0.03	0.65	1.33	1.68	0.11	0.71359	0.95354	-0.17	-0.47	-0.02	-0.27	-0.11	-0.01	-0.01	-0.05																		
HILICpos_378.176_1.32	HILIC	pos	1.32	378.1760			4		0.64306	0.84898	-0.08	0.14	0.60	-0.11	0.00	0.06	0.66716	0.94427	0.06	0.56	0.15	0.07	0.03	0.33	-0.17	-0.51																		
HILICneg_378.1912_5.69	HILIC	neg	5.69	378.1912			4		0.56707	0.81262	0.14	-0.03	0.94	0.52	-0.13	-0.11	0.01992	0.29847	0.52	0.44	0.66	0.86	0.38	0.25	-0.58	-0.58																		
HILICneg_378.1915_0.97	HILIC	neg	0.97	378.1915			4		0.92556	0.97207	0.03	0.34	0.08	0.13	0.23	0.00	0.64827	0.93906	0.13	0.13	0.30	0.19	0.32	0.11	-0.38	-0.38																		
RPpos_378.1943_5.87	RP	pos	5.87	378.1943			4		0.15016	0.49239	0.26	0.12	0.35	0.22	0.42	0.48	0.84522	0.97669	-0.09	-0.19	0.03	0.04	-0.07	-0.18	-0.23	-0.23																		
RPpos_378.2063_10.62	RP	pos	10.62	378.2063			4		0.77486	0.91139	-0.11	0.30	1.16	2.06	0.09	0.09	0.59207	0.83663	-0.04	0.06	0.06	0.12	-0.14	0.12	-0.12	-0.12																		
RPpos_378.2399_9.55	RP	pos	9.55	378.2399			4		0.53252	0.79471	-0.17	0.41	0.19	-0.30	0.07	-0.11	0.30665	0.80651	0.12	0.08	0.65	0.87	0.05	0.23	0.80	0.80																		
HILICneg_378.2407_4.38	HILIC	neg	4.38	378.2407			4		0.28161	0.61577	-0.26	0.44	-0.03	-0.31	0.06	0.08	0.68030	0.94763	0.20	-0.19	0.61	-0.20	0.12	0.30	0.04	0.04																		
RPneg_378.24142_9.999	RP	neg	9.999	378.2414			4		0.65676	0.85625	-0.13	0.25	0.11	-0.20	0.13	0.01	0.77278	0.96458	0.01	0.20	0.25	-0.31	-0.21	0.01	0.30	0.30																		
RPpos_378.2417_12.26	RP	pos	12.26	378.2417			4		0.17388	0.51922	-0.45	0.26	-0.23	-0.40	-0.10	-0.70	0.45651	0.88432	-0.19	-0.04	-0.13	0.03	0.08	-0.89	-0.41	-0.41																		
RPneg_378.24652_8.98	RP	neg	8.98	378.2465			4		0.92912	0.97471	0.00	0.09	0.22	0.10	-0.01	-0.06	0.49039	0.89836	0.21	0.28	0.39	0.20	-0.09	0.17	0.35	0.35																		
RPpos_378.2494_7.36	RP	pos	7.36	378.2494			4		0.28189	0.61590	-0.33	-0.08	0.79	-0.32	-0.42	0.34	0.11667	0.60164	-0.46	-0.26	0.04	-0.20	-0.21	-0.48	-0.55	-0.55																		
RPpos_378.2649_10.39	RP	pos	10.39	378.2649			4		0.80871	0.92661	0.11	0.37	0.41	-0.09	0.53	-0.07	0.38297	0.84854	-0.40	-0.07	0.04	-0.27	-0.23	-0.79	-0.08	-0.08																		
RPpos_378.2675_10.97	RP	pos	10.97	378.2675			4		0.46925	0.75666	0.11	1.37	0.05	0.45	0.11	0.46	0.08676	0.54471	-0.38	-0.41	-0.03	-0.12	-0.16	-0.40	-0.38	-0.38																		
RPneg_378.30096_10.72	RP	neg	10.72	378.3010			4		0.20928	0.55229	0.32	-0.02	0.73	0.31	0.55	-0.32	0.00000	0.00002	1.35	1.10	1.00	1.51	1.73	1.26	0.37	0.37																		
RPpos_378.3208_9.36	RP	pos	9.36	378.3208			4		0.00180	0.08578	-0.85	-0.19	-0.31	-0.43	-0.11	0.06	0.95330	0.99398	-0.08	-0.17	-0.26	0.12	0.37	0.32	-0.13	-0.13																		
RPpos_378.3575_11.06	RP	pos	11.06	378.3575			4		0.87221	0.95220	-0.05	-0.01	0.14	-0.48	0.72	0.41	0.50195	0.90271	0.28	0.10	-0.60	-0.39	1.30	0.56	-0.46	-0.46																		
RPneg_378.35821_11.444	RP	neg	11.444	378.3582			4		0.00820	0.17884	-0.78	0.02	-0.36	-0.02	-0.62	-0.14	0.81413	0.97171	0.11	-0.14	0.54	-0.07	0.42	-0.60	-0.55	-0.55																		
HILICneg_378.9442_1.06	HILIC	neg	1.06	378.9442			4		0.02848	0.28787	0.26	0.03	0.74	0.38	0.37	-0.06	0.25892	0.77346	0.30	0.11	0.56	0.04	0.26	0.16	-0.12	-0.12																		
HILICneg_378.9955_4.33	HILIC	neg	4.33	378.9955			4		0.56027	0.98599	-0.01	0.12	0.44	-0.11	0.05	-0.13	0.17720	0.69242	0.13	0.23	0.04	0.14	0.57	0.10	0.16	0.16																		
HILICneg_378.9961_7.36	HILIC	neg	7.36	378.9961			4		0.47287	0.75958	-0.24	-0.13	0.06	0.10	-0.01	0.30	0.52794	0.91027	0.07	0.41	0.47	0.03	0.27	-0.52	0.01	0.01																		
RPpos_379.0845_9.43	RP	pos	9.43	379.0845			4		0.04990	0.34619	-0.56	-0.08	-0.32	-0.02	0.11	0.11	0.60384	0.92892	0.13	0.16	0.75	-0.81	0.71	0.32	-0.73	-0.73																		
HILICneg_379.0887_1.05	HILIC	neg	1.05	379.0887			4		0.03691	0.31310	0.55	0.54	1.45	0.64	1.48	0.30	0.01204	0.23428	0.84	0.43	0.95	0.39	1.17	0.92	0.34	0.34																		
RPneg_379.12744_4.709	RP	neg	4.709	379.1274			4		0.69514	0.87498	-0.18	-0.33	0.01	-0.45	0.28	0.19	0.23347	0.75094	0.61	0.33	0.22	0.66	0.23	1.03	0.78	0.78																		
HILICneg_379.128_1.78	HILIC	neg	1.78	379.1280			4		0.74808	0.89957	-0.16	-0.33	0.08	-0.45	0.24	0.25	0.25025	0.76647	0.53	0.23	0.29	0.62	0.17	0.90	0.59	0.59																		
HILICpos_379.1356_1.84	HILIC	pos	1.84	379.1356			4		0.30581	0.63468	0.28	0.04	0.64	0.41	0.67	0.08	0.85472	0.97834	0.04	-0.01	0.09	0.01	0.15	-0.12	-0.10	-0.10																		
HILICpos_379.1495_0.46	HILIC	pos	0.46	379.1495			4		0.12641	0.46293	-0.32	-0.41	0.05	0.14	-0.56	0.12	0.16212	0.67221	-0.55	-0.14	-0.40	-0.54	-0.10	-0.09	-0.54	-0.54																		
RPneg_379.15717_10.916	RP	neg	10.916	379.1572			4		0.00085	0.05855	1.57	-0.11	0.63	1.22	2.81	-0.16	0.69341	0.95008	-0.13	-0.29	0.29	-0.30	-0.11	-0.20	-0.10	-0.10																		
RPneg_379.16083_5.361	RP	neg	5.361	379.1608			4		0.01651	0.23757	0.64	0.24	0.89	1.00	0.11	0.04	0.00214	0.09058	0.97	0.31	0.56	1.28	1.24	1.16	0.07	0.07																		
RPpos_379.1688_2.12	RP	pos	2.12	379.1688			4		0.72080	0.88621	-0.06	0.07	1.09	0.10	-0.19	-0.48	0.00171	0.07847	0.67	0.41	1.21	1.07	0.98	0.48	-0.14	-0.14																		
RPneg_379.17813_11.193	RP	neg	11.193	379.1781			4		0.00004	0.01117	3.17	-0.03	0.61	2.27	5.93	-0.12	0.81580	0.97203	0.05	-0.13	0.65	-0.10	-0.01	-0.12	-0.12	-0.12																		
HILICpos_379.1938_1.3	HILIC	pos	1.3	379.1938			4		0.21838	0.56043	-0.21	0.17	0.34	-0.11	-0.33	-0.46	0.77352	0.96458	0.07	0.16	0.71	-0.26	0.22	-0.14	-0.03	-0.03																		
RPpos_379.1938_3.69	RP	pos	3.69	379.1938			4		0.77245	0.60829	-0.26	0.19	0.32	-0.20	0.21	-0.43	0.77746	0.96543	0.06	0.22	0.72	-0.18	0.23	-0.16	-0.06	-0.06																		
RPpos_379.2006_11.18	RP	pos	11.18	379.2006			4		0.00686	0.16352	1.03	-0.02	0.52	1.09	2.14	-0.31	0.90747	0.98698	-0.06	-0.26	0.40	0.24	0.09	-0.13	-0.01	-0.01																		
RPpos_379.2153_10.02	RP	pos	10.02	379.2153			4		0.89984	0.96330	-0.04	0.33	-0.29	0.47	-0.19	-0.27	0.26186	0.77484	-0.31	0.03	-0.31	-0.13	-0.31	0.56	-0.30	-0.30																		
RPpos_379.244_12.26	RP	pos	12.26	379.2440			4		0.20275	0.54737	-0.37	0.54	-0.06	-0.63	0.37	-0.10	0.55682	0.91947	-0.15	-0.31	0.04	-0.10	0.03	-0.07	-0.55	-0.55																		
HILICpos_379.2489_0.63	HILIC	pos	0.63	379.2489			4		0.12468	0.46023	-0.37	-0.29	0.27	0.10	-0.28	0.39	0.04870	0.44087	-0.33	-0.23	-0.25	-0.36	-0.38	0.17	-0.05	-0.05																		
RPpos_379.2493_5.84	RP	pos	5.84	379.2493			4		0.25267	0.59120	-0.31	0.06	0.67	-0.60	-0.28	0.30	0.02766	0.34840	-0.32	-0.30	-0.08	-0.39	-0.09	-0.09	-0.50	-0.50																		
RPpos_379.282_10.89	RP	pos	10.89	379.2820			4		0.04457	0.33416	0.62	0.10	0.47	1.29	1.60	-0.27	0.17070	0.68293	0.37	0.66	0.40	0.31	0.21	0.71	0.03	0.03																		
RPpos_379.7294_6.88	RP	pos	6.88	379.7294			4		0.91183	0.96756	0.01	0.29	0.32	0.21	0.01	1.16	0.66796	0.94452	-0.17	-0.09	0.01	0.18	0.05	0.76	-0.58	-0.58																		
RPpos_379.7296_7.25	RP	pos	7.25	379.7296			4		0.65890	0.85724	-0.12	-0.27	0.48	-0.01	-0.26	0.38	0.82157	0.97315	0.01	0.05	0.19	0.29	-0.09	-0.59	-0.16	-0.16																		
RPneg_380.02011_7.722	RP	neg	7.722	380.0201			4		0.54332	0.79987	-0.08	-0.06	0.05	-0.11	0.01	-0.28	0.81929	0.97244	0.03	-0.01	0.04	0.16	-0.10	0.06	0.04	0.04																		
HILICpos_380.0616_0.86	HILIC	pos	0.86	380.0616			4		0.36095	0.67918	0.23	0.29	1.01	0.41	-0.06	-0.05	0.02667	0.34401	1.26	-0.04	0.50	0.56	1.65	0.57	0.42	0.42																		
HILICneg_380.0822_1.37	HILIC	neg	1.37	380.0822			4		0.58993	0.82399	-0.20	0.02	-0.06	-0.15	-0.39	-0.25	0.01650	0.27538	-0.39	-0.30	-0.17	-0.52	-0.41	-0.43	-0.63	-0.63																		
RPneg_380.09732_7.213	RP	neg	7.213	380.0973			4		0.58234	0.81952	-0.21	-0.16	-0.16	-0.17	-0.14	-0.23	0.07551	0.52069	1.83	1.32	2.06	1.56	1.61	2.04	1.64	1.64																		
HILICpos_380.1151_0.44	HILIC	pos	0.44	380.1151			4		0.48460	0.78726	-0.15	-0.10	-0.08	0.03	-0.17	-0.26	0.09210	0.55862	2.48	1.49	2.14	1.95	1.76	1.82	2.22	2.22																		
HILICneg_380.1183_4.21	HILIC	neg	4.21	380.1183			4		0.05069	0.34713	-0.27	0.13	0.46	-0																														

Feature_ID	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)										
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0	Baseline		IV-Ghrelin or Placebo		BrAC=0	Baseline		Post-LD		IV-Ghrelin or Placebo		IV-AC		Post-AC		BrAC=0
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d
HILICpos_382.2057_0.43	HILIC	pos	0.43	382.2057			4		0.77029	0.90981	-0.03	0.02	0.66	0.13	0.33	0.01	0.27016	0.78219	0.18	0.80	0.22	0.06	0.76	-0.22	-0.66				
RPpos_382.2387_6.97	RP	pos	6.97	382.2387			4		0.67892	0.86667	0.06	0.49	0.42	0.41	0.00	0.68	0.71425	0.95354	-0.16	-0.27	-0.07	-0.01	0.49	-0.62	-0.33				
RPpos_382.2481_12.15	RP	pos	12.15	382.2481			4		0.13239	0.47007	-0.27	0.06	-0.09	-0.55	0.16	-0.28	0.00672	0.17372	-0.47	-0.45	-0.76	-0.41	-0.33	-0.29	-0.58				
HILICpos_382.2794_0.41	HILIC	pos	0.41	382.2794			4		0.55406	0.80603	-0.15	0.33	0.50	0.00	0.07	-0.16	0.96611	0.99562	-0.08	-0.03	0.15	-0.16	-0.05	-0.30	0.44				
RPpos_382.2957_8.21	RP	pos	8.21	382.2957			4		0.07867	0.40139	0.21	0.25	0.71	0.26	0.13	0.13	0.78708	0.96713	0.07	0.04	0.03	-0.06	-0.10	-0.09	-0.18				
RPneg_382.2958_10.362	RP	neg	10.362	382.2958			4		0.50550	0.77942	0.11	0.11	0.26	0.32	0.39	-0.10	0.00082	0.2444	0.00	0.75	-0.78	0.06	0.82	1.13	0.83				
HILICpos_382.9706_7.15	HILIC	pos	7.15	382.9706			4		0.31815	0.64524	-0.15	-0.08	0.22	0.20	-0.13	-0.41	0.42777	0.87241	-0.06	-0.26	-0.25	0.33	0.40	-0.65	-0.32				
HILICneg_382.9875_0.49	HILIC	neg	0.49	382.9875			4		0.59781	0.82772	-0.12	0.00	0.01	-0.08	-0.12	0.14	0.83189	0.97501	-0.04	-0.02	0.00	0.07	-0.08	-0.08	0.19				
RPneg_383.02426_5.64	RP	neg	5.64	383.0243			4		0.02124	0.26263	0.21	-0.15	0.35	0.40	0.28	-0.23	0.55363	0.91827	0.22	0.01	-0.03	0.07	0.41	0.54	0.37				
RPpos_383.0423_5.63	RP	pos	5.63	383.0423			4		0.09247	0.42156	0.14	-0.20	0.43	0.19	0.23	-0.27	0.70964	0.95278	0.14	-0.14	-0.02	0.02	0.27	0.52	0.08				
RPneg_383.04483_5.976	RP	neg	5.976	383.0448			4		0.55650	0.80760	0.15	-0.07	0.39	0.35	0.12	-0.18	0.06419	0.49157	0.99	0.16	0.84	1.31	1.29	2.39	-0.12				
HILICneg_383.0699_1.74	HILIC	neg	1.74	383.0699			4		0.20766	0.55090	-0.36	-0.32	-0.11	-0.41	-0.15	0.66	0.00012	0.01344	-0.70	-0.63	-0.57	-0.42	-0.69	-0.46	-1.41				
HILICneg_383.071_2.07	HILIC	neg	2.07	383.0710			4		0.19044	0.53616	-0.10	-0.01	0.09	0.06	-0.04	-0.27	0.41789	0.86668	0.23	0.41	0.52	-0.17	0.55	0.44	-0.02				
RPneg_383.07202_2.814	RP	neg	2.814	383.0720			4		0.64358	0.84910	0.10	0.31	0.47	0.28	0.01	-0.30	0.05235	0.45459	0.59	0.49	0.58	0.63	0.90	0.39	0.17				
HILICneg_383.1227_5.18	HILIC	neg	5.18	383.1227			4		0.13578	0.47549	0.41	0.27	1.33	0.54	0.17	-0.61	0.06716	0.49979	0.68	0.17	0.89	1.24	0.61	0.44	-0.37				
RPpos_383.141_10.07	RP	pos	10.07	383.1410			4		0.32834	0.65304	-0.34	-0.23	0.44	0.47	0.44	0.73	0.81152	0.97164	0.11	16.42	-0.29	-0.36	-0.46	0.20	1.01				
HILICneg_383.144_1.35	HILIC	neg	1.35	383.1440			4		0.72539	0.88831	-0.04	-0.10	0.12	-0.01	0.13	-0.19	0.00020	0.02026	0.92	0.75	0.83	0.74	1.07	0.93	0.93				
HILICpos_383.1474_5.92	HILIC	pos	5.92	383.1474			4		0.63436	0.84494	-0.11	0.21	0.52	0.24	-0.20	-0.32	0.05612	0.46774	0.41	0.74	0.61	0.63	0.29	-0.12	-0.05				
HILICneg_383.1529_0.62	HILIC	neg	0.62	383.1529			4		0.00449	0.33339	0.01	-0.14	0.09	0.06	-0.05	-0.03	0.34468	0.82809	0.06	0.04	0.05	0.00	0.09	0.09	0.17				
RPneg_383.15372_6.356	RP	neg	6.356	383.1537			4		0.40500	0.71200	0.02	-0.03	0.04	0.02	0.25	-0.03	0.28898	0.79431	0.06	0.07	0.10	0.02	0.08	0.05	0.05				
RPneg_383.15393_7.254	RP	neg	7.254	383.1539			4		0.46728	0.75554	0.05	0.12	0.16	0.07	0.39	-0.09	0.19429	0.70874	0.25	0.24	0.25	0.30	0.25	0.27	0.16				
RPneg_383.15405_6.543	RP	neg	6.543	383.1541			4		0.08270	0.40785	0.33	0.19	0.44	0.36	0.78	0.10	0.39033	0.85135	0.17	0.03	0.08	0.15	0.32	0.25	0.01				
RPneg_383.15408_7	RP	neg	7	383.1541			4		0.98856	0.99589	0.13	0.08	0.19	0.11	0.46	-0.02	0.46104	0.88555	0.19	0.02	0.24	0.23	0.23	0.09	0.22				
RPneg_383.15417_6.205	RP	neg	6.205	383.1542			4		0.01173	0.20801	0.72	0.58	1.02	0.69	0.77	0.64	0.27213	0.78288	-0.30	-0.32	-0.33	-0.39	-0.21	-0.15	-0.42				
RPneg_383.15433_5.713	RP	neg	5.713	383.1543			4		0.64459	0.84966	0.17	0.06	0.32	0.38	0.40	0.20	0.74606	0.96075	-0.05	-0.06	-0.02	-0.11	0.02	0.01	-0.08				
RPpos_383.167_10.83	RP	pos	10.83	383.1670			4		0.10751	0.44121	0.43	0.01	0.06	0.20	1.28	0.21	0.76174	0.96272	0.07	-0.05	0.23	-0.09	0.17	0.24	-0.12				
RPneg_383.17172_5.542	RP	neg	5.542	383.1717			4		0.00014	0.02271	0.51	0.19	0.71	1.16	0.23	-0.68	0.25723	0.77268	0.52	-0.06	0.31	0.71	0.79	0.50	0.25				
RPneg_383.17401_10.759	RP	neg	10.759	383.1740			4		0.00915	0.18757	0.98	-0.07	0.13	0.80	2.26	-0.22	0.97738	0.99726	-0.02	-0.12	0.54	-0.21	-0.25	-0.45	-0.09				
RPneg_383.1886_13.188	RP	neg	13.188	383.1886			4		0.11908	0.45534	-0.41	0.02	-0.61	-0.14	0.17	-0.59	0.50120	0.90228	-0.07	0.42	-0.20	-0.19	-0.19	-0.02	0.24				
RPneg_383.18996_11.57	RP	neg	11.57	383.1890			4		0.63116	0.84379	-0.11	0.55	0.01	-0.37	-0.01	0.25	0.35009	0.83998	-0.20	-0.12	0.23	-0.78	0.04	-0.02	-0.26				
RPneg_383.18915_7.642	RP	neg	7.642	383.1892			4		0.95239	0.98259	-0.06	0.11	-0.08	0.00	-0.03	-0.05	0.56108	0.91988	0.04	0.00	0.06	0.08	0.05	0.04	-0.04				
RPneg_383.19168_4.249	RP	neg	4.249	383.1917			4		0.32605	0.69683	0.22	0.08	0.64	0.33	0.54	0.25	0.81966	0.97250	-0.10	-0.19	-0.04	-0.11	0.09	-0.29	-0.28				
RPneg_383.1918_4.604	RP	neg	4.604	383.1918			4		0.02475	0.35900	-0.42	-0.29	0.31	-0.35	-0.57	-0.11	0.54432	0.91524	0.46	0.02	0.15	-0.67	0.88	0.20	0.03				
RPneg_383.19189_4.08	RP	neg	4.08	383.1919			4		0.66053	0.85781	0.14	0.01	0.27	0.44	0.24	0.33	0.76306	0.96312	0.10	0.28	-0.11	0.09	0.53	-0.06	-0.30				
HILICneg_383.1925_1.88	HILIC	neg	1.88	383.1925			4		0.28792	0.62150	0.28	0.15	0.64	0.08	0.56	0.22	0.93916	0.99076	-0.05	-0.03	0.06	-0.08	0.16	-0.29	-0.27				
HILICneg_383.1932_6.98	HILIC	neg	6.98	383.1932			4		0.99866	0.99943	-0.04	0.11	0.39	0.09	-0.05	-0.57	0.06165	0.48417	0.20	0.27	0.35	0.50	0.10	-0.15	-0.24				
HILICpos_383.2254_5.12	HILIC	pos	5.12	383.2254			4		0.71927	0.88562	-0.16	0.44	0.41	0.20	0.17	0.26	0.00162	0.07662	-0.33	-0.10	-0.39	-0.40	-0.28	-0.07	-0.25				
RPneg_383.22897_11.245	RP	neg	11.245	383.2290			4		0.32660	0.65177	-0.32	0.08	-0.09	0.61	-0.34	-0.17	0.46208	0.88615	-0.08	-0.07	-0.19	0.01	-0.14	-0.07	0.61				
RPneg_383.22934_11.313	RP	neg	11.313	383.2293			4		0.35405	0.67344	-0.29	-0.07	-0.07	0.35	-0.23	0.72	0.56715	0.92089	0.15	0.06	-0.12	0.37	0.19	0.16	0.39				
RPpos_383.2433_10.83	RP	pos	10.83	383.2433			4		0.11369	0.44936	0.41	-0.06	0.09	0.06	1.57	0.16	0.92302	0.98898	0.01	-0.06	0.03	-0.18	0.39	0.16	-0.01				
RPpos_383.2638_11.17	RP	pos	11.17	383.2638			4		0.00078	0.05619	1.33	-0.05	0.63	1.51	2.26	-0.18	0.82389	0.97343	-0.09	-0.27	0.26	-0.30	-0.14	0.05	-0.03				
RPneg_383.28067_13.185	RP	neg	13.185	383.2807			4		0.28901	0.62228	-0.21	0.58	0.01	-0.35	0.13	-0.47	0.96101	0.99553	0.01	0.64	-0.10	0.18	-0.08	-0.14	-0.16				
RPpos_383.2829_12.02	RP	pos	12.02	383.2829			4		0.15943	0.50297	-0.27	-0.10	-0.05	0.00	0.02	0.11	0.80202	0.96981	-0.06	-0.38	-0.33	-0.09	0.18	0.05	0.62				
HILICneg_383.2902_0.69	HILIC	neg	0.69	383.2902			4		0.97679	0.99092	0.06	-0.01	0.23	0.00	0.29	-0.08	0.74791	0.96109	-0.14	-0.24	-0.30	-0.06	-0.15	0.13	-0.13				
RPneg_383.29126_10.341	RP	neg	10.341	383.2913			4		0.80826	0.92638	0.04	0.24	0.19	0.06	0.30	0.20	0.98902	0.99810	-0.07	-0.11	-0.01	-0.40	0.01	-0.01	0.19				
RPneg_383.29623_11.492	RP	neg	11.492	383.2962			4		0.05296	0.35197	0.27	0.56	0.31	-0.07	0.83	-0.04	0.78718	0.96713	-0.04	-0.01	0.19	-0.09	0.02	-0.12	-0.14				
RPpos_383.3302_12.8	RP	pos	12.8	383.3302			4		0.29995	0.62947	-0.01	0.44	0.06	0.26	0.00	-0.14	0.57466	0.92285	-0.11	0.00	0.01	-0.33	0.02	-0.34	0.10				
RPpos_383.331_10.03	RP	pos	10.03	383.3310			4		0.02948	0.29125	-0.47	-0.01	-0.60	-0.52	-0.02	-0.27	0.01863	0.29018	-0.82	-0.83	-0.50	-0.67	-0.59	-1.01	0.02				
RPpos_383.3988_11.58	RP	pos	11.58	383.3988																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																								
								Area Under the Curve (AUC)						Baseline			IV-Ghrelin or Placebo				BrAc=0			Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo				IV-AC			Post-AC			BrAc=0		
								p	q	d	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
RPneg_385.16925_6.748	RP	neg	6.748	385.16925				0.21535	0.55799	0.19	0.01	0.46	0.24	0.34	0.03	0.87451	0.98203	-0.01	-0.09	-0.04	0.00	0.06	0.05	0.05	-0.08																				
RPneg_385.16925_7.717	RP	neg	7.717	385.1693				0.14064	0.48056	-0.01	0.07	0.14	0.00	0.12	-0.13	0.31340	0.81132	0.15	0.07	0.22	0.10	0.19	0.16	0.16	0.14																				
HILICneg_385.1693_0.63	HILIC	neg	0.63	385.1693				0.28755	0.62115	0.12	0.00	0.34	0.08	0.24	-0.04	0.81790	0.97238	0.08	0.03	0.06	0.16	0.12	0.00	0.11																					
RPneg_385.16949_5.593	RP	neg	5.593	385.1695				0.92630	0.97354	-0.02	-0.07	0.01	-0.09	0.09	0.15	0.09347	0.56090	0.13	0.17	0.14	0.09	0.17	0.08	0.12																					
HILICneg_385.1696_0.76	HILIC	neg	0.76	385.1696				0.03930	0.3765	-0.18	0.26	-0.20	-0.08	0.11	0.04	0.36345	0.83744	-0.14	0.14	0.22	0.13	0.04	0.15	0.24																					
RPneg_385.1696_5.916	RP	neg	5.916	385.1696				0.42424	0.72599	0.13	0.38	0.13	0.18	0.56	0.46066	0.85253	-0.13	0.36	0.16	0.16	0.09	0.07	0.07																						
HILICpos_385.183_1.33	HILIC	pos	1.33	385.1830				0.09384	0.42301	-0.52	0.24	-0.34	-0.16	-0.28	-0.69	0.60968	0.93019	0.26	0.54	0.06	0.04	0.15	0.22	0.11																					
HILICneg_385.1897_6.98	HILIC	neg	6.98	385.1897				0.88792	0.95899	-0.07	0.12	0.42	0.12	-0.14	-0.57	0.04227	0.41586	0.20	0.17	0.16	0.56	0.28	-0.17	-0.17																					
RPpos_385.198_6.9	RP	pos	6.9	385.1980	fragment of cortisol	no autoMSMS		7.15E-08	0.00027	2.53	0.07	2.80	2.17	4.14	-0.44	0.00000	0.00000	2.82	-0.03	2.50	3.15	2.91	2.94	-0.29																					
RPpos_385.1991_9.63	RP	pos	9.63	385.1991				0.71640	0.88458	0.15	0.30	0.63	-0.10	0.88	-0.07	0.22643	0.74342	-0.69	-0.20	-0.20	-0.50	-0.31	-1.07	0.49																					
RPneg_385.20578_8.504	RP	neg	8.504	385.2058				0.82837	0.93503	-0.06	-0.03	-0.12	0.13	0.11	0.41	0.09708	0.56762	2.55	2.39	1.98	2.90	2.42	2.52	2.26																					
RPpos_385.2067_4.26	RP	pos	4.26	385.2067				0.22542	0.56723	0.35	0.22	0.70	0.26	0.80	0.59	0.84757	0.97724	-0.08	-0.06	0.04	-0.21	0.01	-0.13	-0.29																					
RPneg_385.23911_8.385	RP	neg	8.385	385.2391				0.06561	0.37687	-0.25	-0.24	-0.20	-0.17	-0.17	-0.18	0.94506	0.99216	-0.06	-0.06	0.01	-0.03	-0.07	-0.07	-0.08																					
HILICpos_385.2572_0.37	HILIC	pos	0.37	385.2572				0.94634	0.98034	0.08	0.39	0.57	0.04	0.42	-0.29	0.78900	0.96713	-0.23	-0.10	0.31	-0.20	0.19	-0.17	-0.85																					
RPpos_385.2589_10.3	RP	pos	10.3	385.2589				0.31716	0.64451	0.32	0.44	0.57	0.26	0.64	-0.10	0.84724	0.97724	-0.20	-0.16	0.25	-0.11	-0.09	-0.09	-0.91																					
RPpos_385.2628_11.18	RP	pos	11.18	385.2628				0.00565	0.14723	1.15	-0.07	0.55	1.26	3.25	-0.54	0.88269	0.98281	0.02	-0.10	0.27	-0.20	0.06	0.00	0.06																					
RPneg_385.31161_11.751	RP	neg	11.751	385.3116				0.26223	0.59983	0.10	0.58	0.03	-0.06	0.68	-0.59	0.17397	0.68773	0.59	0.66	0.76	0.40	0.74	0.44	-0.14																					
RPpos_385.4148_12	RP	pos	12	385.4148				0.93426	0.97639	0.02	0.14	0.19	0.15	0.07	-0.64	0.73597	0.94595	0.00	1.03	-0.22	0.17	-0.53	0.04	0.15																					
RPpos_385.7546_12.89	RP	pos	12.89	385.7546				0.50537	0.77940	0.08	0.26	-0.08	-0.12	0.15	0.10	0.71080	0.95282	0.08	0.25	-0.07	0.43	0.03	-0.04	-0.03																					
HILICpos_385.9014_7.9	HILIC	pos	7.9	385.9014				0.22342	0.56486	-0.38	0.12	-0.66	0.39	0.20	0.28	0.94179	0.99159	-0.01	0.08	0.09	0.47	0.73	0.36	0.37																					
RPneg_385.99683_2.112	RP	neg	2.112	385.9968				0.32501	0.65078	-0.30	0.27	0.71	0.04	-0.44	-0.79	0.00011	0.01291	1.11	0.70	2.46	2.73	1.30	0.47	-0.01																					
RPneg_386.10413_10.046	RP	neg	10.046	386.1041				0.75359	0.90229	0.09	-0.10	0.33	0.38	1.07	-0.30	0.12937	0.62281	0.25	0.32	0.34	-0.06	0.93	0.55	0.28																					
HILICpos_386.1075_6.94	HILIC	pos	6.94	386.1075				0.94182	0.97871	-0.02	0.59	0.04	0.17	0.25	-0.18	0.19286	0.70820	0.26	0.02	0.13	0.64	0.25	-0.09	0.18																					
RPneg_386.14096_10.879	RP	neg	10.879	386.1410				0.94783	0.98073	-0.02	-0.10	-0.21	0.82	0.35	0.24	0.24805	0.76454	-0.04	-0.15	-0.01	-0.17	-0.31	0.16	0.39																					
HILICpos_386.179_2.43	HILIC	pos	2.43	386.1790				0.80426	0.92469	0.02	0.06	0.64	0.08	0.17	-0.19	0.05303	0.45640	0.56	0.45	0.58	0.91	0.97	-0.09	-0.24																					
HILICpos_386.22_0.8	HILIC	pos	0.8	386.2200				0.33721	0.66020	0.31	0.04	0.60	0.46	0.65	0.38	0.74191	0.95997	-0.13	-0.18	-0.04	-0.22	-0.01	-0.30	-0.20																					
RPpos_386.2383_5.83	RP	pos	5.83	386.2383				0.83831	0.93922	-0.02	-0.24	0.42	-0.02	0.38	0.85	0.50156	0.90262	-0.20	-0.20	-0.19	-0.17	0.05	-0.35	-0.35																					
HILICpos_386.2383_1.84	HILIC	pos	1.84	386.2383				0.62070	0.83898	0.12	-0.07	0.60	0.13	0.46	0.21	0.94804	0.99302	-0.02	-0.01	0.13	-0.09	0.18	-0.33	-0.33																					
RPneg_386.2543_7.857	RP	neg	7.857	386.2543				0.36988	0.68609	0.33	0.10	0.31	0.44	0.76	0.01	0.23625	0.75426	0.33	0.82	0.49	0.36	-0.04	0.15	-0.08																					
RPneg_386.25516_7.731	RP	neg	7.731	386.2552				0.24201	0.58268	0.59	0.24	0.33	0.47	1.27	0.08	0.51854	0.90847	0.40	0.33	0.26	0.51	0.48	0.03	-0.08																					
RPpos_386.2565_6.49	RP	pos	6.49	386.2565				0.69253	0.87374	-0.17	-0.35	0.47	0.46	-0.53	0.39	0.38195	0.84832	-0.32	-0.23	-0.28	-0.24	0.08	-0.35	-0.37																					
HILICpos_386.2743_0.49	HILIC	pos	0.49	386.2743				0.30432	0.63364	-0.27	-0.08	0.40	0.06	-0.18	-0.29	0.81658	0.97221	-0.12	-0.40	-0.07	0.43	-0.03	-0.37	-0.45																					
RPpos_386.2749_6.14	RP	pos	6.14	386.2749				0.45224	0.74541	-0.38	-0.33	0.63	-0.02	-0.15	0.30	0.43558	0.87638	-0.31	-0.13	-0.02	-0.31	-0.24	-0.84	-0.84																					
RPpos_386.2899_8.01	RP	pos	8.01	386.2899				0.17525	0.52072	0.51	0.18	0.82	0.39	0.87	0.35	0.17122	0.68410	0.43	0.34	0.33	0.79	0.37	0.16	0.12																					
HILICpos_386.2904_0.89	HILIC	pos	0.89	386.2904				0.24561	0.58617	0.41	0.22	0.57	0.31	1.27	-0.16	0.11423	0.59832	0.59	0.42	0.81	0.59	0.30	0.62	-0.09																					
RPpos_386.2907_7.94	RP	pos	7.94	386.2907				0.71389	0.88347	0.08	0.01	0.34	0.31	0.40	-0.19	0.00590	0.16216	0.81	0.76	0.78	0.62	0.91	0.76	-0.01																					
RPpos_386.3047_10.84	RP	pos	10.84	386.3047				0.27760	0.61209	0.17	0.18	-0.15	-0.12	1.76	0.49	0.23999	0.75656	0.68	1.49	-0.11	1.76	0.95	0.48	-0.02																					
HILICpos_386.3254_0.38	HILIC	pos	0.38	386.3254				0.50576	0.77956	-0.29	-0.07	-0.16	-0.04	0.03	-0.55	0.52398	0.																												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)																									
									Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo					BraC=0			Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo					BraC=0								
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
									0.24556	0.58617	0.30	0.05	0.40	0.94	0.58	0.09	0.44492	0.88012	0.17	-0.37	-0.13	0.19	0.59	0.42	-0.01	0.34859	0.83042	1.00	0.92	0.96	1.10	0.98	0.95	1.10	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15		
RPneg_389.09067_5.706	RP	neg	5.706	389.0907			4		0.30318	0.63234	0.01	0.01	0.06	-0.01	-0.01	0.08	0.44492	0.88012	1.00	0.92	0.96	1.10	0.98	0.95	1.10	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15											
RPneg_389.19714_9.752	RP	neg	9.752	389.1971			4		0.00961	0.19097	0.88	0.08	0.43	1.03	2.02	-0.24	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15											
RPpos_389.2152_6.26	RP	pos	6.26	389.2152			4		0.73593	0.89350	-0.10	-0.27	0.41	-0.10	-0.12	0.32	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15											
RPpos_389.2368_7.49	RP	pos	7.49	389.2368			4		0.47895	0.75152	-0.13	0.03	0.06	-0.54	-0.69	0.69	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15	0.95058	0.99346	-0.03	-0.27	0.33	-2.09	-0.13	0.08	0.15											
RPneg_389.2454_10.626	RP	neg	10.626	389.2454			4		0.71203	0.88540	0.12	-0.38	0.40	0.80	0.16	0.31	0.20941	0.74591	0.33	0.16	0.07	0.23	0.33	0.12	0.36	0.11	0.27998	0.98884	-0.06	-0.01	0.12	0.07	0.11	0.65	-0.38										
RPpos_389.2537_9.55	RP	pos	9.55	389.2537			4		0.21413	0.55659	0.46	0.96	0.58	0.16	0.70	0.19	0.47015	0.89029	-0.40	-0.36	-0.07	-0.24	-0.24	-0.57	0.68	0.10802	0.58703	-0.85	-0.51	-0.19	-0.28	-0.22	-0.96	0.11											
RPpos_389.254_9.76	RP	pos	9.76	389.2540			4		0.23962	0.58092	0.39	0.89	0.71	0.18	0.88	-0.15	0.10802	0.58703	-0.85	-0.51	-0.19	-0.28	-0.24	-0.57	0.68	0.10802	0.58703	-0.85	-0.51	-0.19	-0.28	-0.22	-0.96	0.11											
RPpos_389.2684_8.94	RP	pos	8.94	389.2684			4		0.00693	0.16431	-0.65	-0.35	-0.28	-0.26	-0.42	-0.14	0.02608	0.34098	-0.42	-0.40	-0.11	-0.48	-0.51	-0.61	-0.33	0.00528	0.15286	0.25	0.02	0.55	0.30	0.04	0.38	0.26											
RPneg_389.26898_9.778	RP	neg	9.778	389.2690			4		0.00532	0.14386	0.91	1.02	1.05	0.86	1.34	0.78	0.00528	0.15286	0.25	0.02	0.55	0.30	0.04	0.38	0.26	0.16828	0.67938	-0.34	-0.44	-0.37	-0.37	-0.28	-0.35	-0.33											
RPneg_389.26962_8.501	RP	neg	8.501	389.2696			4		0.13267	0.47067	0.32	0.04	0.42	0.32	0.77	0.01	0.16828	0.67938	-0.34	-0.44	-0.37	-0.37	-0.28	-0.35	-0.33	0.91775	0.98823	-0.03	-0.15	0.04	0.06	0.01	0.02	0.01											
RPneg_389.26974_10.409	RP	neg	10.409	389.2697			4		0.00302	0.11326	0.89	0.37	1.42	0.82	1.01	1.04	0.16828	0.67938	-0.34	-0.44	-0.37	-0.37	-0.28	-0.35	-0.33	0.77057	0.96458	0.10	-0.17	0.15	0.11	0.09	0.24	0.15											
RPneg_389.27008_9.549	RP	neg	9.549	389.2701			4		0.17526	0.52072	-0.30	-0.39	0.10	0.34	0.00	0.43	0.48828	0.89812	-0.15	-0.28	-0.18	-0.78	0.02	0.19	0.51	0.00055	0.03928	-0.57	-0.49	-0.57	-0.73	-0.49	-0.43	-0.35											
RPpos_389.311_11.52	RP	pos	11.52	389.3110			4		0.36437	0.68205	0.29	0.61	0.80	0.32	0.17	-0.44	0.06701	0.49920	0.86	1.08	0.68	0.75	1.00	0.54	0.27	0.15980	0.50328	-0.17	0.17	0.50	-0.14	-0.45	-0.69	0.69685	0.95093	0.04	-0.06	0.07	0.22	0.20	-0.12	-0.24			
HILICneg_389.6694_1.45	HILIC	neg	1.45	389.6694			4		0.57405	0.81586	-0.15	0.07	-0.04	-0.10	0.05	0.49	0.00055	0.03928	-0.57	-0.49	-0.57	-0.73	-0.49	-0.43	-0.35	0.66701	0.49920	0.86	1.08	0.68	0.75	1.00	0.54	0.27	0.15980	0.50328	-0.17	0.17	0.50	-0.14	-0.45	-0.69			
HILICpos_390.0122_5.8	HILIC	pos	5.8	390.0122			4		0.15980	0.50328	-0.17	0.17	0.50	-0.14	-0.45	-0.69	0.69685	0.95093	0.04	-0.06	0.07	0.22	0.20	-0.12	-0.24	0.66701	0.49920	0.86	1.08	0.68	0.75	1.00	0.54	0.27	0.15980	0.50328	-0.17	0.17	0.50	-0.14	-0.45	-0.69			
RPneg_390.01584_2.811	RP	neg	2.811	390.0158			4		0.50634	0.78001	-0.16	0.09	0.72	-0.02	-0.57	-0.42	0.69707	0.95101	-0.17	-0.33	-0.03	0.01	-0.06	-0.33	-0.43	0.16619	0.51153	0.27	0.13	0.49	0.53	0.22	0.76	0.35839	0.83442	0.07	-0.04	0.16	0.23	0.53	0.10				
HILICneg_390.0435_0.66	HILIC	neg	0.66	390.0435			4		0.16619	0.51153	0.27	0.13	0.49	0.53	0.22	0.76	0.35839	0.83442	0.07	-0.04	0.16	0.23	0.53	0.10	-0.35	0.31173	0.63983	0.65	0.80	0.98	0.51	0.88	0.98	0.44734	0.88074	-0.19	-0.14	-0.20	0.12	-0.21	-0.18	-0.36			
RPneg_390.05856_3.177	RP	neg	3.177	390.0586			4		0.30589	0.63469	1.32	1.09	1.32	1.51	1.16	2.92	0.27298	0.78352	-0.22	-0.25	-0.21	-0.22	-0.20	-0.21	-0.24	0.85113	0.92958	0.28	0.56	0.37	0.21	0.41	-0.39	0.21568	0.73202	0.51	0.73	0.58	0.70	0.11	0.46	-0.19			
HILICneg_390.1136_0.55	HILIC	neg	0.55	390.1136			4		0.85113	0.92958	0.28	0.56	0.37	0.21	0.41	-0.39	0.21568	0.73202	0.51	0.73	0.58	0.70	0.11	0.46	-0.19	0.52709	0.79176	-0.10	0.06	0.20	0.19	0.24	-0.02	0.95516	0.99429	0.02	-0.25	-0.56	-0.21	0.15	0.16	0.74			
RPneg_390.14502_11.316	RP	neg	11.316	390.1450			4		0.12089	0.45664	0.49	0.27	0.32	0.01	1.66	0.34	0.98451	0.99776	-0.09	-0.55	0.55	-0.27	-0.32	0.00	0.23	0.55630	0.80752	-0.22	-0.38	-0.15	0.23	-0.15	1.20	0.26219	0.77484	-0.22	-0.50	-0.10	0.65	-0.53	-0.29	-0.39			
RPpos_390.1844_10.86	RP	pos	10.86	390.1844			4		0.55630	0.80752	-0.22	-0.38	-0.15	0.23	-0.15	1.20	0.26219	0.77484	-0.22	-0.50	-0.10	0.65	-0.53	-0.29	-0.39	0.80507	0.92503	0.02	0.17	-0.11	1.06	-0.05	-0.29	0.39835	0.85716	-0.17	-0.33	-0.08	0.26	-0.21	0.00	-0.31			
HILICpos_390.2132_0.38	HILIC	pos	0.38	390.2132			4		0.43214	0.73143	-0.27	-0.11	0.57	-0.02	0.54	0.37	0.91853	0.98860	-0.15	-0.50	-0.10	0.06	-0.25	-0.32	-0.42	0.8507	0.92503	0.02	0.17	-0.11	1.06	-0.05	-0.29	0.39835	0.85716	-0.17	-0.33	-0.08	0.26	-0.21	0.00	-0.31			
RPpos_390.2138_10.64	RP	pos	10.64	390.2138			4		0.43214	0.73143	-0.27	-0.11	0.57	-0.02	0.54	0.37	0.91853	0.98860	-0.15	-0.50	-0.10	0.06	-0.25	-0.32	-0.42	0.8507	0.92503	0.02	0.17	-0.11	1.06	-0.05	-0.29	0.39835	0.85716	-0.17	-0.33	-0.08	0.26	-0.21	0.00	-0.31			
RPpos_390.2232_6.71	RP	pos	6.71	390.2232			4		0.53198	0.79445	-0.13	-0.10	-0.21	-0.13	0.14	0.03	0.36009	0.83504	-0.15	-0.13	-0.12	-0.15	0.06	-0.28	-0.27	0.25089	0.59002	-0.47	-0.26	0.05	0.32	-0.76	-0.10	0.41035	0.86336	-0.44	0.32	-0.28	-0.43	-0.56	0.34	-0.68			
RPneg_390.23904_5.805	RP	neg	5.805	390.2390			4		0.25089	0.59002	-0.47	-0.26	0.05	0.32	-0.76	-0.10	0.41035	0.86336	-0.44	0.32	-0.28	-0.43	-0.56	0.34	-0.68	0.93907	0.97781	-0.12	0.19	0.43	0.33	-0.26	0.02	0.97663	0.99715	-0.01	0.30	-0.01	-0.31	-0.03	0.04	-0.01			
HILICpos_390.2481_3.7	HILIC	pos	3.7	390.2481			4		0.93907	0.97781	-0.12	0.19	0.43	0.33	-0.26	0.02	0.97663	0.99715	-0.01	0.30	-0.01	-0.31	-0.03	0.04	-0.01	0.71155	0.88230	0.16	0.56	0.63	0.05	0.35	0.03	0.40427	0.85955	-0.47	-0.28	0.23	-0.61	-0.12	-0.66	0.29			
HILICpos_390.2842_0.37	HILIC	pos	0.37	390.2842			4		0.71155	0.88230	0.16	0.56	0.63	0.05	0.35	0.03	0.40427	0.85955	-0.47	-0.28	0.23	-0.61	-0.12	-0.66	0.29	0.54027	0.79830	0.22	0.58	0.64	0.08	0.45	-0.03	0.29946	0.80175	-0.50	-0.30	0.13	-0.52	-0.18	-0.79	0.09			
RPpos_390.2849_10.16	RP	pos	10.16	390.2849			4		0.54027	0.79830	0.22	0.58	0.64	0.08	0.45	-0																													

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																					
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0						
									Baseline			IV-Ghrelin		Placebo		Baseline			IV-Ghrelin		Placebo		Baseline			Post-LD		IV-Ghrelin		Placebo		Baseline			IV-Ghrelin		Placebo		BrAC=0	
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
RPpos_392.7495_7.4	RP	pos	7.4	392.7495			4		0.6612	0.85799	-0.12	-0.24	0.60	-0.01	-0.32	0.60	0.95687	0.99462	-0.03	0.07	0.16	0.09	-0.02	-0.72	-0.10															
HILICneg_393.0204_2.57	HILIC	neg	2.57	393.0204			4		0.02150	0.26365	-0.73	-0.44	-0.53	-0.61	-0.45	0.17	0.82076	0.97286	-0.18	-0.05	0.30	-0.53	-0.77	-0.09	0.34															
HILICpos_393.0491_3.13	HILIC	pos	3.13	393.0491			4		0.23744	0.57891	-0.49	-0.13	-0.16	-0.10	0.07	-0.47	0.63135	0.93546	-0.02	-0.04	0.43	-0.15	-0.13	-0.15	0.01															
RPneg_393.0658_3.574	RP	neg	3.574	393.0606			4		0.00365	0.12342	0.52	0.31	0.66	0.56	0.56	0.70	0.79938	0.96931	0.11	0.00	-0.19	0.05	0.20	0.44	0.62															
HILICpos_393.0784_5.33	HILIC	pos	5.33	393.0784			4		0.22170	0.56411	0.36	0.51	0.48	0.21	0.52	0.30	0.13211	0.62747	-0.24	-0.07	0.33	0.50	0.31	0.51	-0.76															
HILICneg_393.1035_0.96	HILIC	neg	0.96	393.1035			4		0.36133	0.59862	-0.10	0.34	0.49	0.30	0.44	0.17	0.90249	0.85882	0.41	0.00	-0.07	0.58	0.17	0.01	-0.28															
HILICneg_393.104_0.88	HILIC	neg	0.88	393.1040			4		0.59576	0.82675	0.10	0.54	1.02	0.33	0.22	-0.12	0.43661	0.87671	0.16	0.14	0.14	0.17	0.47	0.16	-0.39															
RPneg_393.13782_10.662	RP	neg	10.662	393.1378			4		0.00032	0.03385	1.70	-0.11	0.42	0.81	3.77	0.12	0.97383	0.99690	-0.04	0.08	0.33	-0.16	-0.15	-0.03	-0.10															
HILICneg_393.1555_0.8	HILIC	neg	0.8	393.1555			4		0.64637	0.85063	0.04	0.04	0.35	0.01	0.00	0.02	0.28346	0.79202	-0.10	-0.07	-0.09	-0.04	-0.10	-0.20	-0.03															
RPpos_393.209_4.26	RP	pos	4.26	393.2090			4		0.34514	0.66640	-0.25	-0.10	0.64	-0.12	-0.14	0.12	0.26599	0.77820	-0.37	-0.43	-0.03	-0.51	0.14	-0.17	-0.57															
RPneg_393.2139_10.919	RP	neg	10.919	393.2139			4		0.00677	0.16258	0.94	-0.08	0.57	0.99	2.00	-0.01	0.80223	0.96982	-0.12	-0.39	0.16	-0.18	-0.05	-0.36	0.08															
HILICneg_393.2214_6.98	HILIC	neg	6.98	393.2214			4		0.77141	0.91017	0.04	0.14	0.41	0.31	-0.05	-0.53	0.06073	0.48151	0.17	0.34	0.31	0.49	0.01	-0.24	-0.20															
RPpos_393.2239_10.16	RP	pos	10.16	393.2239			4		0.63065	0.84356	0.19	0.48	0.52	0.09	0.46	-0.08	0.25404	0.76928	-0.57	-0.28	0.10	-0.53	-0.32	-0.82	-0.17															
RPpos_393.2399_10.61	RP	pos	10.61	393.2399			4		0.41695	0.72106	0.25	0.02	0.35	0.70	0.63	-0.30	0.30419	0.80438	0.12	0.34	-0.10	0.10	-0.01	0.45	-0.05															
RPpos_393.2464_6.14	RP	pos	6.14	393.2464			4		0.18338	0.52942	-0.41	0.39	0.01	0.06	-0.29	-0.13	0.82221	0.97319	-0.06	-0.44	0.08	0.06	-0.16	0.25	-0.16															
RPpos_393.2558_7.43	RP	pos	7.43	393.2558			4		0.32861	0.65323	-0.28	-0.07	0.83	-0.35	-0.40	0.45	0.23541	0.75306	-0.36	-0.26	-0.02	-0.36	-0.10	-0.41	-0.44															
RPpos_393.2592_12.83	RP	pos	12.83	393.2592			4		0.79940	0.92255	0.05	0.45	0.16	-0.21	0.30	0.48	0.10112	0.57331	-0.37	-0.01	0.01	-0.62	-0.12	-0.48	-0.78															
RPneg_393.26398_8.7	RP	neg	8.7	393.2640			4		0.94684	0.85078	-0.07	-0.02	0.52	0.03	-0.32	-0.39	0.64343	0.93738	0.10	-0.41	-0.02	-0.62	0.30	0.33	0.10	-0.26														
HILICneg_393.6635_1.45	HILIC	neg	1.45	393.6635			4		0.49029	0.77142	-0.17	0.02	-0.02	-0.09	0.00	-0.39	0.00067	0.04426	-0.54	-0.53	-0.62	-0.61	-0.36	-0.43	-0.36															
RPpos_393.8923_1.047	RP	pos	1.047	393.8923			4		0.58511	0.94670	0.03	-0.27	0.30	0.41	0.41	-0.14	0.06032	0.48101	0.46	0.02	0.10	0.46	0.00	0.68	1.02															
RPneg_394.01004_2.811	RP	neg	2.811	394.0100			4		0.22808	0.56969	-0.29	0.14	0.29	-0.09	-0.54	-0.43	0.42008	0.86806	-0.32	-0.35	-0.27	0.01	-0.15	-0.46	-0.66															
RPneg_394.13214_7.404	RP	neg	7.404	394.1321			4		0.37402	0.68985	-0.18	-0.17	-0.14	-0.18	-0.16	-0.08	0.00337	0.11757	0.53	0.75	0.68	0.65	0.44	0.54	-0.02															
HILICpos_394.1731_1.54	HILIC	pos	1.54	394.1731			4		0.28141	0.61550	0.30	-0.26	0.96	0.26	0.38	1.13	0.97220	0.99673	-0.01	-0.20	0.01	0.02	0.27	0.17	-0.20															
RPneg_394.1806_10.914	RP	neg	10.914	394.1806			4		0.01169	0.20797	1.09	-0.04	0.27	1.07	2.28	-0.27	0.41072	0.86351	-0.19	-0.43	-0.03	-0.43	0.06	-0.16	-0.05															
RPneg_394.1879_9.914	RP	neg	9.914	394.1879			4		0.22469	0.56687	-0.19	0.61	0.30	-0.13	-0.27	-0.64	0.30197	0.80326	-0.17	-0.26	-0.03	0.15	-0.01	-0.29	-0.46															
HILICpos_394.2083_0.95	HILIC	pos	0.95	394.2083			4		0.81576	0.92982	-0.09	0.32	0.50	0.30	-0.28	-0.45	0.90051	0.98553	-0.03	-0.17	0.01	0.71	-0.07	-0.16	-0.59															
HILICpos_394.2088_0.91	HILIC	pos	0.91	394.2088			4		0.63403	0.84482	0.07	0.26	0.31	0.54	-0.02	-1.05	0.91514	0.98770	0.04	-0.02	0.22	0.36	0.17	-0.18	-0.57															
RPpos_394.2092_9.9	RP	pos	9.9	394.2092			4		0.34379	0.66515	0.60	1.59	0.34	0.77	0.36	0.79	0.20519	0.72160	-0.25	-0.24	-0.22	-0.19	-0.26	-0.27	-0.32															
RPpos_394.2166_11.3	RP	pos	11.3	394.2166			4		0.00140	0.07596	1.19	-0.02	0.16	0.62	2.75	0.38	0.83209	0.97501	-0.03	-0.19	0.19	-0.20	0.31	-0.15	0.03															
RPpos_394.2225_7.07	RP	pos	7.07	394.2225			4		0.05165	0.34916	-0.37	-0.25	0.53	-0.15	-0.60	0.08	0.79615	0.96829	-0.19	-0.33	-0.03	-0.63	0.42	-0.06	-0.01															
RPpos_394.2541_5.86	RP	pos	5.86	394.2541			4		0.12631	0.46275	0.29	0.33	0.19	0.29	0.45	1.35	0.21678	0.73229	0.09	0.00	0.25	0.02	0.13	0.08	-0.12															
RPpos_394.2616_11.58	RP	pos	11.58	394.2616			4		0.85744	0.8464	-0.06	0.18	0.09	-0.16	0.04	-0.83	0.72823	0.95678	-0.02	0.67	-0.01	-0.01	-0.36	0.07	-0.04															
RPpos_394.2954_6.48	RP	pos	6.48	394.2954			4		0.53114	0.79398	0.23	0.04	0.43	0.21	0.25	0.49	0.98457	0.99776	-0.01	-0.20	0.08	-0.08	-0.31	0.06	1.02															
RPpos_394.3308_10.8	RP	pos	10.8	394.3308		no autoMSMS	4		0.52894	0.79273	0.08	-0.05	0.26	0.06	0.36	-0.24	0.00001	0.00292	1.02	-1.11	0.83	1.03	1.28	1.07	0.54															
RPneg_394.33188_11.056	RP	neg	11.056	394.3319			4		0.44239	0.73848	0																													

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																	
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						BrAC=0				Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo						BrAC=0		
									p	q	d	d	d	d	d	d	p	q	d	p	q	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d		
RPpos_397.1474_6.48	RP	pos	6.48	397.1474			4		0.80361	0.92441	0.10	0.41	1.05	0.03	0.75	0.27	0.90936	0.98698	0.07	1.35	0.11	-0.33	0.03	0.03	-0.11	-0.44													
HILICpos_397.1592_0.64	HILIC	pos	0.64	397.1592			4		0.06155	0.36878	-0.57	-0.21	0.21	-0.25	-0.79	-0.40	0.65160	0.94006	0.12	0.04	0.51	-0.40	0.56	0.16	-0.11	0.11													
RPneg_397.16879_11.193	RP	neg	11.193	397.1688			4		0.00014	0.02223	2.03	-0.06	0.57	1.88	3.42	-0.14	0.96970	0.99673	-0.01	-0.14	0.37	-0.15	0.00	-0.10	-0.06	-0.06													
RPneg_397.17801_6.401	RP	neg	6.401	397.1780			4		0.19417	0.53956	-0.05	-0.14	-0.23	-0.04	0.58	-0.17	0.78904	0.96713	0.39	0.74	0.36	-0.35	0.54	0.76	0.02	0.02													
RPneg_397.1822_5.8	HILIC	pos	5.8	397.1822			4		0.91680	0.96975	-0.09	0.43	0.56	0.35	0.21	-0.25	1.13965	0.96697	1.12	0.82	0.53	1.53	0.17	1.04	-0.06	-0.06													
RPneg_397.1858_8.137	RP	neg	8.437	397.1858	no MSMS		4		0.00002	0.00743	0.64	0.04	0.30	0.77	1.31	0.21	0.00000	0.00003	0.70	0.03	0.48	0.03	0.32	-1.14	-0.14	-0.14													
RPneg_397.20419_8.094	RP	neg	8.094	397.2042			4		0.02631	0.28143	0.29	0.08	0.33	0.38	0.60	0.36	0.01240	0.23841	0.11	-0.13	-0.06	0.07	0.30	0.31	-0.04	-0.04													
RPneg_397.20435_11.785	RP	neg	11.785	397.2044			4		0.32732	0.65211	-0.19	-0.04	-0.04	0.26	-0.26	0.50	0.68660	0.94909	-0.10	0.03	-0.43	-0.34	0.63	0.05	0.59	0.59													
RPneg_397.20456_8.685	RP	neg	8.685	397.2046			4		0.08666	0.41277	0.03	-0.07	0.40	0.39	0.07	-0.05	0.07770	0.52500	0.50	0.45	0.44	0.57	0.67	0.73	0.02	0.02													
RPneg_397.20462_9.006	RP	neg	9.006	397.2046			4		0.38869	0.70066	-0.01	-0.16	0.25	0.28	0.04	-0.09	0.54536	0.91584	0.23	-0.09	0.22	0.24	0.88	0.88	-0.37	-0.37													
RPneg_397.20471_8.931	RP	neg	8.931	397.2047			4		0.61505	0.83589	-0.17	-0.18	-0.11	-0.20	-0.08	-0.08	0.47906	0.89404	0.14	0.17	0.15	0.32	0.42	0.34	-0.49	-0.49													
RPneg_397.20493_7.676	RP	neg	7.676	397.2049			4		0.01593	0.23382	-0.20	0.01	-0.02	-0.25	0.01	-0.09	0.88751	0.98356	-0.04	-0.01	0.11	-0.13	-0.07	-0.10	0.01	0.01													
HILICneg_397.2053_0.55	HILIC	neg	0.55	397.2053			4		0.02699	0.28288	0.30	0.09	0.32	0.44	0.62	0.37	0.04007	0.40790	0.08	-0.17	-0.08	0.05	0.27	0.25	-0.01	-0.01													
RPneg_397.22256_9.331	RP	neg	9.331	397.2226			4		0.31217	0.64016	-0.08	0.15	0.31	0.02	0.05	-0.31	0.01940	0.29417	0.79	1.03	1.03	1.05	1.00	0.76	0.70	0.70													
RPneg_397.22305_9.252	RP	neg	9.252	397.2231			4		0.63270	0.84427	0.00	0.28	0.27	0.06	0.18	-0.04	0.24618	0.76221	0.39	0.31	0.45	0.48	0.48	0.30	0.51	0.51													
HILICneg_397.2238_1.42	HILIC	neg	1.42	397.2238			4		0.33618	0.65911	-0.06	0.09	0.18	0.10	0.08	-0.30	0.02399	0.32676	0.82	0.81	1.02	1.18	0.91	0.87	0.59	0.59													
RPneg_397.23633_11.071	RP	neg	11.071	397.2363			4		0.00724	0.16773	0.69	0.06	0.18	0.34	2.15	0.09	0.34525	0.82842	0.58	0.39	0.99	0.32	0.52	0.13	0.04	0.04													
RPpos_397.3107_9.93	RP	pos	9.93	397.3107			4		0.97033	0.98871	0.04	0.21	0.28	-0.01	0.13	0.41	0.38456	0.84935	0.03	0.09	0.10	-0.05	0.16	-0.04	0.01	0.01													
RPpos_397.3307_9.96	RP	pos	9.96	397.3307			4		0.99988	0.99980	-0.04	-0.03	-0.20	0.42	0.45	1.06	0.55445	0.91858	0.17	0.13	-0.57	0.03	0.32	0.70	0.11	0.11													
RPneg_397.33099_10.327	RP	neg	10.327	397.3310			4		0.35965	0.67828	-0.13	0.76	0.23	-0.05	0.60	-0.57	0.02675	0.34431	0.81	-0.25	1.02	0.26	0.04	0.34	0.90	0.90													
RPneg_397.33218_11.577	RP	neg	11.577	397.3322			4		0.01202	0.20984	0.40	0.36	0.20	0.78	0.83	0.15	0.05004	0.44558	0.22	-0.09	0.10	0.44	0.35	0.22	-0.07	-0.07													
RPneg_397.36786_11.361	RP	neg	11.361	397.3679			4		0.49619	0.77397	0.11	0.03	-0.16	0.20	0.39	0.07	0.67821	0.94718	-0.13	-0.29	-0.18	0.42	-0.37	-0.13	-0.42	-0.42													
RPpos_397.4145_11.58	RP	pos	11.58	397.4145			4		0.67258	0.86373	-0.12	0.14	0.11	0.01	0.09	-0.87	0.95295	0.99385	0.05	0.61	-0.06	-0.16	-0.39	0.14	0.04	0.04													
RPpos_397.7492_7.49	RP	pos	7.49	397.7492			4		0.57896	0.81776	-0.20	-0.01	1.06	-0.32	-0.26	0.65	0.30654	0.80651	-0.32	-0.25	-0.09	-0.28	-0.10	-0.35	-0.39	-0.39													
RPpos_397.7541_12.58	RP	pos	12.58	397.7541			4		0.81849	0.93082	-0.03	0.20	0.14	-0.10	0.36	0.09	0.91262	0.98738	-0.05	-0.22	-0.23	-0.10	0.18	0.05	-0.12	-0.12													
HILICpos_398.0334_5.32	HILIC	pos	5.32	398.0334			4		0.50607	0.77973	0.18	0.32	0.39	0.15	0.41	0.56	0.18267	0.69844	0.03	-0.16	0.03	0.01	0.12	0.27	-0.64	-0.64													
RPneg_398.06638_8.767	RP	neg	8.767	398.0664			4		0.63249	0.84427	-0.08	-0.12	-0.02	-0.16	0.24	0.14	0.10706	0.58514	0.20	0.20	0.27	0.14	0.14	0.10	0.33	0.33													
HILICneg_398.1046_4.2	HILIC	neg	4.2	398.1046			4		0.11433	0.45005	-0.33	0.30	0.23	-0.22	-0.46	-0.48	0.62744	0.93463	-0.31	-1.08	0.04	-0.55	0.41	-0.78	-0.10	-0.10													
RPneg_398.11215_10.665	RP	neg	10.665	398.1122			4		0.00015	0.02351	1.47	-0.12	0.71	0.98	2.56	0.51	0.84700	0.97724	-0.09	0.00	0.31	-0.25	-0.11	-0.20	-0.10	-0.10													
HILICneg_398.1234_0.92	HILIC	neg	0.92	398.1234			4		0.00328	0.11843	-0.39	-0.03	-0.31	-0.56	-0.09	-0.01	0.05789	0.47329	-0.37	-0.41	-0.16	-0.48	-0.28	-0.17	-0.46	-0.46													
RPneg_398.13162_10.92	RP	neg	10.92	398.1316			4		0.00193	0.08849	1.17	-0.14	0.69	1.15	2.04	0.07	0.71102	0.96458	-0.15	-0.24	0.25	-0.24	-0.24	-0.22	-0.07	-0.07													
RPneg_398.13922_10.761	RP	neg	10.761	398.1392			4		0.00592	0.15063	1.30	-0.04	0.24	0.92	3.44	-0.41	0.82366	0.97343	0.05	-0.11	0.78	-0.21	0.08	-0.29	-0.10	-0.10													
RPneg_398.17645_11.311	RP	neg	11.311	398.1765			4		0.19798	0.54249	-0.33	-0.01	-0.04	0.76	-0.33	0.31	0.56524	0.93073	0.11	0.12	0.27	-0.56	0.00	0.21	0.69	0.69													
RPneg_398.18039_5.177	RP	neg	5.177	398.1804			4		0.50452	0.77906	-0.13	0.20	-0.16	0.06	-0.12	-0.25	0.42378	0.87033	0.12	0.26	0.25	0.03	0.06	0.04	-0.07	-0.07													
RPneg_398.21222_11.545	RP	neg	11.545	398.2122			4		0.03946	0.31957	-0.47	-0.25	-0.45	-0.10	-0.18	0.38	0.77288	0.96458	0.08	0.17	-0.37	-0.16	-0.03	0.34	0.79	0.79													
RPpos_398.231_11.18	RP	pos	11.18	398.2310			4		0.01374	0.22294	0.99	-0.09	0.36	1.24	2.11	-0.32	0.84767	0.97724	-0.08	0.00	0.14	-0.24	-0.23	-0.08	0.01	0.01													
RPneg_398.26547_9.721	RP	neg	9.721	398.2655			4		0.20542	0.54934	-0.20	-0.01	0.01	-0.12	-0.08	-0.14	0.37042	0.84063	0.03	-0.03	0.17	0.00	-0.09	0.10	0.16	0.16													
RPpos_398.2743_6.98	RP	pos	6.98	398.2743			4		0.66962	0.86212	-0.03	0.18	0.35	-0.24	0.44	0.41	0.50383	0.90315	-0.32	-0.05	0.34	-0.01	0.17	-0.52	0.48	0.48													
HILICpos_398.2755_0.41	HILIC	pos	0.41	398.2755			4		0.91943	0.97060	0.03	0.34	0.43	0.08	0.19	0.10	0.70976	0.95278	-0.18	-0.02	0.21	-0.37	-0.03	-0.46	0.61	0.61													
HILICpos_398.3257_0.62	HILIC	pos	0.62	398.3257			4		0.54100	0.79848	0.21	-0.02	-0.02	0.44	0.97	0.16	0.08171	0.53425	0.36	0.37	0.23	0.35	0.03	0.92	0.30	0.30													
RPpos_398.3265_8.98	RP	pos	8.98	398.3265			4		0.32931	0.65349	0.28	0.22	0.25	0.23	1.46	0.11	0.05137	0.45163	0.35	0.18	0.33	0.40	0.38	0.53	0.10	0.10													
RPneg_398.3273_10.383	RP	neg	10.383	398.3273			4		0.72240	0.88666	0.17	0.55	-0.02	0.53	-0.07	-0.83	0.21866	0.73520	-0.26	0.18	-0.15	0.01	-0.55	-0.04	-0.26	-0.26													
HILICpos_398.341_0.53	HILIC	pos	0.53	398.3410			4		0.25556	0.59197	0.16	0.09	0.21	1.00	0.23	-0.06	0.20790	0.72383	-0.25	-0.30	-0.25	-0.29	-0.15	-0.25	-0.24	-0.24													
RPpos_398.3424_6.69	RP	pos	6.69	398.3424			4		0.32731	0.65211	0.14	0.05	0.26	1.18	0.11	-0.13																							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BxAc=0		Baseline		Post-LD		IV-AC		Post-AC		BxAc=0		Baseline		IV-ASA		BxAc=0			
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q
RPneg_400.12817_10.92	RP	neg	10.92				4		0.00036	0.03488	1.41	-0.14	0.91	1.26	2.36	0.21	0.71070	0.95280	-0.18	-0.17	0.29	-0.29	-0.33	-0.31	-0.31	-0.06						
RPneg_400.14368_5.894	RP	neg	5.894	400.1437			4		0.31743	0.64643	0.42	0.43	0.69	0.54	0.20	0.10	0.12096	0.60864	2.41	1.73	2.18	2.06	2.82	1.75	1.32							
RPneg_400.14758_11.192	RP	neg	11.192	400.1476			4		0.00058	0.04619	1.49	-0.03	0.53	1.58	2.53	-0.23	0.82220	0.97319	-0.09	-0.17	0.24	2.24	-0.03	-0.19	-0.04							
RPneg_400.15509_14.17	RP	neg	14.17	400.1551			4		0.87759	0.95410	-0.08	0.73	0.23	-0.31	0.19	0.78	0.01894	0.29210	-0.40	0.33	-0.03	-0.48	-0.34	0.13	-0.84							
RPneg_400.15515_11.604	RP	neg	11.604	400.1552			4		0.59406	0.61511	-0.14	0.17	0.12	0.12	0.05	-0.92	0.78977	0.95656	-0.01	0.77	-0.04	0.04	-0.04	-0.04	0.01							
RPneg_400.15521_11.143	RP	neg	11.143	400.1552			4		0.77183	0.91029	0.09	0.33	-0.01	0.12	0.09	0.25	0.65235	0.84944	0.11	1.22	0.45	0.21	-0.05	0.53	0.57							
RPneg_400.15585_12.936	RP	neg	12.936	400.1559			4		0.26754	0.60371	-0.23	-0.03	-0.25	-0.25	0.41	0.01	0.07649	0.52148	-0.48	-0.19	-0.76	-0.08	-0.20	-0.38	0.26							
RPneg_400.15634_11.102	RP	neg	11.102	400.1563			4		0.20208	0.54699	-0.37	-0.25	-0.10	0.55	1.04	-0.06	0.75837	0.96233	-0.01	0.13	0.12	-0.57	0.16	0.04	0.39							
RPpos_400.168_10.07	RP	pos	10.07	400.1680			4		0.63012	0.84955	-0.20	-0.18	0.47	0.46	0.51	1.28	0.76313	0.96312	0.14	12.35	-0.38	-0.36	-0.18	0.23	0.99							
RPpos_400.1682_9.32	RP	pos	9.32	400.1682			4		0.03103	0.29633	-0.65	0.11	-0.91	-0.53	-0.09	0.23	0.00993	0.21165	-0.41	0.25	-0.15	-1.09	-0.74	-0.28	-0.04							
RPpos_400.1866_4.16	RP	pos	4.16	400.1866			4		0.98005	0.96600	-0.09	-0.12	-0.27	-0.07	0.73	-0.15	0.78224	0.96598	0.13	0.25	0.06	0.11	0.21	0.19	-0.06							
RPpos_400.2016_7.45	RP	pos	7.45	400.2016			4		0.28461	0.61824	-0.38	-0.04	0.28	-0.04	0.42	-0.17	0.87395	0.98172	0.01	0.83	0.11	-0.16	0.27	-0.11	-1.12							
RPpos_400.2277_11.17	RP	pos	11.17	400.2277			4		0.00922	0.18803	0.96	-0.02	0.49	1.24	2.45	-0.33	0.98130	0.99752	-0.03	-0.18	0.31	-0.24	-0.01	-0.08	0.00							
RPpos_400.2631_7.43	RP	pos	7.43	400.2631			4		0.51556	0.78578	-0.22	0.12	0.91	-0.25	-0.32	0.70	0.28944	0.79452	-0.30	-0.28	-0.08	-0.32	0.02	-0.39	-0.34							
RPneg_400.26993_8.104	RP	neg	8.104	400.2699			4		0.59021	0.82411	0.19	0.27	0.46	0.24	0.02	-0.08	0.32961	0.82035	-0.25	-0.36	-0.18	-0.15	-0.20	-0.24	-0.48							
RPpos_400.2726_7.24	RP	pos	7.24	400.2726			4		0.35349	0.67299	-0.31	-0.24	1.07	-0.22	-0.14	0.44	0.58966	0.92655	-0.21	-0.27	0.07	-0.24	0.16	-0.34	-0.35							
HILICpos_400.2894_0.46	HILIC	pos	0.46	400.2894			4		0.41814	0.72193	-0.17	0.10	0.35	0.02	0.03	-0.26	0.91954	0.98860	-0.08	-0.36	-0.03	0.14	-0.15	-0.31	0.72							
RPpos_400.32789_9.63	RP	pos	9.63	400.32789			4		0.59227	0.82500	-0.12	-0.13	0.09	0.19	0.23	0.07	0.06240	0.48574	0.56	0.35	0.27	0.47	0.32	1.28	0.15							
RPneg_400.931_7.949	RP	neg	7.949	400.9310			4		0.71555	0.88437	0.09	-0.04	-0.26	0.48	0.65	0.19	0.58883	0.94980	0.16	0.24	0.65	0.14	-0.46	2.03	2.17							
HILICneg_401.0703_2.49	HILIC	neg	2.49	401.0703			4		0.22063	0.56295	-0.10	0.05	0.09	-0.08	-0.03	0.04	0.28456	0.79289	0.02	0.03	0.05	0.02	0.08	0.06	0.04							
RPneg_401.08362_6.023	RP	neg	6.023	401.0836			4		0.42215	0.72467	0.14	0.25	0.18	0.08	0.18	0.04	0.94906	0.99331	-0.09	-0.12	-0.03	-0.07	-0.07	-0.08	-0.29							
RPneg_401.08701_7.385	RP	neg	7.385	401.0870			4		0.77740	0.91240	-0.06	0.40	0.35	-0.21	-0.31	0.19	0.96857	0.99673	-0.06	0.08	-0.02	-0.02	0.09	-0.06	-0.51							
HILICneg_401.0876_0.53	HILIC	neg	0.53	401.0876			4		0.77202	0.91024	0.13	-0.01	0.23	1.62	0.22	0.78	0.32638	0.81886	0.10	0.04	0.04	0.07	-0.01	-0.05	0.61							
RPneg_401.12708_7.889	RP	neg	7.889	401.1271			4		0.26663	0.60291	0.44	-0.03	0.48	0.84	0.34	0.38	0.33533	0.82321	0.20	0.66	0.25	0.15	-0.08	-0.16	0.18							
RPneg_401.14789_10.761	RP	neg	10.761	401.1479			4		0.01828	0.24665	0.53	0.91	0.60	0.56	0.70	0.25	0.95663	0.99456	-0.04	-0.28	0.00	0.06	0.16	0.15	-0.45							
HILICneg_401.156_5.2	HILIC	neg	5.2	401.1560			4		0.01546	0.23287	0.87	-0.07	0.19	0.70	2.25	-0.33	0.95707	0.99463	-0.04	-0.13	0.41	-0.23	-0.20	-0.16	-0.05							
RPneg_401.15747_6.106	RP	neg	6.106	401.1575			4		0.78177	0.91447	-0.08	-0.12	0.05	0.03	-0.24	0.69	0.21781	0.73489	0.02	-0.18	-0.05	0.03	0.22	-0.01	0.27							
HILICpos_401.1576_5.64	HILIC	pos	5.64	401.1576			4		0.25235	0.59105	-0.17	-0.22	0.16	0.23	-0.52	0.10	0.10457	0.58038	-0.54	-0.37	-0.44	-0.54	-0.19	-0.10	-0.41							
RPpos_401.1964_7.73	RP	pos	7.73	401.1964			4		0.65602	0.85580	-0.14	0.59	0.71	0.41	0.09	-0.88	0.03774	0.39589	0.44	0.72	0.78	0.12	0.33	1.05	-0.48							
RPneg_401.19684_9.386	RP	neg	9.386	401.1968			4		0.46973	0.75693	-0.20	-0.25	0.50	-0.24	-0.37	0.02	0.73869	0.95923	-0.16	-0.10	0.21	-0.59	0.42	-0.40	-0.12							
HILICneg_401.1972_0.39	HILIC	neg	0.39	401.1972			4		0.53873	0.79818	0.02	0.05	0.06	0.02	0.02	0.20	0.98651	0.99793	-0.05	-0.02	-0.03	-0.05	-0.07	-0.10	0.03							
RPneg_401.19952_6.07	RP	neg	6.07	401.1995			4		0.28202	0.61605	0.03	-0.04	0.11	-0.07	0.24	0.03	0.35028	0.83122	-0.03	0.03	0.00	-0.06	-0.07	-0.03	0.00							
HILICneg_401.2019_1.33	HILIC	neg	1.33	401.2019			4		0.07056	0.38517	0.35	0.39	0.50	0.44	0.67	-0.13	0.44966	0.89150	0.17	0.13	0.19	0.78	0.14	0.34	0.13	0.04						
RPneg_401.20279_3.677	RP	neg	3.677	401.2028			4		0.20671	0.54993	-0.19	0.18	0.26	0.22	0.07	-0.40	0.91940	0.98860	0.04	0.14	0.77	0.26	0.05	-0.06	-0.05							
RPneg_401.20325_3.356	RP	neg	3.356	401.2033			4		0.45556	0.74769	-0.17	0.12	0.22	-0.15	-0.12	-0.27	0.57662	0.92304	-0.13	0.21	0.58	-0.35	-0.05	-0.22	-0.10							
RPpos_401.258_11.52	RP	pos	11.52	401.2580			4		0.17265	0.51820	-0.22	0.27	0.27	-0.22	-0.21	-0.43	0.99273	0.99904	0.00	0.23	0.54	-0.26	0.20	-0.13	-0.09							
HILICpos_401.2615_0.63	HILIC	pos	0.63	401.2615			4		0.17509	0.52072	-0.31	0.00	0.07	0.20	-0.03	0.04	0.91943	0.98860	0.04	-0.36	-0.47	-0.22	0.48	0.23	0.62							
RPpos_401.262_5.96	RP	pos	5.96	401.2620			4		0.04948	0.34580	-0.43	-0.14	0.28	0.00	-0.54	0.35	0.01884	0.29189	-0.39	-0.45	-0.33	-0.53	-0.10	0.09	-0.27							
RPpos_401.2667_10.59	RP	pos	10.59	401.2667			4		0.31014	0.63846	-0.29	0.07	0.59	-0.45	-0.26	0.43	0.01886	0.29189	-0.33	-0.28	-0.16	-0.34	-0.13	-0.08	-0.41							
RPpos_401.2688_9.86	RP	pos	9.86	401.2688			4		0.54629	0.80157	0.18	0.30	0.43	0.59	0.57	-0.27	0.29614	0.79892	-0.22	0.60	0.10	0.28	0.15	0.35	-0.15							
RPpos_401.2894_10.51	RP	pos	10.51	401.2894			4		0.32876	0.65331	-0.33	0.18	0.52	-0.21	0.17	-0.26	0.84398	0.97670	-0.13	0.42	0.10	-0.28	0.18	-0.46	-0.61							
RPneg_401.2901_10.904	RP	neg	10.904	401.2901			4		0.22551	0.56723	0.36	0.46	0.58	0.30	0.91	-0.59	0.63704	0.93602	-0.25	-0.05	-0.32	-0.11	-0.13	-0.11	-0.15							
RPneg_401.2908_10.836	RP	neg	10.836	401.2908			4		0.87386	0.95270	0.04	0.21	0.39	0.83	1.27	-0.29	0.09721	0.56769	0.37	1.11	0.14	0.33	0.32	0.28	0.29							
RPpos_401.342_10.54	RP	pos	10.54	401.3420			4		0.82110	0.93204	-0.06	0.26	0.50	0.95	0.71	-0.30	0.14602	0.64944	0.26	0.21	0.12	0.52	0.12	0.23	0.24							
RPpos_401.3426_10.84	RP	pos	10.84	401.3426			4		0.89323	0.96136	-0.03	0.26	0.12	-0.15	0.20	-0.19	0.31625	0.81260	-0.04	-0.21	0.04	0.12	-0.03	-0.06	-0.15							
RPpos_401.7375_12.83	RP	pos	12.83	401.7375			4		0.88362	0.95686	-0.07	0.12	0.49	-0.18	0.14	-0.17	0.27696	0.78625	-0.18	0.19	0.39	0.10	0.26	0.01	-0.09							
RPpos_401.7422_6.97	RP	pos	6.97	401.7422			4		0.12528	0.46115	-0.32	0.11	-0.20	-0.50	0.06	-0.76	0.81049	0.97137	0.03	-0.07	0.03	0.13	0.08	0.12	-0.22							
RPneg_401.7426_7.32	RP	neg	7.32	401.7426			4		0.86951	0.95113	0.02																					

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)				IV-Ghrelin or Placebo						Area Under the Curve (AUC)				IV-Ghrelin or Placebo					
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_403.66849_6.283	RP	neg	6.283	403.6685			4		0.71594	0.88437	-0.01	0.03	0.01	-0.04	0.00	0.21	0.05777	0.47280	-0.09	-0.11	-0.10	-0.12	-0.09	-0.07	-0.01			
RPpos_403.7395_5.96	RP	pos	5.96	403.7395			4		0.37785	0.69288	-0.24	0.10	0.59	-0.45	-0.21	0.73	0.11358	0.59703	-0.28	-0.33	-0.15	-0.19	-0.10	-0.06	-0.41			
RPpos_403.7546_12.67	RP	pos	12.67	403.7546			4		0.52416	0.78980	-0.16	0.08	-0.16	-0.58	0.37	0.51	0.86225	0.97982	0.01	-0.04	0.37	-0.20	0.35	0.17	-0.30			
RPpos_403.7726_13.49	RP	pos	13.49	403.7726			4		0.92306	0.97235	-0.06	0.47	0.34	-0.13	0.58	-0.14	0.53801	0.91464	0.45	0.29	0.26	0.39	0.41	-0.04	0.26			
RPpos_403.7822_13.2	RP	pos	13.2	403.7822			4		0.84555	0.94418	-0.01	0.26	0.43	0.00	0.28	0.87	0.05853	0.47550	0.93	0.57	0.63	0.28	0.48	0.02	-0.02			
HILCneg_403.8660_1.43	HILC	neg	1.43	403.8660			4		0.15886	0.50188	-0.04	0.43	0.47	0.61	0.64	0.64	0.00040	0.03344	-1.11	-1.32	1.60	-0.43	0.88	0.80	0.40			
HILCneg_403.8687_0.41	HILC	neg	0.41	403.8687			4		0.90625	0.96548	-0.04	-0.30	0.20	0.22	0.30	-0.28	0.75348	0.96233	-0.06	0.27	-1.14	0.13	-0.77	0.22	0.35			
HILCneg_403.8689_0.56	HILC	neg	0.56	403.8689			4		0.53266	0.79472	-0.23	0.02	-0.04	0.18	0.06	0.44	0.75280	0.96219	0.04	0.18	-0.06	-0.17	-0.07	0.51	0.21			
HILCneg_403.8690_0.94	HILC	neg	0.94	403.8690			4		0.00069	0.05157	-0.97	-0.63	-0.47	-0.74	-0.81	-1.17	0.36868	0.84006	0.15	0.27	0.03	0.35	0.28	0.13	-0.10			
HILCneg_403.8692_3.88	HILC	neg	3.88	403.8692			4		0.35911	0.67767	-0.25	0.35	-0.01	-0.42	0.39	-0.22	0.46997	0.89010	-0.14	0.31	-0.18	0.10	-0.07	-0.39	0.02			
HILCneg_403.9031_1.5	HILC	neg	1.5	403.9031			4		0.00496	0.14032	-0.52	-0.32	-0.38	-0.51	-0.40	-0.18	0.00008	0.01014	-0.60	-0.65	-0.37	-0.53	-0.57	-0.67	-0.70			
HILCneg_404.0273_6.29	HILC	neg	6.29	404.0273			4		0.63272	0.84427	0.08	0.18	0.41	0.46	-0.01	-0.66	0.00004	0.00615	0.65	0.40	0.76	1.15	0.53	0.45	-0.89			
RPneg_404.14194_11.323	RP	neg	11.323	404.1419			4		0.71561	0.88437	-0.06	-0.40	-0.17	0.44	0.47	-0.04	0.63185	0.93546	-0.11	-0.22	-0.20	-0.56	-0.05	0.12	0.72			
RPneg_404.15036_10.637	RP	neg	10.637	404.1504			4		0.35803	0.67699	0.38	-0.13	-0.04	1.01	3.04	-0.07	0.54930	0.91721	-0.06	0.18	0.15	-0.12	-0.12	-0.25	-0.09			
RPpos_404.1857_9.82	RP	pos	9.82	404.1857			4		0.43299	0.73195	0.32	0.53	-0.16	0.97	0.62	0.52	0.40871	0.86241	0.51	0.32	0.05	1.45	0.04	0.65	0.34			
RPpos_404.2518_7.05	RP	pos	7.05	404.2518			4		0.77658	0.91211	0.04	0.38	0.48	0.30	0.01	0.92	0.96204	0.99564	-0.03	0.00	0.29	-0.02	0.22	-1.07	-0.38			
RPpos_404.3013_10.16	RP	pos	10.16	404.3013			4		0.60400	0.83136	-0.01	0.49	0.29	0.02	0.37	0.21	0.13443	0.63138	1.09	-0.88	0.11	-0.97	-0.87	-0.90	-0.44			
RPpos_404.3013_10.34	RP	pos	10.34	404.3013			4		0.29668	0.62767	-0.12	0.55	-0.10	-0.30	0.43	0.03	0.65117	0.93978	-0.29	-0.56	0.27	-0.35	0.10	-0.49	0.13			
HILCneg_405.0279_0.7	HILC	neg	0.7	405.0279			4		0.18013	0.52555	-0.41	-0.04	-0.09	-0.50	0.23	0.08	0.68408	0.94838	-0.03	0.43	0.22	0.28	0.28	0.09	-0.24			
HILCneg_405.0281_0.69	HILC	neg	0.69	405.0281			4		0.63510	0.84542	0.09	-0.04	0.51	0.53	0.32	0.49	0.00231	0.09449	0.47	0.29	0.24	0.67	0.64	0.39	0.05			
HILCneg_405.0286_0.88	HILC	neg	0.88	405.0286			4		0.15202	0.49491	-0.52	0.09	0.09	-0.15	-0.35	-0.31	0.16062	0.67002	-0.28	0.80	-1.08	1.08	0.07	0.50	0.11			
HILCneg_405.029_0.58	HILC	neg	0.58	405.0290			4		0.03173	0.29834	-0.57	-0.26	-0.29	-0.52	-0.22	-0.50	0.92405	0.98905	0.25	1.03	0.52	0.11	-0.06	0.10	-0.14			
HILCneg_405.029_0.99	HILC	neg	0.99	405.0290			4		0.10238	0.43509	-0.43	0.19	-0.15	-0.24	-0.19	-0.13	0.08916	0.55184	0.26	0.68	0.51	0.12	-0.23	0.15	0.24			
HILCneg_405.029_5.97	HILC	neg	5.97	405.0290			4		0.10623	0.43954	-0.35	-0.01	0.23	-0.19	-0.40	0.16	0.24502	0.76099	0.07	0.46	0.32	0.12	-0.16	-0.04	-0.27			
HILCneg_405.0424_0.49	HILC	neg	0.49	405.0424			4		0.96158	0.98629	-0.04	0.11	0.20	-0.09	0.00	0.34	0.36528	0.83821	-0.15	-0.12	-0.13	-0.15	-0.10	-0.16	-0.09			
HILCpos_405.0861_5.57	HILC	pos	5.57	405.0861			4		0.06439	0.37403	-0.49	0.00	-0.48	-0.14	-0.10	-1.10	0.20654	0.72323	-0.26	-0.17	-0.28	0.16	-0.51	-0.41	0.03			
RPneg_405.11264_11.315	RP	neg	11.315	405.1126			4		0.01819	0.24592	-0.50	-0.39	-0.34	-0.02	-0.14	-0.13	0.33716	0.82417	-0.13	-0.16	-0.54	-0.01	0.32	0.08	0.32			
RPneg_405.11865_6.741	RP	neg	6.741	405.1187			4		0.09099	0.41995	3.71	2.55	1.13	4.88	5.72	0.37	0.30113	0.80276	18.50	17.61	13.10	11.13	15.08	15.71	13.54			
RPpos_405.1503_6.95	RP	pos	6.95	405.1503			4		0.92822	0.97436	-0.07	0.19	0.19	0.04	-0.05	-0.09	0.29523	0.79878	0.10	0.14	0.00	0.26	-0.01	0.09	0.09			
RPpos_405.1545_10.91	RP	pos	10.91	405.1545			4		0.07195	0.38813	0.61	0.11	0.31	0.40	1.56	-0.12	0.80155	0.96981	-0.15	-0.44	0.35	-0.21	-0.23	-0.28	0.06			
RPneg_405.15952_13.189	RP	neg	13.189	405.1595			4		0.32731	0.65211	-0.21	0.57	-0.48	-0.06	-0.05	0.29	0.67991	0.94745	-0.15	-0.14	-0.36	-0.29	0.27	0.11	-0.40			
RPneg_405.17664_6.124	RP	neg	6.124	405.1766			4		0.00094	0.06221	0.98	0.37	1.84	1.18	0.21	0.16	0.00589	0.16200	1.13	0.30	0.74	1.73	1.47	1.33	0.15			
HILCneg_405.1911_0.46	HILC	neg	0.46	405.1913			4		0.00220	0.09516	0.45	-0.09	-0.29	0.63	0.35	-0.53	0.07358	0.51514	0.44	0.11	-0.08	0.27	0.63	1.08	-0.24			
RPneg_405.24963_8.523	RP	neg	8.523	405.2496			4		0.12134	0.55492	-0.29	0.70	-0.33	-0.38	-0.16	-0.39	0.30914	0.80799	0.28	-0.85	-0.31	-0.15	0.42	0.32	0.06			
RPpos_405.251_11.51	RP	pos	11.51	405.2510			4		0.39194	0.70257	0.18	0.15	0.10	0.40	0.05	0.43	0.13186	0.62692	0.13	-0.02	0.16	0.22	0.13	0.23	-0.71			
RPpos_405.2583_7.32	RP	pos	7.32	405.2583			4		0.41306	0.71794	-0.26	-0.14	0.88	-0.10	-0.31	0.34	0.88589	0.98286	-0.09	-0.27	0.02	0.13	0.29	-0.24	-0.36			
RPneg_405.26389_8.5	RP	neg	8.5	405.2639			4		0.91242	0.96773	-0.02	0.06	0.07	-0.04	0.01	-0.04	0.14086	0.64274	-0.42	-0.42	-0.44	-0.50	-0.37	-0.39	-0.32			
RPneg_405.26459_10.911	RP	neg	10.911	405.2646			4		0.93799	0.97750	0.06	-0.24	0.36	-0.10	0.68	0.30	0.06803	0.50163	0.35	-0.32	-0.09	1.22	0.22	0.08	0.24			
HILCneg_405.7312_1.45	HILC	neg	1.45	405.7312			4		0.53938	0.79830	-0.19	-0.01	-0.29	0.25	-0.04	0.33	0.03162	0.36926	-0.50	-0.35	-0.47	-0.74	-0.24	-0.37	-0.26			
HILCneg_405.8651_0.56	HILC	neg	0.56	405.8651			4		0.47120	0.75828	-0.23	-0.16	-0.13	0.18	0.22	-0.25	0.53249	0.91290	0.01	0.21	-0.10	-0.11	0.02	0.09	0.08			
HILCneg_406.0632_0.49	HILC	neg	0.49	406.0632			4		0.13668	0.47649	0.20	0.18	0.33	0.16	0.24	0.51	0.16027	0.66924	-0.21	-0.20	-0.23	-0.22	-0.18	-0.20	-0.07			
RPneg_406.10425_1.404	RP	neg	1.404	406.1043			4		0.20123	0.54594	0.28	0.41	1.41	0.16	-0.16	-0.51	0.02986	0.36003	0.89	0.45	1.66	1.58	0.79	-0.03	-0.56			
RPneg_406.13208_7.553	RP	neg	7.553	406.1321			4		0.06135	0.36873	-0.29	-0.22	-0.11	-0.26	-0.23	-0.23	0.01255	0.24002	1.16	1.35	1.40	1.26	1.29	1.26	0.84			
RPneg_406.13358_7.68	RP	neg	7.68	406.1336			4		0.28438	0.61802	-0.19	-0.20	-0.08	-0.15	-0.05	-0.14	0.00887	0.20057	1.15	1.44	1.43	1.27	1.14	1.03	0.2			

		IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)																						
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MS/MS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)															
									Area Under the Curve (AUC)			Baseline	IV-Ghrelin or Placebo			BraC=0	Area Under the Curve (AUC)			Baseline	Post-LD	IV-Ghrelin or Placebo			Post-AC	BraC=0										
									p	q	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d
RPneg_407.27875_9.227	RP	neg	9.227	407.2788			4		0.12763	0.46409	-0.37	-0.11	-0.30	-0.36	-0.27	-0.58	0.01420	0.25402	0.53	0.00	0.36	0.64	0.75	0.72	0.72	0.54										
RPpos_407.2798_10.21	RP	pos	10.21	407.2798			4		0.87839	0.95453	-0.11	-0.03	0.12	0.77	0.03	0.75	0.45281	0.88300	0.02	-0.15	0.04	0.50	-0.15	0.09	-0.52											
RPneg_407.27982_7.362	RP	neg	7.362	407.2798			4		0.79799	0.92199	-0.02	0.14	0.01	0.03	0.08	-0.15	0.53801	0.91464	-0.21	-0.24	-0.35	-0.18	-0.16	-0.12	0.07											
RPneg_407.28015_8.523	RP	neg	8.523	407.2802			4		0.42252	0.72470	-0.12	0.08	0.08	-0.11	-0.13	-0.89	0.73781	0.95899	-0.12	-0.32	-0.24	-0.17	-0.13	-0.07	0.45											
RPneg_407.29184_10.172	RP	neg	10.172	407.2918			4		0.71049	0.88102	0.11	-0.08	0.60	0.01	0.02	0.86	0.59081	0.96981	-0.04	-0.08	-0.08	-0.17	0.05	-0.02	0.82											
RPpos_9.6183	RP	pos	9.6183	407.3156			4		0.03250	0.30133	0.49	0.19	0.53	0.29	0.52	0.33	0.12337	0.62038	0.63	0.13	0.42	0.84	0.96	1.06	0.89											
HILICpos_407.7556_0.94	HILIC	pos	0.94	407.7556			4		0.63264	0.84427	0.08	0.18	0.37	0.03	0.46	-0.49	0.02913	0.35585	-0.46	-0.59	-0.41	-0.45	-0.26	-0.37	-0.77											
HILICneg_407.8638_0.94	HILIC	neg	0.94	407.8638			4		0.15077	0.49300	-0.22	-0.06	0.00	-0.47	0.03	0.07	0.10224	0.57601	-0.31	-0.12	-0.38	0.29	-0.49	-0.20	-0.59											
RPneg_408.16159_10.915	RP	neg	10.915	408.1616			4		0.05945	0.36516	0.70	-0.05	0.48	1.02	1.88	-0.08	0.71848	0.95518	-0.09	-0.33	0.26	-0.33	-0.04	-0.05	-0.06											
RPpos_408.1963_10.61	RP	pos	10.61	408.1963			4		0.41109	0.71620	0.26	0.00	0.43	1.02	0.56	-0.29	0.30997	0.80838	0.15	0.31	0.17	-0.06	0.02	0.36	0.01											
RPpos_408.2224_6.49	RP	pos	6.49	408.2224			4		0.31364	0.64132	-0.41	0.02	0.32	-0.58	0.70	0.09	0.92095	0.98863	0.04	0.93	-0.08	0.18	-0.06	-0.32	-0.37											
HILICpos_408.2226_0.39	HILIC	pos	0.39	408.2226			4		0.07590	0.39583	-0.61	0.00	-0.28	-0.34	-0.13	0.27	0.91916	0.98860	0.09	0.70	-0.36	0.52	0.00	0.48	-0.23											
HILICpos_408.2227_5.64	HILIC	pos	5.64	408.2227			4		0.65824	0.85683	0.05	0.19	0.48	0.31	0.14	-0.26	0.00000	0.00027	0.76	0.80	0.52	1.18	0.67	0.43	0.12											
RPpos_408.2518_5.96	RP	pos	5.96	408.2518			4		0.89367	0.96156	-0.04	-0.28	0.50	0.11	0.17	0.40	0.63286	0.93546	-0.16	-0.24	-0.24	-0.24	0.11	-0.19	-0.15											
HILICpos_408.2595_3.5	HILIC	pos	3.5	408.2595			4		0.02133	0.26302	0.88	0.23	0.38	1.01	0.53	0.21	0.53591	0.91827	0.29	1.09	-0.49	0.12	0.35	0.58	-0.96											
RPpos_408.3075_10.97	RP	pos	10.97	408.3075			4		0.25747	0.59561	-0.45	-0.19	-0.07	-0.03	-0.37	-0.54	0.57277	0.92224	0.26	1.27	-0.30	0.44	0.02	0.13	0.58											
RPpos_408.3077_11.07	RP	pos	11.07	408.3077			4		0.15481	0.49781	-0.53	-0.15	-0.06	-0.21	-0.44	-0.45	0.52544	0.91002	0.27	1.19	-0.32	0.52	-0.02	0.18	0.68											
RPpos_408.3102_9.54	RP	pos	9.54	408.3102			4		0.00469	0.13733	0.87	0.33	1.37	0.86	0.94	1.16	0.80884	0.97092	0.08	-0.24	0.10	0.14	0.09	0.27	-0.11											
RPpos_408.3675_10.94	RP	pos	10.94	408.3675			4		0.08525	0.41134	-0.57	-0.38	-0.89	-0.19	-0.11	-0.36	0.15580	0.66220	-0.51	0.01	-0.26	-0.38	-0.22	0.17	-0.41											
RPpos_408.7468_12.32	RP	pos	12.32	408.7468			4		0.51983	0.78761	-0.20	-0.10	-0.08	0.46	0.11	0.25	0.05881	0.75822	-0.37	-0.36	-0.37	-0.63	-0.35	-0.40												
HILICpos_408.7522_1.68	HILIC	pos	1.68	408.7522			4		0.26308	0.60023	-0.22	-0.18	0.48	0.24	0.54	0.41	0.57465	0.92285	-0.17	-0.30	-0.21	-0.24	0.04	-0.22	-0.20											
HILICpos_408.7635_0.94	HILIC	pos	0.94	408.7635			4		0.73659	0.89361	0.06	0.60	0.09	0.03	0.51	-0.29	0.00134	0.06787	-0.49	-0.68	-0.49	-0.38	-0.36	-0.33	-0.77											
RPpos_408.7738_10.75	RP	pos	10.75	408.7738			4		0.02140	0.26302	0.77	0.08	0.02	0.55	2.75	-0.45	0.15551	0.66189	-0.20	-0.12	0.27	-0.48	-0.44	-0.25	-0.14											
HILICneg_408.9934_2.57	HILIC	neg	2.57	408.9934			4		0.00848	0.18040	-0.60	-0.32	-0.34	-0.43	-0.83	0.38	0.29587	0.79880	-0.60	-0.61	0.06	-0.73	-0.73	-0.79	0.27											
RPneg_409.03436_3.576	RP	neg	3.576	409.0344			4		0.01768	0.24243	0.54	0.44	0.43	0.46	0.95	0.56	0.58704	0.92552	0.22	0.08	0.13	0.20	0.42	0.11	0.43											
HILICneg_409.1404_0.65	HILIC	neg	0.65	409.1404			4		0.00917	0.18760	-0.52	-0.32	0.40	-0.35	-0.48	-0.49	0.66174	0.94270	-0.11	-0.09	0.38	-0.38	0.15	-0.18	-0.28											
RPneg_409.14197_9.782	RP	neg	9.782	409.1420			4		0.33489	0.65822	-0.28	-0.13	-0.27	-0.24	0.30	-0.49	0.59912	0.92780	0.16	0.06	-0.31	-0.30	0.45	0.08	1.06											
RPneg_409.14758_8.457	RP	neg	8.457	409.1476			4		0.21145	0.55416	-0.35	-0.31	0.35	-0.23	-0.03	0.06	0.91748	0.98820	0.03	0.35	0.19	-0.58	-0.19	0.44	-0.64											
RPneg_409.15765_13.186	RP	neg	13.186	409.1577			4		0.24901	0.58845	-0.33	0.55	-0.36	-0.32	0.10	0.17	0.34022	0.82596	-0.21	0.05	-0.24	-0.23	-0.12	-0.39	0.04											
RPpos_409.1607_9.77	RP	pos	9.77	409.1607			4		0.72274	0.88677	0.16	0.07	0.04	0.33	0.37	0.22	0.05551	0.46528	-0.10	-0.10	-0.22	-0.25	-0.02	-0.07	0.19											
RPpos_409.1827_4.26	RP	pos	4.26	409.1827			4		0.60250	0.83031	-0.17	0.05	0.60	0.39	-0.48	0.26	0.19556	0.71015	-0.35	-0.13	-0.08	-0.61	0.31	-0.07	-0.95											
HILICpos_409.1828_0.62	HILIC	pos	0.62	409.1828			4		0.19940	0.54392	-0.37	-0.33	0.58	0.15	-0.28	-0.41	0.51123	0.90555	-0.30	-0.25	-0.19	-0.31	0.04	0.08	-0.62											
RPpos_409.1862_2.82	RP	pos	2.82	409.1862			4		0.06217	0.36921	-0.20	0.08	0.51	-0.11	-0.66	-0.64	0.60938	0.93014	0.08	0.07	0.14	0.18	0.22	-0.03	-0.33											
RPpos_409.1866_2.4	RP	pos	2.4	409.1866			4		0.09343	0.42290	0.21	0.14	0.53	-0.21	0.65	-0.56	0.76320	0.96312	0.01	-0.11	0.07	0.20	0.17	-0.13	-0.44											
RPneg_409.18927_10.919	RP	neg	10.919	409.1893			4		0.00438	0.13391	1.02	-0.08	0.58	0.89	2.01	0.02	0.67766	0.94718	-0.16	-0.40	0.20	-0.28	-0.15	-0.21	-0.10											
RPpos_409.1984_10.16	RP	pos	10.16	409.1984			4		0.61325	0.83488	0.20	0.48	0.50	0.08	0.42	0.07	0.30422	0.80438	-0.52	-0.34	0.18	-0.41	-0.22	-0.79	-0.09											
RPneg_409.2049_11.616	RP	neg	11.616	409.2049			4		0.00628	0.15550	1.50	0.19	0.35	0.73	3.18	-0.80	0.19680	0.71250	-0.14	0.44	-0.09	-0.18	-0.46	-0.15	-0.09											
HILICpos_409.2195_0.95	HILIC	pos	0.95	409.2195		no MS/MS	4		0.08759	0.41391	-0.58	-0.14	-0.04	-0.13	-0.12	-0.28	0.61035	0.93036	0.00	-0.13	-0.03	-0.13	-0.36	0.34	0.17											
RPneg_409.2225_7.52	RP	neg	7.52	409.2225		no MS/MS	4		0.00002	0.00860	3.06	0.10	2.97	3.80	5.62	-0.34	0.00000	0.00000	3.52	0.07	1.72	4.17	4.90	3.89	0.22											
RPneg_409.22256_6.594	RP	neg	6.594	409.2226		no MS/MS	4		0.00445	0.13465	1.12	0.14	1.12	1.25	2.88	-0.24	0.00026	0.02341	1.45	0.36	0.63	1.22	2.54	2.29	0.08											
RPneg_409.22263_6.855	RP	neg	6.855	409.2226		no MS/MS	4		0.00004	0.01118	1.50	0.12	1.41	1.63	2.87	0.37	0.00000	0.00000	1.88	0.42	0.71	1.18	2.94	2.83	0.62											
RPneg_409.22281_7.743	RP	neg	7.743	409.2228		no MS/MS	4		0.00019	0.02619	1.70	0.18	2.13	2.20	2.87	0.12	0.00006	0.00823	1.87	-0.33	0.16	2.60	3.66	3.70	0.39											
RPneg_409.30688_10.482	RP	neg	10.482	409.3069			4		0.01650	0.23757	0.76	0.41	0.70	0.63	1.07	0.81	0.24911	0.76555	0.70	0.24	0.48	0.47	0.64	0.04	0.74											
RPneg_409.3681_11.322	RP	neg	11.322	409.3681			4		0.19585	0.54092	0.16	0.04	-0.21	0.18	0.62	0.22	0.38405	0.84923	-0.17	-0.13	-0.06	-0.19	0.17	-0.18	-0.48											
RPneg_409.36829_11.778	RP	neg	11.778	409.3683			4		0.07111	0.38635	0.61	1.08	0.56	0.61	1.44	0.51	0.35136	0.83176	0.16	0.17	0.74	-0.29	0.19	0.35	-0.15											
RPpos_409.7296_7.33	RP	pos	7.33	409.7296			4		0.74032	0.89561	-0.08	-0.40	0.31	-0.08	-0.08	0.70	0.99940	0.99966	-0.04	0.20	0.09	0.09	-0.40	-0.42	-0.02											
RPpos_409.7534_12.62	RP	pos	12.62	409.7534			4		0.78525	0.91572	-0.05	0.22	0.27	-0.09	0.17	0.03	0.67067	0.94557	-0.11	-0.21	0.08	0.12	0.00	-0.16	-0.26											
RPpos_409.755_12.51	RP	pos	12.51	409.7550			4		0.54285	0.79946	0.20	0.52	0.62	0.14	0.51	-0.10	0.90274	0.98582	-0.04	0.01	-0.34	0.13	0.18	0.17	-0.4											

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																	
									Area Under the Curve (AUC)						Baseline			IV-Ghrelin or Placebo				Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo				Area Under the Curve (AUC)				
															p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	
RPpos_414.3013_9.31	RP	pos	9.31	414.3013			4		0.00058	0.04612	0.52	0.07	0.73	0.54	0.80	1.17	0.19462	0.70890	0.60	-0.30	0.82	0.98	0.61	0.83	-0.47														
RPpos_414.3013_8.19	RP	pos	8.19	414.3013			4		0.07217	0.38890	0.32	0.00	0.98	0.36	0.45	0.31	0.17829	0.69310	0.22	-0.21	0.37	0.39	0.24	0.27	-0.29														
RPneg_414.30188_11.176	RP	neg	11.176	414.3018			4		0.20529	0.54932	0.25	0.27	0.32	0.15	0.23	0.83	0.59750	0.92780	-0.17	-0.22	-0.11	-0.19	-0.18	-0.18	-0.18														
HILICpos_414.3064_0.44	HILIC	pos	0.44	414.3064			4		0.26195	0.59447	-0.24	0.05	0.31	-0.08	-0.07	-0.27	0.75910	0.96233	-0.14	-0.06	-0.11	-0.19	-0.02	-0.35	0.50														
RPneg_414.3226_10.381	RP	neg	10.381	414.3226			4		0.77971	0.92155	-0.08	-0.07	-0.16	0.22	0.09	-0.69	0.76900	0.96454	-0.06	-0.02	0.27	-0.26	-0.19	0.03	-0.03														
RPpos_414.3353_0.65	RP	pos	0.65	414.3353			4		0.38130	0.69515	0.13	0.16	0.81	0.61	0.17	0.44	0.51561	0.90792	-0.14	-0.04	-0.26	-0.21	-0.12	-0.28	-0.37														
RPpos_414.3364_6.51	RP	pos	6.51	414.3364			4		0.26691	0.60312	0.25	0.25	0.31	0.82	0.25	0.64	0.50701	0.90372	-0.25	-0.25	-0.23	-0.29	-0.19	-0.21	-0.26														
RPpos_414.7611_7.46	RP	pos	7.46	414.7611			4		0.42778	0.72875	-0.23	-0.23	0.36	-0.12	-0.35	0.46	0.88250	0.98281	-0.01	0.01	0.14	0.20	-0.05	-0.61	-0.08														
HILICpos_414.7613_0.63	HILIC	pos	0.63	414.7613			4		0.20126	0.54598	-0.32	-0.10	0.29	0.30	-0.70	0.62	0.19939	0.71508	-0.34	-0.95	-0.32	-0.30	0.28	-0.18	-0.28														
RPpos_414.7625_6.08	RP	pos	6.08	414.7625			4		0.34081	0.66312	-0.30	0.05	0.79	-0.32	-0.28	0.18	0.59835	0.92780	-0.15	-0.20	-0.11	0.16	0.04	-0.08	-0.51														
RPpos_414.7733_12.87	RP	pos	12.87	414.7733			4		0.32646	0.65174	-0.25	0.15	0.16	-0.22	-0.22	-0.09	0.74085	0.95992	-0.05	-0.23	-0.44	0.50	0.01	0.11	-0.23														
HILICneg_415.0532_1.99	HILIC	neg	1.99	415.0532			4		0.00562	0.14718	0.55	0.56	0.60	0.57	0.52	1.14	0.72225	0.95590	0.12	0.03	0.13	-0.01	0.04	0.34	0.55														
HILICpos_415.0547_5.1	HILIC	pos	5.1	415.0547			4		0.45887	0.75033	0.21	0.08	1.15	0.55	0.40	-0.10	0.05286	0.45640	0.57	-0.89	0.46	0.41	1.74	0.19	1.33														
RPneg_415.09631_10.923	RP	neg	10.923	415.0963			4		0.04494	0.33540	0.58	-0.06	0.48	0.66	1.16	0.02	0.98798	0.99810	-0.10	-0.32	-0.01	0.02	-0.01	-0.30	-0.02														
RPneg_415.11447_11.194	RP	neg	11.194	415.1145			4		0.00225	0.09636	1.29	0.06	0.63	1.24	2.44	-0.31	0.57747	0.92307	-0.14	-0.31	0.16	-0.32	-0.05	-0.18	0.01														
RPpos_415.1514_7.07	RP	pos	7.07	415.1514			4		0.06606	0.37817	-0.32	-0.22	0.61	-0.11	-0.57	0.17	0.74993	0.96166	-0.23	-0.25	-0.06	-0.54	0.37	-0.11	-0.18														
RPneg_415.19382_7.308	RP	neg	7.308	415.1938			4		0.48076	0.76442	0.12	0.09	0.16	0.14	0.38	0.23	0.88568	0.98281	-0.08	-0.15	0.10	-0.05	-0.19	-0.06	-0.19														
RPneg_415.1962_7.511	RP	neg	7.511	415.1962			4		0.18010	0.52555	0.30	0.10	0.36	0.49	0.70	0.30	0.40981	0.86241	0.11	-0.30	-0.24	0.27	0.28	0.31	0.20														
HILICneg_415.1964_1.9	HILIC	neg	1.9	415.1964			4		0.93008	0.97497	0.06	0.14	0.09	0.33	0.20	-0.09	0.63466	0.93546	-0.14	-0.32	0.02	-0.26	0.07	-0.03	-0.03														
HILICpos_415.2112_0.4	HILIC	pos	0.4	415.2112			4		0.53672	0.79698	0.18	0.65	0.08	0.07	0.30	0.31	0.02071	0.30441	-0.60	-0.48	-0.09	-0.39	0.81	0.06	-0.69														
RPpos_415.212_8.56	RP	pos	8.56	415.2120			4		0.73144	0.89098	0.10	0.88	0.09	-0.08	0.23	0.31	0.22158	0.73822	-0.28	-0.20	0.79	-0.17	-0.52	-0.21	-0.72														
RPneg_415.21326_9.538	RP	neg	9.538	415.2133			4		0.33961	0.66217	0.06	0.07	0.13	0.05	0.06	0.16	0.87453	0.98203	-0.04	-0.05	-0.03	-0.05	0.02	-0.08	-0.08														
RPneg_415.21457_7.726	RP	neg	7.726	415.2146			4		0.02686	0.28244	0.72	0.56	0.78	0.58	0.84	1.15	0.23808	0.75634	-0.34	-0.38	-0.35	-0.36	-0.34	-0.30	-0.33														
RPneg_415.21466_8.19	RP	neg	8.19	415.2147			4		0.89594	0.96217	0.03	0.09	0.16	-0.04	0.21	0.04	0.72291	0.95590	0.01	0.00	0.10	-0.16	0.14	-0.05	0.08														
RPneg_415.21588_8.401	RP	neg	8.401	415.2159			4		0.00187	0.08702	0.29	0.15	0.60	0.40	0.52	-0.05	0.90838	0.98698	-0.03	-0.22	-0.03	0.01	0.08	0.04	-0.18														
RPneg_415.21637_8.591	RP	neg	8.591	415.2164			4		0.00116	0.06905	0.58	0.42	0.97	0.66	0.70	0.37	0.35926	0.83448	0.08	-0.05	0.09	0.10	0.17	0.09	-0.03														
RPneg_415.23254_9.571	RP	neg	9.571	415.2325			4		0.78643	0.91612	-0.07	0.27	0.25	-0.11	0.25	0.02	0.99472	0.99920	0.00	-0.03	0.85	-0.27	0.27	-0.36	0.38														
HILICneg_415.2336_0.39	HILIC	neg	0.39	415.2336			4		0.44293	0.73893	0.22	0.04	0.54	0.11	1.11	-0.26	0.82583	0.97408	-0.10	-0.06	-0.08	-0.18	-0.04	-0.37	0.52														
RPneg_415.2341_6.647	RP	neg	6.647	415.2341			4		0.36480	0.68237	-0.03	0.01	0.01	-0.02	-0.03	0.46	0.05351	0.45847	-0.05	0.04	-0.07	-0.08	-0.09	-0.04	-0.05														
RPpos_415.2372_10.78	RP	pos	10.78	415.2372			4		0.88680	0.95850	-0.04	0.43	0.43	0.86	0.40	-0.28	0.15585	0.66228	0.10	0.41	0.17	0.13	0.06	0.32	0.03														
RPpos_415.2538_4.54	RP	pos	4.54	415.2538			4		0.44130	0.73821	-0.24	-0.03	0.87	-0.21	-0.21	0.09	0.00112	0.06122	-0.66	-0.27	-0.33	-0.60	-0.10	-0.24	-0.57														
RPpos_415.254_4.38	RP	pos	4.38	415.2540			4		0.18132	0.52707	-0.39	-0.18	0.37	0.09	-0.34	0.07	0.23447	0.76898	-0.29	-0.33	-0.13	-0.34	-0.03	-0.10	-0.50														
RPpos_415.2543_6.6	RP	pos	6.6	415.2543			4		0.57497	0.81611	-0.16	-0.31	0.38	-0.12	-0.17	0.34	0.98950	0.99810	-0.02	0.02	0.09	0.17	-0.02	-0.68	-0.10														
RPpos_415.2684_7.49	RP	pos	7.49	415.2684			4		0.54431	0.80046	-0.20	0.11	0.99	-0.27	-0.26	0.64	0.20684	0.73261	-0.36	-0.27	-0.10	-0.32	-0.11	-0.44	-0.42														
HILICpos_415.2693_0.51	HILIC	pos	0.51	415.2693			4		0.14554	0.48636	-0.44	-0.28	0.82	-0.43	-0.82	0.23	0.82805																						

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)															IV-Alcohol clamp (IV-AC)																																				
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0																										
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d																						
HILICpos_421.2226_0.47		pos	0.47				4		0.74138	0.89645	-0.14	-0.37	0.51	-0.06	-0.23	0.34	0.82199	0.97319	0.06	-0.39	0.05	0.11	0.38	0.20	-0.29	0.46990	0.75709	-0.22	-0.31	0.91	-0.12	-0.15	0.28	0.40281	0.85869	-0.31	-0.21	-0.09	-0.25	-0.02	-0.52	-0.51	0.56842	0.81331	-0.16	-0.24	0.51	-0.10	-0.31	0.56	0.98674	0.99797	-0.05	0.06	0.17	0.11	-0.09	-0.69	-0.20	
RPpos_421.2275_7.05		pos	7.05				4		0.94918	0.98121	-0.04	0.33	0.36	0.37	-0.09	1.01	0.98183	0.99752	-0.04	0.01	0.11	0.03	0.14	-0.62	-0.31	0.00061	0.05719	0.54	0.89	1.80	1.94	1.16	2.32	0.18735	0.70226	0.62	0.14	0.10	0.82	0.99	0.59	0.67	0.03	0.05886	0.36899	0.45	-0.05	0.34	0.59	-0.09	0.27	0.26323	0.17344	-0.15	-0.01	-0.23	0.12	0.12	0.02	-0.08
RPneg_421.29529_10.324		neg	10.324				4		0.85029	0.94370	0.04	-0.23	0.66	0.09	0.23	0.15	0.09721	0.56769	0.28	0.09	0.48	0.64	0.49	-0.22	-0.44	0.12205	0.45740	0.51	0.05	0.40	0.69	1.29	-0.36	0.20269	0.71882	-0.18	-0.64	0.00	0.36	-0.07	-0.08	-0.09																		
RPneg_422.1272_6.353		neg	6.353				4		0.35926	0.67782	-0.22	-0.10	0.02	-0.13	-0.05	-0.55	0.01090	0.22207	2.14	2.14	2.31	2.22	2.12	1.75	1.61	0.06612	0.37830	0.62	0.18	0.23	0.11	2.07	0.37	0.64932	0.93916	0.14	-0.12	1.30	-0.20	-0.16	0.32	0.21																		
RPneg_422.13126_10.873		neg	10.873				4		0.00042	0.03749	1.44	-0.10	0.67	0.85	2.64	-0.04	0.95374	0.99401	-0.05	0.04	0.36	-0.19	-0.09	-0.15	-0.09	0.99149	0.99721	-0.01	1.92	1.14	0.01	-0.25	0.40	0.04695	0.43342	-0.30	-0.34	0.03	-0.16	0.19	-0.34	-0.47																		
RPneg_422.13962_10.665		neg	10.665				4		0.00040	0.03646	0.53	0.18	0.45	0.69	1.35	-0.50	0.07021	0.50745	0.48	-0.04	-0.02	0.35	0.88	1.08	-0.16	0.50414	0.77877	-0.24	0.44	0.19	0.04	0.45	-0.19	0.40214	0.85869	-0.20	0.94	-0.04	0.23	-0.08	-0.69	-0.75																		
RPneg_422.15198_14.171		neg	14.171				4		0.78728	0.91650	0.06	0.41	1.08	-0.17	0.42	-0.25	0.61798	0.93244	0.06	0.84	-0.09	0.09	0.36	-0.37	-0.40	0.90899	0.96628	0.03	0.17	0.43	-0.12	0.31	-0.11	0.00006	0.00880	0.52	0.36	0.36	0.57	0.59	0.57	-0.18																		
RPneg_422.18109_6.658		neg	6.658				4		0.92400	0.97276	0.04	0.01	0.60	0.61	0.21	0.09	0.01356	0.24890	0.80	0.66	1.35	0.29	0.92	0.00	-0.35	0.00042	0.03749	1.44	-0.10	0.67	0.85	2.64	-0.04	0.95374	0.99401	-0.05	0.04	0.36	-0.19	-0.09	-0.15	-0.09																		
RPneg_422.18189_6.658		neg	6.658				4		0.70559	0.87968	-0.15	0.01	1.04	-0.17	-0.07	0.73	0.27574	0.78622	-0.32	-0.35	-0.09	-0.23	-0.06	-0.39	-0.41	0.99149	0.99721	-0.01	1.92	1.14	0.01	-0.25	0.40	0.04695	0.43342	-0.30	-0.34	0.03	-0.16	0.19	-0.34	-0.47																		
RPpos_422.1842_7.45		pos	7.45				4		0.46284	0.75269	-0.24	-0.15	0.09	-0.10	-0.16	0.86	0.45197	0.88294	-0.33	-0.14	0.10	-0.37	-0.27	-0.36	0.00040	0.03646	0.53	0.18	0.45	0.69	1.35	-0.50	0.07021	0.50745	0.48	-0.04	-0.02	0.35	0.88	1.08	-0.16																			
HILICpos_422.2024_1.37		pos	1.37				4		0.50414	0.77877	-0.24	0.44	0.19	0.04	0.45	-0.19	0.40214	0.85869	-0.20	0.94	-0.04	0.23	-0.08	-0.69	-0.75	0.78728	0.91650	0.06	0.41	1.08	-0.17	0.42	-0.25	0.61798	0.93244	0.06	0.84	-0.09	0.09	0.36	-0.37	-0.40																		
HILICneg_422.2185_4.33		neg	4.33				4		0.90899	0.96628	0.03	0.17	0.43	-0.12	0.31	-0.11	0.00006	0.00880	0.52	0.36	0.36	0.57	0.59	0.57	-0.18	0.92400	0.97276	0.04	0.01	0.60	0.61	0.21	0.09	0.01356	0.24890	0.80	0.66	1.35	0.29	0.92	0.00	-0.35																		
HILICpos_422.2382_1.34		pos	1.34				4		0.70559	0.87968	-0.15	0.01	1.04	-0.17	-0.07	0.73	0.27574	0.78622	-0.32	-0.35	-0.09	-0.23	-0.06	-0.39	-0.41	0.00042	0.03749	1.44	-0.10	0.67	0.85	2.64	-0.04	0.95374	0.99401	-0.05	0.04	0.36	-0.19	-0.09	-0.15	-0.09																		
RPpos_422.2774_7.49		pos	7.49				4		0.46284	0.75269	-0.24	-0.15	0.09	-0.10	-0.16	0.86	0.45197	0.88294	-0.33	-0.14	0.10	-0.37	-0.27	-0.36	0.99149	0.99721	-0.01	1.92	1.14	0.01	-0.25	0.40	0.04695	0.43342	-0.30	-0.34	0.03	-0.16	0.19	-0.34	-0.47																			
RPpos_422.2858_7.32		pos	7.32				4		0.46093	0.75153	0.23	0.52	0.72	0.17	0.48	0.22	0.01045	0.21743	-1.25	-0.80	0.15	-0.87	-0.34	-0.24	-0.52	0.00040	0.03646	0.53	0.18	0.45	0.69	1.35	-0.50	0.07021	0.50745	0.48	-0.04	-0.02	0.35	0.88	1.08	-0.16																		
RPpos_422.2907_6.63		pos	6.63				4		0.67937	0.86674	-0.13	0.19	0.12	0.04	0.06	-0.85	0.99787	0.99953	0.04	0.57	-0.09	0.16	-0.32	0.09	0.05	0.00042	0.03749	1.44	-0.10	0.67	0.85	2.64	-0.04	0.95374	0.99401	-0.05	0.04	0.36	-0.19	-0.09	-0.15	-0.09																		
RPpos_422.2946_11.58		pos	11.58				4		0.98800	0.99522	0.00	-0.12	0.26	-0.20	0.41	0.32	0.06456	0.49288	0.33	0.12	0.35	0.72	-0.08	-0.01	0.30	0.00042	0.03749	1.44	-0.10	0.67	0.85	2.64	-0.04	0.95374	0.99401	-0.05	0.04	0.36	-0.19	-0.09	-0.15	-0.09																		
HILICpos_422.325_0.62		pos	0.62				4		0.97922	0.99201	0.03	0.15	0.02	0.53	0.62	-0.30	0.22135	0.73820	0.11	0.16	-0.05	0.05	0.10	0.39	-0.06	0.69242	0.87364	-0.06	-0.08	0.24	-0.17	0.29	0.40	0.01602	0.27117	0.48	0.15	0.56	0.65	0.28	0.29	0.10																		
RPpos_422.3258_8.9		pos	8.9				4		0.21399	0.55644	-0.33	0.08	0.04	-0.53	0.05	-0.14	0.36514	0.83811	-0.22	-0.21	-0.19	-0.16	-0.16	-0.24	-0.30	0.21399	0.55644	-0.33	0.08	0.04	-0.53	0.05	-0.14	0.36514	0.83811	-0.22	-0.21	-0.19	-0.16	-0.16	-0.24	-0.30																		
RPpos_422.3258_8.9		pos	8.9				4		0.49950	0.77605	-0.25	0.26	0.05	-0.06	0.26	-0.50	0.77352	0.96458	0.10	-0.08	0.29	0.13	0.06	0.04	0.06	0.49950	0.77605	-0.25	0.26	0.05	-0.06	0.26	-0.50	0.77352	0.96458	0.10	-0.08	0.29	0.13	0.06	0.04	0.06																		
RPpos_422.7618_12.87		pos	12.87				4		0.89198	0.96066	-0.05	0.09	0.33	0.08	0.21	0.70	0.19194	0.70754	-0.03	-0.39	-0.12	0.14	0.03	0.29	-0.78	0.89198	0.96066	-0.05	0.09	0.33	0.08	0.21	0.70	0.19194	0.70754	-0.03	-0.39	-0.12	0.14	0.03	0.29	-0.78																		
RPpos_422.7624_12.65		pos	12.65				4		0.61453	0.83575	-0.07	-0.17	0.03	0.00	0.24	-0.24	0.19118	0.70643	0.40	0.17	0.48	0.70	0.43	0.33	-0.35	0.61453	0.83575	-0.07	-0.17	0.03	0.00	0.24	-0.24	0.19118	0.70643	0.40	0.17	0.48	0.70	0.43	0.33	-0.35																		
HILICneg_422.9519_5.41		neg	5.41				4		0.05441	0.35528	-0.38	0.19	0.31	0.08	-0.75	-0.62	0.08970	0.55338	-0.66	0.00	-1.08	-0.12	-0.68	-0.74	-0.13	0.05441	0.35528	-0.38	0.19	0.31	0.08	-0.75	-0.62	0.08970	0.55338	-0.66	0.00	-1.08	-0.12	-0.68	-0.74	-0.13																		
HILICpos_423.0288_6.785		pos	6.785				4		0.89619	0.96218	-0.01	-0.04	0.06	-0.07	0.30	-0.16	0.19046	0.70588	0.23	-0.07	0.22	0.38	0.20	0.39	0.35	0.89619	0.96218	-0.01	-0.04	0.06	-0.07	0.30	-0.16	0.19046	0.70588	0.23	-0.07	0.22	0.38	0.20	0.39	0.35																		
HILICneg_423.0195_4.21		neg	4.21				4		0.17624	0.52172	-0.45	-0.02	0.25	-0.24	0.20	0.08	0.33886	0.82264	-0.15	0.17	-0.11	-0.22	-0.01	-0.68	-0.43	0.17624	0.52172	-0.45	-0.02	0.25	-0.24	0.20	0.08	0.33886	0.82264	-0.15	0.17	-0.11	-0.22	-0.01	-0.68	-0.43																		
RPneg_423.039_6.111		neg	6.111				4		0.23035	0.57184	-0.40	0.42	0.50	-0.08	-0.08	-0.21	0.70486	0.95242	-0.13	0.36	-0.04	0.13	0.23	-0.60	-0.88	0.23035	0.57184	-0.40	0.42	0.50	-0.08	-0.08	-0.21	0.70486	0.95242	-0.13	0.36	-0.04	0.13	0.23	-0.60	-0.88																		
RPneg_423.10223_7.607		neg	7.607				4		0.26902	0.60509	0.42	0.64	0.60	0.39	0.52	-0.23	0.38014	0.84666	0.80	0.83	1.12	0.85	0.44	0.44	0.24	0.26902	0.60509	0.42	0.64	0.60	0.39	0.52	-0.23	0.38014	0.84666	0.80	0.83	1.12	0.85	0.44	0.44	0.24																		
RPneg_423.10274_7.467		neg	7.467				4		0.96995	0.98857	-0.03	0.03	-0.05	0.06	0.05	-0.12	0.70445	0.95228	-0.09	-0.11	-0.06	-0.04	-0.12	-0.10	-0.18	0.96995	0.98857	-0.03	0.03	-0.05	0.06	0.05	-0.12	0.70445	0.95228	-0.09	-0.11	-0.06	-0.04	-0.12	-0.10	-0.18																		
RPneg_423.12067_7.279		neg	7.279				4		0.31185	0.63989	0.32	0.06	0.61	0.45	0.66	0.23	0.95349	0.99401	0.00	-0.10	0.01	0.07	0.32	0.17	-0.20	0.31185	0.63989	0.32	0.06	0.61	0.45	0.66	0.23	0.95349	0.9940																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)										
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAC=0	Baseline		IV-Ghrelin or Placebo		BrAC=0	Baseline		IV-AC		Post-AC	Baseline		IV-AC		Post-AC	BrAC=0
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	p	q	d	d	d
RPneg_425.36469_11.319	RP	neg	11.319	425.3647			4		0.61719	0.83727	0.06	0.06	-0.02	0.29	0.29	0.20	0.14220	0.64464	-0.25	-0.30	-0.29	-0.23	-0.21	-0.21	0.01				
RPpos_425.447_12.06	RP	pos	12.06	425.4470			4		0.86847	0.95065	0.06	0.46	0.14	0.14	0.11	-0.68	0.40230	0.85869	-0.02	0.81	-0.02	0.08	-0.54	0.05	-0.02				
RPpos_425.7532_6.08	RP	pos	6.08	425.7532			4		0.62120	0.83908	-0.18	0.03	0.89	-0.19	-0.09	0.37	0.60739	0.92943	-0.12	-0.13	-0.13	0.15	-0.09	-0.07	-0.34				
HILICpos_425.9878_7.36	HILIC	pos	7.36	425.9878			4		0.62298	0.83999	-0.20	0.35	0.13	-0.43	0.01	0.63	0.95506	0.99428	0.04	1.20	0.03	0.07	-0.19	0.06	-0.19				
RPneg_426.15933_6.756	RP	neg	6.756	426.1593			4		0.10486	0.43784	-0.26	-0.23	-0.07	-0.18	-0.14	-0.16	0.00199	0.08652	1.33	1.31	1.52	1.15	1.37	1.16	1.48				
RPneg_426.16064_6.864	RP	neg	6.864	426.1606			4		0.19218	0.53754	-0.04	-0.09	0.17	-0.25	-0.45	-0.45	0.05648	0.49811	0.69	0.68	0.77	0.68	0.67	0.62	0.42				
RPneg_426.17126_11.193	RP	neg	11.193	426.1713			4		0.00334	0.11913	1.17	-0.01	0.59	1.30	2.57	-0.46	0.86867	0.98025	-0.05	-0.17	0.30	-0.23	-0.03	-0.15	0.01				
RPneg_426.20837_11.787	RP	neg	11.787	426.2084			4		0.04754	0.34084	-0.25	-0.20	-0.17	0.24	-0.18	-0.04	0.90256	0.98582	0.02	0.09	-0.49	-0.13	0.35	0.17	0.88				
RPneg_426.21262_7.742	RP	neg	7.742	426.2126		no MSMS	4		0.00006	0.01371	1.81	0.19	2.35	1.98	2.90	0.11	0.00019	0.01968	1.45	-0.16	0.12	1.93	2.73	2.51	0.73				
RPpos_426.2643_7.13	RP	pos	7.13	426.2643			4		0.61404	0.83555	-0.12	0.44	0.35	0.14	-0.22	0.84	0.81526	0.97182	0.04	-0.14	0.17	0.06	0.41	-0.57	-0.21				
RPneg_426.26508_9.105	RP	neg	9.105	426.2651			4		0.36416	0.68205	0.14	0.07	0.27	0.22	0.39	0.23	0.63678	0.93602	0.31	0.07	0.41	0.47	0.27	0.31	0.04				
RPneg_426.26541_8.961	RP	neg	8.961	426.2654			4		0.77485	0.91117	0.07	0.00	0.33	0.32	0.15	0.16	0.03271	0.37228	0.87	-0.03	1.07	0.90	0.20	1.20	-0.28				
RPneg_426.30069_10.846	RP	neg	10.846	426.3007			4		0.80502	0.92503	0.05	-0.20	0.24	-0.06	0.48	-0.18	0.00000	0.00013	0.99	0.47	0.62	0.99	1.20	1.43	0.61				
HILICpos_426.3056_0.41	HILIC	pos	0.41	426.3056			4		0.81803	0.93068	-0.02	0.19	0.29	0.11	0.19	-0.10	0.39433	0.85426	-0.38	-0.16	0.02	-0.42	-0.58	-0.49	0.32				
RPpos_426.3066_8.03	RP	pos	8.03	426.3066			4		0.19360	0.53912	-0.34	0.42	-1.59	0.01	0.31	0.19	0.95904	0.99539	-0.02	-0.03	-0.03	-3.30	0.22	0.46	-0.07				
RPpos_426.3206_9.22	RP	pos	9.22	426.3206			4		0.12507	0.46079	-0.37	-0.04	-0.30	-0.36	-0.28	-0.58	0.01417	0.25391	0.47	0.04	0.34	0.56	0.63	0.59	0.44				
HILICpos_426.3569_0.61	HILIC	pos	0.61	426.3569			4		0.67313	0.86385	-0.14	-0.14	0.16	0.01	0.12	-0.08	0.03542	0.38421	0.28	0.23	-0.06	0.57	0.31	0.30	-0.10				
HILICneg_426.3236_4.33	HILIC	neg	4.33	426.3236			4		0.92475	0.97276	0.00	0.45	0.33	-0.02	0.12	0.06	0.05999	0.48016	0.28	0.43	0.26	0.08	0.41	0.12	0.12				
HILICneg_426.9682_0.47	HILIC	neg	0.47	426.9682			4		0.18937	0.53580	-0.29	-0.09	0.06	-0.13	0.25	-0.49	0.04851	0.43985	0.34	0.47	0.38	0.44	0.40	0.29	0.10				
HILICneg_427.0298_0.88	HILIC	neg	0.88	427.0298			4		0.03337	0.29799	0.33	0.20	0.06	0.38	0.24	0.41	0.43211	0.86996	0.31	0.44	-0.14	0.43	0.96	0.30	-0.11				
RPneg_427.11142_6.971	RP	neg	6.971	427.1114			4		0.54699	0.80208	0.37	0.78	0.50	0.04	0.77	-0.06	0.21338	0.73018	0.74	0.47	0.67	1.38	0.40	1.05	0.01				
RPneg_427.11148_7.167	RP	neg	7.167	427.1115			4		0.47046	0.75742	0.39	0.64	0.56	0.24	0.77	-0.15	0.20827	0.72407	0.83	0.64	1.06	1.07	0.52	0.78	0.32				
HILICneg_427.1117_0.41	HILIC	neg	0.41	427.1117			4		0.82126	0.93204	0.27	0.70	0.40	0.06	0.52	0.34	0.08242	0.53478	0.68	0.36	0.68	0.90	0.46	0.70	0.04				
RPneg_427.13199_7.674	RP	neg	7.674	427.1320			4		0.52281	0.78923	-0.07	-0.07	0.05	-0.01	0.15	-0.22	0.52837	0.91029	0.19	0.07	0.24	0.23	0.21	0.12	0.18				
RPneg_427.13287_8.169	RP	neg	8.169	427.1329			4		0.41042	0.71573	-0.09	0.03	0.07	-0.06	0.00	0.03	0.61751	0.93244	0.00	-0.09	0.04	0.00	-0.01	-0.01	0.09				
RPneg_427.14246_10.666	RP	neg	10.666	427.1425			4		0.00084	0.05802	1.23	-0.05	0.47	0.81	2.19	0.19	0.96211	0.99566	-0.04	-0.01	0.40	-0.20	-0.11	-0.08	-0.09				
RPneg_427.15717_10.85	RP	neg	10.85	427.1572			4		0.04775	0.34111	0.52	-0.10	0.14	0.06	1.56	-0.10	0.42179	0.86946	0.23	0.03	0.63	0.30	0.19	0.27	-0.16				
RPneg_427.15976_13.191	RP	neg	13.191	427.1598			4		0.29488	0.62651	-0.32	0.19	-0.39	-0.15	0.33	-0.04	0.14365	0.64563	-0.22	0.10	-0.12	-0.55	-0.47	-0.06	0.34				
RPneg_427.16089_6.235	RP	neg	6.235	427.1609			4		0.05772	0.36207	0.64	0.41	0.72	0.56	0.55	2.84	0.69778	0.95114	-0.12	-0.11	-0.15	-0.11	-0.10	-0.11	-0.07				
HILICpos_427.1726_5.64	HILIC	pos	5.64	427.1726			4		0.82776	0.93484	0.01	-0.05	0.66	0.64	0.10	-0.92	0.00079	0.04880	0.61	0.60	0.39	1.05	0.51	0.45	-0.32				
HILICpos_427.1735_5.92	HILIC	pos	5.92	427.1735			4		0.50402	0.77865	-0.12	0.28	0.47	0.15	-0.22	-0.29	0.05225	0.45459	0.66	0.48	0.56	0.71	0.96	0.61	-0.55				
HILICpos_427.1777_5.8	HILIC	pos	5.8	427.1777			4		0.70415	0.87908	0.15	0.65	0.80	0.13	0.30	-0.11	0.05159	0.45272	0.39	1.43	1.34	1.86	0.97	1.16	-0.51				
RPneg_427.1804_7.014	RP	neg	7.014	427.1804			4		0.98514	0.99446	0.09	0.01	0.04	0.23	0.05	0.07	0.04327	0.99197	-0.09	-0.17	-0.11	0.12	-0.10	-0.03	-0.08				
RPneg_427.18042_6.656	RP	neg	6.656	427.1804			4		0.01660	0.23812	0.29	0.04	0.38	0.31	0.73	0.43	0.00034	0.02862	0.35	0.17	0.04	0.48	0.66	0.52	-0.14				
RPneg_427.19638_5.241	RP	neg	5.241	427.1964			4		0.00479	0.13767	0.67	0.51	0.92	1.17	0.41	-0.55	0.14204	0.64445	0.40	0.06	0.22	0.42	0.66	0.39	-0.01				
RPneg_427.19669_5.117	RP	neg	5.117	427.1967			4		0.00167	0.08275	0.41	0.28	0.83	0.69	0.17	-0.48	0.18991	0.70521	0.35	-0.02	0.24	0.53	0.46	0.41	-0.13				
RPneg_427.19705_7.398	RP	neg	7.398	427.1971			4		0.45603	0.74814	0.32	0.28	0.64	0.42	0.60	0.13	0.16406	0.67450	0.18	-0.34	0.16	0.26	0.27	0.16	0.04				
RPneg_427.21545_8.102	RP	neg	8.102	427.2155			4		0.65971	0.85748	-0.01	0.03	0.05	0.11	0.12	0.02	0.36657	0.83871	0.08	0.09	0.11	0.08	0.13	0.07	0.03				
RPneg_427.21545_8.64	RP	neg	8.64	427.2155			4		0.58590	0.82164	0.09	0.12	0.09	0.06	0.28	0.20	0.56020	0.91988	0.01	0.07	0.02	0.05	0.04	-0.05	0.09				
RPneg_427.21555_9.016	RP	neg	9.016	427.2156			4		0.12586	0.46178	0.20	0.28	0.27	0.14	0.39	0.26	0.29492	0.79846	0.08	-0.05	0.13	0.10	0.18	0.01	0.13				
RPneg_427.21576_7.609	RP	neg	7.609	427.2158			4		0.10491	0.43795	-0.08	0.00	-0.01	-0.09	0.07	-0.05	0.37171	0.84150	0.04	0.07	0.09	0.01	0.09	0.04	0.05				
RPneg_427.21616_12.051	RP	neg	12.051	427.2162			4		0.83176	0.93468	0.07	0.59	0.01	0.44	0.00	-0.88	0.77091	0.96458	-0.10	-0.04	-0.33	-0.44	-0.13	0.10	0.87				
RPneg_427.21725_4.534	RP	neg	4.534	427.2173			4		0.36051	0.67893	0.35	-0.05	1.06	0.42	0.69	0.33	0.88190	0.98281	0.04	-0.20	0.05	0.02	0.37	-0.14	-0.06				
HILICneg_427.2174_1.84	HILIC	neg	1.84	427.2174			4																						

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline		IV-Ghrelin or Placebo			Baseline		IV-Ghrelin or Placebo			Baseline		IV-Ghrelin or Placebo			Baseline		IV-Ghrelin or Placebo		
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_432.16058_10.882	RP	neg	10.882	432.1606			4		0.23209	0.64910	-0.25	0.04	-0.11	-0.39	1.12	-0.06	0.95467	0.99409	-0.03	-0.18	0.27	-0.37	-0.06	-0.03	0.13			
RPneg_432.18188_11.1	RP	neg	11.1	432.1819			4		0.45989	0.75068	-0.24	-0.16	-0.21	0.64	1.28	-0.14	0.97407	0.99690	0.01	0.24	0.00	-0.48	-0.01	0.15	0.59			
RPpos_432.2744_11.52	RP	pos	11.52	432.2744			4		0.60909	0.83311	-0.14	-0.14	0.38	0.37	-0.01	0.57	0.19945	0.71508	-0.42	-0.01	-0.75	-1.08	0.20	0.16	-0.59			
HILICpos_432.2792_0.62	HILIC	pos	0.62	432.2792			4		0.13951	0.47913	-0.40	-0.34	0.33	0.17	-0.44	0.01	0.06489	0.49314	-0.46	-0.33	-0.30	-0.48	-0.21	-0.13	-0.25			
RPpos_432.2799_4.38	RP	pos	4.38	432.2799			4		0.28536	0.46	-0.35	-0.16	0.46	0.04	-0.49	0.36	0.05705	0.49261	-0.54	-0.40	-0.17	-0.37	-0.25	-0.45	-0.65			
RPpos_432.2802_4.54	RP	pos	4.54	432.2802			4		0.29953	0.62890	-0.34	0.01	0.83	-0.36	-0.17	-0.05	0.02813	0.49	-0.49	-0.25	0.24	-0.62	0.01	-0.01	-0.65			
RPpos_432.296_9.81	RP	pos	9.81	432.2960			4		0.44533	0.74083	0.25	0.62	0.46	0.24	0.62	-0.14	0.09855	0.56978	-1.09	-0.22	-0.09	1.12	-0.94	-1.13	0.23			
RPneg_432.29666_8.387	RP	neg	8.387	432.2967			4		0.45388	0.74651	0.24	0.32	0.29	0.20	0.79	0.15	0.17998	0.69487	0.28	0.17	0.47	0.01	0.19	0.54	0.33			
HILICpos_432.3098_1.01	HILIC	pos	1.01	432.3098			4		0.00044	0.03834	0.80	0.12	0.99	1.01	1.28	1.31	0.00022	0.02102	0.51	-0.25	0.70	1.06	0.50	0.51	-0.50			
RPpos_432.3106_8.19	RP	pos	8.19	432.3106			4		0.05612	0.35868	0.33	0.02	0.95	0.38	0.50	0.29	0.18821	0.70327	0.21	-0.22	0.37	0.38	0.23	0.25	-0.30			
RPpos_432.3107_8.53	RP	pos	8.53	432.3107			4		0.00002	0.00685	0.67	0.44	1.29	0.66	0.71	0.54	0.13326	0.63021	1.17	0.63	1.19	1.23	1.46	1.24	0.03			
RPpos_432.3107_9.31	RP	pos	9.31	432.3107			4		0.00035	0.03477	0.56	0.08	0.71	0.63	0.87	1.21	0.18246	0.69799	0.61	-0.30	0.83	1.01	0.62	0.81	-0.47			
RPpos_432.3107_9.17	RP	pos	9.17	432.3107	fragment of chenodeoxycholic acid glycine conjugate	414.2991 (100), 339.2708 (30), 76.0398 (30), 321.2594 (25), 158.0810 (20), 201.1648 (15), 175.1492 (15), 215.1787 (15), 432.3123 (5)	4		0.00057	0.04533	0.81	0.09	1.16	0.92	1.21	1.08	0.00001	0.00229	0.45	-0.23	0.66	0.90	0.41	0.40	-0.41			
RPpos_432.3108_8.74	RP	pos	8.74	432.3108			4		0.12365	0.45914	0.09	-0.02	0.21	0.11	0.15	0.09	0.76706	0.96401	0.01	-0.05	-0.09	-0.04	0.08	0.13	0.08			
HILICneg_432.3112_0.63	HILIC	neg	0.63	432.3112			4		0.00032	0.03385	1.43	1.26	1.64	1.93	0.26	4.45	0.01773	0.28470	1.73	0.60	2.56	2.29	1.59	0.67	-0.13			
RPpos_432.3114_9	RP	pos	9	432.3114			4		0.39508	0.70478	0.05	0.06	0.27	-0.06	0.22	0.40	0.99946	0.99966	-0.05	-0.05	0.02	-0.19	-0.12	0.10	-0.10			
RPpos_432.3225_10.16	RP	pos	10.16	432.3225			4		0.39467	0.70449	0.27	0.62	0.64	0.08	0.53	0.04	0.26562	0.77769	-0.51	-0.04	-0.20	-0.53	-0.27	-0.88	0.07			
RPpos_432.7569_13.09	RP	pos	13.09	432.7569			4		0.66047	0.85781	0.03	0.26	0.15	0.19	-0.04	0.41	0.85201	0.77668	0.03	-0.15	0.09	0.07	0.28	0.27	-0.40			
HILICneg_432.7927_1.45	HILIC	neg	1.45	432.7927			4		0.58896	0.82342	-0.11	-0.17	-0.38	0.01	0.22	0.24	0.02325	0.32151	-0.35	-0.40	-0.39	-0.58	-0.20	-0.27	-0.06			
HILICneg_432.8569_3.14	HILIC	neg	3.14	432.8569			4		0.07709	0.39823	-0.43	0.11	-0.36	-0.05	0.17	-0.59	0.38935	0.85129	-0.15	-0.47	-0.08	-0.24	-0.28	-0.27	0.40			
HILICpos_433.0747_5.8	HILIC	pos	5.8	433.0747			4		0.21418	0.55663	0.35	0.43	1.17	0.30	0.15	-0.58	0.02241	0.31659	1.34	1.04	1.39	1.67	1.23	0.67	0.40			
RPneg_433.15747_10.919	RP	neg	10.919	433.1575			4		0.00094	0.06221	1.30	0.02	0.76	1.19	2.18	0.28	0.97399	0.99690	-0.07	-0.24	0.28	0.00	-0.15	-0.33	-0.14			
RPneg_433.17059_11.196	RP	neg	11.196	433.1706			4		0.44123	0.73821	0.46	0.30	-0.16	1.19	1.22	-0.41	0.76502	0.96338	-0.05	-0.19	-0.30	0.36	-0.30	0.03	0.17			
RPneg_433.19095_10.875	RP	neg	10.875	433.1910			4		0.09895	0.42958	0.50	0.34	0.36	0.16	1.76	0.40	0.84736	0.97724	0.00	-0.24	0.80	-0.18	-0.35	0.11	0.19			
HILICpos_433.1996_0.54	HILIC	pos	0.54	433.1996			4		0.34046	0.66286	-0.18	-0.17	0.35	0.09	-0.36	0.13	0.48701	0.89768	-0.38	-0.14	-0.25	-0.59	0.20	-0.03	-0.46			
RPneg_433.20676_7.083	RP	neg	7.083	433.2068			4		0.04797	0.34175	0.58	0.09	1.35	0.96	0.02	-0.15	0.00885	0.20037	0.78	0.33	0.75	1.10	1.01	0.92	-0.10			
RPpos_433.2076_3.55	RP	pos	3.55	433.2076			4		0.22835	0.57010	-0.20	-0.03	-0.15	-0.23	-0.09	-0.58	0.38900	0.85116	-0.09	-0.11	-0.11	1.19	0.03	-0.03	-0.15			
RPneg_433.20801_7.013	RP	neg	7.013	433.2080			4		0.03544	0.30847	0.64	0.10	2.24	0.85	-0.17	0.20	0.00419	0.13397	1.09	0.37	1.25	2.17	1.23	0.61	-0.07			
RPpos_433.2097_10.78	RP	pos	10.78	433.2097			4		0.83206	0.93658	-0.06	0.16	0.42	0.67	0.39	-0.28	0.11784	0.60333	0.11	0.14	0.06	0.14	0.51	0.25	-0.07			
RPneg_433.21951_9.817	RP	neg	9.817	433.2195			4		0.68640	0.87067	0.19	0.45	0.48	-0.11	0.13	1.02	0.47577	0.89280	0.07	0.36	0.01	0.07	0.33	0.04	-0.06			
HILICneg_433.2200_0.8	HILIC	neg	0.8	433.2200			4		0.39094	0.70994	0.43	0.39	1.32	0.02	0.15	0.38	0.90276	0.98582	-0.04	0.33	-0.01	0.07	-0.17	-0.20	-0.03			
HILICneg_433.2222_0.59	HILIC	neg	0.59	433.2222			4		0.68400	0.86937	0.00	0.08	0.19	-0.02	-0.05	0.10	0.11686	0.60178	0.11	0.09	0.14	0.08	0.11	0.05	0.20			
RPneg_433.2236_9.381	RP	neg	9.381	433.2236			4		0.85493	0.94567	0.02	0.05	0.14	-0.02	0.04	0.00	0.05663	0.46911	0.13	0.14	0.13	0.17	0.13	0.10	0.14			
RPpos_433.2409_6.45	RP	pos	6.45	433.2409			4		0.75711	0.90397	-0.07	-0.25	0.37	-0.06	-0.07	0.27	0.99755	0.99953	-0.01	0.05	0.10	0.15	-0.02	-0.66	-0.12			
HILICneg_433.2583_0.39	HILIC	neg	0.39	433.2583			4		0.06119	0.36844	0.59	0.45	0.18	0.08	1.79	0.74	0.79346	0.96769	0.00	0.57	0.47	0.01	-0.10	-0.10	-0.22			
RPneg_433.25839_8.941	RP	neg	8.941	433.2584			4		0.00395	0.12877	-0.67	-0.36	-0.36	-0.11	-0.56	-0.23	0.06299	0.48778	-0.46	-0.37	-0.13	-0.54	-0.60	-0.52	-0.48			
RPneg_433.25928_11.062	RP	neg	11.062	433.2593			4		0.43711	0.73499	0.18	0.19	0.04	-0.18	0.89	1.16	0.81414	0.97171	-0.02	1.12	0.79	-0.05	-0.11	-0.10	-0.41			
RPpos_433.2625_7.61	RP	pos	7.61	433.2625			4		0.45325	0.74620	-0.24	-0.07	0.95	-0.44	-0.30	0.77	0.40943	0.86259	-0.25	-0.18	-0.04	-0.25	-0.16	-0.38	-0.17			
RPpos_433.2638_11.53	RP	pos	11.53	433.2638			4		0.96871	0.98830	-0.02	-0.51	0.65	-0.13	0.21	0.32	0.81732	0.97227	-0.09	-0.22	0.06	-0.04	0.53	-0.76	0.13			
RPneg_433.27957_8.925	RP	neg	8.925	433.2796			4		0.02691	0.28244	-0.11	0.17	0.14	0.24	-0.42	0.07	0.21585	0.73213	0.33	0.33	0.43	0.40	0.30	0.34	0.50			
RPneg_433.27988_9.233	RP	neg	9.233	433.2799			4		0.61840	0.83790	-0.13	0.49	0.08	-0.11	-0.05	-0.40	0.07908	0.52822	0.40	-0.34	-0.19	-0.12	0.66	0.56	0.27			
HILICneg_433.2805_1.8	HILIC	neg	1.8	433.2805			4		0.61610	0.83659	-0.05	0.17	0.16	-0.11	0.08	-0.18	0.11674	0.60178	0.35	0.04	0.17	0.34	0.81	0.40	0.36			
RPpos_433.2825_12.02	RP	pos	12.02	433.2825			4		0.24504	0.58613	-0.27	0.15	0.06	0.21	-0.08	-0.14	0.66426	0.94310	0.26	-0.18	-0.38	0.06	0.37	0.47	0.66			
HILICpos_433.3674_0.39	HILIC	pos	0.39	433.3674			4		0.69534	0.87498	-0.10	-0.03	-0.07	-0.20	0.28	0.45	0.17538	0.69013	-0.21	0.11	0.38	0.14	0.23	0.21	0.04			
RPpos_433.3689_11.837	RP	pos	11.837	433.3689			4		0.03414	0.22520	0.16	0.20	0.09	0.04	0.70	0.07	0.54830	0.91689	-0.18	0.18	-0.11	0.24	0.11	-0.19	-0.43			
RPpos_433.7836_10.87	RP	pos	10.87	433.7836			4		0.54975	0.80257	0.21	0.44	-0.05	-0.35	1.99	0.14	0.65836	0										

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			BrAC=0			Baseline			Post-LD			IV-AC			Post-AC			BrAC=0		
									p	q	d	d	d	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d
HILICpos_436.2165_0.39	HILIC	pos	0.39	436.2165		4		0.30500	0.63407	-0.36	0.07	-0.14	-0.10	0.33	0.23	0.35122	0.83176	-0.28	0.55	0.13	0.56	-0.29	-0.46	-0.36								
RPpos_436.2173_6.7	RP	pos	6.7	436.2173		4		0.51964	0.78761	-0.24	0.46	0.54	-0.01	0.38	0.07	0.73578	0.95858	-0.18	0.72	0.14	0.30	-0.14	-0.39	-0.73								
HILICpos_436.2181_1.64	HILIC	pos	1.64	436.2181		4		0.90618	0.96548	0.06	0.22	0.62	0.23	0.21	-0.19	0.00012	0.01377	1.19	0.66	1.02	1.39	1.38	0.89	-0.16								
HILICpos_436.2189_1.73	HILIC	pos	1.73	436.2183		4		0.78922	0.91753	0.10	0.11	0.70	0.00	0.38	0.08	0.00013	0.01459	0.91	0.89	0.88	0.95	1.67	0.43	-0.28								
RPpos_436.2322_7.73	RP	pos	7.73	436.2322		4		0.48023	0.77142	-0.21	-0.13	0.50	-0.21	-0.45	0.03	0.74044	0.95981	-0.15	-0.02	0.30	-0.67	0.36	-0.39	-0.06								
RPpos_436.2387_8.91	RP	pos	8.91	436.2387		4		0.90787	0.97591	-0.51	0.57	1.51	0.93	-0.01	-0.72	0.44453	0.87898	-0.11	0.27	0.46	0.84	0.46	-0.14	-0.09								
RPpos_436.2686_9.35	RP	pos	9.35	436.2686		4		0.86405	0.94932	-0.05	-0.26	0.86	0.37	0.09	0.34	0.51261	0.90638	-0.18	0.51	-0.22	-0.35	-0.16	0.03	-0.11								
RPpos_436.2691_8.53	RP	pos	8.53	436.2691		4		0.08040	0.40483	-0.37	-0.04	0.52	-0.10	-0.72	0.21	0.39113	0.85188	-0.48	0.03	-0.07	-0.86	0.05	-0.34	-0.19								
RPneg_436.2830_10.728	RP	neg	10.728	436.2830		4		0.02519	0.27448	-0.39	-0.08	-0.17	-0.46	-0.29	-0.11	0.83250	0.97501	0.15	0.17	0.17	0.22	0.32	0.02	-0.06								
HILICneg_436.2834_1.71	HILIC	neg	1.71	436.2834		4		0.01626	0.23634	-0.48	-0.15	-0.31	-0.43	-0.32	-0.36	0.69098	0.95008	0.29	0.39	0.33	0.51	0.28	0.16	-0.03								
RPneg_436.30603_9.381	RP	neg	9.381	436.3060		4		0.83843	0.93926	0.03	-0.04	0.24	0.09	0.06	-0.02	0.25354	0.76898	0.14	-0.01	-0.07	0.25	0.19	0.25	0.10								
HILICneg_436.7163_3.16	HILIC	neg	3.16	436.7163		4		0.48824	0.77009	-0.24	0.23	0.10	-0.06	-0.16	1.45	0.97220	0.99673	-0.01	0.03	-0.14	0.70	0.00	0.07	-0.69								
RPpos_436.7752_6.19	RP	pos	6.19	436.7752		4		0.25624	0.59435	-0.36	-0.07	0.72	-0.36	-0.35	0.11	0.70362	0.95228	0.08	-0.10	0.05	0.55	0.14	0.24	-0.55								
RPpos_436.7758_7.52	RP	pos	7.52	436.7758		4		0.52788	0.79204	-0.16	-0.17	0.66	-0.13	-0.30	0.34	0.89368	0.98445	-0.03	0.03	0.14	0.12	0.21	-0.65	-0.31								
RPpos_436.7771_13.6	RP	pos	13.6	436.7771		4		0.57587	0.81625	-0.15	0.22	-0.11	-0.17	-0.06	0.17	0.09437	0.56236	-0.31	-0.12	-0.47	-0.54	0.15	-0.30	-0.26								
HILICneg_436.943_0.48	HILIC	neg	0.48	436.9430		4		0.09897	0.42958	0.34	0.31	0.46	0.23	0.29	0.94	0.52398	0.90943	-0.32	-0.58	-0.22	-0.20	-0.29	-0.36	-0.29								
HILICneg_436.9538_4.33	HILIC	neg	4.33	436.9538		4		0.73709	0.89383	-0.01	0.06	0.16	0.18	0.13	0.26	0.06891	0.50310	0.27	0.37	0.17	0.36	0.54	0.03	-0.02								
RPneg_437.0536_6.576	RP	neg	6.576	437.0536		4		0.36855	0.68513	0.20	0.02	1.38	0.31	-0.13	-0.13	0.25700	0.77240	4.26	1.87	1.98	11.12	0.65	6.35	-0.50								
RPneg_437.05518_6.543	RP	neg	6.543	437.0552		4		0.03832	0.82053	0.10	0.20	0.19	0.10	0.38	-0.53	0.38656	0.85022	1.49	0.02	2.29	1.77	1.43	1.06	-0.07								
RPneg_437.08307_2.112	RP	neg	2.112	437.0831		4		0.86097	0.94799	0.06	0.20	0.26	0.11	0.21	-0.67	0.00026	0.02341	1.75	0.93	1.33	2.85	1.73	1.44	-0.07								
RPneg_437.10007_10.871	RP	neg	10.871	437.1001		4		0.02814	0.28685	0.50	0.38	0.60	0.23	1.33	0.06	0.94373	0.99197	-0.02	-0.32	0.62	-0.03	0.00	-0.23	-0.04								
RPneg_437.12772_7.503	RP	neg	7.503	437.1277		4		0.40926	0.71503	-0.15	0.01	0.19	0.09	-0.39	-0.04	0.23999	0.75656	-0.49	-0.67	-0.44	-0.40	-0.28	0.43	-0.08								
RPneg_437.16043_8.169	RP	neg	8.169	437.1604		4		0.40686	0.71314	-0.08	-0.06	0.03	-0.05	0.02	0.01	0.90965	0.98698	0.00	-0.03	0.00	-0.03	0.03	0.04	0.03								
RPneg_437.1611_8.756	RP	neg	8.756	437.1611		4		0.73161	0.89102	0.05	0.11	0.15	0.02	0.15	0.24	0.99291	0.99904	-0.06	-0.07	-0.08	-0.04	-0.05	-0.05	-0.05								
RPneg_437.16129_8.082	RP	neg	8.082	437.1613		4		0.20399	0.54850	0.09	0.06	0.13	0.07	0.12	0.37	0.58777	0.92615	0.08	-0.18	-0.14	-0.12	-0.11	1.19	-0.09								
RPneg_437.16159_7.67	RP	neg	7.67	437.1616		4		0.47775	0.76271	-0.06	0.01	0.10	-0.02	0.11	-0.13	0.56839	0.92089	0.18	0.16	0.17	0.17	0.20	0.19	0.20								
RPneg_437.16199_6.992	RP	neg	6.992	437.1620		4		0.02584	0.27992	-0.27	-0.02	-0.29	-0.39	-0.15	0.01	0.26980	0.78188	-0.25	-0.07	0.03	-0.19	-0.20	-0.30	-0.33								
RPpos_437.2346_4.54	RP	pos	4.54	437.2346		4		0.52866	0.79258	-0.21	-0.18	0.73	0.09	-0.08	0.06	0.12654	0.61763	-0.43	-0.16	-0.42	-0.43	0.13	0.04	-0.63								
HILICpos_437.2494_5.64	HILIC	pos	5.64	437.2494		4		0.33243	0.65636	-0.24	-0.10	0.34	0.07	0.08	-1.09	0.01267	0.24103	0.38	-0.22	0.20	1.22	0.48	0.03	0.12								
HILICpos_437.2818_0.51	HILIC	pos	0.51	437.2818		4		0.26936	0.60535	-0.32	-0.10	0.71	-0.39	-0.45	0.46	0.59227	0.92666	-0.22	-0.16	-0.01	-0.16	0.01	-0.36	-0.38								
RPneg_437.2829_7.55	RP	neg	7.55	437.2829		4		0.56749	0.81268	-0.19	0.02	1.05	-0.28	-0.26	0.75	0.30475	0.80494	-0.32	-0.29	-0.07	-0.31	-0.15	-0.26	-0.46								
RPneg_437.28452_10.89	RP	neg	10.89	437.2845		4		0.00539	0.14495	-0.64	-0.04	-0.27	0.36	1.52	-0.31	0.60567	0.92920	0.05	0.16	0.01	0.18	0.21	-0.13	-0.19								
RPneg_437.28479_13.056	RP	neg	13.056	437.2848		4		0.02793	0.84252	0.13	0.24	-0.38	0.71	0.19	-0.62	0.79020	0.98713	0.01	0.25	0.04	0.44	-0.34	-0.16	-0.29								
RPneg_437.28934_9.014	RP	neg	9.014	437.2893		4		0.02028	0.25830	0.79	0.63	1.11	0.61	0.57	2.26	0.47416	0.89262	-0.18	-0.26	-0.26	-0.23	-0.24	0.08	-0.10								
HILICneg_437.2895_0.47	HILIC	neg	0.47	437.2895		4		0.03600	0.31053	0.35	0.66	0.49	0.20	0.58	-0.11	0.03522	0.38399	0.76	-0.09	0.46	0.93	1.30	1.24	1.23								
RPneg_437.29004_9.765	RP	neg	9.765	437.2900		4		0.57268	0.81555	-0.19	0.45	-0.01	-0.20	-0.06	-0.59	0.01711	0.27946	1.44	0.13	0.76	1.80	2.65	2.48	1.07								
RPneg_437.2901_9.202	RP	neg	9.202	437.2901		4		0.01819	0.24592	0.32	0.58	0.44	0.23	0.37	0.26	0.71042	0.95280	-0.12	-0.46	-0.34	-0.26	0.01	0.17	1.06								
RPneg_437.29108_8.755	RP	neg	8.755	437.2911		4		0.37315	0.68884	0.10	0.24	0.21	0.11	0.21	0.05	0.29073	0.79516	-0.30	-0.31	-0.29	-0.30	-0.31	-0.31	-0.18								
RPneg_437.29123_9.102	RP	neg	9.102	437.2912		4		0.00026	0.03062	0.83	0.77	1.15	0.76	1.01	0.63	0.34998	0.83091	0.45	-0.12	0.39	0.69	0.53	0.66	0.44								
RPneg_437.29126_9.842	RP	neg	9.842	437.2913		4		0.03880	0.31745	0.38	0.60	0.50	0.28	0.55	0.25	0.09804	0.56888	0.69	-0.14	0.46	0.91	1.09	1.15	1.09								
RPneg_437.29129_9.49	RP	neg	9.49	437.2913		4		0.00195	0.08878	0.57	0.75	0.65	0.55	0.55	0.56	0.85413	0.97829	0.10	-0.32	0.20	0.11	0.16	0.26	-0.11								
RPneg_437.29138_8.875	RP	neg	8.875	437.2914		4		0.56283	0.81062	0.05	0.65	0.13	-0.01	0.10	-0.20	0.65404	0.94010	0.00	-0.22	-0.08	0.04	0.07	0.11	0.27								
RPneg_437.29163_9.376	RP	neg	9.376	437.2916		4		0.00633	0.15610	0.76	1.15	0.85	0.88	1.09	-0.23	0.81959	0.97250	0.03	-0.31	0.04	0.14	-0.11	0.08	0.28								
HILICneg_437.3279_0.4	HILIC	neg	0.4	437.3279		4		0.02300	0.26893	0.80	0.23	0.52	0.63	1.68	0.25	0.81608	0.97211	0.07	0.21	-0.02	0.19	0.03	0.16	0.00								
RPneg_438.14029_11.193	RP	neg	11.193	438.1403		4		0.00432</																								

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)																					
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Baseline		Post-LD			IV-Ghrelin or Placebo			Baseline		Post-AC			BRAC=0										
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d						
									0.62765	0.84246	0.16	0.42	1.06	0.00	0.51	0.04	0.09480	0.56315	0.45	1.06	0.63	0.26	1.06	0.10	0.70	0.12057	0.45595	-0.31	-0.18	-0.02	0.03	-0.06	-0.10	0.86760	0.98025	0.02	-0.03	-0.36	-0.37	0.12	0.31
RPneg_440.1876_0.93	HILIC	pos	0.93	440.1876		4		0.62765	0.84246	0.16	0.42	1.06	0.00	0.51	0.04	0.09480	0.56315	0.45	1.06	0.63	0.26	1.06	0.10	0.70	0.12057	0.45595	-0.31	-0.18	-0.02	0.03	-0.06	-0.10	0.86760	0.98025	0.02	-0.03	-0.36	-0.37	0.12	0.31	0.73
RPneg_440.22382_12.053	RP	neg	12.053	440.2238		4		0.12057	0.45595	-0.31	-0.18	-0.02	0.03	-0.06	-0.10	0.86760	0.98025	0.02	-0.03	-0.36	-0.37	0.12	0.31	0.73	0.93906	0.99074	0.06	0.60	0.01	0.21	-0.35	0.11	0.00								
RPpos_440.2659_11.58	RP	pos	11.58	440.2659		4		0.66005	0.85759	-0.13	0.15	0.13	-0.01	0.07	-0.83	0.93906	0.99074	0.06	0.60	0.01	0.21	-0.35	0.11	0.00																	
RPpos_440.2767_9.15	RP	pos	9.15	440.2767		4		0.77776	0.91256	-0.08	0.00	0.27	0.09	0.08	-0.22	0.17383	0.68773	-0.25	-0.44	-0.26	-0.36	-0.16	-0.04	0.01																	
RPpos_440.2772_10.17	RP	pos	10.17	440.2772		4		0.77776	0.91256	-0.08	0.00	0.27	0.09	0.08	-0.22	0.17383	0.68773	-0.25	-0.44	-0.26	-0.36	-0.16	-0.04	0.01																	
RPpos_440.3167_10.17	RP	pos	10.17	440.3167		4		0.33318	0.65597	-0.52	0.36	-0.39	-0.42	-0.32	-0.42	0.35010	0.83398	-0.12	-0.70	0.06	0.33	0.17	0.02	0.02																	
RPpos_440.3167_5.93	RP	pos	5.93	440.3167		4		0.12540	0.46126	0.37	0.36	0.43	1.29	0.33	0.58	0.42089	0.86873	-0.30	-0.25	-0.25	-0.29	-0.33	-0.32	-0.27																	
HILICpos_440.3211_0.41	HILIC	pos	0.41	440.3211		4		0.71854	0.88527	-0.07	0.34	0.38	0.11	0.09	-0.10	0.78336	0.96604	-0.16	-0.12	0.05	0.03	-0.04	-0.46	0.75																	
RPneg_441.09799_4.708	RP	neg	4.708	441.0980		4		0.60927	0.83311	-0.22	-0.34	0.04	-0.50	0.25	0.16	0.20811	0.72383	0.63	0.31	0.28	0.66	0.27	1.03	0.83																	
RPneg_441.10928_8.168	RP	neg	8.168	441.1093		4		0.08442	0.41025	-0.53	0.16	0.25	-0.83	0.41	-0.52	0.16534	0.67649	-0.21	0.03	0.16	-0.13	-0.16	-0.56	-0.50																	
RPneg_441.11163_6.355	RP	neg	6.355	441.1116		4		0.53856	0.79811	0.02	-0.07	-0.06	0.06	0.22	0.13	0.53744	0.91456	0.03	0.01	0.09	0.01	0.11	-0.14	0.01																	
RPpos_441.1721_6.7	RP	pos	6.7	441.1721		4		0.55068	0.80400	-0.21	0.17	0.52	0.04	0.28	0.22	0.69661	0.95088	-0.16	0.78	0.23	-0.56	-0.24	-0.18	-0.62																	
RPneg_441.1774_7.48	RP	neg	7.48	441.1774		4		0.00860	0.18214	0.67	0.20	0.55	0.39	1.46	0.50	0.20374	0.71972	0.16	0.11	-0.16	0.15	0.36	0.13	0.68																	
RPpos_441.1877_7.73	RP	pos	7.73	441.1877		4		0.50667	0.78027	-0.20	-0.16	0.55	-0.16	-0.47	0.04	0.71224	0.95337	-0.18	-0.09	0.23	-0.65	0.35	-0.36	-0.07																	
HILICpos_441.2094_0.95	HILIC	pos	0.95	441.2094		4		0.64110	0.84801	-0.16	-0.12	0.04	0.57	0.30	-0.52	0.61201	0.93054	0.03	0.06	0.42	-0.11	-0.72	0.36	0.14																	
RPneg_441.21234_10.85	RP	neg	10.85	441.2123		4		0.13028	0.46747	0.32	-0.03	0.00	0.10	1.23	-0.15	0.55685	0.91947	0.11	0.08	0.52	-0.18	0.01	0.24	-0.13																	
RPneg_441.25281_12.053	RP	neg	12.053	441.2528		4		0.13692	0.47692	-0.35	0.04	0.01	0.17	-0.30	-0.04	0.99977	0.99800	0.01	0.07	-0.34	-0.28	0.05	0.28	0.48																	
RPpos_441.2967_10.9	RP	pos	10.9	441.2967		4		0.06499	0.37491	0.44	-0.20	-0.14	0.51	1.06	0.67	0.10355	0.58229	-0.37	-0.15	-0.29	-0.29	-0.53	-0.48	-0.16																	
RPneg_441.33731_12.015	RP	neg	12.015	441.3373		4		0.25891	0.60492	0.24	0.49	0.44	0.07	0.70	0.19	0.49712	0.90072	0.22	0.70	0.06	0.32	0.34	-0.05	0.31																	
RPneg_441.3374_11.779	RP	neg	11.779	441.3374		4		0.83531	0.93730	0.00	0.39	-0.04	-0.21	0.23	0.31	0.39959	0.85799	-0.20	-0.30	0.21	0.34	0.08	-0.20	-0.22																	
RPneg_441.39484_11.247	RP	neg	11.247	441.3948		4		0.08259	0.40756	0.11	0.02	-0.05	0.16	0.30	-0.19	0.95810	0.99500	0.00	-0.17	-0.12	0.30	-0.10	0.07	0.05																	
HILICneg_441.6816_3.65	HILIC	neg	3.65	441.6816		4		0.06347	0.37148	-0.22	0.09	-0.09	-0.11	-0.15	-0.24	0.48826	0.89812	0.07	0.02	0.06	0.01	0.06	0.15	0.27																	
RPpos_441.7758_7.61	RP	pos	7.61	441.7758		4		0.54479	0.80072	-0.21	0.03	0.98	-0.37	-0.22	0.92	0.24220	0.75868	-0.34	-0.24	-0.05	-0.31	-0.22	-0.26	-0.49																	
HILICneg_442.0893_0.39	HILIC	neg	0.39	442.0893		4		0.00090	0.06059	1.72	-0.13	0.36	1.80	3.16	-0.05	0.63599	0.93582	0.10	-0.18	0.30	0.01	0.06	-0.08	0.11																	
RPneg_442.09045_11.193	RP	neg	11.193	442.0905		4		0.00013	0.02071	1.61	0.04	0.67	1.38	2.41	-0.14	0.78716	0.96713	-0.09	-0.14	0.14	-0.22	-0.08	-0.10	-0.07																	
HILICneg_442.0989_1.02	HILIC	neg	1.02	442.0989		4		1.20E-05	0.00600	0.71	-0.48	0.79	0.96	0.65	0.47	0.93388	0.98984	0.04	-0.44	-0.07	0.14	0.36	0.36	-0.37																	
HILICpos_442.1098_1.22	HILIC	pos	1.22	442.1098		4		1.14854	0.49086	-0.14	-0.04	0.07	0.30	-0.14	0.48	0.85721	0.97906	-0.03	-0.14	-0.27	0.08	-0.12	0.04	0.32																	
HILICneg_442.1413_4.21	HILIC	neg	4.21	442.1413		4		0.29580	0.62685	-0.19	0.25	0.61	0.10	-0.55	-0.83	0.90399	0.98615	-0.06	-0.20	0.10	0.16	0.07	-0.28	-0.36																	
HILICpos_442.1602_0.43	HILIC	pos	0.43	442.1602		4		0.11246	0.44817	0.57	0.80	0.63	0.30	0.93	0.00	0.14787	0.65122	0.80	0.73	0.93	0.50	0.45	0.86	0.46																	
RPneg_442.19019_7.379	RP	neg	7.379	442.1902		4		0.52572	0.79104	0.16	0.47	0.42	0.26	0.14	0.29	0.00893	0.20091	-0.55	-0.62	-0.50	-0.28	-0.57	-0.60	-0.59																	
RPneg_442.20102_10.919	RP	neg	10.919	442.2010		4		0.00188	0.08706	1.23	-0.11	0.76	1.43	2.19	0.26	0.37723	0.84565	-0.29	-0.19	0.23	-0.45	-0.16	-0.56	-0.12																	
RPneg_442.20251_11.787	RP	neg	11.787	442.2025		4		0.72174	0.89633	0.19	0.59	-0.18	1.14	-0.18	1.35	0.49936	0.90107	0.17	-0.09	-0.35	0.63	0.88	1.00	0.65																	
RPpos_442.2142_10.07	RP	pos	10.07	442.2142		4		0.35546	0.67466	0.24	-0.26	0.61	0.33	0.62	0.63	0.77844	0.96555	-0.15	1.33	0.56	0.32	0.34	-0.13	0.08	1.36																
HILICpos_442.3011_0.41	HILIC	pos	0.41	442.3011		4		0.93471	0.97659	0.07	0.38	0.40	0.03	0.30	0.12	0.79462	0.96804	-0.1																							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo							
									Baseline			IV-ASA			Baseline			IV-Ghrelin or Placebo			Baseline			IV-ASA			Baseline			IV-AC				
									p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d					
RPpos_445.2888_6.19	RP	pos	6.19	445.2888			4		0.26299	0.60018	-0.35	-0.03	0.71	-0.27	-0.35	0.15	0.93462	0.98984	-0.02	-0.07	0.02	0.40	0.07	0.02	-0.58									
RPneg_445.29446_9.058	RP	neg	9.058	445.2945			4		0.00173	0.08397	-0.55	-0.15	-0.33	-0.48	-0.28	-0.06	0.11279	0.59555	-0.45	0.40	-0.01	-1.06	-0.34	-0.52	-0.44									
RPneg_445.29611_9.269	RP	neg	9.269	445.2961			4		0.03278	0.30196	-0.66	-0.57	-0.53	-0.51	-0.70	-0.50	0.01585	0.26962	-0.46	-0.47	-0.52	-0.60	-0.31	-0.36	-0.55									
HILICneg_445.3329_0.39	HILIC	neg	0.39	445.3329			4		0.11829	0.45423	0.55	0.19	0.02	0.65	1.87	0.00	0.38475	0.84935	-0.11	0.01	-0.14	-0.15	-0.12	-0.05	-0.17									
RPneg_445.33298_11.095	RP	neg	11.095	445.3330			4		0.15003	0.49239	0.13	-0.09	-0.38	0.23	0.67	0.04	0.92232	0.98881	-0.06	0.01	0.05	-0.22	0.17	-0.01	-0.31									
HILICneg_445.33316_0.113	HILIC	neg	0.113	445.3332			4		0.20186	0.54649	0.38	-0.20	0.74	0.38	0.54	0.49	0.74002	0.5559	-0.02	0.01	-0.08	0.13	-0.07	0.04	0.02									
HILICpos_445.366_0.37	HILIC	pos	0.37	445.3660			4		0.59181	0.82484	-0.22	0.13	0.20	-0.06	0.14	-0.57	0.69918	0.95138	0.09	-0.10	0.44	0.01	0.52	-0.03	-0.39									
RPpos_445.3668_13	RP	pos	13	445.3668			4		0.17053	0.51560	-0.46	-0.14	-0.68	0.03	-0.04	-0.43	0.83839	0.97596	0.06	0.35	0.47	-0.22	-0.18	0.17	0.21									
RPpos_445.3683_11.86	RP	pos	11.86	445.3683			4		0.24633	0.58685	-0.28	0.15	0.13	-0.41	-0.17	0.01	0.93225	0.98984	0.03	0.05	0.45	0.51	0.46	0.21	-0.31									
RPpos_445.3685_11.16	RP	pos	11.16	445.3685			4		0.77440	0.91011	-0.06	0.07	0.01	0.16	0.49	-0.49	0.54969	0.91736	-0.11	-0.15	0.08	-0.21	-0.05	-0.21	-0.17									
RPpos_445.3689_12.31	RP	pos	12.31	445.3689			4		0.53871	0.79818	-0.18	1.28	0.11	-0.32	0.29	-0.36	0.91171	0.98721	0.05	0.08	0.20	-0.18	0.26	0.17	-0.24									
RPpos_445.3689_12.25	RP	pos	12.25	445.3689			4		0.58754	0.82277	-0.18	0.80	-0.02	-0.24	0.43	-0.25	0.86895	0.98031	0.04	0.10	0.08	0.16	0.15	0.12	-0.51									
RPneg_445.36899_11.784	RP	neg	11.784	445.3690			4		0.12659	0.46321	-0.55	0.05	-0.65	0.41	-0.66	0.38	0.13755	0.63663	-0.26	-0.75	-0.78	0.35	-0.18	-0.19	-0.35									
RPpos_445.3986_10.97	RP	pos	10.97	445.3986			4		0.28248	0.61658	-0.43	-0.19	-0.08	-0.01	-0.37	-0.53	0.55265	0.91818	-0.28	1.43	-0.27	0.50	-0.03	0.19	-0.65									
RPpos_445.3987_11.05	RP	pos	11.05	445.3987			4		0.16270	0.50721	-0.53	-0.17	-0.08	-0.18	-0.52	-0.44	0.51084	0.90555	0.31	1.52	-0.25	0.62	-0.02	0.26	0.67									
RPpos_445.7677_7.13	RP	pos	7.13	445.7677			4		0.96361	0.98696	0.00	0.29	0.45	0.06	0.04	0.96	0.81584	0.97205	-0.10	0.09	0.04	0.18	0.09	-0.62	-0.12									
RPpos_445.7686_7.46	RP	pos	7.46	445.7686			4		0.60063	0.82888	-0.11	-0.17	0.40	-0.07	-0.20	0.37	0.97771	0.99726	-0.05	0.07	0.11	0.09	-0.26	-0.45	-0.11									
HILICpos_446.0522_3.13	HILIC	pos	3.13	446.0522			4		0.26103	0.59848	-0.46	-0.21	-0.09	0.01	-0.10	-0.60	0.72289	0.95590	0.04	-0.03	0.22	0.02	0.00	0.25	0.18									
HILICneg_446.0593_4.33	HILIC	neg	4.33	446.0593			4		0.48906	0.95991	0.00	0.36	0.28	0.71	0.05	0.03	0.26431	0.77648	-0.17	0.13	0.10	0.12	0.34	-0.02	-0.02									
RPneg_446.13205_10.85	RP	neg	10.85	446.1321			4		0.06200	0.36881	0.52	-0.01	0.14	0.67	1.66	-0.08	0.53521	0.91372	0.15	0.02	0.36	0.32	0.19	0.25	-0.25									
RPpos_446.144_8.16	RP	pos	8.16	446.1440			4		0.70680	0.88027	0.10	0.15	0.17	0.15	0.31	0.32	0.84889	0.97736	-0.04	0.08	0.10	-0.16	0.06	-0.25	-0.15									
RPneg_446.16107_13.177	RP	neg	13.177	446.1611			4		0.47834	0.76314	-0.16	0.07	0.17	0.26	-0.07	-0.28	0.23471	0.75230	-0.34	0.07	-1.22	-0.59	0.61	-0.23	0.19									
RPneg_446.18988_12.056	RP	neg	12.056	446.1899			4		0.56972	0.81383	-0.10	0.02	0.05	0.11	0.01	0.04	0.93227	0.98984	-0.04	-0.04	-0.29	-0.45	-0.03	0.17	0.94									
RPneg_446.19672_11.303	RP	neg	11.303	446.1967			4		0.90076	0.96348	-0.07	0.04	-0.05	1.02	-0.64	0.99	0.83184	0.97501	-0.03	0.48	-0.40	0.35	-0.59	0.06	0.78									
RPpos_446.2597_4.4	RP	pos	4.4	446.2597			4		0.73850	0.89449	0.05	-0.16	0.22	0.25	0.32	0.49	0.63641	0.93602	-0.17	-0.14	-0.10	-0.19	-0.07	-0.38	-0.31									
RPpos_446.2598_11.58	RP	pos	11.58	446.2598			4		0.59313	0.82560	-0.15	0.10	0.15	0.02	-0.04	-0.76	0.93500	0.98984	0.01	0.57	-0.01	0.19	-0.38	-0.01	0.02									
RPpos_446.2599_4.54	RP	pos	4.54	446.2599			4		0.21416	0.55663	0.28	-0.02	0.61	0.32	0.73	0.70	0.82796	0.97417	-0.08	-0.21	-0.10	-0.10	0.11	-0.15	-0.23									
HILICpos_446.26_1.76	HILIC	pos	1.76	446.2600			4		0.32354	0.64923	0.25	-0.04	0.59	0.32	0.63	0.43	0.82137	0.97315	-0.09	-0.16	-0.02	0.12	0.06	-0.22	-0.31									
RPneg_446.28958_8.367	RP	neg	8.367	446.2896			4		0.00468	0.13733	0.75	0.30	1.96	1.27	0.54	0.25	0.00022	0.02102	1.15	-0.15	1.20	1.86	1.07	1.48	0.03									
RPneg_446.28992_9.037	RP	neg	9.037	446.2899			4		0.00111	0.06738	0.78	0.02	1.19	0.82	0.86	1.09	0.00328	0.11555	0.63	-0.13	0.68	1.40	0.50	0.59	-0.25									
HILICneg_446.2904_0.88	HILIC	neg	0.88	446.2904			4		0.00564	0.14723	0.65	0.42	1.47	0.53	0.39	1.06	0.12303	0.61238	0.65	0.08	0.71	1.11	0.65	0.54	-0.03									
RPneg_446.2904_8.212	RP	neg	8.212	446.2904			4		0.23060	0.57214	0.12	0.07	0.37	0.15	0.22	0.19	0.53529	0.91373	0.19	-0.10	0.17	0.12	0.34	0.41	0.06									
RPneg_446.29047_7.773	RP	neg	7.773	446.2905			4		0.48906	0.95991	0.00	0.36	0.28	0.71	0.05	0.03	0.26431	0.77648	-0.17	0.13	0.10	0.12	0.34	-0.02	-0.02									
RPneg_446.29117_8.54	RP	neg	8.54	446.2912			4		0.00112	0.06738	0.93	0.47	1.76	0.79	0.47	2.05	0.09613	0.56553	0.76	0.17	0.82	1.24	0.75	0.64	0.02									
RPneg_446.29144_8.841	RP	neg	8.841	446.2914			4		0.00360	0.12243	0.90	0.14	1.14	1.98	1.06	1.12	0.00443	0.13819	0.63	-0.28	0.91	1.51	0.65	0.51	-0.66									
HILICpos_446.2959_0.51	HILIC	pos	0.51	446.2959			4		0.90618	0.96548	-0.03	-0.13	0.44	0.03	0.35	0.39	0.48838	0.89812	-0.26	-0.16	-0.17	-0.18	0.04	-0.50	-0.62									
RPpos_446.296_5.18	RP	pos	5.18	446.2960			4		0.86344	0.94900	-0.01	-0.13	0.42	0.10	0.19	0.73	0.66199	0.94270	-0.17	0.05	-0.10	-0.02	-0.09	-0.50	-0.47									
RPpos_446.347_10.16	RP	pos	10.16	446.3470			4		0.97730	0.99107	0.10	0.68	0.52	-0.03	0.39	-0.08	0.36870	0.84006	-0.48	-0.31	0.12	-0.33	-0.09	-0.77	0.02									
RPneg_446.99368_2.636	RP	neg	2.636	446.9937			4		0.00987	0.19398	0.42	0.42	0.46	0.40	0.55	0.69	0.40732	0.86116	0.06	0.01	0.03	0.05	0.05	0.04	0.44									
HILICneg_446.9942_0.57	HILIC	neg	0.57	446.9942			4		0.00816	0.17819	0.36	0.21	0.33	0.64	0.34	0.63	0.60362	0.92881	0.03	-0.07	-0.03	-0.08	0.07	0.06	0.40									
RPneg_447.09271_5.254	RP	neg	5.254	447.0927			4		0.11965	0.45552	0.29	0.19	0.57	0.57	0.07	-0.31	0.28670	0.79355	0.50	-0.07	0.25	0.56	1.08	0.82	0.12									
HILICneg_447.0931_3.41	HILIC	neg	3.41	447.0931			4		0.38809	0.70019	0.14	0.06	0.28	0.62	-0.06	-0.24	0.04846	0.43981	1.33	-0.05	0.54	1.22	2.12	1.70	0.25									
RPneg_447.09341_5.179	RP	neg	5.179	447.0934			4		0.24881	0.58826	0.21	0.08	0.46	0.59	0.01	-0.17	0.03422	0.37887	1.16	0.15	0.57	1.27	1.76	1.60	0.05									
RPpos_447.1299_7.53	RP	pos	7.53	447.1299			4		0.95528	0.98379	-0.05	0.01	0.07	0.45	0.01	0.63	0.07224	0.51271	0.33	-0.11	0.02	0.26	0.47	0.20	0.79									
RPneg_447.13397_8.799	RP	neg	8.799	447.1340			4		0.60887	0.83311	-0.17	-0.22	-0.15	0.44	0.49	-0.22	0.00021	0.02066	-0.29	-0.23	-0.67	-0.17	-0.14	-0.27	-0.48									
HILICpos_447.1634_5.64	HILIC	pos	5.64	447.1634			4		0.37826	0.69319	0.20	0.24	0.52	0.51	-0.03	-0.17	0.05433	0.46163	0.41	0.05	0.81	0.31	0.34	-0.01	0.51									
HILICpos_447.2021_4.21	HILIC	pos	4.21	447.2025			4		0.22956	0.57111	0.26	0.26	1.56	0.29	-0.15	-0.47	0.00698	0.17640	0.81	0.40	0.98	1.36	0.81	0.54	-0.30									
HILICpos_447.2033_3.95	HILIC	pos	3.95	447.2033			4		0.24557	0.58617	0.25	0.23	1.31	0.32	-0.16	-0.43	0.04053	0.40966	0.82	0.16	1.29	1.94	0.45	0.33	-0.43									
HILICpos_447.2059_6.95	HILIC	pos	6.95	447.2059			4		0.95807	0.98513	-0.03	0.08	0.25	0.05	0.0																			

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			Post-LD			Baseline			Post-LD			Baseline			Post-LD			Baseline			Post-LD		
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d
HILICneg_449.0462_6.17	HILIC	neg	6.17	449.0462			4		0.84904	0.94348	-0.09	-0.08	0.27	0.16	0.14	-0.33	0.19752	0.71327	0.24	0.05	0.52	0.81	-0.14	0.22	0.14							
RPpos_449.1083_5.18	RP	pos	5.18	449.1083			4		0.37710	0.69207	0.13	-0.03	0.29	0.49	-0.02	-0.10	0.06227	0.48560	1.00	0.19	0.49	0.69	1.64	1.83	0.06							
HILICneg_449.1204_4.21	HILIC	neg	4.21	449.1204			4		0.07699	0.39797	-0.31	0.18	0.87	0.03	-0.96	-0.64	0.49311	0.89856	-0.34	-0.58	-0.39	0.69	-0.09	-0.85	-0.12							
HILICneg_449.1314_1.43	HILIC	neg	1.43	449.1314			4		0.37796	0.69299	0.15	0.06	0.14	0.24	0.48	0.11	0.62923	0.93523	-0.06	-0.11	-0.04	-0.22	0.05	0.01	-0.13							
RPpos_449.1484_8.77	RP	pos	8.77	449.1484			4		0.48939	0.72718	-0.21	-0.08	0.07	0.08	0.22	-0.29	0.28289	0.99511	-0.31	-0.20	-0.08	0.06	-0.07	-0.40	-0.46							
RPneg_449.15039_8.573	RP	neg	8.573	449.15039			4		0.74501	0.86860	-0.13	0.09	0.88	-0.37	-0.02	-0.13	0.32989	0.83048	0.39	0.37	0.17	-0.08	0.09	-0.31								
RPneg_449.15042_8.868	RP	neg	8.868	449.1504			4		0.85991	0.94755	-0.07	0.24	0.96	-0.15	0.00	-0.25	0.24462	0.76083	-0.31	0.31	-0.38	0.01	-0.02	-0.20	-0.31							
RPneg_449.2139_9.079	RP	neg	9.079	449.2139			4		0.05160	0.34894	-0.26	0.12	-0.04	-0.30	-0.09	-0.08	0.17656	0.69133	0.11	0.28	0.18	-0.03	0.14	0.15	-0.09							
HILICpos_449.2143_0.87	HILIC	pos	0.87	449.2143			4		0.26206	0.59964	-0.28	0.12	0.34	-0.17	-0.50	-0.37	0.33089	0.82092	0.14	0.24	0.62	-0.27	0.53	-0.12	-0.09							
HILICneg_449.2148_1.13	HILIC	neg	1.13	449.2148			4		0.06606	0.37817	-0.25	0.23	-0.06	-0.28	-0.10	-0.11	0.11738	0.60205	0.14	0.25	0.11	0.02	0.15	0.23	-0.06							
HILICpos_449.2149_0.45	HILIC	pos	0.45	449.2149			4		0.84305	0.94119	-0.05	-0.22	0.31	-0.05	-0.07	0.59	0.71826	0.95508	0.10	0.03	0.27	0.34	0.16	-0.64	-0.11							
RPpos_449.2149_5.27	RP	pos	5.27	449.2149			4		0.20201	0.54691	-0.27	0.16	0.13	-0.21	-0.37	-0.33	0.42429	0.87041	0.14	0.35	0.70	-0.12	0.11	0.03	-0.15							
RPneg_449.25406_9.875	RP	neg	9.875	449.2541			4		0.08922	0.41737	0.27	0.20	0.36	0.40	0.55	0.08	0.93364	0.98984	0.01	-0.16	-0.02	-0.09	0.15	0.11	-0.04							
RPneg_449.25452_10.078	RP	neg	10.078	449.2545			4		0.53696	0.79710	0.10	0.17	0.23	0.11	0.28	0.05	0.74537	0.96070	0.01	-0.09	0.02	-0.06	0.06	0.09	0.00							
RPneg_449.255_10.001	RP	neg	10.001	449.2550			4		0.71111	0.88209	0.06	0.09	0.15	0.08	0.21	0.06	0.84780	0.97732	0.11	0.06	0.09	0.10	0.15	0.13	0.11							
HILICneg_449.2553_1.42	HILIC	neg	1.42	449.2553			4		0.85195	0.94441	0.07	0.11	0.16	0.10	0.23	0.10	0.97637	0.99711	0.09	0.03	0.09	0.06	0.15	0.09	0.10							
RPpos_449.3603_11.53	RP	pos	11.53	449.3603			4		0.43982	0.73683	0.08	0.09	-0.05	0.46	0.49	0.45	0.74638	0.96075	0.01	0.45	-0.12	-0.31	0.34	0.11	-0.22							
HILICneg_449.3634_0.39	HILIC	neg	0.39	449.3634			4		0.14934	0.49197	0.68	0.20	-0.01	1.07	1.88	0.47	0.21297	0.72988	-0.24	-0.28	-0.26	-0.13	-0.32	-0.31	-0.07							
RPpos_449.4354_11.52	RP	pos	11.52	449.4354			4		0.46315	0.75281	-0.23	-0.44	-0.02	0.13	0.09	0.20	0.28299	0.79170	0.41	0.20	-0.01	0.06	0.27	0.84								
HILICneg_449.8206_0.92	HILIC	neg	0.92	449.8206			4		0.20517	0.54924	-0.39	-0.44	-0.17	0.02	0.23	-0.13	0.36363	0.7586	-0.30	-0.41	-0.38	-0.39	-0.18	0.18								
HILICneg_449.9475_5.41	HILIC	neg	5.41	449.9475			4		0.74215	0.89687	0.08	0.26	0.29	0.15	0.35	0.67	0.29202	0.79632	-0.02	0.31	-0.12	0.14	0.08	0.11	-0.56							
RPneg_450.17023_11.069	RP	neg	11.069	450.1702			4		0.03651	0.31156	0.91	-0.13	0.14	0.53	2.06	0.02	0.77688	0.96532	-0.12	-0.01	-0.15	0.15	-0.27	-0.12	-0.02							
HILICpos_450.1964_1.02	HILIC	pos	1.02	450.1964			4		0.38123	0.69515	0.19	0.37	0.69	0.03	0.40	0.35	0.10575	0.58354	0.47	0.35	0.59	0.35	1.69	0.13	-0.16							
RPneg_450.26138_9.924	RP	neg	9.924	450.2614			4		0.42802	0.72884	-0.14	0.04	0.01	-0.09	0.00	0.01	0.71414	0.95354	0.16	0.15	0.10	0.20	0.24	0.36	0.39							
RPneg_450.26151_10.062	RP	neg	10.062	450.2615			4		0.54203	0.79897	-0.10	0.08	0.09	-0.01	0.01	0.06	0.72563	0.95609	0.16	0.12	0.11	0.19	0.31	0.31	0.35							
HILICneg_450.262_2.15	HILIC	neg	2.15	450.2620			4		0.43105	0.73094	-0.14	0.06	0.00	-0.08	-0.04	0.01	0.76847	0.96344	0.13	0.13	0.15	0.08	0.29	0.28	0.37							
RPpos_450.2751_6.29	RP	pos	6.29	450.2751			4		0.37816	0.69315	-0.31	-0.11	0.79	-0.27	-0.21	0.38	0.54320	0.91507	-0.23	0.12	0.12	0.55	0.35	0.08	-0.54							
RPneg_450.28592_7.768	RP	neg	7.768	450.2859			4		0.92071	0.97116	-0.02	0.06	0.13	0.02	0.02	0.01	0.80018	0.96948	-0.03	-0.07	0.01	-0.12	0.05	0.00	0.02							
RPneg_450.29755_10.849	RP	neg	10.849	450.2976			4		0.08546	0.41134	-0.42	-0.07	-0.15	-0.55	0.01	-0.38	0.76705	0.96401	0.25	0.32	0.31	0.58	0.18	0.13	0.03							
RPneg_450.29761_10.789	RP	neg	10.789	450.2976			4		0.31884	0.64531	-0.32	0.03	-0.20	-0.56	0.05	-0.17	0.37725	0.84565	-0.20	-0.20	0.04	-0.18	-0.26	-0.05	-0.43							
RPpos_450.3211_8.19	RP	pos	8.19	450.3211			4		0.04439	0.33392	0.35	0.03	0.99	0.39	0.53	0.29	0.22170	0.73822	0.19	-0.23	0.34	0.35	0.21	0.25	-0.31							
RPpos_450.3212_9.31	RP	pos	9.31	450.3212			4		0.00042	0.03768	0.55	0.09	0.75	0.59	0.83	1.15	0.19057	0.70588	0.60	-0.29	0.82	0.89	0.62	0.82	-0.47							
HILICpos_450.3214_1.02	HILIC	pos	1.02	450.3214			4		0.00015	0.02331	-0.23	-0.11	0.92	0.85	1.25	0.32	0.01010	0.21352	0.55	-0.27	0.74	1.09	0.50	-0.50								
RPneg_450.3578_10.91	RP	neg	10.91	450.3578			4		0.42425	0.72591	-0.32	-0.53	0.16	-0.16	-0.21	0.51	0.00837	0.19598	-0.49	-0.56	-0.60	-0.48	0.01	-0.61	-0.06							
RPpos_450.3587_13.01	RP	pos	13.01	450.3587			4		0.15135	0.49367	-0.43	-0.25	-0.30	0.75	-0.56	0.04	0.77020	0.96458	-0.06	0.17	-0.28	0.39	-0.61	0.26	0.22							
RPpos_450.3792_9.98	RP	pos	9.98	450.3792			4		0.03504	0.30707	-0.39	-0.25	-0.14	-0.30	-0.31	0.71	0.55889	0.91988	-0.33	-0.20	-0.33	-0.39	0.91	0.82	-0.29							
HILICneg_450.7657_1.45	HILIC	neg	1.45	450.7657			4		0.53731	0.79723	-0.12	-0.07	-0.14	-0.14	0.17	0.28	0.03942	0.40457	-0.36	-0.24	-0.40	-0.56	-0.19	-0.40	-0.07							
HILICneg_450.8008_7.73	HILIC	neg	7.73	450.8008			4		0.57067	0.81436	0.07	0.46	0.29	-0.20	0.28	0.03	0.03268	0.37228	-0.48	-0.58	-0.62	-0.01	-0.39	-0.54	-0.57							
RPneg_450.92545_8.808	RP	neg	8.808	450.9255			4		0.48600	0.76807	-0.06	0.04	-0.07	-0.01	-0.05	0.06	0.94507	0.99216	-0.07	-0.03	-0.03	-0.03	-0.13	-0.07	-0.11							
HILICneg_451.1111_5.18	HILIC	neg	5.18	451.1111			4		0.10292	0.43557	0.44	0.31	1.26	0.49	0.02	-0.10	0.15558	0.66190	0.72	-0.38	1.20	1.34	0.27	0.55	0.06							
RPneg_451.11905_7.43	RP	neg	7.43	451.1191			4		0.88750	0.95880	0.05	-0.02	0.34	0.20	0.26	0.14	0.16843	0.67965	0.06	-0.03	-0.11	0.06	0.19	0.28	-0.12							
RPneg_451.14145_6.356	RP	neg	6.356	451.1415			4		0.37856	0.69334	0.02	-0.06	0.04	0.01	0.25	-0.02	0.33463	0.82286	0.05	0.05	0.08	0.04	0.06	-0.03	0.05							
RPneg_451.16257_10.756	RP	neg	10.756	451.1626			4		0.02168	0.26389	0.89	-0.12	0.20	0.50	1.96	-0.12	0.97139	0.99673	-0.05	-0.22	0.40	-0.12	-0.23	-0.14	-0.09							
RPneg_451.20795_9.079	RP	neg	9.079	451.2080			4		0.03401	0.30420	-0.27	0.20	-0.13	-0.31	-0.12	-0.01	0															

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			IV-Ghrelin			Placebo			Baseline			Post-LD			IV-Ghrelin			IV-AC		
									p	q	d	p	q	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
RPpos_453.1865_6.11	RP	pos	6.11	453.1865			4		0.14818	0.49037	-0.31	-0.15	0.30	0.09	-0.59	0.23	0.39142	0.85207	-0.48	-0.17	-0.24	-0.88	0.18	0.00	-0.36							
HILICpos_453.1881_5.92	HILIC	pos	5.92	453.1881			4		0.85398	0.94531	-0.03	0.31	0.52	0.16	-0.07	-0.41	0.04324	0.41903	0.34	0.55	0.63	0.39	0.23	0.10	0.08							
RPneg_453.19412_10.624	RP	neg	10.624	453.1941			4		0.90571	0.96548	0.04	-0.08	0.50	0.70	0.43	-0.30	0.19707	0.71258	0.16	0.87	0.10	0.06	0.06	0.04	0.35							
HILICpos_453.2099_5.64	HILIC	pos	5.64	453.2099			4		0.72579	0.88831	0.02	0.34	0.44	0.96	0.25	-1.01	0.09574	0.56432	0.32	0.18	0.13	0.75	1.12	-0.02	-0.01							
RPneg_453.23141_9.531	RP	neg	9.531	453.2314			4		0.22789	0.56289	0.16	0.39	0.50	0.28	0.17	-0.31	0.78995	0.96713	-0.15	-0.43	0.41	-0.14	-0.06	-0.11	0.00							
RPneg_453.2388_7.55	RP	neg	7.55	453.2388			4		0.47752	0.76257	-0.26	0.55	0.58	0.27	0.06	-0.06	0.50189	0.60271	-0.18	0.52	0.05	-0.59	0.07	0.03	-0.65							
RPpos_453.2455_9.55	RP	pos	9.55	453.2455			4		0.98129	0.99284	0.06	0.18	0.52	0.35	0.14	-0.16	0.59323	0.92712	-0.37	0.08	-0.02	-0.40	0.10	0.66	-0.06							
RPpos_453.2457_3.71	RP	pos	3.71	453.2457			4		0.28854	0.62199	-0.13	-0.09	0.31	-0.24	-0.14	0.23	0.30092	0.80262	0.47	0.16	0.25	0.88	0.65	1.40	-0.17							
RPpos_453.2458_3.45	RP	pos	3.45	453.2458			4		0.35268	0.67238	-0.10	-0.09	0.33	-0.17	-0.15	0.30	0.32777	0.81922	0.43	0.12	0.11	0.98	0.58	1.29	-0.15							
RPneg_453.28476_9.031	RP	neg	9.031	453.2848			4		0.90359	0.96447	0.01	0.08	0.01	0.04	0.01	0.12	0.29953	0.80176	-0.37	-0.58	-0.40	-0.32	-0.33	-0.30	-0.21							
RPneg_453.28497_7.361	RP	neg	7.361	453.2850			4		0.82323	0.93302	-0.02	0.07	0.10	0.03	0.04	-0.13	0.66133	0.94270	-0.17	-0.24	-0.21	-0.23	-0.08	-0.08	0.07							
RPneg_453.28528_9.226	RP	neg	9.226	453.2853			4		0.12396	0.45919	-0.37	-0.08	-0.30	-0.36	-0.27	-0.59	0.01629	0.27304	0.49	-0.04	0.34	0.56	0.72	0.66	0.49							
RPneg_453.28537_8.523	RP	neg	8.523	453.2854			4		0.31320	0.64120	-0.18	0.02	0.03	-0.11	-0.19	-0.75	0.92426	0.98905	-0.05	-0.25	-0.21	-0.06	-0.02	-0.02	0.44							
RPneg_453.28546_8.935	RP	neg	8.935	453.2855			4		0.81486	0.92958	-0.04	0.53	0.27	-0.01	-0.03	-0.48	0.04222	0.41565	0.17	0.02	0.11	0.13	0.19	0.27	0.28							
RPneg_453.28552_8.341	RP	neg	8.341	453.2855			4		0.01687	0.23960	0.60	0.56	0.90	0.64	1.05	-0.11	0.24580	0.76171	0.44	-0.10	0.51	0.31	0.62	0.37	0.82							
RPneg_453.32202_9.833	RP	neg	9.833	453.3220			4		0.13076	0.46774	0.27	0.01	0.39	0.28	0.45	0.73	0.95167	0.99379	-0.04	-0.33	-0.16	-0.13	-0.20	0.26	0.65							
RPpos_453.3349_12.6	RP	pos	12.6	453.3349			4		0.72001	0.88592	-0.14	-0.11	-0.11	-0.13	0.03	0.45	0.66290	0.94285	0.10	0.16	-0.06	0.26	-0.25	0.29	0.16							
HILICpos_453.3429_0.77	HILIC	pos	0.77	453.3429			4		0.66637	0.89516	-0.15	0.11	-0.33	0.01	-0.09	0.24	0.00639	0.18665	1.34	0.97	0.34	-0.06	1.00	4.36	-0.38							
RPpos_453.3444_5.08	RP	pos	5.08	453.3444			4		0.93643	0.99872	0.00	0.16	-0.35	0.28	0.25	-0.09	0.01396	0.25177	1.21	0.89	0.41	0.02	0.66	5.57	-0.36							
HILICneg_453.8701_1.45	HILIC	neg	1.45	453.8701			4		0.92717	0.97400	0.00	0.01	0.06	0.05	0.15	0.17	0.06170	0.48417	-0.32	-0.23	-0.33	0.35	0.25	0.36	-0.21							
HILICneg_453.9272_5.41	HILIC	neg	5.41	453.9272			4		0.50340	0.77832	0.17	0.85	0.33	-0.29	0.62	0.31	0.20033	0.71633	0.28	-0.06	-0.06	0.64	0.90	0.23	-0.39							
RPneg_454.15033_6.992	RP	neg	6.992	454.1503			4		0.01793	0.24464	-0.30	-0.04	-0.31	-0.41	-0.18	0.06	0.42561	0.87082	-0.19	-0.09	0.00	-0.17	-0.12	-0.25	-0.30							
RPneg_454.1517_8.755	RP	neg	8.755	454.1517			4		0.96829	0.98830	0.06	0.09	0.13	0.09	0.09	0.11	0.75103	0.96184	-0.04	0.00	-0.05	-0.10	-0.10	0.12	-0.13							
RPneg_454.15176_8.169	RP	neg	8.169	454.1518			4		0.33321	0.65697	-0.11	-0.08	0.03	-0.09	0.09	-0.08	0.83064	0.97473	0.00	0.01	-0.01	-0.05	0.01	0.04	0.04							
RPneg_454.1521_7.669	RP	neg	7.669	454.1521			4		0.49376	0.77316	-0.07	0.00	0.02	0.01	0.10	-0.11	0.75981	0.96241	0.14	0.08	0.18	0.09	0.15	0.18	0.13							
RPneg_454.16556_10.666	RP	neg	10.666	454.1656			4		0.00019	0.02619	1.59	-0.08	0.64	1.03	2.73	0.06	0.96590	0.99651	-0.04	0.02	0.41	-0.20	-0.06	-0.15	-0.09							
RPneg_454.20218_11.615	RP	neg	11.615	454.2022			4		0.00313	0.11530	1.77	0.13	0.44	0.85	3.88	-0.61	0.52552	0.91004	-0.08	0.29	-0.15	0.14	-0.39	-0.01	-0.08							
RPneg_454.20227_11.194	RP	neg	11.194	454.2023			4		0.01416	0.22532	0.88	-0.04	0.67	0.89	2.38	-0.79	0.87064	0.98076	0.02	-0.24	0.13	0.15	-0.17	-0.05	0.10							
RPneg_454.26349_9.387	RP	neg	9.387	454.2635			4		0.00018	0.02597	0.81	0.56	1.06	1.13	0.84	-0.99	0.47694	0.89338	0.23	0.21	0.25	0.23	0.33	0.45	-0.12							
HILICpos_454.2915_1.94	HILIC	pos	1.94	454.2915			4		0.02850	0.28787	-0.38	-0.04	-0.11	-0.31	-0.26	-0.38	0.49951	0.90107	-0.08	-0.05	-0.03	-0.01	0.14	-0.05	-0.33							
RPpos_454.2923_8.74	RP	pos	8.74	454.2923			4		0.08997	0.41828	0.10	0.00	0.24	0.13	0.11	0.09	0.88018	0.98264	0.00	-0.03	-0.11	-0.07	0.08	0.07	0.14							
RPpos_454.2932_10.3	RP	pos	10.3	454.2932			4		0.02352	0.27109	-0.40	-0.09	-0.16	-0.26	-0.30	-0.37	0.51385	0.96468	-0.09	-0.18	-0.11	0.06	0.17	-0.05	-0.36							
HILICpos_454.2935_1.7	HILIC	pos	1.7	454.2935			4		0.02037	0.25841	-0.33	-0.12	-0.05	-0.30	-0.27	-0.38	0.46854	0.88898	-0.07	0.04	0.04	0.02	0.15	-0.16	-0.37							
RPpos_454.3287_10.21	RP	pos	10.21	454.3287			4		0.59677	0.99873	0.00	0.17	0.26	0.15	0.17	0.13	0.97349	0.84295	-0.20	-0.11	-0.17	-0.19	-0.25	0.13	-0.22							
HILICpos_454.3377_0.4	HILIC	pos	0.4	454.3377			4		0.78061	0.91407	0.02	0.37	0.51	0.15	0.09	-0.42	0.59472	0.92745	-0.33	-0.28	0.56	0.05	-0.56	-0.75	0.57							
RPpos_454.3894_9.78	RP	pos	9.78	454.3894			4		0.65777	0.85655	-0.17	0.17	0.19	-0.24	0.31	-0.49	0.00412	0.13354	0.72	0.43	0.75	1.18	0.45	0.52	-0.07							
HILICneg_454.7748_3.01	HILIC	neg	3.01	454.7748			4		0.08987	0.41828	-0.62	-0.43	-0.24	0.65	-0.44	0.18	0.86874	0.98025	-0.10	-0.48	0.57	-0.27	-0.16	0.19	-0.40							
HILICneg_455.045_0.5	HILIC	neg	0.5	455.0450			4		0.39208	0.70265	0.25	0.02	0.36	0.41	0.20	1.18	0.17862	0.69373	-0.51	-0.43	-0.61	-0.39	-0.64	-0.42	-0.76							
HILICneg_455.0474_3.53	HILIC	neg	3.53	455.0474			4		0.48070	0.76436	0.05	0.35	-0.09	0.04	-0.03	-0.30	0.39460	0.85426	-0.08	0.10	-0.16	-0.14	0.04	-0.16	0.19							
HILICpos_455.0579_5.8	HILIC	pos	5.8	455.0579			4		0.49873	0.77571	-0.24	0.40	0.78	0.48	0.06	-0.97	0.09752	0.56832	0.82	0.50	0.35	1.17	0.93	0.86	-0.09							
HILICneg_455.1018_6.41	HILIC	neg	6.41	455.1018			4		0.80659	0.92567	0.05	-0.06	0.32	-0.07	0.20	1.02	0.23777	0.75266	0.82	0.24	0.78	0.41	2.02	0.57	-0.20							
RPpos_455.1177_7.41	RP	pos	7.41	455.1177			4		0.30182	0.63127	0.14	0.23	0.28	0.36	0.28	-0.05	0.17206	0.68499	0.14	-0.12	0.47	-0.03	0.43	0.08	-0.39							
RPneg_455.13736_6.557	RP	neg	6.557	455.1374			4		0.20410	0.54850	-0.27	-0.08	-0.09	0.05	-0.59	-0.26	0.95660	0.99456	0.02	-0.36	-0.26	-0.15	1.36	-0.01	0.54							
RPneg_455.16281_8.093	RP	neg	8.093	455.1628			4		0.16142	0.50526	0.22	0.07	0.18	0.35																		

Feature_ID	Mode	Ionization	Average Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									p		q		d		Baseline		IV-ASA		BRAC=0		p		q		d		Baseline		Post-LD		IV-AC	
HILICpos_463.214_0.51	HILIC	pos	0.51	463.2140			4		0.63323	0.84443	-0.07	-0.07	0.43	0.13	-0.07	-0.31	0.70074	0.95161	-0.10	-0.04	1.21	-0.27	-0.23	-0.23	-0.11	-0.11						
RPpos_463.2314_9.15	RP	pos	9.15	463.2314			4		0.60766	0.83281	-0.14	0.01	-0.06	-0.03	-0.03	-0.25	0.48222	0.89578	-0.14	-0.11	-0.19	-0.15	-0.15	-0.13	-0.13	-0.08						
RPneg_463.23282_7.253	RP	neg	7.253	463.2328			4		0.18430	0.53061	0.01	0.11	0.19	0.00	0.05	-0.13	0.93705	0.99026	-0.04	-0.11	0.01	-0.04	-0.05	-0.07	-0.07	-0.02						
RPneg_463.2334_8.127	RP	neg	8.127	463.2334			4		0.76093	0.93058	0.11	-0.04	0.43	0.18	0.18	-0.01	0.57326	0.92425	0.05	-0.11	0.07	0.07	0.21	0.21	0.02	-0.05						
RPneg_463.23413_7.792	RP	neg	7.792	463.2341			4		0.00751	0.16993	0.50	0.13	0.44	0.85	0.26	1.28	0.32733	0.3446	-0.02	-0.26	-0.35	0.16	0.36	0.40	-0.20	-0.20						
RPneg_463.2343_8.04	RP	neg	8.04	463.2343			4		0.04186	0.23361	0.00	0.13	0.42	0.61	0.71	0.88	0.00053	0.0054	0.33	0.09	0.13	0.50	0.76	0.40	0.12	0.12						
RPneg_463.23462_7.63	RP	neg	7.63	463.2346			4		0.01009	0.19581	0.36	0.17	0.61	0.46	0.51	0.15	0.03649	0.38977	0.18	-0.13	0.22	0.29	0.40	0.30	-0.30	-0.30						
RPneg_463.23489_8.539	RP	neg	8.539	463.2349			4		0.39927	0.70813	-0.13	0.00	0.58	0.12	-0.51	0.56	0.52478	0.90985	-0.38	-0.35	0.08	0.96	0.14	-0.23	-0.07	-0.07						
HILICpos_463.2903_1.73	HILIC	pos	1.73	463.2903			4		0.87538	0.95337	-0.08	0.42	0.74	-0.11	0.12	-0.05	0.70526	0.95242	-0.04	-0.09	0.06	0.07	-0.12	0.25	-0.38	-0.38						
RPneg_463.29129_10.425	RP	neg	10.425	463.2913			4		0.55577	0.80724	-0.02	0.07	-0.06	0.01	0.28	0.23	0.49492	0.89979	0.17	-1.17	0.25	-0.06	0.70	0.08	-0.02	-0.02						
RPneg_463.29199_10.506	RP	neg	10.506	463.2920			4		0.36908	0.68548	0.00	0.36	0.40	-0.20	0.27	0.19	0.48333	0.89635	0.10	-0.48	0.18	0.01	0.13	0.10	0.80	0.80						
RPneg_463.30569_9.808	RP	neg	9.808	463.3057			4		0.24593	0.58658	0.09	0.14	0.18	0.22	0.19	0.26	0.37294	0.84231	0.14	0.35	0.14	-0.08	0.17	0.20	0.35	0.35						
HILICpos_463.3248_0.41	HILIC	pos	0.41	463.3248			4		0.47479	0.76084	-0.12	0.02	0.63	0.13	-0.59	0.09	0.65312	0.94010	-0.28	0.21	0.11	-0.19	-0.29	-0.49	0.22	0.22						
HILICneg_463.3434_0.39	HILIC	neg	0.39	463.3434			4		0.03836	0.31618	0.62	0.10	0.21	0.55	1.56	0.27	0.71271	0.95351	-0.08	0.02	-0.15	-0.16	-0.13	0.06	0.08	0.08						
RPneg_463.34348_10.934	RP	neg	10.934	463.3435			4		0.08497	0.41107	0.24	-0.11	0.19	0.30	0.52	0.35	0.75968	0.96233	-0.12	-0.03	-0.13	0.14	-0.18	-0.19	-0.05	-0.05						
RPpos_463.7892_7.66	RP	pos	7.66	463.7892			4		0.36397	0.68205	-0.26	0.18	0.70	-0.31	-0.38	0.59	0.05840	0.47527	-0.49	-0.30	-0.26	-0.46	-0.34	-0.54	-0.38	-0.38						
HILICneg_464.0969_0.52	HILIC	neg	0.52	464.0969			4		0.20115	0.54584	-0.09	0.08	-0.01	0.19	0.07	-0.02	0.53246	0.83217	-0.05	-0.14	-0.14	-0.05	0.08	-0.01	-0.09	-0.09						
RPneg_464.1552_7.53	RP	neg	7.53	464.1552			4		0.00043	0.03800	1.80	-0.09	0.55	0.99	2.17	0.14	0.92056	0.98868	-0.05	-0.05	0.32	0.17	0.03	-0.10	-0.13	-0.13						
RPpos_464.18155_7.599	RP	pos	7.599	464.1816			4		0.74803	0.89957	0.09	-0.13	-0.20	1.13	0.25	0.28	0.50632	0.90363	0.18	0.17	-0.13	0.13	0.33	0.18	0.58	0.58						
RPpos_464.18155_7.599	RP	pos	7.599	464.1816			4		0.31635	0.64375	0.48	0.46	0.97	0.42	0.69	0.39	0.07878	0.52748	1.09	0.97	1.24	1.08	1.38	0.71	1.22	1.22						
RPpos_464.1906_6.41	RP	pos	6.41	464.1906			4		0.72655	0.88852	0.25	0.29	0.49	0.42	0.45	-0.78	0.03317	0.37420	1.01	0.91	0.92	1.04	1.04	0.91	1.33	1.33						
RPpos_464.1907_6.61	RP	pos	6.61	464.1907			4		0.82896	0.93506	0.27	0.35	0.23	0.52	0.52	-0.46	0.11873	0.60441	0.78	0.79	0.81	1.08	0.49	0.93	0.56	0.56						
HILICpos_464.1912_3.34	HILIC	pos	3.34	464.1912			4		0.64644	0.85064	0.29	0.32	0.55	0.44	0.45	-0.66	0.03377	0.37707	0.98	0.82	0.86	0.98	1.08	0.95	1.28	1.28						
HILICpos_464.2116_0.39	HILIC	pos	0.39	464.2116			4		0.85203	0.94441	0.07	0.38	0.46	-0.05	0.85	0.45	0.64241	0.93684	-0.34	1.43	0.19	-0.85	-0.09	0.01	-0.68	-0.68						
RPpos_464.2132_6.72	RP	pos	6.72	464.2132			4		0.84241	0.94097	0.08	0.39	1.23	0.00	0.63	0.23	0.92788	0.98950	-0.06	1.03	0.23	-0.36	-0.02	-0.09	-0.64	-0.64						
RPneg_464.27692_10.329	RP	neg	10.329	464.2769			4		0.46949	0.75681	-0.15	0.04	0.08	0.06	0.06	0.02	0.82835	0.97425	-0.05	-0.12	-0.18	-0.10	0.24	0.20	-0.14	-0.14						
RPneg_464.27884_10.201	RP	neg	10.201	464.2788			4		0.59436	0.82618	-0.10	-0.14	0.21	-0.02	0.20	-0.07	0.74948	0.96150	0.18	-0.13	0.40	0.14	0.71	0.26	0.14	0.14						
RPpos_464.2837_9.42	RP	pos	9.42	464.2837			4		0.03523	0.30778	0.94	0.03	2.58	0.73	1.04	-0.03	0.11103	0.59279	0.91	-0.17	1.99	1.26	0.20	0.73	-0.57	-0.57						
RPneg_464.30017_7.829	RP	neg	7.829	464.3002			4		0.00237	0.09991	0.30	0.00	0.46	0.28	0.54	0.32	0.37396	0.84310	0.85	0.23	1.02	1.03	0.93	0.96	0.29	0.29						
RPneg_464.30038_6.853	RP	neg	6.853	464.3004			4		0.00372	0.12457	0.39	0.08	0.50	0.40	0.75	0.43	0.89222	0.98433	0.05	-0.26	0.18	0.20	0.05	0.11	-0.27	-0.27						
RPneg_464.30087_7.445	RP	neg	7.445	464.3009			4		0.00337	0.11955	0.28	0.02	0.38	0.32	0.51	0.35	0.58822	0.97939	0.08	-0.14	0.03	0.17	0.17	0.20	-0.18	-0.18						
RPneg_464.30139_7.964	RP	neg	7.964	464.3014			4		0.93337	0.97624	0.04	-0.21	0.30	0.15	0.20	0.04	0.00142	0.07053	0.37	0.17	0.52	0.76	0.25	0.36	-0.08	-0.08						
RPneg_464.30142_7.376	RP	neg	7.376	464.3014			4		0.12464	0.46015	0.31	-0.02	0.90	0.46	0.51	0.14	0.00075	0.04766	0.36	0.17	0.35	0.52	0.35	0.34	0.25	0.25						
RPneg_464.30154_8.137	RP	neg	8.137	464.3015			4		0.11423	0.45002	-0.40	0.01	-0.26	-0.20	-0.34	-0.62	0.18009	0.69493	-0.48	-0.51	-0.37	0.17	-0.37	-0.17	0.62	0.62						
RPneg_464.30182_8.57	RP	neg	8.57	464.3018			4		0.04466	0.33433	0.68	0.14	1.16	0.69	0.82	0.85	0.08890	0.55088	0.23	-0.21	0.43	0.51	0.24	0.21	-0.38	-0.38						
RPneg_464.30182_8.212	RP	neg	8.212	464.3018			4		0.02431	0.27452	0.63	0.04	0.74	0.91	1.38	0.84	0.05986	0.48011	0.14	-0.12	0.44	0.41	0.10	-0.02	-0.14	-0.14						
RPneg_464.30185_7.696	RP	neg	7.696	464.3019			4		0.00958	0.19089	0.62	-0.11	1.00	0.93	1.38	0.18	0.00607	0.16468	0.40	0.01	0.48	0.66	0.48	0.36	-0.08	-0.08						
RPneg_464.30203_7.172	RP	neg	7.172	464.3020			4		0.78207	0.91454	0.13	0.02	0.20	0.16	0.47	-0.10	0.55250	0.91809	0.08	-0.01	0.09	0.09	0.10	0.16	-0.03	-0.03						
HILICneg_464.3021_1.89	HILIC	neg	1.89	464.3021			4		0.02012	0.25756	0.69	0.03	0.85	0.97	1.18	0.77	0.07649	0.52148	0.15	-0.12	0.36	0.37	0.16	0.02	-0.11	-0.11						
HILICneg_464.3024_2.61	HILIC	neg	2.61	464.3024			4		0.01563	0.23292	0.48	-0.09	0.85	0.60	0.60	0.81	0.01929	0.29372	0.33	-0.25	0.46	0.75	0.36	0.37	-0.43	-0.43						
RPneg_464.30258_7.638	RP	neg	7.638	464.3026			4		0.11309	0.44905	0.43	0.41	0.44	0.09	1.01	0.23	0.14486	0.64790	0.93	0.17	0.95	0.63	0.67	1.42	-0.01	-0.01						
RPneg_464.31421_11.135	RP	neg	11.135	464.3142			4		0.81451	0.92943	0.08	-0.07	1.84	-0.30	-0.18	-0.28	0.86737	0.98025	0.06	0.16	0.15	-0.02	0.11	0.12	-0.20	-0.20						
RPneg_464.31454_10.654	RP	neg	10.654	464.3145			4		0.01851	0.24801	-0.44	-0.16	-0.12	-0.36	-0.29	-0.37	0.64651	0.93856	0.06	0.25	0.07	0.21	0.08	0.02	-0.22	-0.22						
RPneg_464.31482_10.809	RP	neg	10.809	464.3148			4		0.43224	0.73152	-0.25	0.00	-0.01	-0.15	0.08	-0.39	0.43320	0.87530	0.37	0.36	0.33	0.31	0.38	0.23	0.52	0.52						
HILICneg_464.3149_1.6	HILIC	neg	1.6	464.3149			4		0.02470	0.27578	-0.41	-0.12	-0.24	-0.39	-0.22	-0.41	0.79687	0.96859	0.12	0.23	0.29	0.15	0.05	0.09	-0.19	-0.19						
RPpos_464.3727_11.08	RP	pos	11.08	464.3727			4		0.13465	0.47388	0.28	0.05	0.12	0.39	0.67	0.32	0.33948	0.62533	-0.12	-0.21	-0.10	-0.22	0.15	-0.17	-0.28	-0.28						
RPpos_464.3734_11	RP	pos	11	464.3734			4		0.21424	0.55674	0.23	0.06	0.17	0.53	0.45	0.48	0.80950	0.87112	0.00	0.15	0.18	0.13	0.08	0.01	-0.39	-0.39						
HILICneg_464																																

Feature_ID	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
									Area Under the Curve (AUC)						Baseline			IV-Ghrelin or Placebo			BrAC=0			Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo			BrAC=0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
									0.01541	0.23287	-0.63	-0.17	-0.16	-0.72	-0.57	-0.23	0.17441	0.68892	-0.32	-0.27	-0.41	-0.27	-0.25	-0.53	-0.05	0.03749	0.31436	-0.45	-0.38	-0.39	-0.33	-0.33	-0.41	0.19905	0.71482	-0.14	-0.06	-0.15	-0.09	0.22	-0.23	-0.30	0.60944	0.83316	-0.17	0.16	0.75	-0.05	-0.29	1.22	0.22266	0.73947	-0.35	-0.14	-0.13	-0.49	-0.49	-0.43	-0.25	-0.36	0.02916	0.29025	0.60	0.05	0.69	0.81	1.42	0.78	0.07478	0.51885	0.12	-0.11	0.39	0.34	0.10	-0.03	-0.12	0.00169	0.08313	0.31	-0.02	0.45	0.33	0.55	0.28	0.38148	0.09	0.87	0.33	0.08	0.33	0.63	0.99	0.32	0.02204	0.26593	0.06	0.37	0.36	0.67	0.52	0.84041	0.03	0.37	0.17	-0.05	0.00	0.19	0.19	-0.23	0.30073	0.62999	-0.29	0.21	-0.04	-0.10	-0.27	-0.26	0.60032	0.932810	0.00	0.17	0.16	0.01	-0.12	-0.04	-0.11	0.05581	0.35822	-0.36	0.17	-0.27	-0.44	-0.09	-0.68	0.84819	0.97736	0.12	0.20	0.12	0.21	0.19	-0.04	0.12	0.23872	0.58033	-0.13	-0.14	-0.01	-0.11	0.25	0.13	0.56770	0.92089	0.17	-0.02	0.49	0.08	0.08	-0.06	0.69	0.87851	0.95461	0.05	-0.10	0.07	0.09	0.44	0.19	0.9801	0.56888	0.20	0.08	0.04	-0.01	0.48	0.18	0.43	0.01314	0.21729	-0.52	-0.19	0.16	-0.22	-0.68	-0.28	0.44738	0.88074	0.41	0.04	0.44	-0.29	0.88	0.19	-0.27	0.46132	0.75191	0.17	-0.19	0.25	0.32	0.60	0.50	0.95530	0.99430	0.02	-0.16	-0.01	0.06	0.10	0.01	-0.19	0.10068	0.43282	0.60	0.61	0.52	0.54	0.86	0.95	0.54394	0.91520	-0.27	-0.23	-0.25	-0.18	-0.35	-0.33	-0.19	0.18615	0.53294	0.46	0.02	1.00	1.23	0.09	-0.27	0.56942	0.92120	0.17	0.11	0.14	0.29	0.39	0.22	-0.28	0.19898	0.54357	-0.41	-0.27	-0.25	0.29	-0.27	0.02	0.92074	0.98863	0.05	0.60	-0.30	-0.30	-0.23	0.39	0.61	0.09947	0.43066	-0.94	0.20	-0.83	-0.09	-0.67	0.59	0.02877	0.35375	-2.07	-0.04	0.25	-1.68	-0.91	0.16	-0.90	0.24906	0.58845	0.28	0.22	0.23	1.02	0.52	0.33	0.98858	0.85750	-0.28	-0.57	-0.36	-0.04	-0.26	-0.26	0.00	0.04169	0.32591	1.72	1.58	2.01	2.38	2.04	0.06	0.36743	0.83918	-0.12	-0.28	-0.16	-0.07	-0.11	-0.08	0.04	0.91137	0.94046	0.01	0.29	0.38	0.08	0.07	-0.16	0.71840	0.95515	-0.05	0.05	0.00	0.07	-0.05	0.07	0.04	0.08	0.07	0.00	0.36	0.56499	0.92065	-0.10	-0.03	-0.16	0.04	0.06	-0.14	-0.02	0.56525	0.85595	0.06	0.18	0.18	0.08	0.00	0.36	0.56499	0.92065	-0.10	-0.03	-0.16	0.04	0.06	-0.14	-0.02	0.55973	0.80916	0.07	0.22	0.22	0.02	0.13	0.21	0.71174	0.95326	-0.05	-0.12	-0.06	0.02	0.02	-0.06	-0.11	0.55338	0.80553	0.14	0.15	0.46	0.10	0.23	0.73	0.36243	0.83662	-0.19	-0.24	-0.09	-0.03	-0.30	-0.34	-0.29	0.06497	0.37491	-0.49	-0.24	0.36	-0.32	-0.44	0.59	0.10937	0.58992	-0.32	-0.39	-0.27	-0.40	0.02	0.04	-0.38	0.22068	0.56303	0.15	-0.16	0.01	0.76	0.29	0.08	0.20119	0.71695	-0.18	0.00	0.07	-0.17	0.04	-0.23	-0.50	0.00039	0.03639	0.82	1.11	1.02	1.28	1.10	0.00001	0.00162	0.45	-0.24	0.65	0.97	0.43	0.42	-0.44	0.00061	0.04735	0.58	0.11	0.73	0.46	1.11	1.47	0.15850	0.66663	0.51	-0.25	0.71	0.87	0.67	0.48	-0.38	0.00034	0.03040	0.77	0.10	1.11	0.87	1.14	1.03	0.00001	0.00242	0.40	-0.23	0.63	0.80	0.39	0.34	-0.41																																																																																																																																																			
HILICneg_467_3732_0_39	HILIC	neg	0.39	467.3732			4		0.18115	0.52687	0.44	0.14	0.14	0.42	1.19	0.02	0.68547	0.94872	-0.09	-0.22	-0.21	0.28	-0.17	-0.09	0.33	11.045	467.3737	0.38442	0.69734	0.06	-0.15	0.14	0.15	0.24	0.13	0.49875	0.90096	-0.14	-0.31	-0.22	-0.30	-0.04	0.09	-0.09	0.63258	0.79153	-0.17	-0.03	0.40	-0.08	-0.40	0.26	0.70350	0.95228	0.04	0.04	0.11	-0.30	0.11	-0.54	-0.19	6.255	468.3322	0.28325	0.61745	0.05	-0.03	0.00	0.02	0.25	-0.05	0.44808	0.89106	-0.03	0.09	0.08	0.02	0.07	-0.06	-0.02	11.196	468.18262	0.05518	0.35667	0.68	-0.02	0.60	0.93	2.28	-0.30	0.47887	0.94718	0.05	-0.23	0.55	-0.18	-0.03	0.08	0.05	0.76787	0.94718	0.05	-0.23	0.55	-0.18	-0.03	0.08	0.05	0.923	468.2714	0.00619	0.15398	-0.58	-0.41	-0.16	-0.52	-0.58	-0.70	0.72659	0.95615	-0.03	-0.21	-0.03	0.07	0.03	0.05	0.06	8.844	468.2733	0.05741	0.36131	-0.43	-0.18	-0.09	-0.41	-0.56	-0.52	0.27709	0.78625	-0.20	-0.18	-0.03	-0.30	-0.12	-0.22	-0.24	10.019	468.2740	0.00736	0.16879	-0.59	-0.20	-0.21	-0.44	-0.68	-0.95	0.62154	0.93338	-0.08	-0.06	-0.03	-0.04	0.00	-0.10	-0.23	9.99	468.2947	0.59194	0.82487	0.05	0.09	0.13	0.07	0.19	0.04	0.87403	0.98176	0.10	0.15	0.10	0.05	0.11	0.10	0.10	1.36	468.3073	0.13780	0.47749	-0.34	-0.03	-0.01	-0.18	-0.32	-0.21	0.23250	0.74941	-0.36	-0.41	-0.41	-0.53	-0.37	-0.37	-0.37	1.22	468.3074	0.13453	0.47369	-0.34	-0.07	-0.13	-0.23	-0.26	-0.09	0.30151	0.80309	-0.30	-0.20	-0.57	-0.45	-0.50	0.01	-0.26	9.87	468.3090	0.16540	0.51065	-0.32	-0.02	-0.10	-0.20	-0.18	-0.18	0.19404	0.70874	-0.38	-0.54	-0.44	-0.55	-0.37	-0.43	-0.33	10.66	468.3095	0.02598	0.28025	-0.51	-0.16	-0.26	-0.48	-0.33	-0.34	0.32822	0.81944	-0.10	-0.04	-0.12	-0.17	0.26	0.03	-0.34	10.59	468.3095	0.03062	0.29503	-0.42	0.03	-0.25	-0.39	-0.32	-0.24	0.22503	0.74166	-0.17	-0.27	-0.25	0.01	-0.03	-0.05	-0.38	9.151	468.3323	0.14585	0.48681	-0.33	-0.21	0.01	-0.42	-0.07	0.14	0.57963	0.92401	-0.18	-0.20	-0.29	0.00	-0.04	-0.22	-0.22	0.62	468.3325	0.09841	0.42894	-0.36	-0.34	0.03	-0.42	-0.07	0.09	0.84483	0.97697	-0.07	-0.27	-0.06	0.12	0.04	-0.18	-0.05	11.09	468.3453	0.10143	0.43369	-0.28	-0.01	-0.18	-0.33	-0.03	-0.47	0.95003	0.99346	-0.10	0.12	0.14	0.22	0.14	0.10	-0.22	11.17	468.3575	0.01475	0.23828	0.30	0.07	0.13	0.51	0.98	-0.64	0.77841	0.96555	-0.10	0.14	0.01	-0.05	0.04	-0.24	-0.09	0.4	468.3889	0.21040	0.55349	-0.40	-0.42	-0.27	-0.13	-0.05	0.19	0.80211	0.96982	0.11	-0.56	-0.41	0.70	0.57	-0.07	0.20	10.46	468.3895	0.22957	0.57111	-0.39	-0.41	-0.39	0.06	-0.13	0.04	0.75250	0.96206	-0.12	-0.68	-0.34	0.46	-0.03	-0.35	0.27	6.35	468.7249	0.15135	0.49367	0.31	0.04	0.71	0.28	0.36	0.68	0.98164	0.99572	-0.06	-0.16	0.08	0.04	-0.05	-0.19	-0.23	0.57	469.0487	0.02473	0.27583	0.24	0.20	0.26	0.30	0.25	0.57	0.44824	0.88112	0.03	-0.13	-0.01	0.04	0.00	0.06	0.55	8.169	469.0974	0.56521	0.81171	-0.05	-0.04	0.09	-0.10	0.08	0.08	0.98315	0.99758	0.01	-0.03	0.04	-0.02	0.04	0.04	0.02	7.53	469.1101	0.63071	0.84357	-0.21	-0.07	-0.22	-0.29	0.07	0.33	0.53575	0.91400	0.14	0.01	-0.13	-0.17	0.12	-0.03	0.94	6.019	469.1352	0.50694	0.78053	0.22	-0.05	0.39	0.24	0.35	0.13	0.21320	0.72988	-0.42	-0.53	-0.50	-0.12	-0.39	-0.31	-0.46	10.757	469.1354	0.01582	0.23382	0.97	-0.11	0.28	0.85	2.20	-0.23	0.94362	0.99197	-0.04	-0.24	0.40	0.02	-0.28	-0.30	-0.07	4.21	469.1422	0.49637	0.77411	-0.15	0.13	0.64	0.10	-0.53	-0.76	0.78372	0.96626	0.01	-0.10	0.07	0.33	0.24	-0.56	-0.05	6.73	469.1681	0.69673	0.87586	0.15	0.44	0.87	0.02	0.78	0.26	0.85568	0.97868	0.08	1.60	0.23	-0.32	-0.01	-0.20	-0.66	5.92	469.1845	0.40052	0.70892	-0.13	0.00	0.37	0.19	-0.18	-0.56	0.00173	0.07883	0.58	0.77	0.61	0.52	0.43	0.51	-0.05	4.562	469.2073	0.54422	0.80043	0.01	0.18	-0.06	-0.11	0.94	-0.34	0.71444	0.95354	0.10	0.22	0.16	0.01	0.19	0.17	0.34	0.39	469.2190	0.04986	0.34518	0.49	-0.07	0.73	0.33	0.86	0.09	0.96458	-0.16	-0.15	0.07	-0.33	-0.41	-0.26	-0.26	8.161	469.2262	0.00951	0.19024	0.57	0.34	0.72	0.54	0.64	0.94	0.22011	0.73707	-0.07	-0.08	-0.09	-0.08	-0.07	-0.05	-0.03	8.839	469.2264	0.21217	0.55485	0.61	1.01

										IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																	
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)										Baseline																		
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo			BrAC=0				Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo			BrAC=0						
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d
HILICpos_470.3322_0.4	HILIC	pos	0.4	470.3322			4		0.48976	0.77100	-0.12	0.28	0.32	-0.03	0.05	-0.07	0.67784	0.94718	-0.20	0.14	0.14	-0.11	-0.18	-0.42	0.48	0.67784	0.94718	-0.20	0.14	0.14	-0.11	-0.18	-0.42	0.48			
RPneg_470.3493_9.419	RP	neg	9.419	470.3493			4		0.60988	0.83340	-0.15	0.13	0.30	-0.36	0.37	0.11	0.00383	0.12787	0.45	0.19	0.34	0.69	0.87	0.20	-0.08	0.00383	0.12787	0.45	0.19	0.34	0.69	0.87	0.20	-0.08			
HILICneg_471.0189_0.5	HILIC	neg	0.5	471.0189			4		0.26584	0.60223	0.29	0.20	0.38	0.53	0.29	0.48	0.14361	0.64563	-0.46	-0.43	-0.49	-0.38	-0.46	-0.43	-0.80	0.14361	0.64563	-0.46	-0.43	-0.49	-0.38	-0.46	-0.43	-0.80			
RPneg_471.15054_11.102	RP	neg	11.102	471.1505			4		0.16630	0.51153	-0.48	0.34	0.03	0.38	-0.46	0.41	0.39838	0.85719	-0.16	0.65	-0.12	-0.65	0.07	-0.24	-0.56	0.39838	0.85719	-0.16	0.65	-0.12	-0.65	0.07	-0.24	-0.56			
HILICpos_471.1517_0.44	HILIC	pos	0.44	471.1517			4		0.12949	0.79363	-0.13	0.07	0.25	-0.23	0.17	0.15570	0.66213	-0.41	-0.36	-0.25	-0.54	-0.15	-0.10	-0.38	0.15570	0.66213	-0.41	-0.36	-0.25	-0.54	-0.15	-0.10	-0.38				
RPneg_471.1586_7.503	RP	neg	7.503	471.1586			4		0.02409	0.27385	0.46	0.21	0.50	0.61	0.68	0.38	0.00784	0.17953	0.36	0.14	0.13	0.10	0.61	0.60	0.09	0.00784	0.17953	0.36	0.14	0.13	0.10	0.61	0.60	0.09			
RPneg_471.17825_7.075	RP	neg	7.075	471.1783			4		0.22746	0.56920	-0.22	-0.10	0.75	-0.16	-0.46	0.10	0.86427	0.97991	-0.13	-0.28	-0.05	-0.45	0.49	-0.13	-0.09	0.86427	0.97991	-0.13	-0.28	-0.05	-0.45	0.49	-0.13	-0.09			
HILICpos_471.1955_0.86	HILIC	pos	0.86	471.1955			4		0.16081	0.50418	-0.36	0.04	0.13	-0.24	-0.55	-0.32	0.37774	0.84565	0.18	0.17	0.81	-0.30	0.39	-0.10	-0.01	0.37774	0.84565	0.18	0.17	0.81	-0.30	0.39	-0.10	-0.01			
RPpos_471.196_5.27	RP	pos	5.27	471.1960			4		0.07811	0.40019	-0.31	0.16	0.14	-0.27	-0.47	-0.32	0.27692	0.78625	0.19	0.36	0.72	-0.18	0.32	-0.10	-0.04	0.27692	0.78625	0.19	0.36	0.72	-0.18	0.32	-0.10	-0.04			
HILICpos_471.199_5.8	HILIC	pos	5.8	471.1990			4		0.89739	0.96266	0.04	0.49	0.65	0.50	-0.06	-1.00	0.04159	0.41415	1.01	0.70	1.00	0.82	0.56	1.31	0.13	0.04159	0.41415	1.01	0.70	1.00	0.82	0.56	1.31	0.13			
HILICpos_471.199_5.92	HILIC	pos	5.92	471.1990			4		0.78471	0.91544	-0.04	0.33	0.44	0.29	-0.07	-0.50	0.06630	0.49712	0.47	0.38	0.45	0.46	0.37	0.77	-0.09	0.06630	0.49712	0.47	0.38	0.45	0.46	0.37	0.77	-0.09			
RPpos_471.2234_4.57	RP	pos	4.57	471.2234			4		0.68135	0.86772	0.03	0.15	-0.03	-0.08	1.05	-0.36	0.72191	0.95590	0.11	0.36	0.21	0.01	0.12	0.14	0.21	0.72191	0.95590	0.11	0.36	0.21	0.01	0.12	0.14	0.21			
RPneg_471.24078_8.093	RP	neg	8.093	471.2408			4		0.21597	0.55823	0.45	0.66	0.61	0.54	0.77	-0.13	0.24900	0.76555	-0.30	-0.33	-0.31	-0.32	-0.29	-0.26	-0.25	0.24900	0.76555	-0.30	-0.33	-0.31	-0.32	-0.29	-0.26	-0.25			
RPneg_471.24112_8.447	RP	neg	8.447	471.2411			4		0.00045	0.03961	0.89	0.71	1.03	0.83	1.26	0.80	0.73211	0.95803	-0.08	-0.17	-0.14	-0.14	0.02	0.01	0.02	0.73211	0.95803	-0.08	-0.17	-0.14	-0.14	0.02	0.01	0.02			
HILICneg_471.2415_0.67	HILIC	neg	0.67	471.2415			4		0.00111	0.06712	0.58	0.42	0.65	0.63	0.76	0.78	0.31567	0.81238	-0.10	-0.27	-0.22	-0.15	-0.04	0.12	0.02	0.31567	0.81238	-0.10	-0.27	-0.22	-0.15	-0.04	0.12	0.02			
RPneg_471.24182_9.523	RP	neg	9.523	471.2418			4		0.84348	0.94136	-0.15	0.82	0.10	-0.06	-0.07	-0.45	0.23939	0.75656	0.21	0.76	0.27	-0.22	0.37	0.71	0.27	0.23939	0.75656	0.21	0.76	0.27	-0.22	0.37	0.71	0.27			
RPneg_471.24191_8.307	RP	neg	8.307	471.2419			4		0.75589	0.90323	0.13	0.63	0.24	0.12	0.28	-0.26	0.15592	0.66241	0.11	-0.02	0.09	0.06	0.18	0.07	0.35	0.15592	0.66241	0.11	-0.02	0.09	0.06	0.18	0.07	0.35			
RPneg_471.24292_9.995	RP	neg	9.995	471.2429			4		0.59755	0.82755	0.01	0.21	0.01	-0.04	0.22	-0.18	0.10780	0.58664	0.23	0.26	0.10	0.24	0.19	0.41	0.32	0.10780	0.58664	0.23	0.26	0.10	0.24	0.19	0.41	0.32			
RPneg_471.24316_8.936	RP	neg	8.936	471.2432			4		0.00269	0.10773	0.49	0.30	0.60	0.43	0.28	0.76	0.28773	0.79407	-0.10	0.28	0.23	0.25	0.13	0.01	0.06	0.28773	0.79407	-0.10	0.28	0.23	0.25	0.13	0.01	0.06			
HILICneg_471.2442_1.81	HILIC	neg	1.81	471.2442			4		0.18373	0.52989	0.45	-0.09	0.68	0.36	0.58	0.72	0.40346	0.85873	-0.27	-0.37	-0.16	-0.23	0.16	-0.44	-0.50	0.40346	0.85873	-0.27	-0.37	-0.16	-0.23	0.16	-0.44	-0.50			
RPneg_471.24503_4.784	RP	neg	4.784	471.2450			4		0.48122	0.76462	0.17	0.02	0.52	0.24	0.45	0.30	0.58401	0.92465	-0.19	-0.29	0.03	-0.32	0.04	-0.22	-0.47	0.58401	0.92465	-0.19	-0.29	0.03	-0.32	0.04	-0.22	-0.47			
RPneg_471.25931_9.153	RP	neg	9.153	471.2593			4		0.00178	0.08549	0.56	0.17	1.18	0.79	0.17	0.84	0.01244	0.23890	0.59	-0.14	0.75	0.79	0.79	0.72	0.02	0.01244	0.23890	0.59	-0.14	0.75	0.79	0.79	0.72	0.02			
RPneg_471.25943_8.778	RP	neg	8.778	471.2594			4		0.01512	0.23161	0.38	0.14	0.87	0.84	-0.17	-0.04	0.02426	0.32836	0.81	0.27	0.70	1.50	1.35	0.55	0.30	0.02426	0.32836	0.81	0.27	0.70	1.50	1.35	0.55	0.30			
HILICpos_471.2909_0.66	HILIC	pos	0.66	471.2909			4		0.59532	0.82654	0.22	0.02	0.86	-0.17	0.74	0.56	0.89876	0.98536	0.04	-0.41	0.44	0.06	-0.03	-0.23	0.21	0.89876	0.98536	0.04	-0.41	0.44	0.06	-0.03	-0.23	0.21			
HILICneg_471.3473_0.39	HILIC	neg	0.39	471.3473			4		0.09291	0.42213	0.59	0.29	0.32	0.47	2.22	-0.15	0.89844	0.98533	0.04	0.43	0.37	-0.22	0.03	0.20	-0.09	0.89844	0.98533	0.04	0.43	0.37	-0.22	0.03	0.20	-0.09			
RPneg_471.34769_11.272	RP	neg	11.272	471.3477			4		0.16210	0.50653	0.20	0.32	0.28	0.20	0.55	0.47	0.24457	0.76082	0.30	1.02	0.26	0.14	0.48	0.19	0.09	0.24457	0.76082	0.30	1.02	0.26	0.14	0.48	0.19	0.09			
HILICpos_471.38_0.41	HILIC	pos	0.41	471.3800			4		0.33142	0.65557	-0.28	-0.25	-0.15	0.03	-0.21	-0.38	0.49011	0.89836	0.26	1.33	-0.10	0.50	-0.01	0.19	0.50	0.49011	0.89836	0.26	1.33	-0.10	0.50	-0.01	0.19	0.50			
HILICneg_471.7271_1.32	HILIC	neg	1.32	471.7271			4		0.26379	0.60089	0.26	0.49	0.30	0.42	0.41	-0.15	0.53434	0.91325	-0.01	-0.08	-0.09	0.19	0.01	-0.01	-0.06	0.53434	0.91325	-0.01	-0.08	-0.09	0.19	0.01	-0.01	-0.06			
RPpos_471.738_5.07	RP	pos	5.07	471.7380			4		0.00781	0.17365	-0.15	0.21	0.01	0.22	-0.38	-0.13	0.79506	0.96812	0.04	0.14	0.12	0.08	-0.18	0.30	0.06	0.79506	0.96812	0.04	0.14	0.12	0.08	-0.18	0.30	0.06			
RPpos_471.7381_4.93	RP	pos	4.93	471.7381			4		0.03374	0.30413	-0.13	0.26	-0.01	0.34	-0.39	0.03	0.43036	0.87379	-0.05	0.06	0.01	-0.07	-0.17	-0.04	-0.03	0.43036	0.87379	-0.05	0.06	0.01	-0.07	-0.17	-0.04	-0.03			
RPneg_472.15482_10.85	RP	neg	10.85	472.1548			4		0.06565	0.37692	0.38	-0.06	0.12	0.00	1.38	-0.12	0.56677	0.92089	0.16	-0.02	0.46	0.05	0.18	0.55	-0.12	0.56677	0.92089	0.16	-0.02	0.46	0.05	0.18	0.55	-0.12			
RPneg_472.177_11.199	RP	neg	11.199	472.1770			4		0.00224	0.21031	1.05	0.05	0.32	0.88	2.27	-0.22	0.51733	0.98820	0.00	-0.08	0.19	-0.13	0.14	-0.15	0.03	0.51733	0.98820	0.00	-0.08	0.19	-0.13	0.14	-0.15	0.03			
RPpos_472.2889_6.39	RP	pos	6.39	472.2889			4		0.45434	0.74686	-0.31	-0.02	0.44	-0.25	-0.09	0.09	0.39734	0.79957	0.46	0.37	0.20	0.65	0.40	0.47	0.15	0.39734	0.79957	0.46	0.37	0.20	0.65	0.40	0.47	0.15			
RPneg_472.2894_7.63	RP	neg	7.63	472.2894			4		0.58555	0.82159	-0.18	-0.25	0.17	-0.18	-0.09	0.36	0.84600	0.97713	0.00	0.49	0.38	0.10	-0.10	-0.62	-0.18	0.84600	0.97713	0.00	0.49	0.38	0.10	-0.10	-0.62	-0.18			
RPneg_																																					

												IV-Alcohol self-administration (IV-ASA)									IV-Alcohol clamp (IV-AC)																								
												IV-Ghrelin or Placebo									IV-Ghrelin or Placebo																								
												Area Under the Curve (AUC)				Baseline					BrAC=0				Area Under the Curve (AUC)				Baseline			Post-LD				IV-AC				Post-AC			BrAC=0		
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	p			q			d			d			d			d			d			d			d			d			d						
									p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	
RPneg_475.16348_10.85	RP	neg	10.85		475.1635		4		0.08802	0.41499	0.39	-0.07	0.12	0.06	1.38	0.00	0.67714	0.94718	0.11	0.00	0.34	0.08	0.21	0.08	0.08	-0.10																			
RPpos_475.1835_10.16	RP	pos	10.16		475.1835		4		0.54753	0.80252	0.21	0.49	0.95	-0.12	0.28	-0.01	0.37943	0.84640	-0.55	-0.30	0.22	-0.49	-0.03	-1.06	0.18																				
HILICpos_475.1951_5.8	HILIC	pos	5.8		475.1951		4		0.62055	0.83891	0.18	0.59	0.79	0.37	0.13	-0.48	0.02787	0.34917	1.11	1.35	1.05	1.31	0.80	0.68	0.34																				
RPneg_475.19534_6.903	RP	neg	6.903		475.1953	adduct of cortisol	4		6.02E-07	0.00077	2.83	0.13	3.47	2.46	4.90	-0.48	0.00000	0.00000	2.71	-0.16	2.38	3.56	3.06	2.95	-0.30																				
RPneg_475.19586_6.772	RP	neg	6.772		475.19586		4		0.07314	0.39166	-0.35	-0.40	0.26	-0.05	0.63	-0.15	0.30536	0.80519	-0.54	-0.25	-0.49	-0.88	0.11	-0.05	-0.25																				
HILICneg_475.2466_4.94	HILIC	neg	4.94		475.2466		4		0.80429	0.92469	0.01	-0.02	0.03	0.25	0.75	0.00	0.03521	0.09971	0.05	-0.21	0.06	0.04	0.04	0.16	-0.35																				
RPneg_475.26767_9.227	RP	neg	9.227		475.2677		4		0.09159	0.42023	-0.38	-0.20	-0.31	-0.37	-0.30	-0.59	0.01708	0.27919	0.52	-0.01	0.30	0.71	0.68	0.72	0.59																				
RPpos_475.2968_11.8	RP	pos	11.8		475.2968		4		0.84955	0.94362	0.08	-0.04	-0.32	0.76	0.34	-0.20	0.76928	0.96454	0.00	0.32	-0.14	0.91	-0.63	0.02	-0.49																				
RPneg_475.30612_9.835	RP	neg	9.835		475.3061		4		0.86693	0.95015	0.07	-0.30	2.14	-0.13	-0.24	-0.14	0.00500	0.14866	-0.37	-0.37	0.08	-0.61	-0.28	-0.41	-0.86																				
RPneg_475.32645_9.576	RP	neg	9.576		475.3265		4		0.43019	0.73046	0.27	0.56	0.50	0.27	0.44	-0.44	0.01932	0.29372	0.68	0.80	0.71	0.61	0.68	0.63	0.76																				
HILICneg_475.327_1.32	HILIC	neg	1.32		475.3270		4		0.38014	0.69437	0.32	0.57	0.52	0.41	0.46	-0.36	0.00172	0.07875	0.85	0.72	0.79	0.87	0.88	0.86	0.60																				
RPneg_475.3429_10.19	RP	neg	10.19		475.3429		4		0.12824	0.46431	0.51	0.39	0.63	0.63	0.81	-0.17	0.98170	0.99752	-0.01	-0.17	-0.13	0.01	0.14	0.13	-0.05																				
RPneg_475.3797_11.507	RP	neg	11.507		475.3797		4		0.35965	0.67828	0.08	-0.21	-0.28	0.14	0.82	0.28	0.04266	0.41676	-0.17	-0.25	-0.21	-0.10	-0.06	-0.11	-0.33																				
RPpos_475.4385_12.61	RP	pos	12.61		475.4385		4		0.94933	0.98123	-0.01	0.26	0.12	0.12	0.30	0.07	0.07064	0.50856	0.32	0.36	0.29	0.18	0.06	0.51	0.13																				
HILICpos_475.4473_3.6	HILIC	pos	3.6		475.4473		4		0.61110	0.83386	-0.15	0.07	0.17	0.19	-0.04	-0.62	0.00002	0.00433	0.45	0.54	0.34	0.35	0.37	0.46	0.36																				
RPpos_476.1117_7.07	RP	pos	7.07		476.1117		4		0.14865	0.49096	-0.25	-0.30	0.82	-0.17	-0.51	0.40	0.67559	0.94697	-0.23	-0.31	-0.04	-0.43	0.17	-0.15	-0.10																				
RPneg_476.15564_7.169	RP	neg	7.169		476.1556		4		0.42281	0.72489	-0.25	-0.16	-0.07	-0.02	-0.23	-0.89	0.04326	0.41903	3.53	2.88	4.42	2.93	2.81	2.92	2.77																				
RPpos_476.1918_6.93	RP	pos	6.93		476.1918		4		0.45101	0.74461	0.07	-0.06	0.18	0.38	0.02	0.05	0.06935	0.50470	0.31	0.35	0.08	0.55	0.34	0.66	0.18																				
RPpos_476.192_7.45	RP	pos	7.45		476.1920		4		0.37220	0.68821	0.15	-0.02	0.30	0.36	0.19	0.01	0.14038	0.64251	0.34	0.11	0.11	0.04	0.07	0.57	0.51																				
RPneg_476.1920_7.064	RP	neg	7.064		476.1920		4		0.24758	0.58752	0.41	0.44	0.67	0.47	0.52	-0.13	0.00029	0.02558	1.32	1.33	-1.19	1.32	1.34	1.47	1.31																				
HILICpos_476.2261_0.94	HILIC	pos	0.94		476.2261		4		0.71775	0.88483	0.04	0.20	0.20	0.19	0.31	-0.47	0.05855	0.47550	-0.32	-0.37	-0.13	-0.15	-0.31	-0.64	-0.17																				
RPneg_476.24649_9.234	RP	neg	9.234		476.2465		4		0.62353	0.84026	0.14	0.01	0.40	0.12	0.18	0.31	0.99667	0.99953	0.00	-0.38	0.26	0.12	0.15	-0.14	-0.21																				
RPpos_476.2771_9.83	RP	pos	9.83		476.2771		4		0.73371	0.89218	-0.04	-0.14	0.43	0.04	0.01	0.41	0.42849	0.87288	0.30	0.29	0.24	0.73	0.35	0.12	0.15																				
HILICneg_476.2777_1.79	HILIC	neg	1.79		476.2777		4		0.44854	0.74295	-0.18	-0.23	0.41	0.21	-0.11	-0.21	0.93232	0.98984	0.00	-0.16	0.03	0.09	0.22	0.03	-0.30																				
HILICneg_476.2777_2.05	HILIC	neg	2.05		476.2777		4		0.60900	0.83311	-0.14	-0.12	0.32	0.26	-0.06	-0.11	0.89648	0.98504	-0.07	-0.12	-0.04	-0.03	0.14	-0.02	-0.33																				
RPneg_476.27823_10.265	RP	neg	10.265		476.2782		4		0.56425	0.81126	-0.15	-0.07	0.48	0.22	-0.04	-0.11	0.92128	0.98863	-0.06	-0.15	-0.09	-0.09	0.23	0.05	-0.43																				
RPneg_476.30222_9.002	RP	neg	9.002		476.3022		4		0.13939	0.47911	0.09	0.02	0.17	-0.06	0.33	0.51	0.48145	0.89516	-0.14	-0.17	-0.04	-0.10	-0.16	-0.19	-0.17																				
HILICpos_476.3051_0.62	HILIC	pos	0.62		476.3051		4		0.13862	0.47807	-0.38	-0.27	0.34	0.06	-0.45	0.12	0.01180	0.23150	-0.59	-0.37	-0.47	-0.52	-0.24	-0.15	-0.30																				
RPpos_476.306_4.66	RP	pos	4.66		476.3060		4		0.29098	0.62396	-0.34	-0.15	0.71	0.08	-0.49	0.67	0.01873	0.29089	-0.50	-0.27	-0.23	-0.43	-0.23	-0.46	-0.65																				
RPpos_476.3064_4.79	RP	pos	4.79		476.3064		4		0.24705	0.58731	-0.34	-0.08	0.48	0.31	-0.40	0.26	0.04188	0.41486	-0.43	-0.32	-0.07	-0.41	0.03	-0.26	-0.48																				
RPpos_476.3745_9.5	RP	pos	9.5		476.3745		4		0.73145	0.89908	-0.03	0.25	0.41	-0.19	0.13	-0.14	0.85209	0.97768	0.12	-0.21	0.39	0.43	0.08	0.11	-0.20																				
RPpos_476.394_8.13	RP	pos	8.13		476.394		4		0.45101	0.80008	-0.40	0.19	-0.10	-0.26	-0.24	0.69	0.79642	0.96832	0.10	0.14	-0.19	0.19	-0.16	0.25	0.41																				
RPneg_477.08554_7.957	RP	neg	7.957		477.0855		4		0.33677	0.47653	-0.52	0.08	-0.02	0.05	-0.19	0.12	0.05455	0.46327	-0.23	0.08	0.04	0.07	-0.46	-0.89	-0.06																				
RPneg_477.08582_7.955	RP	neg	7.955		477.0858		4		0.19381	0.53927	-0.43	0.13	-0.01	-0.09	0.41	-0.41	0.65493	0.94016	-0.09	0.08	-0.06	0.03	0.25	-0.19	-0.03																				
HILICneg_477.0992_0.5	HILIC	neg	0.5		477.0992		4		0.46038	0.75115	0.21	0.22	0.34	0.42	0.13	0.77	0.16579	0.67711	-0.45	-0.48	-0.41	-0.31	-0.61	-0.41	-0.63																				
RPneg_477.10263_5.787	RP	neg	5.787		477.1026		4		0.01465	0.22805	0.36	0.09	0.30	0.53	0.64	-0.43	0.79842	0.96921	-0.09	-0.19	-0.18	-0.11	0.01	0.08	-0.02																				
HILICneg_477.1035_3.4	HILIC	neg	3.4		477.1035		4		0.03793	0.31485	0.26	-0.09	0.21	0.47	0.48	-0.47	0.79047	0.96713	-0.09	-0.21	-0.19	-0.11	0.01	0.11	0.01																				
RPneg_477.10498_5.492	RP	neg	5.492		477.1050		4		0.05516	0.35667	0.53	-0.06	0.29	0.77	1.35	-0.47	0.67784	0.94718	0.16	-0.08	-0.05	0.16	0.47	0.58	-0.04																				
RPpos_477.1195_7.07	RP	pos	7.07		477.1195		4		0.09768	0.42769	-0.32	-0.24	0.49	-0.11	-0.52	0.09	0.88187	0.98281	-0.10	-0.16	0.05	-0.59	0.29	-0.05	0.15																				
RPpos_477.1426_7.41	RP	pos	7.41		477.1426		4		0.57171	0.81503	0.04	-0.05	0.18	0.15	0.11	0.48	0.01480	0.25933	0.10	0.03	-0.09	0.02	0.22	0.18	0.15																				
RPneg_477.17712_10.923	RP	neg	10.923		477.1771		4		0.01076	0.20147	0.78	0.22	0.59	0.66	1.66	0.02	0.76422	0.96330	0.03	-0.32	0.64	-0.33	-0.06	0.13	-0.06																				
RPneg_477.17905_11	RP	neg	11		477.1791		4		0.00216	0.09450	1.22	0.18	0.76	0.70	2.34	-0.04	0.74038	0.95980	0.12	-0.05	0.49	-0.01	0.16	0.06	-0.08																				
HILICpos_477.2104_5.8	HILIC	pos	5.8		477.2104		4		0.63269	0.84427	0.17	0.59	0.73	0.30	0.22	-0.89	0.09521	0.56376	0.84	0.38	0.90	0.92	0.52	0.67	0.14																				
RPneg_477.21304_8.13	RP	neg	8.13		477.2130		4		0.39094	0.70197	-0.27	0.02	0.57	-0.51	-0.49	-0.08	0.75537	0.96233	0.12	-0.10	0.57	-0.46	0.60	-0.27	0.02																				
RPneg_477.23401_6.751	RP	neg	6.751		477.2340		4		0.48829	0.77009	0.19	0.29	0.49	0.16	0.24	0.27	0.93659	0.83402	-0.20	-0.34	-0.27	-0.11	-0.52	0.10	-0.17																				
RPneg_477.2597_6.772	RP	neg	6.772		477.2597		4		0.19598	0.54092	0.31	0.24	0.29	0.43	0.54	0.81	0.18003	0.69487	-0.38	-0.42	-0.40	-0.40	-0.30	-0.35	-0.36																				
RPpos_477.2673_6.6	RP	pos	6.6		477.2673		4		0.64143	0.84812	-0.12	-0.34	0.33	0.08	-0.12	0.29	0.99046	0.99856	-0.03	0.02	0.03	0.15	0.06	-0.85	-0.05																				

Feature_ID	Mode	Ionization	Average Rt.min.	Average.Mz	Metabolite	MSMS	ID_level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)											IV-Alcohol clamp (IV-AC)														
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo					BrAC=0			Area Under the Curve (AUC)			BrAC=0			Post-LD		IV-Ghrelin or Placebo			Post-AC		BrAC=0	
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d
RPneg_479.12039_6.072	RP	neg	6.072	479.1204			4		0.17751	0.52334	0.32	-0.09	0.55	0.45	0.36	-0.27			0.48418	0.89681	0.38	-0.17	0.04	0.22	0.94	1.78	-0.18							
RPneg_479.13794_6.904	RP	neg	6.904	479.1379	adduct of cortisol		4		8.72E-08	0.00030	2.42	0.26	3.05	2.10	3.58	-0.57			0.00000	0.00000	2.65	-0.14	2.20	3.87	2.45	2.72	-0.42							
RPneg_479.19324_11.194	RP	neg	11.194	479.1932			4		0.01594	0.23882	0.96	-0.01	0.44	1.07	2.57	-0.34			0.93133	0.98984	-0.05	-0.25	0.19	2.47	0.05	0.03	0.02							
RPneg_479.22763_7.131	RP	neg	7.131	479.2276			4		0.00116	0.06905	0.84	0.82	0.95	1.18	0.74	0.68			0.58626	0.92534	0.27	-0.04	0.11	0.27	0.67	0.66	-0.13							
RPneg_479.22775_7.741	RP	neg	7.741	479.2278			4		0.01556	0.20706	-0.10	-0.23	-0.20	-0.18	-0.64	0.08			0.25710	0.77250	-0.62	-0.41	-0.36	-0.53	-0.67	-0.10	-0.36							
RPneg_479.22921_7.513	RP	neg	7.513	479.2291			4		0.17341	0.51891	0.15	0.02	0.19	0.32	0.41	0.08			0.62886	0.75442	0.39	0.04	0.28	0.19	0.52	0.40	-0.02							
RPneg_479.22943_7.037	RP	neg	7.037	479.2294			4		0.00167	0.08275	0.66	0.07	0.73	1.02	1.46	-0.32			0.27401	0.78435	0.32	-0.02	-0.01	0.38	0.82	0.64	-0.33							
RPneg_479.26453_8.748	RP	neg	8.748	479.2645			4		0.35049	0.67073	-0.02	0.03	0.01	-0.06	0.10	0.28			0.63185	0.93546	-0.09	-0.10	-0.07	-0.11	0.04	-0.05	-0.11							
RPneg_479.26532_6.573	RP	neg	6.573	479.2653			4		0.32514	0.65082	-0.30	-0.13	-0.20	-0.27	-0.04	-0.71			0.65458	0.94016	1.46	1.13	1.83	1.48	1.11	1.34	1.65							
HLICneg_479.2834_0.46	HLIC	neg	0.46	479.2834			4		0.15352	0.49650	-0.23	0.27	-0.10	-0.40	0.27	-0.59			0.90348	0.98602	0.13	0.20	0.35	0.15	0.31	-0.04	-0.26							
RPneg_479.30182_9.311	RP	neg	9.311	479.3018			4		0.69438	0.87465	-0.14	-0.14	-0.12	-0.06	-0.12	-0.14			0.81809	0.97238	0.04	0.07	0.02	0.05	0.02	0.09	0.09							
RPneg_480.16684_8.443	RP	neg	8.443	480.1668			4		0.00025	0.03035	0.68	-0.03	1.41	0.73	1.28	0.24			0.00005	0.00696	0.64	-0.10	0.55	0.78	1.33	1.15	-0.26							
RPneg_480.18164_10.877	RP	neg	10.877	480.1816			4		0.48299	0.76624	0.26	0.03	-0.05	-0.07	1.74	0.39			0.90058	0.98557	0.01	-0.54	0.52	-0.30	-0.14	0.54	0.01							
HLICpos_480.2125_1.33	HLIC	pos	1.33	480.2125			4		0.14477	0.48549	0.68	0.71	1.15	0.75	0.83	-0.44			0.29999	0.80208	0.42	0.65	0.62	0.51	0.32	0.27	-0.08							
RPpos_480.2444_6.75	RP	pos	6.75	480.2444			4		0.74655	0.89905	-0.13	0.24	0.69	-0.22	0.73	-0.14			0.88090	0.98281	0.04	0.91	0.44	-0.41	0.14	-0.10	-0.54							
RPneg_480.2778_9.061	RP	neg	9.061	480.2778			4		0.12730	0.46385	0.26	0.16	0.41	0.14	0.39	0.68			0.69340	0.95008	-0.14	-0.25	0.09	-0.06	-0.15	-0.21	-0.30							
HLICpos_480.3073_1.61	HLIC	pos	1.61	480.3073			4		0.46572	0.75454	-0.23	-0.22	-0.03	0.07	0.00	-0.47			0.53956	0.91464	0.19	-0.22	0.21	0.29	0.63	0.11	-0.12							
RPneg_480.30795_10.445	RP	neg	10.445	480.3080			4		0.00725	0.16778	-0.59	0.11	-0.09	-0.78	-0.19	-0.46			0.08405	0.53900	-0.16	-0.18	-0.20	-0.18	-0.08	-0.13	-0.38							
RPpos_480.3083_10.44	RP	pos	10.44	480.3083			4		0.71082	0.88198	-0.19	-0.19	0.02	-0.16	-0.14	-0.23			0.32394	0.81725	-0.28	-0.03	-0.17	0.33	0.64	0.33	-0.05							
RPpos_480.3085_9.9	RP	pos	9.9	480.3086			4		0.03066	0.29518	-0.60	-0.28	-0.20	-0.43	-0.47	-0.28			0.45084	0.88211	-0.17	-0.11	-0.20	-0.18	-0.34	0.06	0.04							
RPneg_480.3089_10.875	RP	neg	10.875	480.3089			4		0.05665	0.35927	-0.40	-0.02	-0.37	-0.19	-0.11	-0.46			0.23989	0.75656	-0.09	-0.14	-0.06	-0.06	0.22	-0.05	-0.53							
RPneg_480.30905_10.314	RP	neg	10.314	480.3091			4		0.01076	0.20147	-0.46	0.08	0.03	-0.40	-0.29	-0.38			0.06465	0.49288	-0.19	-0.09	-0.22	-0.31	0.03	-0.08	-0.41							
HLICpos_480.3091_1.84	HLIC	pos	1.84	480.3091			4		0.43815	0.73563	-0.24	-0.14	0.09	0.02	-0.03	-0.42			0.55507	0.91888	0.17	0.01	0.13	0.22	0.52	0.17	-0.12							
RPneg_480.30917_10.768	RP	neg	10.768	480.3092			4		0.01841	0.24749	-0.44	-0.03	-0.46	-0.25	-0.20	-0.47			0.08030	0.53058	-0.13	-0.26	-0.15	-0.07	0.12	-0.06	-0.52							
HLICneg_480.3101_1.96	HLIC	neg	1.96	480.3101			4		0.05217	0.34975	-0.37	0.00	-0.14	-0.24	-0.19	-0.43			0.06066	0.48129	-0.10	-0.12	-0.11	-0.07	0.13	-0.08	-0.44							
HLICneg_480.3102_1.34	HLIC	neg	1.34	480.3102			4		0.01052	0.19941	-0.44	0.06	-0.08	-0.24	-0.44	-0.34			0.06297	0.48778	-0.16	-0.23	-0.08	-0.17	0.03	-0.18	-0.26							
HLICpos_480.3444_1.08	HLIC	pos	1.08	480.3444			4		0.00422	0.13243	-0.51	-0.03	0.00	-0.36	-0.48	-0.53			0.98885	0.99810	0.27	0.23	0.54	0.21	0.50	0.03	-0.22							
RPpos_480.4249_11.37	RP	pos	11.37	480.4249			4		0.28027	0.61455	-0.39	-0.13	0.05	0.23	0.02	0.24			0.78565	0.96686	-0.09	-0.18	-0.59	0.29	0.27	-0.20	-0.21							
RPpos_480.8021_6.39	RP	pos	6.39	480.8021			4		0.38656	0.69906	-0.34	-0.02	1.03	-0.28	-0.21	-0.06			0.59869	0.92780	0.27	0.30	-0.07	0.78	0.17	0.25	-0.66							
RPneg_481.09689_11.192	RP	neg	11.192	481.0969			4		0.00060	0.04712	1.61	-0.04	0.55	1.18	3.50	-0.48			0.92388	0.98905	0.03	-0.23	0.46	-0.22	0.10	0.02	0.04							
RPneg_481.13681_7.428	RP	neg	7.428	481.1368			4		0.30249	0.63173	0.09	0.03	0.19	0.43	0.30	-0.02			0.00092	0.05441	0.12	-0.11	-0.07	0.27	0.32	0.11	0.04							
HLICneg_481.1673_0.55	HLIC	neg	0.55	481.1673			4		0.14928	0.49185	0.21	0.01	0.26	0.41	0.47	0.37			0.34485	0.82809	0.08	-0.30	-0.07	0.33	0.16	0.26	0.14							
HLICneg_481.1701_6.99	HLIC	neg	6.99	481.1701			4		0.07654	0.35242	-0.09	0.03	0.46	0.07	-0.10	-0.67			0.06039	0.44809	0.26	-0.04	0.61	0.63	0.10	-0.35	-0.04							
RPneg_481.17148_6.764	RP	neg	6.764	481.1715			4		0.27552	0.61073	0.53	0.09	0.73	0.80	0.59	-0.26			0.94564	0.99197	0.01	-0.07	0.01	0.12	0.09	0.21	-0.01							
RPpos_481.1854_1.6	RP	pos	1.6	481.1854			4		0.57985	0.81821	-0.06	0.05	0.12	0.03	-0.13	-0.64			0.05256	0.45545	-0.34	-0.49	-0.13	-0.38	-0.31	-0.29	-0.64							
RPneg_481.1864_7.503	RP	neg	7.503	481.1864			4		0.01739	0.24235	0.46	0.04	0.53	0.63	0.87	0.58			0.00126	0.06535	0.39	-0.09	0.06	0.39	0.65	0.70	0.10							
HLICpos_481.1872_3.94	HLIC	pos	3.94	481.1872			4		0.30770	0.63634	0.27	0.12	1.18	0.29	0.21	-0.87			0.00174	0.07930	1.31	0.40	2.20	1.76	1.36	0.36	-0.17							
HLICpos_481.205_0.55	HLIC	pos	0.55	481.2050			4		0.45444	0.74686	-0.02	0.03	0.43	-0.06	0.14	-0.08			0.00575	0.15994	0.43	0.29	0.32	0.52	0.96	0.16	-0.20							
RPpos_481.2232_6.78	RP	pos	6.78	481.2232			4		0.66788	0.86123	-0.13	0.02	0.87	1.10	-0.30	-0.12			0.75420	0.96233	-0.14	-0.12	-0.08	-0.11	-0.05	0.01	-0.42							
HLICneg_481.2433_3.22	HLIC	neg	3.22	481.2433			4		9.73E-08	0.00030	1.00	0.27	1.19	1.09	1.32	-0.27			0.00000	0.00001	1.35	0.60	0.52	1.39	2.18	1.75	-0.18							
RPneg_481.24408_7.265	RP	neg	7.265	481.2441			4		0.12446	0.46006	1.14	0.97	1.12	1.20	1.09	2.00			0.99432	0.99904	0.00	-0.29	0.02	0.06	0.06	0.24	-0.44							
RPneg_481.24414_7.013	RP	neg	7.013	481.2441		481.2418 (100), 75.0087 (20), 85.0298 (15), 113.0248 (10), 391.4025 (5)	4		0.00173	0.08397	0.66	0.58	0.76	0.70	0.69	0.94			0.64625	0.93														

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MS/MS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									p	q	d	d	d	d	Baseline	IV-ASA	BrAc=0	Baseline	Post-LD	IV-AC	p	q	d	d	d	d	Baseline	Post-LD	IV-AC	BrAc=0	Baseline	Post-LD
RPneg_484.20053_14.174	RP	neg	14.174	484.2005			4		0.40832	0.71427	-0.28	0.23	-0.65	0.94	-0.53	0.03	0.34182	0.82691	-0.20	-0.74	-0.18	-0.09	-0.30	0.01	0.24							
RPneg_484.24933_12.045	RP	neg	12.045	484.2493			4		0.04905	0.34414	-0.47	-0.11	0.01	-0.08	-0.42	-0.20	0.84584	0.97710	0.07	0.14	-0.22	0.00	-0.50	0.60	1.12							
RPneg_484.26791_9.156	RP	neg	9.156	484.2679			4		0.69353	0.87416	-0.12	-0.05	0.13	0.09	-0.02	-0.23	0.12657	0.61763	-0.30	-0.48	-0.44	-0.29	-0.21	-0.22	0.05							
RPneg_484.26801_8.977	RP	neg	8.977	484.2680			4		0.86761	0.95056	-0.04	-0.02	0.23	0.16	0.18	-0.21	0.27165	0.78271	-0.16	-0.58	-0.05	-0.05	-0.16	0.01	0.01							
RPneg_484.28247_9.175	RP	neg	9.175	484.2824	adduct of chenodeoxycholic acid glycine conjugate	no autoMSMS	4		0.00031	0.03332	0.80	0.12	1.06	0.93	1.27	0.91	0.00000	0.00064	0.47	-0.23	0.74	0.95	0.44	0.39	-0.43							
HILICneg_484.28247_8.192	RP	neg	8.192	484.2825			4		0.05964	0.36531	0.35	0.02	0.95	0.36	0.60	0.34	0.32204	0.81567	0.17	-0.29	0.33	0.36	0.17	0.20	-0.32							
HILICneg_484.28247_1.06	HILIC	neg	1.06	484.2826			4		0.00023	0.02892	0.94	0.16	1.21	1.15	1.56	1.48	0.09307	0.11145	0.57	-0.29	0.83	1.16	0.57	0.54	-0.45							
RPneg_484.28323_9.323	RP	neg	9.323	484.2832			4		0.00140	0.07596	0.55	0.08	0.79	0.58	0.85	1.04	0.20440	0.72067	0.56	-0.31	0.73	0.94	0.66	0.78	-0.45							
RPpos_484.2897_8.39	RP	pos	8.39	484.2897			4		0.08975	0.41828	0.15	0.04	0.27	0.21	0.27	0.21	0.03035	0.36384	0.16	0.03	0.12	0.24	0.29	0.13	0.05							
RPpos_484.2902_8.74	RP	pos	8.74	484.2902			4		0.72431	0.88758	0.02	0.03	0.03	0.02	0.07	0.11	0.35449	0.83325	-0.03	-0.04	-0.04	-0.04	0.00	-0.05	-0.05							
RPpos_484.291_8.26	RP	pos	8.26	484.2910			4		0.15519	0.49790	0.26	0.20	0.51	0.46	0.49	-0.08	0.80492	0.97001	0.03	-0.19	-0.08	0.15	0.24	0.08	-0.13							
RPpos_484.3266_10.37	RP	pos	10.37	484.3266			4		0.29997	0.62947	0.21	0.47	0.69	0.59	0.06	-0.41	0.00002	0.00423	1.35	0.73	0.85	1.32	1.84	1.51	0.71							
HILICpos_484.3464_0.41	HILIC	pos	0.41	484.3464		no autoMSMS	4		0.50876	0.78161	-0.11	0.26	0.25	-0.04	0.15	-0.14	0.85945	0.97939	-0.13	0.00	-0.01	-0.01	0.04	-0.44	0.61							
HILICneg_485.1032_0.54	HILIC	neg	0.54	485.1032			4		0.25379	0.59219	0.36	0.40	0.10	0.43	0.43	0.87	0.65683	0.94066	0.02	-0.12	-0.04	-0.02	1.17	-0.12	0.70							
RPneg_485.16629_5.716	RP	neg	5.716	485.1663			4		0.92736	0.97411	0.18	0.23	0.31	0.40	0.41	-0.16	0.17305	0.68678	-0.35	-0.54	-0.44	-0.19	-0.37	-0.19	-0.12							
HILICneg_485.1672_3.4	HILIC	neg	3.4	485.1672			4		0.65399	0.85451	0.06	0.07	0.28	0.23	0.06	-0.08	0.20826	0.72407	-0.46	-0.92	-0.73	-0.08	-0.29	-0.05	0.16							
RPneg_485.16721_11.251	RP	neg	11.251	485.1672			4		0.09500	0.29493	-0.57	-0.10	-0.77	-0.20	-0.15	-0.10	0.72782	0.92224	-0.08	-0.46	0.50	-0.69	-0.31	-0.36	0.81							
HILICpos_485.1785_5.8	HILIC	pos	5.8	485.1785			4		0.58027	0.81839	0.18	0.70	0.58	0.32	0.20	-0.99	0.00672	0.17372	1.26	0.64	0.88	1.57	0.85	1.05	-0.03							
RPpos_485.1998_6.75	RP	pos	6.75	485.1998			4		0.99159	0.99727	0.00	0.33	0.22	0.06	0.51	0.94	0.42136	0.65935	0.54	0.55	0.40	-0.26	-0.38	-0.02	0.29							
RPneg_485.23016_10.002	RP	neg	10.002	485.2302			4		0.50798	0.78115	0.05	0.11	0.15	0.09	0.17	0.03	0.90627	0.98670	0.12	0.07	0.07	0.14	0.16	0.13	0.07							
HILICneg_485.2322_1.42	HILIC	neg	1.42	485.2322			4		0.78881	0.91739	0.06	0.07	0.14	0.06	0.22	0.05	0.99542	0.99942	0.10	0.05	0.14	0.03	0.13	0.10	0.13							
RPpos_485.2952_11.08	RP	pos	11.08	485.2952			4		0.14149	0.48104	0.19	0.22	0.08	0.22	0.43	0.09	0.29795	0.79993	-0.15	-0.17	-0.04	-0.29	-0.02	-0.22	-0.15							
HILICpos_485.3572_1.56	HILIC	pos	1.56	485.3572			4		0.20095	0.54562	0.23	0.17	-0.03	0.33	0.81	0.25	0.15538	0.66179	0.20	0.08	0.66	-0.93	0.19	0.20	0.34							
HILICpos_485.3574_1.72	HILIC	pos	1.72	485.3574			4		0.25541	0.59371	0.20	0.10	-0.09	0.33	0.92	0.16	0.15656	0.66394	0.28	0.16	0.57	-0.65	0.26	0.46	0.33							
RPpos_485.3611_11.86	RP	pos	11.86	485.3611			4		0.03817	0.31554	-0.27	-0.25	-0.27	-0.40	-0.07	0.45	0.39568	0.85478	-0.21	-0.08	-0.07	-0.11	0.17	-0.02	-0.34							
RPpos_485.8015_7.71	RP	pos	7.71	485.8015			4		0.12416	0.45941	-0.36	-0.32	0.54	-0.49	-0.19	0.93	0.29295	0.79688	-0.33	-0.25	0.00	-0.38	-0.09	-0.32	-0.39							
HILICneg_485.9866_5.41	HILIC	neg	5.41	485.9866			4		0.74956	0.90015	0.09	0.10	0.35	0.01	0.33	0.58	0.16540	0.67660	0.05	-0.14	0.21	0.10	0.08	0.16	-0.67							
RPneg_486.10162_11.113	RP	neg	11.113	486.1016			4		0.02394	0.27292	-0.77	0.33	0.05	-0.46	-1.11	0.34	0.65493	0.94016	0.16	0.73	-0.14	0.47	-0.14	-0.01	-0.07							
RPpos_486.1375_7.41	RP	pos	7.41	486.1375			4		0.74523	0.89857	0.06	0.07	0.22	0.21	0.33	0.28	0.03669	0.37697	0.06	0.01	0.03	0.06	0.18	0.08	-0.11							
HILICpos_486.2033_0.56	HILIC	pos	0.56	486.2033			4		0.02423	0.27422	-0.46	-0.24	0.10	-0.23	-0.55	0.17	0.54150	0.91464	0.31	0.05	0.39	-0.37	0.46	0.29	-0.22							
RPpos_486.2319_8.77	RP	pos	8.77	486.2319			4		0.35879	0.67767	0.42	-0.02	0.80	1.07	0.22	-0.21	0.24999	0.76595	0.25	0.02	0.31	0.47	0.40	0.36	-0.48							
RPpos_486.28024_13.188	RP	pos	13.188	486.2802			4		0.29867	0.55161	-0.37	0.28	-0.45	-0.32	0.21	-0.21	0.15197	0.65756	-0.12	0.11	-0.13	-0.20	-0.09	-0.14	0.16							
HILICpos_486.3281_0.42	HILIC	pos	0.42	486.3281			4		0.83179	0.93648	0.10	0.34	0.53	0.18	0.16	0.03	0.64214	0.93677	-0.23	-0.13	0.04	-0.10	-0.25	-0.50	0.68							
HILICneg_487.0099_2.57	HILIC	neg	2.57	487.0099			4		0.03250	0.30133	-0.57	-0.19	-0.51	-0.08	-0.57	0.10	0.62647	0.93459	-0.37	-0.47	0.23	-0.63	-0.94	-0.11	0.27							
RPneg_487.11359_8.326	RP	neg	8.326	487.1136			4		0.20398	0.54850	-0.37	0.35	0.36	-0.39	0.39	0.15	0.83317	0.97501	-0.06	-0.02	0.22	0.03	-0.15	-0.01	-0.21							
HILICneg_487.1146_4.21	HILIC	neg	4.21	487.1146			4		0.18910	0.53570	-0.21	0.16	0.42	0.09	-0.70	-0.57	0.85168	0.97755	-0.03	0.29	0.15	0.09	0.02	-0.10	-0.54							
HILICpos_487.1942_5.8	HILIC	pos	5.8	487.1942			4		0.88904	0.95968	0.05	0.41	0.53	0.40	-0.02	-0.78	0.00822	0.19346	1.30	0.48	1.34	1.13	1.79	0.78	0.22							
RPneg_487.25537_8.48	RP	neg	8.48	487.2554			4		0.92407	0.97276	0.05	-0.03	0.72	0.20	-0.41	-0.30	0.00492	0.14753	0.55	-0.10	0.69	0.97	0.55	0.40	-0.36							
RPneg_487.25656_12.668	RP	neg	12.668	487.2566			4		0.10026	0.43177	-0.31	-0.02	-0.41	0.16	0.03	-0.34	0.66562	0.94372	0.19	-0.22	-0.09	0.54	0.43	0.13	-0.06							
RPpos_487.2746_5.2	RP	pos	5.2	487.2746			4		0.31242	0.64041	-0.20	0.36	-0.07	0.07	-0.14	-0.23	0.07215	0.51269	-0.39	-0.32	-0.38	-0.74	-0.39	0.16	-0.44							
RPpos_487.2811_9.87	RP	pos	9.87	487.2811			4		0.21133	0.55412	-0.29	-0.02	0.01	-0.32	-0.13	-0.25	0.23468	0.75230	-0.40	-0.54	-0.26	-0.46	-0.35	-0.65	-0.26							
RPneg_487.2912_10.375	RP	neg	10.375	487.2912			4		0.37314	0.68884	-0.09	-0.10	0.57	-0.27	0.26	0.12	0.19850	0.71424	0.23	-0.32	0.12	0.05	0.67	0.19	0.45							
RPneg_487.30539_5.08	RP	neg	5.08	487.3054			4		0.96985	0.98857	-0.02	0.14	-0.36	-0.07	0.22	0.03	0.00690	0.17568	1.26	1.16	0.24	0.01	1.24	5.55	-0.46							
HILICpos_487.3168_0.5	HILIC	pos	0.5	487.3168			4		0.57404	0.81586	-0.15	-0.27	0.66	-0.03	-0.30	0.63	0.67262	0.94623	0.05	0.01	0.26	0.19	0.09	-0.51	-0.15							
RPpos_487.3171_7.27	RP	pos	7.27	487.3171			4		0.73368	0.89218	0.07	0.39	0.51	0.51	-0.05	0.91	0.91793	0.98836	0.01	0.06	0.14	0.24	-0.26	-0.24	-0.37							
RPpos_487.3181_7.58	RP	pos	7.58	487.3181			4		0.64590	0.85037	-0.12	-0.17	0.63	-0.07	-0.35	0.81	0.94271	0.99197	-0.04	0.02	0.16	0.12	-0.05	-0.65	-0.13							
RPneg_487.32559_9.832	RP	neg	9.83																													

											IV-Alcohol self-administration (IV-ASA)						IV-Alcohol clamp (IV-AC)												
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID																					
									Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo			Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo			Post-AC		
									p	q	d	d	d	d	d	d	p	q	d	d	d	d	d	d	p	q	d	d	d
HILICpos_489.313_0.69	HILIC	pos	0.69	489.3130			4		0.88256	0.95651	-0.07	-0.26	-0.13	0.30	1.73	0.91	0.57405	0.92259	-0.12	-0.33	0.48	0.31	0.09	-0.15	-0.52				
HILICpos_489.3134_0.64	HILIC	pos	0.64	489.3134			4		0.16411	0.50936	-0.39	-0.10	0.52	-0.31	-0.26	0.63	0.12619	0.61763	-0.30	-0.44	-0.28	-0.28	-0.03	0.19	-0.37				
RPpos_489.3142_6.39	RP	pos	6.39	489.3142			4		0.42693	0.72836	-0.30	-0.11	1.14	-0.14	-0.23	0.09	0.53703	0.91447	0.25	0.07	0.26	0.64	0.23	0.19	-0.64				
RPneg_489.34274_9.948	RP	neg	9.948	489.3427			4		0.40444	0.71189	0.41	0.52	0.59	0.75	0.64	-0.11	0.24903	0.76555	-0.37	-0.36	-0.36	-0.38	-0.36	-0.36	-0.36				
RPneg_489.34348_10.016	RP	neg	10.016	489.3435			4		0.98230	0.99327	0.29	-0.18	0.21	0.14	0.39	-0.35	0.48076	0.89841	-0.22	-0.37	-0.42	-0.38	-0.42	-0.18	-0.05				
RPneg_489.34593_11.15	RP	neg	11.15	489.3460			4		0.48946	0.66645	0.10	-0.39	0.28	0.16	0.37	0.23	0.46594	0.87878	-0.19	0.27	-0.38	-0.19	-0.16	0.14	-0.06				
RPneg_489.35724_10.736	RP	neg	10.736	489.3573			4		0.03230	0.30900	0.42	0.09	0.26	0.51	0.68	0.63	0.60393	0.93874	-0.17	0.06	-0.17	0.54	-0.48	-0.22	-0.19				
RPneg_489.3573_8.614	RP	neg	8.614	489.3573			4		0.08192	0.40643	0.60	0.29	0.77	0.64	0.57	0.92	0.46126	0.88576	0.55	0.62	-0.88	0.61	0.67	0.38	-0.03				
HILICneg_489.3594_0.39	HILIC	neg	0.39	489.3594			4		0.04854	0.34268	0.57	0.31	0.28	0.65	1.24	0.21	0.33331	0.82231	-0.27	-0.26	-0.22	-0.21	-0.27	-0.37	-0.15				
RPpos_489.7562_13.74	RP	pos	13.74	489.7562			4		0.18932	0.53578	0.41	0.17	0.73	0.25	0.53	2.43	0.80616	0.97022	-0.08	0.59	-0.18	-0.07	-0.05	-0.16	0.39				
RPpos_489.7968_7.58	RP	pos	7.58	489.7968			4		0.95232	0.98259	0.01	-0.13	0.75	0.00	-0.28	1.25	0.89505	0.98465	-0.01	-0.07	0.33	0.03	-0.15	-0.72	0.05				
RPneg_490.16656_10.883	RP	neg	10.883	490.1666			4		0.40950	0.71503	-0.21	0.13	0.03	-0.27	0.75	-0.18	0.97303	0.99690	-0.02	-0.13	0.31	-0.41	0.09	0.03	-0.14				
RPpos_490.2071_7.19	RP	pos	7.19	490.2071			4		0.61597	0.83654	0.11	0.22	0.31	0.33	0.21	-0.10	0.06090	0.48165	0.64	0.58	0.65	0.62	0.59	0.71	0.71				
RPpos_490.2071_7.27	RP	pos	7.27	490.2071			4		0.45336	0.74626	0.23	0.25	0.25	0.53	0.44	-0.06	0.21794	0.73497	0.60	0.55	0.37	0.57	0.66	0.88	0.76				
HILICpos_490.2072_2.44	HILIC	pos	2.44	490.2072			4		0.61260	0.83447	0.11	0.18	0.26	0.37	0.21	-0.20	0.06666	0.49796	0.69	0.68	0.66	0.70	0.66	0.75	0.66				
HILICpos_490.2279_0.83	HILIC	pos	0.83	490.2279			4		0.59616	0.82679	0.16	0.32	1.05	0.01	0.57	0.00	0.26207	0.77484	0.54	0.83	0.73	0.30	0.64	-0.15	-0.41				
HILICpos_490.2853_0.43	HILIC	pos	0.43	490.2853			4		0.87783	0.95423	0.04	0.11	0.26	0.20	0.09	0.95	0.28232	0.97425	-0.11	-0.06	-0.09	-0.07	-0.06	-0.38	-0.21				
RPpos_490.2858_4.68	RP	pos	4.68	490.2858			4		0.73573	0.89335	0.03	0.00	0.33	0.29	0.06	0.18	0.77552	0.96548	-0.11	0.15	-0.33	0.02	-0.01	-0.42	-0.23				
HILICpos_490.2859_1.73	HILIC	pos	1.73	490.2859			4		0.35338	0.67284	0.22	-0.03	0.55	0.29	0.49	0.52	0.80956	0.97112	-0.09	0.49	-0.12	-0.12	0.18	-0.13	-0.26				
RPpos_490.2864_4.79	RP	pos	4.79	490.2864			4		0.45806	0.74973	0.19	-0.06	0.55	0.29	0.57	0.31	0.98203	0.99752	0.00	-0.13	0.02	-0.02	0.14	-0.09	-0.18				
RPpos_490.2897_9.86	RP	pos	9.86	490.2897			4		0.15237	0.49506	-0.33	-0.08	-0.11	-0.19	-0.17	0.23	0.18749	0.70230	-0.38	-0.33	-0.38	-0.57	-0.42	-0.54	-0.17				
RPpos_490.3222_5.4	RP	pos	5.4	490.3222			4		0.95937	0.98572	-0.06	-0.05	0.54	0.05	0.10	0.62	0.48781	0.89808	-0.24	-0.15	-0.08	-0.11	-0.20	-0.64	-0.31				
HILICpos_490.3432_0.37	HILIC	pos	0.37	490.3432			4		0.74008	0.89551	0.15	1.91	0.04	1.59	-0.40	-0.21	0.00160	0.07632	-0.55	-0.26	-0.04	0.37	-0.16	-0.50	-0.35				
RPpos_490.4241_12.21	RP	pos	12.21	490.4241			4		0.52365	0.78956	-0.18	0.22	0.26	-0.50	0.19	-0.08	0.29774	0.79993	0.25	0.34	0.30	0.19	0.28	0.19	-0.07				
RPpos_490.4244_12.61	RP	pos	12.61	490.4244			4		0.72077	0.88621	-0.10	0.45	0.02	-0.31	0.28	0.12	0.15358	0.65936	0.25	0.25	0.29	0.16	0.30	0.29	0.04				
RPneg_491.09006_7.71	RP	neg	7.71	491.0901			4		0.27124	0.60722	-0.35	0.17	0.36	0.06	-0.19	-0.07	0.48241	0.89580	-0.22	0.30	0.41	-0.15	-0.23	0.86	-0.67				
RPneg_491.09024_7.605	RP	neg	7.605	491.0902			4		0.46183	0.75239	-0.29	0.22	0.20	0.40	0.09	0.16	0.77717	0.96537	-0.03	0.47	-0.04	0.03	-0.24	0.09	-0.19				
RPneg_491.12497_2.811	RP	neg	2.811	491.1250			4		0.18029	0.52571	-0.26	0.10	0.38	-0.18	-0.58	-0.48	0.98882	0.99810	-0.05	-0.09	0.07	0.07	0.14	-0.22	-0.33				
HILICpos_491.1588_0.56	HILIC	pos	0.56	491.1588			4		0.00909	0.18735	-0.55	-0.25	0.13	-0.27	-0.75	-0.07	0.51571	0.90686	0.35	0.06	0.41	-0.61	0.63	0.30	-0.12				
RPpos_491.1976_8.14	RP	pos	8.14	491.1976			4		0.33285	0.65659	-0.09	-0.19	0.00	-0.07	0.03	-0.06	0.35205	0.83205	0.08	0.06	0.12	-0.06	0.06	0.26	0.13				
RPneg_491.21045_8.84	RP	neg	8.84	491.2105			4		0.02089	0.26101	0.47	0.62	0.60	0.36	0.66	0.13	0.08733	0.54647	0.80	-0.10	0.50	1.05	1.09	1.50	0.91				
RPneg_491.22766_8.479	RP	neg	8.479	491.2277			4		0.52809	0.79225	-0.18	0.03	0.61	-0.16	-0.48	-0.07	0.58235	0.94835	0.14	-0.16	0.54	-0.19	0.39	-0.16	-0.15				
RPneg_491.2639_7.06	RP	neg	7.06	491.2639			4		0.00118	0.05920	0.04	0.03	0.95	1.03	1.87	1.04	0.00801	0.19020	0.46	-0.35	-0.18	0.14	0.96	1.13	0.69				
RPneg_491.28586_9.212	RP	neg	9.212	491.2859			4		0.00025	0.03000	0.67	0.34	1.06	1.17	0.23	0.35	0.09577	0.56432	0.35	0.17	0.39	0.69	0.28	0.25	-0.26				
RPneg_491.28732_8.999	RP	neg	8.999	491.2873			4		0.00015	0.02351	0.93	0.29	2.53	1.07	0.16	0.33	0.09168	0.55754	0.34	0.09	0.33	0.84	0.23	0.29	-0.44				
RPneg_491.30206_9.27	RP	neg	9.27	491.3021			4		0.04246	0.32848	-0.61	-0.44	-0.46	-0.49	-0.69	-0.32	0.02175	0.31168	-0.47	-0.53	-0.55	-0.67	-0.41	-0.35	-0.40				
RPneg_491.32251_8.944	RP	neg	8.944	491.3225			4		0.50969	0.78230	0.22	0.50	0.37	0.25	0.42	0.00	0.96187	0.99559	-0.04	-0.06	-0.09	0.03	-0.06	0.00	-0.05				
RPpos_491.3707_11.08	RP	pos	11.08	491.3707			4		0.34929	0.66985	0.14	0.07	0.35	0.08	0.42	0.55	0.63239	0.93546	-0.13	-0.05	-0.13	-0.06	-0.35	0.08	-0.01				
RPneg_491.37384_11.785	RP	neg	11.785	491.3738			4		0.26238	0.59993	-0.36	0.04	-0.04	0.02	-0.10	0.43	0.09084	0.55537	-0.33	-0.65	-0.02	0.72	-0.71	-0.31	-0.06				
HILICneg_491.3759_0.39	HILIC	neg	0.39	491.3759			4		0.06188	0.36878	0.50	0.14	0.21	0.38	1.38	0.12	0.68436	0.94844	-0.11	-0.14	-0.11	-0.04	-0.17	-0.09	0.05				
HILICpos_491.4409_3.6	HILIC	pos	3.6	491.4409			4		0.69239	0.87364	0.07	0.03	0.30	0.48	0.50	-0.84	0.03409	0.37841	0.46	-0.02	0.18	0.27	0.45	0.73	0.54				
HILICneg_491.7687_1.45	HILIC	neg	1.45	491.7687			4		0.46218	0.75260	-0.13	0.26	0.13	-0.06	-0.10	0.04	0.93654	0.99013	0.05	-0.13	0.31	-0.12	-0.34	0.40	0.27				
RPpos_491.7926_6.39	RP	pos	6.39	491.7926			4		0.61895	0.83808	-0.18	-0.02	0.95	0.42	-0.26	-0.10	0.50600	0.90356	0.26	0.36	0.24	0.59	0.18	0.17	-0.51				
RPneg_492.11954_9.917	RP	neg	9.917	492.1195			4		0.71647	0.88460	-0.07	0.57	0.33	-0.04	-0.12	-0.65	0.80942	0.97112	0.10	-0.69	0.32	0.34	0.08	0.30	-0.63				
RPneg_492.1517_5.701	RP	neg	5.701	492.1517			4		0.20022	0.54486	0.30	0.32	0.31	0.38	0.39	0.28	0.08668	0.54471	0.14	0.10	0.08	0.18	0.20	0.13	0.18				
RPpos_492.2121_11.73	RP	pos	11.73	492.2121			4		0.69443	0.85174	0.31	0.53	0.14	0.47	0.56	-0.26	0.21535	0.73170	0.57	0.63	0.70	0.59	0.63	0.35	0.06				
HILICpos_492.307_1.32	HILIC	pos	1.32	492.3070			4		0.13654	0.47649	-0.32	-0.06	-0.08	-0.05	-0.36	-0.14	0.47370	0.89116	-0.06	-0.21	-0.05	-0.27	0.18	0.04	0.04				
RPpos_492.3072_9.71	RP	pos	9.71	492.3072			4		0.04525	0.33570	-0.34	0.01	-0.01	-0.19	-0.45	0.37	0.66073	0.94264	-0.09	-0.08	0.04	-0.33	-0.34	0.17	0.05				
RPneg_492.30914_10.77	RP	neg	10.77	492.3091			4		0.13948	0.47911	-0.35	-0.05	0.0																

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline		IV-ASA			Baseline		IV-Ghrelin or Placebo			Baseline		IV-AC			Baseline		IV-Ghrelin or Placebo		
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_495.22409_7.089	RP	neg	7.089	495.2241		4		0.75511	0.90291	-0.09	0.52	-0.14	0.70	-0.52	0.07	0.82918	0.97442	0.18	1.18	0.14	-0.43	-0.25	2.58	-0.47				
RPneg_495.25949_10.003	RP	neg	10.003	495.2595		4		0.44219	0.73848	0.03	0.01	0.07	0.02	0.19	0.09	0.95885	0.99539	0.08	0.01	0.00	0.11	0.21	0.20	-0.08				
RPneg_495.27872_9.674	RP	neg	9.674	495.2787		4		0.09999	0.43115	-0.21	-0.19	-0.05	-0.14	-0.16	-0.35	0.49093	0.89836	0.25	0.21	-0.02	0.55	0.59	0.03	-0.05				
RPneg_495.29688_8.93	RP	neg	8.93	495.2969		4		1.28E-05	0.00621	0.02	0.03	0.14	0.07	0.15	-0.17	0.19927	0.71502	0.26	-0.17	0.09	0.36	0.50	0.37	0.06				
RPneg_495.29724_8.861	RP	neg	8.861	495.2972		4		0.09994	0.41993	0.49	0.79	0.12	0.68	0.83	0.14	0.66315	0.93385	0.09	0.07	0.09	0.39	0.66	0.07	-0.43				
HILICneg_495.31347_0.47	HILIC	pos	0.47	495.3135		4		0.44639	0.74193	0.01	-0.31	0.68	0.13	-0.01	-0.04	0.49808	0.90077	-0.02	-0.39	0.27	0.00	0.14	-0.30	-0.02				
HILICneg_495.3138_0.39	HILIC	neg	0.39	495.3138		4		0.28466	0.61825	0.17	0.11	0.20	0.11	0.83	-0.23	0.01406	0.25288	0.30	0.29	0.27	0.30	0.24	0.29	0.30				
RPpos_495.3147_9.18	RP	pos	9.18	495.3147		4		0.98924	0.99603	-0.10	-0.22	0.41	-0.05	-0.10	-0.10	0.81910	0.97238	-0.02	-0.22	0.09	0.07	0.17	-0.31	-0.06				
RPneg_495.32269_13.183	RP	neg	13.183	495.3227		4		0.23028	0.57179	-0.35	0.52	-0.08	-0.36	0.02	0.13	0.58251	0.92442	-0.11	0.58	-0.66	0.13	0.31	-0.05	-0.49				
RPneg_495.34705_11.356	RP	neg	11.356	495.3471		4		0.18765	0.53402	0.07	0.17	0.28	0.03	0.60	0.04	0.30047	0.80242	0.16	0.17	0.39	-0.06	0.36	0.07	-0.14				
RPpos_495.4878_11.58	RP	pos	11.58	495.4878		4		0.52584	0.79112	-0.19	0.12	0.10	-0.02	0.02	-1.00	0.76137	0.96260	0.09	1.07	-0.12	0.36	-0.40	0.07	0.09				
HILICneg_495.4923_5.42	HILIC	neg	5.42	495.4923		4		0.02494	0.27704	-0.70	-0.15	-0.16	-0.54	-0.25	-0.60	0.51463	0.90649	0.25	0.66	0.48	0.18	0.03	-0.21	1.14				
RPneg_496.12265_11.193	RP	neg	11.193	496.1227		4		0.06280	0.37040	0.64	0.06	0.56	0.92	1.29	-0.41	0.94572	0.99233	-0.05	-0.30	0.44	-0.27	-0.06	-0.16	0.05				
RPpos_496.162_6.31	RP	pos	6.31	496.1620		4		0.37805	0.69307	0.20	0.30	0.34	0.25	0.32	0.12	0.13779	0.63748	0.47	0.44	0.43	0.44	0.45	0.60	0.47				
HILICpos_496.1638_4.06	HILIC	pos	4.06	496.1638		4		0.33162	0.65566	0.24	0.28	0.36	0.28	0.36	0.22	0.19383	0.70866	0.44	0.54	0.37	0.46	0.39	0.52	0.47				
RPneg_496.27374_8.024	RP	neg	8.024	496.2737		4		0.03342	0.30338	0.65	0.24	1.00	0.69	0.86	0.51	0.50542	0.90356	-0.30	-0.67	-0.22	0.00	-0.12	-0.18	-0.77				
RPneg_496.27399_8.458	RP	neg	8.458	496.2740		4		0.00104	0.06542	1.80	0.64	4.63	1.84	0.93	1.14	0.25539	0.77077	0.59	-0.18	0.82	1.15	0.51	0.63	-0.23				
RPpos_496.2759_5.77	RP	pos	5.77	496.2759		4		0.40965	0.71509	-0.36	0.19	0.32	-0.11	0.77	-0.02	0.57877	0.93253	-0.18	0.82	-0.37	0.02	0.02	-0.77	-0.22				
RPneg_496.30203_8.825	RP	neg	8.825	496.3020		4		0.19506	0.54017	-0.33	-0.14	-0.17	-0.21	-0.28	-0.39	0.13021	0.62376	0.04	0.03	0.09	0.07	0.38	0.22	0.05				
HILICpos_496.3025_0.47	HILIC	pos	0.47	496.3025		4		0.79087	0.91828	0.00	0.38	0.06	0.22	0.03	0.48	0.83200	0.97500	-0.02	-0.34	0.02	0.22	0.02	0.07	-0.16				
RPneg_496.30521_10.529	RP	neg	10.529	496.3052		4		0.11895	0.45527	-0.46	-0.05	-0.07	-0.21	-0.39	-0.88	0.46520	0.88765	-0.10	-0.11	-0.10	0.07	0.01	-0.10	-0.34				
RPpos_496.3118_8.45	RP	pos	8.45	496.3118		4		0.51009	0.78257	-0.19	-0.40	0.39	-0.28	-0.16	0.05	0.75712	0.96233	-0.11	-0.01	0.05	0.25	0.56	-1.20	-0.67				
HILICpos_496.3123_0.54	HILIC	pos	0.54	496.3123		4		0.29763	0.62808	0.17	0.28	0.47	0.18	0.36	0.67	0.87026	0.98074	0.07	-0.13	0.18	0.03	-0.09	0.37	0.01				
HILICpos_496.3393_1.26	HILIC	pos	1.26	496.3393		4		0.02274	0.26757	-0.42	0.07	-0.06	-0.27	-0.25	-0.36	0.08509	0.54143	-0.13	-0.05	-0.11	-0.21	0.03	-0.15	-0.20				
HILICpos_496.3394_1.14	HILIC	pos	1.14	496.3394		4		0.00457	0.13604	-0.43	0.17	-0.08	-0.31	-0.35	-0.40	0.41522	0.86524	0.04	-0.02	-0.02	0.28	0.16	0.02	-0.10				
RPpos_496.3394_9.14	RP	pos	9.14	496.3394		4		0.91821	0.97030	-0.10	-0.05	0.04	-0.01	0.22	-0.25	0.24366	0.75938	-0.11	0.40	0.20	-0.32	-0.14	-0.23	-0.18				
RPpos_496.341_11.08	RP	pos	11.08	496.3410		4	no autoMSMS	0.00049	0.04168	-0.54	-0.05	-0.24	-0.26	-0.17	-0.42	0.07795	0.52501	-0.24	-0.12	-0.63	-0.43	0.52	0.10	-0.48				
RPneg_497.06879_2.811	RP	neg	2.811	497.0688		4		0.16762	0.51288	-0.19	0.15	0.58	-0.06	-0.71	-0.56	0.86568	0.98005	-0.01	0.04	0.03	0.20	0.07	-0.11	-0.46				
RPneg_497.11649_7.429	RP	neg	7.429	497.1165		4		0.89014	0.95991	0.03	0.03	0.24	0.21	0.24	0.13	0.04992	0.44537	0.04	-0.11	0.02	0.04	0.15	0.14	-0.09				
HILICneg_497.1382_6.17	HILIC	neg	6.17	497.1382		4		0.55250	0.80521	0.10	0.26	0.59	0.06	0.14	0.05	0.15130	0.65995	0.29	0.32	0.23	0.53	0.51	0.12	-0.30				
RPneg_497.16605_11.195	RP	neg	11.195	497.1661		4		0.10485	0.43784	0.63	0.09	0.43	0.98	1.88	-0.53	0.63424	0.93546	0.07	-0.28	0.47	0.02	0.17	-0.06	0.05				
RPneg_497.1665_7.036	RP	neg	7.036	497.1665		4		0.75062	0.90069	0.12	-0.10	0.15	0.26	0.34	-0.18	0.28892	0.79431	-0.33	-0.36	-0.39	-0.30	0.29	-0.27	-0.25				
HILICpos_497.2584_9.44	HILIC	pos	9.44	497.2584		4		0.94658	0.98034	0.03	0.14	0.57	0.08	0.60	-0.31	0.31566	0.81238	-0.21	0.75	0.24	-0.40	0.88	0.00	-0.16				
RPpos_497.2599_5.97	RP	pos	5.97	497.2599		4		0.57211	0.81512	-0.09	0.07	0.75	-0.17	0.44	0.28	0.72651	0.95612	-0.11	0.32	0.05	0.17	0.06	-0.30	-0.30				
RPneg_497.27463_8.133	RP	neg	8.133	497.2746		4		0.58639	0.82174	-0.08	0.12	0.05	-0.08	0.04	-0.38	0.15364	0.65938	1.63	1.81	1.78	1.53	2.08	1.45	1.17				
RPneg_497.27618_8.531	RP	neg	8.531	497.2762		4		0.91973	0.97069	0.07	0.27	0.13	0.08	0.48	-0.31	0.41365	0.86469	0.21	0.37	0.20	0.32	0.22	0.20	0.26				
RPneg_497.28876_9.886	RP	neg	9.886	497.2888		4		0.00530	0.14359	-0.69	-0.25	-0.43	-0.25	-0.28	-0.44	0.00099	0.05687	-0.55	-0.10	-0.31	-0.59	-0.85	-0.62	-0.58				
RPneg_497.3325_5.08	RP	neg	5.08	497.3326		4		0.79804	0.92200	-0.09	0.37	-0.35	-0.08	0.11	-0.08	0.00495	0.14811	1.40	1.00	0.37	0.02	1.38	5.78	-0.41				
RPneg_497.34732_9.492	RP	neg	9.492	497.3473		4		0.66052	0.85781	-0.13	-0.30	-0.02	-0.01	-0.18	0.49	0.21748	0.73427	0.38	0.24	0.53	-0.22	0.73	0.06	0.26				
RPpos_497.6506_9.28	RP	pos	9.28	497.6506		4		0.78834	0.91708	-0.06	0.06	0.35	-0.13	-0.02	-0.17	0.48082	0.89488	-0.06	-0.36	0.00	0.03	-0.11	-0.08	0.07				
RPneg_498.17703_7.503	RP	neg	7.503	498.1770		4		0.04351	0.33163	0.42	0.10	0.51	0.51	0.87	0.50	0.00018	0.01851	0.32	-0.10	-0.03	0.34	0.79	0.61	-0.01				
RPneg_498.17825_14.182	RP	neg	14.182	498.1783		4		0.37840	0.69331	-0.29	-0.13	-0.51	1.06	-0.84	-0.10	0.43283	0.87530	-0.11	-0.50	-0.17	0.32	-0.22	-0.33	0.20				
RPneg_498.17862_12.992	RP	neg	12.992	498.1786		4		0.86125	0.94810	-0.07	-0.19	-0.24	0.46	-0.16	0.20	0.80442	0.96991	-0.15	0.10	-0.13	0.15	-0.40	-0.10	-0.29				
RPneg_498.17874_10.605	RP	neg	10.605	498.1787		4		0.81491	0.92958	-0.02	0.13	0.37	0.08	-0.07	0.24	0.58022	0.92416	0.04	-0.17	-0.21	-0.05	0.27	0.07	0.58				
RPneg_498.17926_10.521	RP	neg	10.521	498.1793																								

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	p	q	d	d	d
RPpos_500.1509_7.48	RP	pos	7.48	500.1509			4		0.02715	0.28391	0.47	-0.04	0.50	0.57	0.91	0.68	0.00007	0.00902	0.34	0.00	-0.04	0.37	0.83	0.44	0.44	0.14		
RPpos_500.2741_10.13	RP	pos	10.13	500.2741			4		0.48939	0.77067	-0.18	-0.16	0.22	0.26	-0.05	-0.13	0.93285	0.98984	-0.01	-0.20	0.06	0.10	0.16	0.01	0.01	-0.29		
HILICpos_500.2749_1.9	HILIC	pos	1.9	500.2749			4		0.92580	0.97327	-0.06	-0.18	0.30	0.39	0.27	-0.18	0.86024	0.97966	0.02	-0.08	0.10	0.04	0.08	0.09	-0.36			
RPpos_500.2753_10.26	RP	pos	10.26	500.2753			4		0.77772	0.91256	-0.10	0.14	0.56	0.60	-0.04	-0.14	0.81805	0.97238	-0.10	0.06	-0.21	-0.31	0.02	-0.04	-0.07			
RPneg_500.2769_10.252	RP	neg	10.252	500.2769			4		0.96674	0.98605	0.02	0.13	0.52	0.45	0.72	0.14	0.83063	0.82049	0.54	0.23	0.54	0.50	0.60	0.68	-0.16			
HILICpos_500.2770_1.84	HILIC	pos	1.84	500.2770			4		0.76070	0.96000	-0.05	-0.13	0.21	0.07	0.15	0.01	0.83933	0.97600	0.08	0.10	0.17	0.21	0.36	0.05	-0.06			
HILICneg_500.2772_1.67	HILIC	neg	1.67	500.2772			4		0.89826	0.96279	-0.03	0.04	0.47	0.29	0.58	0.08	0.24100	0.75800	0.58	-0.03	0.65	0.72	0.94	0.37	0.00			
RPpos_500.2772_9.84	RP	pos	9.84	500.2772			4		0.92456	0.97276	-0.01	0.04	0.22	0.04	0.18	-0.06	0.84093	0.97634	0.09	-0.04	0.16	0.15	0.30	0.20	-0.02			
HILICneg_500.2773_1.92	HILIC	neg	1.92	500.2773			4		0.93631	0.97709	0.02	0.01	0.42	0.43	0.75	-0.01	0.32892	0.81992	0.49	0.18	0.46	0.53	1.04	0.35	-0.15			
RPneg_500.27921_8.683	RP	neg	8.683	500.2792			4		0.03158	0.29799	0.35	-0.11	0.88	0.35	0.66	0.58	0.00000	0.00001	0.54	-0.23	0.70	1.23	0.50	0.67	-0.35			
RPpos_500.2852_7.13	RP	pos	7.13	500.2852		no autoMSMS	4		0.00005	0.01249	1.20	0.33	1.49	1.51	1.33	0.24	0.00024	0.02248	1.33	0.30	0.59	1.46	2.20	1.85	-0.07			
RPpos_500.2853_7.01	RP	pos	7.01	500.2853			4		0.00095	0.06231	0.69	0.69	0.60	0.78	0.79	0.75	0.61728	0.93244	-0.22	-0.33	-0.30	-0.06	-0.19	-0.10	-0.65			
RPneg_500.2966_13.187	RP	neg	13.187	500.2966			4		0.45976	0.75064	-0.23	0.70	-0.35	-0.24	0.29	-0.14	0.10268	0.57725	-0.34	0.10	-0.30	-0.33	-0.54	-0.23	-0.31			
RPpos_500.3039_9.68	RP	pos	9.68	500.3039			4		0.00542	0.14510	0.85	-0.03	3.37	0.96	0.90	0.08	0.11520	0.59932	0.71	-0.10	0.97	1.13	0.57	1.00	-0.26			
RPpos_500.3043_9.42	RP	pos	9.42	500.3043			4		0.02049	0.25894	1.24	0.17	2.43	0.90	1.77	0.53	0.06441	0.49252	1.10	-0.39	1.98	1.31	1.03	0.97	-0.59			
RPpos_500.3225_9.17	RP	pos	9.17	500.3225			4		0.67235	0.86367	0.08	0.11	0.11	0.13	0.40	-0.48	0.25927	0.77358	1.36	1.55	1.65	1.43	1.24	1.44	1.63			
HILICpos_500.3433_0.41	HILIC	pos	0.41	500.3433			4		0.96778	0.98827	0.04	0.39	0.41	0.16	0.09	0.05	0.85614	0.97868	-0.10	-0.06	0.13	-0.29	-0.01	-0.34	0.69			
RPpos_500.4295_12.09	RP	pos	12.09	500.4295			4		0.19272	0.53805	0.49	-0.05	0.94	1.48	0.38	-0.49	0.35255	0.83226	0.37	-0.12	0.26	0.80	0.49	0.43	0.22			
HILICpos_501.0671_5.32	HILIC	pos	5.32	501.0671			4		0.21272	0.55521	0.37	0.53	0.42	0.23	0.45	0.38	0.21065	0.72715	0.12	-0.01	-0.04	0.25	0.15	0.44	-0.69			
HILICneg_501.1439_0.58	HILIC	neg	0.58	501.1439			4		0.02332	0.27043	-0.58	-0.38	0.04	-0.29	-0.62	-0.19	0.97627	0.99711	-0.01	0.12	0.01	-0.60	0.21	0.14	-0.24			
HILICpos_501.2105_5.8	HILIC	pos	5.8	501.2105			4		0.36750	0.68420	0.23	0.51	0.49	0.38	0.19	0.10	0.21316	0.72988	0.49	0.32	0.73	0.86	0.40	-0.04	-0.15			
RPneg_501.28506_9.43	RP	neg	9.43	501.2851			4		0.00220	0.09516	1.67	0.27	2.90	1.07	2.37	1.43	0.04223	0.41566	0.74	-0.51	1.20	1.62	0.42	0.63	-0.55			
RPneg_501.28973_8.827	RP	neg	8.827	501.2897			4		0.02952	0.29135	0.33	0.20	0.55	0.29	0.18	1.48	0.08402	0.53900	-0.29	-0.25	-0.34	-0.32	-0.22	0.27	-0.27			
HILICpos_501.3414_0.37	HILIC	pos	0.37	501.3414			4		0.80028	0.92270	-0.02	0.33	0.29	0.00	0.34	-0.24	0.64125	0.93643	-0.25	-0.11	0.33	-0.51	0.04	-0.54	0.04			
RPpos_501.3432_10.71	RP	pos	10.71	501.3432			4		0.85413	0.94532	0.07	0.16	0.37	0.50	-0.08	-0.26	0.77122	0.96458	0.05	-0.16	0.34	0.24	-0.86	-0.30	0.45			
RPneg_501.39413_11.661	RP	neg	11.661	501.3941			4		0.31020	0.63855	0.11	0.08	0.04	0.11	0.55	0.22	0.52019	0.90883	-0.14	-0.17	0.17	-0.21	-0.06	-0.23	-0.39			
RPneg_501.39413_11.496	RP	neg	11.496	501.3941			4		0.01315	0.21729	0.30	0.04	0.33	0.39	0.67	0.33	0.69171	0.95008	-0.08	0.51	-0.05	-0.02	0.06	-0.05	0.96			
HILICneg_501.3961_0.39	HILIC	neg	0.39	501.3961			4		0.04434	0.33889	0.67	0.50	0.30	0.74	1.58	0.36	0.77548	0.96491	-0.01	0.32	0.00	-0.04	-0.01	0.02	-0.10			
RPpos_501.3961_13.58	RP	pos	13.58	501.3961			4		0.96066	0.98066	-0.03	0.38	-0.12	0.88	-0.58	0.31	0.10277	0.57743	-0.45	-0.44	-0.47	0.19	-0.43	-0.19	-0.26			
RPneg_501.39636_11.574	RP	neg	11.574	501.3964			4		0.04735	0.34075	0.35	0.18	0.43	0.41	0.63	0.90	0.15768	0.66557	-0.29	-0.12	-0.31	-0.16	-0.23	-0.02	-0.42			
HILICneg_501.9626_5.41	HILIC	neg	5.41	501.9626			4		0.70484	0.87943	0.11	0.24	0.40	0.02	0.43	0.73	0.70688	0.50865	0.06	-0.13	0.12	0.06	0.04	0.28	-0.51			
RPpos_502.0323_3.73	RP	pos	3.73	502.0323			4		0.08984	0.41828	0.36	0.37	0.46	0.23	0.33	1.47	0.38053	0.84721	-0.38	-0.13	-0.40	-0.43	-0.46	-0.37	-0.19			
RPneg_502.27097_9.881	RP	neg	9.881	502.2709			4		0.14790	0.48958	-0.33	-0.04	0.00	-0.28	-0.19	-0.15	0.39001	0.79495	-0.32	-0.02	-0.38	-0.55	-0.29	-0.19	-0.38			
RPneg_502.27107_9.721	RP	neg	9.721	502.2710			4		0.11727	0.45287	-0.38	-0.02	0.00	-0.34	-0.34	-0.22	0.20357	0.71972	-0.44	-0.46	-0.35	-0.68	-0.30	-0.59	-0.79			
HILICneg_502.2711_1.42	HILIC	neg	1.42	502.2710			4		0.25054	0.58966	-0.33	0.03	-0.12	-0.27	0.00	-0.18	0.19823	0.71412	-0.33	-0.31	-0.52	-0.48	-0.43	-0.26	0.36			
RPpos_502.2905_10.55	RP	pos	10.55	502.2905			4		0.47148	0.75846	-0.25	-0.28	0.09	0.16	0.08	-0.31	0.95106	0.99346	0.02	-0.17	-0.08	0.14	0.29	0.07	-0.30			
RPpos_502.2917_10.24	RP	pos	10.24	502.2917			4		0.78829	0.91707	0.09	0.11	0.54	0.63	0.76	0.33	0.49626	0.90020	0.34	0.03	0.23	0.49	0.92	0.33	0.09			
HILICpos_502.2924_1.56	HILIC	pos	1.56	502.2924			4		0.89593	0.96217	-0.03	-0.07	0.50	0.52	0.50	-0.05	0.21834	0.73509	0.57	0.09	0.68	0.59	1.08	0.33	-0.13			
HILICpos_502.2926_1.78	HILIC	pos	1.78	502.2926			4		0.91923	0.97052	-0.03	0.00	0.49	0.37	0.61	-0.12	0.30609	0.80614	0.52	-0.28	0.57	0.49	1.09	0.35	-0.15			
HILICneg_502.2943_1.95	HILIC	neg	1.95	502.2943			4		0.26877	0.60483	-0.30	-0.30	-0.06	-0.08	-0.04	-0.08	0.93550	0.99000	0.02	-0.23	-0.05	0.12	0.33	0.28	-0.30			
RPneg_502.29471_10.535	RP	neg	10.535	502.2947			4		0.64374	0.84910	0.18	-0.03	1.68	0.03	0.09	-0.13	0.29552	0.79880	-0.18	-0.28	-0.22	-0.09	0.01	-0.13	-0.35			
RPneg_502.29474_10.34	RP	neg	10.34	502.2947			4		0.14900	0.49149	-0.38	-0.15	-0.06	-0.19	-0.06	-0.28	0.90926	0.98698	0.05	-0.21	0.08	0.17	0.44	0.10	-0.31			
RPpos_502.3265_10.63	RP	pos	10.63	502.3265			4		0.05805	0.36250	-0.32	-0.08	-0.17	-0.20	0.13	-0.41	0.56763	0.92089	0.12	0.34	0.24	0.08	0.24	-0.01	-0.10			
HILICpos_502.3566_0.45	HILIC	pos	0.45	502.3566			4		0.23052	0.57207	-0.24	0.07	0.43	-0.06	-0.10	-0.28	0.75034	0.96176										

Feature_ID	Mode	Ionization	Average.Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																		
									Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo				BrAc=0			Area Under the Curve (AUC)			Baseline			Post-LD			IV-Ghrelin or Placebo				BrAc=0		
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d				
RPneg_509.27606_8.678	RP	neg	8.678				4		0.22144	0.56379	0.18	-0.04	0.43	0.28	0.30	-0.07	0.05425	0.46152	0.21	-0.08	0.12	0.32	0.39	0.24	0.01												
RPpos_509.3291_7.63	RP	pos	7.63	509.3291			4		0.65118	0.85288	-0.12	-0.19	0.58	0.05	-0.47	0.65	0.89729	0.98504	-0.03	0.02	0.12	0.09	-0.04	-0.38	-0.14												
HILICneg_509.3294_0.39	HILIC	neg	0.39	509.3294			4		0.19718	0.54192	0.26	0.12	0.17	0.23	1.15	-0.34	0.44334	0.87946	0.20	0.25	0.31	0.35	0.17	0.10	0.09												
RPpos_509.3309_7.33	RP	pos	7.33	509.3309			4		0.58141	0.81909	0.12	0.43	0.58	0.46	0.04	0.76	0.82863	0.97434	0.02	0.05	0.25	0.07	0.09	-0.59	-0.32												
HILICpos_509.3351_4.53	HILIC	pos	4.53	509.3351			4		0.06953	0.89857	-0.25	0.33	0.17	0.08	0.25	0.13	0.56233	0.92016	0.02	-0.15	0.07	-0.04	0.08	-0.06	0.03												
RPpos_509.3953_9.17	RP	pos	9.17	509.3953			4		0.00785	0.17418	0.01	0.02	-0.09	1.09	1.61	-1.34	0.00085	0.05173	0.31	-0.24	0.46	0.85	0.18	0.20	-0.42												
RPpos_509.6992_11.19	RP	pos	11.19	509.6992			4		0.00132	0.07391	-0.93	-0.04	-0.41	-0.42	-1.74	-0.13	0.59246	0.92667	0.18	0.02	1.15	0.55	-0.02	-0.28	-0.27												
RPneg_510.10013_10.926	RP	neg	10.926	510.1001			4		0.00254	0.10344	0.94	-0.14	0.65	0.67	1.68	0.04	0.69195	0.95008	0.04	0.03	0.27	0.03	-0.15	-0.02	-0.12												
RPneg_510.12286_11.19	RP	neg	11.19	510.1229			4		0.49252	0.77266	0.23	0.35	0.53	0.68	0.11	-0.10	0.96917	0.99673	-0.04	0.31	0.15	0.07	-0.40	-0.12	0.03												
RPneg_510.25183_8.813	RP	neg	8.813	510.2518			4		0.00003	0.00892	0.33	0.12	0.60	0.43	0.56	-0.03	0.42895	0.87314	0.18	0.03	0.11	0.17	0.39	0.27	-0.12												
RPneg_510.25211_8.983	RP	neg	8.983	510.2521			4		0.29888	0.62868	0.21	-0.06	0.28	0.32	0.41	0.05	0.70053	0.95161	0.06	-0.11	-0.07	0.49	-0.11	0.22	-0.15												
RPneg_510.25226_8.424	RP	neg	8.424	510.2523			4		0.07361	0.39176	0.26	0.22	0.37	0.33	0.43	0.40	0.38719	0.85056	-0.20	-0.35	-0.20	-0.16	-0.08	-0.08	-0.39												
HILICneg_510.2534_1.23	HILIC	neg	1.23	510.2534			4		0.07641	0.39714	0.27	0.21	0.35	0.33	0.42	0.45	0.28851	0.79418	-0.23	-0.31	-0.22	0.21	-0.12	-0.14	-0.42												
RPpos_510.2636_9.83	RP	pos	9.83	510.2636			4		0.05413	0.35501	0.38	0.60	0.55	0.27	0.53	0.15	0.11326	0.59660	0.69	-0.12	0.46	0.79	1.11	1.12	1.18												
RPneg_510.28259_9.421	RP	neg	9.421	510.2826			4		0.55836	0.80857	-0.10	0.03	0.09	-0.02	0.06	-0.13	0.99297	0.99904	0.04	0.05	0.04	-0.01	0.09	0.24	0.09												
RPneg_510.3204_10.413	RP	neg	10.413	510.3204			4		0.47594	0.76163	-0.25	-0.02	0.04	-0.19	-0.04	-0.12	0.35795	0.83442	-0.18	-0.26	-0.01	-0.10	-0.16	0.10	-0.42												
HILICpos_510.3545_1.1	HILIC	pos	1.1	510.3545			4		0.00717	0.16739	-0.55	0.08	-0.18	-0.44	-0.66	-0.39	0.28391	0.79235	-0.07	0.42	-0.05	0.02	-0.06	-0.07	-0.22												
HILICpos_510.3546_1.22	HILIC	pos	1.22	510.3546			4		0.01064	0.20155	-0.70	-0.06	-0.25	-0.43	-0.91	0.08	0.44431	0.87996	-0.17	-0.59	-0.44	-0.16	0.06	0.13	-0.11												
HILICpos_510.3564_10.66	RP	pos	10.66	510.3564			4		0.03628	0.31114	-0.50	-0.11	-0.19	-0.52	-0.29	-0.36	0.48743	0.90072	-0.01	0.12	0.04	-0.02	0.04	0.18	-0.14												
RPpos_510.3564_10.6	RP	pos	10.6	510.3564			4		0.06036	0.36698	-0.41	0.01	-0.17	-0.44	-0.30	-0.21	0.14650	0.65036	-0.28	-0.14	0.21	-0.26	-0.11	-0.29	-0.32												
RPpos_510.3566_10.54	RP	pos	10.54	510.3566			4		0.04343	0.33133	-0.49	-0.17	-0.37	-0.41	-0.16	-0.28	0.44540	0.88012	-0.08	0.01	-0.20	0.10	0.05	-0.05	-0.05												
RPpos_510.3568_10.47	RP	pos	10.47	510.3568			4		0.07002	0.38445	-0.43	-0.10	-0.14	-0.47	-0.31	-0.18	0.19317	0.70820	-0.30	-0.34	-0.24	-0.13	-0.32	-0.28	-0.22												
RPpos_510.3921_11.13	RP	pos	11.13	510.3921			4		0.10794	0.44131	-0.36	0.03	-0.16	-0.34	-0.08	-0.40	0.36937	0.84019	-0.08	-0.06	-0.03	-0.02	0.00	-0.08	-0.22												
HILICpos_510.4496_0.57	HILIC	pos	0.57	510.4496			4		0.12550	0.46128	-0.22	0.25	-0.18	-0.33	0.05	-0.47	0.04969	0.44406	0.40	0.68	0.64	0.10	0.68	0.23	-0.03												
RPpos_510.4511_10.36	RP	pos	10.36	510.4511			4		0.34412	0.66563	-0.14	0.67	0.26	-0.35	0.07	-0.83	0.14261	0.64525	0.34	0.35	0.46	0.07	0.60	0.28	-0.04												
RPpos_510.4884_12.4	RP	pos	12.4	510.4884			4		0.50065	0.77659	-0.16	0.53	-0.30	-0.30	0.21	-0.17	0.00857	0.19794	-0.33	-0.21	-0.35	-0.42	-0.28	-0.24	-0.41												
RPpos_510.7591_4.6	RP	pos	4.6	510.7591			4		0.28852	0.62199	-0.15	-0.01	-0.10	-0.41	0.01	0.58	0.30425	0.80438	0.34	0.22	0.15	0.19	0.20	0.66	0.67												
RPpos_510.7591_4.42	RP	pos	4.42	510.7591			4		0.31877	0.64531	-0.13	0.02	-0.09	-0.43	0.08	0.59	0.28918	0.79431	0.35	0.13	0.15	0.27	0.16	0.79	0.58												
RPneg_511.09543_7.705	RP	neg	7.705	511.0954			4		0.25486	0.59326	-0.37	0.03	0.16	0.04	0.19	-0.46	0.63096	0.93546	-0.06	0.54	-0.27	-0.13	-0.22	0.36	-0.10												
HILICpos_511.1537_7.08	HILIC	pos	7.08	511.1537			4		0.34671	0.66762	-0.13	0.31	0.43	-0.15	-0.18	-0.37	0.02669	0.34401	0.55	0.90	0.92	0.97	0.57	-0.16	-0.43												
HILICneg_511.1705_0.57	HILIC	neg	0.57	511.1705			4		0.05600	0.35850	-0.42	-0.19	0.01	-0.27	-0.38	0.03	0.25228	0.76798	0.47	0.16	0.31	-0.36	0.58	0.47	-0.03												
RPneg_511.21701_7.645	RP	neg	7.645	511.2170			4		0.00495	0.33540	0.53	-0.14	0.38	0.09	0.08	0.53	0.12084	0.60831	-0.19	0.16	-0.32	-0.46	-0.45	0.92	0.09												
HILICpos_511.2313_6.16	HILIC	pos	6.16	511.2313			4		0.79468	0.91017	-0.11	0.24	0.23	-0.21	0.33	-0.11	0.88716	0.98347	0.00	0.32	0.59	-0.39	0.94	0.39	0.14												
RPpos_511.2731_10.84	RP	pos	10.84	511.2731			4		0.87952	0.95506	0.04	-0.34	1.18	0.33	0.05	0.48	0.14291	0.64534	-0.43	-0.03	-0.44	0.43	-0.08	-0.37	-0.71												
RPneg_511.27405_9.811	RP	neg	9.811	511.2741			4		0.98599	0.99480	0.03	0.23	0.28	-0.21	0.09	0.18	0.13179	0.62676	-0.44	-0.27	-0.56	-0.43	-0.38	-0.49	-0.33												
RPneg_511.28995_8.717	RP	neg	8.717	511.2900			4		0.00143	0.07654	0.43	0.39	0.66	0.50	0.63	0.48	0.77192	0.96458	-0.04	-0.16	-0.09	-0.08	0.04	0.04	-0.07												
RPneg_511.29044_7.29	RP	neg	7.29	511.2904			4		0.00552	0.14603	0.38	0.51	0.55	0.44	0.44	0.59	0.27518	0.78563	-0.26	-0.31	-0.25	-0.30	-0.21	-0.26	-0.21												
HILICneg_511.3007_1.06	HILIC	neg	1.06	511.3007			4		0.00339	0.11973	0.67	0.05	0.87	0.85	1.38	1.67	0.03209	0.37052	0.25	-0.33	0.36	0.74	0.26	0.24	-0.60												
HILICpos_511.301_0.45	HILIC	pos	0.45	511.3010			4		0.84285	0.94107	0.07	-0.30	0.37	0.47	0.00	0.47	0.50807	0.90389	-0.14	0.00	-0.05	-0.25	-0.18	-0.28	-0.14												
RPpos_511.3015_9.21	RP	pos	9.21	511.3015			4		0.75704	0.90395	0.01	0.13	0.37	0.09	-0.07	0.59	0.70417	0.95228	-0.15	-0.25	0.16	-0.25	-0.06	-0.48	-0.08												
RPneg_511.30176_9.323	RP	neg	9.323	511.3018			4		0.00021	0.02753	0.50	0.10	0.55	0.51	1.03	1.30	0.29348	0.79704	0.55	-0.26	0.68	0.94	0.47	0.81	-0.19												
RPneg_511.30347_9.174	RP	neg	9.174	511.3035			4		0.00193	0.08849	0.87	0.14	1.20	1.10	1.27	1.53	0.00000	0.00123	0.45	-0.27	0.61	1.07	0.37	0.41	-0.48												
HILICpos_511.3265_0.64	HILIC	pos	0.64	511.3265			4		0.19302	0.53836	-0.40	-0.20	0.73	-0.30	-0.40	0.53	0.08829	0.54840	-0.16	-0.11	0.03	-0.42	-0.12	0.11	-0.13												
HILICpos_511.3272_0.69	HILIC	pos	0.69	511.3272			4		0.50920	0.78201	-0.21	0.03	-0.17	-0.34	1.61	0.05	0.12027	0.60736																			

							IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																	
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)															
									Area Under the Curve (AUC)						Baseline			IV-Ghrelin or Placebo				BrC=0			Area Under the Curve (AUC)			Baseline		Post-LD		IV-Ghrelin or Placebo			BrC=0		
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
RPpos_513.3871_11.27	RP	pos	11.27		513.3871		4		0.14414	0.48467	-0.45	0.39	-0.11	-0.03	0.19	-0.31		0.07281	0.51430	0.59	0.45	0.27	0.55	0.43	0.75	0.92											
RPpos_513.3978_14.48	RP	pos	14.48		513.3978		4		0.97503	0.99033	-0.09	0.36	-0.39	0.80	-0.02	0.25		0.01691	0.27821	-0.44	-0.41	0.32	-0.63	-0.25	-0.45	-0.27											
HILICpos_514.1079_6.13	HILIC	pos	6.13		514.1079		4		0.76054	0.90500	-0.13	0.12	0.45	0.11	0.00	-0.13		0.16661	0.67785	0.14	-0.18	0.16	0.08	0.48	0.16	-0.16											
RPneg_514.16437_10.85	RP	neg	10.85		514.1644		4		0.13813	0.47769	0.34	-0.05	0.17	-0.08	0.40	0.03		0.95285	0.99379	0.01	-0.04	0.26	0.11	-0.13	-0.09	-0.09											
HILICpos_514.1725_4.84	HILIC	pos	4.84		514.1725		4		0.43971	0.73678	0.20	0.09	1.03	0.28	0.18	-0.28		0.92562	0.33747	0.99	0.74	0.26	1.37	1.37	0.67	0.37											
RPpos_514.2655_10.5	RP	pos	10.5		514.2655		4		0.28136	0.61975	0.13	0.01	0.87	0.20	0.39	0.18		0.17493	0.63999	0.35	0.04	-0.26	0.07	-0.20	-0.30	-0.02											
RPneg_514.27655_13.185	RP	neg	13.185		514.2766		4		0.32070	0.64717	-0.29	1.11	-0.41	-0.39	0.17	-0.04		0.67302	0.94628	-0.13	-0.15	0.09	0.05	-0.11	0.00	-0.47											
RPneg_514.27783_8.539	RP	neg	8.539		514.2778		4		0.00033	0.03398	0.91	0.51	1.53	0.84	0.38	2.07		0.10277	0.57743	0.72	0.11	0.27	0.83	1.16	0.76	0.57	0.02										
RPneg_514.28271_7.377	RP	neg	7.377		514.2827		4		0.00091	0.06059	1.01	0.12	1.38	1.41	1.17	0.68		0.21964	0.73629	0.27	-0.39	0.44	0.73	0.36	0.25	-0.51											
HILICneg_514.2833_3.2	HILIC	neg	3.2		514.2833		4		0.07904	0.42023	0.71	-0.05	1.86	0.68	0.41	0.46		0.02914	0.35585	0.91	-0.42	1.21	2.05	0.79	0.59	-0.38											
RPneg_514.28333_7.499	RP	neg	7.499		514.2833		4		0.00110	0.06696	0.53	0.14	0.95	0.47	0.49	0.29		0.46441	0.88716	0.63	-0.01	0.68	0.76	0.90	0.75	-0.14											
RPneg_514.28369_7.061	RP	neg	7.061		514.2837		4		0.00129	0.07287	0.59	0.08	0.96	0.50	0.84	0.28		0.94999	0.99346	-0.03	-0.41	-0.02	0.29	0.14	0.01	-0.52											
HILICpos_514.2847_0.44	HILIC	pos	0.44		514.2847		4		0.76825	0.90882	-0.05	0.00	0.62	-0.05	0.40	-0.01		0.02111	0.30723	0.37	0.59	0.44	0.07	0.72	0.14	-0.24											
RPneg_514.28528_8.069	RP	neg	8.069		514.2853		4		0.01541	0.23287	0.84	0.11	1.15	1.34	0.81	0.97		0.40017	0.85821	0.16	-0.42	0.59	0.68	0.06	-0.06	-0.48											
RPpos_514.2861_5.97	RP	pos	5.97		514.2861		4		0.70343	0.87905	-0.07	0.01	0.69	-0.12	0.57	0.42		0.67209	0.94598	-0.09	0.46	-0.08	-0.17	0.19	-0.25	-0.36											
RPneg_514.30048_8.548	RP	neg	8.548		514.3005		4		0.00035	0.03453	0.89	0.10	1.29	1.23	0.72	0.89		0.05184	0.45366	-0.58	-0.70	-0.64	-0.50	-0.46	-0.55	-0.38											
RPneg_514.30548_10.654	RP	neg	10.654		514.3055		4		0.01619	0.23584	-0.45	-0.06	-0.11	-0.29	-0.45	-0.44		0.66745	0.94439	0.10	0.05	0.30	0.13	0.22	0.00	-0.21											
RPneg_514.32318_5.08	RP	neg	5.08		514.3232		4		0.99750	0.99506	0.00	0.18	-0.34	0.01	0.19	0.24		0.00378	0.12663	1.27	0.65	0.13	0.20	0.68	3.68	-0.28											
RPpos_514.3386_8.92	RP	pos	8.92		514.3386	no autoMSMS	4		0.00016	0.02584	0.02	0.07	0.17	0.04	0.15	0.45		0.26008	0.77434	-0.25	-0.15	0.27	0.07	0.14	0.39	0.04											
HILICpos_514.3564_0.4	HILIC	pos	0.4		514.3564		4		0.66903	0.86191	0.06	0.31	0.40	0.03	0.00	0.31		0.76232	0.96284	-0.13	-0.11	0.30	-0.08	0.12	0.48	0.53											
RPpos_514.3595_8.09	RP	pos	8.09		514.3595		4		0.61219	0.83427	0.12	0.02	0.44	0.13	0.18	-0.17		0.61617	0.93203	-0.30	-0.20	1.43	-0.17	-0.85	-0.63	-1.10											
RPpos_514.62_10.5	RP	pos	10.5		514.6200		4		0.82936	0.93512	-0.04	-0.25	0.89	0.12	-0.25	0.35		0.59691	0.92780	-0.15	-0.25	0.17	-0.17	0.12	-0.56	-0.36											
RPpos_514.9529_10.5	RP	pos	10.5		514.9529		4		0.30176	0.63125	-0.23	-0.37	0.78	-0.44	-0.10	0.20		0.98428	0.99771	-0.04	-0.23	0.00	0.01	0.23	-0.11	-0.24											
RPneg_515.10352_7.67	RP	neg	7.67		515.1035		4		0.38524	0.69777	-0.07	-0.03	0.10	-0.05	0.04	-0.06		0.60161	0.92840	0.16	0.09	0.27	0.13	0.25	0.13	0.02											
RPneg_515.10364_2.391	RP	neg	2.391		515.1036		4		0.69049	0.87274	0.02	0.18	0.59	0.33	-0.46	-0.44		0.53996	0.91464	-0.23	0.07	-0.06	0.07	-0.48	-0.20	-0.75											
RPneg_515.10449_8.17	RP	neg	8.17		515.1045		4		0.43763	0.73540	-0.08	-0.09	0.03	-0.07	0.03	-0.01		0.86479	0.97994	0.02	0.02	0.01	-0.04	0.03	0.10	0.04											
RPneg_515.10468_6.991	RP	neg	6.991		515.1047		4		0.01650	0.23757	-0.26	0.03	-0.26	-0.36	-0.16	-0.07		0.67870	0.94718	-0.16	0.00	-0.04	-0.19	-0.12	-0.21	-0.02											
RPneg_515.10608_2.811	RP	neg	2.811		515.1061		4		0.28878	0.62222	-0.20	0.09	0.51	-0.05	-0.58	-0.43		0.98160	0.99752	-0.07	-0.08	0.06	0.06	0.11	-0.22	-0.42											
RPneg_515.26556_9.271	RP	neg	9.271		515.2656		4		3.57E-07	0.00051	1.03	0.96	1.11	1.29	0.90	1.06		0.35897	0.83442	0.36	0.17	0.24	0.29	0.67	0.24	0.45											
RPneg_515.27161_5.005	RP	neg	5.005		515.2716		4		0.27685	0.61158	0.28	0.22	0.59	0.27	0.67	0.40		0.73466	0.95858	-0.11	-0.23	0.02	-0.19	0.12	-0.27	-0.16											
RPneg_515.28625_8.093	RP	neg	8.093		515.2863		4		0.79166	0.89658	0.09	0.20	0.30	0.15	0.30	-0.47		0.20325	0.71948	1.24	0.81	1.65	1.92	1.31	1.11	1.05											
RPpos_515.3122_10.42	RP	pos	10.42		515.3122		4		0.11655	0.45246	-0.43	0.52	0.35	-0.32	-0.28	0.24		0.05587	0.46666	-0.28	-0.26	-0.25	-0.24	-0.44	-0.12	-0.77											
RPpos_515.3128_10.3	RP	pos	10.3		515.3128		4		0.02511	0.27745	-0.34	0.07	0.03	0.07	0.22	-0.32		0.17559	0.69019	-0.15	-0.17	-0.09	-0.14	0.04	-0.18	-0.35											
HILICneg_515.4107_0.39	HILIC	neg	0.39		515.4107		4		0.11983	0.45560	0.34	0.17	0.25	0.18	0.98	0.16		0.56922	0.92115	-0.17	-0.03	-0.19	0.17	0.04	-0.22	-0.21											
RPneg_515.41119_11.625	RP	neg	11.625		515.4112		4		0.13808	0.47769	0.11	0.04	0.12	0.06	0.45	0.27		0.71043	0.95280	0.01	-0.20	0.11	-0.10	0.33	0.00	-0.19											
RPpos_515.4131_15.46	RP	pos	15.46		515.4131		4		0.51933	0.78761	0.09	1.49	0.14	0.55	-0.12	-0.06		0.01088	0.22187	-0.40	-0.36	-0.46	-0.18	0.10	-0.42	-0.33											
RPpos_515.4134_14.09	RP	pos	14.09		515.4134		4		0.84969	0.94362	-0.01	1.01	-0.11	0.77	-0.32	0.03		0.02098	0.30615	-0.44	-0.38	-0.28	-0.23	-0.28	-0.37	-0.30											
HILICneg_515.9081_1.46	HILIC	neg	1.46		515.9081		4		0.77005	0.90966	0.01	0.38	0.46	-0.02	0.04	-0.10		0.52068	0.90888	-0.23	-0.																

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)									IV-Alcohol clamp (IV-AC)								
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo			BRAC=0	Area Under the Curve (AUC)			IV-Ghrelin or Placebo			BRAC=0				
									p	q	d	d	-d	-d		-d	-d	-d	p	q	d		d	-d	-d	-d
RPpos_518.3226_11.52	RP	pos	11.52	518.3226			4		0.00724	0.16773	-0.30	0.10	-0.04	-0.15	-0.01	-0.35	0.17471	0.68949	-0.22	-0.26	-0.30	-0.28	-0.04	-0.16	-0.14	
RPpos_518.3226_11.08	RP	pos	11.08	518.3226			4		0.12913	0.46546	-0.25	0.07	-0.07	-0.26	-0.06	0.15	-0.22	0.08080	0.53249	-0.15	-0.45	0.29	-0.35	0.10	-0.12	-0.65
RPpos_518.3229_9.96	RP	pos	9.96	518.3229			4		0.38329	0.69665	-0.13	-0.22	-0.03	0.13	0.03	0.01	0.00819	0.19314	0.55	0.79	0.90	0.42	0.76	0.14	-0.22	
RPpos_518.3223_10.3	RP	pos	10.3	518.3230			4		0.02777	0.28599	-0.46	0.08	0.02	-0.34	-0.29	-0.33	0.10663	0.58827	-0.15	-0.13	-0.13	-0.32	0.00	-0.11	-0.29	
RPpos_518.3231_9.83	RP	pos	9.83	518.3231			4		0.01531	0.23245	-0.31	0.08	-0.03	-0.29	0.21	0.05	0.02295	0.31915	0.08	0.13	0.54	0.06	0.62	0.07	0.34	
RPpos_518.3240_8.51	RP	pos	8.51	518.3240			4		0.41566	0.72004	0.18	0.31	0.29	0.32	0.51	0.00	0.37926	0.81641	0.23	0.19	0.26	0.19	0.26	0.17	0.46	
RPpos_518.3361_6.9	RP	pos	6.9	518.3361			4		0.15631	0.49930	-0.41	-0.34	0.67	-0.46	-0.49	0.41	0.40069	0.85821	-0.35	-0.20	-0.12	-0.19	-0.03	-0.44	-0.62	
RPpos_518.353_6.64	RP	pos	6.64	518.3530			4		0.31673	0.64006	-0.28	-0.23	0.70	0.03	-0.24	0.19	0.48388	0.89667	-0.28	-0.22	-0.11	-0.11	0.06	-0.70	-0.31	
RPpos_518.3682_10.72	RP	pos	10.72	518.3682			4		0.82663	0.93450	0.07	-0.67	0.25	0.51	0.07	0.29	0.42008	0.86806	0.15	-1.04	0.17	-0.24	0.31	0.16	0.86	
HILICpos_518.369_0.37	HILIC	pos	0.37	518.3690			4		0.66402	0.85933	-0.06	0.21	0.47	-0.02	0.29	-0.30	0.71136	0.95302	0.10	-0.02	0.56	0.18	-0.04	-0.38	0.42	
RPpos_518.4085_14.09	RP	pos	14.09	518.4085			4		0.81521	0.92958	-0.09	0.85	-0.31	0.69	-0.46	0.00	0.09627	0.56598	-0.36	-0.46	-0.19	0.47	-0.07	-0.40	-0.30	
RPpos_518.4242_13.58	RP	pos	13.58	518.4242			4		0.77531	0.91136	0.03	0.45	-0.09	0.97	-0.50	0.16	0.17818	0.69288	-0.44	-0.46	-0.42	0.22	-0.42	-0.25	-0.25	
RPpos_518.7909_10.25	RP	pos	10.25	518.7909			4		0.99706	0.99887	-0.04	-0.07	0.57	0.10	0.46	0.10	0.97227	0.99673	-0.07	-0.06	-0.09	0.19	0.10	-0.21	-0.36	
RPpos_518.793_10.54	RP	pos	10.54	518.7930			4		0.70353	0.87908	0.06	-0.19	1.05	0.03	0.06	0.88	0.12836	0.62081	-0.41	-0.12	-0.44	-0.34	-0.15	-0.67	-0.09	
HILICneg_518.828_0.54	HILIC	pos	0.54	518.8280			4		0.57733	0.81684	0.10	0.16	0.19	0.08	0.16	0.93	0.36270	0.83696	0.00	-0.12	-0.10	0.04	0.10	0.08	-0.05	
HILICneg_519.0612_4.21	HILIC	neg	4.21	519.0612			4		0.11336	0.44915	-0.25	0.19	0.68	-0.04	-0.80	-0.64	0.96681	0.99654	-0.09	0.04	0.02	0.26	0.04	-0.44	-0.32	
RPneg_519.09735_8.17	RP	neg	8.17	519.0974			4		0.62859	0.84277	0.03	0.09	-0.01	0.01	0.16	0.22	0.35234	0.83210	-0.08	-0.05	-0.09	-0.04	0.09	-0.12	-0.32	
RPneg_519.15137_10.87	RP	neg	10.87	519.1514			4		0.32905	0.65340	0.32	0.00	-0.20	0.50	0.96	0.28	0.89898	0.98537	0.03	-0.57	0.45	-0.25	0.03	-0.35	-1.18	
RPpos_519.1719_7.41	RP	pos	7.41	519.1719			4		0.90553	0.77552	0.07	0.14	0.15	0.31	0.32	0.03	0.01127	0.22588	0.26	0.17	0.35	0.12	0.59	0.21	-0.11	
RPpos_519.2147_6.95	RP	pos	6.95	519.2147			4		0.65341	0.84653	0.07	0.18	0.55	0.03	0.39	0.35	0.47790	0.89338	-0.30	0.31	-0.39	0.30	0.35	0.77	-0.38	
RPneg_519.22412_9.139	RP	neg	9.139	519.2241			4		0.25682	0.59492	-0.07	-0.01	-0.04	-0.06	-0.09	0.03	0.18866	0.71469	1.33	1.14	1.54	1.22	1.51	1.85	1.11	
RPpos_519.2276_8.68	RP	pos	8.68	519.2276		no autoMSMS	4		0.02025	0.25822	0.45	-0.08	0.82	0.49	0.88	0.62	0.00000	0.00000	0.56	-0.20	0.78	1.07	0.57	0.51	-0.27	
HILICpos_519.2398_0.44	HILIC	pos	0.44	519.2398			4		0.83992	0.93962	0.07	0.16	0.70	0.00	0.46	0.51	0.20579	0.72174	0.29	0.42	0.27	0.07	0.86	-0.09	-0.16	
RPpos_519.242_5.97	RP	pos	5.97	519.2420			4		0.66927	0.86194	-0.05	0.02	0.68	-0.09	0.53	0.46	0.63728	0.93621	-0.10	0.38	-0.08	0.00	0.12	-0.36	-0.44	
RPneg_519.40497_11.157	RP	neg	11.157	519.4050			4		0.15231	0.49506	0.27	-0.05	0.28	0.26	0.51	0.38	0.24707	0.76310	-0.32	0.44	-0.09	-0.21	-0.58	-0.32	-0.57	
RPpos_519.5839_11.01	RP	pos	11.01	519.5839			4		0.56079	0.80943	0.17	-0.32	1.64	0.29	-0.55	1.10	0.67967	0.94739	-0.17	-0.08	0.11	0.09	0.76	-0.25	-0.28	
RPpos_519.9183_11.01	RP	pos	11.01	519.9183			4		0.96993	0.98857	0.00	0.00	0.63	-0.10	-0.13	0.75	0.33018	0.82049	-0.28	0.09	-0.22	-0.08	0.27	-0.93	-0.33	
HILICpos_520.0568_4.07	HILIC	pos	4.07	520.0568			4		0.42766	0.72875	-0.23	0.47	0.55	0.04	-0.49	-0.85	0.73450	0.95858	0.09	0.43	-0.53	0.39	0.61	-0.33	0.13	
RPneg_520.16333_6.807	RP	neg	6.807	520.1633			4		0.90460	0.96483	-0.05	-0.01	0.06	0.03	-0.01	0.10	0.58436	0.92465	-0.03	-0.05	-0.04	-0.06	0.01	-0.01	-0.07	
RPneg_520.16333_6.948	RP	neg	6.948	520.1633			4		0.98165	0.99289	-0.02	0.03	-0.05	0.12	0.11	0.05	0.35517	0.83325	-0.06	-0.20	-0.17	-0.07	0.05	0.00	-0.02	
HILICneg_520.1649_3.21	HILIC	neg	3.21	520.1649			4		0.82005	0.93153	-0.06	0.04	0.09	-0.11	0.00	0.36	0.30483	0.80496	-0.08	-0.02	-0.05	-0.18	-0.07	-0.12	0.02	
RPpos_520.1779_7.65	RP	pos	7.65	520.1779			4		0.48931	0.77067	-0.05	-0.07	0.19	-0.08	0.05	-0.10	0.49261	0.89839	0.20	0.17	0.23	0.14	0.31	0.18	0.13	
HILICpos_520.1783_8.14	HILIC	pos	8.14	520.1783			4		0.30236	0.63148	-0.13	-0.08	0.01	-0.10	0.04	-0.05	0.04720	0.89285	0.01	0.01	-0.04	-0.04	0.07	0.03	0.32	
HILICneg_520.2657_2.1	HILIC	neg	2.1	520.2657			4		0.02356	0.27111	-0.40	-0.16	-0.42	-0.23	-0.41	-0.33	0.51987	0.90879	-0.10	-0.13	0.31	-0.13	0.08	-0.19	-0.38	
RPpos_520.296_9.17	RP	pos	9.17	520.2960	adduct of chenoodeoxycholic acid glycine conjugate		4		0.00041	0.03710	0.71	0.13	1.07	0.68	1.04	0.91	0.00001	0.00290	0.38	-0.22	0.61	0.74	0.37	0.34	-0.39	
RPpos_520.2962_9.31	RP	pos	9.31	520.2962			4		0.00028	0.03177	0.54	0.09	0.98	0.50	0.65	0.85	0.15036	0.65336	0.60	-0.24	0.91	0.91	0.61	0.51	-0.17	
HILICpos_520.3118_4.22	HILIC	pos	4.22	520.3118			4		0.10269	0.43541	-0.42	0.13	-0.72	-0.20	0.21	0.18	0.46526	0.88771	-0.25	0.62	-0.50	-0.60	-0.05	0.37	-0.30	
RPpos_520.3318_5.01	RP	pos	5.01	520.3318			4		0.29708	0.62791	-0.29	-0.14	0.68	-0.28	-0.29	0.17	0.02708	0.34523	-0.46	-0.35	-0.16	-0.60	-0.05	-0.13	-0.53	
HILICpos_520.3327_0.62	HILIC	pos	0.62	520.3327			4		0.18794	0.53402	-0.37	-0.22	0.47	-0.02	-0.39	0.17	0.03587	0.38709	-0.48	-0.36	-0.34	-0.47	-0.16	-0.07	-0.33	
HILICpos_520.3384_1.24	HILIC	pos	1.24	520.3384			4		0.02152	0.26365	-0.42	-0.04	-0.11	-0.17	-0.28	-0.51	0.68539	0.94868	0.06	0.09	-0.02	0.06	0.19	0.12	-0.17	
RPpos_520.3386_11.08	RP	pos	11.08	520.3386			4		0.25199	0.59087	-0.26	-0.22	-0.16	0.35	0.02	-0.61	0.64531	0.93817	0.10	0.33	0.01	0.08	0.18	0.20	-0.34	
HILICpos_520.3387_1.12	HILIC	pos	1.12	520.3387			4		0.01155	0.20706	-0.40	0.00	-0.07	-0.26	-0.20	-0.63	0.70012	0.95161	0.06	0.07	-0.03	0.09	0.23	0.10	-0.17	
RPpos_520.3403_10.12	RP	pos	10.12	520.3403			4		0.01524	0.23217	-0.41	-0.19	-0.12	-0.20	-0.21	-0.60	0.54903	0.91715	0.09	0.04	0.13	0.07	0.20	0.12	-0.18	
RPpos_520.343_11.52	RP	pos	11.52	520.3430			4		0.08129	0.24669	-0.41	-0.16	-0.26	-0.14	-0.20	-0.17	0.32011	0.81514	0.18	0.22	0.26					

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)												
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo				BrAC=0						Area Under the Curve (AUC)			IV-Ghrelin or Placebo				BrAC=0					
									p	q	d	d	d	d	d	p	q	d	d	d	d	d	p	q	d	d	d	d	d					
									Baseline	IV-Ghrelin or Placebo	BrAC=0	Area Under the Curve (AUC)	Baseline	IV-Ghrelin or Placebo	BrAC=0	Area Under the Curve (AUC)	Baseline	IV-Ghrelin or Placebo	BrAC=0	Area Under the Curve (AUC)	Baseline	IV-Ghrelin or Placebo	BrAC=0	Area Under the Curve (AUC)	Baseline	IV-Ghrelin or Placebo	BrAC=0	Area Under the Curve (AUC)	Baseline	IV-Ghrelin or Placebo	BrAC=0			
RPpos_523.6349_10.77	RP	pos	10.77	523.6349			4		0.87890	0.95476	-0.07	0.07	1.54	-0.05	-0.18	0.46	0.89865	0.98536	-0.06	-0.26	0.26	-0.28	0.71	-0.34	-0.38									
RPpos_523.6682_7.23	RP	pos	7.23	523.6682			4		0.90122	0.96357	-0.04	0.12	0.73	0.03	-0.01	0.61	0.34315	0.82748	-0.39	0.03	-0.11	-0.67	0.08	0.28	-0.77									
RPpos_523.9771_8.55	RP	pos	8.55	523.9771			4		0.66159	0.85808	0.16	-0.27	0.52	0.09	0.28	-0.03	0.76463	0.96333	0.01	0.16	0.13	0.02	-0.15	-0.06	-0.12									
RPneg_524.19562_6.887	RP	neg	6.887	524.1956			4		0.65675	0.85625	0.00	0.13	0.04	0.17	0.11	-0.05	0.63344	0.93546	0.19	0.17	0.19	0.17	0.23	0.19	0.20									
RPneg_524.24066_11.756	RP	neg	11.756	524.2407			4		0.81453	0.93863	0.18	0.51	0.11	0.37	0.06	-0.20	0.51781	0.88947	0.77	0.31	0.42	0.21	0.78	0.65	0.07									
RPneg_524.25024_71.82	RP	neg	71.82	524.2502			4		0.83688	0.93863	0.07	0.04	0.36	0.05	0.06	0.11	0.17184	0.84946	0.42	0.44	0.49	0.04	0.46	0.44	0.44									
HILICpos_524.2683_0.39	HILIC	pos	0.39	524.2683			4		0.44153	0.73833	-0.28	0.43	0.02	-0.08	0.38	0.17	0.40640	0.86067	-0.32	0.59	-0.02	0.70	-0.06	-0.28	-0.49									
HILICpos_524.2691_0.47	HILIC	pos	0.47	524.2691			4		0.32893	0.65340	-0.35	-0.11	-0.25	-0.06	-0.16	-0.21	0.50746	0.90385	-0.16	-0.58	-0.50	0.56	-0.57	0.21	0.22									
RPneg_524.26959_9.317	RP	neg	9.317	524.2696			4		0.00412	0.13143	0.23	0.18	0.44	0.32	0.30	-0.10	0.39138	0.85207	0.16	0.15	0.09	0.15	0.45	0.19	-0.12									
RPpos_524.2709_6.88	RP	pos	6.88	524.2709			4		0.51695	0.78649	-0.24	0.34	0.79	-0.29	0.63	-0.04	0.61388	0.93135	-0.26	1.10	0.02	-0.29	0.01	-0.76	-0.95									
RPpos_524.2724_10.24	RP	pos	10.24	524.2724			4		0.86851	0.95065	0.07	0.11	0.41	0.46	0.24	0.45	0.90814	0.98698	0.10	-0.17	0.17	0.53	0.06	-0.04	-0.14									
HILICpos_524.2739_1.78	HILIC	pos	1.78	524.2739			4		0.67011	0.86246	-0.11	0.03	0.40	0.29	0.53	-0.08	0.41899	0.86713	0.40	0.16	0.58	0.22	0.71	0.43	-0.30									
RPpos_524.2747_10.13	RP	pos	10.13	524.2747			4		0.85219	0.94447	0.06	0.01	0.58	0.48	0.49	0.30	0.19064	0.70592	0.61	0.48	0.35	0.57	0.99	0.31	0.47									
RPneg_524.27588_10.24	RP	neg	10.24	524.2759			4		0.17205	0.51739	-0.33	-0.25	-0.06	-0.51	0.32	-0.05	0.99775	0.99953	0.18	0.07	0.17	0.26	0.42	0.46	-0.07									
HILICneg_524.2773_1.88	HILIC	neg	1.88	524.2773			4		0.16838	0.51353	-0.34	-0.28	-0.04	-0.48	0.33	-0.16	0.81310	0.97170	0.29	0.13	0.32	0.38	0.56	0.61	-0.05									
HILICneg_524.2775_1.65	HILIC	neg	1.65	524.2775			4		0.17797	0.52361	-0.35	-0.30	-0.04	-0.51	0.31	-0.11	0.88844	0.98372	0.25	0.15	0.45	0.40	0.27	0.37	-0.04									
RPpos_524.2781_10	RP	pos	10	524.2781			4		0.18901	0.53554	-0.22	-0.11	-0.08	-0.48	0.37	0.23	0.90479	0.98615	0.09	-0.04	0.15	-0.09	0.65	0.31	-0.42									
RPneg_524.29865_9.91	RP	neg	9.91	524.2987			4		0.04828	0.34231	-0.65	-0.30	-0.37	-0.51	-0.46	-0.07	0.71346	0.95354	-0.06	-0.21	-0.01	-0.49	-0.16	0.09	0.30									
HILICpos_524.3062_3.95	HILIC	pos	3.95	524.3062			4		0.25030	0.58922	-0.22	-0.09	-0.05	-0.02	0.14	-0.48	0.81022	0.97170	0.09	0.46	0.34	0.01	0.16	-0.35	0.26									
RPpos_524.3085_7.58	RP	pos	7.58	524.3085			4		0.00034	0.02198	1.23	0.45	2.00	1.30	1.08	0.70	0.00293	0.10834	0.37	0.01	1.30	0.49	0.45	0.56	0.03									
RPneg_524.33551_10.504	RP	neg	10.504	524.3355			4		0.82431	0.93346	-0.02	0.12	0.15	-0.13	0.01	0.19	0.21082	0.72760	-0.13	-0.11	-0.09	-0.11	-0.10	-0.14	-0.22									
RPneg_524.33582_10.654	RP	neg	10.654	524.3358			4		0.01773	0.24428	-0.42	-0.04	-0.16	-0.30	-0.27	-0.39	0.62360	0.93343	0.09	0.20	0.17	0.12	0.14	0.01	-0.14									
HILICneg_524.3362_1.13	HILIC	neg	1.13	524.3362			4		0.00139	0.07596	-0.59	-0.17	-0.26	-0.41	-0.65	-0.34	0.94996	0.99346	0.27	0.21	0.01	0.24	0.56	0.23	-0.12									
RPneg_524.33624_10.373	RP	neg	10.373	524.3362			4		0.75104	0.90082	-0.11	0.00	0.03	-0.17	0.04	0.04	0.94528	0.99220	0.02	0.08	-0.10	0.10	-0.01	0.13	-0.04									
HILICpos_524.3705_1.18	HILIC	pos	1.18	524.3705			4		0.00577	0.14844	-0.45	0.21	-0.12	-0.35	-0.39	-0.50	0.25673	0.77214	0.04	0.14	-0.14	0.08	0.24	0.01	-0.07									
HILICpos_524.3712_1.07	HILIC	pos	1.07	524.3712			4		0.96652	0.98800	-0.02	-0.04	0.10	-0.35	1.35	-0.46	0.97755	0.99726	0.57	-0.05	0.54	0.29	0.87	0.13	-0.27									
RPpos_524.3725_11.08	RP	pos	11.08	524.3725			4		0.04927	0.34519	-0.33	0.03	-0.06	-0.24	-0.03	-0.42	0.13680	0.63503	-0.03	0.26	-0.05	-0.22	0.12	0.04	-0.20									
RPpos_524.3726_11.52	RP	pos	11.52	524.3726			4		0.01527	0.23240	-0.39	0.20	-0.16	-0.34	-0.13	-0.51	0.03418	0.37887	-0.04	-0.22	0.00	0.13	-0.24	0.12	-0.07									
RPpos_524.3726_10.76	RP	pos	10.76	524.3726			4		0.02643	0.28143	-0.39	0.00	-0.15	-0.32	-0.19	-0.41	0.22043	0.73711	0.00	0.06	0.02	-0.02	0.16	-0.07	-0.22									
RPpos_525.0427_11.18	RP	pos	11.18	525.0427			4		0.00250	0.10246	-1.10	0.13	-0.94	-0.58	-1.60	0.02	0.53299	0.91295	-0.12	0.32	-0.08	0.28	-0.68	-0.50	0.05									
HILICneg_525.0602_4.89	HILIC	neg	4.89	525.0602			4		0.72729	0.88895	0.12	0.56	0.47	-0.02	0.19	0.36	0.06124	0.48317	-0.40	-0.05	-0.62	-0.16	-0.04	-0.70	-0.59									
RPneg_525.17633_10.849	RP	neg	10.849	525.1763			4		0.11698	0.45278	0.28	-0.12	0.17	0.02	1.25	0.01	0.67289	0.94628	0.12	0.06	0.33	0.10	0.06	0.25	-0.11									
HILICpos_525.2494_0.48	HILIC	pos	0.48	525.2494			4		0.00905	0.38849	0.55	-0.56	0.66	-0.54	-0.75	-0.35	0.58050	0.93418	-0.19	-0.23	0.66	0.01	0.54	-0.57	0.19									
RPpos_525.2676_7.31	RP	pos	7.31	525.2676		no autoMSMS	4		0.00145	0.07704	1.14	-0.06	0.85	1.55	2.59	0.07	0.00057	0.03955	1.38	-0.07	0.17	0.79	2.09	2.10	1.80									
RPneg_525.26978_7.587	RP	neg	7.587	525.2698			4		1.355-05	0.00648	1.47	0.06	2.07	2.12	2.20	-0.22	0.00000	0.00076	2.49	-0.42	0.25	2.49	4.83	3.71	-0.02									
RPneg_525.27063_7.816	RP	neg	7.816	525.2706			4		0.13660	0.47649	0.82	1.03	0.93	1.47	0.61	1.22	0.37472	0.84351	0.15	0.16	0.14	0.14	0.20	0.09	0.20									
RPneg_525.27069_7.063	RP	neg	7.063	525.2707			4		0.00069	0.05157	0.99	0.09	0.80	1.10	1.97	1.14	0.00089	0.05327	0.40	-0.35	-0.23	0.20	0.89	1.04	0.66									
RPneg_525.27075_7.386	RP	neg	7.386	525.2708			4		0.00249	0.10246	1.06	0.85	1.03	1.44	1.28	0.95	0.45123	0.88236	0.35	0.13	0.06	0.40	0.55	0.58	0.31									
RPneg_525.27075_7.004	RP	neg	7.004	525.2708			4		0.00471	0.13733	0.74	0.07	0.82	0.90	1.30	0.03	0.00376	0.12636	0.87	-0.46	-0.21	0.86	1.99	1.90	0.11									
RPneg_525.27087_7.986	RP	neg	7.986	525.2709			4		0.02680	0.28244	0.74	-0.05	1.03	0.97	1.20	0.21	0.21724	0.73403	0.32	-0.31	-0.09	0.37	0.80	0.61	-0.01									
RPneg_525.27094_8.082	RP	neg	8.082	525.2709			4		0.00045	0.03900	1.77	-0.01	2.81	2.10	1.86	0.00	0.00039	0.03129	1.58	-0.14	0.46	2.57	2.25	2.27	0.13									
RPneg_525.27106_7.188	RP	neg	7.188	525.2711			4		0.17467	0.52011	0.56	0.73	0.55	0.96	0.47	1.06	0.59421	0.92734	0.09	-0.04	0.02	0.03	0.19	0.14	0.22									
HILICneg_525.2712_4.17	HILIC	neg	4.17	525.2712			4		0.00018	0.02597	1.07	0.16	0.88	1.09	2.16	1.26	0.01396	0.25177	0.41	-0.34	-0.13	0.12	1.01	0.91	0.73									
HILICpos_525.3068_0.43	HILIC	pos	0.43	525.3068			4		0.69992	0.87732	0.08	0.12	0.50	0.31	0.12	0.78	0.27636	0.78625	-0.19	-0.17	-0.07	-0.33	0.24	-0.47	-0.34									
RPpos_525.3071_10.19	RP	pos	10.19	525.3071			4		0.84966	0.94362	0.01	-0.09	0.85	0.08	-0.06	0.81	0.27991	0.78904	-0.18	-0.21	-0.05	-0.18	-0.10	-0.32	-0.25									
RPpos_525.3327_7.75	RP	pos	7.75	525.3327			4		0.66356	0.85911	-0.16	0.12	0.92	-0.26	-0.16	0.95	0.25732	0.72716	-0.32	-0.20	-0.06	-0.33	-0.36	-0.30	-0.35									
HILICpos_525.3336_0.53	HILIC	pos	0.53	525.3336			4		0.33033	0.65452	-0.29	-0.14	0.92	-0.30	-0.36	0.40	0.33028	0.82049	-0.31	0.23	0.05	-0.34	-0.08	-0.31	-0.41									
RPneg_526.18488_11.193	RP	neg	11.193	526.1849			4		0.30638	0.63523	0.41	0.27	0.76	0.64	0.62	-0.22	0.72522	0.95608	-0.12	-0.08	0.09	-0.1												

Feature_ID	Mode	ionization	Average_RT.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)									IV-Alcohol clamp (IV-AC)								
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo						Area Under the Curve (AUC)			IV-Ghrelin or Placebo					
									p	q	d	d	d	d	d	BrAc=0	p	q	d	d	d	d	d	BrAc=0		
RPpos_527.3342_9.3	RP	pos	9.3	527.3342			4		0.39386	0.70376	0.09	-0.01	0.52	0.09	0.20	-0.03	0.71459	0.95354	-0.02	-0.30	0.28	0.03	-0.10	-0.02	-0.15	
HILICneg_527.4095_0.39	HILIC	neg	0.39	527.4095			4		0.05701	0.36031	0.36	0.26	0.40	0.29	0.97	0.12	0.92215	0.98881	0.03	-0.12	0.27	-0.05	0.21	0.13	-0.09	
RPneg_527.41058_11.643	RP	neg	11.643	527.4106			4		0.16220	0.50672	0.15	0.16	0.19	0.22	0.28	0.44	0.98198	0.99752	-0.02	0.11	0.00	-0.02	0.08	-0.16	0.34	
RPpos_527.6415_10.5	RP	pos	10.5	527.6415			4		0.82762	0.93481	-0.09	-0.20	0.57	0.01	-0.10	0.77	0.42024	0.86826	-0.18	-0.24	-0.03	-0.16	0.13	-0.48	-0.30	
RPpos_527.7878_10.5	RP	pos	10.55	527.7878			4		0.70510	0.87955	-0.19	-0.20	0.92	0.16	-0.11	0.10	0.88143	0.98398	-0.01	-0.49	0.08	-0.09	0.02	0.02	-0.17	
RPpos_527.9778_10.5	RP	pos	10.5	527.9778			4		0.51437	0.82939	-0.17	-0.37	0.76	0.00	0.00	0.52	0.55343	0.81822	0.17	-0.15	-0.01	-0.29	0.11	-0.40	-0.33	
RPneg_528.26172_7.994	RP	neg	7.994	528.2617			4		0.00778	0.17365	0.77	0.59	0.99	0.80	0.90	0.46	0.66849	0.94464	0.15	0.14	0.00	0.19	0.19	0.31	0.08	
HILICneg_528.2621_3.33	HILIC	neg	3.33	528.2621			4		0.29111	0.62396	0.09	-0.03	0.20	0.11	0.19	0.07	0.81630	0.97217	0.01	-0.07	-0.07	-0.04	0.00	0.19	0.11	
HILICneg_528.2625_3.21	HILIC	neg	3.21	528.2625			4		0.04801	0.34175	0.70	0.45	0.79	0.87	1.52	-0.19	0.48474	0.89695	0.01	-0.12	0.01	-0.03	0.18	-0.05	-0.05	
RPneg_528.26288_8.691	RP	neg	8.691	528.2629			4		0.00362	0.12259	0.43	0.10	0.55	0.72	0.99	-0.26	0.98611	0.99792	-0.04	-0.15	-0.09	-0.01	0.07	0.03	-0.22	
RPneg_528.26324_7.239	RP	neg	7.239	528.2632			4		0.00018	0.02588	0.39	0.42	0.54	0.40	0.53	0.22	0.42587	0.87093	0.28	0.17	0.17	0.25	0.38	0.39	0.32	
RPneg_528.26398_8.116	RP	neg	8.116	528.2640			4		0.00689	0.16370	0.30	0.19	0.41	0.31	0.39	0.31	0.83092	0.97486	0.00	-0.13	-0.08	-0.04	0.04	0.18	0.00	
RPneg_528.26398_8.769	RP	neg	8.769	528.2640			4		0.10770	0.44127	0.10	0.00	0.23	0.09	0.16	0.10	0.88840	0.98372	0.00	-0.07	-0.07	-0.07	0.05	0.09	0.07	
RPneg_528.26404_7.435	RP	neg	7.435	528.2640			4		0.53427	0.79582	0.65	0.69	0.79	0.90	1.26	-0.29	0.92469	0.98905	-0.04	-0.11	-0.03	-0.08	-0.04	0.01	0.02	
RPneg_528.2641_7.702	RP	neg	7.702	528.2641			4		0.00431	0.13284	0.41	0.30	0.73	0.56	0.45	0.06	0.21290	0.72984	0.46	0.20	0.24	0.44	0.62	0.87	0.29	
RPneg_528.2641_8.601	RP	neg	8.601	528.2641			4		0.00394	0.12874	0.63	0.21	0.81	0.83	1.40	-0.08	0.23792	0.75633	0.10	-0.03	0.02	0.10	0.30	0.11	-0.05	
RPneg_528.26416_7.086	RP	neg	7.086	528.2642			4		0.45029	0.74416	0.29	0.43	0.49	0.47	0.59	-0.35	0.71800	0.95488	-0.10	-0.17	-0.08	0.06	-0.13	-0.11	-0.18	
HILICneg_528.2849_1.38	HILIC	neg	1.38	528.2849			4		0.12371	0.45914	-0.21	-0.08	-0.02	-0.07	-0.10	-0.10	0.62224	0.93433	0.13	0.67	0.03	0.08	0.27	0.05	0.21	
RPneg_528.2869_10.059	RP	neg	10.059	528.2869			4		0.17443	0.51993	-0.20	0.06	0.90	-0.10	-0.06	-0.24	0.89996	0.98550	0.05	0.15	0.08	-0.00	0.10	0.02	0.21	
RPneg_528.28699_9.91	RP	neg	9.91	528.2870			4		0.23205	0.57346	0.17	0.07	0.02	0.07	-0.03	-0.15	0.49177	0.89883	0.30	0.25	0.20	0.44	0.07	0.07	0.34	
RPneg_528.29388_8.051	RP	neg	8.051	528.2939			4		0.34652	0.66750	-0.28	0.23	-0.03	-0.23	-0.39	0.02	0.12972	0.62317	-0.24	-0.15	-0.40	-0.20	-0.11	-0.25	-0.30	
RPpos_528.3076_10.48	RP	pos	10.48	528.3076			4		0.53811	0.79779	-0.07	-0.10	0.08	0.00	0.39	0.06	0.35181	0.83198	0.39	0.40	0.38	0.40	0.58	0.41	0.20	
HILICpos_528.3081_1.7	HILIC	pos	1.7	528.3081			4		0.39688	0.70667	-0.08	0.02	0.04	0.00	0.32	-0.19	0.34055	0.82618	0.41	0.51	0.29	0.28	0.82	0.40	0.18	
HILICneg_528.3088_1.85	HILIC	neg	1.85	528.3088			4		0.79783	0.92198	0.03	-0.03	0.11	0.20	0.44	0.05	0.52565	0.91004	0.27	0.42	0.13	0.23	0.45	0.39	0.27	
RPneg_528.30945_10.246	RP	neg	10.246	528.3095			4		0.03713	0.31380	-0.37	0.02	0.05	-0.25	0.05	-0.32	0.74241	0.96009	0.28	0.46	0.14	0.15	0.29	0.20	-0.12	
RPneg_528.31012_10.527	RP	neg	10.527	528.3101			4		0.37814	0.69315	-0.03	0.14	0.02	0.19	0.36	0.12	0.55132	0.91756	0.25	0.37	0.31	0.32	0.40	0.12	0.12	
RPpos_528.3163_8.67	RP	pos	8.67	528.3163			4		0.18351	0.52966	0.17	-0.13	0.49	0.34	0.23	-0.16	0.20777	0.72383	0.17	-0.06	-0.09	-0.27	0.39	0.33	0.00	
HILICpos_528.3743_0.4	HILIC	pos	0.4	528.3743			4		0.78511	0.91566	-0.04	0.22	0.46	0.05	0.03	-0.01	0.53766	0.91464	-0.29	-0.11	0.28	-0.22	-0.16	-0.58	0.29	
RPpos_528.4615_12.61	RP	pos	12.61	528.4615			4		0.09897	0.42958	0.67	0.15	1.30	1.17	0.55	-0.59	0.91546	0.98777	0.13	-0.16	0.02	0.26	0.35	0.28	-0.06	
HILICneg_529.061_0.5	HILIC	neg	0.5	529.0610			4		0.96901	0.98841	-0.01	-0.10	0.13	0.60	-0.04	-0.24	0.97640	0.99711	0.00	-0.25	-0.11	-0.17	0.13	0.11	-0.11	
HILICneg_529.0896_4.21	HILIC	neg	4.21	529.0896			4		0.03200	0.29947	-0.22	-0.16	0.65	0.03	-0.82	-0.74	0.98812	0.99810	-0.05	0.23	-0.01	-0.01	0.01	-0.02	-0.33	
HILICneg_529.1805_1.44	HILIC	neg	1.44	529.1805			4		0.21905	0.56125	0.14	0.21	0.26	0.10	0.32	0.20	0.48004	0.89457	-0.01	-0.15	-0.03	0.00	0.10	-0.01	-0.01	
RPneg_529.2028_9.157	RP	neg	9.157	529.2028			4		0.48404	0.76700	-0.12	0.07	-0.18	0.09	-0.10	-0.26	0.36528	0.83811	-0.15	0.07	-0.07	-0.25	-0.22	-0.10	0.12	
RPpos_529.2258_6.88	RP	pos	6.88	529.2258			4		0.56612	0.81226	-0.24	0.47	0.33	-0.16	0.46	0.51	0.85576	0.97868	-0.10	1.11	-0.13	-0.62	0.15	0.07	-0.76	
HILICpos_529.2408_5.8	HILIC	pos	5.8	529.2408			4		0.90184	0.96375	0.10	0.43	0.48	0.21	0.41	-0.55	0.06476	0.49304	0.83	0.53	0.36	1.26	0.86	0.10	0.09	
RPneg_529.28638_9.881	RP	neg	9.881	529.2864			4		0.21879	0.56099	-0.20	0.12	-0.12	0.07	-0.11	-0.14	0.40171	0.85869	-0.32	-0.24	-0.57	-0.14	-0.02	-0.31	-0.22	
HILICneg_529.4261_0.39	HILIC	neg	0.39	529.4261			4		0.08206	0.40662	0.38	0.38	0.26	0.40	1.09	0.16	0.75450	0.96233	-0.01	0.16	-0.01	-0.07	0.08	0.08	-0.24	
RPneg_529.42664_11.807	RP	neg	11.807	529.4266			4		0.81324	0.92887	-0.02	0.25	-0.21	0.29	0.13	0.01	0.54791	0.91689	0.32	1.06	0.61	0.79	0.72	-0.29	-0.24	
RPneg_529.4267_11.982	RP	neg	11.982	529.4267			4		0.13402	0.47291	0.12	0.20	0.26	0.18	0.35	0.18	0.76387	0.96328	-0.03	0.18	-0.02	-0.07	0.01	0.00	-0.07	
RPneg_529.42676_11.882	RP	neg	11.882	529.4268			4		0.08747	0.41381	0.09	0.14	0.23	0.14	0.33	0.20	0.94641	0.99263	0.03	0.04	-0.04	0.01	0.22	0.06	-0.18	
RPpos_529.4279_14.09	RP	pos	14.09	529.4279			4		0.63641	0.84610	-0.13	0.78	-0.32	0.45	-0.28	-0.19	0.05857	0.47557	-0.40	-0.41	-0.31	0.26	-0.30	0.13	-0.31	
RPpos_529.4283_14.68	RP	pos	14.68	529.4283			4		0.96523	0.98780	-0.06	0.50	-0.15	0.29	-0.25	0.16	0.00129	0.06639	-0.42	-0.47	-0.48	0.31	-0.21	-0.40	-0.29	
RPpos_529.4285_14.51	RP	pos	14.51	529.4285			4		0.75460	0.90274	0.03	1.18	-0.17	0.10	0.10	-0.05	0.06380	0.48989	-0.28	-0.35	0.14	-0.41	-0.38	-0.40	-0.32	
RPpos_529.804_10.86	RP	pos	10.86	529.8040			4		0.08108	0.40571	-0.36	0.03	-0.14	-0.43	-0.15	-0.37	0.41440	0.86472	-0.08	0.14	0.24	0.06	0.20	-0.52	-0.26	
RPneg_530.16364_5.408	RP	neg	6.408	530.1636			4		0.63638	0.84610	0.29	0.24	0.54	0.54	0.46	-0.69	0.03067	0.36580	1.02	0.90	0.92	1.14	1.04	0.94	1.23	
RPpos_530.2523_11.22	RP	pos	11.22	530.2523			4		0.56643	0.81229	-0.15	-0.36	0.71	-0.04	-0.75	0.83	0.83643	0.38941	-0.52	-0.36	-0.12	-0.50	-0.56	-0.54	-0.19	
RPpos_530.2794_8.75	RP	pos	8.75	530.2794			4		0.06241	0.36949	-0.12	0.00	0.34	0.10	0.15	0.06	0.84788	0.97732	0.00	-0.05	-0.06	0.07	0.08	0.06	0.09	
RPneg_530.2818_10.059	RP	neg	10.059	530.2818			4		0.09099	0.41995	-0.23	0.04	0.06	-0.16	-0.10	-0.31	0.71311	0.95354	-0.15	0.26	0.30	0.14	-0.01	0.13	0.28	
HILICneg_530.3003_1.19	HILIC	neg	1.19	530.3003			4		0.03770	0.31436	-0.46	0.54	-0.01	-0.17	-0.49	-0.17	0.01296	0.24372	0.30	-0.47	-0.41	-0.45	-0.26	-0.32	-0.38	
HILICneg_530.3006_1.35	HILIC	neg	1.35	530.3006			4		0.15950	0.50300																

Feature_ID		Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)													
										Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo								
										p	q	d	d	d	d	d	d	p	q	d	d	d	d	d	p	q	d	d	d	d	d	d	d
										Baseline	IV-ASA	BrAc=0	Baseline	IV-ASA	BrAc=0	Baseline	Post-LD	IV-ASA	BrAc=0	Baseline	Post-LD	IV-ASA	BrAc=0	Baseline	Post-LD	IV-ASA	BrAc=0						
HILICpos_533.2369_5.64	HILIC	pos	5.64	533.2369				4	533.2369	0.63615	0.84600	0.10	0.43	0.21	0.49	0.34	-0.35	0.14208	0.64445	0.33	0.12	0.11	0.39	0.40	0.59	0.40	0.59	0.40					
RPneg_533.23724_8.39	RP	neg	8.39	533.2372				4	533.2372	0.01746	0.24235	0.30	0.14	0.53	0.43	0.35	0.26	0.36154	0.83579	0.15	-0.05	0.08	0.24	0.32	0.06	0.24	0.06	0.24					
RPpos_533.2867_10.83	RP	pos	10.83	533.2867				4	533.2867	0.94924	0.98121	-0.07	-0.04	0.89	-0.04	0.13	0.20	0.49956	0.90107	-0.25	-0.27	-0.15	-0.22	-0.01	-0.42	-0.42	-0.47	-0.47					
RPpos_533.2972_11	RP	pos	11	533.2972				4	533.2972	0.87594	0.95348	-0.08	-0.46	0.87	-0.12	0.06	0.67	0.30922	0.80799	-0.35	-0.17	-0.11	-0.28	-0.15	-0.57	-0.57	-0.52	-0.52					
RPpos_533.3116_9.23	RP	pos	9.23	533.3116				4	533.3116	0.36908	0.58740	0.25	0.29	0.51	0.46	0.37	0.26	0.09773	0.95983	-0.05	-0.06	0.15	0.20	0.06	-0.26	-0.20	-0.20	-0.20					
RPpos_533.3259_8.68	RP	pos	8.68	533.3259				4	533.3259	0.05778	0.36207	0.15	0.11	0.67	0.38	0.27	0.22	0.08739	0.61765	0.32	0.27	0.27	0.28	0.33	0.62	0.24	0.65	0.65					
RPpos_533.3397_10.55	RP	pos	10.55	533.3397				4	533.3397	0.00400	0.13435	-0.44	0.15	-0.15	-0.37	-0.20	-0.56	0.83299	0.97501	0.04	-0.10	0.04	0.04	0.07	0.20	0.20	-0.05	-0.05					
HILICpos_533.3398_0.64	HILIC	pos	0.64	533.3398				4	533.3398	0.22324	0.56572	-0.35	0.04	0.77	-0.42	-0.32	0.55	0.03195	0.36988	-0.33	-0.28	-0.16	-0.41	-0.02	-0.05	-0.44	-0.44						
HILICneg_533.3831_0.4	HILIC	neg	0.4	533.3831				4	533.3831	0.02084	0.26098	0.69	0.09	0.64	0.58	1.18	0.25	0.43439	0.87583	-0.20	-0.26	-0.17	-0.20	-0.16	-0.26	-0.12	-0.12	-0.12					
HILICneg_534.2363_2.05	HILIC	neg	2.05	534.2363				4	534.2363	0.45122	0.74468	-0.17	-0.11	0.44	0.05	-0.03	-0.07	0.84058	0.97628	0.02	-0.02	0.03	-0.19	0.27	0.17	0.17	-0.21	-0.21					
HILICneg_534.2494_1.39	HILIC	neg	1.39	534.2494				4	534.2494	0.00002	0.00756	0.93	0.66	1.11	1.30	0.92	0.66	0.22364	0.74032	0.44	0.18	0.35	0.37	0.56	0.73	0.10	0.10	0.10					
RPneg_534.25061_9.27	RP	neg	9.27	534.2506				4	534.2506	0.00004	0.01030	0.91	0.64	1.19	1.20	0.96	0.76	0.29179	0.79623	0.36	0.20	0.24	0.34	0.59	0.56	0.10	0.10	0.10					
RPpos_534.2639_11	RP	pos	11	534.2639				4	534.2639	0.34782	0.66845	0.14	-0.77	0.86	0.48	0.07	1.34	0.42062	0.86860	-0.27	-0.23	-0.26	0.05	-0.20	-0.20	-0.46	-0.46	-0.46					
RPpos_534.2755_9.17	RP	pos	9.17	534.2755	adduct of chenodeoxycholic acid glycine conjugate			4	534.2755	0.00038	0.03580	0.77	0.09	1.03	0.89	1.14	0.82	0.00000	0.00017	0.36	-0.22	0.55	0.72	0.36	0.34	0.34	0.34	-0.33	-0.33				
RPneg_534.28369_9.789	RP	neg	9.789	534.2837				4	534.2837	0.17574	0.52100	-0.32	-0.34	-0.24	-0.16	-0.21	-0.50	0.33831	0.82464	0.61	0.60	0.42	0.60	0.55	0.59	0.37	0.37	0.37					
HILICpos_534.2943_1.27	HILIC	pos	1.27	534.2943				4	534.2943	0.09683	0.42689	-0.43	0.16	-0.08	-0.24	-0.05	-0.11	0.14755	0.65073	-0.12	-0.02	-0.44	-0.33	0.03	-0.19	-0.41	-0.41	-0.41					
RPpos_534.2944_10.3	RP	pos	10.3	534.2944				4	534.2944	0.00094	0.32333	-0.40	0.07	-0.05	-0.15	-0.21	-0.31	0.24511	0.75894	-0.16	-0.18	-0.23	-0.31	0.15	-0.03	-0.64	-0.64	-0.64					
RPpos_534.2956_10.43	RP	pos	10.43	534.2956				4	534.2956	0.12205	0.45740	-0.34	0.22	-0.55	0.28	-0.33	0.27	0.44786	0.88099	0.31	-0.17	0.32	0.52	0.62	0.48	0.45	0.08	0.08					
HILICneg_534.2963_1.14	HILIC	pos	1.14	534.2963				4	534.2963	0.03362	0.23184	-0.34	0.28	0.05	-0.28	-0.22	-0.35	0.33899	0.75656	0.00	0.01	0.06	0.03	0.16	0.08	0.31	0.31	0.31					
RPpos_534.3101_8.19	RP	pos	8.19	534.3101				4	534.3101	0.54789	0.80287	0.20	0.00	0.45	0.16	0.26	1.22	0.40085	0.85821	-0.21	-0.26	-0.12	-0.13	-0.37	-0.33	-0.14	-0.14	-0.14					
HILICneg_534.3117_1.7	HILIC	pos	1.7	534.3117				4	534.3117	0.38474	0.69734	0.20	-0.08	0.54	0.22	0.54	0.48	0.62030	0.93310	-0.16	-0.21	-0.13	-0.19	0.03	-0.28	-0.30	-0.30	-0.30					
HILICpos_534.312_0.43	HILIC	pos	0.43	534.3120				4	534.3120	0.80095	0.92319	0.01	0.00	0.30	0.21	0.10	0.61	0.72331	0.95590	-0.14	-0.22	-0.05	-0.17	0.04	-0.42	-0.18	-0.18	-0.18					
RPpos_534.3122_5.01	RP	pos	5.01	534.3122				4	534.3122	0.71186	0.88242	0.09	-0.14	0.45	0.14	0.41	0.63	0.54273	0.91492	-0.21	-0.34	-0.20	-0.10	-0.13	-0.12	-0.44	-0.44	-0.44					
RPpos_534.3157_10	RP	pos	10	534.3157				4	534.3157	0.01855	0.24816	-0.40	0.01	-0.05	-0.25	-0.33	-0.69	0.72822	0.95678	-0.04	-0.18	0.03	0.11	0.10	0.00	-0.16	-0.16	-0.16					
RPpos_534.3163_8.82	RP	pos	8.82	534.3163				4	534.3163	0.21186	0.55462	-0.27	-0.18	-0.11	-0.23	-0.14	-0.44	0.05628	0.46862	-0.06	-0.03	-0.09	-0.24	0.06	0.03	0.04	0.04	0.04					
RPpos_534.3177_9.52	RP	pos	9.52	534.3177				4	534.3177	0.99655	0.99872	0.09	0.20	0.23	0.16	0.31	0.06	0.92489	0.98905	-0.03	0.01	-0.11	0.05	0.07	0.02	-0.14	-0.14	-0.14					
RPpos_534.3474_5.59	RP	pos	5.59	534.3474				4	534.3474	0.99457	0.99819	-0.05	-0.08	0.59	0.21	0.17	0.25	0.37049	0.84063	-0.29	-0.21	-0.18	-0.05	-0.16	-0.50	-0.68	-0.68	-0.68					
HILICneg_534.3485_0.52	HILIC	pos	0.52	534.3485				4	534.3485	0.55983	0.80920	0.15	0.07	0.45	0.44	0.45	0.43	0.34582	0.82891	-0.31	-0.19	-0.19	-0.21	-0.12	-0.57	-0.55	-0.55	-0.55					
RPpos_534.3533_10.48	RP	pos	10.48	534.3533				4	534.3533	0.31590	0.64333	-0.22	0.15	-0.12	-0.11	0.17	-0.38	0.78845	0.96713	-0.02	-0.01	-0.09	0.06	0.21	0.22	-0.50	-0.50	-0.50					
RPpos_534.386_14.09	RP	pos	14.09	534.3860				4	534.3860	0.38003	0.69433	-0.11	0.22	-0.23	0.11	-0.12	0.56	0.02767	0.34840	-0.30	-0.36	-0.23	-0.08	-0.15	-0.43	-0.30	-0.30	-0.30					
HILICneg_534.3985_0.92	HILIC	neg	0.92	534.3985				4	534.3985	0.23557	0.57501	-0.28	-0.36	-0.26	-0.14	-0.28	-0.17	0.25755	0.77283	-0.29	-0.34	-0.25	-0.21	-0.16	-0.30	0.02	0.02	0.02					
HILICneg_534.4047_0.53	HILIC	neg	0.53	534.4047				4	534.4047	0.41144	0.66565	0.34	-0.23	0.74	0.74	0.33	0.12	0.94898	0.99197	-0.04	-0.05	0.10	-0.14	-0.14	-0.20	0.21	0.21	0.21					
RPpos_535.10529_11.194	RP	pos	11.194	535.1053				4	535.1053	0.85480	0.94564	0.06	0.12	0.58	0.57	-0.76	-0.47	0.63027	0.93537	-0.11	-0.13	-0.28	-0.37	-0.12	0.08	0.10	0.10	0.10					
HILICneg_535.1527_2.57	HILIC	neg	2.57	535.1527				4	535.1527	0.05438	0.35528	-0.34	-0.17	-0.15	-0.32	-0.43	0.25	0.58562	0.92503	-0.31	0.09	0.28	-0.52	-0.50	-0.53	0.32	0.32	0.32					
HILICneg_535.1998_0.49	HILIC	neg	0.49	535.1998				4	535.1998	0.19270	0.53805	0.38	-0.24	0.54	0.35	1.05	-0.41	0.00042	0.03281	2.18	0.31	2.24	3.48	2.57	1.88	0.45	0.45	0.45					
RPneg_535.21124_6.228	RP	neg	6.228	535.2112				4	535.2112	0.10243	0.43521	-0.25	-0.13	0.23	-0.20	-0.39	0.31	0.72831	0.95686	-0.22	-0.41	-0.21	-0.32	0.06	0.50	-0.39	-0.39	-0.39					
HILICneg_535.2133_0.44	HILIC	pos	0.44	535.2133				4	535.2133	0.72190	0.88633	-0.05	-0.02	0.68	-0.06	0.38	0.10	0.14844	0.65219	0.19	0.52	0.27	0.10	0.62	-0.19	-0.41	-0.41	-0.41					
RPpos_535.2137_5.97	RP	pos	5.97	535.2137				4	535.2137	0.80952	0.92703	-0.05	0.03	0.67	-0.15	0.63	0.49	0.32656	0.81898	-0.02	0.42	0.25	-0.18	0.16	-0.30	-0.24	-0.24	-0.24					
RPneg_535.21594_6.054	RP	neg	6.054	535.2159				4	535.2159	0.75082	0.90077	-0.01	-0.01	0.52	0.06	-0.13	-0.14	0.87656	0.98219	0.05	0.18	1.29	-0.26	-0.16	-0.03	-0.07	-0.09	-0.09					
RPpos_535.222_9.99	RP	pos	9.99	535.2220				4	535.2220	0.69235	0.87634	0.07	0.14	0.18	0.08	0.23	0.03	0.94286	0.99197	0.09	0.01	0.10	0.04	0.13	0.09	0.14	0.14	0.14					
HILICpos_535.2249_5.7	HILIC	pos	5.7	535.2249				4	535.2249	0.89641	0.96218	-0.01	0.04	-0.05	0.07	0.06	-0.06	0.88451	0.98281	-0.03	-0.07	0.00	0.05	-0.07	-0.07	-0.10	-0.10	-0.10					
RPpos_535.26_9.17	RP	pos	9.17	535.2600	adduct of chenodeoxycholic acid glycine conjugate			4	535.2600	0.00016	0.02394	0.70	0.05	1.09	0.76	0.99	0.88	0.00001	0.00215	0.42	-0.22	0.68	0.78	0.36	0.43	-0.41	-0.41	-0.41					
RPpos_535.2603_9.31	RP	pos	9.31	535.2603				4	535.2603	0.00017	0.02513	0.54	0.06	0.80	0.56	0.78	1.00	0.21801	0.73497	0.49	-0.27	0.65	0.82	0.56	0.69	-0.44	-0.44	-0.44					
RPpos_535.2877_8.71	RP	pos	8.71	535.2877				4																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)															IV-Alcohol clamp (IV-AC)																			
									Area Under the Curve (AUC)			Baseline			IV-Ghrelin or Placebo					BrAC=0				Area Under the Curve (AUC)			Baseline			Post-LD	IV-Ghrelin or Placebo					IV-AC				Post-AC			
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
RPpos_542.3165_5.97	RP	pos	5.97	542.3165			4		0.43734	0.73514	0.17	0.27	0.63	0.44	0.21	0.35		0.71123	0.95299	0.13	0.26	0.89	-0.47	0.75	-0.28	-0.58																	
HILICpos_542.3173_0.85	HILIC	pos	0.85	542.3173			4		0.21155	0.55434	-0.02	-0.05	0.38	-0.12	0.28	-0.08		0.32579	0.81856	0.11	0.08	0.18	0.17	0.19	0.19	-0.02	-0.15																
RPpos_542.3181_10.49	RP	pos	10.49	542.3181			4		0.92188	0.97180	-0.07	-0.41	0.65	0.29	0.01	0.04		0.31735	0.81359	-0.19	-0.23	0.05	-0.09	-0.08	-0.04	-0.43																	
RPpos_542.3217_11.08	RP	pos	11.08	542.3217			4		0.90371	0.96453	-0.05	-0.28	-0.02	-0.05	0.60	-0.44		0.84586	0.97710	-0.02	-0.31	0.19	0.01	-0.27	0.07	-0.19																	
RPpos_542.322_11.52	RP	pos	11.52	542.3220			4		0.03202	0.20964	-0.32	-0.06	-0.23	-0.22	-0.03	-0.37		0.87844	0.96240	0.01	-0.17	0.18	0.10	-0.22	0.17	-0.09																	
RPpos_542.3223_10.25	RP	pos	10.25	542.3223			4		0.03739	0.31416	-0.21	-0.24	-0.16	-0.16	-0.08	-0.39		0.47410	0.89377	0.10	0.13	0.18	0.13	0.18	0.18	0.18																	
HILICpos_542.3224_10.12	HILIC	pos	10.12	542.3224			4		0.01137	0.20565	-0.43	-0.16	-0.12	-0.21	-0.23	-0.72		0.41916	0.86713	0.15	0.09	0.22	0.12	0.22	0.17	-0.10																	
HILICpos_542.3224_1.2	HILIC	pos	1.2	542.3224			4		0.16728	0.51243	-0.25	-0.05	-0.02	-0.15	-0.04	-0.33		0.95279	0.99379	0.03	0.05	0.14	0.00	0.08	0.13	-0.09																	
HILICpos_542.3227_1.1	HILIC	pos	1.1	542.3227			4		0.03133	0.29782	-0.29	0.03	-0.02	-0.13	-0.09	-0.44		0.68991	0.94980	0.13	0.03	0.18	0.25	0.23	0.12	-0.09																	
RPpos_542.3248_9.83	RP	pos	9.83	542.3248			4		0.21783	0.55959	-0.21	-0.03	-0.04	-0.11	-0.02	-0.34		0.97051	0.99673	0.02	0.06	0.06	0.08	0.09	0.09	-0.13																	
RPneg_542.33698_10.832	RP	neg	10.832	542.3370			4		0.01806	0.24514	-0.56	-0.06	-0.31	-0.28	-0.59	-0.31		0.10035	0.57208	-0.21	0.21	-0.13	-0.09	-0.27	-0.03	-0.40																	
HILICpos_542.3892_0.4	HILIC	pos	0.4	542.3892			4		0.71398	0.88348	-0.08	0.47	0.20	-0.16	0.22	-0.01		0.53365	0.91313	-0.08	-0.11	0.03	-0.01	0.02	-0.59	0.25																	
RPpos_542.6534_10.49	RP	pos	10.49	542.6534			4		0.81194	0.92813	-0.07	-0.06	0.62	-0.04	-0.02	0.51		0.44258	0.87946	-0.20	-0.20	0.02	-0.12	-0.03	-0.54	-0.30																	
HILICpos_542.7303_2.97	HILIC	pos	2.97	542.7303			4		0.15937	0.50296	-0.43	-0.05	0.56	-0.17	-0.26	0.99		0.65574	0.94036	-0.15	-0.15	0.25	1.02	0.14	-0.08	-0.37																	
RPpos_542.9866_10.49	RP	pos	10.49	542.9866			4		0.99883	0.99953	-0.05	-0.03	0.67	-0.13	0.03	0.89		0.77593	0.96495	-0.10	-0.14	0.00	0.07	0.25	-0.32	-0.50																	
HILICneg_543.0156_5.41	HILIC	neg	5.41	543.0156			4		0.23852	0.58012	0.34	0.55	0.50	0.26	0.38	0.72		0.12021	0.60729	0.08	-0.23	-0.03	0.28	0.23	0.24	-0.56																	
RPneg_543.13641_8.094	RP	neg	8.094	543.1364			4		0.09905	0.31824	0.28	0.11	0.28	0.37	0.57	0.36		0.01486	0.25972	0.11	-0.03	0.00	-0.06	0.26	0.33	0.00																	
RPneg_543.1535_10.848	RP	neg	10.848	543.1535			4		0.15979	0.50328	0.24	0.02	0.11	0.01	0.98	0.03		0.36989	0.84060	0.24	0.26	0.42	0.13	0.43	0.31	0.12																	
RPneg_543.15802_7.503	RP	neg	7.503	543.1580			4		0.02003	0.25736	0.54	0.01	0.62	0.20	-0.01	0.60		0.00306	0.03028	0.45	-0.13	0.12	0.40	0.67	0.87	0.23																	
HILICneg_543.1685_6.99	HILIC	neg	6.99	543.1685			4		0.77351	0.91078	-0.10	0.31	0.48	-0.03	-0.05	-0.61		0.05416	0.46107	0.21	0.55	0.43	0.60	0.03	0.05	-0.24																	
RPpos_543.2151_6.48	RP	pos	6.48	543.2151			4		0.03150	0.29799	-0.38	-0.04	0.24	-0.31	-0.58	0.34		0.20661	0.72331	0.34	0.15	0.25	-0.23	0.66	0.61	-0.09																	
HILICpos_543.2792_4.86	HILIC	pos	4.86	543.2792			4		0.45331	0.74626	0.19	0.08	0.44	0.19	0.21	0.68		0.38105	0.84769	-0.19	0.00	-0.40	-0.30	0.02	0.19	-0.16																	
RPpos_543.2794_7.18	RP	pos	7.18	543.2794			4		0.67469	0.86434	0.19	0.01	0.09	0.30	0.79	0.24		0.45504	0.88402	0.43	-0.05	0.06	0.19	0.51	0.85	0.29																	
RPneg_543.28046_6.753	RP	neg	6.753	543.2805			4		0.94941	0.98123	0.04	-0.06	-0.10	0.05	0.57	0.24		0.66336	0.94292	0.10	-0.10	-0.01	-0.04	0.15	0.27	0.16																	
HILICneg_543.3183_0.38	HILIC	neg	0.38	543.3183			4		0.74745	0.89947	0.15	0.29	0.25	0.08	0.61	-0.16		0.96032	0.99553	0.00	0.00	0.22	0.04	-0.24	-0.24	0.26																	
RPpos_543.3365_6.43	RP	pos	6.43	543.3365			4		0.81912	0.93123	-0.07	0.31	0.27	0.37	-0.09	0.49		0.70630	0.95248	-0.17	-0.07	0.02	0.05	0.08	0.94	-0.32																	
RPpos_543.3447_10.87	RP	pos	10.87	543.3447			4		0.02921	0.29029	-0.41	0.04	-0.10	-0.30	-0.25	-0.39		0.39935	0.85782	0.00	0.02	0.00	-0.07	0.11	0.01	-0.11																	
RPpos_543.3448_10.76	RP	pos	10.76	543.3448			4		0.00922	0.18800	-0.38	-0.03	-0.20	-0.38	-0.20	-0.44		0.50799	0.90389	0.14	0.27	0.12	0.15	0.40	-0.03	-0.14																	
RPpos_543.3746_14.09	RP	pos	14.09	543.3746			4		0.61467	0.83582	0.05	0.77	0.02	0.64	-0.28	-0.05		0.03628	0.38855	-0.53	-0.41	-0.32	0.62	-0.47	-0.57	-0.31																	
RPpos_543.4434_15.4	RP	pos	15.4	543.4434			4		0.79872	0.92222	-0.03	0.53	-0.34	0.61	-0.25	0.30		0.03701	0.39245	-0.32	-0.44	-0.10	-0.03	0.55	-0.26	-0.27																	
RPneg_544.1062_7.43	RP	neg	7.43	544.1062			4		0.82075	0.93200	0.02	0.04	0.12	0.11	0.37	0.05		0.05348	0.45841	0.07	-0.02	-0.02	0.06	0.21	0.17	-0.04																	
RPneg_544.25787_8.023	RP	neg	8.023	544.2579			4		0.73147	0.89098	0.10	-0.21	0.22	0.20	0.21	-0.07		0.12741	0.61879	-0.25	-0.03	0.26	0.31	0.34	0.26	0.04																	
HILICneg_544.2645_2.05	HILIC	neg	2.05	544.2645			4		0.31780	0.64483	-0.10	-0.14	0.28	0.15	-0.11	-0.15		0.97238	0.99673	-0.02	-0.14	-0.05	0.01	0.34	-0.02	-0.26																	
RPneg_544.26471_10.276	RP	neg	10.276	544.2647			4		0.64906	0.85156	0.09	0.02	0.61	0.32	0.16	0.25		0.67500	0.94679	-0.15	-0.41	-0.27	0.05	-0.07	-0.07	-0.26																	
RPneg_544.26526_10.143	RP	neg	10.143	544.2653			4		0.49561	0.77379	-0.19	-0.21	0.48	0.07	-0.02	0.11		0.97829	0.99726	-0.01	-0.19	-0.16	0.11	0.31	0.01	-0.23																	
RPpos_544.2961_6.08	RP	pos	6.08	544.2961			4		0.01414	0.22520	-0.65	-0.26	-0.62	-0.06	-0.42	-0.43		0.18732	0.70226	-0.06	-0.37	-0.16	0.25	-0.22	0.21	0.06																	
RPpos_544.3087_7.06	RP	pos	7.06	544.3087			4		no autoMSMS	0.00013	0.02071	1.18	0.16	0.95	1.22	2.21	0.54		0.00001	0.00290	0.71	-0.29	-0.22	0.27	1.38	1.54	1.72																
RPneg_544.31653_10.686	RP	neg	10.686	544.3165			4		0.01910	0.25172	-0.58	-0.12	-0.35	-0.53	-0.44	-0.19		0.37048	0.84063	-0.08	0.10	-0.07	-0.03	-0.04	-0.07	-0.25																	
RPneg_544.3175_10.62	RP	neg	10.62	544.3175			4		0.20972	0.55269	-0.29	0.08	0.22	-0.34	-0.32	-0.25		0.04524	0.42663	-0.45	-0.49	-0.55	-0.43	-0.31	-0.33	-0.30																	
RPpos_544.3372_11.52	RP	pos	11.52	544.3372			4		0.01717	0.24115	-0.29	-0.05	-0.12	-0.02	0.01	-0.57		0.72587	0.95609	0.18	0.18	0.27	0.14	0.42	0.03	-0.08																	
RPpos_544.3372_10.55	RP	pos	10.55	544.3372			4		0.00297	0.11229	-0.56	-0.02	-0.18	-0.47	-0.46	-0.43		0.83062	0.97473	0.13	0.03	0.12	0.19	0.38	0.02	0.04																	
HILICpos_544.3376_1.17	HILIC	pos	1.17	544.3376			4		0.02013	0.25757	-0.36	0.11	-0.01	-0.16	-0.09	-0.59		0.81682	0.97222	0.19	0.21	0.09	0.18	0.29	0.25	-0.03																	
HILICpos_544.3381_1.05	HILIC	pos	1.05	544.3381			4		0.00289	0.11067	-0.29	0.03	0.03																														

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																	
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo				IV-Ghrelin or Placebo				Area Under the Curve (AUC)						IV-Ghrelin or Placebo				IV-Ghrelin or Placebo			
									Baseline			IV-ASA			BrAC=0		Baseline		Post-LD		IV-AC		BrAC=0		Baseline		IV-AC		BrAC=0							
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d						
RPpos_547.1606_9.07	RP	pos	9.07				4		0.71593	0.88437	-0.10	0.16	-0.24	-0.17	0.02	0.62	0.45974	0.88511	-0.11	-0.07	-0.07	-0.17	0.03	-0.18	-0.25											
RPneg_547.18005_11.194	RP	neg	11.194	547.1801			4		0.05498	0.35643	0.80	-0.21	0.63	1.13	1.78	-0.32	0.72545	0.95609	-0.07	-0.23	0.33	-0.31	-0.03	-0.19	0.04											
HILICneg_547.2009_0.47	HILIC	neg	0.47	547.2009			4		0.01285	0.21615	0.75	0.68	0.46	0.82	1.46	-0.22	0.39959	0.85796	-0.12	-0.29	-0.48	-0.21	0.31	0.35	-0.27											
RPneg_547.22186_6.893	RP	neg	6.893	547.2219			4		0.08254	0.40756	-0.15	0.12	-0.01	-0.15	-0.08	-0.33	0.75118	0.96189	0.12	0.12	0.07	0.10	0.12	0.25	0.01											
RPneg_547.22345_9.174	RP	neg	9.174	547.2235			4		0.00873	0.05357	0.85	0.12	1.29	0.89	1.06	0.87	0.00011	0.00162	-0.45	-0.24	0.63	0.24	0.49	0.50	-0.43											
RPneg_547.23187_13.187	RP	neg	13.187	547.2319			4		0.46695	0.77425	-0.20	0.37	-0.39	-0.11	0.31	-0.07	0.15094	0.65549	-0.29	-0.30	-0.21	-0.30	-0.42	0.12	-0.06											
RPpos_547.3038_8.75	RP	pos	8.75	547.3038			4		0.06108	0.36821	0.20	0.12	0.36	0.32	0.15	0.03	0.44237	0.87946	0.08	-0.19	0.00	0.05	0.28	0.14	0.04											
RPpos_547.304_8.58	RP	pos	8.58	547.3040			4		0.89568	0.96214	0.37	-0.10	0.37	0.55	1.11	-0.01	0.45250	0.88300	0.18	0.33	0.16	-0.02	0.12	0.11	0.24											
HILICpos_547.3051_2.94	HILIC	pos	2.94	547.3051			4		0.02054	0.25924	0.64	0.28	1.05	0.68	1.31	-0.13	0.12425	0.61460	0.09	-0.02	-0.02	0.21	0.19	0.09	0.01											
RPpos_547.3179_10.18	RP	pos	10.18	547.3179			4		0.76300	0.90638	0.05	0.09	0.77	0.18	0.00	0.82	0.29350	0.79704	-0.16	-0.17	-0.08	-0.17	-0.02	-0.31	-0.25											
HILICpos_547.3184_0.44	HILIC	pos	0.44	547.3184			4		0.81928	0.93123	-0.06	-0.01	0.54	0.06	-0.06	0.59	0.25995	0.77424	-0.21	-0.18	-0.14	-0.25	0.02	-0.32	-0.37											
RPpos_547.3329_6.98	RP	pos	6.98	547.3329			4		0.57204	0.81512	-0.16	-0.30	0.45	-0.08	-0.25	0.39	0.85453	0.97834	0.02	0.08	0.12	0.25	0.04	-0.59	-0.14											
HILICpos_547.3464_0.53	HILIC	pos	0.53	547.3464			4		0.34490	0.66623	-0.28	-0.30	1.01	-0.36	-0.36	0.45	0.44091	0.87936	-0.25	-0.14	-0.15	-0.25	-0.02	-0.20	-0.39											
RPpos_547.3486_7.8	RP	pos	7.8	547.3486			4		0.66953	0.86207	-0.16	-0.11	0.86	-0.04	-0.28	1.02	0.69714	0.95104	-0.02	-0.01	0.21	0.14	0.18	0.16	-0.38											
RPpos_547.3852_14.73	RP	pos	14.73	547.3852			4		0.63711	0.84668	0.03	0.61	0.02	0.34	0.01	0.06	0.10280	0.57743	-0.29	-0.31	-0.12	0.14	-0.22	-0.30	-0.31											
HILICneg_547.4374_0.39	HILIC	neg	0.39	547.4374			4		0.01485	0.22926	0.58	0.27	0.36	0.37	1.55	0.24	0.52112	0.90888	-0.18	-0.12	-0.21	-0.18	-0.18	-0.08	-0.18											
RPpos_547.4723_13.53	RP	pos	13.53	547.4723			4		0.51136	0.78316	0.27	0.30	0.55	0.24	0.73	-0.33	0.05179	0.45366	-0.26	-0.42	-0.35	-0.16	-0.36	-0.05	-0.41											
RPpos_547.64_11	RP	pos	11	547.6400			4		0.83603	0.93846	0.01	-0.38	0.82	0.06	0.06	0.55	0.48400	0.89667	-0.22	-0.29	0.17	-0.22	-0.48	-0.36	0.03											
RPpos_547.9719_10.99	RP	pos	10.99	547.9719			4		0.84755	0.54294	0.01	-0.25	0.93	0.35	-0.28	0.49	0.41416	0.86469	-0.25	-0.23	-0.02	-0.16	-0.06	-0.34	-0.10											
RPneg_548.23035_9.174	RP	neg	9.174	548.2304			4		0.00100	0.06441	0.86	-0.12	1.24	0.94	1.30	1.16	0.00000	0.00057	0.45	-0.24	0.65	0.87	0.41	0.38	-0.44											
RPneg_548.23071_8.191	RP	neg	8.191	548.2307			4		0.03262	0.30192	0.36	0.04	1.05	0.36	0.54	0.36	0.35375	0.83300	0.14	-0.18	0.25	0.26	0.21	0.15	-0.32											
RPneg_548.23151_9.323	RP	neg	9.323	548.2315			4		0.00050	0.04175	0.58	0.12	0.72	0.63	0.88	1.23	0.17989	0.69487	0.65	-0.28	0.86	0.96	0.76	0.93	-0.42											
RPneg_548.29724_10.767	RP	neg	10.767	548.2972			4		0.08350	0.40892	-0.33	0.09	-0.15	-0.30	-0.03	-0.39	0.04266	0.41676	-0.21	-0.06	-0.22	-0.08	-0.11	-0.33	-0.43											
RPneg_548.29767_10.871	RP	neg	10.871	548.2977			4		0.17876	0.52425	-0.36	-0.19	-0.01	-0.14	-0.08	-0.14	0.32623	0.81885	-0.18	-0.23	-0.07	-0.12	-0.16	-0.08	-0.78											
RPpos_548.3058_10.99	RP	pos	10.99	548.3058			4		0.94970	0.98123	-0.04	-0.59	1.02	0.22	-0.22	0.63	0.45733	0.88446	-0.04	-0.21	-0.08	-0.29	-0.20	-0.42	-0.09											
RPpos_548.3114_9.74	RP	pos	9.74	548.3114			4		0.59422	0.82615	0.15	-0.14	0.84	0.34	0.31	0.07	0.62725	0.93462	-0.18	-0.48	-0.07	-0.23	0.21	-0.21	-0.42											
RPpos_548.327_5.4	RP	pos	5.4	548.3270			4		0.28408	0.61773	-0.26	0.48	-0.10	0.04	-0.21	-0.18	0.09046	0.55404	-0.42	-0.34	-0.32	-0.89	-0.68	0.23	-0.35											
RPpos_548.3458_6.56	RP	pos	6.56	548.3458		no autoMSMS	4		0.30678	0.63538	0.16	0.26	0.41	0.19	0.14	0.61	0.00000	0.00000	-0.05	-0.17	-0.09	-0.18	0.04	0.15	-0.07											
RPpos_548.3462_7.01	RP	pos	7.01	548.3462			4		0.25550	0.59376	-0.33	-0.18	0.83	-0.31	-0.40	0.18	0.43550	0.87634	-0.31	-0.21	-0.07	-0.24	0.04	-0.52	-0.43											
HILICpos_548.3466_0.67	HILIC	pos	0.67	548.3466			4		0.52481	0.79035	0.09	0.26	0.45	0.09	0.13	0.72	0.41405	0.86469	-0.02	-0.22	0.05	0.09	0.15	-0.02	-0.35											
HILICpos_548.3469_0.48	HILIC	pos	0.48	548.3469			4		0.22728	0.56902	-0.34	-0.26	0.85	-0.35	-0.38	0.14	0.48585	0.89761	-0.28	-0.23	0.04	-0.22	-0.01	-0.50	-0.43											
RPpos_548.3641_6.09	RP	pos	6.09	548.3641			4		0.76657	0.90851	-0.12	-0.24	0.53	-0.05	-0.12	0.42	0.33581	0.82340	-0.31	-0.15	-0.11	-0.15	-0.19	-0.65	-0.59											
RPpos_548.3716_10.57	RP	pos	10.57	548.3716			4		0.00485	0.13839	-0.50	-0.15	-0.34	-0.36	-0.08	-0.47	0.52181	0.90888	-0.01	0.01	0.03	0.06	0.11	-0.04	-0.18											
HILICpos_548.3716_1.17	HILIC	pos	1.17	548.3716			4		0.02205	0.26503	-0.47	-0.11	0.01	-0.26	-0.25	-0.30	0.51145	0.90558	0.44	-0.16	0.76	0.69	-0.05	0.26	0.23											
RPpos_548.4656_11.95	RP	pos	11.95	548.4656			4		0.17093	0.51604	0.08	0.15	0.19	0.21	0.27	0.25	0.77139	0.96458	0.07	0.30	-0.10	0.16	0.26	-0.02	-0.06											
RPpos_548.4689_11.84	RP	pos	11.84	548.4689			4		0.19268	0.53804	0.09	0.17	0.14	0.21	0.24	0.13	0.75895	0.96233	0.09	0.09	-0.03	-0.04	0.50	0.07	-0.11											
HILICneg_548.4689_3.06	HILIC	neg	3.06	548.4689			4		0.28828	0.62173	-0.33	0.08	0.43	-0.15	-0.23	1.54	0.63827	0.93638	-0.16	-0.27	0.06	0.99	0.13	-0.01	-0.39											
RPpos_548.8129_10.55	RP	pos	10.55	548.8129			4		0.00748	0.16959	-0.40	-0.04	-0.12	-0.34	-0.17	-0.36	0.57581	0.92304	0.17	0.23	0.21	0.16	0.14	0.24	-0.05											
HILICpos_548.8485_0.73	HILIC	pos	0.73	548.8485			4		0.29694	0.62784	0.16	0.31	0.40	0.09	0.29	0.63	0.01774	0.28477	-0.03	-0.15	-0.01	-0.16	0.02	0.13	-0.05											
RPneg_549.1386_9.076	RP	neg	9.076	549.1386			4		0.12014	0.45565	-0.19	0.09	-0.21	-0.13	-0.05	-0.07	0.44923	0.88146	0.09	0.61	0.12	-0.29	0.06	0.47	-0.35											
HILICpos_549.1555_3.87	HILIC	pos	3.87	549.1555			4		0.19602	0.54092	0.31	0.02	1.99	0.09	-0.01	-0.47	0.00030	0.02581	2.24	0.77	3.17	2.87	1.76	0.93	-0.03											
RPneg_549.1795_10.002	RP	neg	10.002	549.1795			4		0.81519	0.92958	0.09	0.14	0.20	0.08	0.25	0.07	0.99652	0.99953	0.10	0.03	0.09	0.05	0.12	0.15	0.12											
HILICneg_549.2163_0.48	HILIC	neg	0.48	549.2163			4		2.73E-07	0.00044	2.42	0.39	3.39	2.27	3.73	-0.34	0.00000	0.00019	1.34	-0.48	1.22	1.76	1.83	2.24	-0.59											
HILICneg_549.2663_0.44	HILIC	neg	0.44	549.2663			4		0.83597	0.93842	0.04	0.52	0.15	-0.04	0.20	0.27	0.12066	0.60803	-0.36	-0.43	-0.36	-0.15	-0.32	-0.26	-0.41											
RPpos_549.2895_11	RP	pos	11	549.2895			4		0.30827	0.63689	0.14	-0.27	1.28	0.31	-0.04	0.02	0.09112	0.55604	-0.33	-0.12	-0.25	-0.45	-0.13	-0.41	-0.39											
RPneg_549.34424_11.062	RP	neg	11.062	549.3442			4		0.13647	0.47649	-0.37	-0.32	-0.27	-0.36	-0.27	-0.32	0.02884	0.35422	0.99	1.18	1.19	0.74	0.85	1.38	-0.39											
RPpos_549.4510_11.52	RP	pos	11.52	549.4510			4		0.22376	0.56631	0.16	-0.11	-0.01	0.39	0.55	0.34	0.90870	0.98689	0.05	0.22	0.14	0.11	0.03	-0.21	-0.18											
HILICneg_549.4537_0.39	HILIC	neg	0.39	549.4537			4		0.02259	0.26714	0.87	0.57	0.49	0.90	1.58	0.40	0.95405	0.99401	-0.01	0.17	-0.09	0.09	0.00	0.01	-0.01											
RPpos_549.487_14.21	RP	pos	14.21	549.4870			4		0.53743	0.79728</																										

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAc=0		Baseline		IV-Ghrelin		Placebo		Baseline		Post-LD		IV-Ghrelin		IV-AC		Post-AC		BrAc=0	
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	d	d	p	q	d	d
RPpos_552.2593_9.87	RP	pos	9.87	552.2593			4		0.10651	0.43981	-0.38	-0.05	-0.21	-0.19	-0.30	-0.13	0.19816	0.71402	-0.38	-0.38	-0.57	-0.46	-0.37	-0.47	-0.47	-0.17						
RPpos_552.2661_11.18	RP	pos	11.18	552.2661			4		0.19398	0.53950	0.37	0.13	0.21	0.38	0.90	-0.29	0.87561	0.98217	0.02	-0.61	0.27	0.16	-0.12	0.30	0.30	-0.02						
RPneg_552.28693_9.978	RP	neg	9.978	552.2869			4		0.08478	0.41065	-0.42	-0.20	-0.22	-0.16	-0.12	-0.20	0.12959	0.62286	0.54	1.07	0.21	0.14	0.63	0.93	0.00	0.00						
RPneg_552.3064_10.232	RP	neg	10.232	552.3064			4		0.00943	0.18925	-0.45	-0.25	-0.43	-0.40	-0.10	-0.29	0.18698	0.70221	-0.05	-0.03	0.08	-0.10	0.13	-0.17	-0.08	-0.08						
RPpos_552.3157_10.76	RP	pos	10.76	552.3157			4		0.72124	0.88631	0.02	-0.21	0.84	0.04	0.05	0.60	0.50464	0.63229	-0.20	-0.72	-0.05	-0.28	-0.14	-0.32	-0.29	-0.29						
RPneg_552.32906_10.198	RP	neg	10.198	552.3290			4		0.16256	0.50709	-0.39	0.14	-0.01	-0.27	-0.07	-0.21	0.97194	0.99671	0.11	0.19	0.15	0.03	0.43	0.22	0.09	0.09						
RPneg_552.33014_10.329	RP	neg	10.329	552.3301			4		0.15549	0.49814	-0.30	0.28	0.01	-0.31	-0.12	-0.14	0.73459	0.95858	0.47	0.73	0.45	0.23	0.20	0.66	0.34	0.34						
RPneg_552.36719_11.067	RP	neg	11.067	552.3672			4		0.03906	0.31824	-0.43	0.08	0.02	-0.45	-0.36	-0.43	0.87156	0.98105	0.21	0.10	0.51	0.12	0.24	0.16	-0.10	-0.10						
RPneg_552.36725_10.832	RP	neg	10.832	552.3673			4		0.01988	0.25642	-0.55	-0.07	-0.21	-0.44	-0.44	-0.37	0.92150	0.98867	0.18	0.25	0.23	0.11	0.26	0.07	-0.03	-0.03						
HILICneg_552.3679_1.07	HILIC	neg	1.07	552.3679			4		0.00069	0.05157	-0.63	-0.40	-0.25	-0.32	-0.66	-0.40	0.49166	0.89836	-0.05	1.09	-0.71	-0.27	0.22	0.15	0.00	0.00						
HILICneg_552.3679_1.33	HILIC	neg	1.33	552.3679			4		0.00351	0.12132	-0.60	-0.10	-0.27	-0.42	-0.67	-0.39	0.73820	0.95909	0.00	-0.21	-0.11	0.41	0.11	-0.04	-0.17	-0.17						
RPpos_552.4014_11.27	RP	pos	11.27	552.4014			4		0.05736	0.36110	-0.40	-0.12	-0.23	-0.42	-0.24	-0.57	0.86736	0.98025	0.01	0.15	0.06	-0.03	0.24	-0.10	-0.30	-0.30						
HILICpos_552.4021_1.12	HILIC	pos	1.12	552.4021			4		0.00282	0.10941	-0.59	-0.20	-0.33	-0.55	-0.38	-0.73	0.66788	0.94452	0.13	0.06	0.46	0.74	0.07	-0.25	-0.27	-0.27						
HILICpos_552.4329_0.37	HILIC	pos	0.37	552.4329			4		0.23717	0.57874	-0.26	0.37	-0.05	-0.34	0.15	-0.56	0.88389	0.98281	-0.07	-0.01	0.44	0.03	-0.20	-0.11	-0.31	-0.31						
RPpos_552.6494_10.76	RP	pos	10.76	552.6494			4		0.49566	0.77379	-0.18	-0.14	0.85	-0.34	-0.05	0.60	0.52220	0.90888	-0.19	-0.20	0.11	-0.28	-0.04	-0.52	-0.18	-0.18						
HILICneg_552.7629_3.06	HILIC	neg	3.06	552.7629			4		0.46060	0.75132	-0.24	0.03	0.46	-0.08	-0.20	0.86	0.87333	0.98156	-0.06	-0.12	0.38	1.07	-0.21	-0.03	-0.36	-0.36						
RPpos_552.9855_10.76	RP	pos	10.76	552.9855			4		0.98455	0.99408	-0.04	0.01	0.85	-0.05	-0.13	0.56	0.56832	0.92089	-0.16	-0.22	0.12	-0.14	0.30	-0.59	-0.43	-0.43						
RPpos_553.1934_9.99	RP	pos	9.99	553.1934			4		0.93503	0.97663	0.08	0.13	0.11	0.12	0.23	0.08	0.74198	0.95998	0.09	-0.02	0.13	0.05	0.16	0.09	0.08	0.08						
RPneg_553.2292_7.567	RP	neg	7.565	553.2299			4		0.07651	0.39745	0.44	0.37	0.43	0.67	0.87	0.11	0.62312	0.93343	-0.05	-0.12	0.05	-0.08	-0.08	-0.01	-0.08	-0.08						
RPpos_553.2454_9.887	RP	pos	9.887	553.2454			4		0.15963	0.50907	-0.29	0.18	0.02	-0.32	-0.14	-0.13	0.13392	0.61408	-0.43	-0.28	0.64	-0.44	0.42	-0.64	-0.14	-0.14						
RPpos_553.2841_5.4	RP	pos	5.4	553.2841			4		0.47037	0.75741	-0.17	0.44	0.00	0.15	-0.26	-0.05	0.27013	0.78219	-0.25	-0.45	-0.28	-0.40	-0.45	0.55	-0.33	-0.33						
RPneg_553.30048_8.622	RP	neg	8.622	553.3005			4		0.00031	0.03332	0.95	0.34	1.06	0.96	2.08	0.29	0.05198	0.45407	0.79	0.11	1.19	0.99	1.09	0.54	0.17	0.17						
RPpos_553.3137_10.55	RP	pos	10.55	553.3137			4		0.03552	0.30879	-0.27	-0.01	-0.02	-0.21	0.11	-0.33	0.45159	0.88266	0.21	0.37	0.21	0.06	0.16	0.28	0.11	0.11						
HILICneg_553.3646_0.4	HILIC	neg	0.4	553.3646			4		0.86688	0.95015	-0.01	0.48	-0.01	0.10	0.02	0.18	0.10306	0.57770	-0.46	-0.37	-0.19	-0.55	-0.44	-0.25	-0.51	-0.51						
HILICpos_553.3678_0.36	HILIC	pos	0.36	553.3678			4		0.49278	0.77286	-0.22	1.06	-0.41	1.07	-0.13	-0.66	0.10991	0.59132	-0.47	-0.48	-0.08	-0.17	-0.07	-0.12	-0.33	-0.33						
RPpos_553.3685_14.09	RP	pos	14.09	553.3685			4		0.46237	0.75264	-0.18	0.41	-0.30	0.45	0.04	-0.02	0.00688	0.17540	-0.32	-0.34	-0.12	0.37	-0.13	-0.75	-0.32	-0.32						
RPpos_553.3874_11.58	RP	pos	11.58	553.3874			4		0.71395	0.88348	-0.14	0.31	-0.17	0.11	0.27	-0.80	0.84713	0.97724	-0.04	0.79	-0.02	0.34	-0.36	-0.58	0.58	0.58						
RPpos_553.3908_11.18	RP	pos	11.18	553.3908			4		0.00143	0.07654	1.53	0.01	0.76	1.66	2.04	-0.12	0.75970	0.96233	0.07	-0.03	0.23	-0.05	0.03	0.19	-0.03	-0.03						
RPpos_554.0613_11.16	RP	pos	11.16	554.0613			4		0.00430	0.13280	-0.98	-0.21	-0.40	-1.15	-1.53	-0.17	0.57602	0.92304	0.22	0.52	-0.48	0.32	0.65	-0.11	0.15	0.15						
RPpos_554.29_10.22	RP	pos	10.22	554.2900			4		0.01137	0.20452	-0.44	-0.27	-0.23	-0.55	-0.02	-0.14	0.86565	0.98005	0.28	-0.01	0.73	0.26	0.84	-0.07	-0.20	-0.20						
RPpos_554.3011_10.76	RP	pos	10.76	554.3011			4		0.74572	0.89865	0.00	0.08	0.85	-0.21	0.33	1.30	0.26969	0.78175	-0.30	-0.08	-0.06	-0.52	-0.19	-0.22	-0.59	-0.59						
RPneg_554.30188_10.269	RP	neg	10.269	554.3019			4		0.05111	0.34797	-0.58	-0.28	-0.18	-0.05	-0.24	-0.17	0.67065	0.94557	0.10	0.53	0.11	0.10	0.06	0.23	-0.54	-0.54						
RPneg_554.3025_10.132	RP	neg	10.132	554.3026			4		0.00057	0.13952	-0.50	-0.14	-0.16	-0.21	-0.23	-0.87	0.37043	0.84063	-0.17	-0.16	0.12	0.12	0.37	0.19	-0.15	-0.15						
HILICneg_554.3032_1.16	HILIC	neg	1.16	554.3032			4		0.00809	0.17726	-0.75	-0.13	-0.30	-0.40	-0.82	-0.65	0.11202	0.59482	0.51	0.49	0.27	0.85	0.45	0.00	-0.19	-0.19						
RPneg_554.3139_9.771	RP	neg	9.771	554.3139			4		0.82329	0.93302	0.13	-0.15	0.54	0.33	0.14	-0.31	0.66619	0.94388	0.13	-0.53	0.29	0.16	0.14	0.62	-0.15	-0.15						
RPneg_554.34558_10.494	RP	neg	10.494	554.3456			4		0.04781	0.34122	-0.41	0.04	-0.14	-0.46	-0.30	-0.21	0.25433	0.76933	-0.25	-0.27	-0.16	-0.24	-0.13	-0.23	-0.23	-0.23						
RPneg_554.34589_10.618	RP	neg	10.618	554.3459			4		0.09557	0.36516	-0.44	-0.01	-0.32	-0.46	-0.26	-0.18	0.29855	0.80069	-0.21	-0.19	-0.22	-0.25	-0.12	0.05	-0.30	-0.30						
HILICneg_554.3459_1.29	HILIC	neg	1.29	554.3459			4		0.01915	0.25205	-0.51	0.06	-0.23	-0.45	-0.50	-0.17	0.37091	0.84099	-0.12	-0.08	-0.10	-0.07	0.04	-0.18	-0.19	-0.19						
RPneg_554.34674_10.558	RP	neg	10.558	554.3467			4		0.00848	0.18040	-0.78	-0.13	-0.34	-0.38	-0.49	-0.28	0.86814	0.98025	0.08	-0.03	0.28	0.05	0.04	0.20	-0.17	-0.17						
RPneg_554.38293_11.164	RP	neg	11.164	554.3829			4		0.00866	0.18262	-0.61	0.09	-0.21	-0.51	-1.05	-0.45	0.66974	0.94532	-0.01	0.05	-0.08	0.12	0.09	-0.07	-0.06	-0.06						
HILICpos_554.3914_1.27	HILIC	pos	1.27	554.3914			4		0.02234	0.26628	-0.54	0.06	0.00	-0.54	-0.55	0.17	0.34630	0.82929	-0.10	0.17	-0.30	-0.31	0.45	-0.29	-0.25	-0.25						
RPpos_554.4767_12.79	RP	pos	12.79	554.4767			4		0.50326	0.77822	0.29	-0.02	1.01	0.42	0.37	-0.24	0.76481	0.96333	0.03	-0.25	-0.09	0.17	0.34	0.08	-0.05	-0.05						
RPneg_554.47748_12.436	RP	neg	12.436	554.4775			4		0.18987	0.53612	-0.32	0.54	-0.26	-0.52	0.09	-0.68	0.07229	0.51276	-0.20	0.06	-0.05	-0.40	-0.28	-0.04	-0.34	-0.34						
RPpos_554.6348_10.76	RP	pos	10.76	554.6348			4		0.55006	0.80368	-0.17	0.05	0.74	-0.41	-0.10	0.42	0.86742	0.98025	-0.06	-0.32	0.39	-0.23	0.10	-0.16	-0.25	-0.25						
RPneg_555.10052_7.955	RP	neg	7.955	555.1005			4		0.26303	0.60018	-0.34	0.29	0.28	-0.03	0.65	-0.02	0.31108	0.80910	-0.12	-0.03	-0.15	0.55	-0.59	-0.20	-0.32	-0.32						
RPneg_555.10223_8.058	RP	neg	8.058	555.1022			4		0.21296	0.55552	-0.40	-0.11	0.16	-0.19	0.44	0.70	0.56963	0.92121	-0.18	-0.37	0.20	0.25	-0.27	-0.44	-0.37	-0.37						
HILICneg_555.1736_0.52	HILIC	neg	0.52	555.1736			4		0.03880	0.31745	1.17																					

												IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)														
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo								
									p	q	d	d	d	d	Baseline	IV-ASA	BrAC=0	Baseline	Post-LD	IV-ASA	BrAC=0	p	q	d	d	d	d	Baseline	Post-LD	IV-ASA	BrAC=0				
HILICneg_557.4568_0.38	HILIC	neg	0.38				4		0.11488	0.45035	0.26	0.30	0.20	0.30	0.78	0.11	0.61145	0.93043	-0.07	0.05	-0.04	-0.09	0.02	-0.05	-0.26										
RPneg_557.45697_12.276	RP	neg	12.276				4		0.41801	0.72193	0.03	0.16	0.22	0.05	0.18	0.34	0.73871	0.95923	-0.06	0.09	-0.23	0.05	0.23	-0.25	-0.07										
RPneg_557.45703_12.88	RP	neg	12.88				4		0.07113	0.38635	0.07	0.03	0.12	0.22	0.14	0.29	0.90136	0.98561	-0.06	0.05	-0.27	0.05	0.18	-0.05	-0.15										
RPneg_557.45709_12.753	RP	neg	12.753				4		0.59910	0.82804	0.00	0.06	0.11	0.27	0.02	0.05	0.89817	0.98519	0.02	0.17	-0.09	0.05	0.05	0.10	0.05										
RPneg_557.45728_12.18	RP	neg	12.18				4		0.87071	0.95148	-0.12	0.09	0.02	0.23	0.12	-0.10	0.36428	0.77648	-0.22	-0.02	-0.17	0.04	0.07	-0.19	-0.25										
RPneg_557.45737_12.397	RP	neg	12.397				4		0.33969	0.66217	0.09	0.17	0.37	0.15	0.20	0.34	0.47716	0.83337	-0.11	0.02	0.11	0.12	-0.21	-0.09	-0.10										
RPneg_557.45789_12.073	RP	neg	12.073				4		0.99633	0.99871	-0.09	-0.03	0.04	-0.02	0.16	0.40	0.89330	0.98435	-0.03	0.03	-0.12	-0.11	-0.15	0.29	-0.73										
RPpos_557.6351_11.21	RP	pos	11.21				4		0.32635	0.65171	-0.26	-0.36	0.59	-0.24	-0.37	0.48	0.82392	0.97343	-0.13	0.06	0.08	-0.27	0.26	-0.73	0.00										
RPpos_557.6625_10.49	RP	pos	10.49				4		0.73572	0.89335	-0.10	-0.23	0.52	-0.21	0.05	0.76	0.46349	0.88698	-0.17	-0.18	0.02	0.00	0.11	-0.66	-0.44										
RPpos_557.9714_11.21	RP	pos	11.21				4		0.82756	0.93480	-0.08	-0.57	0.72	-0.06	0.20	0.48	0.84497	0.97699	0.01	-0.09	0.17	0.08	0.42	-0.45	-0.11										
HILICneg_558.2363_1.92	HILIC	neg	1.92				4		0.17364	0.51908	-0.29	-0.12	0.29	0.32	-0.11	-0.14	0.23548	0.75310	0.57	0.14	0.35	0.46	1.31	0.39	-0.08										
HILICpos_558.2421_0.65	HILIC	pos	0.65				4		0.13078	0.46774	-0.26	0.09	0.28	-0.25	-0.36	0.28	0.15152	0.65718	0.46	0.26	0.26	0.01	0.71	0.58	-0.27										
RPneg_558.26709_9.861	RP	neg	9.861				4		0.97369	0.99026	-0.05	0.36	0.47	-0.10	-0.09	0.10	0.86851	0.98025	-0.05	0.21	0.06	-0.12	-0.11	-0.17	-0.04										
RPpos_558.292_8.41	RP	pos	8.41				4		0.65170	0.85315	0.02	0.15	0.13	0.08	0.09	-0.28	0.49852	0.90085	0.15	0.15	0.12	0.18	0.14	0.19	0.13										
HILICpos_558.2927_1.25	HILIC	pos	1.25				4		0.02585	0.27992	-0.58	-0.43	-0.11	-0.43	-0.46	0.03	0.23029	0.74705	0.47	0.67	0.02	0.44	0.89	0.19	-0.09										
RPpos_558.2948_10.12	RP	pos	10.12				4		0.01807	0.24514	-0.40	-0.23	-0.10	-0.18	-0.27	-0.61	0.44316	0.87946	0.15	0.06	0.25	0.12	0.23	0.20	-0.21										
HILICpos_558.2949_1.12	HILIC	pos	1.12				4		0.01318	0.20468	-0.38	-0.01	-0.16	-0.24	-0.17	-0.67	0.73103	0.95779	0.09	0.04	-0.11	0.11	0.43	0.07	0.04										
RPpos_558.3029_11.21	RP	pos	11.21				4		0.57931	0.81790	-0.16	-0.34	0.70	-0.24	-0.14	0.80	0.82617	0.97408	-0.12	-0.36	0.09	0.12	0.06	-0.40	-0.14										
HILICpos_558.3112_0.44	HILIC	pos	0.44				4		0.57463	0.81603	-0.12	0.13	0.57	0.01	0.29	0.33	0.17295	0.68576	0.19	0.66	0.34	0.07	0.66	-0.19	-0.28										
RPneg_558.33173_10.78	RP	neg	10.78				4		0.01656	0.23770	-0.44	0.09	-0.12	-0.36	-0.22	-0.52	0.34381	0.82783	0.01	-0.07	0.07	0.07	0.10	-0.01	-0.22										
HILICneg_558.3329_1.24	HILIC	neg	1.24				4		0.05912	0.36474	-0.46	-0.09	0.03	-0.24	-0.36	-0.38	0.66464	0.94320	-0.05	-0.11	-0.10	-0.08	0.11	-0.25	0.10										
RPneg_558.33356_10.893	RP	neg	10.893				4		0.01838	0.24729	-0.58	0.14	-0.12	-0.31	-0.81	-0.37	0.49318	0.89856	-0.01	0.06	-0.01	0.01	0.14	-0.04	-0.35										
HILICpos_558.3853_0.41	HILIC	pos	0.41				4		0.64379	0.84911	-0.03	0.26	0.41	0.03	0.12	0.00	0.70494	0.95242	-0.21	-0.06	0.11	-0.32	-0.06	-0.44	0.66										
RPpos_558.5088_14.02	RP	pos	14.02				4		0.72574	0.88831	0.16	0.20	0.71	0.56	0.47	-0.32	0.19391	0.70867	-0.17	-0.17	-0.14	-0.06	-0.16	-0.15	-0.41										
RPpos_558.5099_13.47	RP	pos	13.47				4		0.56499	0.81162	0.07	1.21	-0.12	0.75	-0.16	0.16	0.06694	0.49920	-0.31	-0.33	-0.08	0.63	-0.26	-0.32	-0.31										
RPpos_558.6472_10.49	RP	pos	10.49				4		0.36480	0.68237	0.08	-0.14	0.91	-0.20	0.25	0.68	0.44224	0.87945	-0.19	-0.14	0.08	-0.23	-0.15	-0.33	-0.44										
RPpos_558.932_11.2	RP	pos	11.2				4		0.66271	0.85876	0.11	-0.04	0.33	0.07	0.36	0.72	0.83881	0.97596	-0.09	-0.26	0.17	-0.02	0.27	-0.39	-0.62										
HILICneg_558.9882_5.41	HILIC	neg	5.41				4		0.36997	0.68609	0.27	0.49	0.44	0.09	0.42	0.63	0.09469	0.56315	0.13	-0.09	0.11	0.30	0.12	0.33	-0.37										
RPneg_559.12988_7.507	RP	neg	7.507				4		0.00911	0.18742	0.54	0.11	0.65	0.68	0.90	0.83	0.00630	0.16726	0.31	-0.11	0.08	0.17	0.85	0.48	-0.04										
HILICpos_559.1495_2.47	HILIC	pos	2.47				4		0.03426	0.30469	-0.38	-0.14	-0.18	-0.34	-0.46	0.08	0.43734	0.87685	-0.43	-0.04	0.17	-0.63	-0.61	-0.50	0.03										
RPpos_559.2679_11.2	RP	pos	11.2				4		0.17861	0.52425	0.27	-0.33	0.62	0.26	0.66	0.92	0.40536	0.86004	-0.21	-0.17	0.09	-0.49	0.45	-0.24	-0.70										
RPneg_559.29663_5.203	RP	neg	5.203				4		0.47500	0.76161	0.21	-0.07	0.79	0.06	0.51	0.28	0.98329	0.99758	0.01	-0.31	0.12	0.03	0.16	-0.01	-0.28										
RPpos_559.3479_10.19	RP	pos	10.19				4		0.94303	0.97921	0.04	0.29	0.25	0.03	0.31	-0.10	0.81918	0.97328	-0.12	0.06	0.15	0.25	0.04	-0.66	-0.34										
RPpos_559.4721_12.14	RP	pos	12.14				4		0.08154	0.40618	0.36	0.88	0.39	0.03	0.59	0.80	0.55949	0.91988	-0.12	-0.22	-0.07	-0.20	0.40	-0.20	-0.34										
RPneg_559.4729_10.916	RP	neg	10.916				4		0.00070	0.05215	1.70	-0.15	0.67	1.22	2.83	0.12	0.50684	0.90372	-0.21	-0.29	0.13	-0.40	-0.12	-0.29	-0.08										
HILICneg_560.2386_2.05	HILIC	neg	2.05				4		0.52346	0.78944	-0.17	-0.17	0.33	0.28	-0.09	-0.11	0.95135	0.99366	-0.01	-0.09	0.01	0.00	0.25	0.03	-0.36										
RPneg_560.29773_9.676	RP	neg	9.676				4		0.29853	0.62865	-0.24	0.01	-0.21	-0.30	0.02	0.12	0.45108	0.88230	0.60	0.56	0.55	0.37	0.93	0.78	0.44										
RPpos_560.3055_7.31	RP	pos	7.31			no autoMSMS	4		0.00139	0.07596	1.22	-0.11	1.09	1.63	2.63	0.16	0.00014	0.01563	1.64	0.00	0.30	1.11	2.13	2.61	2.26										
RPpos_560.3059_6.83	RP	pos	6.83				4		0.00782	0.17365	0.40	0.18	0.25	0.42	0.57	0.67	0.33819	0.82464	0.23	-0.03	-0.02	0.06	0.30	0.45	0.71										
HILICpos_560.3094_1.19	HILIC	pos	1.19				4		0.01488	0.22933	-0.42	0.04	-0.20	-0.33	-0.19	-0.53	0.32140	0.81567	0.31	0.33	0.35	0.23	0.27	0.34	0.33										
HILICpos_560.3094_1.08	HILIC	pos	1.08				4		0.01725	0.24148	-0.35	-0.04	-0.27	-0.20	0.02	-0.35	0.35335	0.83284	0.34	0.29	0.21	0.43	0.28	0.21	0.28										
RPpos_560.3108_10.55	RP	pos	10.55				4		0.00430	0.13280	-0.51	-0.14	-0.23	-0.37	-0.13	-0.43	0.59225	0.92666	0.32	0.29	0.44	0.33	0.29	0.09	-0.09										
RPneg_560.32996_10.895	RP	neg	10.895				4		0.02164	0.26377	-0.60	0.02	-0.06	-0.34	-0.99	-0.39	0.61626	0.93208	-0.06	0.17	-0.55	0.02	0.11	0.11	-0.05										
RPpos_560.3628_6.43	RP	pos	6.43				4		0.76923	0.90913	-0.08	0.33	0.29	0.29	-0.10	0.57	0.76382	0.96328	-0.13	-0.02	0.05	0.10	0.05	-1.07	-0.30										
RPpos_560.3643_6.87	RP	pos	6.87				4		0.56883	0.81337	-0.16	-0.33	0.43	-0.10	-0.23	0.37	0.92127	0.98863	0.00	0.09	0.14	0.20	-0.02	-0.74	-0.12										
RPpos_560.3646_0.46	RP	pos	0.46				4		0.54586	0.80124	-0.17	-0.23	0.39	-0.06	-0.21	0.35	0.92323	0.98898	0.00	0.06	0.16	0.18	0.00	-0.79	-0.12										
RPpos_560.3678_11.08	RP	pos	11.08				4		0.06311	0.37122	-0.34	-0.15	-0.17	-0.34	-0.10	-0.44	0.40790	0.86181	-0.04	-0.20	0.21	0.33	0.08	0.07	-0.14										
RPpos_560.4153_10.71	RP	pos	10.71				4		0.99932	0.99970	0.05	0.17	0.65	-0.04	0.34	-0.19	0.86216	0.97982	-0.17	0.07	0.24	-0.51	0.21	-0.57	0.30										
RPpos_560.4714_15.39	RP	pos	15.39				4		0.99513	0.99821	-0.07	0.61	-0.42	0.75	-0.07	-0.11	0.12630	0.61763	-0.34	-0.40	0.40	-0.08	0.39	-0.18	-0.29										
RPpos_560.8207_10.18	RP	pos	10.18				4		0.73923	0.89485	-0.07	-0.05	0.55	-0.09	-0.05	0.73	0.30739	0.80704	-0.18	-0.17	-0.20	-0.12	-0.16	-0.17	-0.24										
HILICpos_561.0039_5.32	HILIC	pos	5.32				4		0.43131	0.73094																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d
RPneg_579.43866_12.277	RP	neg	12.277	0.37	579.43866		4		0.17312	0.51861	0.31	0.37	0.36	0.54	0.36	0.74	0.83309	0.97501	0.03	-0.20	0.07	0.18	-0.26	0.20	0.24			
HILICneg_579.5005_0.39	HILIC	neg	0.39	579.5005		4		0.04981	0.34618	0.46	0.24	0.23	0.40	1.44	-0.03	0.66454	0.94315	-0.11	-0.01	0.04	-0.09	-0.17	-0.10	-0.23				
RPpos_579.7926_10.82	RP	pos	10.82	579.7926		4		0.86002	0.94760	-0.08	-0.17	0.76	-0.11	-0.05	0.21	0.59736	0.92780	-0.18	-0.25	-0.11	-0.14	0.24	0.68	-0.15				
HILICneg_580.1986_1.06	HILIC	neg	1.06	580.1986		4		0.10803	0.44140	0.39	-0.24	0.77	0.50	0.58	0.17	0.10120	0.57331	0.44	0.34	0.77	0.51	0.48	0.02	-0.14				
RPneg_580.23499_10.871	RP	neg	10.871	580.23499		4		0.06721	0.37964	-0.38	-0.02	-0.20	0.09	-0.36	-0.30	0.48664	0.89768	-0.14	-0.26	-0.28	-0.18	0.16	-0.09	-0.42				
RPneg_580.23499_10.768	RP	neg	10.768	580.23499		4		0.05801	0.31968	-0.43	-0.34	-0.19	0.21	-0.42	-0.21	0.04671	0.68021	-0.12	0.22	0.12	0.23	0.11	0.02	-0.42				
HILICpos_580.2711_4.7	HILIC	pos	4.7	580.2711		4		0.85602	0.94602	-0.09	0.02	0.20	-0.34	-0.03	1.41	0.93045	0.98982	0.02	0.44	0.15	1.22	0.12	0.02	-0.39				
RPneg_580.2868_9.881	RP	neg	9.881	580.2868		4		0.15830	0.50154	-0.33	-0.06	-0.06	-0.21	-0.22	-0.17	0.15617	0.66291	-0.41	-0.42	-0.53	-0.61	-0.44	-0.50	-0.30				
RPneg_580.28687_9.721	RP	neg	9.721	580.28687		4		0.22304	0.56558	-0.29	0.00	-0.03	-0.17	-0.20	-0.24	0.07220	0.51269	-0.53	-0.68	-0.51	-0.75	-0.57	-0.72	-0.30				
RPpos_580.2908_10.3	RP	pos	10.3	580.2908		4		0.00820	0.17884	-0.58	-0.06	-0.24	-0.48	-0.49	-0.07	0.28084	0.78964	-0.17	0.07	-0.41	-0.20	-0.12	0.03	-0.38				
RPneg_580.3172_10.342	RP	neg	10.342	580.3172		4		0.01897	0.25058	-0.48	-0.08	-0.31	-0.29	-0.16	-0.39	0.60436	0.92892	-0.12	0.13	0.01	-0.25	-0.10	0.06	-0.37				
RPneg_580.31952_10.475	RP	neg	10.475	580.3195		4		0.08820	0.41555	-0.37	-0.24	-0.15	-0.10	-0.04	-0.41	0.99620	0.99953	-0.01	-0.03	-0.07	-0.33	0.09	0.41	-0.24				
RPneg_580.32654_8.858	RP	neg	8.858	580.3265		4		0.04395	0.33333	-0.39	-0.24	-0.21	-0.26	-0.42	-0.59	0.06141	0.48401	-0.08	-0.11	-0.08	-0.05	0.02	-0.08	-0.12				
RPneg_580.33777_11.336	RP	neg	11.336	580.3378		4		0.92445	0.97276	-0.01	0.42	0.00	0.26	0.23	-0.06	0.74603	0.96075	0.00	0.12	-0.38	-0.38	0.05	0.21	-0.38				
RPneg_580.3598_10.782	RP	neg	10.782	580.3598		4		0.15617	0.49915	-0.40	-0.02	-0.20	-0.41	0.17	-0.20	0.73693	0.95871	0.17	0.10	0.50	-0.18	0.18	0.34	0.07				
RPneg_580.36029_10.664	RP	neg	10.664	580.3603		4		0.02455	0.27551	-0.36	0.21	0.22	-0.35	-0.41	-0.25	0.88364	0.98281	0.03	-0.08	0.08	-0.11	0.08	0.22	0.00				
RPneg_580.3996_11.233	RP	neg	11.233	580.3996		4		0.01554	0.23292	-0.49	-0.22	-0.24	-0.37	-0.61	-0.51	0.08345	0.53792	-0.26	-0.25	-0.10	-0.29	-0.20	-0.27	-0.31				
HILICpos_580.4082_1.19	HILIC	pos	1.19	580.4082		4		0.01092	0.20273	-0.38	-0.07	-0.11	-0.22	-0.34	-0.44	0.43407	0.87551	0.26	0.21	0.50	0.13	0.05	0.17	0.42				
HILICpos_580.4333_1.07	HILIC	pos	1.07	580.4333		4		0.21072	0.55378	-0.38	-0.34	-0.16	-0.36	-0.35	-0.54	0.51210	0.90613	0.19	-0.07	0.51	0.18	0.64	0.48	0.31				
RPneg_580.49408_12.577	RP	neg	12.577	580.4941		4		0.12317	0.45893	-0.55	0.41	-0.34	-0.71	0.19	-0.22	0.48348	0.89638	-0.10	0.03	0.34	0.79	0.25	0.04	-0.37				
HILICneg_580.9713_5.41	HILIC	neg	5.41	580.9713		4		0.36944	0.68581	0.25	0.32	0.46	0.05	0.50	0.80	0.06369	0.48965	0.10	-0.23	0.07	0.25	0.20	0.27	-0.37				
RPpos_581.0735_10.64	RP	pos	10.64	581.0735		4		0.46271	0.75269	-0.12	0.00	0.20	0.34	-0.19	-0.06	0.19901	0.71482	-0.50	0.36	-0.96	-0.14	0.04	-0.66	0.24				
RPpos_581.1637_7.46	RP	pos	7.46	581.1637		4		0.05037	0.34713	-0.40	-0.11	0.02	-0.18	-0.55	0.22	0.35509	0.83325	0.64	0.04	0.53	-0.13	0.55	0.26	-0.04				
HILICpos_581.1647_0.51	HILIC	pos	0.51	581.1647		4		0.12858	0.46467	-0.26	0.11	0.16	-0.28	-0.21	0.06	0.34340	0.82770	0.68	0.06	0.41	-0.29	0.92	0.76	-0.07				
RPneg_581.20398_10.003	RP	neg	10.003	581.2040		4		0.44734	0.74252	0.13	0.21	0.25	0.09	0.29	0.09	0.95675	0.99457	0.10	0.09	0.19	0.00	0.16	0.05	0.13				
HILICpos_581.237_0.44	HILIC	pos	0.44	581.2370		4		0.33350	0.65720	0.55	0.38	0.73	0.85	0.82	-0.47	0.52044	0.90888	0.23	0.34	0.26	0.10	0.42	0.27	-0.05				
RPpos_581.2394_9.2	RP	pos	9.2	581.2394		4		0.70985	0.88156	0.43	0.36	0.20	0.67	0.46	-0.20	0.20673	0.72342	0.46	0.64	0.14	0.34	1.05	0.32	0.23				
RPneg_581.24127_9.208	RP	neg	9.208	581.2413		4		0.68533	0.87026	0.14	0.36	0.01	0.25	0.26	0.00	0.48811	0.89812	0.25	0.32	0.12	0.38	0.27	0.20	-0.26				
RPpos_581.2413_11.73	RP	pos	11.73	581.2413		4		0.54089	0.79847	0.42	0.57	0.31	0.41	0.59	-0.28	0.12680	0.61796	0.85	1.22	0.80	1.08	0.66	0.43	0.02				
RPneg_581.24146_11.754	RP	neg	11.754	581.2415		4		0.86982	0.95121	0.27	0.55	0.04	0.31	0.53	-0.14	0.20588	0.72174	0.65	0.80	0.47	0.58	0.49	0.37	0.04				
RPpos_581.2759_10.3	RP	pos	10.3	581.2759		4		0.00344	0.11973	-0.65	0.15	-0.13	-0.31	-0.70	-0.40	0.05473	0.46302	-0.23	-0.39	-0.45	-0.36	-0.16	-0.19	0.71				
HILICpos_581.2912_2.07	HILIC	pos	2.07	581.2912		4		2.796_06	0.00229	1.48	0.88	1.72	1.68	1.95	0.69	0.69653	0.95988	0.16	-0.08	0.08	0.18	0.42	0.40	-0.13				
RPneg_581.31952_10.132	RP	neg	10.132	581.3195		4		0.03440	0.22702	-0.45	0.14	0.04	-0.29	-0.35	-0.30	0.59750	0.67780	0.11	0.04	0.05	0.17	0.37	0.07	0.27				
RPpos_581.3989_15.4	RP	pos	15.4	581.3989		4		0.32809	0.65277	0.11	0.96	1.11	0.36	0.19	-0.29	0.03616	0.38855	-0.34	-0.41	-0.65	0.12	0.16	0.15	-0.27				
RPpos_581.4061_10.64	RP	pos	10.64	581.4061		4		0.70722	0.88047	-0.11	0.27	0.78	-0.03	-0.31	-0.10	0.72359	0.95590	-0.21	0.21	-0.52	0.47	-0.36	-0.21	0.55				
RPpos_581.4539_12.14	RP	pos	12.14	581.4539		4		0.36405	0.68205	0.07	0.09	0.13	0.27	0.37	0.05	0.89173	0.98433	-0.03	0.10	-0.12	-0.03	0.29	-0.14	-0.25				
RPpos_581.6672_10.75	RP	pos	10.75	581.6672		4		0.70007	0.87734	-0.12	-0.27	0.73	-0.05	-0.11	0.42	0.46039	0.88511	-0.20	-0.18	-0.05	-0.31	-0.04	-0.29	-0.38				
RPpos_582.0002_10.75	RP	pos	10.75	582.0002		4		0.67464	0.86434	-0.13	-0.23	0.61	-0.07	-0.07	0.51	0.46469	0.88732	-0.21	-0.22	-0.03	-0.22	-0.03	-0.35	-0.43				
HILICneg_582.2357_1.88	HILIC	neg	1.88	582.2357		4		0.05969	0.36544	-0.43	-0.36	0.07	-0.71	0.03	-0.07	0.62243	0.93343	0.28	0.17	0.14	0.25	0.55	0.50	0.12				
RPpos_582.2452_9.19	RP	pos	9.19	582.2452		4		0.66820	0.86143	0.33	0.29	0.63	0.43	0.56	-0.08	0.13038	0.62397	0.41	0.37	0.98	0.00	0.22	0.29	0.31				
HILICpos_582.247_0.64	HILIC	pos	0.64	582.2470		4		0.73978	0.89520	0.17	0.33	-0.12	0.43	0.38	0.31	0.31352	0.81132	0.47	1.63	0.38	-0.13	0.55	0.07	0.65				
RPpos_582.2479_8.18	RP	pos	8.18	582.2479		4		0.21162	0.55439	0.51	0.61	0.77	0.31	0.83	-0.48	0.17757	0.69242	1.18	2.59	1.29	1.19	0.78	0.94	-0.21				
RPneg_582.2719_8.692	RP	neg	8.692	582.2719		4		0.05854	0.36393	0.79	0.01	2.13	0.68	0.62	0.46	0.03500	0.38291	0.91	-0.40	1.20	1.81	0.77	0.80	-0.21				
HILICpos_582.2951_1.17	HILIC	pos	1.17	582.2951		4		0.01376	0.22322	-0.40	-0.04	-0.03	-0.16	-0.15	-0.55	0.44642	0.88048	0.37	0.09	0.24	0.53	0.38	0.36	0.05				
RPpos_582.2952_10.12	RP	pos	10.12	582.2952		4		0.00747	0.16959	-0.47	-0.13	0.08	-0.32															

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)														IV-Alcohol clamp (IV-AC)																				
									Area Under the Curve (AUC)							IV-Ghrelin or Placebo							Area Under the Curve (AUC)							IV-Ghrelin or Placebo													
									Baseline			IV-ASA				BraC=0			Baseline			Post-LD				IV-AC			Post-AC														
									p	q	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d													
HILICneg_583_9581_3_01	HILIC	neg	3.01	583.9581			4		0.92879	0.97456	0.01	0.07	0.14	-0.01	0.45	0.04	0.64655	0.93858	0.12	0.05	0.08	0.33	0.15	0.24	-0.22	0.57819	0.92334	-0.20	-0.16	0.02	-0.16	-0.17	-0.19	-0.56									
RPpos_583_987_10_75	RP	pos	10.75	583.9870			4		0.96304	0.98666	-0.02	-0.40	0.82	0.09	-0.11	0.41	0.57819	0.92334	-0.20	-0.16	0.02	-0.16	-0.17	-0.19	-0.56	0.34328	0.82748	-0.30	-0.48	-0.25	-0.54	-0.07	-0.41	0.08									
RPneg_584_2289_9_721	RP	neg	9.721	584.2281			4		0.35605	0.67523	-0.24	-0.24	0.00	-0.13	0.05	-0.13	0.34328	0.82748	-0.30	-0.48	-0.25	-0.54	-0.07	-0.41	0.08	0.16640	0.51167	-0.33	-0.07	0.02	-0.21	-0.20	-0.18	0.26544	0.77769	-0.33	-0.42	-0.40	-0.37	-0.45	-0.35	-0.29	
RPneg_584_2289_9_881	RP	neg	9.881	584.2284			4		0.172429	0.89240	-0.20	0.10	0.23	0.26	0.63	0.05	0.26544	0.77769	-0.33	-0.42	-0.40	-0.37	-0.45	-0.35	-0.29	0.75917	0.90495	0.16	0.35	0.25	0.18	0.19	0.06	0.35	0.36888	0.85994	0.51	0.15	0.40	0.36	0.88	0.35	0.05
HILICneg_584_2385_1_91	HILIC	neg	1.91	584.2385			4		0.74255	0.75917	0.09	0.29	0.04	0.21	0.25	0.28	0.35373	0.75155	0.16	0.35	0.25	0.18	0.19	0.06	0.35	0.05	0.74255	0.89699	0.09	0.16	-0.03	0.12	0.28	0.24	0.37456	0.84348	0.11	0.10	0.03	0.06	0.40	0.10	-0.21
HILICpos_584_2617_0_39	HILIC	pos	0.39	584.2617			4		3.02E-07	0.00047	0.80	0.04	1.10	0.84	1.55	0.32	0.00007	0.00896	0.64	-0.15	2.43	0.91	0.41	0.35	-0.44	0.12628	0.79454	0.21	0.21	0.23	0.19	0.19	0.19	0.12628	0.79454	0.21	0.21	0.23	0.19	0.19	0.19	0.12628	
HILICneg_584_2825_1_06	HILIC	neg	1.06	584.2825			4		0.40504	0.71204	-0.24	-0.17	0.88	-0.12	-0.35	0.29	0.40404	0.85938	-0.25	-0.20	-0.06	-0.15	0.02	-0.41	-0.49	0.40504	0.71204	-0.24	-0.17	0.88	-0.12	-0.35	0.29	0.40404	0.85938	-0.25	-0.20	-0.06	-0.15	0.02	-0.41	-0.49	
HILICpos_584_3282_0_43	HILIC	pos	0.43	584.3282			4		0.51905	0.78756	-0.18	-0.29	0.97	-0.11	-0.24	0.64	0.24898	0.76555	-0.32	-0.22	-0.07	-0.20	-0.11	-0.71	-0.40	0.05491	0.35643	-0.37	0.06	-0.07	-0.30	-0.20	-0.55	0.69344	0.95008	0.05	0.31	0.19	0.29	0.09	-0.30	-0.18	
RPpos_584_3314_10_53	RP	pos	10.53	584.3314			4		0.48583	0.76801	-0.04	-0.36	-0.19	-0.10	0.35	0.23	0.29635	0.79904	0.35	-0.19	0.73	0.78	0.32	0.14	-0.13	0.18785	0.53402	-0.30	-0.13	-0.16	-0.24	-0.26	-0.39	0.33279	0.82231	0.17	0.09	0.00	0.16	0.50	0.14	0.19	
RPneg_584_34534_9_222	RP	neg	9.222	584.3453			4		0.27719	0.61167	-0.27	-0.13	-0.05	-0.25	-0.17	-0.30	0.25102	0.76715	0.14	0.14	0.20	0.05	0.14	0.27	0.10	0.31633	0.64375	-0.35	0.37	-0.14	-0.17	-0.23	-0.75	0.87486	0.98214	0.19	-0.17	0.16	0.04	0.27	0.67	-0.06	
RPneg_584_34845_10_98	RP	neg	10.98	584.3485			4		0.30120	0.63066	-0.27	0.03	0.09	-0.34	-0.26	-0.38	0.25832	0.77329	0.18	0.21	0.28	0.22	0.42	-0.33	0.17	0.14656	0.48795	-0.42	0.21	0.12	-0.19	-0.32	-0.82	0.86834	0.98025	0.15	0.00	0.28	0.25	0.23	0.16	-0.25	
RPneg_584_35583_9_315	RP	neg	9.315	584.3558			4		0.28383	0.61773	-0.28	-0.42	0.14	-0.24	-0.31	-0.09	0.52703	0.91004	0.23	0.12	-0.07	0.63	0.40	-0.24	-0.26	0.08686	0.41280	0.33	0.21	0.75	0.33	0.23	0.81	0.58974	0.92655	0.01	-0.07	0.11	-0.15	0.05	0.09	-0.05	
RPneg_584_35596_9_452	RP	neg	9.452	584.3560			4		0.33058	0.65474	0.16	0.31	0.41	0.14	0.17	0.71	0.72582	0.95600	0.04	-0.11	0.12	0.05	0.13	0.07	-0.09	0.67302	0.86385	0.17	0.50	0.37	0.23	0.23	0.25	0.73058	0.95757	-0.29	-0.03	-0.07	0.19	-0.42	-0.46	0.21	
HILICneg_584_3566_1_76	HILIC	neg	1.76	584.3566			4		0.73568	0.89335	0.08	0.21	0.37	0.27	0.22	-0.28	0.63960	0.93638	0.18	0.15	0.21	0.10	0.26	0.15	0.08	0.10323	0.43579	-0.50	-0.20	-0.32	0.05	-0.32	0.91	0.47299	0.89180	-0.32	-0.76	-0.36	0.16	-0.05	-0.42	0.42	
HILICneg_584_357_1_65	HILIC	neg	1.65	584.3570			4		0.90543	0.96529	0.09	0.45	0.43	0.33	0.44	-0.37	0.29794	0.79993	-0.17	-0.23	-0.12	-0.09	-0.10	-0.19	-0.34	0.88262	0.95651	0.06	0.48	1.47	0.01	-0.73	-0.68	0.00013	0.01455	1.58	0.82	2.10	2.93	0.95	0.52	0.11	-0.34
RPneg_584_3584_10_537	RP	neg	10.537	584.3584			4		0.02140	0.26302	-0.43	-0.06	0.22	-0.35	-0.63	0.04	0.25486	0.76996	0.37	0.12	0.42	-0.26	0.79	0.34	0.01	0.02140	0.26302	-0.43	-0.06	0.22	-0.35	-0.63	0.04	0.25486	0.76996	0.37	0.12	0.42	-0.26	0.79	0.34	0.01	
RPpos_584_3622_8_58	RP	pos	8.58	584.3622			4		0.35276	0.67243	0.59	0.77	0.43	0.65	0.59	-0.14	0.67511	0.94679	0.18	0.54	0.20	0.76	0.17	-0.42	-0.22	0.69120	0.87313	0.48	0.63	0.37	0.63	0.69	-0.38	0.31754	0.81373	0.38	1.20	0.29	0.40	0.37	-0.08	0.43	
RPpos_584_3653_7_83	RP	pos	7.83	584.3653			4		0.55093	0.80405	0.36	0.62	0.30	0.44	0.55	-0.16	0.27189	0.78275	0.52	0.71	0.61	0.62	0.47	0.26	0.09	0.50275	0.77785	0.60	0.59	1.03	0.77	0.70	-0.29	0.40676	0.86073	0.18	0.78	0.41	0.04	0.17	-0.05	0.15	
RPneg_584_3655_0_56	HILIC	pos	0.56	584.3655			4		0.50018	0.77625	0.62	0.62	1.11	0.77	0.77	-0.34	0.36162	0.83579	0.23	0.78	0.45	0.03	0.26	0.06	0.16	0.06741	0.37971	0.66	0.13	1.33	0.61	0.65	1.00	0.07462	0.51783	0.77	-0.12	0.76	-0.46	0.51	0.01	0.19	
HILICpos_584_4199_10_68	HILIC	pos	10.68	584.4199			4		0.06741	0.37971	0.66	0.13	1.33	0.61	0.65	1.00	0.07462	0.51783	0.77	-0.12	0.76	-0.46	0.51	0.01	0.19	0.10360	0.22161	-0.68	0.20	0.14	-0.38	-1.28	-0.52	0.16435	0.67450	-0.26	-0.04	0.04	-0.26	-0.36	-0.30	0.00	
HILICneg_584_4232_0_38	HILIC	pos	0.38	584.4232			4		0.02334	0.27043	-0.42	-0.10	-0.12	-0.45	-0.12	-0.47	0.30924	0.80799	0.00	0.02	0.10	-0.09	0.22	-0.14	-0.26	0.00343	0.11973	1.45	0.01	0.78	1.18	3.10	-0.30	0.56897	0.92109	-0.18	-0.42	0.22	0.57	0.04	0.01	0.04	
RPpos_584_475_10_93	RP	pos	10.93	584.4750			4		0.84804	0.94323	0.03	0.06	0.30	-0.12	0.28	1.18	0.15370	0.65949	0.07	0.56	-0.01	-0.03	0.23	0.25	-0.79	0.62043	0.83888	0.14	0.03	0.82	0.25	0.18	-0.07	0.01370	0.24969	0.50	0.27	0.50	0.60	1.16	0.23	-0.40	
RPpos_584_5233_14_21	RP	pos	14.21	584.5233			4		0.57604	0.81638	-0.12	0.02	0.65	-0.10	0.35	-0.04	0.08748	0.54647	0.20	0.33	0.21	0.28	0.63	-0.11	-0.43	0.80177	0.92346	-0.09	0.19	0.85	-0.06	0.78	0.46	0.90392	0.98615	-0.15	0.96	0.02	0.25	-0.03	-0.36	-0.49	
RPneg_585_20764_6_476	RP	neg	6.476	585.2076			4		0.07813	0.40019	-0.50	-0.11	-0.55	0.12	-0.07	-0.64	0.04367	0.42056	-0.15	-0.87	-0.16	0.82	-0.61	0.13	0.41	0.20100	0.54568	-0.22	-0.04	-0.01	-0.14	-0.04	-0.30	0.99141	0.99863	0.03	0.06	0.12	0.03	0.11	0.09	-0.10	
RPneg_585_2693_1_24	HILIC	pos	1.24	585.2693			4		0.22122	0.56379	-0.22	0.01	-0.02	-0.14	-0.07	-0.28	0.90331	0.98602	0.00	0.00	0.16	-0.01	0.04	0.03	-0.11	0.58828	0.82310	0.07	0.13	0.94	0.17	0.02	0.47	0.56242	0.92016	-0.10	-0.23	0.06	-0.11	0.23	-0.32	-0.27	
HILICpos_585_2697_0_63	HILIC	pos	0.63	585.2697			4		0.77424	0.91096	0.03	-0.09	0.90	0.09	-0.05	0.83	0.48134	0.89516	-0.11	-0.19	0.13	-0.24	0.08	-0.26	-0.22	0.22122	0.56379	-0.22	0.01	-0.02	-0.14	-0.07	-0.28	0.90331	0.98602	0.00	0.00	0.16	-0.01	0.04	0.03	-0.11	
RPpos_585_2708_11_73	RP	pos	11.73	585.2708			4		0.77424	0.91096	0.03	-0.09	0.90	0.09	-0.05	0.83	0.48134	0.89516	-0.11	-0.19	0.13	-0.24	0.08	-0.26	-0.22	0.77424	0.91096	0.03	-0.09	0.90	0.09	-0.05	0.83	0.48134	0.89516	-0.11	-0.19	0.13	-0.24	0.08	-0.26	-0.22	
RPpos_585_2715_5_88	RP	pos	5.88	585.2715			4		0.77889	0.69367	-0.25	-0.44	0.38	-0.25	-0.51	0.51	0.73568	0.95858	-0.12	-0.04	-0.12	-0.01	0.10	-0.54	-0.15	0.77889	0.69367	-0.25	-0.44	0.38	-0.25	-0.51	0.51	0.73568	0.95858	-0.12	-0.04	-0.12	-0.01	0.10	-0.54	-0.15	
RPpos_585_2716_7_13	RP	pos	7.13	585.2716			4		0.89408	0.96172	-0.05	0.09	0.82	0.01	-0.13	0.47	0.39656	0.85559	-0.18	-0.18	0.03	-0.18	0.11	-0.54	-0.27	0.89408	0.96172	-0.05	0.09	0.82	0.01	-0.13	0.47	0.39656	0.85559	-0.18	-0.18	0.03	-0.18	0.11	-0.54	-0.27	
RPneg_585_28564_9_353	RP</																																										

											IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																	
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Ghrelin or Placebo										IV-Ghrelin or Placebo																			
									Area Under the Curve (AUC)					Baseline					Area Under the Curve (AUC)					Baseline					Post-LD					IV-AC				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
HILICneg_590.2155_0.37	HILIC	neg	0.37	590.2155			4		0.16852	0.51355	-0.28	0.51	-0.16	-0.19	-0.19	0.10	0.96895	0.99673	0.02	-0.01	-0.10	0.31	-0.21	0.13	-0.09													
HILICneg_590.2261_1.06	HILIC	neg	1.06	590.2261			4		0.00009	0.01707	0.61	-0.20	1.19	0.73	0.77	0.25	0.01815	0.28753	0.44	-0.24	0.83	0.75	0.37	0.27	-0.34													
RPpos_590.3205_10.22	RP	pos	10.22	590.3205			4		0.05619	0.35880	-0.34	-0.50	-0.39	-0.46	0.34	-0.15	0.38481	0.84935	0.01	0.22	0.21	-0.51	0.66	0.05	-0.60													
RPpos_590.521_10.11	RP	pos	10.11	590.5210			4		0.00453	0.13581	-0.46	-0.28	-0.26	-0.47	-0.05	-0.66	0.40690	0.86073	0.16	0.24	0.27	0.02	0.14	0.42	-0.22													
RPneg_590.3468_10.461	RP	neg	10.461	590.3468			4		0.02089	0.26105	-0.55	-0.32	-0.33	-0.31	-0.02	-0.21	0.78525	0.96675	-0.05	0.04	-0.12	0.34	0.53	0.02	-0.20													
RPneg_590.3475_10.537	RP	neg	10.537	590.3474			4		0.25633	0.59479	-0.02	-0.10	-0.10	-0.06	0.00	-0.23	0.64683	0.63088	0.24	-0.35	-0.36	0.31	0.28	-0.25	0.40													
RPpos_590.381_10.72	RP	pos	10.72	590.3810			4		0.02108	0.26175	-0.53	-0.27	-0.45	-0.70	-0.07	-0.35	0.64672	0.93869	-0.16	-0.09	-0.22	-0.10	-0.01	-0.10	-0.27													
HILICpos_590.3895_0.38	HILIC	pos	0.38	590.3895			4		0.67705	0.86597	0.07	0.24	0.79	-0.04	0.28	0.03	0.56000	0.91988	-0.22	-0.26	0.11	-0.16	-0.25	-0.29	0.26													
HILICpos_590.4528_0.86	HILIC	pos	0.86	590.4528			4		0.37930	0.69388	-0.14	0.29	0.25	-0.36	0.19	-0.38	0.50432	0.90327	-0.22	-0.21	0.09	-0.15	-0.31	-0.36	-0.24													
HILICpos_590.4536_1.12	HILIC	pos	1.12	590.4536			4		0.01124	0.20487	-0.46	-0.07	0.45	-0.70	-0.41	-0.24	0.36536	0.83821	-0.28	-0.61	0.29	0.01	-0.30	-0.39	-0.56													
HILICpos_590.4761_0.39	HILIC	pos	0.39	590.4761			4		0.18973	0.53612	0.22	0.06	0.15	0.24	0.55	0.83	0.16827	0.67938	-0.45	-0.65	-0.26	-0.56	-0.38	-0.38	-0.47													
RPpos_591.0764_10.5	RP	pos	10.5	591.0764			4		0.21320	0.55580	-0.17	0.12	0.16	-0.04	-0.13	0.32	0.23155	0.74823	-0.53	0.19	-0.17	-0.31	-0.55	-0.57	0.40													
RPpos_591.2608_6.25	RP	pos	6.25	591.2608			4		0.51287	0.78425	-0.16	0.06	0.50	-0.54	0.46	0.29	0.62229	0.93343	0.04	0.53	0.31	-0.38	0.42	-0.88	0.12													
RPpos_591.2916_10.05	RP	pos	10.05	591.2916			4		0.19865	0.54311	-0.70	0.31	0.13	-0.13	0.13	-0.78	0.59241	0.92667	-0.22	0.20	-0.04	-0.52	0.42	-0.17	-1.13													
HILICpos_591.316_1.11	HILIC	pos	1.11	591.3160			4		0.62099	0.83901	0.18	0.02	0.48	0.33	0.16	-0.15	0.09761	0.56834	0.32	0.04	0.19	0.33	0.36	0.51	0.63													
RPpos_591.3171_6.01	RP	pos	6.01	591.3171			4		0.20870	0.55161	0.38	0.05	0.56	0.52	0.72	0.03	0.13275	0.62920	0.08	-0.08	0.06	0.19	0.05	0.14	-0.04													
RPneg_591.3175_8.51	RP	neg	8.51	591.3175			4		0.54130	0.79862	0.28	0.06	0.64	0.50	0.24	-0.23	0.05209	0.45441	0.37	0.06	0.19	0.38	0.51	0.60	0.60													
RPpos_591.3179_8.5	RP	pos	8.5	591.3179			4		0.70061	0.87756	0.24	-0.09	0.30	0.64	0.18	-0.35	0.04720	0.43423	0.39	0.02	0.29	0.41	0.52	0.58	0.40													
RPpos_591.3181_6.08	RP	pos	6.08	591.3180			4		0.30891	0.63749	0.34	0.10	0.78	0.63	0.23	-0.12	0.09404	0.56141	0.25	0.07	0.14	0.34	0.34	0.26	0.26													
RPpos_591.32007_6.106	RP	pos	6.106	591.3201			4		0.15768	0.50086	0.35	0.02	0.54	0.39	0.68	0.25	0.13038	0.62397	0.69	0.14	0.61	0.77	0.81	1.14	0.23													
RPpos_591.3483_10.18	RP	pos	10.18	591.3483			4		0.68009	0.86708	0.07	0.12	0.63	0.07	0.10	0.83	0.23587	0.75375	-0.17	-0.26	-0.04	-0.13	-0.05	-0.30	-0.31													
RPpos_591.3581_7.08	RP	pos	7.08	591.3581			4		0.58489	0.82129	-0.15	-0.28	0.49	-0.07	-0.25	0.28	0.99973	0.99979	-0.04	0.04	0.17	0.14	-0.03	-0.79	-0.15													
RPpos_591.3598_5.39	RP	pos	5.39	591.3598			4		0.37250	0.68840	-0.26	0.01	0.70	-0.23	-0.36	0.32	0.00159	0.07599	-0.52	-0.37	-0.26	-0.64	-0.20	-0.09	-0.52													
HILICpos_591.371_0.54	HILIC	pos	0.54	591.3710			4		0.85715	0.94640	-0.09	0.05	1.10	0.08	-0.24	0.18	0.60083	0.92810	0.18	-0.14	0.55	0.16	-0.26	-0.13	-0.34													
RPneg_591.38989_11.66	RP	neg	11.66	591.3899			4		0.28342	0.61746	0.09	0.32	0.40	0.17	0.39	-0.34	0.06479	0.49304	0.55	0.41	0.62	0.46	0.67	0.63	0.26													
HILICneg_591.3906_0.86	HILIC	neg	0.86	591.3906			4		0.59287	0.82533	0.04	0.14	0.17	0.04	0.76	-0.40	0.07360	0.51614	0.55	0.45	0.45	0.58	0.69	0.51	0.47													
HILICneg_591.3909_0.81	HILIC	neg	0.81	591.3909			4		0.21097	0.55393	0.17	0.37	0.20	0.30	0.71	-0.33	0.08634	0.54451	0.52	0.54	0.55	0.41	0.54	0.72	0.22													
RPneg_591.46112_11.085	RP	neg	11.085	591.4611			4		0.14063	0.48056	0.27	0.05	0.22	0.47	0.45	0.62	0.34232	0.82739	-0.32	-0.53	-0.31	-0.32	-0.11	-0.33	-0.24													
HILICneg_591.4617_0.39	HILIC	neg	0.39	591.4617			4		0.02483	0.27612	0.49	0.17	0.27	0.60	1.06	0.25	0.29543	0.79878	-0.34	-0.41	-0.34	-0.39	-0.26	-0.28	-0.31													
RPpos_591.462_11.09	RP	pos	11.09	591.4620			4		0.13085	0.46781	0.41	0.09	0.38	0.39	0.83	0.22	0.45090	0.88221	-0.21	-0.16	-0.23	-0.22	-0.19	-0.09	-0.32													
RPneg_591.46277_10.932	RP	neg	10.932	591.4628			4		0.10023	0.43172	0.53	0.09	0.45	0.62	0.76	0.34	0.35922	0.83448	-0.31	-0.50	-0.40	-0.40	-0.08	-0.20	-0.30													
RPneg_591.46344_11.259	RP	neg	11.259	591.4634			4		0.10134	0.43366	0.40	0.15	0.48	0.65	0.59	0.35	0.45711	0.88438	-0.24	-0.37	-0.33	-0.19	-0.03	-0.21	-0.35													
RPneg_591.46472_11.168	RP	neg	11.168	591.4647			4		0.11627	0.45208	0.24	0.08	0.27	0.37	0.45	0.49	0.28726	0.73407	-0.36	-0.41	-0.35	-0.43	-0.19	-0.31	-0.33													
RPpos_591.6653_10.97	RP	pos	10.97	591.6653			4		0.03972	0.31975	0.33	-0.01	0.48	0.40	0.47	0.94	0.29447	0.80175	-0.33	-0.26	-0.43	-0.30	-0.15	-0.18	-0.29													
RPpos_592.0001_10.97	RP	pos	10.97	592.0001			4		0.59169	0.82484	-0.15	-0.33	0.67	-0.14	-0.08	0.45	0.49825	0.90072	-0.19	-0.18	-0.01	-0.12	0.00	-0.47	-0.28													
RPneg_592.2635_10.233	RP	neg	10.233	592.2636			4		0.86853	0.95065	-0.09	-0.26	1.06	-0.04	-0.12	0.39	0.74346	0.96041	-0.12	-0.20	-0.01	-0.07	0.16	-0.45	-0.05													
HILICneg_592.2654_1.88	HILIC	neg	1.88	592.2654			4		0.46696	0.75547	-0.20	-0.19	-0.05	-0.32	0.30	0.58	0.88528	0.98281	0.05	-0.12	-0.12	0.12	0.11	0.36	0.13													
RPneg_592.30743_12.649	RP	neg	12.649	592.3074			4		0.11330	0.44915	-0.39	-0.36	-0.17	-0.57	0.13	-0.25	0.86192	0.97982	0.24	-0.26	0.38	0.29	0.42	0.31	0.18													
RPpos_592.308_11.06	RP	pos	11.06	592.3080			4		0.78179	0.91447	-0.08	0.40	0.25	-0.32	0.32	-0.02	0.45969	0.88511	0.10	0.05	0.17	0.05	0.15	0.17	-0.01													
RPneg_592.32202_10.653	RP	neg	10.653	592.3220			4		0.41474	0.71918	-0.22	-0.07	0.50	-0.12	-0.23	0.19	0.48591	0.89761	-0.24	0.00	-0.19	-0.23	0.03	-0.42	-0.35													
RPpos_592.3314_10.97	RP	pos	10.97	592.3314			4		0.02541	0.27880	-0.40	-0.03	-0.14	-0.27	-0.26	-0.36	0.82768	0.97409	0.11	0.27	0.30	0.11	0.01	0.06	-0.06													
RPpos_592.3362_10.37	RP	pos	10.37	592.3362			4		0.79280	0.91943	-0.09	-0.34	0.98	-0.12	-0.17	0.78	0.54655	0.91644	-0.18	-0.13	-0.03	-0.08	-0.19	-0.39	-0.23													
RPpos_592.339_10.46	RP	pos	10.46	592.3390			4		0.00343	0.11973	-0.36	-0.14	-0.23	-0.26	0.11	-0.35	0.87458	0.98203	0.16	0.41	0.14	0.09	0.19	0.18	-0.13													
RPneg_592.339_13.027	RP	neg	13.027	592.3431			4		0.10683	0.44022	-0.19	-0.31	-0.10	-0.12	0.40	-0.36	0.83189	0.97501	0.03	-0.50	-0.21	0.35	0.30	0.43	0.01													
RPpos_592.34314_5.58	RP	pos	5.58	592.3431			4		0.17457	0.51994	-0.30	0.20	-0.51	-0.07	0.09	-1.01	0.48826	0.89812	0.16	0.03	0.19	-0.09	0.35	0.23	0.19													
RPneg_592.3547_10.596	RP	neg	10.596	592.3547			4		0.29230	0.62495	-0.27	0.51	-0.16	0.00	-0.18	-0.18	0.06612	0.49650	-0.38	-0.31	-0.34	-0.79	-0.51	0.30	-0.37													
RPneg_592.3630_10.712	RP	neg	10.712	592.3630			4		0.02915	0.29025	-0.41	-0.09	-0.16	-0.21	-0.15	-0.43	0.25443	0.76933	-0.36	-0.06	0.01	-0.07	0.01	0.00	-0.24													
HILICneg_592.3631_1.24	HILIC	neg	1.24	592.3631			4		0.02023	0.25817	-0.44	-0.12	-0.17	-0.29	-0.16	-0.40	0.24799	0.76442	-0.07	0.03	0.00	-0.06	0.02	-0.05	-0.30													
HILICpos_592.3675_5	HILIC	pos	5	592.3675			4		0.00298	0.11249	-0.54	-0.19	-0.33	-0.48																								

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																					
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)			Baseline			Post-LD		IV-Ghrelin or Placebo			IV-AC			Post-AC		BrAc=0						
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d					
RPneg_593.47937_11.463	RP	neg	11.463	593.4794			4		0.07688	0.39786	0.21	0.05	0.35	0.15	0.49	0.40	0.50431	0.90327	-0.23	-0.17	-0.22	-0.25	-0.07	-0.26	-0.17	0.40084	0.85821	-0.24	-0.22	-0.20	-0.28	-0.18	-0.22	-0.26									
HLICneg_593.4795_0.39	HLIC	neg	0.39	593.4795			4		0.02114	0.26233	0.44	0.15	0.23	0.34	1.17	0.22	0.75465	0.96233	0.06	-0.06	0.14	0.16	0.47	-0.21	-0.08	0.09012	0.41837	0.21	0.42	0.49	0.09	0.33	0.26										
RPneg_593.4798_11.388	RP	neg	11.388	593.4798			4		0.09663	0.42441	0.20	0.07	0.19	0.21	0.51	0.10	0.40576	0.86019	-0.25	-0.21	-0.27	-0.25	0.12	-0.37	-0.36	0.77119	0.91237	0.10	-0.19	0.03	0.12	0.07	0.10	0.38649	0.83536	-0.25	0.03	-0.01	-0.16	-0.46	-0.17		
RPpos_593.651_10.18	RP	pos	10.18	593.6510			4		0.57874	0.81765	0.10	0.01	0.52	0.20	0.07	0.37	0.38939	0.97821	-0.17	-0.14	-0.09	-0.17	0.10	-0.35	-0.33	0.71020	0.88177	-0.12	-0.29	0.67	-0.10	-0.02	0.25	0.84000	0.97628	-0.09	-0.31	0.04	-0.05	0.14	-0.33	0.10	
RPpos_593.9844_10.97	RP	pos	10.97	593.9844			4		0.56546	0.81182	-0.21	0.09	0.86	0.07	0.62	-0.09	0.93741	0.99028	-0.08	0.73	0.26	0.39	0.30	-0.42	-0.91	0.56938	0.94838	0.12	0.10	0.13	0.11	0.23	0.09	0.06	0.68358	0.94838	0.12	0.10	0.13	0.11	0.23	0.09	0.06
RPneg_594.17615_10.002	RP	neg	10.002	594.1762			4		0.09117	0.41995	0.31	0.03	0.88	0.28	0.50	0.45	0.37188	0.84160	0.15	-0.18	0.37	0.26	0.22	0.08	-0.28	0.57495	0.81611	-0.03	0.10	0.14	0.04	0.73	0.43	0.53756	0.91463	0.26	0.08	0.28	0.31	0.36	0.45	-0.21	
RPneg_594.25781_8.683	RP	neg	8.683	594.2578			4		0.04138	0.32531	0.37	-0.11	0.86	0.37	0.62	0.45	0.00000	0.00000	0.59	-0.22	0.77	1.18	0.76	0.46	-0.27	0.10392	0.49227	-0.07	-0.22	0.11	-0.16	0.52	0.01	0.37974	0.84642	0.31	0.31	-0.03	0.57	0.52	0.22	0.18	
RPneg_594.28113_10.392	RP	neg	10.392	594.2811			4		0.03852	0.31643	-0.51	-0.19	-0.19	-0.47	-0.51	-0.20	0.62989	0.93531	-0.09	-0.15	0.16	0.01	0.34	-0.32	-0.32	0.44610	0.74171	-0.07	-0.22	0.11	-0.16	0.52	0.01	0.62989	0.93531	-0.09	-0.15	0.16	0.01	0.34	-0.32	-0.32	
RPneg_594.28271_10.492	RP	neg	10.492	594.2827			4		0.01564	0.23296	-0.57	-0.14	-0.27	-0.56	-0.43	-0.21	0.16437	0.67450	-0.25	-0.17	-0.23	-0.27	-0.12	-0.38	-0.13	0.16990	0.51471	-0.37	0.12	-0.06	-0.26	-0.20	-0.35	0.69758	0.95114	0.03	0.02	0.01	0.18	0.10	-0.07	-0.06	
RPneg_594.30286_10.036	RP	neg	10.036	594.3029			4		0.00474	0.13733	-0.22	-0.04	-0.15	-0.09	0.24	-0.38	0.74214	0.96000	0.22	0.43	0.32	0.12	0.31	0.18	-0.06	0.03920	0.29417	-0.44	-0.18	-0.14	-0.40	-0.22	-0.43	0.92426	0.98905	0.06	0.18	0.00	-0.03	0.25	0.12	-0.13	
RPneg_594.33728_10.738	RP	neg	10.738	594.3373			4		0.78212	0.91897	0.11	-0.19	0.03	0.63	0.70	0.01	0.77221	0.96458	-0.04	0.01	-0.05	-0.06	0.07	0.38	0.07	0.550874	0.94441	0.08	0.37	0.38	0.35	0.08	0.28	0.48833	0.90072	-0.31	0.14	0.31	0.00	-0.48	0.70	0.48	
RPpos_594.3547_10.62	RP	pos	10.62	594.3547			4		0.03342	0.30338	-0.44	0.20	-0.08	-0.30	-0.27	-0.36	0.49828	0.90072	-0.08	-0.68	-0.32	-0.08	0.20	0.28	-0.24	0.09521	0.42498	-0.26	0.46	-0.17	0.63	-0.46	0.00	0.19960	0.71539	-0.39	0.02	-0.47	-0.75	-0.09	-0.24	-0.26	
RPneg_594.37842_10.86	RP	neg	10.86	594.3784			4		0.45872	0.75022	-0.10	-0.03	0.07	-0.12	0.16	-0.03	0.19564	0.71015	0.33	0.41	0.47	0.37	0.44	0.30	0.10	0.25119	0.59020	-0.14	-0.12	0.04	-0.20	0.09	-0.17	0.10826	0.58740	0.49	0.38	0.40	0.94	0.84	0.34	-0.21	
RPpos_595.0874_10.57	RP	pos	10.57	595.0874			4		0.57232	0.81525	0.17	-0.10	0.21	0.09	1.51	0.15	0.10691	0.58505	-0.45	0.48	-0.17	-0.84	-0.42	-0.47	-0.27	0.23861	0.58019	0.45	0.26	0.94	0.45	1.12	-0.24	0.21340	0.73018	1.02	0.15	0.75	1.53	1.34	1.46	0.40	
RPpos_595.107_10.3	RP	pos	10.3	595.107			4		0.77037	0.90988	0.07	-0.21	0.76	0.05	0.19	-0.13	0.03538	0.38403	0.71	0.11	0.54	0.88	0.91	0.89	0.66	0.04695	0.33960	0.24	0.12	0.39	0.32	0.23	0.32	0.91929	0.98860	-0.02	-0.18	-0.09	-0.03	0.03	0.27	-0.17	
RPneg_595.1482_8.78	RP	neg	8.78	595.1482			4		0.26772	0.60392	0.68	0.28	1.14	0.67	1.50	-0.28	0.16167	0.67144	0.91	0.15	0.84	1.51	1.03	1.05	0.47	0.53005	0.79344	0.23	0.92	-0.27	0.10	0.74	0.73	0.90714	0.96968	0.07	0.43	0.89	-0.19	-0.66	-0.05	0.69	
RPpos_595.1822_11.099	RP	pos	11.099	595.1822			4		0.00947	0.18975	0.32	0.04	0.97	0.23	0.03	0.25	0.24586	0.76371	-0.36	-0.68	-0.25	-0.44	-0.15	-0.25	-0.44	0.00949	0.33877	0.18	0.04	0.21	0.09	0.60	-0.22	0.39155	0.85207	0.28	0.58	0.20	0.10	0.70	0.20	-0.08	
RPneg_595.1971_11.721	RP	neg	11.721	595.1971			4		0.09842	0.42894	0.21	0.00	0.38	0.08	0.58	0.36	0.85599	0.97868	0.01	0.03	0.35	-0.27	0.37	-0.07	-0.26	0.06607	0.37817	0.19	0.02	0.25	0.21	0.37	0.56	0.33525	0.82321	-0.29	-0.30	-0.34	-0.25	-0.19	-0.24	-0.38	
RPpos_595.1971_11.721	RP	pos	11.721	595.1971			4		0.10139	0.43366	0.37	0.20	0.14	0.12	0.95	1.06	0.56020	0.91988	-0.19	0.21	-0.03	-0.20	-0.04	-0.33	-0.40	0.49410	0.77322	-0.18	0.57	-0.14	-0.24	-0.10	0.00	0.28264	0.79142	0.58	0.92	0.07	0.83	0.36	0.53	0.24	
RPneg_595.2571_1.27	HLIC	neg	1.27	595.2571			4		0.70449	0.87921	-0.07	-0.23	0.20	0.05	-0.05	1.07	0.14964	0.65435	-0.56	-0.18	-0.36	0.03	-0.21	-1.20	0.82	0.00015	0.02351	0.82	0.39	1.07	1.59	0.71	0.78	0.54120	0.91464	0.27	0.25	0.30	0.19	0.20	0.50	0.12	
HLICneg_595.2879_4.75	HLIC	neg	4.75	595.2879			4		0.00009	0.01730	0.74	0.05	1.14	0.78	1.07	0.81	0.00021	0.02067	0.40	-0.15	0.58	0.73	0.52	0.27	-0.45	0.00009	0.01730	0.74	0.05	1.14	0.78	1.07	0.81	0.00021	0.02067	0.40	-0.15	0.58	0.73	0.52	0.27	-0.45	
HLICpos_595.2879_4.75	HLIC	pos	4.75	595.2879	adduct of chenodeoxycholic acid glycine conjugate		4		0.01559	0.23292	-0.41	0.05	-0.10	-0.25	-0.36	-0.30	0.86464	0.97994	0.14	0.29	0.29	0.20	0.09	0.06	-0.19	0.82	0.01559	0.23292	-0.41	-0.14	-0.23	-0.08	-0.38	-0.29	0.01288	0.24341	-0.24	0.04	-0.35	-0.05	-0.23	-0.19	-0.42
RPneg_595.28802_15.476	RP	neg	15.476	595.2880			4		0.41862	0.72219	-0.12	-0.14	-0.13	0.01	-0.05	0.30	0.25042	0.76679	-0.12	-0.10	-0.17	-0.23	-0.10	-0.06	0.00	0.58540	0.94734	-0.08	-0.35	0.93	0.07	-0.09	0.61	0.48888	0.89883	-0.19	-0.18	0.14	-0.24	-0.14	-0.26	-0.22	
RPpos_595.3073_0.39	HLIC	pos	0.39	595.3073			4		0.65919	0.85739	0.08	-0.13	0.46	0.12	-0.01	0.37	0.26305	0.77551	-0.35	-0.11	-0.13	-0.43	-0.25	-0.63	-0.18	0.65919	0.85739	0.08	-0.13	0.46	0.12	-0.01	0.37	0.26305	0.77551	-0.35	-0.11	-0.13	-0.43	-0.25	-0.63	-0.18	
RPneg_595.3471_1.09	HLIC	neg	1.09	595.3471			4		0.25510	0.59020	-0.14	-0.12	0.04	-0.20	0.09	-0.17	0.10826	0.58740	0.49	0.38	0.40	0.94	0.84	0.34	-0.21	0.57232	0.81525	0.17	-0.10	0.21	0.09	1.51	0.15	0.10691	0.58505	-0.45	0.48	-0.17	-0.84	-0.42	-0.47	-0.27	
RPpos_595.3477_8.65	RP	pos	8.65	595.3477			4		0.57232	0.81525	0.17	-0.10	0.21	0.09	1.51	0.15	0.10691	0.58505	-0.45	0.48	-0.17	-0.84	-0.42	-0.47	-0.27	0.23861	0.58019	0.45	0.26	0.94	0.45	1.12	-0.24	0.21340	0.73018	1.02	0.15	0.75	1.53	1.34	1.46	0.40	
RPneg_59																																											

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)														IV-Alcohol clamp (IV-AC)													
									Area Under the Curve (AUC)							IV-Ghrelin or Placebo							Area Under the Curve (AUC)							IV-Ghrelin or Placebo						
									Baseline			IV-Ghrelin or Placebo				Baseline			IV-Ghrelin or Placebo				Baseline			IV-Ghrelin or Placebo				Baseline			IV-Ghrelin or Placebo			
									p	q	d	d	d	d	d	p	q	d	d	d	d	d	p	q	d	d	d	d	d	p	q	d	d	d	d	d
RPneg_599.25024_8.385	RP	neg	8.385	599.2502			4		0.35513	0.67440	0.40	0.74	0.47	0.35	0.46	-0.08	0.08149	0.53405	1.07	1.74	1.20	1.15	0.72	0.74	-0.13											
RPneg_599.25067_7.78	RP	neg	7.78	599.2507			4		0.26752	0.60371	0.44	0.69	0.46	0.41	0.57	-0.17	0.12459	0.61515	0.95	1.75	1.53	1.04	0.90	0.60	-0.26											
RPneg_599.2868_11.755	RP	neg	11.755	599.2868			4		0.87494	0.95313	0.28	0.59	0.01	0.30	0.56	-0.12	0.21544	0.73179	0.65	0.81	0.53	0.66	0.62	0.32	-0.35											
RPpos_599.302_11.4	RP	pos	11.4	599.3020			4		0.96011	0.98597	0.01	-0.13	0.92	0.10	-0.12	0.50	0.53027	0.91205	-0.20	-0.28	-0.21	0.24	-0.32	-0.37	-0.14											
HLICneg_599.3211_4.71	HLIC	neg	4.71	599.3211			4		0.23950	0.63685	-0.17	0.25	0.04	-0.29	0.13	-0.44	0.77298	0.96458	-0.07	-0.15	0.20	-0.02	-0.56	-0.13	-0.45											
RPpos_599.3263_10.81	RP	pos	10.81	599.3263			4		0.64824	0.85134	-0.16	-0.15	0.86	-0.13	-0.19	0.37	0.44855	0.98123	-0.25	0.37	-0.08	0.12	0.04	-0.08	-0.49											
HLICpos_599.3791_0.65	HLIC	pos	0.65	599.3791			4		0.34672	0.66762	-0.32	0.20	0.74	-0.54	-0.08	0.33	0.06198	0.48472	-0.26	-0.14	-0.12	-0.45	-0.05	0.01	-0.38											
HLICneg_599.3798_0.72	HLIC	pos	0.72	599.3798			4		0.50112	0.77681	-0.22	0.13	-0.08	-0.13	0.82	0.42	0.63668	0.93602	-0.05	-0.21	0.19	-0.09	0.21	-0.08	-0.30											
RPpos_599.4229_10.49	RP	pos	10.49	599.4229			4		0.29555	0.62685	-0.20	0.31	0.08	-0.02	-0.13	0.26	0.48856	0.89823	-0.61	-0.01	-0.30	0.06	-0.31	-0.72	0.46											
RPpos_599.4271_12.21	RP	pos	12.21	599.4271			4		0.53366	0.79545	-0.23	0.04	-0.06	-0.38	0.26	-0.16	0.35679	0.83402	0.21	0.30	0.18	-0.09	0.28	0.47	-0.08											
RPpos_599.4354_10.9	RP	pos	10.9	599.4354		no autoMSMS	4		0.00038	0.03616	1.44	-0.10	0.86	1.18	2.33	0.09	0.64598	0.93835	-0.18	-0.40	0.15	-0.27	-0.08	-0.31	-0.10											
RPpos_599.4464_11.35	RP	pos	11.35	599.4464			4		0.17744	0.52334	-0.23	0.06	0.03	-0.17	0.01	-0.59	0.26325	0.77574	0.31	0.21	0.57	0.30	0.22	0.34	0.05											
RPpos_599.5038_13.98	RP	pos	13.98	599.5038			4		0.81335	0.92887	0.07	0.18	0.19	-0.06	0.30	0.02	0.33037	0.82055	-0.31	-0.43	-0.18	-0.36	-0.36	-0.28	-0.30											
RPneg_600.20111_10.146	RP	neg	10.146	600.2011			4		0.64769	0.85111	0.14	0.56	0.48	0.40	0.72	0.79	0.22142	0.73820	0.84	0.19	0.58	0.87	0.78	0.57	0.07											
HLICneg_600.2556_1.07	HLIC	neg	1.07	600.2556			4		0.00026	0.03071	0.61	0.13	1.01	0.47	0.80	0.61	0.00317	0.11328	0.57	-0.08	1.05	0.67	0.65	0.31	-0.33											
RPneg_600.28467_5.572	RP	neg	5.572	600.2847			4		0.53216	0.79455	-0.05	-0.04	-0.03	-0.09	0.00	0.22	0.59087	0.92655	-0.01	-0.03	-0.01	-0.05	0.01	0.03	0.01											
RPpos_600.3402_8.4	RP	pos	8.4	600.3402			4		0.41827	0.72206	0.23	-0.28	0.93	0.19	0.28	0.11	0.63621	0.93594	0.11	-0.11	0.11	0.05	0.50	0.50	-0.16	0.09										
RPpos_600.4037_10.96	RP	pos	10.96	600.4037			4		0.00907	0.18730	-0.32	-0.07	-0.20	-0.31	-0.07	-0.38	0.27103	0.78253	0.44	0.24	0.47	0.39	0.51	0.34	0.23											
RPpos_600.4194_10.73	RP	pos	10.73	600.4194			4		0.85139	0.94811	0.04	0.23	0.43	0.38	0.00	-0.44	0.62561	0.93416	-0.28	-0.44	-0.05	-0.43	-0.31	-0.28	1.77											
RPpos_600.4683_10.47	RP	pos	10.47	600.4683			4		0.41292	0.71783	-0.26	-0.15	-0.18	0.10	0.12	0.43	0.85258	0.97781	-0.07	-0.42	-0.37	0.31	0.20	-0.24	0.05											
HLICpos_600.8442_0.55	HLIC	pos	0.55	600.8442			4		0.44226	0.73848	0.23	-0.23	0.81	0.38	0.15	0.06	0.77806	0.96555	-0.05	0.09	0.10	-0.18	0.07	-0.27	-0.14											
RPpos_601.0208_10.48	RP	pos	10.48	601.0208			4		0.80127	0.92334	0.03	-0.03	0.71	0.23	-0.12	0.61	0.34927	0.83048	-0.15	-0.18	-0.02	-0.11	0.13	-0.36	-0.40											
RPpos_601.0901_10.73	RP	pos	10.73	601.0901			4		0.83167	0.93648	0.16	0.38	0.43	0.49	-0.18	-0.01	0.97096	0.99673	-0.09	-0.18	-0.16	-0.30	0.00	-0.31	2.45											
RPneg_601.16101_9.644	RP	neg	9.644	601.1610			4		0.12883	0.46512	-0.47	0.15	0.03	-0.50	0.28	0.73	0.16919	0.68137	0.17	0.90	-0.09	0.39	0.52	-0.39	-1.32											
RPneg_601.16187_9.421	RP	neg	9.421	601.1619			4		0.17529	0.52072	-0.44	0.04	0.21	-0.39	0.81	-0.35	0.89718	0.98504	-0.02	0.49	0.22	-0.03	0.12	-0.15	-0.66											
RPneg_601.16205_9.306	RP	neg	9.306	601.1621			4		0.44142	0.73829	-0.27	0.16	0.35	0.24	0.66	0.09	0.71260	0.95351	0.06	0.29	-0.02	0.65	0.40	-0.03	-0.41											
HLICpos_601.2639_1.8	HLIC	pos	1.8	601.2639			4		0.18663	0.53338	0.60	0.55	0.98	0.61	0.89	-0.50	0.31838	0.81449	0.44	0.71	0.72	0.42	0.50	0.14	0.08											
RPpos_601.2661_5.42	RP	pos	5.42	601.2661			4		0.85199	0.94441	0.12	0.10	0.18	0.11	0.28	0.40	0.41506	0.86524	0.08	0.45	0.12	0.05	-0.09	0.13	0.25											
RPpos_601.2662_8.38	RP	pos	8.38	601.2662			4		0.09887	0.42954	0.55	1.03	0.79	0.36	0.46	0.16	0.17156	0.68443	0.59	1.21	0.87	0.36	0.44	0.42	-0.07											
RPpos_601.2662_5.49	RP	pos	5.49	601.2662			4		0.96227	0.98640	0.11	0.08	0.25	0.08	0.37	0.21	0.66054	0.94254	0.10	0.16	0.17	0.30	-0.01	0.17	0.18											
RPpos_601.2665_7.77	RP	pos	7.77	601.2665			4		0.35983	0.67835	0.27	0.57	0.31	0.07	0.48	0.55	0.20399	0.71960	0.22	0.36	0.44	0.36	0.16	0.09	-0.26											
RPpos_601.2668_7.65	RP	pos	7.65	601.2668			4		0.26945	0.65644	0.40	0.82	0.31	0.37	0.41	0.71	0.50669	0.90372	0.06	0.34	0.03	0.31	-0.20	0.02	0.20											
RPpos_601.2844_10.81	RP	pos	10.81	601.2844			4		0.19397	0.53950	-0.41	0.05	-0.35	-0.08	-0.28	-0.79	0.00831	0.19492	-0.43	-0.27	-0.03	0.83	-0.51	-0.60	-0.28											
RPpos_601.3566_10.48	RP	pos	10.48	601.3566			4		0.98642	0.99495	-0.02	-0.04	0.76	-0.10	0.03	0.59	0.38499	0.84935	-0.18	-0.21	-0.12	0.03	0.10	-0.44	-0.44											
RPpos_601.3598_7.2	RP	pos	7.2	601.3598			4		0.44533	0.74083	-0.24	-0.09	0.92	-0.24	-0.28	0.37	0.24266	0.75888	-0.38	-0.28	-0.05	-0.32	-0.13	-0.41	-0.50											
RPpos_601.3708_11.47	RP	pos	11.47	601.3708			4		0.45879	0.75027	0.06	0.21	0.31	0.05	0.17	-0.19	0.00500	0.14866	0.76	0.65	0.70	0.64	0.93	0.74	0.62											
RPneg_601.41003_11.346	RP	neg	11.346	601.4100			4		0.42974	0.73024	-0.27	0.66	0.57	0.46	-0.42	0.33	0.47826	0.89386	-0.19	0.33	0.04	-0.30	0.07	-0.34	-0.78											
RPneg_601.41229_11.489	RP	neg	11.489	601.4123			4		0.42390	0.72574	-0.20	0.37	0.54	0.04	0.21	-0.22	0.32234	0.81576	0.13	0.12	0.18	0.43	0.74	-0.14	-0.29											
HLICpos_601.4189_0.4	HLIC	pos	0.4	601.4189			4		0.03946	0.31957	-0.51	0.01	-0.06	-0.26	-0.28	-0.54	0.57255	0.92224	0.24	0.15	0.56	0.33	0.31	-0.60	0.61											
RPpos_601.4598_12.2	RP	pos	12.2	601.4598		no autoMSMS	4		0.60237	0.83022	-0.10	0.14	0.09	-0.04	0.09	-0.43	0.00000	0.00045	0.34	0.35	0.58	0.34	0.40	0.02	0.01											
RPpos_601.5173_14.76	RP	pos	14.76	601.5173			4		0.55505	0.80675	0.15	0.57	0.27	-0.06	0.48	-0.12	0.35503	0.83325	-0.24	-0.26	-0.17	-0.27	-0.17	-0.18	-0.43											
RPpos_601.6641_11.18	RP	pos	11.18	601.6641			4		0.23092	0.57237	-0.37	-0.22	0.75	-0.27	-0.94	0.35	0.81485	0.97171	-0.10	-0.14	0.01	0.02	-0.01	-0.41	-0.12											
RPpos_601.6868_10.48	RP	pos	10.48	601.6868			4		0.79684	0.92147	0.04	-0.14	0.92	-0.10	0.18	0.59	0.44354	0.87968	-0.13	-0.26	-0.06	-0.04	0.09	-0.33	-0.23											
RPneg_601.7768_4.329	RP	neg	4.329	601.7769			4		0.20411	0.5																										

Feature_ID	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)													IV-Alcohol clamp (IV-AC)																								
									Area Under the Curve (AUC)				Baseline				IV-Ghrelin or Placebo					BrAC=0				Area Under the Curve (AUC)				Baseline		Post-LD		IV-Ghrelin or Placebo					BrAC=0							
									p	q	r	d	d	d	d	d	d	d	d	d	d	d	d	p	q	r	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
RPneg_605_40619_11.799	RP	neg	11.799		605.40619		4		0.52657	0.79153	0.03	0.40	0.25	0.06	0.30	-0.47		0.25315	0.76898	0.42	0.34	0.51	0.42	0.56	0.43	0.09																				
HILICneg_605_40607_0.72	HILIC	neg	0.72		605.40607		4		0.56746	0.81268	0.04	0.30	0.23	0.06	0.36	-0.51		0.31163	0.80947	0.40	0.31	0.41	0.40	0.56	0.43	0.17																				
HILICneg_605_40607_0.78	HILIC	neg	0.78		605.40607		4		0.77613	0.91185	0.00	0.22	0.07	0.05	0.36	-0.50		0.19528	0.70973	0.52	0.32	0.62	0.74	0.59	0.39	0.21																				
HILICneg_605_4419_0.39	HILIC	neg	0.39		605.4419		4		0.08675	0.41278	0.46	0.17	0.64	0.49	0.86	-0.06		0.92657	0.98928	0.06	-0.42	0.00	0.20	0.32	0.01	-0.10																				
RPneg_605_4739_11.182	RP	neg	11.182		605.4739		4		0.11519	0.64267	0.15	0.17	0.21	0.17	0.71	0.29		0.34933	0.75556	-0.32	-0.14	-0.08	0.48	-0.45	-0.18																					
HILICpos_605_3818_0.15	HILIC	pos	0.15		605.3818		4		0.85882	0.94705	-0.07	-0.05	-0.35	0.02	-0.09	-0.12		0.21048	0.77392	-0.10	-0.22	0.09	-0.27	-0.02	-0.15																					
RPneg_606_28668_12.651	RP	neg	12.651		606.28667		4		0.70163	0.87812	-0.11	0.36	0.39	-0.45	0.20	0.15		0.90614	0.98670	0.00	0.05	0.15	-0.12	0.04	0.04	-0.35																				
RPneg_606_30066_9.911	RP	neg	9.911		606.30007		4		0.33705	0.66011	-0.15	0.11	0.02	0.00	0.03	-0.28		0.38298	0.84854	0.30	0.34	0.27	0.12	0.44	0.19	0.46																				
RPneg_606_30078_10.059	RP	neg	10.059		606.30008		4		0.17039	0.51533	-0.20	0.11	-0.03	-0.05	-0.07	-0.26		0.70143	0.95170	0.15	0.21	0.20	0.17	0.21	0.10	0.25																				
HILICneg_606_301_1.38	HILIC	neg	1.38		606.3010		4		0.21723	0.55899	-0.16	-0.07	-0.07	-0.08	0.09	0.04		0.88587	0.98286	0.04	0.11	0.03	0.13	0.03	0.01	0.24																				
RPneg_606_32166_13.032	RP	neg	13.032		606.3217		4		0.17088	0.51600	-0.42	0.09	-0.35	-0.26	0.07	-0.28		0.49491	0.89979	0.19	0.17	0.28	0.08	0.14	0.16	0.41																				
RPneg_606_32812_8.064	RP	neg	8.064		606.3281		4		0.30561	0.63448	0.10	0.17	0.19	0.06	0.18	0.09		0.19277	0.70820	-0.10	-0.10	-0.13	-0.03	-0.06	-0.11	-0.18																				
RPneg_606_33319_10.635	RP	neg	10.635		606.3332		4		0.00326	0.11826	-0.21	0.03	-0.30	-0.03	0.14	-0.39		0.44471	0.88011	0.43	0.17	0.49	0.44	0.80	0.26	-0.15																				
RPpos_606_3389_10.97	RP	pos	10.97		606.3389		4		0.87334	0.95270	-0.06	-0.49	0.93	0.00	-0.09	0.45		0.36225	0.83655	-0.23	-0.15	-0.10	-0.16	0.01	-0.62	-0.26																				
RPpos_606_3423_10.53	RP	pos	10.53		606.3423		4		0.50918	0.78201	-0.19	-0.36	0.83	-0.11	-0.20	0.44		0.31198	0.80947	-0.28	-0.28	-0.09	-0.13	-0.02	-0.62	-0.44																				
HILICpos_606_3425_0.43	HILIC	pos	0.43		606.3425		4		0.42809	0.72888	-0.26	-0.32	1.02	-0.19	-0.48	0.62		0.32011	0.81514	-0.30	-0.22	-0.12	-0.25	-0.05	-0.56	-0.41																				
HILICpos_606_3488_0.83	HILIC	pos	0.83		606.3488		4		0.48452	0.76726	0.18	0.02	0.79	0.08	0.56	0.27		0.97255	0.99688	-0.03	-0.21	0.08	-0.09	0.22	-0.35	-0.09																				
RPpos_606_3886_7.11	RP	pos	7.11		606.3886		4		0.28324	0.61745	-0.33	-0.25	0.88	-0.33	-0.37	0.30		0.31403	0.81205	-0.33	-0.23	-0.08	-0.26	0.02	-0.51	-0.46																				
RPpos_606_4062_6.88	RP	pos	6.88		606.4062		4		0.17958	0.52425	-0.38	-0.25	0.64	-0.38	-0.37	0.29		0.51933	0.90854	-0.27	-0.14	-0.08	-0.16	0.00	-0.58	-0.27																				
RPneg_606_41425_11.356	RP	neg	11.356		606.4143		4		0.12394	0.45916	-0.31	0.16	-0.23	-0.35	-0.15	-0.22		0.12187	0.60974	0.25	-0.27	-0.06	-0.35	0.22	-0.17																					
RPpos_606_4324_10.64	RP	pos	10.64		606.4324		4		0.57199	0.81512	-0.03	0.30	0.31	0.25	-0.02	-0.19		0.88092	0.98281	-0.11	0.01	0.49	-0.65	0.29	-0.57	0.54																				
RPpos_606_4568_14.73	RP	pos	14.73		606.4568		4		0.12308	0.45875	-0.18	0.01	-0.19	-0.13	-0.17	0.00		0.62999	0.93531	-0.03	-0.17	0.21	0.19	-0.09	0.17	-0.28																				
RPpos_606_507_13.4	RP	pos	13.4		606.5070		4		0.52285	0.78923	0.20	0.10	0.39	0.46	0.48	-0.47		0.11800	0.60341	-0.19	-0.32	-0.38	-0.21	-0.07	0.11	-0.39																				
RPpos_606_6754_10.97	RP	pos	10.97		606.6754		4		0.88709	0.95860	-0.07	-0.29	1.08	-0.11	-0.13	0.55		0.61113	0.93043	-0.16	-0.18	-0.05	-0.07	0.03	-0.44	-0.20																				
HILICpos_606_8811_0.56	HILIC	pos	0.56		606.8811		4		0.42659	0.72806	0.15	0.32	0.39	0.21	0.10	0.52		0.67435	0.94679	0.06	-0.19	0.02	0.01	0.36	0.03	0.16																				
RPpos_606_9844_11.63	RP	pos	11.63		606.9844		4		0.20412	0.54850	0.31	-0.30	0.84	0.57	0.22	0.59		0.33832	0.82464	-0.32	-0.27	-0.24	-0.01	-0.12	-0.73	-0.17																				
RPpos_607_0089_10.97	RP	pos	10.97		607.0089		4		0.72860	0.88958	-0.12	-0.26	1.00	-0.07	-0.20	0.61		0.67526	0.94685	-0.13	-0.26	0.08	-0.19	0.11	-0.39	-0.10																				
HILICpos_607_2338_0.43	HILIC	pos	0.43		607.2338		4		0.83191	0.93652	0.09	0.25	0.69	0.17	0.26	-0.16		0.66655	0.94404	0.02	0.50	0.40	0.04	-0.26	-0.13	-0.42																				
RPneg_607_23779_7.002	RP	neg	7.002		607.2378		4		0.10453	0.43740	0.54	-0.12	0.48	0.69	1.27	0.35		0.47277	0.89173	0.21	-0.30	-0.26	0.15	0.46	0.56	0.15																				
RPpos_607_2521_11.73	RP	pos	11.73		607.2521		4		0.68876	0.87170	0.30	0.56	0.24	0.30	0.49	-0.28		0.44789	0.88099	0.55	1.06	0.56	0.49	0.61	0.41	0.07																				
RPpos_607_3048_11.29	RP	pos	11.29		607.3048		4		0.85637	0.94625	-0.03	-0.13	0.88	0.05	-0.13	0.59		0.49317	0.89856	-0.25	-0.07	-0.17	-0.23	0.05	-0.60	-0.32																				
RPpos_607_3143_11.63	RP	pos	11.63		607.3143		4		0.42968	0.73022	0.14	-0.25	0.52	0.20	0.19	0.50		0.47077	0.89700	-0.26	-0.18	-0.13	-0.21	0.14	-0.76	-0.08																				
RPneg_607_3498_9.782	RP	neg	9.782		607.3470		4		0.01911	0.87048	-0.05	0.18	-0.15	-0.05	-0.13	0.78		0.02644	0.34302	-0.64	-0.23	-0.59	-0.63	-0.64	-0.75																					
RPneg_607_38501_10.831	RP	neg	10.831		607.3850		4		0.38730	0.69968	0.04	0.19	0.32	0.06	0.10	-0.19		0.27284	0.74490	0.24	0.24	0.24	0.27	0.28	0.28	0.01																				
RPneg_607_38531_11.753	RP	neg	11.753		607.3853		4		0.52378	0.78963	-0.22	0.48	-0.40	-0.37	0.47	0.04		0.57463	0.92285	0.22	0.65	0.67	-0.09	0.44	0.19	-0.13																				
RPneg_607_38544_10.505	RP	neg	10.505		607.3854		4		0.47155	0.75854	0.06	0.00	0.20	0.18	0.20	-0.07		0.09255	0.55918	0.32	0.30	0.18	0.35	0.29	0.39	0.24																				
RPneg_607_42139_12.256	RP	neg	12.256		607.4214		4		0.44108	0.73811	-0.10	0.26	0.02	-0.17	0.10	-0.43		0.11088	0.59240	0.11	0.09	0.25	0.13	0.14	0.06	-0.13																				
HILICneg_607_4572_0.39	HILIC	neg	0.39		607.4572		4		0.03591	0.31053	0.61	0.18	0.54	0.72	1.29	-0.07		0.67457	0.94679	-0.07	-0.29	0.00	0.07	0.01	-0.10	-0.10																				
RPneg_607_47363_10.878	RP	neg	10.878		607.4736		4		0.01474	0.22828	0.84	0.11	0.02	-0.01	2.77	0.11		0.79134	0.96739	-0.14	-0.28	0.21	-0.34	-0.47	0.07	0.14																				
RPpos_607_4963_11.52	RP	pos	11.52		607.4963		4		0.20963	0.55258	-0.25	-0.10	-0.03	0.15	0.08	0.03		0.83163	0.97501	0.07	-0.16	-0.27	-0.35	0.29	0.35	0.78																				
RPpos_607_8589_9.24	RP	pos	9.24		607.8589		4		0.58839	0.82310	0.05	-0.14	0.35	0.22	-0.03	-0.22		0.98225	0.99752	0.03	-0.15	0.01	0.24	0.02	-0.04	-0.20																				
RPpos_607_9883_10.97	RP	pos	10.97		607.9883		4		0.71267	0.88289	-0.14	-0.23	0.55	-0.17	-0.15	0.78		0.96230	0.99573	0.00	-0.15	-0.17																								

							IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)											
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)										Area Under the Curve (AUC)									
									Baseline					IV-Ghrelin or Placebo					Baseline					Post-LD				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPpos_615.6948_10.47	RP	pos	10.47	615.6948	0.06		4		0.61190	0.83407	0.08	-0.06	0.91	0.18	0.01	0.76	0.46038	0.88511	-0.16	-0.06	-0.16	-0.24	0.32	-0.37	-0.34			
RPpos_615.8361_10.18	RP	pos	10.18	615.8361	0.13		4		0.52750	0.79190	0.13	0.20	0.66	0.21	0.08	0.54	0.28678	0.79355	-0.14	-0.25	-0.02	-0.07	-0.07	-0.22	-0.32			
RPpos_616.0283_10.47	RP	pos	10.47	616.0283	0.07		4		0.64739	0.85103	0.07	0.26	0.70	0.09	0.00	0.61	0.42913	0.87325	-0.13	-0.13	-0.08	-0.16	0.05	-0.25	-0.19			
RPpos_616.232_10.04	RP	pos	10.04	616.2320	-0.14		4		0.31751	0.64463	-0.14	0.00	0.10	-0.04	-0.06	-0.08	0.61141	0.93043	0.20	0.14	0.22	0.40	0.15	0.01	0.09			
RPpos_616.2536_7.14	RP	pos	7.14	616.2536	0.52		4		0.66008	0.79837	0.52	0.61	0.98	0.48	0.66	0.03	0.48995	0.89836	0.17	0.64	0.32	-0.18	0.34	0.17	-0.07			
RPpos_616.3167_6.16	HILIC	pos	6.16	616.3167	0.13		4		0.11381	0.49349	0.13	0.11	0.93	0.16	-0.42	-0.38	0.02138	0.47775	0.77	0.26	0.67	1.13	1.27	0.26	-0.26			
RPpos_616.336_11.17	RP	pos	11.17	616.3360	-0.42		4		0.18488	0.53127	-0.42	-0.29	0.64	-0.34	-0.35	0.51	0.75478	0.96233	-0.12	-0.05	0.01	-0.02	-0.01	-0.58	-0.14			
RPneg_616.36194_10.634	RP	neg	10.634	616.3619	-0.04		4		0.00121	0.06996	-0.04	-0.07	-0.11	-0.11	-0.14	-0.35	0.64944	0.93921	0.25	0.35	0.25	0.20	0.30	0.31	-0.01			
RPpos_616.362_10.47	RP	pos	10.47	616.3620	0.11		4		0.54112	0.79850	0.11	-0.01	0.68	0.05	0.28	0.40	0.08011	0.53023	-0.29	-0.18	-0.11	-0.33	-0.16	-0.49	-0.43			
RPneg_616.36224_10.527	RP	neg	10.527	616.3622	-0.28		4		0.00049	0.04160	-0.28	-0.01	-0.11	-0.19	0.07	-0.43	0.76038	0.96251	0.19	0.18	0.27	0.09	0.26	0.21	0.01			
HILICpos_616.3677_4.91	HILIC	pos	4.91	616.3677	0.06		4		0.83560	0.93838	0.06	0.04	0.17	-0.06	0.38	0.32	0.47279	0.89173	-0.23	-0.26	-0.23	-0.28	-0.17	-0.23	-0.12			
HILICpos_616.4258_0.4	HILIC	pos	0.4	616.4258	-0.07		4		0.58597	0.82164	-0.07	0.14	0.36	0.08	0.03	0.11	0.18918	0.70460	-0.51	-0.04	-0.25	-0.47	-0.35	-0.59	0.23			
RPpos_616.67_11.17	RP	pos	11.17	616.6700	-0.40		4		0.17891	0.52425	-0.40	-0.31	0.78	-0.35	-0.94	0.42	0.54407	0.91525	-0.20	-0.21	-0.13	-0.15	0.00	-0.50	-0.11			
RPpos_616.8008_11.05	RP	pos	11.05	616.8008	-0.17		4		0.54312	0.79971	-0.17	-0.22	0.22	-0.05	0.13	-0.12	0.69789	0.95116	-0.15	0.14	0.17	-0.59	-0.40	-0.06	-0.01			
RPpos_617.0043_11.17	RP	pos	11.17	617.0043	-0.38		4		0.19443	0.53962	-0.38	-0.29	0.74	-0.31	-0.92	0.58	0.62706	0.93462	-0.17	-0.18	-0.11	-0.16	0.12	-0.46	-0.18			
RPpos_617.3382_14.09	RP	pos	14.09	617.3382	-0.23		4		0.30682	0.63538	-0.23	0.35	-0.24	0.01	0.05	-0.08	0.66653	0.94404	-0.06	0.03	-0.44	0.42	-0.48	0.26	-0.27			
RPpos_617.4747_11.52	RP	pos	11.52	617.4747	0.22		4		0.09262	0.30192	0.22	0.05	0.23	0.22	0.56	0.35	0.73410	0.95858	-0.12	-0.13	-0.13	-0.09	0.00	-0.16	-0.02			
HILICpos_617.4749_0.39	HILIC	pos	0.39	617.4749	0.21		4		0.09624	0.31107	0.21	-0.03	0.14	0.06	0.75	0.49	0.41668	0.86598	-0.26	-0.32	-0.20	-0.29	-0.20	-0.21	-0.30			
RPpos_617.5137_13.98	RP	pos	13.98	617.5137	0.07		4		0.86404	0.94954	0.07	0.16	0.21	0.00	0.32	0.07	0.66149	0.94270	-0.22	0.33	0.09	0.00	0.12	-0.12	-0.14			
RPneg_617.7360_6.046	RP	neg	6.046	617.7360	-0.34		4		0.04551	0.33646	-0.34	-0.14	-0.22	-0.57	-0.24	0.18	0.23832	0.74521	0.30	0.39	-0.09	0.33	0.20	0.25	0.68			
HILICneg_617.7368_6.15	HILIC	neg	6.15	617.7368	-0.37		4		0.03672	0.31218	-0.37	-0.15	-0.25	-0.52	-0.26	0.17	0.16454	0.67460	0.32	0.30	-0.04	0.37	0.17	0.30	0.70			
RPpos_618.0134_10.47	RP	pos	10.47	618.0134	0.09		4		0.53702	0.79711	0.09	-0.29	0.85	0.04	0.02	0.37	0.10592	0.58363	-0.26	-0.67	-0.29	-0.05	-0.19	-0.32	0.13			
HILICneg_618.1984_2.05	HILIC	neg	2.05	618.1984	-0.13		4		0.67214	0.86354	-0.13	-0.28	0.31	0.48	-0.02	-0.34	0.99318	0.99904	-0.02	-0.19	-0.01	-0.38	0.52	0.15	-0.40			
RPpos_618.3214_11.17	RP	pos	11.17	618.3214	-0.43		4		0.17756	0.52334	-0.43	-0.23	0.85	-0.31	-0.93	0.27	0.69552	0.95059	-0.13	-0.36	0.13	0.02	-0.11	-0.35	-0.11			
RPpos_618.3475_10.18	RP	pos	10.18	618.3475	0.02		4		0.95900	0.98548	0.02	0.25	0.61	-0.08	-0.08	0.81	0.67231	0.94608	-0.01	-0.18	0.21	0.08	-0.06	-0.14	0.01			
HILICpos_618.3834_4.87	HILIC	pos	4.87	618.3834	0.02		4		0.85798	0.94665	0.02	0.12	-0.04	0.01	0.44	0.35	0.41667	0.86598	0.02	0.07	0.14	-0.11	0.00	0.01	0.04			
HILICpos_618.4043_0.43	HILIC	pos	0.43	618.4043	0.06		4		0.93654	0.97709	0.06	0.39	0.42	-0.03	0.13	0.31	0.41260	0.86451	-0.52	0.00	-0.17	-0.59	-0.29	-0.51	0.71			
RPneg_619.11493_8.316	RP	neg	8.316	619.1149	-0.41		4		0.23518	0.57691	-0.41	0.34	0.17	-0.11	0.49	0.42	0.56117	0.91988	-0.16	0.53	-0.08	0.02	-0.04	-0.52	-0.76			
HILICpos_619.122_5.1	HILIC	pos	5.1	619.1220	0.51		4		0.08022	0.40460	0.51	0.29	1.30	0.63	0.33	-0.46	0.03682	0.39172	0.84	0.19	1.08	1.73	0.74	0.52	-0.23			
RPpos_619.257_10.12	RP	pos	10.12	619.2570	-0.57		4		0.00409	0.13075	-0.57	-0.11	-0.30	-0.31	-0.45	-0.64	0.81708	0.97227	0.04	0.17	0.13	-0.34	0.20	0.31	-0.28			
HILICpos_619.2856_4.7	HILIC	pos	4.7	619.2856	0.8734		4		0.68734	0.87110	0.8734	0.01	0.11	0.11	-0.05	0.14	0.18	0.15959	0.66876	0.42	0.26	0.57	0.42	0.42	0.53	0.13		
HILICneg_619.2873_4.62	HILIC	neg	4.62	619.2873	0.53783		4		0.53783	0.79761	0.53783	0.19	0.29	0.48	0.33	0.46	0.06	0.92604	0.99908	-0.04	0.00	0.20	0.01	-0.01	0.01	-0.56		
HILICneg_619.2876_4.71	HILIC	neg	4.71	619.2876	0.44517		4		0.44517	0.74083	0.44517	0.15	0.45	0.26	0.68	0.29	0.61633	0.93438	0.05	0.11	0.15	0.07	0.22	0.01	-0.34			
RPneg_619.28821_15.477	RP	neg	15.477	619.2882	0.42		4		0.41205	0.71695	0.42	0.46	0.45	0.15	0.74	0.30	0.78192	0.96597	0.01	-0.21	0.16	0.08	0.14	0.07	-0.31			
HILICneg_619.3061_6.98	HILIC	neg	6.98	619.3061	0.04		4		0.75607	0.90339	0.04	0.06	0.37	0.17	0.05	-0.49	0.11815	0.60379	0.18	0.28	0.31	0.50	0.00	-0.12	-0.28			
RPneg_619.33704_7.112	RP	neg	7.112	619.3370	-0.29		4		0.34107	0.66329	-0.29	-0.15	1.09	-0.19	-0.40	0.22	0.25276	0.76890	-0.41	-0.24	-0.08	-0.37	-0.05	-0.54	-0.51			
RPpos_619.3547_5.74	RP	pos	5.74	619.3547	-0.22		4		0.38972	0.70129	-0.22	0.49	-0.17	0.08	-0.10	-0.17	0.10367	0.57907	-0.34	-0.29	-0.30	-0.64	-0.45	0.27	-0.20			
HILICpos_619.4806_0.98	HILIC	pos	0.98	619.4806	-0.02		4		0.76048	0.95000	-0.02	-0.11	0.31	-0.10	0.37	-0.49	0.15211	0.65780	-0.37	-0.59	-0.55	0.12	-0.39	-0.24	-0.54			
RPpos_619.4918_11.52	RP	pos	11.52	619.4918	0.20		4		0.11494	0.45035	0.20	0.04	0.19	0.17	0.57	-0.12	0.63875	0.93638	0.11	0.16	0.24	0.06	0.22	-0.03	0.26			
RPpos_619.5273_14.75	RP	pos	14.75	619.5273	0.15		4		0.66499	0.85973	0.15	0.33	0.29	0.07	0.49	-0.40	0.24099	0.75800	-0.23	-0.21	-0.26	-0.21	-0.09	-0.09	-0.63			
RPpos_619.6124_11.17	RP	pos	11.17	619.6124	0.27		4		0.51046	0.78266	0.27	0.31	-0.07	0.14	1.39	-0.59	0.19329	0.70820	0.09	10.67	1.00	0.42	-0.06	1.00	0.11			
RPpos_619.7502_6.05	RP	pos	6.05	619.7502	-0.38		4		0.02811	0.28685	-0.38	-0.11	-0.27	-0.55	-0.32	0.50	0.22960	0.74656	0.42	0.63	0.08	0.24	0.07	0.53	0.89			
HILICpos_619.8411_10.53	HILIC	pos	10.53	619.8411	-0.18		4		0.48018	0.76412	-0.18	-0.55	0.78	-0.22	-0.18	0.70	0.58644	0.92534	-0.14	-0.20	-0.07	0.06	0.06	-0.52	-0.28			
HILICneg_620.14_0.57	HILIC	neg	0.57	620.1400	-0.09		4		0.27341	0.60924	-0.09	-0.22	-0.04	-0.07	-0.04	0.38	0.50619	0.90363	-0.19	-0.19	-0.53	-0.16	-0.14	-0.26	0.88			
RPneg_620.31848_10.335	RP	neg	10.335	620.3185	-0.10		4		0.62782	0.84252	-0.10	-0.08	0.25	0.05	-0.03	0.07	0.83786	0.97588	0.36	0.51	0.15	-0.49	-0.02	0.64	0.56			
RPneg_620.3430_9.188	RP	neg	9.188	620.3430	0.06		4		0.22864	0.57037	0.06	0.10	-0.06	0.04	0.13	0.18	0.32948	0.73711	-0.10	0.03	0.06	0.12	0.11	-0.16	-0.05			
RPneg_620.35474_10.831	RP	neg	10.831	620.3547	-0.09		4		0.03139	0.25799	-0.09	-0.09	-0.16	-0.28	-0.42	0.42	0.93550	0.90900	0.11	0.22	0.21	0.10	0.08	0.11	-0.17			
RPneg_620.35541_11.066	RP	neg	11.066	620.3554	-0.41		4		0.01921	0.25232	-0.41	0.01	-0.03	-0.33	-0.32	-0.52	0.37807	0.84565	-0.0									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline	IV-ASA	d		d		Baseline	IV-ASA	d		d		Baseline	Post-LD	d		d		Baseline	Post-LD	d		d	
RPneg_622.37164_11.166	RP	neg	11.166	622.3716			4		0.00291	0.11119	-0.59	0.21	-0.38	-0.68	-0.57	-0.65	0.86843	0.98025	0.20	0.03	0.33	0.22	0.38	0.38	-0.07	0.00						
RPneg_622.40826_11.365	RP	neg	11.365	622.4083			4		0.01422	0.22596	-0.41	-0.06	-0.18	-0.58	-0.25	-0.38	0.94415	0.99197	0.06	0.04	0.13	0.02	0.10	0.10	0.15	-0.12						
RPpos_622.6658_10.96	RP	pos	10.96	622.6658			4		0.64726	0.85096	0.10	0.02	0.62	0.06	0.24	0.05	0.78443	0.96659	-0.11	-0.22	0.08	0.36	-0.22	-0.20	-0.41							
HILICpos_622.8564_0.55	HILIC	pos	0.55	622.8564			4		0.26549	0.60202	0.37	-0.17	0.98	0.46	0.35	0.03	0.98840	0.99810	0.00	0.00	0.16	-0.09	0.20	-0.41	0.13							
HILICneg_622.9714_0.48	HILIC	neg	0.48	622.9714			4		0.71057	0.88195	0.13	0.50	0.32	0.17	0.22	0.12	0.80923	0.20460	-0.68	-0.38	-0.45	-0.84	-0.45	-0.71	-0.39							
RPpos_623.0018_10.46	RP	pos	10.46	623.0018			4		0.72677	0.88866	0.07	-0.18	0.75	0.07	0.02	0.58	0.48519	0.87551	-0.34	-0.41	0.16	-0.23	0.34	-0.45	-0.39							
HILICneg_623.0724_5.85	HILIC	neg	5.85	623.0724			4		0.65131	0.85293	0.01	0.23	0.29	0.45	-0.02	-0.74	0.07547	0.52053	0.91	1.04	0.41	0.73	1.22	1.53	-0.53							
RPneg_623.2858_10.76	RP	pos	10.76	623.2858			4		0.01149	0.20692	-0.50	-0.15	-0.08	-0.34	-0.79	-0.35	0.78296	0.96604	0.09	0.15	-0.02	0.04	0.26	0.10	0.02							
RPpos_623.2862_10.87	RP	pos	10.87	623.2862			4		0.00290	0.11098	-0.81	0.11	-0.40	-0.44	-1.09	0.10	0.45719	0.88441	0.46	0.55	0.22	0.75	0.30	0.28	-0.33							
RPpos_623.2903_7.15	RP	pos	7.15	623.2903			4		0.62652	0.84170	-0.19	0.48	0.63	0.01	0.63	0.14	0.75915	0.96233	-0.12	0.97	0.15	-0.66	0.15	-0.37	-0.63							
RPpos_623.3333_10.96	RP	pos	10.96	623.3333			4		0.78299	0.91498	0.02	-0.40	1.21	-0.12	0.05	0.49	0.63953	0.93638	-0.15	-0.26	-0.06	-0.17	0.16	-0.60	0.02							
HILICpos_623.4129_1.22	HILIC	pos	1.22	623.4129			4		0.01560	0.23292	-0.54	-0.16	-0.29	-0.33	-0.51	-0.10	0.85365	0.97808	0.11	-0.09	0.30	0.00	0.48	0.14	-0.27							
RPneg_623.4198_11.649	RP	neg	11.649	623.4150			4		0.94755	0.98069	-0.14	0.15	-0.04	-0.13	0.10	-0.19	0.24928	0.76555	0.23	0.22	0.39	0.09	0.22	0.30	0.06							
RPpos_623.8168_10.81	RP	pos	10.81	623.8168			4		0.68716	0.87110	-0.12	0.13	1.05	-0.16	-0.28	0.34	0.56304	0.92016	-0.20	-0.23	-0.09	0.05	0.12	-0.54	-0.29							
RPneg_624.20197_10.234	RP	neg	10.234	624.2020			4		0.99625	0.99865	-0.06	-0.08	0.08	0.00	0.26	0.95	0.88846	0.98372	0.03	-0.14	-0.12	0.15	0.10	0.24	0.11							
RPneg_624.26086_9.91	RP	neg	9.91	624.2609			4		0.38970	0.70129	-0.13	0.24	0.06	0.02	-0.07	-0.26	0.52294	0.90914	0.22	0.38	0.39	-0.18	0.44	0.05	0.27							
RPneg_624.26123_10.059	RP	neg	10.059	624.2612			4		0.21161	0.55439	-0.19	0.11	-0.05	-0.13	0.04	-0.24	0.60115	0.92810	0.18	0.13	0.25	0.12	0.20	0.17	0.27							
RPneg_624.2869_5.453	RP	neg	5.453	624.2869			4		0.52938	0.79306	-0.12	0.05	0.46	-0.12	0.03	0.05	0.46460	0.89761	0.11	0.13	0.27	0.18	0.42	-0.01	-0.67							
RPneg_624.2899_4.85	RP	neg	4.85	624.2870			4		0.65573	0.85565	-0.03	-0.15	0.19	-0.03	0.12	0.16	0.74142	0.95996	-0.01	0.11	0.12	-0.16	0.31	-0.12	-0.68							
HILICneg_624.2913_1.19	HILIC	neg	1.19	624.2913			4		0.00889	0.18546	-0.41	-0.11	-0.07	-0.08	-0.28	-0.24	0.88090	0.99752	-0.01	0.12	0.25	0.11	0.08	0.18	0.14							
HILICneg_624.2913_1.35	HILIC	neg	1.35	624.2913			4		0.18819	0.53406	-0.40	0.72	-0.14	-0.03	-0.02	0.46	0.10180	0.57479	-0.24	-0.40	-0.41	-0.54	-0.19	-0.55	-0.01							
RPneg_624.2981_10.832	RP	neg	10.832	624.2981			4		0.07019	0.38479	-0.43	-0.18	-0.05	-0.34	-0.16	-0.40	0.78857	0.96713	0.21	0.18	0.34	0.24	0.22	0.01	-0.05							
RPneg_624.31281_10.02	RP	neg	10.02	624.3128			4		0.03174	0.29834	-0.46	0.01	-0.05	-0.29	-0.41	-0.95	0.98339	0.99758	0.02	-0.06	0.07	0.03	0.14	0.11	-0.26							
RPneg_624.31299_8.825	RP	neg	8.825	624.3130			4		0.15671	0.43965	-0.29	-0.07	-0.10	-0.25	-0.23	-0.38	0.04868	0.44078	-0.11	-0.16	-0.13	-0.44	-0.12	-0.09	0.06							
RPneg_624.33759_7.785	RP	neg	7.785	624.3376			4		0.00460	0.13645	0.78	0.94	0.95	0.76	1.33	0.14	0.33849	0.82468	0.51	0.05	0.34	0.65	0.69	0.76	0.06							
RPneg_624.33777_8.956	RP	neg	8.956	624.3378			4		0.01848	0.24801	0.71	0.41	1.03	0.89	0.79	0.14	0.01177	0.23129	0.35	0.06	0.28	0.50	0.39	0.37	0.15							
RPneg_624.3378_7.93	RP	pos	7.93	624.3378			4		0.04954	0.34580	0.35	0.35	0.73	0.32	0.23	0.44	0.23970	0.75656	0.16	0.05	0.11	0.19	0.32	0.20	0.09							
RPneg_624.33795_8.585	RP	neg	8.585	624.3380			4		0.38610	0.69865	-0.18	-0.24	0.08	0.23	-0.06	-0.10	0.90471	0.98615	-0.05	0.06	0.48	0.09	0.15	-0.43	-0.11							
RPneg_624.33838_8.752	RP	neg	8.752	624.3384			4		0.00303	0.11339	0.15	0.14	0.33	0.11	0.18	0.16	0.60060	0.92810	-0.07	-0.15	-0.11	-0.04	-0.04	-0.03	-0.08							
RPneg_624.33844_8.641	RP	neg	8.641	624.3384			4		0.81990	0.93151	0.10	0.03	0.40	0.08	0.17	-0.05	0.28671	0.79355	0.03	-0.11	-0.01	0.14	-0.03	0.08	-0.02							
RPneg_624.33856_7.616	RP	neg	7.616	624.3386			4		0.56406	0.81116	0.35	0.49	0.51	0.36	0.72	-0.14	0.96476	0.99622	-0.04	-0.14	-0.10	0.05	-0.01	-0.02	0.07							
HILICneg_624.3397_5.61	HILIC	neg	5.61	624.3397			4		0.059470	0.30583	0.16	0.10	0.33	0.14	0.20	0.10	0.98572	0.99792	-0.03	-0.11	-0.07	0.00	0.01	-0.01	-0.07							
RPpos_624.4402_10.93	RP	pos	10.93	624.4402			4		0.74453	0.89850	-0.04	0.31	0.13	0.15	0.02	-0.39	0.53550	0.83343	-0.25	-0.11	0.12	-0.16	0.10	-0.72	0.13							
RPpos_624.4464_11.77	RP	pos	11.77	624.4464			4		0.47071	0.75778	0.05	0.35	0.29	0.09	0.30	-0.47	0.30782	0.80726	0.39	0.33	0.49	0.44	0.50	0.38	0.03							
RPpos_624.7734_10.93	RP	pos	10.93	624.7734			4		0.94696	0.98048	0.00	0.00	0.41	0.20	-0.12	0.16	0.53312	0.91295	-0.27	0.11	-0.33	-0.23	-0.03	-0.48	1.23							
HILICpos_625.3201_0.46	HILIC	pos	0.46	625.3201			4		0.38437	0.69734	-0.26	-0.34	0.48	0.04	-0.33	-0.16	0.16716	0.67851	0.36	0.16	0.88	0.39	0.17	-0.24	0.20							
RPneg_625.35803_9.154	RP	neg	9.154	625.3580			4		0.34634	0.66735	0.36	0.90	0.31	0.23	0.62	0.23	0.01956	0.29534	-0.20	-0.12	-0.17	-0.16	-0.29	-0.22	-0.09							
RPneg_625.36078_8.526	RP	neg	8.526	625.3608			4		0.00160	0.08130	0.80	0.12	0.86	1.07	1.34	-0.08	0.00005	0.00773	0.47	-0.07	0.24	0.25	0.99	1.03	-0.14							
RPpos_625.3904_13.36	RP	pos	13.36	625.3904			4		0.77587	0.91172	0.05	0.66	-0.37	1.30	-0.40	0.02	0.19052	0.70588	-0.38	-0.28	-0.20	0.16	-0.40	-0.21	-0.28							
RPpos_625.4323_10.58	RP	pos	10.58	625.4323			4		0.42468	0.72620	0.27	0.27	0.15	0.52	0.29	-0.05	0.21401	0.73062	-0.55	-0.34	-0.49	-0.40	0.04	-0.52	1.12							
RPpos_625.4548_10.55	RP	pos	10.55	625.4548			4		0.02377	0.27180	-0.26	0.06	0.06	-0.24	-0.18	-0.31	0.12008	0.60697	0.36	0.46	0.45	0.57	0.14	0.24	0.29							
RPpos_625.692_10.73	RP	pos	10.73	625.6920			4		0.86831	0.95065	-0.07	-0.25	0.99	-0.12	0.13	0.30	0.91887	0.98860	-0.05	-0.06	-0.11	0.01	0.16	-0.35	0.01							
HILICpos_625.7982_7.9	HILIC	pos	7.9	625.7982			4		0.65972	0.85748	-0.17	-0.06	-0.32	0.17	0.38	-0.20	0.73628	0.95863	-0.16	0.01	-0.15	-0.24	-0.45	0.17	0.58							
HILICpos_626.028_0.48	HILIC	pos	0.48	626.0280			4		0.51018	0.78261	-0.21	-0.32	0.38	-0.16	-0.17	0.13	0.58682	0.9253														

Feature_ID	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)													
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo								
									Baseline			Post-LD			Baseline			Post-LD			Baseline			Post-LD			Baseline			Post-LD		
									p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d	p	q	d
RPpos_636.0237_10.96	RP	pos	10.96	636.0237			4		0.89095	0.29613	0.01	-0.39	1.05	0.07	0.01	0.34	0.60392	0.92892	-0.16	-0.28	-0.04	-0.21	0.10	-0.32	-0.14							
RPneg_636.26025_10.133	RP	neg	10.133	636.2603			4		0.02142	0.26302	-0.45	-0.05	-0.08	-0.17	-0.25	-0.69	0.56748	0.92089	0.10	0.07	0.01	0.12	0.20	0.18	-0.13							
RPpos_636.3316_11.61	RP	pos	11.61	636.3316			4		0.82679	0.93452	0.03	-0.23	0.69	-0.12	0.03	0.18	0.68195	0.94821	-0.17	-0.19	-0.16	-0.17	0.20	-0.40	-0.28							
HILICpos_636.3358_0.41	HILIC	pos	0.41	636.3358			4		0.34028	0.66274	-0.26	-0.42	0.39	-0.02	-0.36	0.19	0.35440	0.83234	-0.38	-0.10	-0.36	-0.45	0.11	-0.53	-0.36							
RPpos_636.3358_11.05	RP	pos	11.05	636.3358			4		0.47487	0.76084	0.91	-0.19	0.34	0.91	-0.15	-0.20	0.51	0.70968	0.95278	-0.15	-0.12	-0.06	-0.07	0.06	-0.34	-0.47						
RPneg_636.3476_10.897	RP	neg	10.897	636.3476			4		0.02419	0.27422	-0.59	0.00	-0.16	-0.29	0.06	-0.27	0.71	0.40789	0.85150	-0.05	0.03	0.01	0.07	0.17	-0.20	-0.34						
RPneg_636.34778_10.78	RP	neg	10.78	636.3478			4		0.01853	0.24801	-0.44	0.02	-0.17	-0.33	-0.24	-0.46	0.41906	0.86713	0.05	0.08	0.02	0.08	0.17	0.04	-0.15							
HILICneg_636.3487_1.25	HILIC	neg	1.25	636.3487			4		0.02094	0.26101	-0.53	-0.03	0.04	-0.48	-0.50	0.30	0.82839	0.97425	-0.06	-0.20	-0.26	0.01	0.15	-0.10	-0.05							
RPpos_636.3585_10.96	RP	pos	10.96	636.3585			4		0.89156	0.96051	-0.06	-0.21	0.88	-0.08	-0.07	0.45	0.51955	0.90863	-0.20	-0.30	0.05	-0.25	0.04	-0.48	-0.27							
RPpos_636.3807_5.74	RP	pos	5.74	636.3807			4		0.26559	0.60215	-0.30	0.46	-0.16	-0.06	-0.10	-0.19	0.11804	0.60352	-0.31	-0.29	-0.27	-0.78	-0.33	0.44	-0.27							
RPpos_636.3969_7.2	RP	pos	7.2	636.3969			4		0.42448	0.72609	-0.25	-0.13	0.88	-0.17	-0.35	0.32	0.26505	0.77729	-0.38	-0.28	-0.04	-0.24	-0.15	-0.48	-0.51							
HILICpos_636.3977_0.49	HILIC	pos	0.49	636.3977			4		0.28364	0.61760	-0.33	-0.27	0.89	-0.38	-0.37	0.11	0.40060	0.85821	-0.29	-0.25	0.01	-0.24	0.06	-0.45	-0.43							
HILICpos_636.3981_0.69	HILIC	pos	0.69	636.3981			4		0.49738	0.77461	0.09	0.40	0.25	0.04	0.16	0.54	0.44206	0.87936	0.02	-0.10	0.17	-0.19	0.03	0.17	-0.12							
RPpos_636.3981_6.85	RP	pos	6.85	636.3981			4		0.13936	0.47911	0.27	0.06	0.25	0.26	0.54	0.78	0.18499	0.70062	0.15	-0.12	0.07	-0.02	0.25	0.66	0.03							
RPneg_636.4057_11.191	RP	neg	11.191	636.4057			4		0.01163	0.20749	1.02	0.03	0.54	1.18	2.01	-0.57	0.77503	0.96469	-0.09	-0.27	0.19	-0.13	-0.05	-0.05	-0.11							
HILICpos_636.8736_0.45	HILIC	pos	0.45	636.8736			4		0.76097	0.90508	0.06	0.11	0.43	0.17	0.09	0.72	0.02108	0.30692	-0.24	-0.15	-0.19	-0.36	-0.01	-0.50	-0.10							
HILICpos_636.8981_0.76	HILIC	pos	0.76	636.8981			4		0.80646	0.92567	0.04	0.21	0.19	0.05	0.08	0.67	0.98897	0.99810	0.04	-0.34	0.04	-0.06	0.01	0.60	-0.01							
RPpos_636.9988_11.61	RP	pos	11.61	636.9988			4		0.56503	0.81162	0.10	-0.08	0.72	0.02	0.20	0.30	0.85584	0.97668	-0.11	-0.10	-0.39	-0.26	0.88	-0.46	-0.06							
RPneg_637.14038_9.29	RP	neg	9.29	637.1404			4		0.21454	0.55959	-0.42	0.15	0.30	0.05	0.47	-0.29	0.97707	0.99726	-0.02	0.35	0.06	0.51	0.34	0.47	-0.47							
RPneg_637.14117_9.415	RP	neg	9.415	637.1412			4		0.72657	0.88852	-0.17	0.44	0.44	0.32	0.86	0.71	0.30350	0.80433	-0.18	-0.10	0.08	0.17	0.07	-0.29	-0.44							
RPpos_637.3041_10.49	RP	pos	10.49	637.3041			4		0.82865	0.93506	-0.08	0.05	-0.55	0.54	1.27	0.21	0.37695	0.84546	-0.19	-0.07	-0.56	-0.25	-0.08	0.27	-0.16							
RPpos_637.3549_8.75	RP	pos	8.75	637.3549			4		0.93027	0.97497	0.03	0.13	-0.09	0.14	0.25	-0.34	0.47379	0.89235	0.05	0.07	-0.01	-0.06	0.02	0.30	-0.01							
HILICpos_637.4285_1.2	HILIC	pos	1.2	637.4285			4		0.00056	0.13604	-0.44	0.03	-0.09	-0.36	-0.29	-0.44	0.34751	0.83026	0.00	0.08	-0.01	0.04	0.24	-0.02	-0.58							
RPneg_637.43024_11.86	RP	neg	11.86	637.4302			4		0.40527	0.71205	-0.20	0.14	-0.03	-0.19	0.10	-0.48	0.21441	0.73101	0.07	0.00	0.26	0.09	0.12	0.04	-0.17							
RPpos_637.4801_13.42	RP	pos	13.42	637.4801			4		0.58914	0.82348	0.12	0.42	0.12	0.04	0.19	0.58	0.17433	0.68878	0.17	0.03	0.48	0.18	0.10	-0.02	0.06							
RPpos_637.675_10.96	RP	pos	10.96	637.6750			4		0.98449	0.99408	-0.02	-0.14	0.29	0.14	-0.02	0.50	0.57541	0.92304	-0.19	-0.49	-0.02	0.05	-0.14	-0.33	-0.29							
RPpos_637.8499_10.18	RP	pos	10.18	637.8499			4		0.52328	0.78939	0.10	0.32	0.45	0.08	0.17	0.87	0.20449	0.72067	-0.17	-0.22	-0.17	-0.16	0.01	-0.11	-0.49							
RPpos_638.009_10.96	RP	pos	10.96	638.0090			4		0.94970	0.98123	-0.01	-0.25	0.84	0.21	-0.19	0.63	0.60587	0.92920	-0.19	-0.20	-0.13	0.03	0.03	-0.40	-0.33							
RPneg_638.23999_10.057	RP	neg	10.057	638.2400			4		0.25941	0.59755	-0.19	0.15	-0.10	-0.05	-0.01	-0.28	0.71060	0.95280	0.15	0.62	0.13	0.16	-0.04	0.11	0.36							
RPneg_638.27423_10.569	RP	neg	10.569	638.2742			4		0.00571	0.14775	-0.56	-0.05	-0.25	-0.26	-0.33	-0.42	0.80378	0.96983	0.14	0.20	0.17	0.11	0.18	0.21	0.01							
RPneg_638.30151_5.523	RP	neg	5.523	638.3015			4		0.87040	0.95134	0.03	0.05	0.68	0.18	0.15	0.36	0.26701	0.77921	0.21	0.23	0.20	0.24	0.83	0.03	-0.42							
RPpos_638.3251_9.67	RP	pos	9.67	638.3251			4		0.86481	0.94954	0.03	-0.27	0.53	0.09	0.32	0.56	0.67161	0.94591	-0.18	-0.23	0.12	-0.42	-0.24	-0.36	-0.22							
HILICpos_638.3298_4.66	HILIC	pos	4.66	638.3298			4		0.56903	0.81349	-0.42	0.25	0.43	0.05	0.60	0.32	0.58748	0.92590	0.04	0.08	0.12	0.09	0.17	0.13	-0.49							
RPneg_638.33179_10.163	RP	neg	10.163	638.3318			4		0.32028	0.64679	0.14	-0.16	0.85	0.30	0.15	0.32	0.46366	0.88698	0.02	-0.33	-0.02	0.13	0.29	-0.05	-0.13							
RPneg_638.33203_10.037	RP	neg	10.037	638.3320			4		0.20293	0.54747	0.25	-0.16	1.18	0.29	0.37	0.10	0.51457	0.90649	0.04	-0.27	-0.11	0.23	0.30	-0.13	-0.07							
HILICpos_638.3353_0.36	HILIC	pos	0.36	638.3353			4		0.17294	0.51840	0.09	0.13	0.35	0.24	-0.26	0.71	0.39992	0.85821	0.04	0.01	0.09	0.07	0.14	0.18	-0.35							
RPpos_638.3364_11.36	RP	pos	11.36	638.3364			4		0.28791	0.62150	0.10	0.10	0.37	0.50	-0.36	0.47	0.29539	0.79878	0.22	0.27	0.29	0.49	0.06	0.38	-0.56							
HILICneg_638.44141_10.637	HILIC	neg	10.637	638.4414			4		0.94266	0.97904	-0.08	0.01	-0.10	0.32	0.59	0.58	0.15003	0.65470	-0.09	-0.09	-0.09	0.08	-0.39	-0.12	0.53							
RPpos_638.7252_6.05	RP	pos	6.05	638.7252			4		0.02092	0.26101	-0.39	-0.04	-0.32	-0.53	-0.32	0.84	0.20627	0.72262	0.56	0.73	0.39	0.19	0.15	0.46	1.05							
RPpos_638.8136_11.05	RP	pos	11.05	638.8136			4		0.24120	0.58195	-0.25	-0.28	0.68	-0.18	-0.34	0.51	0.43797	0.87688	-0.26	0.02	-0.18	-0.05	-0.07	-0.64	-0.28							
HILICneg_638.9487_0.48	HILIC	neg	0.48	638.9487			4		0.11747	0.45310	0.41	0.61	0.40	0.65	0.41	0.26	0.00088	0.05254	-0.87	-0.32	-0.85	-0.71	-0.73	-0.89	-0.73							
RPpos_639.1145_10.91	RP	pos	10.91	639.1145			4		0.88730	0.95875	-0.03	0.15	0.23	0.43	-0.47	0.01	0.89110	0.98433	0.01	0.99	-0.40	0.26	-0.22	-0.35	1.26							
HILICneg_639.1365_0.48	HILIC	neg	0.48	639.1365			4		0.18909	0.53570	0.22	0.19	0.23	0.19	0.31	0.45	0.04397	0.42172	-0.38	-0.41	-0.40	-0.37	-0.40	-0.38	-0.21							
RPpos_639.1757_11.73	RP	pos	11.73	639.1757			4		0.87567	0.95348	0.23	0.44	-0.11	0.42	0.56	-0.50	0.09222	0.55862	0.91	1.94	0.60	1.34	0.78	0.00	-0.08							
HILICpos_639.2989_2.08	HILIC	pos	2.08	639.2989			4		0.40632	0.71277	0.24	0.20	0.75	0.00	0.52	0.74	0.01272	0.24141	0.24	0.18	0.28	0.20	0.44	0.33	-0.55							
RPneg_639.4158_9.492	RP	neg	9.492	639.4117			4		0.00030	0.02681	0.50	0.62	0.84	0.48	0.87	0.11	0.15992	0.69093	0.41	0.16	0.81	0.17	0.66	0.38	0.18							
RPpos_639.4958_13.98	RP	pos	13.98	639.4958			4		0.97235	0.98979	0.04	0.11	0.19	0.02	0.32	0.08	0.36392	0.83767	-0.29	0.36	0.28	0.36	-0.26	0.31	-0.14							
RPpos_640.1081_10.57	RP	pos	10.57	640.1081			4		0.59135	0.82464	-0.07	-0.35	0.45	0.11	-0.06	-0.02	0.42196	0.86958	-0.51	0.49	-0.31	-0.34	-0.04	-0.56	1.15							
RPneg_640.29065_10.78	RP	neg	10.78	640.2907			4																									

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo				BRAC=0	Area Under the Curve (AUC)			IV-Ghrelin or Placebo				BRAC=0				
									p	q	d	d	d				d	d	d	d	d	d	d		d	d		
													d	d	d												d	d
RPneg_642.41748_11.1	RP	neg	11.1	642.4175			4		0.82408	0.93341	-0.07	0.05	0.15	0.44	1.45	0.11	0.56229	0.92016	-0.08	-0.36	-0.21	-0.46	0.06	0.15	0.45			
RPpos_642.5162_11.13	RP	pos	11.13	642.5162			4		0.81876	0.93988	-0.06	-0.18	-0.23	0.68	0.16	1.72	0.81876	0.97238	-0.11	0.40	-0.41	0.19	-0.25	-0.70	2.97			
RPpos_642.6859_10.73	RP	pos	10.73	642.6859			4		0.51785	0.78687	0.14	0.05	1.29	0.06	-0.03	0.67	0.96117	0.99553	-0.04	-0.26	0.16	0.14	0.45	-0.35	-0.01			
RPpos_642.9948_11.37	RP	pos	11.37	642.9948			4		0.99860	0.99943	-0.01	-0.31	0.63	0.07	-0.04	0.63	0.96515	0.99637	-0.08	-0.16	-0.06	0.10	0.38	-0.38	-0.36			
RPneg_643.27747_11.755	RP	neg	11.755	643.2775			4		0.85178	0.94441	0.27	0.54	0.02	0.31	0.64	-0.08	0.15650	0.66394	0.62	0.78	0.50	0.57	0.11	0.28	0.05			
HILICpos_643.2845_1.66	HILIC	pos	4.94	643.2845			4		0.58320	0.81992	0.17	0.19	1.42	0.11	0.59	0.21	0.55337	0.81881	0.01	0.32	0.16	0.12	0.02	0.31	0.13			
HILICpos_643.3275_4.07	HILIC	pos	4.07	643.3275			4		0.72660	0.88852	0.08	0.00	0.63	0.06	0.27	-0.08	0.00684	0.17457	0.42	0.32	0.46	0.50	1.02	0.09	-0.30			
RPpos_643.3288_11.37	RP	pos	11.37	643.3288			4		0.64032	0.84786	0.08	-0.05	0.43	0.18	0.08	1.18	0.72055	0.95565	-0.12	0.30	0.07	0.14	-0.16	0.46	-0.02			
HILICpos_643.3519_0.42	HILIC	pos	0.42	643.3519			4		0.51758	0.78685	-0.20	-0.34	0.84	-0.09	-0.26	0.40	0.44467	0.88009	-0.26	-0.17	-0.09	-0.26	-0.10	-0.43	-0.33			
RPpos_643.3519_10.8	RP	pos	10.8	643.3519			4		0.59569	0.82675	-0.16	-0.33	0.82	-0.05	-0.19	0.30	0.46946	0.88973	-0.23	-0.23	-0.04	-0.17	0.05	-0.57	-0.35			
HILICpos_643.3655_5.65	HILIC	pos	5.65	643.3655			4		0.67780	0.86629	0.01	0.06	0.33	0.39	-0.09	-0.81	0.01056	0.21823	0.72	0.83	0.69	1.03	1.06	0.19	-0.87			
HILICpos_643.3661_5.45	HILIC	pos	5.45	643.3661			4		0.83356	0.93730	0.07	0.52	0.44	0.08	0.09	-0.54	0.00564	0.15742	0.91	0.81	1.48	1.00	2.59	-0.28	-0.43			
HILICpos_643.3776_5.55	HILIC	pos	5.55	643.3776			4		0.09273	0.42191	0.18	0.14	0.32	0.18	0.22	0.11	0.39435	0.85426	0.00	-0.11	-0.05	0.03	0.02	0.08	-0.05			
RPpos_643.3794_8.63	RP	pos	8.63	643.3794			4		0.66171	0.85810	0.14	0.16	0.28	0.15	0.16	0.07	0.21985	0.73665	0.04	-0.07	-0.05	0.07	0.11	0.09	0.00			
RPpos_643.3796_8.74	RP	pos	8.74	643.3796			4		0.02008	0.25739	0.17	0.08	0.34	0.14	0.24	0.07	0.40386	0.85921	-0.10	-0.15	-0.16	-0.09	-0.08	-0.05	-0.07			
HILICpos_643.4037_0.73	HILIC	pos	0.73	643.4037			4		0.05338	0.35282	-0.44	0.13	0.11	-0.12	-0.37	0.18	0.52104	0.90888	-0.16	-0.19	-0.28	-0.03	0.22	0.18	-0.43			
HILICpos_643.4068_0.66	HILIC	pos	0.66	643.4068			4		0.83650	0.93852	-0.08	0.22	0.57	0.03	-0.14	0.50	0.26123	0.77484	-0.18	-0.10	-0.16	-0.12	0.10	-0.18	-0.29			
RPpos_643.6625_11.37	RP	pos	11.37	643.6625			4		0.99395	0.99801	-0.01	0.12	0.39	-0.01	0.01	0.47	0.80699	0.97034	-0.10	-0.21	-0.20	0.04	0.08	-0.39	0.04			
RPneg_644.2745_9.964	RP	neg	9.964	644.2746			4		0.50655	0.59838	0.19	0.01	0.03	-0.19	0.05	-0.39	0.91385	0.98749	0.05	0.01	0.11	0.02	0.13	0.06	-0.08			
HILICpos_644.313_5.01	HILIC	pos	5.01	644.3130			4		0.58247	0.81952	0.06	-0.08	0.25	0.24	0.03	0.10	0.34284	0.82748	-0.10	-0.01	0.21	-0.03	0.19	-0.18	-0.46			
RPpos_644.3682_8.44	RP	pos	8.44	644.3682			4		0.50953	0.78222	0.18	-0.22	0.54	0.31	0.09	0.26	0.90794	0.98698	0.03	-0.23	0.15	0.10	0.35	-0.15	0.01			
HILICpos_644.3691_0.56	HILIC	pos	0.56	644.3691			4		0.41980	0.72298	0.24	-0.26	0.77	0.36	0.23	-0.09	0.94168	0.99159	0.02	-0.09	-0.04	-0.07	0.20	-0.14	0.26			
RPneg_644.39471_10.983	RP	neg	10.983	644.3947			4		0.00039	0.03639	-0.37	-0.12	-0.24	-0.30	-0.19	-0.35	0.62909	0.93513	0.26	0.57	0.28	0.22	0.36	0.09	0.02			
RPneg_644.43298_11.191	RP	neg	11.191	644.4330			4		0.00005	0.01249	3.39	0.00	0.59	2.36	5.90	0.07	0.79991	0.96943	0.08	-0.13	0.65	-0.06	-0.12	-0.10	-0.12			
RPpos_644.494_10.47	RP	pos	10.47	644.4940			4		0.81051	0.92734	-0.14	-0.18	0.02	0.14	0.21	0.24	0.91824	0.98853	-0.04	-0.31	-0.36	0.44	0.26	-0.26	0.05			
RPpos_644.7822_10.68	RP	pos	10.68	644.7822			4		0.94665	0.98034	0.05	-0.12	0.26	0.51	-0.05	0.13	0.29668	0.79515	-0.42	-0.06	-0.26	-0.19	-1.16	-0.41	0.27			
RPpos_645.2731_7.15	RP	pos	7.15	645.2731			4		0.64821	0.85134	-0.19	0.36	0.60	0.05	0.62	0.17	0.89177	0.98433	-0.06	0.99	0.13	-0.48	0.18	-0.29	-0.70			
RPpos_645.2904_11.72	RP	pos	11.72	645.2904			4		0.91117	0.96721	0.05	1.27	0.21	-0.33	0.61	-0.26	0.87787	0.98241	0.05	1.02	-0.33	0.03	0.10	-0.07	0.04			
RPpos_645.2919_9.2	RP	pos	9.2	645.2919			4		0.91954	0.97060	0.26	0.28	0.05	0.40	0.40	-0.02	0.53314	0.91295	0.30	0.49	0.53	0.33	0.33	-0.03	-0.16			
RPpos_645.2921_9.39	RP	pos	9.39	645.2921			4		0.57291	0.81568	0.34	0.47	0.14	0.41	0.48	0.06	0.40458	0.85969	0.40	0.33	0.87	0.14	0.45	0.18	-0.18			
RPpos_645.2922_11.53	RP	pos	11.53	645.2922			4		0.55085	0.80400	0.35	0.59	0.19	0.38	0.47	-0.11	0.11171	0.59419	0.73	1.60	1.19	0.52	1.05	0.05	-0.14			
RPneg_645.36121_11.497	RP	neg	11.497	645.3612			4		0.69711	0.87607	0.02	0.17	0.18	0.04	0.20	-0.26	0.00453	0.14061	0.79	0.68	0.77	0.69	0.91	0.72	0.63			
RPpos_645.3815_10.47	RP	pos	10.47	645.3815			4		0.47255	0.76257	0.19	0.01	0.66	-0.07	0.48	0.65	0.60087	0.92816	-0.11	-0.15	-0.08	-0.11	0.01	-0.25	-0.03			
RPpos_645.3886_7.28	RP	pos	7.28	645.3886			4		0.36802	0.68466	-0.28	-0.32	1.02	-0.19	-0.41	0.45	0.22157	0.73822	-0.42	-0.27	-0.10	0.36	-0.23	-0.44	-0.45			
RPpos_645.4973_11.42	RP	pos	11.42	645.4973			4		0.56790	0.81298	-0.13	-0.02	-0.18	-0.06	0.03	-0.22	0.05621	0.46838	-0.50	-0.56	-0.49	-0.53	-0.48	-0.35	-0.54			
RPpos_645.512_12.48	RP	pos	12.48	645.5120			4		0.44711	0.74237	-0.17	-0.12	-0.25	-0.19	0.37	0.54	0.90404	0.98615	-0.09	0.03	0.23	0.04	-0.18	-0.32	-0.07			
RPpos_645.688_11.16	RP	pos	11.16	645.6880			4		0.59212	0.82492	-0.18	-0.37	0.85	-0.06	-0.54	0.57	0.84419	0.97670	-0.08	-0.15	-0.05	-0.08	0.25	-0.42	-0.02			
HILICpos_646.0226_0.45	HILIC	pos	0.45	646.0226			4		0.53365	0.79545	0.15	0.04	1.13	-0.04	0.27	0.66	0.88000	0.98264	-0.06	0.19	-0.02	-0.09	-0.01	-0.09	-0.20			
RPpos_646.0227_11.16	RP	pos	11.16	646.0227			4		0.70003	0.87734	-0.13	-0.25	1.02	-0.16	-0.38	0.65	0.67706	0.94718	-0.15	-0.25	-0.05	-0.14	0.26	-0.48	-0.14			
HILICneg_646.052_0.48	HILIC	neg	0.48	646.0520			4		0.27040	0.60669	0.31	0.38	0.30	0.31	0.46	0.52	0.00679	0.17411	-0.84	-0.87	-0.82	-0.75	-0.80	-0.95	-0.50			
RPneg_646.25146_9.174	RP	neg	9.174	646.2515			4		0.00003	0.00919	0.66	-0.01	1.24	0.71	0.78	0.73	0.05500	0.46349	0.32	-0.18	0.81	0.44	0.31	0.34	-0.57			
HILICpos_646.3096_1.49	HILIC	pos	1.49	646.3096			4		0.99045	0.99648	0.07	-0.03	0.87	0.09	-0.04	-0.36	0.00306	0.11113	0.66	0.59	0.64	1.23	1.08	0.24	-0.70			
RPneg_646.31885_8.751	RP	neg	8.751	646.3189			4		0.00330	0.11850	0.15	0.16	0.32	0.09	0.19	0.12	0.56596	0.92078	-0.07	-0.16	-0.09	-0.04	-0.07	-0.03	-0.07			
RPneg_646.32178_8.633	RP	neg	8.633	646.3218			4		0.96778	0.98827	0.07	0.09	0.13	0.03	0.16	0.0												

Feature_ID	Mode	Ionization	Average_Rt.min	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
HILICpos_650.2791_1.58	HILIC	pos	1.58	650.2791			4		0.9195	0.9706	0.04	0.01	0.59	0.05	0.21	-0.25	0.00190	0.08398	0.81	0.30	0.67	1.01	2.68	0.23	-0.14			
RPpos_650.3666_10.95	RP	pos	10.95	650.3666			4		0.8425	0.94101	-0.08	-0.17	0.84	-0.08	-0.16	0.60	0.65957	0.94217	-0.15	-0.26	0.11	-0.04	-0.08	-0.52	-0.30			
HILICpos_650.3674_0.44	HILIC	pos	0.44	650.3674			4		0.35975	0.67830	-0.23	-0.38	0.82	-0.30	-0.28	0.45	0.54327	0.91507	-0.18	-0.20	0.03	-0.24	0.14	-0.46	-0.39			
RPpos_650.3704_10.52	RP	pos	10.52	650.3704			4		0.60307	0.83062	-0.15	-0.26	0.79	-0.11	-0.14	0.48	0.35583	0.83381	-0.24	-0.21	-0.06	-0.09	-0.01	-0.58	-0.47			
HILICpos_650.3771_0.84	HILIC	pos	0.84	650.3771			4		0.51358	0.78440	0.19	0.05	0.68	0.19	0.38	0.19	0.39	0.97236	0.94222	-0.10	-0.16	-0.02	-0.27	0.13	-0.17			
RPpos_650.4064_9.94	RP	pos	9.94	650.4064			4		0.25579	0.59409	-0.17	0.65	-0.41	0.21	0.37	0.52	0.68564	0.94888	0.23	-0.22	0.07	0.08	0.37	-0.27	-0.15			
RPpos_650.4139_7.2	RP	pos	7.2	650.4139			4		0.60715	0.83260	-0.19	-0.13	1.01	-0.04	-0.29	0.31	0.29861	0.80069	-0.35	-0.24	-0.02	-0.29	-0.11	-0.52	-0.45			
RPpos_650.4316_6.98	RP	pos	6.98	650.4316			4		0.24422	0.58521	-0.32	-0.14	0.68	-0.19	-0.12	0.04	0.58949	0.92655	-0.22	-0.37	-0.01	-0.04	0.25	-0.60	-0.42			
RPneg_650.45807_11.545	RP	neg	11.545	650.4581			4		0.19495	0.54005	-0.30	-0.17	-0.03	0.17	0.01	0.07	0.98854	0.99810	0.03	0.08	-0.38	-0.38	0.14	0.41	0.70			
RPpos_650.4595_10.58	RP	pos	10.58	650.4595			4		0.40947	0.71503	-0.14	-0.06	0.20	0.17	-0.12	-0.24	0.18994	0.70521	-0.72	0.16	-0.89	-1.25	-0.54	-0.30	0.32			
RPpos_650.475_11.77	RP	pos	11.77	650.4750			4		0.87726	0.95405	-0.04	-0.22	0.02	-0.01	0.36	-0.41	0.43410	0.87551	-0.03	-0.27	-0.07	0.15	0.04	0.18	-0.37			
RPpos_650.701_10.95	RP	pos	10.95	650.7010			4		0.89570	0.96214	-0.06	-0.33	0.88	-0.07	-0.09	0.53	0.73773	0.95893	-0.11	-0.20	0.07	-0.06	0.10	-0.43	-0.19			
RPpos_651.0088_11.59	RP	pos	11.59	651.0088			4		0.73105	0.89084	0.04	-0.21	0.74	-0.26	0.25	0.39	0.72564	0.95609	-0.16	-0.34	-0.11	-0.03	0.06	-0.28	-0.14			
RPpos_651.0318_10.95	RP	pos	10.95	651.0318			4		0.81839	0.93081	0.03	-0.36	1.17	0.20	-0.03	0.29	0.54112	0.91464	-0.19	-0.29	-0.02	-0.12	-0.07	-0.35	-0.37			
RPpos_651.1204_11.47	RP	pos	11.47	651.1204			4		0.27293	0.60896	-0.45	-0.29	-0.36	0.61	-0.12	0.10	0.36508	0.83811	0.10	-0.06	-0.11	0.06	0.38	0.42	0.20			
RPpos_651.1315_11.27	RP	pos	11.27	651.1315			4		0.67596	0.86524	-0.12	-0.21	0.47	-0.06	0.01	0.51	0.80521	0.97005	-0.14	0.03	-0.12	0.05	0.20	-0.61	-0.22			
RPpos_651.13405_11.59	RP	pos	11.59	651.13405			4		0.50801	0.78116	0.15	-0.36	0.65	0.28	0.08	0.54	0.78810	0.92331	-0.20	-0.17	-0.41	0.05	0.01	-0.45	-0.06			
RPpos_651.16749_11.59	RP	pos	11.59	651.16749			4		0.86203	0.94834	0.01	-0.43	0.53	0.16	0.21	0.47	0.54816	0.91689	-0.21	-0.13	-0.36	-0.13	0.09	-0.45	-0.14			
HILICneg_652.1305_0.48	HILIC	neg	0.48	652.1305			4		0.05705	0.36031	0.47	0.47	0.32	0.61	0.47	0.85	0.01470	0.25818	-0.83	-0.82	-0.22	-0.79	-0.86	-0.73	-0.48			
RPpos_652.1888_9.96	RP	pos	9.96	652.1888			4		0.67211	0.86534	0.11	-0.06	-0.43	0.02	0.65	-0.68	0.68840	0.94962	-0.15	0.24	0.54	-1.25	-0.56	0.76	-0.04			
HILICneg_652.2243_1.91	HILIC	neg	1.91	652.2243			4		0.58922	0.82348	-0.17	-0.79	0.26	0.40	0.46	-0.17	0.11481	0.59882	0.88	0.04	0.05	0.90	1.26	0.75	-0.20			
RPneg_652.29089_10.569	RP	neg	10.569	652.2909			4		0.00267	0.10630	-0.55	-0.07	-0.19	-0.40	-0.32	-0.39	0.67487	0.94679	0.19	0.14	0.14	0.19	0.32	0.25	-0.01			
RPneg_652.29498_10.057	RP	neg	10.057	652.2950			4		0.43604	0.73431	-0.12	0.06	0.02	0.03	-0.05	-0.14	0.76536	0.96353	0.15	0.04	0.21	-0.22	0.46	0.34	0.20			
HILICpos_652.3283_4.6	HILIC	pos	4.6	652.3283			4		0.48254	0.76589	0.18	0.09	0.80	0.29	0.25	-0.27	0.02161	0.31072	0.35	0.17	0.39	0.47	0.82	0.06	-0.51			
RPpos_652.3503_10.95	RP	pos	10.95	652.3503			4		0.73800	0.89426	0.04	-0.12	1.02	-0.07	0.04	0.69	0.22785	0.74490	-0.39	-0.48	-0.27	-0.30	-0.43	-0.41	0.02			
RPpos_652.3569_9.09	RP	pos	9.09	652.3569			4		0.72719	0.88890	0.11	0.06	0.54	0.05	0.31	0.96	0.42315	0.86996	-0.25	-0.23	-0.01	-0.24	-0.23	-0.64	-0.31			
HILICpos_652.3572_0.42	HILIC	pos	0.42	652.3572			4		0.96050	0.98600	0.04	-0.05	0.50	0.18	0.14	0.88	0.67936	0.94725	-0.15	-0.20	0.04	-0.20	-0.13	-0.15	-0.61			
HILICpos_652.4103_0.62	HILIC	pos	0.62	652.4103			4		0.17526	0.52072	-0.34	-0.14	0.44	-0.32	-0.28	0.17	0.00934	0.20585	-0.41	-0.36	-0.20	-0.53	-0.12	-0.07	-0.38			
RPpos_652.4106_5.55	RP	pos	5.55	652.4106			4		0.30845	0.63711	-0.28	-0.03	0.62	-0.34	-0.34	0.29	0.00176	0.07964	-0.43	-0.30	-0.21	-0.53	-0.16	-0.13	-0.51			
RPpos_652.6841_10.95	RP	pos	10.95	652.6841			4		0.60839	0.83311	-0.15	-0.34	0.93	-0.38	-0.02	0.51	0.52336	0.90917	-0.18	-0.28	0.19	-0.13	-0.41	-0.35	0.11			
RPpos_652.8475_10.52	RP	pos	10.52	652.8475			4		0.77269	0.91041	-0.09	-0.18	0.69	-0.08	-0.15	0.73	0.30303	0.80384	-0.28	-0.20	-0.12	-0.09	-0.18	-0.67	-0.39			
HILICneg_653.1501_0.48	HILIC	neg	0.48	653.1501			4		0.13467	0.47388	0.38	0.36	0.46	0.32	0.38	0.78	0.10726	0.58531	-0.64	-0.65	-0.63	-0.66	-0.65	-0.53	-0.46			
RPneg_653.224_8.95	RP	neg	8.95	653.2240			4		0.08662	0.69907	0.40	-0.72	0.75	0.19	0.48	-0.15	0.13834	0.63846	0.81	0.80	0.00	1.34	0.31	0.78	0.07			
RPpos_653.3702_7.08	RP	pos	7.08	653.3702			4		0.65936	0.87543	-0.11	-0.34	0.58	0.07	-0.23	0.30	0.83872	0.97596	0.01	0.03	0.23	0.33	0.06	-0.93	-0.17			
RPpos_653.372_6.67	RP	pos	6.67	653.3720			4		0.91305	0.96804	0.01	0.61	0.26	0.38	-0.04	0.51	0.75575	0.96233	0.01	-0.10	0.02	0.47	0.01	-0.44	-0.28			
RPpos_653.8104_11.27	RP	pos	11.27	653.8104			4		0.59269	0.82527	-0.11	0.31	0.71	-0.34	0.02	0.44	0.81591	0.97209	-0.14	-0.07	0.00	0.14	-0.33	-0.56	-0.05			
RPneg_654.23407_10.23	RP	neg	10.23	654.2341			4		0.79358	0.91970	-0.03	0.16	0.30	-0.19	0.20	0.49	0.73892	0.95923	0.05	-0.07	-0.09	0.14	-0.01	0.32	0.07			
RPneg_654.29486_10.659	RP	neg	10.659	654.2949			4		0.02051	0.25911	-0.46	-0.29	0.21	-0.44	-0.58	-0.35	0.37281	0.84231	0.11	0.47	-0.03	0.13	0.10	0.06	0.02			
RPneg_654.30237_9.839	RP	neg	9.839	654.3024			4		0.17346	0.51891	-0.21	0.11	-0.22	-0.13	-0.10	-0.28	0.68353	0.94838	-0.08	0.20	-0.24	-0.06	0.06	-0.05	-0.07			
RPneg_654.30243_9.965	RP	neg	9.965	654.3024			4		0.17891	0.52425	-0.24	-0.06	-0.03	-0.16	-0.07	-0.29	0.92937	0.98969	0.01	0.00	0.11	0.04	0.06	0.10	-0.13			
RPneg_654.30646_10.78	RP	neg	10.78	654.3065			4		0.01668	0.23842	-0.43	0.01	-0.13	-0.32	-0.25	-0.45	0.20780	0.72383	-0.01	0.13	-0.03	-0.02	0.11	-0.05	-0.16			
RPpos_654.3067_10.37	RP	pos	10.37	654.3067			4		0.03179	0.29859	-0.34	-0.02	-0.02	-0.30	-0.01	-0.23	0.93748	0.99028	0.10	0.32	-0.08	0.23	0.25	0.22	-0.41			
RPneg_654.30743_10.894	RP	neg	10.894	654.3074			4		0.01475	0.22828	-0.64	0.09	-0.12	-0.38	-1.00	-0.34	0.50264	0.90295	0.03	0.20	-0.09	-0.01	0.19	0.17	-0.14			
HILICpos_654.3302_0.37	HILIC	pos	0.37	654.3302			4		0.52168	0.78871	-0.21	0.03	-0.54	0.35	1.20	-0.11	0.44165	0.87936	-0.15	-0.03	-0.35	-0.52	0.31	0.32	-0.12			
RPpos_654.3303_10.49	RP	pos	10.49	654.3303			4		0.87309	0.95263	-0.06	0.02	-0.62	0.57	1.25	0.23	0.33019	0.82049	-0.19	-0.17	-0.59	-0.22	0.01	0.26	-0.20			
HILICpos_654.3314_1.06	HILIC	pos	1.06	654.3314			4		0.97078	0.98887	0.01	0.29	0.17	0.19	0.36	-0.44	0.15186	0.65756	0.40	-0.73	0.14	0.42	0.58	0.33	0.00			
RPpos_655.045_10.72	RP	pos	10.72	655.0450			4		0.93546	0.97680	-0.02	-0.35	0.81	0.02	0.04	0.52	0.35891	0.83441	-0.25	-0.26	0.17	-0.22	0.08	-0.54	0.21			
RPpos_655.119_10.54	RP	pos	10.54	655.1190			4		0.86357	0.94909	0.09	-0.06	0.40	-0.01	0.12	0.51	0.49775	0.90072	-0.36	0.45	-0.60	0.27	-0.18	-0.58	1.34			
RPpos_655.2008_7.35	RP	pos	7.35	655.2008			4		0.07658	0.39745	-0.30	-0.12	0.32	-0.30	-0.48	0.76	0.25055	0.76696	0.34	0.13	0.32	0.18	0.46	0.36	0			

Feature_ID	Cneg	Mode	Ionization	Average Rt.min.	Average Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																			
										Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0				
										Baseline			IV-ASA		BrAC=0		Baseline			Post-LD		IV-AC		Post-AC		BrAC=0													
										p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d											
HILIC	neg	1.37	676.3035				4		0.23955	0.58092	-0.38	-0.08	-0.59	0.27	-0.24	0.14	0.48962	0.89836	-0.17	0.19	-0.60	0.04	0.03	-0.20	-0.53														
RPpos	pos	11.83	676.3484				4		0.69638	0.87566	0.07	-0.13	0.65	-0.11	0.19	0.61	0.76704	0.96401	-0.13	-0.23	-0.11	-0.09	0.05	-0.27	-0.20														
HILICpos	pos	0.42	676.4460				4		0.50735	0.78065	0.21	0.41	0.48	0.25	0.36	0.07	0.46290	0.88657	-0.26	0.05	-0.06	-0.35	-0.33	-0.41	0.17														
RPpos	pos	11.86	676.4915				4		0.72893	0.89663	0.13	0.17	0.50	0.26	0.19	0.02	0.73473	0.95858	0.15	-0.11	-0.05	0.17	0.17	1.23	0.27														
RPpos	pos	11.83	676.6810				4		0.78023	0.91391	0.07	-0.12	0.01	0.07	-0.19	0.09	0.69060	0.93988	-0.18	0.01	-0.22	0.05	-0.11	-0.64	-0.38														
RPpos	pos	5.73	677.0056				4		0.57790	0.67619	-0.29	-0.25	-0.18	0.08	0.22	-0.05	0.66520	0.94388	0.03	0.33	0.15	0.16	0.32	0.01															
RPneg	neg	7.356	677.2130				4		0.02556	0.27934	-0.34	-0.15	0.23	-0.40	-0.38	0.73	0.06559	0.49511	0.41	0.01	0.22	-0.16	0.91	0.94	0.09														
RPneg	neg	11.491	677.3003				4		0.54039	0.79830	0.07	0.16	0.22	0.01	0.38	-0.35	0.03225	0.37117	0.65	0.43	0.56	0.56	0.82	0.66	0.34														
RPpos	pos	11.73	677.3203				4		0.39280	0.70316	0.44	0.60	0.33	0.42	0.59	-0.18	0.07931	0.52842	0.87	1.16	0.63	1.20	1.17	0.30	-0.09														
RPpos	pos	5.73	677.3403				4		0.25027	0.58921	-0.13	-0.21	-0.21	-0.02	0.22	0.01	0.59400	0.92734	0.09	0.04	-0.07	0.24	0.73	-0.03	-0.26														
RPpos	pos	12.38	677.5575				4		0.51744	0.78678	-0.14	0.45	-0.05	-0.21	0.12	-0.20	0.01916	0.29304	-0.43	-0.28	-0.13	-0.76	-0.40	-0.21	-0.66														
RPpos	pos	11.83	677.6655				4		0.45674	0.74857	0.11	-0.15	1.04	-0.02	0.01	0.35	0.64070	0.93638	-0.20	-0.21	-0.32	-0.41	0.03	-0.21	0.07														
RPpos	pos	11.05	677.8087				4		0.23029	0.57179	0.56	0.26	0.49	0.86	0.37	0.21	0.79589	0.96826	-0.14	-0.05	0.49	0.00	-0.02	-0.58	0.85														
RPpos	pos	11.05	678.1438				4		0.53703	0.79711	0.28	0.48	0.41	0.37	0.17	0.08	0.73388	0.95858	-0.22	0.30	0.08	0.31	-0.33	-0.53	0.56														
RPneg	neg	10.712	678.3095				4		0.04665	0.33913	-0.39	-0.17	-0.23	-0.28	-0.06	-0.22	0.28385	0.79232	-0.04	0.35	-0.07	-0.12	0.21	-0.09	-0.28														
HILICpos	pos	2.03	678.3323				4		0.20767	0.55090	0.25	0.11	0.86	0.19	0.29	-0.12	0.00572	0.15908	0.54	0.13	0.50	1.01	0.69	0.39	-0.23														
HILICpos	pos	0.62	678.5058				4		0.70867	0.88110	-0.11	0.19	0.02	-0.23	0.22	0.06	0.22429	0.74096	-0.30	-0.31	-0.23	-0.45	-0.09	-0.41	-0.62														
RPpos	pos	12.22	678.5065				4		0.67352	0.86394	-0.11	0.13	-0.06	-0.14	0.15	-0.11	0.25893	0.77346	-0.30	-0.35	-0.28	-0.27	-0.16	-0.34	-0.65														
RPneg	neg	8.675	679.1511				4		0.41263	0.71756	-0.26	0.12	0.55	0.10	0.52	0.21	0.08268	0.53598	-0.28	0.12	0.53	1.89	0.79	-0.09	-0.58														
RPneg	neg	8.596	679.1522				4		0.18868	0.53491	-0.44	-0.06	-0.21	0.07	0.70	0.05	0.18699	0.70221	-0.13	0.11	0.14	0.14	0.09	-0.38	-0.55														
RPneg	neg	9.653	679.1898				4		0.42297	0.72491	-0.30	0.05	0.56	0.46	0.63	0.31	0.22205	0.73863	-0.26	0.11	0.24	-0.30	0.37	1.22	-0.82														
RPneg	neg	5.548	679.3751				4		0.68556	0.87027	-0.15	0.09	0.60	-0.08	-0.14	0.27	0.00039	0.03117	-0.46	-0.43	-0.12	-0.44	-0.12	-0.14	-0.57														
RPpos	pos	10.18	679.3996				4		0.66098	0.85799	-0.08	0.24	0.43	0.12	0.11	0.67	0.21888	0.73540	-0.14	-0.25	0.01	-0.19	0.02	-0.30	-0.17														
RPpos	pos	7.25	679.4122				4		0.70624	0.88014	-0.09	-0.27	0.56	-0.11	-0.10	0.32	0.71513	0.95379	0.05	0.12	0.05	0.21	0.06	-0.50	-0.04														
RPpos	pos	10.7	679.4770				4		0.92850	0.97447	0.05	0.23	0.18	-0.05	0.45	0.09	0.84961	0.97748	-0.15	0.01	0.08	-0.14	-0.43	-0.20	0.60														
RPpos	pos	10.94	679.7147				4		0.89698	0.96255	0.00	-0.34	1.08	0.11	-0.15	0.25	0.89991	0.98550	-0.04	-0.22	0.19	0.02	-0.07	-0.20	-0.19														
RPpos	pos	10.94	680.0510				4		0.97703	0.99097	-0.03	-0.12	0.67	-0.04	-0.01	0.52	0.46183	0.88613	-0.21	-0.22	0.06	-0.22	-0.07	-0.58	-0.25														
RPneg	neg	5.502	680.3143				4		0.86188	0.94832	0.04	0.01	0.19	0.93	0.07	0.44	0.28800	0.79407	0.45	0.61	0.69	0.43	0.65	0.15	-0.18														
RPneg	neg	10.228	680.3156				4		0.00864	0.18262	-0.49	-0.33	-0.35	-0.48	-0.12	-0.38	0.17416	0.68828	-0.08	0.05	0.00	-0.18	0.12	-0.08	-0.23														
RPneg	neg	10.126	680.3206				4		0.02002	0.25728	-0.38	-0.35	-0.30	-0.27	-0.16	-0.44	0.76114	0.96260	0.09	0.18	-0.07	0.44	0.09	0.20	-0.53														
HILICpos	pos	0.66	680.3473				4		0.39886	0.70798	-0.32	-0.15	-0.23	-0.39	0.05	-0.34	0.07382	0.51671	-0.30	-0.10	-0.20	-0.50	-0.10	-0.35	-0.27														
RPneg	neg	6.292	680.3496				4		0.91700	0.96979	0.00	0.02	0.98	-0.12	0.20	-0.34	0.01846	0.28944	0.51	0.55	0.43	0.90	1.88	0.08	-0.97														
RPpos	pos	11.57	680.3577				4		0.89632	0.96218	-0.06	-0.23	0.82	-0.24	0.02	0.36	0.73142	0.95787	-0.15	-0.19	-0.09	-0.04	0.47	-0.70	-0.20														
HILICpos	pos	0.42	680.3622				4		0.28084	0.93204	-0.09	-0.31	0.68	-0.07	0.03	0.84	0.62385	0.93343	-0.20	-0.13	-0.11	-0.21	0.02	-0.38	-0.35														
RPpos	pos	11.03	680.3625				4		0.66167	0.85808	-0.14	-0.39	0.82	-0.08	-0.15	0.59	0.59150	0.92661	-0.19	-0.14	0.01	-0.15	0.12	-0.60	-0.34														
RPpos	pos	10.94	680.3834				4		0.90917	0.96631	-0.07	-0.33	1.09	-0.04	-0.21	0.30	0.67221	0.94598	-0.12	-0.30	0.17	-0.15	-0.02	-0.44	-0.22														
RPpos	pos	11.36	680.3846				4		0.29368	0.62546	0.08	0.09	0.38	0.37	-0.25	0.32	0.22481	0.74161	0.16	0.28	0.34	0.22	0.02	0.33	-0.48														
RPpos	pos	5.89	680.4078				4		0.35148	0.67155	-0.25	0.52	-0.10	0.04	-0.12	-0.20	0.25740	0.77279	-0.29	-0.47	-0.16	-0.62	-0.27	0.41	-0.30														
RPpos	pos	7.28	680.4257				4		0.44719	0.74239	-0.25	-0.23	1.03	-0.23	-0.31	0.44	0.27247	0.78302	-0.38	-0.24	-0.07	-0.30	0.20	-0.47	-0.46														
HILICpos	pos	0.5	680.4265				4		0.35190	0.67184	-0.28	-0.21	0.87	-0.23	-0.34	0.23	0.28343	0.79201	-0.37	-0.25	-0.06	-0.36	0.03	-0.48	-0.45														
RPpos	pos	13.42	680.4791				4		0.33113	0.65526	-0.28	-0.13	-0.54	0.62	0.15	0.38	0.57607	0.92304	0.12	0.15	0.02	0.40	-0.42	0.25	0.35														
HILICpos	pos	0.71	680.9235				4		0.45224	0.74541	0.11	0.27	0.28	0.05	0.18	0.57	0.07792	0.52501	-0.02	-0.12	-0.05	-0.21	0.07	0.34	-0.20														
RPpos	pos	12.44	681.0015				4		0.53515	0.79621	0.13	-0.03	0.97	0.00	-0.01	0.76	0.44988	0.88150	-0.29	0.10	-0.47	-0.58	0.09	-0.70	-0.13														
RPpos	pos	11.57	681.0234				4		0.71165	0.88233	0.07	-0.26	0.71	-0.15	0.42	0.41	0.79160	0.96742	-0.12	-0.29	-0.03	-0.10	0.29	-0.43	-0.10														
RPneg	neg	10.509	681.2951				4		0.71904	0.88548	-0.12	-0.01	-0.54	0.64	1.12	0.06	0.24679	0.76279	-0.23	-0.10	-0.62	-0.36	-0.08	0.32	-0.26														
RPpos	pos	8.4	681.2989				4		0.36922	0.68563	-0.10	-0.20	0.88	-0.11	-0.35	0.05	0.50446	0.90327	-0.29	0.14	0.36	-0.28	0.46	0.29	-0.14														
RPpos	pos	12.44	681.6688				4		0.43353	0.73239																													

										IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																			
										IV-Ghrelin or Placebo					BrAC=0					IV-Ghrelin or Placebo					BrAC=0														
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)																														
									Area Under the Curve (AUC)			Baseline		IV-ASA		BrAC=0			Area Under the Curve (AUC)			Baseline		Post-LD		IV-AC			Post-AC		BrAC=0								
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d			
RPpos_685_7047_11.34	RP	pos	11.34	685.7047			4	685.7047	0.64513	0.84984	-0.13	-0.45	0.49	-0.25	-0.10	1.00	0.60885	0.92983	-0.16	-0.23	-0.01	-0.17	-0.19	-0.43	0.07														
RPpos_685_8802_10.51	RP	pos	10.51	685.8802			4	685.8802	0.42012	0.72320	-0.20	-0.19	0.97	-0.13	-0.33	0.12	0.46515	0.88764	-0.21	-0.42	0.14	-0.06	0.07	-0.66	-0.26														
RPpos_686_0111_12.1	RP	pos	12.1	686.0110			4	686.0110	0.63324	0.84443	0.06	-0.02	0.70	0.05	0.00	0.51	0.51405	0.90648	-0.22	-0.14	-0.19	-0.13	-0.09	-0.57	-0.22														
RPneg_686_24591_10.06	RP	neg	10.06	686.2459			4	686.2459	0.24063	0.58166	-0.19	0.04	0.08	-0.09	-0.10	-0.21	0.87541	0.98217	0.05	0.06	-0.03	0.02	0.28	0.10	0.14														
RPneg_686_29442_8.823	RP	neg	8.823	686.2944			4	686.2944	0.05351	0.33065	-0.35	-0.18	-0.20	-0.33	-0.24	-0.64	0.02586	0.33862	-0.16	-0.25	-0.11	-0.54	0.05	0.07	-0.20														
RPpos_686_3435_11.1	RP	pos	11.1	686.3435			4	686.3435	0.54432	0.80053	-0.11	-0.11	0.94	-0.12	0.35	0.39	0.55691	0.81883	-0.21	-0.35	0.11	-0.02	-0.03	-0.45	-0.15														
RPpos_686_6765_12.1	RP	pos	12.1	686.6765			4	686.6765	0.52707	0.79176	0.14	-0.18	0.62	0.06	0.37	0.38	0.35375	0.83300	-0.28	-0.29	-0.24	-0.27	0.30	-0.62	-0.26														
RPpos_686_8431_11.25	RP	pos	11.25	686.8431			4	686.8431	0.88159	0.95613	0.02	-0.02	0.43	0.00	0.28	-0.05	0.91362	0.98749	0.00	-0.42	0.38	0.20	0.42	-0.57	-0.41														
RPneg_687_10522_9.305	RP	neg	9.305	687.1052			4	687.1052	0.38081	0.69511	-0.24	0.92	0.14	0.09	-0.36	0.70	0.51388	0.90648	-0.16	-0.23	-0.47	-0.20	0.31	-0.25	-1.39														
RPneg_687_27948_10.392	RP	neg	10.392	687.2795			4	687.2795	0.01013	0.19617	-0.31	-0.08	-0.28	-0.19	0.11	-0.32	0.98907	0.99810	0.16	0.10	0.22	0.01	0.45	0.23	-0.23														
HLICpos_687_3766_0.43	HLIC	pos	0.43	687.3766			4	687.3766	0.36971	0.68607	-0.24	-0.54	0.76	-0.29	-0.33	0.47	0.49826	0.90072	-0.21	-0.19	0.03	-0.09	0.07	-0.53	-0.53														
RPpos_687_3771_10.79	RP	pos	10.79	687.3771			4	687.3771	0.81041	0.92734	-0.09	-0.17	1.06	0.01	-0.21	0.51	0.66220	0.94273	-0.15	-0.23	-0.01	-0.11	0.15	-0.44	-0.27														
HLICpos_687_4338_0.75	HLIC	pos	0.75	687.4338			4	687.4338	0.00047	0.04061	-0.86	-0.12	0.17	-0.95	-1.01	0.23	0.24203	0.75854	-0.37	-0.44	0.15	-0.42	-0.48	0.10	-0.61														
RPneg_687_54205_12.75	RP	neg	12.75	687.5421			4	687.5421	0.02937	0.29093	-0.59	0.60	-0.16	-0.80	-0.11	-0.39	0.30186	0.80313	-0.16	0.25	-0.38	-0.23	-0.20	-0.36	-0.50														
RPpos_687_5428_12.04	RP	pos	12.04	687.5428			4	687.5428	0.00689	0.16370	-0.52	0.05	-0.54	-0.74	-0.04	-0.18	0.28479	0.79289	-0.21	-0.04	0.19	-0.33	-0.06	-0.53	-0.49														
RPpos_688_1471_10.94	RP	pos	10.94	688.1471			4	688.1471	0.62655	0.84170	0.24	-0.16	0.50	0.43	0.18	0.11	0.53375	0.91313	-0.29	0.02	0.07	-0.48	-0.51	-0.34	0.16														
HLICpos_688_1702_4.07	HLIC	pos	4.07	688.1702			4	688.1702	0.15434	0.49697	-0.17	0.23	0.67	-0.08	-0.69	-0.59	0.60555	0.92920	0.15	-0.02	0.63	0.21	0.18	-0.12	-0.45														
RPneg_688_29254_10.634	RP	neg	10.634	688.2925			4	688.2925	0.00756	0.17063	-0.26	-0.02	-0.19	-0.09	0.06	-0.42	0.81799	0.97238	0.18	0.10	0.28	0.19	0.15	0.26	0.01														
RPpos_688_3144_5.58	RP	pos	5.58	688.3144			4	688.3144	0.14653	0.48795	0.16	0.03	0.28	0.14	0.24	0.52	0.89262	0.98433	-0.05	-0.13	0.11	-0.02	0.18	-0.18	-0.22														
HLICpos_688_3149_0.84	HLIC	pos	0.84	688.3149			4	688.3149	0.52843	0.79251	0.19	0.42	0.93	0.63	0.05	-0.19	0.07426	0.51692	0.90	0.55	0.55	0.63	1.88	0.02	-0.46														
RPpos_688_3389_11.49	RP	pos	11.49	688.3389			4	688.3389	0.59918	0.82804	0.10	-0.14	0.87	0.06	0.15	0.07	0.40857	0.86241	-0.30	-0.09	-0.30	-0.23	0.06	-0.57	-0.30														
HLICpos_688_392_0.57	HLIC	pos	0.57	688.3920			4	688.3920	0.65601	0.81162	0.14	-0.24	0.52	0.06	0.40	-0.02	0.48428	0.89681	0.12	0.04	-0.04	-0.01	0.30	0.18	0.07														
RPpos_688_396_8.48	RP	pos	8.48	688.3960			4	688.3960	0.30567	0.63452	0.22	-0.14	0.62	0.24	0.28	0.09	0.60093	0.92810	0.13	-0.06	0.30	0.07	0.21	-0.15	0.16														
RPpos_688_4105_6.64	RP	pos	6.64	688.4105			4	688.4105	0.92460	0.97276	0.03	0.10	0.22	0.04	0.06	0.25	0.63659	0.93602	0.22	0.10	0.06	0.00	1.07	-0.56	0.10														
RPpos_688_5205_10.47	RP	pos	10.47	688.5205			4	688.5205	0.71684	0.88469	-0.20	0.20	0.01	0.07	0.17	-0.25	0.64957	0.93921	-0.17	-0.43	0.04	0.24	-0.09	-0.72	-0.10														
RPpos_689_4117_7.36	RP	pos	7.36	689.4117			4	689.4117	0.45837	0.74992	-0.24	-0.20	1.02	-0.20	-0.26	0.42	0.23448	0.75207	-0.37	-0.25	-0.02	-0.31	-0.19	-0.44	-0.49														
RPneg_689_48975_11.445	RP	neg	11.445	689.4898			4	689.4898	0.60470	0.83165	-0.13	0.12	0.04	-0.25	0.00	-0.11	0.03900	0.40252	-0.52	-0.58	-0.45	-0.52	-0.40	-0.52	-0.63														
HLICpos_689_5583_0.92	HLIC	pos	0.92	689.5583			4	689.5583	0.08294	0.40798	-0.41	0.38	-0.54	-0.76	0.27	-0.07	0.09126	0.55651	-0.24	-0.05	-0.08	-0.24	-0.24	-0.22	-0.38														
HLICpos_689_5585_0.87	HLIC	pos	0.87	689.5585			4	689.5585	0.59283	0.82533	-0.14	0.55	-0.16	-0.42	0.36	-0.08	0.15939	0.66816	-0.22	-0.07	0.03	-0.33	-0.15	-0.17	-0.39														
HLICpos_689_7141_0.46	HLIC	pos	0.46	689.7141			4	689.7141	0.15762	0.50078	0.21	-0.16	1.09	0.19	0.07	0.75	0.99098	0.99855	-0.05	0.07	-0.09	0.17	0.28	-0.50	-0.48														
RPpos_689_7162_11.14	RP	pos	11.14	689.7162			4	689.7162	0.75064	0.90069	0.05	-0.29	0.72	0.01	0.13	0.71	0.60300	0.92874	-0.16	-0.21	0.05	-0.21	-0.04	-0.41	-0.20														
RPpos_689_854_10.79	RP	pos	10.79	689.8540			4	689.8540	0.75899	0.90482	-0.09	-0.36	0.69	-0.11	0.16	0.15	0.54244	0.91492	-0.20	-0.29	0.18	-0.41	0.46	-0.58	-0.26														
HLICpos_690_0452_0.46	HLIC	pos	0.46	690.0452			4	690.0452	0.90422	0.96465	-0.06	0.29	0.44	-0.15	0.07	0.86	0.88800	0.98372	-0.04	-0.29	0.41	-0.12	0.10	-0.17	-0.68														
RPpos_690_047_11.14	RP	pos	11.14	690.0470			4	690.0470	0.72914	0.88963	0.06	-0.23	0.84	-0.25	-0.04	0.61	0.62159	0.93338	-0.16	-0.15	-0.12	0.10	0.05	-0.49	-0.25														

										IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)										IV-Ghrelin or Placebo										
									Baseline			IV-ASA			IV-Ghrelin or Placebo				Baseline			Post-LD			IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d
RPpos_696.6761_12.41	RP	pos	12.41	696.6761			4		0.42503	0.72647	0.13	0.10	0.70	0.15	0.09	0.46	0.41989	0.86793	-0.29	-0.05	-0.17	-0.29	0.16	-1.00	-0.44				
RPneg_696.77203_5.994	RP	neg	5.994	696.7720			4		0.14555	0.48366	-0.18	0.04	-0.05	-0.31	-0.17	-0.05	0.12581	0.61744	-0.37	-0.07	-0.35	0.06	-0.34	-0.64	-0.31				
HILICneg_696.773_6.38	HILIC	neg	6.38	696.7730			4		0.15733	0.50064	-0.20	0.08	-0.05	-0.32	-0.17	-0.10	0.10296	0.57751	-0.38	-0.09	-0.34	0.05	-0.32	-0.68	-0.33				
RPpos_696.8771_10.51	RP	pos	10.51	696.8771			4		0.36595	0.68307	-0.21	0.18	0.42	-0.21	-0.38	0.65	0.41735	0.86646	-0.25	-0.17	-0.17	-0.10	-0.09	-0.37	-0.47				
RPpos_697.0177_5.46	RP	pos	5.46	697.0177			4		0.37853	0.69334	-0.20	-0.08	0.78	0.08	0.17	0.50	0.34656	0.77665	-0.31	-0.11	-0.11	-0.31	0.14	-0.74	-0.33				
HILICpos_697.3376_1.88	HILIC	pos	1.88	697.3376			4		0.14987	0.49323	0.35	0.27	0.35	0.07	0.43	0.74	0.31453	0.81301	-0.18	0.16	-0.03	-0.12	0.18	-0.21	-0.31				
RPpos_697.3399_1.88	RP	pos	1.88	697.3399			4		0.70400	0.87908	0.05	0.13	0.57	0.10	0.54	0.21	0.51459	0.90649	-0.10	0.37	0.06	-0.36	0.51	-0.26	-0.46				
RPpos_697.351_11.56	RP	pos	11.56	697.3510			4		0.67976	0.86704	0.10	-0.29	0.81	-0.08	0.14	0.49	0.66385	0.94310	-0.17	-0.03	-0.35	-0.09	0.28	-0.31	-0.13				
HILICpos_697.3738_4.73	HILIC	pos	4.73	697.3738			4		0.48512	0.76764	0.18	0.55	0.63	0.11	0.16	-0.56	0.37110	0.84109	0.21	0.54	0.92	0.59	0.00	-0.27	-0.60				
RPpos_697.3982_6.78	RP	pos	6.78	697.3982			4		0.72305	0.88677	0.09	0.20	0.33	0.53	-0.01	1.01	0.74464	0.96070	-0.20	-0.16	0.66	-0.07	-0.71	-0.90	-0.25				
RPpos_697.3993_7.17	RP	pos	7.17	697.3993			4		0.44133	0.73821	-0.21	-0.37	0.63	-0.17	-0.41	0.16	0.84151	0.97647	0.02	0.21	0.14	0.39	-0.10	-0.83	-0.12				
RPpos_697.5247_12.15	RP	pos	12.15	697.5247			4		0.15341	0.49636	-0.31	0.51	-0.25	-0.64	0.11	-0.22	0.05930	0.47832	-0.37	-0.39	-0.18	-0.46	-0.29	-0.36	-0.44				
RPpos_697.6597_11.58	RP	pos	11.58	697.6597			4		0.84702	0.94286	0.07	0.32	0.12	0.18	0.13	-0.70	0.61350	0.93129	-0.03	0.56	0.00	0.08	-0.46	0.06	-0.05				
RPpos_697.8165_10.83	RP	pos	10.83	697.8165			4		0.80905	0.92685	0.13	0.20	0.39	0.33	0.00	0.32	0.33178	0.82167	-0.32	-0.01	0.08	-0.41	0.16	-0.76	0.74				
RPpos_698.256_13.64	RP	pos	13.64	698.2560			4		0.53142	0.79413	-0.22	-0.52	0.18	0.65	-0.30	0.29	0.97328	0.99690	-0.01	-0.35	-0.45	0.26	-0.04	0.12	0.54				
RPneg_698.27441_10.23	RP	neg	10.23	698.2744			4		0.01727	0.24161	-0.47	-0.24	-0.26	-0.55	-0.04	-0.39	0.42296	0.86986	0.07	0.25	0.14	0.06	0.24	0.10	-0.36				
RPneg_698.31812_10.781	RP	neg	10.781	698.3181			4		0.00619	0.15406	-0.51	0.00	-0.10	-0.46	-0.58	-0.40	0.35426	0.83323	-0.03	-0.09	-0.10	-0.03	0.07	0.03	-0.02				
HILICpos_698.3239_0.85	HILIC	pos	0.85	698.3239			4		0.36566	0.68294	-0.13	0.02	0.28	0.00	-0.07	0.01	0.59712	0.92780	0.00	0.26	0.35	-0.14	1.75	-0.32	-0.77				
RPneg_698.51111_13.418	RP	neg	13.418	698.5111			4		0.51984	0.82848	-0.20	0.10	-0.30	-0.13	0.04	-0.42	0.79761	0.96900	-0.12	0.64	-0.01	0.28	0.37	-0.66	-0.66				
HILICneg_698.5121_0.67	HILIC	neg	0.67	698.5121			4		0.48564	0.76790	-0.25	0.28	-0.15	-0.32	0.00	-0.44	0.39129	0.85200	0.33	0.40	0.24	0.40	0.42	0.18	-0.36				
RPpos_698.7866_6	RP	pos	6	698.7866			4		0.07433	0.39254	-0.24	0.09	-0.12	-0.39	-0.20	0.08	0.24347	0.75926	-0.31	0.16	0.12	-0.23	-0.49	-0.29	-0.21				
RPpos_699.0691_10.71	RP	pos	10.71	699.0691			4		0.67433	0.86419	0.13	0.14	0.92	0.17	0.17	0.03	0.24617	0.76221	-0.24	-0.48	-0.01	-0.28	-0.01	-0.37	-0.33				
RPneg_699.46387_11.191	RP	neg	11.191	699.4639			4		0.00213	0.09384	1.39	0.08	0.46	1.61	2.58	0.16	0.98808	0.99810	0.00	-0.19	0.37	-0.27	0.16	-0.02	-0.03				
RPpos_699.7131_11.34	RP	pos	11.34	699.7131			4		0.82262	0.93278	0.03	-0.23	0.60	-0.01	0.22	0.15	0.86860	0.98025	0.01	0.04	-0.02	-0.04	0.36	-0.42	0.06				
RPpos_699.7386_10.71	RP	pos	10.71	699.7386			4		0.96661	0.98800	-0.01	-0.22	0.91	-0.20	-0.11	0.90	0.45845	0.88479	-0.21	-0.38	-0.20	-0.31	0.45	-0.46	-0.05				
RPpos_700.0461_11.34	RP	pos	11.34	700.0461			4		0.86088	0.94794	0.01	-0.19	0.73	-0.17	0.19	0.56	0.79448	0.96799	-0.12	-0.40	0.13	-0.16	0.24	-0.46	-0.07				
RPneg_700.29053_10.393	RP	neg	10.393	700.2905			4		0.02159	0.26369	-0.31	-0.04	-0.17	-0.18	-0.05	-0.13	0.75616	0.96233	0.20	0.38	0.22	0.02	0.46	0.21	-0.12				
HILICpos_700.3191_0.81	HILIC	pos	0.81	700.3191			4		0.75784	0.90455	0.10	0.31	0.82	0.20	0.20	-0.66	0.03762	0.39530	0.83	0.95	0.90	1.66	0.78	-0.06	-0.17				
RPpos_700.3531_12.08	RP	pos	12.08	700.3531			4		0.92412	0.97276	0.01	-0.16	0.54	-0.10	0.14	0.41	0.63353	0.93546	-0.19	-0.22	-0.19	-0.15	0.14	-0.35	-0.28				
RPpos_700.3802_11.34	RP	pos	11.34	700.3802			4		0.84463	0.94193	-0.07	-0.24	0.48	-0.12	0.10	0.49	0.84278	0.97663	0.04	-0.10	0.09	-0.05	0.20	-0.36	0.28				
RPpos_700.5257_13.35	RP	pos	13.35	700.5257			4		0.64091	0.84801	-0.21	0.41	-0.12	-0.29	0.06	-0.37	0.48840	0.89812	0.25	0.30	0.18	0.38	0.33	0.02	-0.19				
HILICpos_700.5266_0.65	HILIC	pos	0.65	700.5266			4		0.39231	0.70267	-0.26	0.15	-0.13	-0.41	0.23	-0.41	0.36477	0.83786	0.27	0.64	0.25	0.28	0.78	-0.02	-0.54				
RPpos_700.5874_12.08	RP	pos	12.08	700.5874			4		0.53970	0.79830	0.12	0.01	0.87	0.02	0.05	0.44	0.80208	0.95982	-0.13	-0.09	-0.08	-0.02	0.20	-0.64	-0.15				
RPneg_701.022_12.08	RP	neg	12.08	701.0220			4		0.61986	0.83867	0.08	-0.24	1.01	-0.18	0.24	0.33	0.55863	0.91988	-0.22	-0.12	-0.25	0.10	-0.10	-0.61	-0.20				
RPneg_701.15234_9.154	RP	neg	9.154	701.1523			4		0.52193	0.78879	-0.23	0.12	0.56	0.75	0.50	0.16	0.31551	0.81238	0.07	0.00	0.25	0.46	0.38	-0.01	-0.30				
RPneg_701.15283_9.835	RP	neg	9.835	701.1528			4		0.92353	0.97251	0.03	0.78	0.59	0.04	-0.02	-0.09	0.00358	0.12219	1.18	0.59	0.31	0.14	0.35	0.73	1.12				
RPneg_701.15546_9.372	RP	neg	9.372	701.1555			4		0.12393	0.45916	-0.50	0.27	-0.22	-0.23	0.58	-0.59	0.98052	0.99752	-0.03	0.09	0.46	-0.17	0.09	-0.11	-0.81				
RPneg_701.15546_9.705	RP	neg	9.705	701.1555			4		0.24149	0.58195	-0.41	0.26	0.46	0.10	0.38	-0.12	0.91057	0.98698	-0.07	0.27	0.30	0.14	-0.10	-0.45	-0.83				
HILICpos_701.3483_1.36	HILIC	pos	1.36	701.3483			4		0.01178	0.20809	-0.17	-0.11	0.50	-0.02	-0.27	-0.65	0.49028	0.89836	0.14	0.21	0.19	0.13	0.47	-0.03	-0.34				
RPpos_701.3522_12.08	RP	pos	12.08	701.3522			4		0.39741	0.70699	0.15	0.12	0.94	-0.13	0.25	0.62	0.46702	0.88844	-0.23	-0.16	-0.08	-0.28	0.09	-0.71	-0.29				
RPpos_701.3912_5.7	RP	pos	5.7	701.3912			4		0.46571	0.75454	-0.19	0.20	0.49	-0.22	-0.29	0.81	0.05638	0.46882	-0.43	-0.33	-0.46	-0.55	-0.04	0.00	-0.62				
HILICpos_701.4083_5.8	HILIC	pos	5.8	701.4083			4		0.79127	0.91858	0.15	0.64	0.46	0.69	0.17	-0.72	0.03171	0.36926	1.33	1.26	0.45	0.78	1.04	1.21	0.92				
RPpos_701.4109_10.17	RP	pos	10.17	701.4109			4		0.32048	0.64701	0.16	0.35	0.50	0.21	0.18	0.65	0.19850	0.71424	-0.15	-0.18	-0.09	-0.24	0.00	-0.18	-0.23				
RPneg_701.42816_10.499	RP	neg	10.499	701.4282			4		0.89034	0.95991	-0.06	0.71	-0.26	0.24	0.10	-0.68	0.14452	0.64777	-0.23	0.95	-0.46	-0.18	-0.84	-0.04	-0.04				
RPpos_701.4911_10.67	RP	pos	10.67	701.4911			4		0.79079	0.91828	0.10	0.12	0.17	0.74	0.18	0.10	0.53118	0.91243	-0.36	0.09	-0.02	0.84	-0.01	-0.64	0.98				
HILICpos_701.5576_0.92	HILIC	pos	0.92	701.5576			4		0.33552	0.65844	-0.27	0.40	-0.43	-0.48	1.07	-0.22	0.81230	0.97170	-0.09	-0.10	0.23	-0.10	0.03	-0.18	-0.41				
HILICpos_701.5599_0.86	HILIC	pos	0.86	701.5599			4		0.62086	0.83900	-0.12	0.80	0.28	0.40	0.45	-0.33	0.63205	0.93546	0.02	0.11	0.25	0.00	0.13	0.05	-0.37				
HILICpos_702.165_4.07	HILIC	pos	4.07	702.1650			4		0.21024	0.55330	-0.21	-0.09	0.80	-0.17	-0.55	-0.43	0.79751	0.99741	-0.03	-0.02	-0.10	0.35	0.18	-0.01	-0.57				
RPpos_702.375_0.42																													

										IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																		
Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	Area Under the Curve (AUC)										Baseline										Post-LD									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0					Area Under the Curve (AUC)					IV-Ghrelin or Placebo					BrAC=0				
									p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d
RPneg_70739032_7.284	RP	neg	7.284				4		0.38325	0.69665	-0.27	-0.16	1.10	-0.30	-0.35	0.36	0.27127	0.78253	-0.34	-0.26	-0.02	-0.29	-0.10	-0.50	-0.43													
RPpos_7076844_11.8	RP	pos	11.8	7076844			4		0.39233	0.70267	0.22	-0.45	1.00	0.21	0.04	0.58	0.56380	0.92038	-0.21	-0.08	-0.33	-0.30	-0.03	-0.30	0.04													
RPneg_70776117_5.994	RP	neg	5.994	7077612			4		0.15992	0.50333	-0.17	0.12	-0.06	-0.28	-0.14	-0.29	0.13157	0.62663	-0.35	-0.12	-0.31	0.08	-0.30	-0.71	-0.28													
HILICneg_7077618_6.38	HILIC	neg	6.38	7077618			4		0.11181	0.44742	-0.22	0.04	-0.03	-0.38	-0.20	-0.23	0.12495	0.61589	-0.35	-0.11	-0.34	-0.14	-0.13	-0.49	-0.36													
RPpos_7078159_10.71	RP	pos	10.71	7078159			4		0.37650	0.99035	0.01	0.13	0.22	0.06	0.18	0.10	0.62411	0.93351	-0.17	-0.22	0.02	-0.04	0.30	-0.59	-0.44													
HILICpos_7083986_0.52	HILIC	pos	0.52	7083986			4		0.40312	0.71107	-0.01	-0.05	0.56	-0.04	0.19	-0.13	0.00353	0.2107	-0.39	0.19	0.37	0.47	0.04	0.14	-0.19													
RPneg_70842877_11.197	RP	neg	11.197	7084288			4		0.00024	0.02990	1.65	-0.10	0.45	1.43	2.94	-0.23	0.89896	0.98537	-0.07	-0.13	0.20	0.02	-0.03	-0.31	-0.08													
RPneg_70848022_11.188	RP	neg	11.188	7084802			4		0.00611	0.15278	1.18	0.03	0.52	1.00	1.97	-0.31	0.93539	0.99000	-0.03	-0.25	0.40	-0.25	0.06	-0.11	0.10													
RPneg_70848773_11.191	RP	neg	11.191	7084877			4		0.00762	0.17157	0.86	-0.11	0.35	0.83	2.19	-0.19	0.75740	0.96233	-0.10	-0.23	0.12	-0.34	-0.11	0.05	0.07													
HILICpos_708509_3.04	HILIC	pos	3.04	7085090			4		0.15039	0.49265	-0.38	0.08	-0.12	-0.05	0.19	0.06	0.99757	0.99953	-0.05	0.23	0.00	-0.62	0.17	-0.21	0.45													
HILICpos_7085092_4.87	HILIC	pos	4.87	7085092			4		0.00002	0.00685	-1.39	0.00	-0.31	-0.39	-0.71	-0.05	0.01857	0.29000	-0.45	0.45	0.04	-0.35	-0.60	-1.19	-0.78													
HILICpos_7085093_6.21	HILIC	pos	6.21	7085093			4		0.00185	0.08650	-0.95	-0.40	-0.59	-0.43	0.02	0.93	0.01777	0.28477	-0.39	-0.42	-0.50	-1.00	-0.24	-0.66	0.14													
HILICpos_7085099_4.73	HILIC	pos	4.73	7085099			4		0.99925	0.99970	0.04	-0.23	0.49	0.05	0.40	-0.12	0.01092	0.22216	-0.65	-0.61	-0.32	0.21	-1.20	-0.44	-0.10													
RPpos_7085105_13.42	RP	pos	13.42	7085105			4		0.59430	0.82616	-0.14	0.07	-0.31	0.65	0.18	0.45	0.57244	0.92224	-0.17	-0.18	-0.12	0.03	-1.06	-0.08	0.27													
HILICpos_7085114_7.04	HILIC	pos	7.04	7085114			4		0.18978	0.53612	-0.49	-0.12	0.22	-0.21	-0.35	0.24	0.64592	0.93835	-0.13	-0.19	0.02	0.27	-0.96	-0.22	-0.11													
RPpos_7090661_10.93	RP	pos	10.93	7090661			4		0.78120	0.91426	0.04	-0.14	1.16	-0.02	-0.14	0.22	0.45968	0.88511	-0.16	-0.22	-0.04	-0.15	0.14	-0.36	-0.29													
HILICpos_7090744_3.13	HILIC	pos	3.13	7090744			4		0.28089	0.61504	-0.43	-0.14	0.00	-0.06	0.07	-0.55	0.72746	0.95671	0.05	0.18	0.50	0.14	0.19	-0.02	-0.10													
HILICpos_709389_0.44	HILIC	pos	0.44	7093890			4		0.49517	0.77346	-0.19	-0.41	0.67	0.05	-0.33	0.13	0.41437	0.86469	-0.24	-0.19	-0.07	-0.18	0.13	-0.66	-0.40													
RPpos_709395_10.79	RP	pos	10.79	7093955			4		0.64062	0.84792	-0.13	-0.36	0.93	0.00	-0.25	0.51	0.62411	0.93351	-0.17	-0.22	0.02	-0.04	0.30	-0.59	-0.30													
RPpos_7093954_10.882	RP	pos	10.882	7093955			4		0.21220	0.55485	0.26	0.16	0.01	-0.25	0.20	-0.25	0.62697	0.93462	-0.12	-0.01	0.29	-0.62	0.15	0.01	0.19													
RPpos_7094125_10.62	RP	pos	10.62	7094125			4		0.03071	0.29524	0.47	-0.08	1.03	0.26	0.96	-0.19	0.96019	0.99553	0.06	-0.14	0.30	0.16	-0.11	-0.19	0.39													
RPneg_70950543_12.204	RP	neg	12.204	7095054			4		0.15739	0.50067	-0.30	0.38	0.00	-0.56	-0.04	-0.47	0.22831	0.74521	-0.25	0.20	-0.16	-0.60	-0.21	0.24	-0.57													
HILICneg_7095061_0.99	HILIC	neg	0.99	7095061			4		0.02420	0.27422	-0.48	-0.36	-0.32	-0.60	0.10	-0.01	0.26019	0.77446	-0.26	-0.57	-0.19	-0.33	-0.25	0.14	-0.38													
RPpos_7097071_11.55	RP	pos	11.55	7097071			4		0.67311	0.86385	0.08	-0.17	1.14	-0.19	0.10	0.80	0.96136	0.99553	-0.03	-0.03	-0.07	0.24	0.37	-0.65	-0.15													
RPpos_7097343_10.93	RP	pos	10.93	7097343			4		0.98003	0.99236	-0.03	-0.21	0.66	0.02	-0.09	0.18	0.65228	0.94010	-0.13	-0.01	0.08	-0.30	0.26	-0.45	-0.24													
RPpos_7097742_6	RP	pos	6	7097742			4		0.06056	0.36756	-0.24	-0.01	-0.07	-0.41	-0.23	0.11	0.32825	0.81945	-0.31	0.07	0.65	-0.34	-0.58	-0.36	-0.19													
RPpos_7100435_11.55	RP	pos	11.55	7100435			4		0.56004	0.80931	0.12	-0.30	1.37	-0.19	-0.17	0.60	0.72009	0.95557	-0.15	-0.03	-0.21	0.12	0.00	-0.69	-0.09													
RPneg_71025977_10.132	RP	neg	10.132	7102598			4		0.04188	0.32631	-0.48	-0.35	0.01	-0.36	-0.19	-0.18	0.09788	0.56886	0.34	0.30	0.31	0.51	0.30	0.07	0.17													
HILICpos_7103522_0.4	HILIC	pos	0.4	7103522			4		0.81678	0.93039	0.02	-0.07	0.79	-0.27	0.06	0.42	0.32787	0.81922	0.21	0.18	0.11	0.38	0.42	-0.14	-0.41													
RPpos_7103531_11.48	RP	pos	11.48	7103531			4		0.99000	0.99629	-0.02	-0.25	0.68	0.04	-0.03	0.37	0.56635	0.92083	-0.22	-0.18	-0.10	-0.18	0.12	-0.64	-0.20													
RPpos_7103756_11.55	RP	pos	11.55	7103756			4		0.93485	0.97659	0.00	-0.20	0.92	-0.14	-0.02	0.47	0.67319	0.94628	-0.17	-0.26	-0.11	0.07	-0.12	-0.43	-0.17													
HILICpos_7104146_1.67	HILIC	pos	1.67	7104146			4		0.37688	0.69196	0.20	-0.12	0.44	0.16	0.56	0.40	0.62951	0.93523	-0.15	-0.24	-0.05	-0.15	-0.11	-0.30	-0.16													
HILICpos_7106854_12.39	RP	pos	12.39	7106859			4		0.28649	0.69903	0.22	-0.06	0.89	0.07	0.27	0.53	0.18509	0.70962	-0.41	0.00	-0.54	-0.40	0.06	-0.68	-0.37													
HILICpos_7110687_3.13	HILIC	pos	3.13	7110687			4		0.28274	0.61695	-0.43	-0.20	-0.02	0.07	-0.04	-0.78	0.75503	0.96233	0.04	0.13	0.62	0.03	0.33	-0.15	-0.01													
RPneg_71117554_11.751	RP	neg	11.751	7111755			4		0.94088	0.97832	0.24	0.53	-0.05	0.28	0.51	-0.25	0.18391	0.70014	0.61	0.83	0.53	0.56	0.58	0.39	-0.19													
RPneg_7112677_10.57	RP	neg	10.57	7112677			4		0.04609	0.33734	-0.47	-0.13	0.35	-0.28	-0.07	-0.40	0.19065	0.70592	-0.37	0.15	-0.46	-0.37	-0.08	0.45	-0.97													
RPpos_7113524_12.4	RP	pos	12.4	7113524			4		0.54884	0.80347	0.11	-0.04	0.69	0.02	0.08	0.38	0.20872	0.72473	-0.39	-0.16	-0.36	-0.35	-0.23	-0.78	-0.26													
RPneg_71141113_10.921	RP	neg	10.921	7114111			4		0.00031	0.03338	1.29	-0.02	0.75	0.90	1.93	-0.08	0.83713	0.97582	-0.02	0.28	0.33	-0.10	-0.47	0.04	0.13													
RPpos_7115419_12.41	RP	pos	12.41	7115419			4		0.32066	0.64713	-0.20	0.34	-0.03	-0.60	0.22	-0.06	0.18769	0.70251	-0.25	-0.31	-0.08	-0.20	-0.16	-0.35	-0.36													
RPneg_71226007_10.132	RP	neg	10.132	7122601			4		0.03503	0.30707	-0.51	-0.20	0.10	-0.19	-0.22	-1.12	0.63997	0.93638	0.13	0.09	0.34	0.15	0.21	-0.05	-0.25													
RPneg_71227667_10.569	RP	neg	10.569	7122767			4		0.00736	0.16879	-0.59	-0.13	-0.49	-0.01	-0.87	0.54	0.18361	0.69993	0.34	0.47	-0.27	0.16	0.47	-0.24	0.70													
HILICpos_7123378_0.39	HILIC	pos	0.39	7123378			4		0.31637	0.64375	-0.31	0.02	0.04	-0.02	-0.04	0.06	0.52820	0.91029	-0.19	0.05	0.25	-0.23	0.02	-0.35	-0.68													
HILICpos_7130673_3.13	HILIC	pos	3.13	7130673			4		0.22216	0.56450	-0.48	-0.19	-0.07	-0.10	-0.04	-0.93	0.24498	0.76099	0.18	0.48	0.54	-0.14	0.34	0.19	0.02													
RPneg_7132821_10.892	RP	neg	10.892	7132821			4		0.07196	0.38813	-0.47	0.28	0.17	-0.29	-0.64	0.18	0.65273	0.94010	-0.33	0.58	-0.87	-0.06	0.24	-0.48	0.22													
HILICneg_7134719_5.85	HILIC	neg	5.85	7134719			4		0.79345	0.91969	-0.01	0.45	0.56	0.14	0.07	-0.37	0.34792	0.83042	0.42	-0.12	0.57	0.86	0.50	-0.11	-0.17													
HILICneg_713472_4.93	HILIC	neg	4.93	7134720			4		0.90943	0.96643	0.04	0.36	0.52	0.47	0.03	0.00	0.17182	0.68463	-0.25	0.23	0.32	0.31	0.20	-0.28	-0.34													
HILICneg_7134758_0.9	HILIC	neg	0.9	7134758			4		0.71029	0.88177	-0.12	-0.27	0.46	0.16	0.07	0.40	0.67473	0.94679	-0.20	-0.46	-0.73	-0.39	0.18	0.07	-0.76													
RPneg_71427582_10.571	RP	neg	10.571	7142758			4		0.10139	0.43366	-0.55	-0.11	-0.25	-0.18	0.26	0.59	0.13621	0.63435	-0.45	-0.71	0.35	0.00	-0.54	-0.30	-0.30													
RPneg_71428998_10.781	RP	neg	10.781	7142900			4		0.05418	0.35503	-0.35	0.14	-0.08	-0.31	-0.44	-0.32	0.28167	0.79044	-0.03	0.13																		

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline			IV-ASA			Ghrelin			Placebo			Baseline			Post-LD			IV-AC			Post-AC		
									p	q	d	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d
HILICpos_717.3711_0.41	HILIC	pos	0.41	717.3711		4		0.98323	0.93556	-0.05	-0.14	0.85	-0.05	0.05	0.27	0.68881	0.94980	-0.16	-0.10	0.00	-0.25	0.42	-0.79	-0.24								
RPpos_717.5517_12.04	RP	pos	12.04	717.5517		4		0.02942	0.29103	-0.41	0.15	-0.18	-0.41	-0.10	-0.14	0.47955	0.89434	-0.22	-0.32	-0.06	-0.01	-0.30	-0.09	-0.29								
HILICpos_717.5535_1.1	HILIC	pos	1.1	717.5535		4		0.08094	0.40538	-0.36	0.13	-0.38	-0.51	0.13	-0.20	0.49017	0.89836	0.06	0.15	0.52	0.23	-0.40	-0.09	-0.20								
HILICpos_717.5878_0.9	HILIC	pos	0.9	717.5878		4		0.66186	0.85819	-0.12	0.04	-0.30	-0.03	0.56	0.24	0.04757	0.43558	-0.41	-0.13	-0.06	-0.58	-0.35	-0.30	-0.64								
RPpos_717.5888_1.3	RP	pos	1.3	717.5888		4		0.86642	0.94099	0.04	0.47	-0.11	-0.06	0.29	0.69	0.01634	0.27369	-0.38	-0.21	-0.44	-0.55	-0.35	-0.21	-0.47								
HILICpos_717.5911_0.84	HILIC	pos	0.84	717.5911		4		0.68114	0.86757	-0.07	0.38	-0.20	-0.22	0.40	0.20	0.16743	0.67851	-0.26	-0.15	-0.10	-0.21	-0.28	-0.17	-0.47								
RPpos_717.5912_12.89	RP	pos	12.89	717.5912		4		0.95987	0.82798	-0.09	0.11	-0.34	-0.15	0.21	0.70	0.04647	0.43175	-0.35	-0.27	-0.12	-0.39	-0.34	-0.31	-0.42								
RPpos_717.76_6	RP	pos	6	717.7600		4		0.06058	0.36756	-0.26	-0.05	-0.12	-0.40	-0.22	0.04	0.38218	0.84832	-0.27	0.11	0.12	0.05	-0.41	-0.36	-0.03								
HILICpos_718.4918_0.4	HILIC	pos	0.4	718.4918		4		0.06730	0.37964	-0.40	0.02	0.27	-0.13	-0.22	-0.06	0.24133	0.75800	-0.34	-0.11	-0.37	0.16	-0.25	-0.59	0.83								
RPpos_718.5734_13.84	RP	pos	13.84	718.5734		4		0.84040	0.93996	-0.03	2.11	-0.05	-0.28	0.47	-0.32	0.34122	0.82659	-0.24	0.03	0.11	0.10	-0.21	-0.25	-0.73								
RPpos_718.8833_10.51	RP	pos	10.51	718.8833		4		0.77482	0.91117	-0.06	0.39	0.98	0.00	-0.20	0.12	0.59351	0.92718	-0.14	-0.11	0.00	-0.12	0.11	-0.41	-0.39								
RPpos_719.0642_11.12	RP	pos	11.12	719.0642		4		0.68570	0.87027	0.07	-0.30	0.70	0.19	-0.02	0.79	0.64039	0.93638	-0.15	-0.37	0.05	-0.32	0.09	-0.28	-0.02								
RPneg_719.26691_10.236	RP	neg	10.236	719.2669		4		0.24535	0.58617	-0.32	0.18	0.64	0.01	-0.49	0.48	0.29148	0.79607	-0.37	-0.14	-0.38	-0.31	-0.77	0.26	0.80								
RPpos_719.3977_11.12	RP	pos	11.12	719.3977		4		0.28637	0.61992	0.27	-0.06	1.05	0.24	0.39	0.61	0.62350	0.93343	-0.14	-0.39	0.08	-0.23	0.09	-0.22	-0.16								
RPpos_719.4435_6.88	RP	pos	6.88	719.4435		4		0.93598	0.97697	-0.02	0.16	0.25	0.06	-0.06	0.70	0.32131	0.81567	-0.28	-0.18	-0.05	-0.33	-0.29	-0.39	-0.26								
HILICneg_719.5334_0.99	HILIC	neg	0.99	719.5334		4		0.07020	0.38480	-0.34	0.33	-0.49	-0.62	0.22	-0.23	0.01743	0.28131	-0.43	-0.41	-0.28	-0.54	-0.19	-0.50	-0.66								
HILICneg_719.5341_0.94	HILIC	neg	0.94	719.5341		4		0.11128	0.44673	-0.36	0.19	-0.39	-0.80	0.36	-0.48	0.43503	0.87634	-0.16	-0.25	0.20	-0.13	-0.13	-0.15	-0.51								
RPpos_719.571_11.86	RP	pos	11.86	719.5710		4		0.91952	0.97060	-0.07	0.13	0.04	-0.24	0.31	0.21	0.91441	0.98763	0.02	0.15	0.31	0.07	-0.19	0.01	-0.25								
RPpos_719.7065_11.79	RP	pos	11.79	719.7065		4		0.49378	0.77316	0.16	-0.13	0.98	0.04	0.14	0.31	0.69283	0.95008	-0.16	-0.14	-0.31	-0.07	-0.15	-0.39	-0.20								
RPpos_719.7302_11.12	RP	pos	11.12	719.7302		4		0.77680	0.91224	0.05	-0.15	1.01	0.11	0.05	0.50	0.75856	0.96233	-0.09	-0.23	0.10	-0.13	0.22	-0.31	-0.23								
RPpos_719.8461_11.24	RP	pos	11.24	719.8461		4		0.74881	0.90000	-0.09	-0.17	0.65	-0.28	-0.16	0.91	0.70257	0.95203	-0.17	-0.14	0.09	0.00	0.30	-0.47	-0.62								
RPpos_720.0412_11.79	RP	pos	11.79	720.0412		4		0.39066	0.70176	0.18	-0.12	0.89	-0.02	0.27	0.48	0.60200	0.92848	-0.19	-0.10	-0.11	-0.18	0.02	-0.56	-0.18								
RPpos_720.3727_11.78	RP	pos	11.78	720.3727		4		0.32920	0.65340	0.27	0.04	1.18	0.14	0.28	0.35	0.42873	0.87302	-0.25	-0.18	-0.18	-0.05	0.03	-0.72	-0.19								
HILICneg_720.4968_0.65	HILIC	neg	0.65	720.4968		4		0.49462	0.77346	-0.20	-0.06	-0.05	-0.28	-0.04	-0.17	0.64563	0.93826	-0.15	0.04	-0.19	0.07	0.10	-0.13	-0.46								
RPpos_720.5323_12.26	RP	pos	12.26	720.5323		4		0.28546	0.61902	-0.25	0.30	-0.10	-0.40	0.11	-0.36	0.70057	0.95161	-0.13	-0.20	0.33	-0.17	0.06	-0.09	-0.55								
RPpos_720.685_12.75	RP	pos	12.75	720.6850		4		0.66693	0.86056	0.09	0.09	0.22	-0.04	0.24	0.34	0.34072	0.82628	-0.29	-0.23	-0.14	-0.23	-0.31	-0.90	-0.01								
RPpos_720.7063_11.79	RP	pos	11.79	720.7063		4		0.49673	0.77423	0.14	-0.16	1.04	0.05	0.08	0.41	0.56266	0.92016	-0.19	-0.16	-0.16	-0.22	0.04	-0.53	-0.02								
RPpos_721.0146_12.75	RP	pos	12.75	721.0146		4		0.64325	0.84907	0.10	0.04	0.79	-0.04	0.07	0.19	0.38242	0.84834	-0.31	-0.11	-0.17	-0.18	0.27	-1.11	-0.21								
RPpos_721.3063_11.73	RP	pos	11.73	721.3063		4		0.55595	0.80733	0.44	0.73	0.30	0.36	0.61	-0.24	0.08979	0.55360	0.72	1.15	0.63	0.68	0.65	0.55	0.11								
RPpos_721.3488_12.75	RP	pos	12.75	721.3488		4		0.88877	0.95951	0.04	0.02	0.56	-0.38	0.32	0.44	0.80076	0.96969	-0.14	0.04	0.09	-0.10	-0.15	-1.08	-0.15								
RPneg_721.34912_11.659	RP	neg	11.659	721.3491		4		0.34006	0.66249	0.10	0.25	0.58	0.21	0.25	-0.28	0.03554	0.38501	0.68	0.52	0.43	0.47	0.89	0.80	0.68								
RPneg_721.55212_12.477	RP	neg	12.477	721.5521		4		0.49679	0.77423	-0.11	0.53	-0.19	-0.16	0.07	-0.45	0.03171	0.36926	-0.57	-0.86	0.17	-0.87	-0.20	-0.26	-0.31								
RPpos_722.0248_11.78	RP	pos	11.78	722.0248		4		0.28330	0.61745	0.21	-0.02	0.93	0.04	0.21	0.49	0.31729	0.81359	-0.30	0.05	-0.24	-0.05	-0.51	-0.13	-0.20								
RPpos_722.1692_11	RP	pos	11	722.1692		4		0.33163	0.65566	0.42	0.30	0.35	0.52	0.28	0.21	0.37466	0.84351	0.11	0.05	0.23	0.06	1.06	-0.32	0.27								
RPneg_722.29004_9.964	RP	neg	9.964	722.2900		4		0.07469	0.39316	-0.32	-0.06	-0.14	-0.16	-0.20	-0.56	0.49638	0.90020	-0.15	-0.19	-0.02	-0.16	0.12	0.00	-0.67								
RPneg_722.49921_12.264	RP	neg	12.264	722.4992		4		0.66629	0.86030	-0.11	0.12	0.12	-0.13	0.09	-0.25	0.22145	0.73820	-0.32	-0.41	-0.21	-0.16	-0.42	-0.29	-0.52								
HILICneg_722.5141_0.65	HILIC	neg	0.65	722.5141		4		0.79167	0.91879	-0.22	0.18	0.00	-0.31	0.08	-0.47	0.17700	0.69228	1.12	0.79	1.03	1.11	0.94	0.41	0.00								
HILICneg_722.5143_0.73	HILIC	neg	0.73	722.5143		4		0.27212	0.60803	-0.32	0.10	-0.26	-0.33	0.13	-0.47	0.13400	0.63100	1.02	0.66	0.51	1.49	1.49	0.47	0.32								
RPpos_722.5258_13.42	RP	pos	13.42	722.5258		4		0.42158	0.72423	-0.25	0.37	-0.18	0.37	0.40	0.46	0.92301	0.98898	-0.04	0.12	0.15	0.44	-0.56	0.01	-0.18								
RPpos_722.5508_12.68	RP	pos	12.68	722.5508		4		0.45990	0.75068	-0.14	0.70	-0.26	-0.26	0.09	0.04	0.12211	0.61030	-0.27	0.09	-0.05	-0.36	-0.26	-0.06	-0.57								
RPneg_723.22772_5.999	RP	neg	5.999	723.2277		4		0.30592	0.63469	-0.15	0.13	-0.08	-0.18	-0.16	-0.39	0.04287	0.41729	-0.59	-0.30	-0.54	-0.14	-0.49	-0.63	-0.61								
RPpos_723.3983_10.48	RP	pos	10.48	723.3983		4		0.27018	0.60656	0.41	0.03	0.21	0.26	0.39	1.39	0.18881	0.70379	-0.33	0.04	-0.38	-0.35	-0.56	0.06	0.09								
RPneg_723.40314_5.697	RP	neg	5.697	723.4031		4		0.37308	0.68884	-0.22	0.13	0.68	-0.37	-0.20	0.12	0.06150	0.48401	-0.25	-0.18	-0.10	-0.28	-0.09	0.15	-0.54								
RPpos_723.4261_10.17	RP	pos	10.17	723.4261		4		0.46085	0.75153	0.14	0.33	0.40	0.12	0.22	0.60	0.13935	0.64025	-0.15	-0.20	-0.07	-0.15	-0.02	-0.21	-0.29								
RPpos_723.4365_5.84	RP	pos	5.84	723.4365		4		0.45654	0.74842	-																						

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)																
									Area Under the Curve (AUC)			IV-Ghrelin or Placebo					BrAC=0		Area Under the Curve (AUC)			Baseline		Post-LD		IV-Ghrelin or Placebo					BrAC=0				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d	d	d	d	d	d
RPpos_729.4063_7.36	RP	pos	7.36	729.4063			4		0.89601	0.96217	0.02	-0.27	1.02	0.09	-0.12	0.92		0.28558	0.79324	-0.39	-0.40	-0.01	-0.59	-0.06	-0.26	-0.41									
HILICpos_729.5887_0.83	HILIC	pos	0.83	729.5887			4		0.52511	0.79057	-0.12	0.51	0.17	-0.50	0.52	-0.11		0.58834	0.92635	-0.12	-0.09	0.25	-0.08	-0.03	-0.03	-0.54									
HILICpos_729.5904_0.88	HILIC	pos	0.88	729.5904			4		0.69231	0.87364	-0.08	0.48	0.01	-0.43	0.87	-0.07		0.53511	0.91371	-0.15	-0.08	-0.05	-0.25	-0.01	-0.08	-0.34									
RPpos_729.7047_12.05	RP	pos	12.05	729.7047			4		0.48238	0.76589	0.17	-0.01	0.94	-0.05	0.25	0.58		0.57850	0.92351	-0.21	-0.12	-0.01	-0.13	0.02	-0.77	-0.21									
RPpos_729.9062_10.5	RP	pos	10.5	729.9062			4		0.57923	0.81871	-0.15	-0.16	0.56	-0.08	-0.39	0.77		0.44661	0.88064	-0.17	-0.22	-0.21	-0.16	-0.01	-0.31	-0.51									
RPpos_730.0366_12.05	RP	pos	12.05	730.0366			4		0.74803	0.86877	0.03	-0.27	0.86	-0.13	-0.01	0.60		0.66594	0.92077	-0.17	-0.23	-0.20	-0.10	0.05	-0.40	-0.13									
HILICpos_730.0629_0.46	HILIC	pos	0.46	730.0629			4		0.70659	0.88017	0.18	0.35	0.61	0.12	0.16	0.33		0.56608	0.92078	-0.17	-0.19	-0.24	-0.07	0.50	-0.51	-0.36									
RPpos_730.3704_12.05	RP	pos	12.05	730.3704			4		0.35830	0.67275	0.19	0.09	0.89	0.08	0.15	0.54		0.48780	0.89808	-0.24	-0.26	-0.15	-0.16	-0.07	-0.68	-0.04									
HILICpos_730.5373_0.61	HILIC	pos	0.61	730.5373			4		0.37132	0.68743	-0.22	0.00	-0.13	-0.13	0.08	0.34		0.80126	0.96981	-0.07	-0.07	-0.04	-0.15	0.04	-0.05	-0.14									
RPpos_730.7029_12.05	RP	pos	12.05	730.7029			4		0.72431	0.88758	0.05	-0.12	0.76	-0.20	0.09	0.35		0.54858	0.91689	-0.21	-0.21	-0.18	-0.11	-0.05	-0.54	-0.20									
RPneg_731.23596_9.966	RP	neg	9.966	731.2360			4		0.47079	0.75785	-0.15	-0.10	0.16	-0.08	0.06	-0.51		0.47614	0.89297	0.23	0.14	0.15	0.21	0.53	0.30	0.10									
RPneg_731.31622_4.674	RP	neg	4.674	731.3162			4		0.24320	0.58434	-0.12	0.05	-0.02	-0.34	0.04	0.07		0.31004	0.80841	-0.41	0.51	-0.37	0.15	-0.20	-0.42	-0.22									
RPneg_731.31628_4.83	RP	neg	4.83	731.3163			4		0.20845	0.55144	-0.15	0.23	0.00	-0.41	-0.13	-0.01		0.41048	0.86341	-0.36	0.61	-0.33	0.21	0.05	-0.41	-0.25									
HILICneg_731.3167_7.34	HILIC	neg	7.34	731.3167			4		0.18573	0.53264	-0.10	0.30	0.04	-0.35	-0.11	0.25		0.33540	0.82321	-0.43	0.31	-0.32	0.06	-0.12	-0.43	-0.33									
RPpos_731.4051_10.78	RP	pos	10.78	731.4051			4		0.64207	0.84842	-0.14	-0.35	1.04	-0.14	-0.24	0.39		0.60395	0.92892	-0.17	-0.16	0.05	-0.15	0.10	-0.60	-0.31									
HILICpos_731.4053_0.44	HILIC	pos	0.44	731.4053			4		0.47974	0.76387	-0.19	-0.48	0.78	-0.16	-0.26	0.45		0.46903	0.88943	-0.24	-0.15	-0.02	-0.28	0.06	-0.66	-0.23									
RPpos_731.4144_12.47	RP	pos	12.47	731.4144			4		0.24260	0.58353	0.27	-0.22	0.67	0.76	-0.08	0.24		0.26730	0.77930	0.47	0.62	-0.18	0.65	-0.23	0.41	-0.23									
RPneg_731.41528_11.19	RP	neg	11.19	731.4153			4		0.01649	0.23757	1.13	-0.04	0.60	1.19	1.71	-0.51		0.72900	0.95705	0.08	-0.19	0.45	-0.51	0.07	0.34	0.22									
RPneg_731.53528_12.092	RP	neg	12.092	731.5353			4		0.57576	0.81616	-0.19	-0.17	-0.08	-0.23	0.09	-0.06		0.77925	0.96562	-0.14	-0.01	-0.21	-0.01	-0.04	-0.09	-0.09									
RPpos_731.607_13.39	RP	pos	13.39	731.6070			4		0.97085	0.98887	0.02	0.22	0.15	-0.10	0.33	0.37		0.05258	0.65545	-0.61	0.19	-0.03	-0.51	0.57	-0.59	-0.76									
HILICpos_732.3419_1.07	HILIC	pos	1.07	732.3419			4		0.28870	0.62218	0.31	0.22	1.24	0.96	0.15	-0.34		0.47777	0.89354	0.24	0.28	0.15	0.12	0.48	0.09	-0.27									
RPpos_732.3673_11.47	RP	pos	11.47	732.3673			4		0.86479	0.94954	0.01	-0.31	0.53	0.07	0.00	0.58		0.72172	0.95590	-0.17	-0.16	-0.18	0.04	0.13	-0.61	-0.12									
HILICpos_732.5528_0.61	HILIC	pos	0.61	732.5528			4		0.48449	0.76726	-0.07	0.19	0.06	-0.08	0.11	-0.01		0.84816	0.97736	0.05	0.12	0.14	0.18	0.17	0.04	-0.13									
RPpos_733.3319_4.84	RP	pos	4.84	733.3319			4		0.13496	0.47413	-0.21	0.11	-0.05	-0.41	-0.16	-0.33		0.31462	0.81205	-0.43	0.63	-0.30	0.20	0.00	-0.38	-0.27									
HILICpos_733.3322_7.3	HILIC	pos	7.3	733.3322			4		0.14383	0.48433	-0.14	0.24	-0.01	-0.33	-0.14	0.24		0.47539	0.89273	-0.32	0.33	-0.32	0.30	0.00	-0.35	-0.37									
RPneg_733.41687_11.193	RP	neg	11.193	733.4169			4		0.00082	0.05766	1.45	0.15	0.52	1.18	3.16	-0.40		0.78220	0.96597	-0.09	-0.27	0.36	-0.12	-0.13	-0.23	-0.02									
RPpos_733.4408_7.43	RP	pos	7.43	733.4408			4		0.39314	0.70343	-0.28	0.19	0.58	-0.21	-0.33	0.71		0.50015	0.90134	-0.22	-0.23	0.38	-0.09	-0.10	-0.45	-0.40									
RPneg_733.54877_12.468	RP	neg	12.468	733.5488			4		0.13491	0.47413	-0.35	-0.30	-0.46	-0.21	-0.15	0.29		0.28937	0.79452	-0.23	-0.30	0.29	-0.31	-0.22	-0.18	0.03									
HILICneg_733.5497_0.98	HILIC	neg	0.98	733.5497			4		0.15680	0.49973	-0.34	0.31	-0.46	-0.30	-0.07	-0.05		0.01608	0.27178	-0.37	-0.49	-0.54	-0.01	-0.31	-0.21	-0.42									
RPpos_733.7391_11.12	RP	pos	11.12	733.7391			4		0.74953	0.90015	0.05	-0.10	0.55	0.11	0.11	0.36		0.99741	0.99953	-0.04	-0.22	-0.15	0.01	0.32	-0.23	-0.06									
RPpos_734.0717_11.12	RP	pos	11.12	734.0717			4		0.48042	0.76416	0.17	-0.42	1.44	-0.03	0.28	1.24		0.28391	0.79235	-0.29	-0.40	-0.31	-0.25	0.19	-0.49	-0.36									
HILICneg_734.1747_0.49	HILIC	neg	0.49	734.1747			4		0.09227	0.42120	-0.44	-0.58	-0.08	-0.44	-0.19	-0.66		0.33662	0.82415	-0.32	0.30	0.05	0.95	0.38	0.15	-0.11									
RPneg_734.2468_9.965	RP	neg	9.965	734.2468			4		0.12710	0.46383	-0.19	-0.11	-0.11	-0.10	-0.05	-0.37		0.77547	0.96491	-0.04	0.02	0.04	-0.07	0.18	-0.04	-0.31									
RPpos_734.3831_11.77	RP	pos	11.77	734.3831			4		0.67327	0.86385	0.09	-0.01	0.52	-0.07	0.16	0.58		0.66843	0.94464	-0.17	-0.13	-0.19	-0.17	0.03	0.59	0.02									
RPpos_734.4072_11.12	RP	pos	11.12	734.4072			4		0.90061	0.96346	0.02	0.04	0.69	-0.19	0.33	-0.05		0.51421	0.90648	-0.21	-0.01	-0.29	-0.04	0.08	-0.60	-0.14									
RPpos_734.7156_11.77	RP	pos	11.77	734.7156			4		0.46288	0.75269	0.17	-0.08	0.90	0.09	0.22	0.33		0.76083	0.96260	-0.14	-0.22	-0.09	-0.10	0.09	-0.40	-0.14									
RPpos_734.8401_11.47	RP	pos	11.47	734.8401			4		0.56491	0.81160	-0.17	-0.31	0.53	-0.56	0.17	0.14		0.44673	0.88064	-0.27	-0.04	-0.42	0.02	0.21	-0.37	-0.38									
HILICneg_734.9236_0.49	HILIC	neg	0.49	734.9236			4		0.00099	0.06410	0.19	0.04	0.20	0.13	0.45	0.18		0.68783	0.94936	-0.01	0.04	-0.09	-0.03	0.07	0.06	-0.12									
RPpos_735.0489_11.77	RP	pos	11.77	735.0489			4		0.68009	0.83304	0.13	-0.16	0.84	0.15	0.00	0.62		0.57189	0.92208	-0.21	-0.16	-0.05	-0.22	0.07	-0.60	-0.31									
RPpos_735.2883_11.74	RP	pos	11.74	735.2883			4		0.77086	0.91013	0.30	0.78	0.10	0.25	0.62	-0.38		0.14702	0.65072	0.64	1.06	1.21	0.84	0.33	0.34	-0.41									
RPneg_735.32349_7.429	RP	neg	7.429	735.3235			4		0.57369	0.81586	0.13	0.06	0.24	0.23	0.44	0.04		0.01201	0.23387	0.14	-0.06	0.													

Feature_ID	Mode	Ionization	Average Rt.min.	Average.Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									p	q	d	d	d	d	Baseline	IV-ASA	BrAC=0	p	q	d	d	d	d	Baseline	Post-LD	IV-AC	Post-AC	BrAC=0				
HILICpos_740.4625_0.63	HILIC	pos	0.63	740.4625			4		0.29940	0.62914	-0.29	-0.02	0.53	-0.44	-0.01	0.37	0.10444	0.58038	-0.27	-0.34	-0.02	-0.59	0.05	0.14	-0.66							
RPpos_740.4655_5.84	RP	pos	5.84	740.4655			4		0.32081	0.64736	-0.26	0.30	0.78	-0.36	-0.45	0.42	0.00793	0.18888	-0.33	-0.34	-0.18	-0.40	-0.03	0.10	-0.69							
HILICneg_740.4954_0.92	HILIC	neg	0.92	740.4954			4		0.00008	0.01663	-0.41	-0.22	-0.21	-0.75	-0.17	0.61	0.04794	0.43735	-0.38	-0.16	-0.18	-0.78	-0.15	-0.17	-0.81							
HILICpos_740.5208_0.73	HILIC	pos	0.73	740.5208			4		0.88413	0.95710	0.05	0.87	0.02	-0.07	0.52	-0.23	0.38564	0.84978	-0.24	-0.32	-0.08	-0.06	0.21	-0.37	-0.77							
RPpos_740.5213_12.84	RP	pos	12.84	740.5213			4		0.88550	0.82164	0.16	0.44	0.96	0.06	0.29	0.01	0.46472	0.6723	-0.17	-0.19	-0.09	-0.13	-0.05	-0.12	-0.51							
RPneg_740.5217_13.222	RP	neg	13.222	740.5217			4		0.78557	0.91523	-0.16	0.17	-0.42	0.17	-0.14	-0.02	0.65734	0.94101	-0.09	-0.25	-0.15	0.51	0.54	0.58	-0.64							
RPpos_740.7006_12.35	RP	pos	12.35	740.7006			4		0.76440	0.90719	0.03	0.01	0.77	-0.23	0.00	0.65	0.58673	0.92538	-0.21	-0.09	-0.09	-0.03	-0.12	-0.75	-0.25							
RPpos_740.8956_10.5	RP	pos	10.5	740.8956			4		0.99721	0.99894	-0.02	-0.27	0.81	-0.09	0.12	0.81	0.17792	0.69252	-0.29	-0.31	-0.10	-0.27	-0.07	-0.49	-0.32							
HILICpos_741.364_5.39	HILIC	pos	5.39	741.3640			4		0.69332	0.87408	-0.05	0.09	0.53	-0.02	-0.06	-0.32	0.01537	0.26501	0.42	0.37	1.11	0.27	0.89	0.28	-0.82							
HILICpos_741.5292_0.85	HILIC	pos	0.85	741.5292			4		0.44597	0.74156	-0.14	1.19	-0.08	-0.29	0.08	-0.08	0.51258	0.90638	-0.13	0.31	-0.07	-0.10	-0.15	0.08	-0.53							
RPpos_741.856_11.24	RP	pos	11.24	741.8560			4		0.77655	0.91211	-0.07	0.09	0.62	-0.05	-0.21	0.35	0.61735	0.93244	-0.18	-0.26	0.01	-0.14	0.16	-0.52	-0.32							
RPneg_742.29028_10.228	RP	neg	10.228	742.2903			4		0.03155	0.29799	-0.42	-0.24	-0.40	-0.66	0.19	-0.65	0.10935	0.58989	-0.14	0.23	-0.03	-0.53	-0.05	0.13	-0.41							
RPpos_742.3047_5.25	RP	pos	5.25	742.3047			4		0.00363	0.12288	-0.54	0.11	-0.36	-0.92	-0.35	0.37	0.34061	0.82618	0.22	0.22	-0.17	0.00	-0.08	1.18	0.72							
HILICpos_742.3981_0.38	HILIC	pos	0.38	742.3981			4		0.27684	0.61158	-0.36	0.17	0.36	-0.16	-0.52	0.22	0.67935	0.94725	-0.59	0.18	0.54	-0.45	-0.01	-0.36	-0.90							
RPneg_742.53741_13.781	RP	neg	13.781	742.5374			4		0.97244	0.98979	-0.05	0.10	0.41	-0.11	-0.02	0.09	0.03590	0.38709	-0.14	-0.05	-0.11	-0.05	0.12	-0.35	-0.30							
RPpos_742.5376_13.15	RP	pos	13.15	742.5376			4		0.45917	0.75050	0.15	0.30	0.60	0.30	0.14	-0.12	0.00833	0.19515	-0.33	-0.38	-0.14	-0.16	-0.30	-0.31	-0.38							
RPneg_742.53815_13.906	RP	neg	13.906	742.5382			4		0.91043	0.96860	0.04	-0.08	0.36	0.22	0.01	0.02	0.02790	0.34917	-0.37	0.08	-0.11	-0.10	-0.40	-0.52	-0.60							
HILICneg_742.5406_0.68	HILIC	neg	0.68	742.5406			4		0.96985	0.98857	-0.01	0.59	0.37	0.11	0.00	-0.26	0.18446	0.70014	-0.34	-0.26	0.05	0.04	-0.24	-0.47	-0.79							
HILICpos_742.5739_0.59	HILIC	pos	0.59	742.5739			4		0.97086	0.98887	-0.11	0.19	0.96	0.06	0.27	0.00	0.10203	0.57547	0.58	0.60	0.79	0.48	0.59	0.64	0.09							
HILICneg_743.20148_11.761	HILIC	neg	11.761	743.2015			4		0.46649	0.75510	0.40	0.53	0.03	0.37	0.77	0.06	0.02190	0.1281	0.84	0.64	0.91	0.48	0.77	0.58	0.15							
HILICneg_743.3475_0.52	HILIC	neg	0.52	743.3475			4		0.15569	0.49832	-0.21	0.15	0.61	-0.09	-0.66	0.44	0.97206	0.99673	-0.02	-0.14	-0.04	0.01	0.31	-0.15	-0.36							
HILICneg_743.9409_5.41	HILIC	neg	5.41	743.9409			4		0.17346	0.51891	0.38	0.52	0.62	0.13	0.52	0.72	0.60485	0.92903	-0.02	-0.17	0.05	0.18	0.20	0.06	-0.88							
RPneg_744.30536_10.393	RP	neg	10.393	744.3054			4		0.00743	0.16927	-0.29	-0.15	-0.13	-0.18	0.27	-0.34	0.57100	0.92157	0.29	0.35	0.45	0.09	0.25	0.45	-0.04							
RPpos_744.378_12.03	RP	pos	12.03	744.3780			4		0.40551	0.71224	0.19	-0.04	0.74	0.11	0.30	0.43	0.70680	0.95248	-0.16	-0.16	-0.15	-0.06	0.39	-0.61	-0.26							
RPpos_744.4064_11.31	RP	pos	11.31	744.4064			4		0.98027	0.99237	-0.02	-0.15	0.62	-0.09	-0.05	0.61	0.88080	0.98281	-0.08	0.07	-0.09	-0.42	0.28	-0.21	-0.01							
HILICpos_744.5529_0.61	HILIC	pos	0.61	744.5529			4		0.29167	0.62426	-0.23	-0.11	-0.21	-0.15	0.09	0.26	0.51337	0.90648	-0.13	-0.22	0.03	-0.16	-0.12	-0.09	-0.21							
RPpos_744.5553_13.81	RP	pos	13.81	744.5553			4		0.69059	0.87279	0.09	0.44	0.46	0.19	0.07	-0.14	0.61035	0.93036	-0.26	0.24	0.07	0.16	-0.34	-0.36	-0.47							
RPneg_744.56458_12.501	RP	neg	12.501	744.5646			4		0.25705	0.59521	-0.22	0.61	-0.29	-0.36	0.13	0.00	0.31541	0.81238	-0.20	0.23	-0.26	0.30	-0.12	-0.06	-0.28							
RPpos_744.7135_12.03	RP	pos	12.03	744.7135			4		0.61174	0.83397	0.13	-0.16	0.71	-0.02	0.22	0.64	0.90019	0.98550	-0.10	-0.09	-0.14	0.01	0.37	-0.53	-0.16							
RPpos_744.8376_11.08	RP	pos	11.08	744.8376			4		0.78728	0.91650	-0.11	0.13	-0.09	-0.20	0.69	0.59	0.29117	0.79560	0.35	0.29	-0.17	0.65	0.47	-0.28	0.14							
RPpos_744.9032_10.78	RP	pos	10.78	744.9032			4		0.16081	0.50418	-0.30	-0.45	0.59	-0.52	-0.16	0.51	0.64331	0.93738	-0.15	-0.13	0.00	-0.14	0.26	-0.54	-0.19							
RPpos_745.0459_12.03	RP	pos	12.03	745.0459			4		0.47257	0.75963	0.18	-0.14	0.86	0.13	0.19	0.45	0.67822	0.94718	-0.17	-0.17	-0.07	-0.05	0.26	-0.63	-0.24							
RPpos_745.3787_12.03	RP	pos	12.03	745.3787			4		0.56270	0.81056	0.14	-0.18	0.79	0.01	0.15	0.66	0.63409	0.93546	-0.18	-0.13	-0.03	-0.14	-0.02	-0.54	-0.32							
RPpos_745.385_6.71	RP	pos	6.71	745.3850			4		0.49310	0.77902	-0.21	-0.19	1.10	-0.35	0.56	0.57	0.56598	0.92078	0.10	0.33	0.40	-0.01	-0.13	-0.18	0.26							
RPpos_745.4171_5.84	RP	pos	5.84	745.4171			4		0.27573	0.61083	-0.30	0.08	1.03	-0.42	-0.55	0.72	0.43896	0.87776	-0.19	-0.29	0.17	-0.01	-0.37	-0.08	-0.37							
RPpos_745.4375_10.17	RP	pos	10.17	745.4375			4		0.33746	0.66047	0.17	0.37	0.54	0.22	0.19	0.33	0.21905	0.73554	-0.14	-0.18	-0.03	-0.20	0.09	-0.27	-0.21							
RPpos_745.5159_10.62	RP	pos	10.62	745.5159			4		0.62640	0.84168	0.18	0.05	0.40	0.24	0.25	0.63	0.91575	0.98777	-0.09	0.16	-0.29	0.33	0.27	-0.66	0.59							
HILICneg_745.5483_0.91	HILIC	neg	0.91	745.5483			4		0.15336	0.49636	-0.46	0.26	-0.32	-0.78	0.43	-0.11	0.86298	0.97989	-0.07	-0.21	0.13	-0.03	0.08	-0.12	-0.25							
HILICneg_745.5492_0.97	HILIC	neg	0.97	745.5492			4		0.17335	0.51891	-0.36	0.24	-0.07	-0.36	0.44	-0.35	0.80720	0.97036	-0.08	-0.16	0.08	0.29	-0.09	-0.17	-0.32							
HILICpos_746.3979_0.43	HILIC	pos	0.43	746.3979			4		0.46324	0.75281	-0.22	-0.26	0.67	-0.22	-0.26	0.22	0.57746	0.92307	-0.17	-0.13	-0.15	-0.24	0.37	-0.46	-0.26							
RPpos_746.4033_11.01	RP	pos	11.01	746.4033			4		0.78940	0.91761	-0.11	-0.31	1.21	-0.02	-0.32	0.46	0.54408	0.91525	-0.21	-0.28	-0.01	-0.19	-0.06	-0.35	-0.34							
RPneg_746.49878_12.029	RP	neg	12.029	746.4988			4		0.94012	0.97816	-0.03	0.32	0.13	-0.19	0.29	0.59	0.74646	0.96075	0.04	-0.22	-0.07	0.03	0.28	0.03	0.23							
RPneg_746.51459_13.184	RP	neg	13.184	746.5146			4		0.66442	0.85962	-0.19	0.71	-0.23	-0.12	0.00	-0.17	0.72480	0.95590	0.19	-0.11	-0.23	3.48	2.15	0.35	-0.43							
HILICneg_746.5152_0.64	HILIC	neg	0.64	746.5152			4		0.24712	0.58731	-0.32	0.03	-0.07	-0.42	-0.01	-0.44	0.64641	0.93850	0.31	0.26	0.55	0.36	0.63	0.11	-0.38							
RPpos_746.5698_13.22	RP	pos	13.22	746.5698			4		0.46790	0.75613	-0.09	0.24	0.20	-0.47	0.40	0.10	0.73485	0.84361	-0.29	-0.19	-0.29	-0.23	-0.29	-0.26	-0.42							
RPpos_747.3613_11.72	RP	pos	11.72	747.3613			4		0.47518	0.76088	0.08	-0.10	0.64	0.01	0.15	0.66	0.31456	0.81205	-0.21	-0.16	-0.34	-0.21	0.08	-0.54	-0.36							
RPpos_747.406_13.42	RP	pos	13.42	747.4060			4		0.70846	0.88092	-0.10	0.07	0.04	0.43	0.15	0.25	0.89493	0.98465	-0.07	0.41	-0.26	0.29	-0.03	0.17	0.06							
HILICneg_747.5656_0.9	HILIC	neg	0.9	747.5656			4		0.94518	0.97998	-0.05	0.66	-0.11	-0.40	0.58	0.16	0.03382	0.37707	-0.27	-0.09	-0.14	-0.41	-0.22	-0.12	-0.29							
HILICneg_747.5657_0.96	HILIC	neg	0.96	747.5657			4		0.23895	0.58060	-0.28	1.33	-0.33	-0.50	0.32	0.04	0.07210	0.51254	-0.29	0.14	-0.											

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
HILICneg_804.1764_0.36	HILIC	neg	0.36	804.1764			4		0.69997	0.87732	-0.14	0.70	-0.23	0.43	0.13	-0.10	0.17501	0.68961	-0.39	-0.58	0.23	-0.31	0.14	-0.23	-0.03			
RPneg_804.54041_10.125	RP	neg	10.125	804.5404			4		0.03608	0.31074	-0.44	-0.06	0.07	-0.46	0.07	-0.23	0.70705	0.95248	-0.21	0.06	-0.40	0.81	-0.25	-0.20	-0.04			
RPpos_805.0281_10.87	RP	pos	10.87	805.0281			4		0.03151	0.29799	-0.41	-0.04	-0.16	-0.38	-0.26	-0.40	0.47098	0.89070	-0.11	0.64	0.13	-0.01	0.13	0.01	-0.09			
RPpos_805.0536_12.64	RP	pos	12.64	805.0536			4		0.00955	0.83320	-0.05	-0.05	0.23	0.05	0.17	-0.38	0.57141	0.92183	-0.19	-0.46	-0.15	-0.51	0.40	-0.02	-0.08			
RPpos_805.4223_11.21	RP	pos	11.21	805.4223			4		0.34246	0.73275	-0.21	-0.36	0.39	-0.01	-0.41	0.66	0.71017	0.93780	-0.14	-0.24	0.54	-0.16	0.26	-0.44	-0.20			
RPpos_805.5281_12.755	RP	pos	12.755	805.5281			4		0.31737	0.64943	-0.28	0.66	-0.27	-0.54	0.04	-0.13	0.81484	0.93780	-0.03	0.37	0.50	-0.25	0.48	-0.18	-0.57			
HILICpos_805.6229_0.75	HILIC	pos	0.75	805.6229			4		0.43180	0.73132	0.14	0.27	0.27	-0.15	0.63	0.03	0.19864	0.71460	0.37	0.49	0.24	0.03	0.69	0.55	-0.27			
RPpos_806.3859_11.96	RP	pos	11.96	806.3859			4		0.64362	0.84910	0.07	-0.09	0.73	-0.07	0.13	0.22	0.87091	0.98085	-0.13	-0.28	-0.07	-0.01	0.24	-0.54	-0.27			
RPneg_806.49609_12.99	RP	neg	12.99	806.4961			4		0.25393	0.59219	0.92	-0.42	0.66	1.90	0.71	0.90	0.49562	0.90014	0.10	0.47	-0.33	0.45	1.07	-0.20	-0.38			
HILICpos_806.5449_0.41	HILIC	pos	0.41	806.5449			4		0.41548	0.71988	-0.12	0.09	0.14	0.14	-0.03	0.27	0.43546	0.87634	-0.34	-0.14	0.19	0.26	-0.41	-0.53	0.29			
HILICpos_806.5685_0.58	HILIC	pos	0.58	806.5685			4		0.12129	0.45664	-0.40	-0.02	-0.15	-0.09	-0.30	-0.10	0.07957	0.52909	-0.33	-0.57	-0.25	-0.36	-0.46	-0.28	-0.19			
HILICneg_808.5479_0.59	HILIC	neg	0.59	808.5479			4		0.36747	0.68420	-0.24	0.04	-0.12	-0.28	-0.16	-0.21	0.95593	0.99446	-0.03	-0.03	0.04	0.03	0.23	-0.11	-0.19			
RPpos_809.0648_12.6	RP	pos	12.6	809.0648			4		0.69684	0.87590	0.06	-0.16	0.48	-0.11	0.13	0.48	0.85208	0.97768	-0.10	-0.04	-0.06	-0.01	0.03	-0.44	-0.25			
RPpos_809.4863_10.55	RP	pos	10.55	809.4863			4		0.04430	0.33379	-0.30	-0.26	-0.08	-0.27	0.05	-0.35	0.64459	0.93797	0.15	-0.03	0.25	0.23	0.17	0.10	0.18			
HILICpos_809.5578_7.08	HILIC	pos	7.08	809.5578			4		0.63446	0.84497	0.15	0.49	0.79	-0.12	-0.13	-0.74	0.01371	0.24969	0.76	0.35	1.28	2.15	0.54	0.11	-0.22			
HILICpos_809.6509_0.84	HILIC	pos	0.84	809.6509			4		0.95108	0.98191	0.04	0.86	-0.13	-0.13	0.45	0.02	0.12174	0.60974	-0.56	-0.36	0.35	-0.46	-0.17	-0.92	-0.75			
RPneg_810.52954_12.392	RP	neg	12.392	810.5295			4		0.11974	0.45552	-0.40	-0.37	-0.01	-0.58	0.26	-0.09	0.91976	0.98860	-0.02	-0.37	0.68	-0.29	0.11	-0.05	0.00			
RPneg_810.5625_13.091	RP	neg	13.091	810.5625			4		0.27421	0.50955	0.53	0.38	0.35	0.64	1.06	0.02	0.82354	0.97342	-0.06	-0.39	0.08	-0.15	-0.08	0.41	-0.17			
RPneg_810.5683_13.087	RP	neg	13.087	810.5683			4		0.68087	0.86745	0.12	0.14	0.06	0.18	0.40	-0.07	0.60094	0.92810	-0.15	-0.01	0.54	-0.07	-0.06	-0.29	-0.29			
RPpos_810.6003_13.56	RP	pos	13.56	810.6003			4		0.56047	0.80943	-0.14	1.06	0.09	-0.45	0.18	-0.01	0.71048	0.95280	0.14	-0.19	-0.26	1.45	0.58	-0.19	-0.34			
RPpos_810.6021_13.44	RP	pos	13.44	810.6021			4		0.44618	0.74176	-0.18	0.25	0.15	-0.14	-0.16	0.20	0.27827	0.78746	-0.28	0.23	-0.27	-0.06	-0.43	-0.25	-0.29			
RPpos_810.6022_14.09	RP	pos	14.09	810.6022			4		0.09184	0.42060	-0.24	0.52	-0.04	-0.32	-0.09	-0.12	0.50516	0.90356	-0.14	0.08	0.04	0.07	-0.08	-0.33	-0.28			
RPneg_811.45557_5.961	RP	neg	5.961	811.4556			4		0.29283	0.62497	-0.33	0.68	0.53	-0.37	-0.25	0.53	0.21472	0.73123	-0.26	-0.50	0.10	-0.25	-0.26	0.18	-0.36			
RPneg_811.46509_10.004	RP	neg	10.004	811.4651			4		0.12217	0.45754	-0.01	0.02	0.03	0.05	0.08	-0.04	0.97334	0.99690	0.12	0.11	0.10	0.15	0.01	0.18	0.15			
HILICpos_812.4008_5.52	HILIC	pos	5.52	812.4008			4		0.17885	0.52425	0.34	-0.03	0.89	0.53	0.40	-0.02	0.02162	0.31075	0.62	0.33	0.89	0.45	1.47	-0.11	0.02			
RPpos_812.4379_10.99	RP	pos	10.99	812.4379			4		0.91344	0.96817	-0.03	-0.40	1.04	-0.01	0.00	0.38	0.51238	0.90634	-0.19	-0.16	-0.23	-0.01	-0.08	-0.33	-0.06			
HILICpos_812.4387_0.44	HILIC	pos	0.44	812.4387			4		0.68820	0.87144	-0.14	-0.33	0.79	-0.12	-0.21	0.33	0.77498	0.96469	-0.10	-0.20	0.15	-0.18	0.17	-0.09	-0.53			
RPpos_812.5029_7.49	RP	pos	7.49	812.5029			4		0.71473	0.88396	0.06	0.02	0.69	0.32	0.07	0.49	0.33246	0.82228	-0.35	-0.27	0.17	0.12	-0.15	-0.47	-0.36			
RPpos_812.5104_10.87	RP	pos	10.87	812.5104			4		0.02676	0.28244	-0.38	0.01	0.13	-0.44	-0.43	-0.41	0.26556	0.77769	-0.06	0.26	-0.16	-0.15	0.36	-0.19	-0.22			
RPpos_812.5565_13.14	RP	pos	13.14	812.5565			4		0.54528	0.80095	-0.21	0.12	-0.25	-0.24	0.12	-0.31	0.28951	0.79452	-0.29	-0.22	0.53	-0.27	-0.56	-0.27	-0.11			
RPneg_812.5798_13.575	RP	neg	13.575	812.5798			4		0.18365	0.52989	-0.22	0.08	-0.39	-0.12	0.13	-0.60	0.24956	0.76578	-0.23	-0.18	-0.15	-0.36	0.33	-0.27	0.10			
HILICpos_812.6118_0.58	HILIC	pos	0.58	812.6118			4		0.07858	0.40137	-0.28	0.39	0.02	-0.38	0.02	0.13	0.58115	0.92438	-0.05	0.10	0.04	0.10	0.07	-0.21	-0.40			
HILICpos_813.331_4.98	HILIC	pos	4.98	813.331			4		0.16323	0.50807	0.61	0.34	0.15	0.34	0.80	0.06	0.10813	0.58714	0.39	-0.01	0.66	0.79	0.06	0.20	-0.35			
RPpos_813.4014_11.68	RP	pos	11.68	813.4014			4		0.36216	0.68042	-0.19	-0.35	0.40	-0.42	-0.17	0.45	0.87614	0.98219	-0.14	0.07	0.10	0.20	0.05	1.11	-0.10			
RPpos_813.4106_12.26	RP	pos	12.26	813.4106			4		0.73838	0.89446	0.07	0.25	0.81	-0.17	-0.01	0.33	0.70637	0.95248	-0.15	-0.13	-0.13	-0.20	0.33	-0.37	-0.28			
RPpos_813.7466_12.26	RP	pos	12.26	813.7466			4		0.71615	0.88449	0.07	-0.16	0.62	0.03	-0.03	0.48	0.38380	0.84921	-0.26	-0.22	-0.35	-0.12	0.01	-0.66	-0.01			
RPpos_816.4218_7.45	RP	pos	7.45	816.4218			4		0.34374	0.66510	-0.40	0.17	0.29	-0.09	0.55	0.11	0.66341	0.94294	-0.15	0.87	0.03	-0.14	-0.15	-0.39	-0.75			
RPneg_816.51654_13.449	RP	neg	13.449	816.5165			4		0.89222	0.96086	-0.15	0.23	0.02	0.07	-0.02	-1.04	0.07362	0.51614	0.82	1.50	0.32	0.90	1.53	-0.03	0.59			
RPpos_817.0094_10.87	RP	pos	10.87	817.0094			4		0.07046	0.38506	-0.27	-0.07	-0.06	0.00	-0.56	-0.18	0.71408	0.95354	0.15	0.18	0.04	0.57	0.15	0.18	-0.26			
HILICpos_817.0413_5.32	HILIC	pos	5.32	817.0413			4		0.19081	0.53656	0.41	0.54	0.62	0.14	0.57	0.59	0.15499	0.66110	0.09	0.07	0.09	-0.13	0.24	0.55	-0.51			
RPneg_817.58996_12.74	RP	neg	12.74	817.5899			4		0.38556	0.69803	-0.27	0.35	-0.34	-0.28	0.09	0.47	0.01531	0.26427	-0.88	-0.49	-0.69	-1.50	-0.72	-0.43	-0.80			
RPpos_817.5994_12.87	RP	pos	12.87	817.5994			4		0.32806	0.65275	-0.24	0.13	0.05	-1.05	0.32	-0.24	0.92743	0.98936	0.05	0.15	-0.06	-0.09	0.16	0.26	-0.22			
RPpos_818.0919_11.96	RP	pos	11.96	818.0919			4		0.87030	0.95134	0.03	-0.14	0.55	-0.02	-0.09	1.11	0.52601	0.91004	-0.23	-0.23	0.12	-0.27	0.12	-0.84	-0.42			
RPneg_818.5451_13.275	RP	neg	13.275	818.5451			4		0.33118	0.65528	-0.29	1.38	-0.02	-0.22	-0.27	-0.53	0.58504	0.92503	-0.13	1.60	-0.09	0.51	-0.21	-0.13	-0.54			
RPneg_818.55298_12.336	RP	neg	12.336	818.5530			4		0.093124	0.29741	-0.57	0.16	-0.37	-0.65	-0.24	-0.58	0.18713	0.70221	0.53	0.72	-0.26	0.34	1.00	0.52	0.29			
RPneg_818.58997_10.576	RP	neg	10.576	818.5900			4		0.62992	0.84348	-0.21	0.28	0.06	-0.12	0.76	0.50	0.90415	0.98415	-0.58	0.15	0.66	0.74	0.36	0.70	-0.16			
RPpos_818.9239_11.2	RP	pos	11.2	818.9239			4		0.48783	0.78988	-0.38	0.38	0.25	-0.34	0.22	0.68	0.53388	0.91321	-0.20	0.22	-0.23	0.01	0.39	-0.56	-0.21			
HILICpos_819.3721_5.2	HILIC	pos	5.2	819.3721			4		0.71475	0.88396	0.10	0.07	0.37	0.64	0.10	-0.27	0.12187	0.60974	0.70	0.93	0.63	0.82	1.13	0.17	0.10			
RPpos_819.4578_10.76	RP	pos	10.76	819.4578			4		0.72911	0.88963	-0.11	-0.54	1.02	-0.01	-0.12	0.49	0.48398	0.89667	-0.22	-0.19	-0.02							

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)														
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline		IV-ASA		BRAC=0	Baseline		IV-Ghrelin or Placebo		BRAC=0	Baseline		Post-LD		IV-Ghrelin or Placebo		IV-AC		Post-AC		BRAC=0				
									p	q	d	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d	d	d		
RPpos_832.5808_13.76	RP	pos	13.76	832.5808			4		0.15775	0.50087	-0.41	-0.12	0.37	-0.34	-0.21	0.17	0.28695	0.79369	-0.59	0.46	0.36	-1.23	-0.62	-0.59	0.42								
RPpos_832.5862_12.99	RP	pos	12.99	832.5862			4		0.03626	0.31110	-0.44	0.48	-0.37	-0.58	-0.10	-0.33	0.03570	0.38620	-0.41	-0.69	-0.21	-0.37	0.04	-0.71	-0.21								
RPneg_833.29187_8.777	RP	neg	8.777	833.2919			4		0.49368	0.77316	-0.10	-0.12	-0.11	-0.23	0.30	-0.06	0.07139	0.51098	0.22	-0.13	0.33	0.18	0.09	0.57	-0.05								
RPpos_834.3652_5.65	RP	pos	5.65	834.3652			4		0.04612	0.33734	-0.47	-0.35	-0.44	0.12	-0.65	-0.72	0.07440	0.51712	-0.40	0.14	-0.22	-0.44	-0.63	-0.85	0.40								
RPpos_834.4528_10.99	RP	pos	10.99	834.4528			4		0.95127	0.98202	-0.44	-0.23	0.96	0.03	-0.14	0.43	0.61835	0.93255	-0.16	-0.13	0.03	-0.15	-0.19	-0.54	-0.07								
RPneg_834.4531_0.44	HILIC	pos	0.44	834.4531			4		0.58470	0.97832	0.03	0.25	1.34	0.02	-0.62	0.55	0.65390	0.84001	-0.16	-0.11	-0.08	-0.24	0.01	-0.34	-0.38								
HILICneg_834.5657_0.58	HILIC	neg	0.58	834.5657			4		0.35497	0.67425	-0.31	-0.12	0.02	-0.41	0.01	-0.08	0.92533	0.98905	0.08	0.12	0.30	0.08	0.14	0.10	-0.24								
RPneg_834.59827_10.842	RP	neg	10.842	834.5983			4		0.26224	0.59983	0.11	0.03	-0.17	-0.31	1.37	-0.26	0.61677	0.93222	-0.04	-0.36	0.28	-0.08	-0.05	0.08	-0.06								
RPpos_835.4141_11.66	RP	pos	11.66	835.4141			4		0.97032	0.98871	-0.01	-0.38	0.25	0.06	0.03	0.57	0.49341	0.89856	-0.38	-0.09	-0.18	-0.11	-0.27	-1.19	-0.26								
HILICpos_835.4156_0.41	HILIC	pos	0.41	835.4156			4		0.86549	0.94973	0.00	-0.18	0.53	-0.03	0.01	0.44	0.57197	0.92217	-0.21	-0.13	-0.28	-0.12	0.27	-0.55	-0.30								
RPpos_838.4183_12.56	RP	pos	12.56	838.4183			4		0.38059	0.69486	0.12	-0.17	0.37	0.06	0.00	1.29	0.62214	0.93343	-0.17	0.00	-0.05	-0.04	-0.01	-0.83	-0.04								
RPneg_838.55945_12.859	RP	neg	12.859	838.5595			4		0.54594	0.80131	-0.22	0.05	0.22	-0.16	-0.35	0.00	0.60031	0.92810	0.27	-0.46	0.19	0.33	0.56	0.11	-0.29								
HILICpos_838.8353_4.3	HILIC	pos	4.3	838.8353			4		0.06241	0.36949	-0.60	-0.16	0.29	-0.59	-0.22	-0.21	0.59009	0.92655	-0.11	0.09	-0.63	0.18	-0.79	0.12	0.14								
RPneg_840.53033_12.711	RP	neg	12.711	840.5303			4		0.03464	0.30556	-0.63	0.32	-0.22	-0.33	-0.28	-0.56	0.12123	0.60896	0.44	-0.16	0.43	0.70	0.64	-0.02	-0.20								
HILICneg_840.6102_0.59	HILIC	neg	0.59	840.6102			4		0.34198	0.66388	-0.26	0.25	-0.02	-0.46	0.25	-0.33	0.59418	0.92734	0.21	0.28	0.15	0.24	0.24	0.16	-0.34								
RPpos_841.4707_10.76	RP	pos	10.76	841.4707			4		0.64398	0.84924	-0.14	-0.24	1.07	-0.20	-0.16	0.43	0.45799	0.88460	-0.22	-0.14	-0.05	-0.25	0.11	-0.59	-0.33								
HILICpos_841.4707_0.46	HILIC	pos	0.46	841.4707			4		0.88077	0.95574	0.00	-0.12	1.20	0.12	-0.11	0.46	0.64774	0.93906	-0.15	-0.26	-0.08	0.00	0.03	-0.43	-0.20								
RPneg_841.5694_12.898	RP	neg	12.898	841.5694			4		0.38826	0.70200	-0.17	0.18	0.00	-0.02	0.10	-0.64	0.74318	0.96035	0.03	-0.06	0.41	-0.20	0.12	-0.24	-0.08								
RPpos_842.4315_11.42	RP	pos	11.42	842.4315			4		0.86829	0.95065	0.01	-0.11	0.62	0.02	-0.10	0.50	0.75863	0.96233	-0.13	0.10	0.00	-0.11	0.19	-0.61	-0.13								
RPpos_842.4611_10.22	RP	pos	10.22	842.4611			4		0.02542	0.27880	-0.31	0.10	-0.23	0.06	0.15	-0.56	0.83610	0.97570	0.08	1.06	0.17	0.02	0.18	0.19	-0.27								
HILICpos_842.6058_0.56	HILIC	pos	0.56	842.6058			4		0.31596	0.64337	-0.30	-0.12	-0.07	0.46	0.05	-0.19	0.60629	0.92920	-0.11	-0.40	0.10	-0.14	-0.08	0.01	-0.06								
RPpos_843.3953_12.25	RP	pos	12.25	843.3953			4		0.55622	0.80750	-0.16	-0.20	0.45	-0.35	-0.11	0.61	0.62262	0.93343	-0.20	-0.04	-0.21	-0.22	0.13	-0.42	-0.27								
RPneg_844.56415_13.859	RP	neg	13.859	844.5642			4		0.38132	0.69515	-0.34	0.38	0.02	-0.70	0.52	-0.63	0.55949	0.91988	0.18	0.48	-0.26	0.08	0.75	-0.19	1.16								
RPpos_845.4066_11.42	RP	pos	11.42	845.4066			4		0.70196	0.87832	-0.12	-0.47	0.41	-0.34	0.36	0.43	0.98241	0.99752	-0.03	0.09	-0.15	0.03	0.45	-0.57	-0.17								
HILICneg_847.5192_0.92	HILIC	neg	0.92	847.5192			4		0.00102	0.06451	-0.63	0.04	-0.17	-0.70	-0.75	-0.52	0.58529	0.92503	-0.36	1.01	-0.09	-0.29	-0.56	-0.23	-0.57								
HILICneg_848.5408_0.6	HILIC	neg	0.6	848.5408			4		0.41181	0.71682	-0.19	-0.05	0.63	-0.15	-0.25	-0.20	0.95183	0.99379	0.04	-0.29	0.26	0.43	0.26	-0.28	-0.03								
RPneg_848.54669_12.395	RP	neg	12.395	848.5467			4		0.79842	0.92217	0.07	0.28	0.22	0.02	0.29	-0.09	0.40568	0.86018	0.35	-0.02	-0.09	0.77	0.57	0.30	0.04								
RPneg_848.54669_12.487	RP	neg	12.487	848.5467			4		0.76625	0.90843	-0.12	0.28	0.27	-0.25	-0.08	0.37	0.81394	0.97171	-0.09	-0.39	0.01	0.57	-0.25	-0.19	-0.29								
RPneg_849.11841_9.746	RP	neg	9.746	849.1184			4		0.57692	0.81658	-0.10	0.57	-0.07	-0.72	0.68	0.72	0.97635	0.99711	0.00	-0.40	0.22	0.01	0.20	-0.08	-0.16								
RPneg_849.49133_12.195	RP	neg	12.195	849.4913			4		0.96084	0.98615	-0.07	0.31	-0.01	-0.08	0.00	0.08	0.18426	0.70014	-0.28	-0.25	-0.35	-0.29	-0.30	0.06	0.07								
HILICneg_849.5333_0.92	HILIC	neg	0.92	849.5333			4		0.00407	0.13050	-0.48	-0.08	-0.20	-0.43	-0.51	-0.30	0.15867	0.66716	-0.36	-0.38	-0.34	-0.07	-0.07	-0.48	-0.69								
RPpos_850.4109_11.93	RP	pos	11.93	850.4109			4		0.96498	0.98767	-0.01	-0.26	0.75	0.02	-0.09	0.55	0.23522	0.73301	-0.49	0.05	-0.23	-0.32	0.06	-1.77	-0.29								
HILICneg_850.5613_0.16	HILIC	neg	0.16	850.5613			4		0.02909	0.38012	-0.51	-0.06	-0.39	-0.42	-0.15	-0.37	0.08992	0.55360	-0.57	0.83	-0.35	-0.14	0.33	-0.61	-0.56								
RPpos_854.5646_0.56	HILIC	pos	0.56	854.5646			4		0.26246	0.59966	-0.26	0.10	0.14	-0.33	-0.10	-0.46	0.47121	0.89083	0.06	0.15	0.13	0.18	0.13	0.17	0.04								
RPpos_854.5659_13	RP	pos	13	854.5659			4		0.70229	0.87844	-0.18	0.06	-0.12	-0.24	0.05	-0.61	0.26284	0.77537	0.41	-0.09	1.79	0.45	0.29	-0.42	-0.01								
RPneg_854.58887_13.669	RP	neg	13.669	854.5889			4		0.25230	0.59105	-0.16	0.05	0.04	-0.17	0.09	0.05	0.47466	0.89269	-0.27	0.17	-0.37	-0.21	-0.12	-0.34	-0.11								
RPneg_854.58942_13.862	RP	neg	13.862	854.5894			4		0.35103	0.67130	-0.22	0.38	0.02	-0.26	0.12	-0.82	0.73466	0.95858	0.20	1.32	-0.29	0.18	0.28	-0.21	0.73								
RPneg_855.47894_6.081	RP	neg	6.081	855.4789			4		0.15843	0.50161	-0.30	0.04	0.50	-0.09	-0.32	-0.48	0.20446	0.72067	-0.41	0.04	-0.27	-0.92	-0.46	-0.10	-0.56								
HILICpos_856.4641_0.45	HILIC	pos	0.45	856.4641			4		0.76612	0.90836	-0.10	-0.27	1.06	-0.08	-0.09	0.40	0.31619	0.81258	-0.39	-0.19	-0.18	-0.35	-0.51	-0.51	-0.65								
RPpos_856.4642_10.98	RP	pos	10.98	856.4642			4		0.34768	0.66831	-0.26	-0.19	0.43	-0.32	-0.36	-0.34	0.68087	0.94778	-0.21	0.06	0.11	-0.11	-0.42	-0.91	-0.13								
HILICpos_856.5298_0.51	HILIC	pos	0.51	856.5298			4		0.52323	0.78939	-0.22	-0.15	1.07	-0.32	-0.29	0.69	0.31500	0.81229	-0.30	-0.26	-0.06	-0.39	0.06	-0.17	-0.45								
RPpos_856.5333_7.55	RP	pos	7.55	856.5333			4		0.38363	0.69682	-0.25	0.21	1.97	-0.68	0.02	0.48	0.38683	0.85033	-0.36	-0.06	0.14	-0.55	0.09	-0.17	-0.50								
RPpos_857.4271_11.65	RP	pos	11.65	857.4271			4		0.74291	0.89720	0.05	-0.15	0.73	-0.01	0.04	0.47	0.63375	0.93546	-0.18	-0.04	-0.23	-0.15	0.10	-0.50	-0.18								
HILICpos_857.4280_0.41	HILIC	pos	0.41	857.4280			4		0.61836	0.83790	0.10	-0.28	0.86	0.12	0.12	0.39	0.77021	0.96458	0.11	0.22	0.05	0.00	0.35	-0.30	-0.07								
RPpos_858.3912_12.59	RP	pos	12.59	858.3912			4		0.84821	0.94327	-0.07	-0.13	0.50	-0.11	-0.04	-0.13	0.07383	0.51671	-0.59	-0.09	-0.50	-0.30	0.12	0.96	-0.71								
HILICneg_858.613_0.16	HILIC	neg	0.16	858.6130			4		0.04804	0.34179	-0.52	0.13	-0.36	-0.72	0.10	-0.27	0.16345	0.67417	-0.36	-0.09	-0.17	-0.13	-0.17	-0.39	-0.81								
HILICpos_860.6107_0.57	HILIC	pos	0.57	860.6107			4		0.24453	0.58541	-0.18	0.23	0.15	-0.34	0.15	-0.02	0.73119	0.95784	-0.46	-0.06	0.08	0.09	0.11	-0.08	-0.34								
RPpos_860.6671_11.73	RP	pos	11.73	860.6671			4		0.70246	0.87845	-0.12	-0.09	0.09	0.25	-0.11	-0.21	0.14896	0.65278	-0.26	-0.52	-0.50	-0.15	-0.09	-0.04	0.03								
HILICneg_862.5945_0.58	HILIC	neg	0.58	862.59																													

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-AC				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_883.54187_12.754	RP	neg	12.754	883.5419			4		0.42217	0.72467	-0.34	-0.01	-1.19	0.18	0.45	-0.58	0.78650	0.96713	0.02	0.14	-0.04	-0.07	-0.16	0.29	-0.06			
HILICpos_885.4931_0.47	HILIC	pos	0.47	885.4931			4		0.95070	0.98167	-0.03	-0.15	0.24	0.36	-0.20	0.45	0.16651	0.67772	-0.47	-0.46	-0.27	-0.54	-0.38	-0.63	-0.37			
RPpos_885.4932_10.75	RP	pos	10.75	885.4932			4		0.67705	0.86597	-0.12	-0.35	0.40	-0.08	-0.24	0.65	0.59512	0.92751	-0.37	-0.06	0.10	-0.43	-0.21	-0.80	-0.40			
HILICneg_886.2239_0.48	HILIC	neg	0.48	886.2239			4		0.08885	0.41681	-0.44	0.36	0.54	0.37	0.39	0.86	0.16585	0.67711	-0.57	-0.58	-0.57	-0.61	-0.57	-0.50	-0.42			
RPpos_886.4566_11.4	RP	pos	11.4	886.4566			4		0.58494	0.82130	-0.04	-0.28	0.24	-0.33	-0.03	0.76	0.76495	0.14329	-0.18	-0.01	-0.41	0.17	-0.16	-0.98	-0.12			
RPpos_892.4202_12.2	RP	pos	12.2	892.4202			4		0.79238	0.91903	0.04	0.01	0.67	0.08	0.00	0.29	0.51011	0.90515	-0.24	-0.16	0.13	-0.25	0.21	-0.77	-0.06			
RPpos_892.5154_10.48	RP	pos	10.48	892.5154			4		0.60496	0.83167	0.08	-0.37	0.86	0.06	0.08	0.79	0.12194	0.60991	-0.24	0.00	-0.27	-0.44	-0.20	0.05	-0.35			
RPneg_892.53082_12.675	RP	neg	12.675	892.5308			4		0.61168	0.83397	-0.11	0.14	0.38	-0.18	-0.09	0.23	0.69341	0.95008	-0.10	-0.39	-0.04	0.20	-0.05	0.03	-0.23			
RPneg_892.53168_12.564	RP	neg	12.564	892.5317			4		0.67452	0.86434	-0.09	0.36	0.59	-0.17	0.10	-0.54	0.72527	0.95608	0.09	-0.19	-0.14	-0.12	0.98	-0.13	0.32			
RPneg_893.19202_9.55	RP	neg	9.55	893.1920			4		0.16955	0.51416	-0.42	-0.17	-0.18	0.32	0.14	-0.25	0.98410	0.99770	0.01	0.00	0.30	-0.27	-0.01	-0.12	0.25			
RPpos_893.4764_11.18	RP	pos	11.18	893.4764			4		0.84741	0.94292	0.02	-0.31	0.77	0.02	0.19	0.53	0.78863	0.96713	-0.10	-0.14	0.06	-0.17	0.09	-0.42	-0.13			
RPneg_893.47998_12.308	RP	neg	12.308	893.4800			4		0.09126	0.42003	-0.23	0.37	-0.18	-0.35	0.32	0.10	0.65602	0.94038	0.18	0.05	0.18	0.06	0.47	0.04	-0.17			
RPpos_894.439_11.89	RP	pos	11.89	894.4390			4		0.87659	0.95377	0.03	-0.15	0.53	0.05	-0.04	0.41	0.20175	0.71758	-0.31	-0.45	-0.54	0.32	0.14	-0.93	-0.32			
RPneg_894.54993_12.801	RP	neg	12.801	894.5499			4		0.33965	0.66217	-0.34	-0.08	-0.14	-0.05	0.10	-0.70	0.50432	0.90327	0.09	0.27	0.03	0.08	0.13	-0.07	0.33			
RPneg_894.5827_10.878	RP	neg	10.878	894.5827			4		0.23396	0.57555	0.53	0.55	-0.12	0.22	1.35	0.24	0.56871	0.92109	-0.25	-1.05	-0.28	-0.30	-0.18	0.38	0.38			
RPneg_895.44067_13.186	RP	neg	13.186	895.4407			4		0.14405	0.48463	-0.47	0.81	-0.46	-0.50	0.14	-0.49	0.30480	0.80494	-0.27	-0.07	-0.36	-0.12	0.03	-0.36	-0.38			
RPneg_895.63434_10.914	RP	neg	10.914	895.6343			4		0.00147	0.07759	1.29	-0.04	0.35	1.00	2.25	-0.57	0.42077	0.86863	-0.20	-0.21	0.27	-0.42	-0.03	-0.26	-0.17			
RPneg_897.62048_9.322	RP	neg	9.322	897.6205			4		0.05342	0.35293	0.17	-0.07	0.12	0.10	1.00	2.01	0.41519	0.86524	0.52	-0.21	0.49	0.60	0.69	1.27	-0.44			
RPneg_897.62095_9.174	RP	neg	9.174	897.6209			4		0.01040	0.19377	0.69	0.05	0.76	1.01	1.88	1.28	0.00915	0.20313	-0.33	-0.10	0.46	0.17	-0.01	-0.02	-0.38			
RPneg_898.55695_12.538	RP	neg	12.538	898.5570			4		0.36317	0.68113	-0.44	-0.03	-0.24	-0.47	-0.40	0.33	0.51473	0.90650	0.34	0.18	0.34	0.48	0.39	0.02	0.16			
HILICneg_898.5581_0.58	HILIC	neg	0.58	898.5581			4		0.17616	0.52162	-0.26	0.06	0.33	-0.05	-0.41	-0.72	0.45280	0.88300	0.24	0.29	0.69	0.19	0.25	-0.03	-0.11			
RPneg_898.57861_13.998	RP	neg	13.998	898.5786			4		0.76644	0.90851	0.11	0.65	-0.09	-0.13	0.78	0.28	0.96554	0.99645	-0.02	0.07	0.02	-0.02	-0.12	-0.15	0.15			
RPneg_899.51819_10.003	RP	neg	10.003	899.5182			4		0.94633	0.98034	0.02	-0.03	0.08	0.02	0.12	0.14	0.48184	0.89522	0.23	0.25	0.26	0.26	0.18	0.25	0.14			
RPpos_899.6326_9.17	RP	pos	9.17	899.6326			4		0.04057	0.32205	0.64	0.03	0.70	0.92	1.54	1.94	0.06178	0.48428	0.16	-0.27	0.10	0.93	0.15	-0.03	-0.38			
RPpos_900.4905_10.97	RP	pos	10.97	900.4905			4		0.86872	0.95080	-0.06	-0.27	0.86	0.05	-0.16	0.40	0.52586	0.91004	-0.18	-0.17	-0.09	-0.18	0.13	-0.48	-0.12			
HILICpos_900.5552_0.52	HILIC	pos	0.52	900.5552			4		0.49912	0.77597	-0.23	-0.13	0.89	-0.17	-0.36	0.37	0.42327	0.87004	-0.25	-0.29	-0.10	-0.24	0.18	-0.10	-0.54			
HILICpos_900.6790_0.55	HILIC	pos	0.55	900.6790			4		0.48925	0.77067	-0.18	1.20	0.19	-0.56	0.26	-0.32	0.79802	0.96921	-0.01	0.02	0.40	-0.01	0.24	-0.38	-0.43			
RPpos_901.4529_11.63	RP	pos	11.63	901.4529			4		0.58762	0.82282	-0.13	-0.31	0.43	-0.27	-0.14	0.69	0.62489	0.93385	-0.27	-0.21	-0.13	-0.10	-0.39	-0.72	-0.17			
HILICpos_901.454_0.42	HILIC	pos	0.42	901.4540			4		0.78084	0.91422	0.01	-0.02	0.51	0.00	0.03	0.77	0.57067	0.92145	-0.26	-0.20	-0.26	0.01	0.14	-0.67	-0.18			
RPneg_901.6806_11.193	RP	neg	11.193	901.6806			4		0.00060	0.04712	2.15	0.02	0.65	1.56	4.35	-0.14	0.94209	0.99162	-0.07	-0.16	0.11	-0.11	-0.10	-0.12	0.03			
RPneg_904.59857_11.936	RP	neg	11.936	904.5986			4		0.24092	0.58195	-0.26	0.60	-0.20	-0.34	-0.04	0.00	0.56041	0.91988	-0.34	1.09	-0.30	-0.35	-0.30	-0.32	-0.69			
HILICpos_905.4805_6.22	HILIC	pos	6.22	905.4805			4		0.29188	0.62456	-0.12	-0.04	0.13	-0.14	-0.12	0.08	0.16264	0.67267	0.56	0.06	0.33	1.09	0.59	1.38	-0.15			
HILICpos_906.8251_1.3	HILIC	pos	1.3	906.8251			4		0.13752	0.47749	-0.44	-0.03	-0.06	0.00	-0.24	-0.06	0.89725	0.98504	-0.08	-0.33	0.12	-0.59	0.13	-0.92	-0.31			
RPpos_907.5096_10.74	RP	pos	10.74	907.5096			4		0.97622	0.99080	-0.03	-0.30	0.85	0.02	-0.23	0.94	0.98349	0.99758	-0.03	-0.11	0.06	0.02	0.41	-0.24	-0.41			
HILICpos_907.5101_0.47	HILIC	pos	0.47	907.5101			4		0.93639	0.97709	-0.06	-0.01	0.81	0.05	-0.22	0.19	0.74645	0.96075	-0.11	-0.27	-0.01	0.04	0.18	-0.45	-0.17			
HILICpos_908.4691_0.43	HILIC	pos	0.43	908.4691			4		0.90339	0.96437	-0.06	-0.29	0.38	-0.01	0.28	0.39	0.57342	0.92255	-0.19	-0.06	-0.08	-0.36	0.15	-0.60	0.06			
RPpos_908.4695_11.39	RP	pos	11.39	908.4695			4		0.95952	0.98578	-0.03	-0.26	0.81	0.16	-0.11	0.59	0.94399	0.99197	-0.10	-0.12	-0.09	-0.01	0.05	-0.59	-0.12			
RPpos_909.4315_12.19	RP	pos	12.19	909.4315			4		0.97437	0.99033	-0.02	-0.26	0.42	0.06	-0.08	0.45	0.95793	0.99495	-0.07	-0.29	-0.08	0.05	0.12	-0.60	-0.05			
RPpos_911.4976_12.62	RP	pos	12.62	911.4976			4		0.59848	0.82782	0.13	0.02	0.37	0.46	0.05	0.45	0.73173	0.95793	-0.11	-0.40	-0.29	-0.08	0.00	0.20	-0.11			
HILICpos_912.5765_0.5	HILIC	pos	0.5	912.5765			4		0.87338	0.95270	-0.03	0.15	0.16	0.20	-0.17	0.37	0.42988	0.87352	0.17	0.23	0.13	0.11	0.95	-0.31	-0.10			
HILICpos_914.4606_0.78	HILIC	pos	0.78	914.4606			4		0.60928	0.83311	-0.15	-0.23	0.33	-0.25	0.75	0.00	0.33262	0.82228	0.65	0.78	0.45	1.30	-0.01	0.21	-0.16			
RPneg_914.58875_12.589	RP	neg	12.589	914.5888			4		0.62183	0.83934	0.13	0.14	0.18	0.00	0.19	0.79	0.94130	0.99159	0.05	-0.07	0.16	0.15	-0.14	0.24	0.15			
HILICpos_915.4881_0.45	HILIC	pos	0.45	915.4881			4		0.31249	0.64048	0.26	-0.22	1.41	0.66	-0.05	1.07	0.88152	0.98281	-0.03	-0.12	0.28	0.09	0.48	-0.32	-0.23			
RPpos_915.4911_11.17	RP	pos	11.17	915.4911			4		0.74628	0.89882	0.07	-0.23	0.55	0.05	0.28	0.62	0.01814	0.28746	-0.44	-0.47	-0.23	-0.38	-0.58	-0.50	-0.24			
RPpos_916.4503_11.88	RP	pos	11.88	916.4503			4		0.72943	0.88974	0.06	-0.27	0.79	0.00	0.05	0.52	0.63105	0.93546	-0.19	-0.12	-0.18	-0.09	0.14	-0.69	-0.18			
RPneg_916.5348_12.393	RP	neg	12.393	916.5348			4		0.62139	0.83908	-0.14	-0.27	0.24	-0.05	-0.22	-0.12	0.97199	0.99673	0.00	0.01	0.64	0.24	0.05	-0.34	-0.27			
RPneg_918.54468_12.719	RP	neg	12.719	918.5447			4		0.15395	0.49686	-0.40	-0.36	0.05	-0.21	-0.30	-0.20	0.67347	0.94630	-0.14	-0.36	-0.25	0.04	0.74	-0.09	-0.64			
RPneg_918.54529_12.944	RP	neg	12.944	918.5453			4		0.02876	0.31745	-0.79	-0.36	-0.88	-0.49	-0.19	-0.25	0.84418	0.97670	-0.06	0.94	-0.16	-0.41	0.03	1.63	-0.61			
RPneg_919.60101_9.174	RP	neg	9.174	919.6010			4		0.00287	0.10999	-0.96	0.17	1.31	1.38	1.43	1.06												

Feature_ID	Mode	Ionization	Average_Rt.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)												IV-Alcohol clamp (IV-AC)											
									Area Under the Curve (AUC)						IV-Ghrelin or Placebo						Area Under the Curve (AUC)						IV-Ghrelin or Placebo					
									Baseline		IV-ASA		BrAc=0		Baseline		Post-LD		IV-AC		Post-AC		BrAc=0		Baseline		IV-AC		Post-AC		BrAc=0	
									p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d	p	q	d	d	d	d
HILICpos_960.474_0.42	HILIC	pos	0.42	960.4740			4		0.28907	0.62228	0.22	-0.25	0.84	0.27	0.35	0.50	0.59118	0.92657	-0.22	-0.02	-0.35	-0.05	0.14	-0.59	-0.24							
RPpos_960.4779_11.85	RP	pos	11.85	960.4779			4		0.90083	0.96348	0.02	-0.49	1.15	0.24	-0.13	0.39	0.28912	0.79431	-0.30	-0.21	-0.19	-0.12	-0.02	-0.65	-0.14							
HILICpos_960.5921_0.64	HILIC	pos	0.64	960.5921			4		0.27618	0.61132	-0.35	-0.70	0.30	-0.74	0.45	0.44	0.02459	0.32996	-0.68	-0.29	-0.47	-0.47	-0.21	-0.34	-0.52							
RPneg_961.18115_9.371	RP	neg	9.371	961.1812			4		0.25207	0.59089	-0.22	-0.50	-0.22	-0.04	0.17	-0.50	0.25841	0.77329	0.33	-0.11	-0.34	0.67	0.39	0.48	0.37							
RPneg_961.60583_11.388	RP	neg	11.388	961.6058			4		0.71335	0.88230	0.22	-0.70	-0.28	1.00	0.16	-0.35	0.94896	0.44822	-0.58	-0.27	-0.33	0.11	-0.21	-0.61	-0.53							
RPpos_962.6337_11.52	RP	pos	11.52	962.6337			4		0.09077	0.41922	-0.42	-0.00	-0.17	0.17	-0.00	0.00	0.53166	0.81262	-0.21	-0.12	-0.10	0.21	0.25	0.42	0.91							
RPneg_965.11945_9.808	RP	neg	9.808	965.1195			4		0.20168	0.54659	-0.34	0.01	-0.04	-0.10	-0.43	0.10	0.74808	0.96115	-0.10	0.01	-0.49	-0.45	-0.48	0.87	0.57							
HILICpos_966.5289_0.47	HILIC	pos	0.47	966.5289			4		0.72099	0.88627	-0.13	-0.15	1.21	-0.26	-0.12	0.60	0.71917	0.95532	-0.15	-0.11	-0.20	-0.20	-0.07	-0.14	-0.15							
RPpos_966.5317_10.95	RP	pos	10.95	966.5317			4		0.92075	0.97116	-0.05	-0.50	1.11	-0.05	-0.18	0.16	0.94793	0.99293	-0.03	-0.27	0.11	0.22	0.36	-0.63	-0.08							
RPneg_966.56848_9.998	RP	neg	9.998	966.5685			4		0.90477	0.96491	0.03	0.00	0.03	0.04	0.18	0.17	0.13619	0.63435	0.25	0.02	0.15	0.20	0.59	0.38	0.15							
HILICpos_967.4904_0.43	HILIC	pos	0.43	967.4904			4		0.56512	0.81168	0.12	-0.14	0.81	-0.03	0.14	1.05	0.85025	0.97755	-0.13	-0.19	0.26	0.03	0.50	-0.99	-0.41							
RPpos_967.4924_11.59	RP	pos	11.59	967.4924			4		0.72388	0.88739	0.09	-0.14	0.59	0.00	0.30	0.26	0.84816	0.97736	-0.14	-0.09	0.08	-0.27	0.07	-0.49	-0.19							
RPpos_968.4544_12.47	RP	pos	12.47	968.4544			4		0.43037	0.73046	0.18	-0.36	0.67	0.41	0.11	0.72	0.48842	0.89812	-0.24	-0.13	-0.26	-0.14	0.19	-0.83	-0.17							
HILICneg_970.1821_0.52	HILIC	neg	0.52	970.1821			4		0.07694	0.39797	-0.25	-0.14	-0.09	-0.02	-0.05	-0.07	0.00114	0.06196	0.34	-0.18	0.25	0.62	0.24	0.39	0.43							
HILICneg_971.2211_0.37	HILIC	neg	0.37	971.2211			4		0.16089	0.50434	-0.44	-0.25	-0.11	-0.02	0.02	-0.30	0.77136	0.96458	-0.03	0.57	0.26	-0.19	0.18	-0.15	-0.60							
RPneg_971.60547_10.308	RP	neg	10.308	971.6055			4		0.05142	0.34857	-0.42	-0.10	0.05	-0.39	-0.29	-0.21	0.56414	0.92038	-0.15	-0.19	-0.16	-0.02	0.16	-0.13	-0.41							
RPpos_973.548_10.72	RP	pos	10.72	973.5480			4		0.92623	0.97350	0.02	-0.05	0.50	-0.03	0.09	0.59	0.70541	0.95242	-0.11	-0.12	-0.12	0.01	-0.14	-0.13	-0.17							
RPpos_973.6216_10.29	RP	pos	10.29	973.6216			4		0.18484	0.53123	-0.22	-0.29	0.03	0.27	-0.09	-0.48	0.73123	0.95785	-0.06	0.04	-0.13	-0.14	0.22	0.04	-0.15							
RPpos_974.51_11.36	RP	pos	11.36	974.5100			4		0.83552	0.93852	-0.06	-0.55	0.89	0.01	-0.10	0.29	0.67844	0.94718	0.21	0.00	-0.33	0.11	-0.21	0.05	-0.25							
HILICpos_974.5122_0.44	HILIC	pos	0.44	974.5122			4		0.68954	0.87654	-0.12	-0.32	0.29	-0.17	-0.11	0.63	0.66138	0.94278	-0.15	-0.11	-0.13	-0.14	0.12	-0.60	0.10							
RPpos_975.4708_12.13	RP	pos	12.13	975.4708			4		0.98432	0.99408	0.00	0.00	0.37	-0.12	-0.02	0.63	0.29720	0.79957	-0.48	-0.11	-0.29	0.10	0.04	-1.11	-0.38							
RPpos_975.6416_10.43	RP	pos	10.43	975.6416			4		0.92917	0.97471	-0.08	-0.11	0.17	0.37	0.14	-0.09	0.80379	0.96983	0.11	-0.43	0.36	-0.03	0.46	0.10	-0.19							
RPneg_977.14502_9.635	RP	neg	9.635	977.1450			4		0.70417	0.87908	-0.14	-0.11	0.50	0.26	-0.01	-0.42	0.58132	0.92438	-0.13	0.16	-0.28	0.40	-0.16	-0.88	0.25							
RPpos_979.5789_10.24	RP	pos	10.24	979.5789			4		0.54392	0.80034	0.17	-0.16	0.38	0.49	0.37	0.26	0.55562	0.91894	-0.18	-0.65	-0.61	-0.02	0.32	0.03	-0.43							
RPneg_979.59833_9.877	RP	neg	9.877	979.5983			4		0.39023	0.70143	-0.16	0.00	-0.06	-0.02	0.21	-0.24	0.41073	0.86351	-0.27	-0.34	-0.25	-0.29	0.20	-0.30	-0.25							
RPneg_980.51691_12.947	RP	neg	12.947	980.5169			4		0.20457	0.54850	-0.39	-0.35	-0.08	0.19	-0.43	-0.86	0.72909	0.95711	-0.06	-0.50	0.21	0.12	-0.02	-0.12	-0.32							
RPneg_980.52039_12.72	RP	neg	12.72	980.5204			4		0.81742	0.93044	-0.02	0.64	0.52	-0.56	0.43	-0.22	0.36390	0.83767	0.27	-0.06	-0.06	0.16	0.28	0.37	0.41							
RPpos_981.5308_11.15	RP	pos	11.15	981.5308			4		0.56329	0.81086	0.11	-0.49	0.66	0.32	0.13	0.88	0.66101	0.94265	-0.15	-0.20	-0.15	-0.05	0.20	-0.57	-0.06							
RPpos_982.488_11.84	RP	pos	11.84	982.4880			4		0.88184	0.95617	-0.04	-0.18	0.39	-0.16	-0.09	0.77	0.35316	0.83272	-0.46	-0.20	-0.21	-0.19	-0.36	-1.06	-0.35							
HILICpos_982.4888_0.42	HILIC	pos	0.42	982.4888			4		0.67828	0.86645	0.13	-0.22	0.74	0.00	0.16	0.48	0.93401	0.98984	-0.03	-0.03	-0.34	0.28	0.67	-0.51	-0.02							
RPneg_989.18567_9.362	RP	neg	9.362	989.1857			4		0.01490	0.22933	-0.66	-0.29	-0.41	-0.41	-0.21	0.20	0.29029	0.79495	-0.26	0.48	0.03	-0.17	-0.43	-0.26	-0.20							
RPpos_989.5043_11.58	RP	pos	11.58	989.5043			4		0.94896	0.98117	-0.03	-0.37	0.80	0.04	-0.17	0.24	0.42536	0.87082	-0.25	-0.07	-0.14	-0.16	-0.22	-0.59	-0.20							
HILICpos_989.5060_0.44	HILIC	pos	0.44	989.5060			4		0.58982	0.82596	-0.16	0.01	0.39	0.01	-0.19	0.01	0.55642	0.91825	-0.26	-0.19	0.10	-0.53	0.06	-0.54	-0.33							
RPpos_989.6553_1.28	RP	pos	1.28	989.6553			4		0.11898	0.45534	-0.27	0.10	0.02	-0.28	-0.22	-0.28	0.72789	0.95678	-0.03	-0.22	0.08	-0.17	0.07	0.13	0.14							
RPpos_990.4662_12.45	RP	pos	12.45	990.4662			4		0.90749	0.96591	-0.03	-0.34	0.41	0.01	-0.08	0.40	0.46025	0.88511	-0.29	-0.11	-0.28	-0.23	-0.11	-0.78	-0.15							
RPpos_991.6711_10.3	RP	pos	10.3	991.6711			4		0.02022	0.25817	-0.33	0.07	-0.08	-0.27	-0.28	-0.33	0.11557	0.59943	-0.10	-0.01	-0.04	-0.07	0.08	-0.14	-0.31							
HILICpos_991.6716_1.14	HILIC	pos	1.14	991.6716			4		0.04413	0.33333	-0.31	0.21	-0.11	-0.23	-0.26	-0.29	0.26864	0.78099	-0.11	0.17	-0.23	0.25	0.04	-0.23	-0.57							
RPpos_991.6721_10.43	RP	pos	10.43	991.6721			4		0.01435	0.22650	-0.36	0.11	-0.02	-0.30	-0.19	-0.36	0.12197	0.60994	-0.13	-0.07	0.04	-0.17	-0.06	-0.18	-0.24							
RPneg_995.60803_10.269	RP	neg	10.269	995.6080			4		0.83480	0.93788	0.03	-0.03	0.39	0.11	0.45	0.41	0.79573	0.96825	-0.16	-0.01	-0.15	-0.23	-0.07	0.10	-0.61							
HILICpos_996.522_0.45	HILIC	pos	0.45	996.5220			4		0.96006	0.98597	-0.03	-0.11	0.32	-0.22	0.15	1.24	0.48979	0.89836	-0.23	-0.08	-0.29	-0.07	-0.12	-0.32	-0.09							
RPpos_996.5261_11.35	RP	pos	11.35	996.5261			4		0.82991	0.93540	-0.06	-0.25	0.40	-0.13	0.02	0.47	0.72657	0.95615	0.06	-0.33	0.13	0.01	0.21	-0.33	0.14							
RPpos_997.4874_12.11	RP	pos	12.11	997.4874			4		0.63896	0.84724	0.11	-0.16	0.97	0.03	0.08	0.23	0.06769	0.50095	-0.36	-0.37	-0.25	-0.24	-0.14	-0.49	-0.53							
RPneg_997.62061_10.459	RP	neg	10.459	997.6206			4		0.26339	0.60057	-0.32	-0.12	-0.23	0.17	-0.37	0.33	0.95702	0.99463	-0.01	-0.12	-0.08	0.22	0.21	0.00	0.01							
RPpos_997.6241_10.12	RP	pos	10.12	997.6241			4		0.08310	0.40798	-0.31	-0.06	0.00	-0.12	-0.27	-0.36	0.83807	0.97596	-0.07	0.02	-0.15	0.07	0.22	0.04	-0.34							
RPpos_997.6243_10.25	RP	pos	10.25	997.6243			4		0.30258	0.63180	-0.26	-0.35	0.05	-0.11	-0.18	-0.02	0.73740	0.95884	-0.11	-0.18	-0.21	0.06	0.18	-0.15	-0.33							
RPneg_997.6286_10.454	RP	neg	10.454	997.6287			4		0.17484	0.52046	-0.34	-0.31	-0.08	-0.09	-0.03	0.00	0.78661	0.96713	-0.05	-0.04	0.17	0.03	0.24	-0.32	-0.35							
RPpos_999.2064_9.85	RP	pos	9.85	999.2064			4		0.48741	0.77461	-0.21	-0.21	-0.08	-0.02	0.07	0.15	0.66543	0.94361	-0.08	-0.35	-0.17	-0.20	0.22	0.07	0.33							
RPneg_999.21381_9.388	RP	neg	9.388	999.2138			4		0.43396	0.73265	0.27	0.69	0.35	0.16	0.41	1.82	0.71146	0.95302	-0.13	-0.64	1.54	-1.71	0.19	-0.77	0.64							
RPpos_1001.657_10.55	RP	pos	10.55	1001.6570																												

Feature_ID	Mode	Ionization	Average_RT.min.	Average_Mz	Metabolite	MSMS	ID_Level	HMDB_ID	IV-Alcohol self-administration (IV-ASA)										IV-Alcohol clamp (IV-AC)									
									Area Under the Curve (AUC)					IV-Ghrelin or Placebo					Area Under the Curve (AUC)					IV-Ghrelin or Placebo				
									Baseline					BrAC=0					Baseline					Post-AC				
									p	q	d	d	d	d	d	d	d	d	p	q	d	d	d	d	d	d	d	d
RPneg_1031.62903_10.058	RP	neg	10.058				4		0.16538	0.51065	-0.24	0.05	-0.19	-0.17	-0.15	-0.28	0.54573	0.91584	0.22	0.19	0.26	0.24	0.37	0.16	0.38			
HILICpos_1032.5777_0.43	HILIC	pos	0.43	1032.5770			4		0.60457	0.83154	-0.14	-0.01	0.36	0.07	-0.37	0.77	0.65361	0.94010	-0.03	-0.06	0.12	-0.18	0.09	-0.05	-0.11			
RPpos_1033.5353_11.56	RP	pos	11.56	1033.5353			4		0.71763	0.88483	0.07	-0.24	0.58	0.13	0.46	0.82	0.48349	0.89638	-0.22	-0.10	-0.18	0.02	-0.07	-0.49	-0.36			
RPpos_1034.4968_12.41	RP	pos	12.41	1034.4968			4		0.44267	0.73864	0.17	-0.16	0.53	0.16	0.38	0.17	0.17993	0.69487	-0.37	-0.18	-0.12	-0.34	-0.31	-0.88	-0.03			
HILICneg_1035.1978_0.48	HILIC	neg	0.48	1035.1978			4		0.40615	0.74267	0.21	0.25	0.90	0.30	0.07	0.31	0.00991	0.21165	-0.78	-0.78	-0.46	-0.79	-0.91	-0.69	-0.56			
RPneg_1035.6586_10.16	RP	neg	10.16	1035.6586			4		0.14625	0.31617	-0.24	0.13	0.13	-0.22	-0.16	-0.33	0.19417	0.78871	-0.23	-0.21	0.23	-0.17	-0.15	-0.26	-0.14			
HILICneg_1035.6655_1.34	HILIC	neg	1.34	1035.6655			4		0.02684	0.28244	-0.37	-0.19	-0.16	-0.32	-0.31	-0.38	0.04570	0.42948	-0.29	0.06	-0.28	-0.32	-0.22	-0.31	-0.36			
HILICpos_1037.6511_1.25	HILIC	pos	1.25	1037.6511			4		0.20861	0.55161	-0.40	-0.04	-0.15	0.13	-0.20	-0.48	0.26165	0.77484	0.52	0.10	0.38	0.25	1.31	0.33	-0.15			
RPpos_1037.6534_10.29	RP	pos	10.29	1037.6534			4		0.00342	0.11973	-0.41	0.00	-0.23	-0.41	-0.22	0.12	0.73813	0.95902	0.00	-0.03	0.12	-0.14	0.23	-0.01	-0.29			
RPpos_1039.6707_10.12	RP	pos	10.12	1039.6707			4		0.09137	0.42010	-0.31	-0.23	-0.16	-0.21	-0.16	-0.45	0.83496	0.97543	-0.05	-0.19	-0.09	0.04	0.18	-0.07	-0.22			
RPpos_1039.6709_10.24	RP	pos	10.24	1039.6709			4		0.09453	0.42365	-0.36	-0.29	-0.18	-0.16	-0.30	-0.26	0.88535	0.98281	-0.05	-0.12	-0.11	0.11	0.20	-0.10	-0.28			
HILICpos_1039.6721_1.15	HILIC	pos	1.15	1039.6721			4		0.01167	0.20787	-0.35	0.05	-0.09	-0.26	-0.27	-0.39	0.24183	0.75828	-0.02	0.05	0.00	0.15	0.17	-0.12	-0.19			
RPpos_1041.5096_12.08	RP	pos	12.08	1041.5096			4		0.86751	0.95051	-0.04	-0.23	0.43	-0.16	-0.01	0.36	0.71604	0.95429	-0.18	-0.21	-0.03	0.03	-0.15	-0.83	-0.28			
HILICpos_1041.5109_0.42	HILIC	pos	0.42	1041.5109			4		0.73342	0.89201	0.08	-0.18	0.52	0.05	-0.01	1.06	0.79176	0.96742	-0.10	-0.26	-0.19	0.11	0.14	-0.43	-0.02			
RPpos_1042.4753_13.23	RP	pos	13.23	1042.4753			4		0.67334	0.86385	-0.05	-0.06	0.66	-0.16	-0.10	0.02	0.43667	0.87672	-0.25	-0.03	-0.17	-0.08	-0.24	-0.75	-0.28			
RPneg_1043.14954_9.593	RP	neg	9.593	1043.1495			4		0.49475	0.77346	0.23	1.81	1.14	0.42	0.20	0.97	0.79015	0.96713	-0.05	-0.59	0.76	-0.03	0.00	0.15	-0.41			
RPpos_1043.7046_10.55	RP	pos	10.55	1043.7046			4		0.12936	0.46574	-0.22	-0.12	-0.08	-0.17	-0.01	-0.19	0.51681	0.90772	0.19	0.03	0.23	0.19	0.32	0.21	0.05			
RPneg_1045.20605_10.194	RP	neg	10.194	1045.2061			4		0.04637	0.33835	-0.38	0.32	-0.29	-0.06	-0.45	-0.23	0.44484	0.88012	-0.21	-0.40	0.32	-0.16	-0.63	-0.42	-0.47			
RPneg_1045.2063_10.077	RP	neg	10.077	1045.2063			4		0.62276	0.83046	0.10	0.33	0.60	0.38	-0.13	1.09	0.71250	0.95351	0.12	-0.52	0.46	0.65	0.22	-0.14	-0.48			
RPpos_1045.6283_10.12	RP	pos	10.12	1045.6283			4		0.12424	0.45947	0.39	-0.19	-0.03	-0.29	-0.27	-0.54	0.32570	0.81856	0.47	0.11	0.36	0.23	1.58	0.22	-0.10			
RPneg_1045.67944_10.653	RP	neg	10.653	1045.6794			4		0.01271	0.21578	-0.44	-0.13	-0.19	-0.29	-0.48	-0.34	0.58964	0.92655	0.11	0.28	0.26	0.30	0.30	-0.12	-0.16			
RPpos_1046.8456_14.09	RP	pos	14.09	1046.8456			4		0.72446	0.88762	0.01	0.79	-0.05	0.50	-0.13	0.18	0.02887	0.35422	-0.32	-0.37	-0.22	0.39	-0.22	-0.29	-0.30			
RPpos_1047.5667_11.13	RP	pos	11.13	1047.5667			4		0.28359	0.61760	0.26	-0.39	0.39	0.34	0.39	0.61	0.26960	0.78175	-0.26	-0.48	-0.10	-0.02	0.19	-0.64	-0.34			
RPneg_1047.66699_10.327	RP	neg	10.327	1047.6670			4		0.18856	0.53474	-0.21	0.17	0.15	-0.22	0.06	-0.32	0.49774	0.90072	-0.15	0.18	-0.11	-0.25	0.07	-0.09	-0.21			
RPpos_1047.7339_10.87	RP	pos	10.87	1047.7339			4		0.05284	0.35128	-0.37	-0.07	-0.19	-0.25	-0.37	-0.35	0.65173	0.94010	0.23	0.29	0.53	0.00	0.57	0.07	-0.27			
RPpos_1048.5272_11.8	RP	pos	11.8	1048.5272			4		0.86474	0.94954	-0.04	-0.12	0.52	-0.13	-0.06	0.45	0.71439	0.95354	-0.15	0.01	0.00	0.00	-0.26	-0.67	-0.19			
HILICpos_1048.6444_0.64	HILIC	pos	0.64	1048.6444			4		0.59325	0.82571	0.16	0.14	0.46	0.58	0.05	-0.25	0.99127	0.99863	-0.03	-0.34	0.38	-0.31	0.05	1.83	-0.38			
RPpos_1049.4922_12.77	RP	pos	12.77	1049.4922			4		0.99100	0.99685	0.01	-0.18	0.59	0.05	0.05	0.20	0.56157	0.92015	-0.20	-0.13	-0.01	-0.15	-0.06	-0.96	-0.05			
RPpos_1050.5155_10.51	RP	pos	10.51	1050.5155			4		0.24437	0.58521	-0.39	0.12	0.29	-0.25	-0.09	0.10	0.63108	0.93546	-0.10	-0.48	-0.31	0.03	0.29	-0.06	-0.25			
RPpos_1054.6222_11.05	RP	pos	11.05	1054.6222			4		0.53722	0.79713	-0.19	0.28	0.55	0.07	-0.10	-0.05	0.79282	0.96753	0.13	0.43	1.24	-0.39	0.45	-0.11	0.07			
RPpos_1054.6908_10.55	RP	pos	10.55	1054.6908			4		0.06987	0.38408	-0.36	0.00	-0.07	-0.31	-0.17	-0.39	0.61885	0.93268	0.20	0.25	0.26	-0.29	0.20	0.09	-0.13			
HILICpos_1055.5463_0.45	HILIC	pos	0.45	1055.5463			4		0.48120	0.78462	0.11	-0.29	1.18	0.05	-0.06	1.14	0.69889	0.95138	-0.12	-0.27	-0.28	-0.07	-0.02	0.01	-0.17			
RPpos_1056.5096_12.39	RP	pos	12.39	1056.5096			4		0.75161	0.90540	0.06	-0.19	0.37	0.06	0.04	0.87	0.37418	0.84339	-0.27	-0.22	-0.28	-0.04	0.30	-0.74	-0.26			
RPneg_1057.64832_10.126	RP	neg	10.126	1057.6483			4		0.08083	0.40528	-0.37	-0.12	-0.11	-0.22	-0.25	-0.13	0.90864	0.98698	0.04	-0.16	-0.10	0.30	0.15	0.14	-0.08			
RPpos_1058.2656_9.65	RP	pos	9.65	1058.2656			4		0.11709	0.45287	-0.55	0.48	-1.10	0.02	0.00	0.10	0.66436	0.94311	-0.07	-0.52	-0.12	-0.01	-0.31	-0.11	-0.64			
RPpos_1058.7216_10.87	RP	pos	10.87	1058.7216			4		0.11747	0.45310	-0.34	0.05	-0.04	-0.39	-0.36	-0.20	0.40802	0.86192	0.01	-0.13	0.17	0.03	-0.02	0.02	-0.13			
RPneg_1059.6582_10.305	RP	neg	10.305	1059.6582			4		0.81823	0.93076	-0.08	0.02	0.22	0.03	0.15	0.19	0.60949	0.93015	0.23	-0.13	0.30	0.31	0.51	0.42	0.06			
HILICneg_1059.66_1.32	HILIC	neg	1.32	1059.6600			4		0.01828	0.24665	-0.38	-0.07	-0.11	-0.19	-0.23	-0.46	0.40309	0.85869	-0.17	0.09	0.10	-0.21	-0.11	-0.22	-0.39			
RPneg_1059.66357_10.308	RP	neg	10.308	1059.6636			4		0.05869	0.36399	-0.37	-0.22	-0.02	-0.23	-0.42	-0.73	0.56292	0.92016	0.14	0.19	0.67	0.09	0.47	-0.25	-0.19			
RPpos_1061.6538_10.12	RP	pos	10.12	1061.6538			4		0.02557	0.27934	-0.39	-0.18	-0.20	-0.19	-0.28	-0.76	0.98937	0.99815	0.00	0.03	-0.09	0.04	0.16	-0.03	-0.04			
RPpos_1061.6539_10.25	RP	pos	10.25	1061.6539			4		0.02812	0.28685	-0.53	-0.21	-0.28	-0.12	-0.35	-0.22	0.97805	0.99726	-0.03	0.05	0.00	0.18	0.02	-0.17	-0.31			
RPpos_1062.6796_10.55	RP	pos	10.55	1062.6796			4		0.03171	0.29834	-0.26	0.06	-0.05	-0.02	-0.21	-0.54	0.40167	0.85869	0.24	0.59	0.12	0.18	0.31	0.21	0.17			
RPpos_1063.157_10.12	RP	pos	10.12	1063.1570			4		0.03047	0.29493	-0.35	-0.26	-0.08	-0.13	-0.18	-0.75	0.95070	0.99346	-0.01	-0.07	0.24	-0.01	-0.07	0.00	-0.25			
RPpos_1063.2196_9.71	RP	pos	9.71	1063.2196			4		0.57230	0.81525	0.16	-																

