

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		1	1	1	1	1	1	1	1	1
Component Name	Mass Info									
Urea	61.1 / 44.2	8706001	14044736	3981340	292208	17392203	85381	538552	8544757	2545790
ethanolamine	62.1 / 44.2	167892	143594	64905	154384	270332	2758	169038	74008	5826
Imidazole	69.0 / 42.2	289903	348822	301335	141371	191965	4286	5328	239979	218314
glyoxylate	73.0 / 45.0	368097	573030	696573	170083	362697	387878	310638	529432	365418
pyruvate	87.0 / 43.0	1799524	1824465	1735448	693452	708814	524186	1071480	900051	962387
lactate	89.0 / 43.2	349115	564055	569749	158892	150571	143024	212813	226193	224859
putrescine	89.0 / 72.0	83217	52604	54934	64311	64580	60214	63682	82903	64661
alanine	90.0 / 44.1	39718426	34078308	37901313	11963626	12709316	12720063	18839133	20190427	20368820
sarcosine	90.1 / 44.2	46918091	41455941	45616966	44180084	45567524	1391441	45871615	48711880	49958899
2-oxobutanoate	101.0 / 57.2	175207	109363	313928	241712	187457	189581	327926	264707	189888
acetoacetate	101.0 / 57.2	33647	215909	200416	357396	343964	446463	332896	301589	197246
betaine aldehyde	102.0 / 58.0	3013014	4236237	2779795	2872515	4161910	35782	4023253	2845878	2622489
dimethylglycine	104.0 / 58.0	22572180	25894035	32065839	14664148	24281599	404314	23691019	35153315	35764239
choline	104.0 / 60.0	10084931	12181332	13199153	14333191	10355236	14226330	56642490	40234189	74101857
4-aminobutyrate	104.0 / 69.0	46860	34708	66182	103795	120417	129252	40140	60603	51118
glycerate	105.0 / 75.0	927440	227636	681920	438001	173889	180212	223620	301402	333240
serine	106.0 / 60.0	314077	258906	477864	286044	174068	197383	259389	550170	564336
uracil	111.1 / 42.1	2830260	2732529	2692754	1897727	3854477	4174802	2407165	2564629	2366405
cytosine	112.1 / 95.0	224723	131983	112007	180071	207323	15543	76679	93668	46495
creatinine	114.0 / 44.2	6118	4956	6341	2585	6271	10511	11885	15123	3675
pyrroline-5-carboxylate	114.1 / 68.1	466614	369332	272314	204702	311460	74370	20302	247619	201464
2-ketoisovalerate	115.0 / 71.0	438429	175498	319880	435670	143781	382877	247023	317580	348938
fumarate	115.0 / 71.0	1211819	3101080	535439	425750	752763	794103	513256	1447815	1803390
maleic acid	115.0 / 71.0	186284	371920	259958	113921	454417	174864	141854	268109	159253
Guanidoacetic acid	116.0 / 74.3	923322	884730	1786847	956002	847658	791216	2491358	1408269	922111
proline	116.1 / 70.1	49837400	59051050	53797266	44470565	47928634	70801116	50792880	65761475	54492057
Methylmalonic acid	117.0 / 73.0	1585791	1009980	1573207	575306	746068	786374	866499	1216807	964035
succinate	117.0 / 73.0	12231827	1755623	4753818	5286206	917718	1251676	1751087	2598306	1919362
betaine	118.0 / 58.0	12863398	13512231	13699500	14819498	14695381	12368937	39874762	54766137	63160849
valine	118.1 / 55.2	3796083	3671576	4824781	2125101	5001002	74099	2555998	2626018	2264237
threonine	120.0 / 74.0	3418035	2317800	5297694	29932548	10436608	638761	24581625	17261356	29274197
nicotinate	122.0 / 78.0	122806	96391	167590	52758	78598	85396	104041	154858	125633
cysteine	122.1 / 59.1	26356	31933	28242	30144	31404	34288	44204	44215	52310
nicotinamide	123.1 / 80.0	1593934	1918832	1337103	1141951	1961231	18424	1498444	2157519	1746191
Imidazoleacetic acid	127.0 / 81.0	330003	365455	386953	536768	806862	33074	404080	437382	392730
thymine	127.1 / 110.0	16555126	19069659	18104551	20424279	15307340	9879549	28659647	19429556	18505933
Pyroglutamic acid	128.0 / 82.1	684910	844009	1041601	531577	352953	334546	783439	1099705	688786
2-ketohexanoic acid	129.0 / 101.3	211528	145164	173715	32135	102090	103526	124548	147126	108938
Citraconic acid	129.0 / 85.1	9175281	12220909	15534506	6034135	6320348	6303847	3660745	10045886	8137515
DL-Pipecolic acid	130.0 / 84.0	148882641	165994053	182791430	114491968	161192751	1715885	111227601	183017719	155435120
N-Acetyl-L-alanine	130.0 / 88.0	3203349	1471475	1099443	8096	2434520	3270778	3589871	2051554	2948928
N-Acetylputrescine	131.0 / 114.0	1181338	1414951	480799	1277017	2029355	98977	1281980	1328221	1286942
Hydroxyisocaproic acid	131.0 / 85.1	15581019	19910646	25926116	23341092	20952521	23109214	23613588	22894975	23751979
oxaloacetate	131.0 / 87.0	8170639	1158307	1802434	11490741	3338597	3071636	15492663	2330090	3448043
creatine	132.0 / 90.0	310558	171125	226952	125743	142645	7516	191522	191964	282546
Isoleucine	132.1 / 69.0	65999681	62603039	65778347	47206636	58130972	1232034	58402914	69679218	69694587
leucine-isoleucine	132.1 / 86.0	226944373	209561184	207567707	200930641	216801729	11341899	206289086	207363579	215523002
malate	133.0 / 115.0	293617	385514	368245	1376991	1491370	1825056	2283590	3296588	1359003
ornithine	133.0 / 70.0	20525389	26115053	34767587	10424406	23922759	123190	12795054	36821602	29246461

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		1	1	1	1	1	1	1	1	1
Component Name	Mass Info									
asparagine	133.1 / 74.0	621237	574088	84000	909424	742552	6447	1000858	146457	195181
aspartate	134.0 / 74.0	441652	487233	398573	771687	624362	557798	1169679	1264558	962266
hypoxanthine	135.0 / 92.0	55346517	60693872	73623001	58970265	74434488	80940925	35999127	48342300	43106705
adenine	136.0 / 119.0	6215684	4526245	5933318	1595848	2754300	24772	2962130	5070673	5274310
Methylcysteine	136.0 / 119.0	256473	363465	537983	442574	585391	9948	291074	367748	238225
anthranilate	136.0 / 92.0	34305345	27242275	37892369	243567	41059482	30818161	28840667	34657500	22748079
p-aminobenzoate	136.0 / 92.0	3027129	3325304	4247472	3176582	4257681	4850075	1801586	2418638	2214344
homocysteine	136.1 / 90.1	225182	303610	376555	3849	274002	6535	90468	309621	220998
p-hydroxybenzoate	137.0 / 93.0	4354548	5071078	5170148	2042088	4253125	3868495	4376184	5113846	4292305
methylnicotinamide	137.0 / 94.0	15743515	15386099	17133061	14559676	20022689	117888	5187316	11506821	9760322
acetylphosphate	139.0 / 79.0	138827	110220	110739	102205	54910	87809	80759	217815	90515
Carbamoyl phosphate	140.0 / 79.0	35650	98481	104011	183046	109628	160775	53222	97386	121316
a-ketoglutarate	145.0 / 101.0	1988185	929225	1367361	2945849	1737483	2012853	4492586	4670725	3843355
Phenylpropionic acid	145.0 / 101.0	128956	277781	251392	228852	352568	315447	181707	314260	253630
spermidine	146.0 / 112.0	7741449	5490399	1617118	13384239	3628340	1153185	7459549	1408534	1424135
lysine	147.0 / 67.0	62123009	62589777	69745397	42753903	62738042	520615	39901186	65537090	55957013
2-Hydroxy-2-methylbutanedioic acid	147.0 / 85.1	3194510	1223017	3455309	2859876	2108314	2466755	3874237	2786964	2563661
2-oxo-4-methylthiobutanoate	147.0 / 99.0	179746	215090	212738	221342	184384	176019	213048	244467	180037
glutamine	147.1 / 84.1	377762921	404662700	434461111	303977116	369679618	7732498	299642976	418402196	352911362
O-acetyl-L-serine	148.0 / 106.0	304815	133189	222874	153873	159279	7445	589011	224169	259888
glutamate	148.1 / 84.1	377762921	404662700	434461111	673977116	869679618	1097732498	399642976	418402196	352911362
3-methylphenylacetic acid	149.0 / 105.0	194102	347434	267988	122706	255353	142019	288333	213461	232533
methionine	150.1 / 133.0	2797868	3102909	2458446	3016545	4736540	27253	1918134	3219124	2697193
Hydroxyphenylacetic acid	151.0 / 107.0	774950	915982	943778	231092	721923	682899	779571	905327	716382
xanthine	151.0 / 108.0	16761241	20120459	23073482	25271688	17932352	14832000	17982059	21635185	19701650
guanine	152.2 / 110.0	488592	279332	271325	239803	331964	8965	141435	235430	279769
2,3-dihydroxybenzoic acid	153.0 / 109.0	383830	196688	412961	199852	607744	1007844	290473	297128	292759
orotate	155.0 / 111.0	14683601	10494190	9949882	8803685	16425975	17287493	9044700	10697522	8626457
histidine	156.1 / 110.1	76789568	62331187	24686117	55994870	68474160	8174	32979106	37451007	53704899
dihydroorotate	157.0 / 113.0	311042017	345494649	338217462	192668028	178372477	156122507	239739997	346007936	260690413
allantoin	157.1 / 114.0	86391	74770	239078	43247	65920	44941	136396	106595	80842
Amino adipic acid	160.0 / 116.0	660874	584291	3202369	1940119	613904	1570838	867395	1098531	784062
Indole-3-carboxylic acid	160.0 / 116.0	1069734	540677	2498842	1928731	540326	1546980	898630	463193	690149
2-amino adipic acid	162.1 / 98.0	188349	254265	146329	43932	21751	3735	917735	383373	331002
phenylpyruvate	163.0 / 91.0	2235104	1736323	2150094	589659	877283	844488	1603945	2221793	1718577
Phenyllactic acid	165.0 / 103.1	98646	102854	88847	53647	168510	151823	119036	107109	98536
Atrolactic acid	165.0 / 119.0	82008	123220	180899	77951	85627	242270	153850	163689	137449
quinolinate	166.0 / 122.0	265089	156018	132280	115626	221152	184847	153574	126903	146014
Methionine sulfoxide	166.0 / 74.0	76668	118635	135759	94433	69036	3853	139668	63938	48666
phenylalanine	166.1 / 103.0	12499040	13877780	13542714	13001411	14653674	168781	7065369	14271724	11627525
phosphoenolpyruvate	167.0 / 79.0	2035162	1750702	1838459	675635	680551	952952	336450	371849	353618
dihydroxy-acetone-phosphate	169.0 / 79.0	138243	128419	124724	238529	243670	227334	1618989	1506107	1686171
D-glyceraldehyde-3-phosphate	169.1 / 97.0	128502	135292	130655	259754	276762	266018	648777	669018	700144
pyridoxine	170.0 / 134.0	16980468	19843417	23143922	3779111	10586397	57629	9854882	22628746	18206335
sn-glycerol-3-phosphate	171.0 / 79.0	2403664	1937802	2386805	159349	173029	167118	160863	158877	151541
shikimate	173.0 / 93.0	40077	55439	67089	2811	30852	54011	53182	56136	50026
aconitate	173.1 / 85.0	468694	351513	406205	260470	306107	356196	337774	391545	393187
2-Isopropylmalic acid	175.0 / 115.0	32957539	14040081	28541336	23540598	57704270	65137803	3457549	106692197	127048158
N-acetyl-L-ornithine	175.0 / 115.1	3948154	4158823	2995177	2589365	3644731	101267	2262898	3768869	2201782

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		1	1	1	1	1	1	1	1	1
Component Name	Mass Info									
allantoate	175.0 / 132.0	71850	78715	116710	88883	60556	87042	81829	99948	90878
N-carbamoyl-L-aspartate_neg	175.0 / 132.0	71850	78715	116710	88883	60556	87042	81829	99948	90878
arginine	175.0 / 60.0	55347488	52357181	45036247	40973703	45587401	1677960	38745787	38147280	44203263
Ascorbic acid	175.0 / 87.0	376385	381124	196878	141489	307246	287537	184075	263949	113309
citrulline	176.0 / 159.0	2494800	1535723	1435450	1210820	3878749	118830	1114207	1116042	1233688
Pyrophosphate	176.8 / 158.6	6053509	3840674	5089874	5796377	3262402	4430349	5144045	4529337	4645348
glucono-D-lactone	177.0 / 129.0	13835	27125	127648	5291	30418	109782	42233	23675	83788
myo-inositol	179.0 / 161.0	48518	107788	104143	72763	109056	139439	68617	103620	99138
4-Pyridoxic acid	182.0 / 138.0	2007734	378785	493446	527608	1550302	308392	1668823	435843	430013
tyrosine	182.1 / 77.0	1242458	1899636	2400743	2168207	2753344	23309	1515229	1554983	1060416
Phosphorylcholine	184.0 / 125.0	1731813	1858294	3051699	1515851	4507925	16510	965436	2382490	2208957
3-phosphoglycerate	185.0 / 97.0	7648163	6767852	7597340	3004052	2998399	3053085	1951594	2507601	2149232
Indoleacrylic acid	186.0 / 142.0	138061	214807	106669	46793	696103	836447	131807	213442	211173
3-phospho-serine	186.0 / 88.0	409130	192775	292097	212840	189989	4868	281114	232429	300371
Kynurenic acid	188.0 / 144.0	31672626	23860039	29435953	15525538	9087114	9174291	19935403	21271096	22340571
Acetylylsine	189.0 / 84.0	5400616	4601241	3662258	8584143	7246313	67165	8220372	8922732	10271132
N6-Acetyl-L-lysine	189.0 / 84.2	15380263	15837604	18843081	6894661	15340937	5804	7454416	16433186	13380999
N-acetyl-glutamine	189.1 / 130.0	3672131	4012977	4475700	249129	3172924	52355	407557	3794350	3224074
N-acetyl-glutamate	190.1 / 84.1	3139330	3454445	3456196	762084	2104447	5810	970005	2515933	2157836
citrate-isocitrate	191.0 / 111.0	88467674	78430683	135298202	135120242	158082562	143043791	99448192	100268806	110939005
isocitrate	191.0 / 117.0	1626757	2194223	1915757	852944	1025410	855460	980698	1261209	970016
citrate	191.1 / 87.0	48795010	63022118	73463624	70915859	87125537	83796653	147486814	156219122	156298185
2-dehydro-D-gluconate	193.0 / 103.0	63447	66908	95705	127349	137693	133540	106373	91099	122763
D-erythrose-4-phosphate	199.0 / 97.0	778895	802377	874736	2934503	2484777	2605320	3087836	3045980	2335865
Ng,NG-dimethyl-L-arginine	203.0 / 70.0	1946573	2663772	3580633	998419	2894514	7826	957895	3353736	2695011
Xanthurenic acid	204.0 / 160.0	8875723	7381595	10148628	19812913	3485730	5214244	6967221	7356868	8675622
Acetylcarnitine DL	204.0 / 85.0	8816128	7309382	8281525	3596946	9014109	291894	784915	6533973	6761113
tryptophan	205.0 / 146.0	8656152	9232717	11439026	15781823	25264373	98845	4062617	10756490	8614657
lipoate	205.0 / 171.0	9599	16790	31717	6698	13482	20487	16848	32237	9982
Kynurenine	209.0 / 146.0	4580650	3785459	4898043	691011	1314404	5054	1717981	3141815	3031892
deoxyribose-phosphate	213.0 / 79.0	14025	26121	33192	19604	28539	54714	38252	32308	34661
pantothenate	218.0 / 146.0	138620	104592	81615	66615	268463	196022	58300	109531	197334
cystathionine	223.0 / 134.0	1357243	1439553	1666077	1228882	1441077	5208	630475	1313169	1178212
deoxyuridine	227.0 / 184.0	84969	138976	30474	150996	301156	438268	114058	223533	51208
ribose-phosphate	229.0 / 79.0	596069	626338	844907	834492	202057	335699	432241	700844	502571
uridine	243.0 / 200.0	7302488	9882003	11649128	8328894	27094349	24742522	9397490	10263413	10276501
2-deoxyglucose-6-phosphate	243.2 / 97.1	6882	8501	12108	3688	15427	32674	7853	3284	5515
cytidine	244.1 / 112.0	559800	575401	1074467	565493	956857	10743	318375	764330	642919
biotin	245.1 / 227.0	249817	449717	275853	123392	272295	5825	143170	225876	266118
deoxyinosine	251.0 / 135.0	914495	1738195	1679228	201244	2390223	2305893	1058201	1784857	1293016
deoxyadenosine	252.0 / 136.0	4713271	3901451	4265720	4592724	7094372	63911	2308749	4686313	4189940
shikimate-3-phosphate	253.1 / 97.0	256816	278265	288698	146124	62267	37344	265406	313390	312839
6-phospho-D-glucono-1,5-lactone	257.0 / 97.0	61922	66223	59045	231128	191763	173060	272010	234400	280573
Glycerophosphocholine	258.1 / 104.0	5484897	1880508	690856	9624496	3348052	446338	16987468	907483	786304
fructose-6-phosphate	259.0 / 169.0	503928	487315	564602	908667	841941	883240	2923018	2865475	3016577
glucose-6-phosphate	259.0 / 199.0	418742	380194	456057	892957	903108	874515	825476	778462	789375
glucose-1-phosphate	259.0 / 241.0	86428	114915	132624	123664	31812	54892	122761	129272	107124
hexose-phosphate	259.0 / 79.0	1492104	1218272	1657324	1539920	951622	1191446	1420307	1552879	1585553
thiamine	265.0 / 122.0	35170042	29121956	41843887	38952725	33724115	5294842	32303076	17165991	15335465

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		1	1	1	1	1	1	1	1	1
Component Name	Mass Info									
1,3-diphosphateglycerate	265.0 / 79.0	1619707	1329839	1656928	1262307	1478074	1446787	1504287	1295034	1334681
2,3-Diphosphoglyceric acid	265.1 / 167.1	26740	13921	16377	233752	28073	28836	35453	9510	12404
S-ribosyl-L-homocysteine_neg	266.0 / 134.0	688103	921076	1210409	610006	2880836	3492126	812377	1021014	906364
inosine	267.0 / 135.0	76189370	87234178	124977954	39859613	230293607	244476382	31846928	86818282	62708946
adenosine	268.2 / 136.1	131117545	121801520	139447008	54535718	87914483	497061	67564827	130449670	122159014
6-phospho-D-gluconate	275.0 / 97.0	22593	18516	32105	40432	49459	51797	72317	85024	91279
1-Methyladenosine	281.8 / 150.0	311382	444163	483210	167074	608944	7888	51442	449800	374896
xanthosine	283.0 / 151.0	73950	41466	26777	20901	1410795	1114436	45931	19857	69951
D-sedoheptulose-1-7-phosphate	289.0 / 97.0	1689178	1936375	2063855	3256758	4453031	604499	4605130	4676806	4663344
S-methyl-5-thioadenosine	298.0 / 136.0	36912587	18705221	31979006	15021322	19742242	542982	19714515	28348825	27140524
7-methylguanosine	298.0 / 166.0	410734	539896	628870	291435	760155	4229	303426	458052	439463
N-acetyl-glucosamine-1-phosphate	300.0 / 79.0	1459146	1234303	1661582	1792977	1061045	1069968	1378289	702255	789913
glutathione_neg	306.0 / 143.0	397603	326677	334173	422866	499905	425169	367642	366251	230967
dCMP	308.0 / 112.0	12018	21915	20727	23187	46329	3611	16507	20259	13030
octulose-monophosphate (O8P-O1P)	319.0 / 97.0	588486	667974	886408	843820	552673	647510	726777	745268	758574
dTMP_neg	321.0 / 195.0	13001	34844	54898	57643	45568	90784	58480	25170	16292
CMP	324.0 / 112.0	100774	114455	140113	233854	83202	86016	255450	306981	215158
UMP	325.0 / 97.0	12101308	11896955	12643953	6592952	11406799	146948	6585849	12472236	10139139
cyclic-AMP	328.0 / 134.1	3473	17079	38983	15654	20882	13239	5203	6685	5671
Nicotinamide ribotide	335.0 / 123.0	1135383	1259844	1543907	1108080	2348283	101019	871533	1934812	1530004
fructose-1,6-bisphosphate	339.0 / 97.0	7723	5642	6004	18781	12329	11881	33284	28469	30063
trehalose-sucrose	341.0 / 179.0	29573774	37273425	39658988	53885002	13801893	12024379	35024199	42014272	40859844
AMP	348.2 / 136.0	7881	5287	6714	17745	16534	15615	9838	14231	19937
IMP	349.0 / 137.0	376238	403792	388823	231894	248242	310246	242461	186507	378001
S-adenosyl-L-methioninamine	355.0 / 250.0	117400	349130	340354	1610656	835835	21807	1619219	932977	3061308
GMP	364.0 / 152.0	77185400	57840388	59662145	46315467	35994208	57861897	53839158	55241329	58933006
xanthosine-5-phosphate	365.0 / 97.0	3236158	5049943	3772770	1252837	2119156	2144066	1269294	1232491	1274558
orotidine-5-phosphate	367.0 / 323.0	2142227	2711031	2170681	1545413	2002812	2414422	1386059	1754007	1494198
Sedoheptulose 1,7-bisphosphate (SBP)	369.0 / 97.0	74347	74597	70039	67521	54637	62486	58527	76813	51124
riboflavin	377.0 / 243.0	117400	149130	240354	410656	635835	621807	848556	702977	698161
trans, trans-farnesyl diphosphate	381.0 / 79.0	24005	16752	43616	3724	8406	15830	24109	30721	8152
S-adenosyl-L-homocysteine_neg	383.1 / 134.0	90445	128069	181458	96762	67393	81216	87028	163184	114109
S-adenosyl-L-homoCysteine_pos	385.1 / 136.0	155509	216305	22329	419788	215367	5615	369150	38164	51837
S-adenosyl-L-methionine	399.1 / 250.0	19504100	24119901	37873106	18498346	27314589	50012	14364630	35046980	31802995
CDP_neg	402.0 / 384.0	100774	114455	140113	233854	83202	86016	127725	153491	107579
UDP_neg	403.0 / 159.0	6639526	5630937	7663334	4820239	3904004	6092513	3406800	4518468	4977241
trehalose-6-Phosphate	421.0 / 79.0	379348	368954	475371	424739	364104	365877	374061	474447	447263
dGDP_neg	426.1 / 159.0	5949612	5796221	7669298	6550310	2271982	2932519	8002368	8285107	8380672
IDP_neg	427.0 / 159.0	922741	889614	1151683	1029948	337804	415949	1268693	1260333	1297927
ADP_pos	428.1 / 136.0	3723889	3372189	4636223	6125834	5812765	12060485	8475938	7712976	8999334
CDP-ethanolamine	445.0 / 273.0	17474	13034	10952	19812	17549	19986	14425	13556	13729
dTTP_neg	481.0 / 383.0	18752	13330	16948	18115	14550	14806	13318	12149	7343
CTP_neg	482.0 / 384.0	544772	590345	686559	451020	498332	516484	513641	591723	502541
UTP_neg	483.0 / 385.0	390986	316653	418973	591199	225303	246347	490916	452385	443999
CDP-choline	487.0 / 428.0	161061	119675	183446	443492	482747	342890	321953	495116	615728
ATP_pos	508.1 / 136.0	4010712	3710485	551287	1726128	2416192	330488	1490390	481828	329247
GTP_neg	522.0 / 424.0	158583	138962	192069	155504	110184	101121	77713	129145	83980
UDP-D-glucose	565.0 / 323.0	1632104	1603008	1591656	2408323	691764	829871	1095973	1345415	1099865
guanosine 5-diphosphate,3-diphosphate	602.0 / 504.0	130542	111767	150594	101327	97269	114731	113754	120695	116624

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		1	1	1	1	1	1	1	1	1
Component Name	Mass Info									
glutathione disulfide_neg	611.0 / 306.0	3875201	3668204	3925877	4313454	4959284	5126082	3845590	4291990	3133367
glutathione disulfide_pos	613.0 / 231.0	1743911	2076385	2413422	942824	2273855	7422	991444	2420761	1947513
NAD+_pos	664.1 / 428.0	2705098	2624166	2514015	11248252	8117121	7593477	4230677	6479245	5578540
NADH	666.1 / 514.0	5326285	4761483	5591776	1176403	1233663	925371	3151824	1554259	2401350
NADP+_pos	744.2 / 136.0	2705098	2624166	3514015	1399534	1129131	945749	769439	567045	496134
NADPH	746.2 / 729.0	47466	78986	61481	142918	153382	161561	238010	197509	272947
FAD	786.0 / 348.0	1304365	1295154	1108076	5017965	5130335	4113922	2917569	3128383	3654052
acetyl-CoA_pos	810.0 / 303.0	75094	77156	72330	53541	47122	49506	18369	14486	15310

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		2	2	2	2	2	2	2	2	2
Component Name	Mass Info									
Urea	61.1 / 44.2	629994	764177	70045	641723	936597	1279606	1022417	1355867	571090
ethanolamine	62.1 / 44.2	189198	128997	145283	295769	303528	160011	198375	166021	2756
Imidazole	69.0 / 42.2	304722	258776	8030	258885	361666	241557	226522	369684	206735
glyoxylate	73.0 / 45.0	446654	803551	567297	297552	824312	503532	224281	712141	436300
pyruvate	87.0 / 43.0	1778421	1796016	1721904	746015	675743	569630	906732	933573	1024043
lactate	89.0 / 43.2	213357	481828	253113	75848	164265	117486	173268	213284	168148
putrescine	89.0 / 72.0	89594	68801	88627	47246	93529	34872	228008	82351	94054
alanine	90.0 / 44.1	16905851	11408203	21654812	9215078	6475362	9376066	14826566	10242872	9534173
sarcosine	90.1 / 44.2	31641301	13931149	2576630	47796902	16733082	50486085	52425896	36454224	37182125
2-oxobutanoate	101.0 / 57.2	133632	175291	5936	554114	501119	449996	233357	265695	172414
acetoacetate	101.0 / 57.2	54678	303850	160964	440076	586755	384897	201831	357856	213159
betaine aldehyde	102.0 / 58.0	3275202	4799095	30119	3814820	3598820	2630152	4042826	3118446	2386998
dimethylglycine	104.0 / 58.0	19058003	21646415	1089986	18254443	22799359	26313439	25758200	30578769	23779365
choline	104.0 / 60.0	13145679	14201916	12122611	12164528	13485028	11767807	53803499	46472378	47629383
4-aminobutyrate	104.0 / 69.0	44639	39335	133794	196570	255239	298804	39711	55037	54778
glycerate	105.0 / 75.0	767561	663167	274930	433795	611678	381602	328826	775678	429876
serine	106.0 / 60.0	302487	233036	145003	280706	171025	328508	439453	433038	425508
uracil	111.1 / 42.1	1778662	1756722	1246683	6874962	5797502	6973603	1970687	1164337	1826564
cytosine	112.1 / 95.0	150951	117283	36997	415992	302092	108632	191162	299670	66956
creatinine	114.0 / 44.2	16361	3573	7070	8759	5881	5663	11062	7631	4831
pyrroline-5-carboxylate	114.1 / 68.1	386291	510759	31173	385592	387686	281488	239583	318506	61463
2-ketoisovalerate	115.0 / 71.0	142099	54174	2096757	67028	241371	318208	283098	206924	357789
fumarate	115.0 / 71.0	1663812	206868	2066890	516151	142353	452761	1335900	255195	2075937
maleic acid	115.0 / 71.0	145982	206965	448959	253369	237357	292026	248298	200010	164191
Guanidoacetic acid	116.0 / 74.3	653491	2895962	1138450	1519476	2707961	1114482	1460379	2362805	849826
proline	116.1 / 70.1	55753976	73663694	54358024	129824997	189964785	172237128	61083364	82962962	59411166
Methylmalonic acid	117.0 / 73.0	396913	795326	498380	702135	1465491	1044081	301462	495633	374762
succinate	117.0 / 73.0	6683185	4487209	5637971	3872584	4580950	2520093	2436199	5370150	2474835
betaine	118.0 / 58.0	12601768	11670170	14627818	33637138	53837915	44216139	42385383	13841010	69332980
valine	118.1 / 55.2	5078102	6459728	170597	6315479	7561246	4065073	3932970	4218870	1046495
threonine	120.0 / 74.0	2007264	1484184	759383	10836180	5035109	46403971	6816309	5029967	31234250
nicotinate	122.0 / 78.0	67217	133085	67244	52102	126874	153882	59230	113861	118179
cysteine	122.1 / 59.1	29524	25597	29430	78104	73796	71005	91961	79911	84629
nicotinamide	123.1 / 80.0	2087731	4048027	68760	2328479	2898900	1674155	3162547	2788359	1837041
Imidazoleacetic acid	127.0 / 81.0	382279	395510	100317	633075	777788	804202	507295	541384	351343
thymine	127.1 / 110.0	12212509	19260228	9087158	12235421	18696871	14486321	19129872	20110862	24692317
Pyroglutamic acid	128.0 / 82.1	556819	892913	169033	340783	39256	426257	421120	916728	462059
2-ketohexanoic acid	129.0 / 101.3	184275	177051	127255	125632	149495	97779	178171	166273	160876
Citraconic acid	129.0 / 85.1	9235374	21392675	9515999	6339032	18080150	8128852	5092305	16599244	9022812
DL-Pipecolic acid	130.0 / 84.0	162689931	195468826	10674213	162548225	186915510	176960680	152403212	194513220	126089355
N-Acetyl-L-alanine	130.0 / 88.0	2434219	440217	1083944	6392705	1076484	5281683	4496553	1020090	3741824
N-Acetylputrescine	131.0 / 114.0	673650	484824	142815	1212183	728195	1464830	1076302	466076	1438656
Hydroxyisocaproic acid	131.0 / 85.1	5604834	32199734	31052829	14812222	43524439	29348589	24785109	22983945	21363935
oxaloacetate	131.0 / 87.0	4838809	2493419	521157	10385667	4155559	1104679	8837676	4384781	910461
creatine	132.0 / 90.0	313147	159339	4024	409247	275978	320877	404683	277222	180248
Isoleucine	132.1 / 69.0	64321219	65682484	4961996	62274439	63647212	63404685	67886249	67717847	54811718
leucine-isoleucine	132.1 / 86.0	207238413	197278224	35472878	229731582	217157492	234451604	210282358	193099069	200932446
malate	133.0 / 115.0	261776	442562	467158	653906	471049	1373012	3126217	3309841	4589140
ornithine	133.0 / 70.0	25634610	31412185	1114863	20295333	32679915	27310254	28786550	55750565	23246753

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		2	2	2	2	2	2	2	2	2
Component Name	Mass Info									
asparagine	133.1 / 74.0	547698	445337	67906	900877	400290	240160	486945	106572	227396
aspartate	134.0 / 74.0	402673	440538	482912	481717	482093	780865	1399970	1212574	990614
hypoxanthine	135.0 / 92.0	42175379	56641274	32567323	29021235	25430000	26587777	24032094	36605018	31125679
adenine	136.0 / 119.0	7445956	6592226	167891	4633713	4420884	3852361	5922568	6951878	3870055
Methylcysteine	136.0 / 119.0	370509	923573	13014	770282	1404411	543189	284937	552625	159784
anthranilate	136.0 / 92.0	24891261	41508164	3051745	31128922	55022590	38457200	29286985	30440188	26750042
p-aminobenzoate	136.0 / 92.0	1451667	3063696	1735069	1467405	1215673	1363427	1211613	1967714	1568737
homocysteine	136.1 / 90.1	329352	551887	6830	209986	307237	160382	255197	454490	200891
p-hydroxybenzoate	137.0 / 93.0	12217908	5355728	3235225	5476351	6395015	9843	4736964	5326361	4929285
methylnicotinamide	137.0 / 94.0	14769652	17859062	156093	9101775	8615060	7551958	6624439	9621704	4531522
acetylphosphate	139.0 / 79.0	109293	136222	71964	109402	83709	89527	92553	174863	172944
Carbamoyl phosphate	140.0 / 79.0	34534	72943	116053	62014	97830	126044	69138	110664	78436
a-ketoglutarate	145.0 / 101.0	1869170	1189107	1072192	3151496	2025712	2840557	5506908	3395395	4065443
Phenylpropionic acid	145.0 / 101.0	139596	364223	174785	201973	445180	325090	197865	415852	304236
spermidine	146.0 / 112.0	15098574	5641874	3148769	15603405	3988393	1381175	6840200	1768909	1278353
lysine	147.0 / 67.0	65631327	77417192	3191238	67964455	72974477	61621439	61435821	69874581	42662173
2-Hydroxy-2-methylbutanedioic acid	147.0 / 85.1	1953717	1952113	257277	6713325	6012826	5726994	2635981	2867193	2140188
2-oxo-4-methylthiobutanoate	147.0 / 99.0	101574	232055	87650	206173	225162	208895	181344	242884	170440
glutamine	147.1 / 84.1	392892108	415878273	51396089	400368461	438564871	368435270	378730669	411896090	326761888
O-acetyl-L-serine	148.0 / 106.0	372683	266755	23744	382673	403883	244827	690001	335561	302210
glutamate	148.1 / 84.1	392892108	415878273	321396089	400368461	438564871	368435270	378730670	411896091	366761888
3-methylphenylacetic acid	149.0 / 105.0	256665	249087	241498	107706	201075	177601	244260	248282	250892
methionine	150.1 / 133.0	1598489	1019723	71484	3232045	2380103	3923797	2357736	2199145	2159485
Hydroxyphenylacetic acid	151.0 / 107.0	515405	952835	745388	751530	884157	811971	844647	1022324	1046918
xanthine	151.0 / 108.0	18917358	31020660	15190583	10687544	18160135	13431992	19331112	26806191	24096688
guanine	152.2 / 110.0	475868	468262	18241	593753	528407	368663	618402	370429	147263
2,3-dihydroxybenzoic acid	153.0 / 109.0	358410	287659	224944	2924701	1760824	3253	20558	301607	331939
orotate	155.0 / 111.0	10969867	5936535	6157422	22669783	17670020	23988162	7237135	4489752	6887439
histidine	156.1 / 110.1	76108936	81683406	2060412	85884602	77357430	64470237	77998631	90225709	44974325
dihydroorotate	157.0 / 113.0	349663344	367355166	392319694	175391616	290237289	194655544	222179522	368357840	272461664
allantoin	157.1 / 114.0	60269	229892	9930	133273	203997	92332	57603	193605	76786
Amino adipic acid	160.0 / 116.0	494285	5174944	2413027	760118	5899170	911105	749371	3623960	594460
Indole-3-carboxylic acid	160.0 / 116.0	1364408	1147031	2407317	760118	5488036	747369	941673	3172319	566708
2-amino adipic acid	162.1 / 98.0	220128	642770	15466	70619	87701	37421	141014	235197	656507
phenylpyruvate	163.0 / 91.0	1870725	3044018	1900223	672613	1185791	873675	2007401	2945762	2280326
Phenyllactic acid	165.0 / 103.1	88570	153601	117981	198653	300042	430797	139641	144930	134670
Atrolactic acid	165.0 / 119.0	50193	178527	41569	224382	1214096	304762	102183	168011	145908
quinolinate	166.0 / 122.0	233714	149883	39822	133672	119522	213364	147685	139676	132871
Methionine sulfoxide	166.0 / 74.0	114868	449996	12091	39140	148984	46699	11359	135100	160144
phenylalanine	166.1 / 103.0	12870029	20903814	358501	28489021	21423262	22748964	12394347	15718691	7421252
phosphoenolpyruvate	167.0 / 79.0	1831423	1881490	1515540	627535	580621	536319	757422	707138	669775
dihydroxy-acetone-phosphate	169.0 / 79.0	134395	133147	127489	262627	276827	258353	1208457	1167792	1213478
D-glyceraldehyde-3-phosphate	169.1 / 97.0	133495	133771	130278	298933	278110	281504	707646	682418	701658
pyridoxine	170.0 / 134.0	18777076	21972091	293712	7887997	13379198	8616978	15901026	20217688	9817169
sn-glycerol-3-phosphate	171.0 / 79.0	2162966	2184312	2725597	168212	129677	146458	160210	190700	176298
shikimate	173.0 / 93.0	22067	50536	46565	56488	63967	62790	52501	183029	47050
aconitate	173.1 / 85.0	458564	267776	318640	392997	330513	418416	329995	321246	398568
2-Isopropylmalic acid	175.0 / 115.0	17061553	8787203	57203561	3535144	2524133	32973377	3833261	9550753	135770939
N-acetyl-L-ornithine	175.0 / 115.1	3315115	5017645	362228	3426155	4141980	2688893	3479819	3880147	1849304

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		2	2	2	2	2	2	2	2	2
Component Name	Mass Info									
allantoate	175.0 / 132.0	58112	109317	47377	75976	96580	97322	67081	103332	88132
N-carbamoyl-L-aspartate_neg	175.0 / 132.0	58112	109317	47377	74802	96580	97322	67081	103332	88132
arginine	175.0 / 60.0	56246858	76987845	7433293	61318870	45054097	47714104	37989481	39287304	35749829
Ascorbic acid	175.0 / 87.0	257719	360171	142850	265453	635511	349152	79551	163530	161336
citrulline	176.0 / 159.0	2571532	2100269	383198	1994963	1623824	85560	2641245	1441512	928401
Pyrophosphate	176.8 / 158.6	5057798	4132002	2418304	7059803	5126394	5197030	4415998	4740990	4303528
glucono-D-lactone	177.0 / 129.0	11788	63836	66130	4588	23917	122891	25905	95000	78026
myo-inositol	179.0 / 161.0	42432	91069	51641	142721	179149	152957	63734	107631	90383
4-Pyridoxic acid	182.0 / 138.0	408256	528785	193675	1415656	567209	416162	392747	486690	412045
tyrosine	182.1 / 77.0	1955467	4766793	30684	3852574	6820199	2437101	1397230	2480956	800604
Phosphorylcholine	184.0 / 125.0	3851425	3852953	158652	4614399	6162935	5081681	2667645	4046920	1731788
3-phosphoglycerate	185.0 / 97.0	7718102	6959804	7504534	2682978	2543555	2416617	2217796	2057062	1717885
Indoleacrylic acid	186.0 / 142.0	65889	91272	119712	973370	350300	1048643	159999	71238	154065
3-phospho-serine	186.0 / 88.0	383185	248252	6560	446454	234546	288614	519705	259768	246286
Kynurenic acid	188.0 / 144.0	25618202	30106958	26144704	13415436	22785209	17438881	22790931	21623433	24319782
Acetyllysine	189.0 / 84.0	527824	357869	161432	5121721	299253	13196892	7524661	1027558	5530676
N6-Acetyl-L-lysine	189.0 / 84.2	16660563	19679280	420086	17206227	17470883	15487037	17068711	19097766	9558142
N-acetyl-glutamine	189.1 / 130.0	4013012	4657440	264151	3008083	3853948	3063169	4935225	5804062	516919
N-acetyl-glutamate	190.1 / 84.1	3483859	6793632	54161	1553378	4063421	2051292	1704676	2729705	961415
citrate-isocitrate	191.0 / 111.0	81938626	189718575	98879982	127917536	187600443	189975365	106895503	132054739	156838382
isocitrate	191.0 / 117.0	2248785	1661218	1248896	1377020	1225294	1219791	629980	1046916	768318
citrate	191.1 / 87.0	77032406	76072085	85775916	85427762	106420215	114899307	153125989	181279510	144185710
2-dehydro-D-gluconate	193.0 / 103.0	86591	131232	39808	123697	123108	130894	86777	93251	86625
D-erythrose-4-phosphate	199.0 / 97.0	726107	857196	749975	1496320	1427805	1912196	2862260	3210089	4042213
Ng,NG-dimethyl-L-arginine	203.0 / 70.0	2358216	3704881	56438	2241624	4031944	2772403	2378859	4034069	1788211
Xanthurenic acid	204.0 / 160.0	15966293	15325889	17149600	4153149	11419656	6599731	10835638	17600087	12313251
Acetylcarnitine DL	204.0 / 85.0	10983784	10805037	545624	10035172	11223656	7171138	10799139	9209784	1275521
tryptophan	205.0 / 146.0	6085952	12048647	73305	36464104	38496122	36781757	6036960	8167793	3698681
lipoate	205.0 / 171.0	11764	7496	9905	13734	0	14773	7582	8578	8456
Kynurenine	209.0 / 146.0	5182377	6256889	90091	1288198	1980386	1359748	3589937	3664790	1962478
deoxyribose-phosphate	213.0 / 79.0	25230	57226	20305	52890	15915	59605	51908	48185	56385
pantothenate	218.0 / 146.0	51762	435383	112971	169843	1246166	242411	139926	119980	128608
cystathionine	223.0 / 134.0	1225739	1717275	21578	2375533	2000236	1873057	1073416	1341871	638547
deoxyuridine	227.0 / 184.0	60170	217549	41136	582826	780401	206422	167625	287992	184545
ribose-phosphate	229.0 / 79.0	404665	703381	358330	267027	237562	277537	423106	709120	450255
uridine	243.0 / 200.0	5394487	12944754	5592061	21946348	27872097	24074214	9796467	11960040	10703676
2-deoxyglucose-6-phosphate	243.2 / 97.1	5232	6847	15721	42171	29320	28095	3052	19884	19916
cytidine	244.1 / 112.0	946748	1997286	13799	904942	1537074	1188761	714228	1672050	679140
biotin	245.1 / 227.0	380321	430047	5848	110905	304495	83834	160061	282136	148214
deoxyinosine	251.0 / 135.0	432178	1727387	495311	1836565	1950403	1647358	580006	1254959	773388
deoxyadenosine	252.0 / 136.0	3604506	4570846	72331	12213402	11051231	9572248	3389823	3848618	1968837
shikimate-3-phosphate	253.1 / 97.0	280075	314840	174924	28590	73516	86928	225989	362293	349699
6-phospho-D-glucono-1,5-lactone	257.0 / 97.0	58603	64552	56806	142872	162938	147174	169114	176507	127715
Glycerophosphocholine	258.1 / 104.0	3721481	3376711	938545	3579945	4258100	2753768	5626832	1017413	732756
fructose-6-phosphate	259.0 / 169.0	924163	637300	382539	1258792	1177213	674609	3987179	4220356	1666600
glucose-6-phosphate	259.0 / 199.0	392288	441868	365766	873126	900711	907773	1673898	1610256	1701163
glucose-1-phosphate	259.0 / 241.0	95349	36019	42281	151185	104932	101849	50164	128115	96208
hexose-phosphate	259.0 / 79.0	1638225	1743052	967271	1186704	1285306	1236094	1594657	1674825	1688517
thiamine	265.0 / 122.0	32330039	29423759	9733410	46695155	33757094	47871152	30145902	34527078	17100210

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		2	2	2	2	2	2	2	2	2
Component Name	Mass Info									
1,3-diphosphateglycerate	265.0 / 79.0	1554851	1423735	787600	1422865	2092512	1437256	1373284	1584038	1291664
2,3-Diphosphoglyceric acid	265.1 / 167.1	86634	52975	25322	134225	110077	56797	96092	49163	50484
S-ribosyl-L-homocysteine_neg	266.0 / 134.0	347501	631426	418759	3457594	2580407	3620997	611210	638123	654080
inosine	267.0 / 135.0	43631632	90957024	52155405	160997048	132838351	142036940	17731790	59011947	36742068
adenosine	268.2 / 136.1	93308684	89869929	1212341	108429727	96068555	102020268	83733266	100466871	62915290
6-phospho-D-gluconate	275.0 / 97.0	26952	20067	16033	49291	38643	43661	65851	54069	49165
1-Methyladenosine	281.8 / 150.0	482472	704181	17224	573927	1218665	644570	413165	504394	199006
xanthosine	283.0 / 151.0	18866	17177	39511	219970	26030	187377	43176	21260	39489
D-sedoheptulose-1-7-phosphate	289.0 / 97.0	1633824	2347673	1856888	3552815	2994014	3695162	5159746	4896789	5710738
S-methyl-5-thioadenosine	298.0 / 136.0	26708784	31949987	1307025	32262611	28097286	28654145	23644942	32978160	16023875
7-methylguanosine	298.0 / 166.0	587955	920137	0	718478	1325290	940142	561889	494883	297022
N-acetyl-glucosamine-1-phosphate	300.0 / 79.0	897557	1193006	366769	1891897	1759679	1457288	1105103	1019719	710991
glutathione_neg	306.0 / 143.0	344992	414928	368405	525425	880591	492377	536914	956673	778708
dCMP	308.0 / 112.0	35797	41798	3693	61135	79442	56261	28493	25825	23900
octulose-monophosphate (O8P-O1P)	319.0 / 97.0	527809	1057128	379074	816298	995586	773329	634576	953967	801662
dTMP_neg	321.0 / 195.0	40396	50783	45428	65655	54228	39710	36485	29715	19997
CMP	324.0 / 112.0	104924	196840	114288	143065	267362	188544	429014	627576	461167
UMP	325.0 / 97.0	9414888	9248364	526939	12249323	12327393	10878099	6988462	7019664	4746488
cyclic-AMP	328.0 / 134.1	5648	25797	34928	45118	87004	97281	16320	26416	10080
Nicotinamide ribotide	335.0 / 123.0	1343808	1742974	61858	3380416	3383635	2920411	2352924	3326482	1415457
fructose-1,6-bisphosphate	339.0 / 97.0	6872	4921	5909	12374	10984	10765	21517	18619	20389
trehalose-sucrose	341.0 / 179.0	26549649	41240913	32649514	6813338	18456002	13798476	33234574	38457538	40733440
AMP	348.2 / 136.0	9038	9521	5982	13926	15199	14718	17737	17817	11040
IMP	349.0 / 137.0	381053	380871	443133	229269	213994	251438	150421	381062	233116
S-adenosyl-L-methioninamine	355.0 / 250.0	1230007	2483459	19827	1310389	1935154	94413	1248556	2047816	2179956
GMP	364.0 / 152.0	76165824	64013533	74989728	29112984	40749286	35050150	50437849	51386850	47473826
xanthosine-5-phosphate	365.0 / 97.0	2542871	3319471	2345024	2281001	2418968	1489729	4474951	2548807	3772728
orotidine-5-phosphate	367.0 / 323.0	2356632	3454827	1695681	956269	1927229	1472113	1318193	1984483	1594742
Sedoheptulose 1,7-bisphosphate (SBP)	369.0 / 97.0	88354	88109	50324	31667	42154	40502	66093	95581	73422
riboflavin	377.0 / 243.0	123007	148459	119827	610389	735154	494413	1047816	912836	1079956
trans, trans-farnesyl diphosphate	381.0 / 79.0	27838	15169	0	26219	28643	20432	24801	46499	20569
S-adenosyl-L-homocysteine_neg	383.1 / 134.0	43418	129587	40618	95072	91510	110482	58355	112935	91982
S-adenosyl-L-homoCysteine_pos	385.1 / 136.0	82372	119980	20611	147569	114700	33134	137195	13599	53931
S-adenosyl-L-methionine	399.1 / 250.0	20591911	35746077	562829	35415715	32880012	38373510	23883832	38359685	17024968
CDP_neg	402.0 / 384.0	204924	296840	114288	71532	133681	94272	186528	272859	200508
UDP_neg	403.0 / 159.0	10134995	11180876	7596047	4947156	6388102	6788309	6989469	9335147	9062211
trehalose-6-Phosphate	421.0 / 79.0	432488	567363	263818	423859	565154	420331	432841	507827	417437
dGDP_neg	426.1 / 159.0	8281261	9321717	4935919	2432903	3734656	3179484	7395057	8888354	7607406
IDP_neg	427.0 / 159.0	1330659	1493424	760210	357268	561348	409343	1133890	1407901	1070001
ADP_pos	428.1 / 136.0	3774573	2763033	2585312	6294119	5365293	5138325	10916733	6346830	7039185
CDP-ethanolamine	445.0 / 273.0	13906	10775	17108	25371	23130	23633	23289	20506	17727
dTTP_neg	481.0 / 383.0	9619	10418	6061	26241	34128	17807	19024	23410	7721
CTP_neg	482.0 / 384.0	221618	499405	197870	629501	779453	618940	323929	397271	371607
UTP_neg	483.0 / 385.0	864774	1010063	407770	215163	409886	317738	526681	716817	418407
CDP-choline	487.0 / 428.0	191342	211136	131216	215158	235745	249569	713168	777110	818643
ATP_pos	508.1 / 136.0	4143563	2158363	3782364	1612449	1596259	1515343	1425647	806608	821123
GTP_neg	522.0 / 424.0	120177	161510	128216	111434	171704	102129	98167	166972	115197
UDP-D-glucose	565.0 / 323.0	2145706	2545398	1272341	675124	994713	718253	1451280	1761595	1566874
guanosine 5-diphosphate,3-diphosphate	602.0 / 504.0	56068	131737	44289	143513	177288	131940	59081	90330	61275

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		2	2	2	2	2	2	2	2	2
Component Name	Mass Info									
glutathione disulfide_neg	611.0 / 306.0	4337254	5728249	2414050	4930778	9472872	5731374	3691902	6936740	3493145
glutathione disulfide_pos	613.0 / 231.0	2041894	3131738	6692	1946035	3797285	2327692	1623060	3277511	1316961
NAD+_pos	664.1 / 428.0	3558482	4460407	3183385	13622211	12347601	11194768	9166715	8756514	6343703
NADH	666.1 / 514.0	6336212	7181517	4715868	1950884	1292335	1204937	2431352	3434290	2046811
NADP+_pos	744.2 / 136.0	2558482	3460407	3183385	1811105	1773800	1559384	612770	310990	677500
NADPH	746.2 / 729.0	44585	63698	71785	99575	105868	81733	256830	183698	232493
FAD	786.0 / 348.0	991777	1177368	1052706	4074433	3508274	2995942	4305602	3647772	4117812
acetyl-CoA_pos	810.0 / 303.0	85029	79497	74218	55733	44619	39933	25539	16008	18192

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		4	4	4	4	4	4	4	4	4
Component Name	Mass Info									
Urea	61.1 / 44.2	286661	1533759	729949	415893	1040894	12027889	2179521	596983	7055609
ethanolamine	62.1 / 44.2	111012	116777	105510	280652	207328	122665	214584	2904	154778
Imidazole	69.0 / 42.2	242286	216396	238027	352265	263657	251056	264080	165647	210343
glyoxylate	73.0 / 45.0	618065	874361	784188	196059	693333	475123	257095	640073	351418
pyruvate	87.0 / 43.0	1422213	1696497	1747205	1079768	890592	1100203	1058647	943072	1085251
lactate	89.0 / 43.2	199517	351986	337044	142236	128530	123981	266743	138580	112620
putrescine	89.0 / 72.0	53986	94478	69288	74692	85561	73939	155978	145831	83956
alanine	90.0 / 44.1	31530419	26256030	28431879	16421096	10746114	16355526	22134973	23797670	18350579
sarcosine	90.1 / 44.2	39100387	32366847	36828653	42520178	31380965	46445162	27546134	38245646	48155191
2-oxobutanoate	101.0 / 57.2	24849	59959	125424	589500	645290	443256	319491	168505	189128
acetoacetate	101.0 / 57.2	7983	162451	347678	271242	347163	313331	236447	333340	209110
betaine aldehyde	102.0 / 58.0	3547033	4614026	2461354	3594155	4100066	2708037	4281023	2558067	2385244
dimethylglycine	104.0 / 58.0	15367192	17710136	21619147	15359782	23490818	24995669	21416602	21368645	25772738
choline	104.0 / 60.0	12019469	10748502	15806005	13083898	18147658	10350984	67945048	69867740	31380560
4-aminobutyrate	104.0 / 69.0	28258	37789	39043	281740	337347	831189	37271	51351	51342
glycerate	105.0 / 75.0	2035971	365874	745060	701520	517772	494095	652928	577819	633774
serine	106.0 / 60.0	149905	228609	294279	276200	220697	326256	467184	435883	536323
uracil	111.1 / 42.1	1828152	2502888	1756009	6793314	8269051	7353796	1227872	1422413	1220782
cytosine	112.1 / 95.0	60614	28915	118593	532834	229632	59939	112393	27972	25041
creatinine	114.0 / 44.2	11769	4709	4162	6172	14440	3454	12601	23279	5225
pyrroline-5-carboxylate	114.1 / 68.1	243539	533516	123665	374930	508669	267221	679789	155485	236386
2-ketoisovalerate	115.0 / 71.0	254440	139599	165283	161290	333249	325657	341086	92867	294829
fumarate	115.0 / 71.0	1234831	3029883	3087956	197817	91501	956294	41331	2242928	1414024
maleic acid	115.0 / 71.0	1134928	467813	396235	232399	290812	30568	4458	257569	156166
Guanidoacetic acid	116.0 / 74.3	168817	549543	777918	1294452	717870	866275	1160340	944371	930303
proline	116.1 / 70.1	42572005	66033158	52589569	195425352	269724720	217993874	335741953	292351905	346687810
Methylmalonic acid	117.0 / 73.0	455400	551904	573876	655127	1172023	1005836	236577	278784	284199
succinate	117.0 / 73.0	12765937	2779011	5450203	6206700	3669611	3357097	5070037	3578993	3633603
betaine	118.0 / 58.0	9307391	13695676	12266972	12455914	13715282	15769788	70436588	61944477	41317736
valine	118.1 / 55.2	960872	3687293	1351225	5722491	6302476	3914199	6163132	1018625	2856397
threonine	120.0 / 74.0	11295544	1851019	21792030	8268277	5954348	37809992	3081486	29985036	22283060
nicotinate	122.0 / 78.0	879995	115322	207494	88043	154331	182479	148852	46965	185330
cysteine	122.1 / 59.1	29456	26866	24019	55995	28052	15874	101670	104734	113553
nicotinamide	123.1 / 80.0	1436275	2824552	1844569	2431205	2545591	1682697	4422891	2612675	2908254
Imidazoleacetic acid	127.0 / 81.0	468971	340855	383393	433584	678811	586265	330631	347386	296813
thymine	127.1 / 110.0	23219524	22733168	24813425	16727482	15892430	17164588	21003970	28518901	17064475
Pyroglutamic acid	128.0 / 82.1	59479	800918	906077	268945	358960	345347	605438	892493	779435
2-ketohexanoic acid	129.0 / 101.3	557063	155718	169704	86439	131088	50242	162139	111160	124306
Citraconic acid	129.0 / 85.1	18609925	11106405	15121241	2911833	13573970	7107766	10042628	12477051	9670259
DL-Pipecolic acid	130.0 / 84.0	114153839	163148430	145497866	157832168	170422532	165316185	167083241	146633271	160678304
N-Acetyl-L-alanine	130.0 / 88.0	752053	901816	1407048	4271182	1902419	4251645	1966025	2434610	3491114
N-Acetylputrescine	131.0 / 114.0	1045144	1128588	1151300	1132287	1234952	1340571	438124	1913591	917041
Hydroxyisocaproic acid	131.0 / 85.1	24057202	22996017	22658463	10846615	35926244	24017022	32520355	16705689	19697823
oxaloacetate	131.0 / 87.0	9407263	1389712	1972041	16584877	1607177	2405657	9676181	1849761	2451816
creatine	132.0 / 90.0	142094	116984	174725	240484	269838	269973	642805	205378	413295
Isoleucine	132.1 / 69.0	56380579	64017325	62679127	57307650	60484106	60310554	63569619	60811650	63747125
leucine-isoleucine	132.1 / 86.0	204174499	205663623	212576407	224858175	214322381	232793808	198421469	198714864	204915287
malate	133.0 / 115.0	401650	550969	341996	403300	508159	936537	2279836	2342748	2687512
ornithine	133.0 / 70.0	16860856	26290279	28403111	17950468	29126434	29359938	37669501	33849069	35828895

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		4	4	4	4	4	4	4	4	4
Component Name	Mass Info									
asparagine	133.1 / 74.0	984226	548995	176561	950510	525295	172053	414414	221674	161465
aspartate	134.0 / 74.0	389399	410862	558806	654882	408309	523752	816625	806280	1972513
hypoxanthine	135.0 / 92.0	12855410	52375143	55666568	9911334	12279044	17764651	18542842	24502978	21091484
adenine	136.0 / 119.0	2670237	3462738	2919911	3786299	3350065	2502609	5361863	3099176	4125958
Methylcysteine	136.0 / 119.0	51028	364347	126125	586404	833945	479538	580260	98119	223938
anthranilate	136.0 / 92.0	21041298	27066776	29043136	16871836	39547606	22019021	36873808	24922924	24756408
p-aminobenzoate	136.0 / 92.0	649382	2713589	2879906	484307	614712	852257	923122	1245527	1011940
homocysteine	136.1 / 90.1	40948	327246	71795	143473	180424	148248	350862	161084	286871
p-hydroxybenzoate	137.0 / 93.0	17370959	10829636	15928173	10654436	10953682	10501167	8605552	5182	11338051
methylnicotinamide	137.0 / 94.0	7286618	13396218	10016991	3168168	3653517	4660389	5284471	4401678	4882011
acetylphosphate	139.0 / 79.0	2011363	181563	230953	77718	95223	80450	170396	411012	405170
Carbamoyl phosphate	140.0 / 79.0	112198	71545	110608	84901	106904	111702	69202	77880	103307
a-ketoglutarate	145.0 / 101.0	1173358	975026	1295800	1431945	1400473	2012131	4447397	3004246	3225840
Phenylpropionic acid	145.0 / 101.0	105281	229701	251107	144919	290659	237950	198321	299705	212690
spermidine	146.0 / 112.0	8376657	3981762	1604666	17029729	3536089	1730370	7463115	1076731	1566644
lysine	147.0 / 67.0	44089165	63850096	56507978	69117433	65177174	60491997	66165952	55917216	55884272
2-Hydroxy-2-methylbutanedioic acid	147.0 / 85.1	615820	787039	1501085	7815099	6949097	5749489	3624739	1679130	2238864
2-oxo-4-methylthiobutanoate	147.0 / 99.0	101174	219638	203288	135991	213291	195388	231743	223278	204263
glutamine	147.1 / 84.1	307804530	375638373	376798219	379337995	382032796	358789724	385394141	339554457	394033970
O-acetyl-L-serine	148.0 / 106.0	53463	93235	78273	370789	270696	208712	1152434	131690	322687
glutamate	148.1 / 84.1	307804530	375638373	376798219	1579337995	1282032796	1358789725	1385394141	2339554457	2394033970
3-methylphenylacetic acid	149.0 / 105.0	512333	326026	229962	127590	244307	84674	260190	347217	261651
methionine	150.1 / 133.0	1847557	2422833	2404182	2617099	2597059	2891418	812794	2797050	2049206
Hydroxyphenylacetic acid	151.0 / 107.0	514338	413143	479062	436084	489765	389993	337221	504440	438036
xanthine	151.0 / 108.0	153745575	20127859	20768311	7597314	12025778	9193726	19393646	19051674	17407360
guanine	152.2 / 110.0	316939	391460	283956	640272	564653	339763	804444	279814	453208
2,3-dihydroxybenzoic acid	153.0 / 109.0	247074	224984	532869	2257533	19354	1409418	25748	291085	264890
orotate	155.0 / 111.0	9739380	10393304	7094284	25285641	27514313	24697254	4798712	6236463	4431407
histidine	156.1 / 110.1	53344456	78457862	30944386	73164195	78904866	61491824	79246691	53129213	91027799
dihydroorotate	157.0 / 113.0	387128861	335238423	342977426	231315195	261932656	249541331	210612528	319898941	226357304
allantoin	157.1 / 114.0	59847	44598	63161	166103	168761	99562	169083	69082	100859
Amino adipic acid	160.0 / 116.0	368446	442225	620431	1991789	1795263	596188	4124804	763525	814956
Indole-3-carboxylic acid	160.0 / 116.0	884531	776702	838600	1991789	1778842	582552	4027888	890920	743192
2-amino adipic acid	162.1 / 98.0	652722	300418	601861	47818	19846	51288	158260	899151	169670
phenylpyruvate	163.0 / 91.0	11094887	3080805	2361185	334438	796719	1166563	1763458	2238869	1600928
Phenyllactic acid	165.0 / 103.1	111911	162996	87235	161711	344164	139551	76883	142464	117174
Atrolactic acid	165.0 / 119.0	19341	126435	116992	205447	674387	240968	155148	131761	129942
quinolinate	166.0 / 122.0	399764	165271	146918	228847	175125	194107	165324	124529	135222
Methionine sulfoxide	166.0 / 74.0	97251	114621	69244	45799	76301	72603	55742	125770	33524
phenylalanine	166.1 / 103.0	6135525	15899824	10884846	25829685	18040861	22034195	12965131	10489689	10728593
phosphoenolpyruvate	167.0 / 79.0	1912236	1810130	1745869	724380	816939	928393	930787	914053	1023052
dihydroxy-acetone-phosphate	169.0 / 79.0	131241	126604	134564	279714	270865	245956	781784	761854	766250
D-glyceraldehyde-3-phosphate	169.1 / 97.0	134188	129669	131008	206086	229793	219633	424242	406801	391646
pyridoxine	170.0 / 134.0	7511633	16568225	11953795	3350109	7935982	5358363	16012995	12214985	13196512
sn-glycerol-3-phosphate	171.0 / 79.0	2130708	2374168	2096517	597323	567138	569791	350213	308642	313997
shikimate	173.0 / 93.0	43976	66039	44764	38837	57841	49924	54221	50747	51389
aconitate	173.1 / 85.0	402640	339312	444422	397801	395944	471382	87976	102267	107442
2-Isopropylmalic acid	175.0 / 115.0	5536621	12548085	141524560	1100126	2401326	73718799	2739215	115794252	101759462
N-acetyl-L-ornithine	175.0 / 115.1	2841446	4799256	2463878	3814640	3772634	2663936	3639550	3452141	2245805

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		4	4	4	4	4	4	4	4	4
Component Name	Mass Info									
allantoate	175.0 / 132.0	32499	69009	81498	76593	87069	85541	80989	86392	86194
N-carbamoyl-L-aspartate_neg	175.0 / 132.0	32499	69009	81498	76614	87069	85541	80989	86392	86194
arginine	175.0 / 60.0	41998926	59005190	40681726	58861344	53963608	48247352	54509128	40080053	44304892
Ascorbic acid	175.0 / 87.0	160988	222052	125637	257339	586532	312694	85230	142758	103395
citrulline	176.0 / 159.0	1922518	1689686	1390248	1790434	1369602	76075	2916126	1395075	1851767
Pyrophosphate	176.8 / 158.6	15569344	4087025	4963533	8483594	5737047	6538396	5352804	4291865	4843404
glucono-D-lactone	177.0 / 129.0	20059	37357	94448	33223	37888	79656	49632	18306	66647
myo-inositol	179.0 / 161.0	93637	108238	80562	106887	141754	145129	79238	102183	118863
4-Pyridoxic acid	182.0 / 138.0	566514	412115	359063	1761515	439125	346286	365814	385869	370473
tyrosine	182.1 / 77.0	378796	1858994	609914	3265650	4232570	2159002	2792110	613719	1091543
Phosphorylcholine	184.0 / 125.0	1293014	2012076	1982541	3610596	4813990	3979926	3001937	2252244	2437737
3-phosphoglycerate	185.0 / 97.0	7302217	7170835	6990499	2619768	3086584	3045243	2241512	2138965	2318991
Indoleacrylic acid	186.0 / 142.0	119731	116791	104487	774169	573392	938206	57090	84812	92897
3-phospho-serine	186.0 / 88.0	201555	164909	187343	329790	167804	261571	569200	189963	311391
Kynurenic acid	188.0 / 144.0	25693303	18337142	20401345	14329602	21569086	20697511	18101654	16631159	17769614
Acetyllysine	189.0 / 84.0	6468197	2983327	6988610	3593159	946999	11723014	346653	7024858	8808286
N6-Acetyl-L-lysine	189.0 / 84.2	10894943	16136051	11852223	13316892	14194974	13854586	21715705	13052609	15251976
N-acetyl-glutamine	189.1 / 130.0	1340739	3733486	1547070	2985300	2891990	2802783	5393930	1303759	4921981
N-acetyl-glutamate	190.1 / 84.1	1305870	4118048	2558834	1363584	3397291	2244711	2025225	1470393	1611755
citrate-isocitrate	191.0 / 111.0	15168666	116370074	102950883	125904649	243245634	114288669	137005972	120827901	181386594
isocitrate	191.0 / 117.0	1207646	1764740	1465017	1628922	1443984	1382597	1151382	1590332	1057641
citrate	191.1 / 87.0	94041482	78657685	90096274	105141337	105014536	102589207	105391785	122338274	130405311
2-dehydro-D-gluconate	193.0 / 103.0	28496	86218	83348	85513	97423	110857	77970	94149	99876
D-erythrose-4-phosphate	199.0 / 97.0	780543	808992	737504	967402	1022168	1288435	2963149	3105115	2706435
Ng,NG-dimethyl-L-arginine	203.0 / 70.0	1331318	3227756	3013768	1648392	3471890	2920792	3537993	2956647	2489595
Xanthurenic acid	204.0 / 160.0	7762929	11036016	11774950	4908140	11246401	7623087	12429208	13741985	13634064
Acetylcarnitine DL	204.0 / 85.0	6097742	8732339	7211860	9632214	9637788	7204557	14510017	4607890	9710112
tryptophan	205.0 / 146.0	2104984	6370162	4482153	32834796	32973344	32013094	6166687	3792161	5111115
lipoate	205.0 / 171.0	24069	14779	5195	3560	0	15471	3997	6447	8314
Kynurenine	209.0 / 146.0	1912738	3230035	3033184	1105991	1672088	2391305	3991569	2241985	3113255
deoxyribose-phosphate	213.0 / 79.0	56092	30315	40211	19362	14946	39826	33836	25833	43510
pantothenate	218.0 / 146.0	204152	87003	72657	156937	88824	280886	82431	86493	61092
cystathionine	223.0 / 134.0	532375	1210693	884863	1782907	1612296	1721947	930324	861851	782562
deoxyuridine	227.0 / 184.0	218625	132782	56036	480818	454035	458024	196598	244111	90675
ribose-phosphate	229.0 / 79.0	15124890	355144	448897	317806	150365	253421	291688	404471	270049
uridine	243.0 / 200.0	38278904	8950663	8670607	22646880	21884758	21279052	8428837	7492077	6917724
2-deoxyglucose-6-phosphate	243.2 / 97.1	69773	12621	13497	22821	11398	45010	14637	12922	6570
cytidine	244.1 / 112.0	251131	711745	470622	1099185	988158	1577874	976071	418114	717588
biotin	245.1 / 227.0	190387	235671	213403	84528	158537	85249	162527	114088	180894
deoxyinosine	251.0 / 135.0	231710	1124493	864405	1003824	996775	1083322	512180	611057	468380
deoxyadenosine	252.0 / 136.0	1376230	2422263	1853256	11375642	10265484	10168470	3582568	2003457	2626790
shikimate-3-phosphate	253.1 / 97.0	705552	354715	378256	48631	74947	139943	304280	356383	352665
6-phospho-D-glucono-1,5-lactone	257.0 / 97.0	64519	56527	60301	94266	102525	92299	129603	126270	139598
Glycerophosphocholine	258.1 / 104.0	12393847	3441352	645384	4287967	3557252	2982004	2368549	1032323	1003851
fructose-6-phosphate	259.0 / 169.0	547750	504173	533320	934969	915811	929575	1377514	1213518	1514404
glucose-6-phosphate	259.0 / 199.0	402924	371979	394638	880529	913021	934800	1736725	1651994	1711219
glucose-1-phosphate	259.0 / 241.0	1206147	128725	142306	145971	80597	107352	30537	127935	87466
hexose-phosphate	259.0 / 79.0	79786745	1527076	1770127	1206980	1076395	1451202	1733187	1473958	1794565
thiamine	265.0 / 122.0	25443454	26405409	14858349	43407328	37046305	42671780	26638934	17816068	25115219

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		4	4	4	4	4	4	4	4	4
Component Name	Mass Info									
1,3-diphosphateglycerate	265.0 / 79.0	2506413	1442292	1421629	1360667	1757318	1543502	1724533	1552507	1352047
2,3-Diphosphoglyceric acid	265.1 / 167.1	508303	46421	39247	120313	99744	36198	159851	83766	72956
S-ribosyl-L-homocysteine_neg	266.0 / 134.0	24392433	327356	408006	2884646	2445064	2445532	490143	365382	441083
inosine	267.0 / 135.0	63786677	95913580	114155780	109789769	84027920	111897311	16344247	28049303	23170310
adenosine	268.2 / 136.1	44046960	53037193	53871400	146355235	97667902	137453586	75998662	49119144	67707249
6-phospho-D-gluconate	275.0 / 97.0	20810	17067	27430	33984	26219	35735	40949	51262	46839
1-Methyladenosine	281.8 / 150.0	234954	495437	433589	560539	991973	665919	769707	430346	515023
xanthosine	283.0 / 151.0	11292108	29591	21851	86909	14091	97335	17730	8368	27080
D-sedoheptulose-1-7-phosphate	289.0 / 97.0	2142405	2190900	2166236	4433803	3522514	5214486	7570558	8380154	9819690
S-methyl-5-thioadenosine	298.0 / 136.0	8183689	20120237	13016566	20017303	17733524	24654538	24501967	14944631	18976329
7-methylguanosine	298.0 / 166.0	303198	757258	551788	814564	1343453	1064928	714299	382730	514210
N-acetyl-glucosamine-1-phosphate	300.0 / 79.0	1202073	823443	676543	3015249	1725124	1726442	1077971	822736	635304
glutathione_neg	306.0 / 143.0	271082	326198	358223	404814	681559	455402	3375562	2331078	3319162
dCMP	308.0 / 112.0	12751	20124	23710	47270	42654	41460	36745	11102	17995
octulose-monophosphate (O8P-O1P)	319.0 / 97.0	2490742	714699	857289	978146	1066165	915700	987924	872535	821266
dTMP_neg	321.0 / 195.0	26228	29459	41963	64501	79981	39593	59777	24300	28911
CMP	324.0 / 112.0	188081	149328	180683	220389	210508	166597	846281	741743	716830
UMP	325.0 / 97.0	3991439	3633181	3508910	11186771	10637049	9426755	5243356	3435838	3094215
cyclic-AMP	328.0 / 134.1	71191	7993	17963	249092	75228	112473	8407	10305	9252
Nicotinamide ribotide	335.0 / 123.0	506162	1398177	816170	4127782	3546826	3794415	4575489	4035290	3357509
fructose-1,6-bisphosphate	339.0 / 97.0	7367	4294	5621	10884	10292	10576	26845	14638	15137
trehalose-sucrose	341.0 / 179.0	15873711	36808145	40006177	5822249	15203470	17728892	33131329	41178245	40331614
AMP	348.2 / 136.0	7292	7009	6992	15049	14443	13248	15989	19642	14551
IMP	349.0 / 137.0	368454	340572	370036	293390	159545	417874	483845	310660	372439
S-adenosyl-L-methioninamine	355.0 / 250.0	2142046	2168002	738465	2383745	2351163	1828236	1244260	2071906	1122824
GMP	364.0 / 152.0	73870005	69334275	72960993	37073976	50702605	42020076	43114038	35793249	32551757
xanthosine-5-phosphate	365.0 / 97.0	3678542	3121401	2846116	1833571	1855558	1488149	4920494	2980587	2698192
orotidine-5-phosphate	367.0 / 323.0	307282	3530118	2696078	590987	1913031	2153208	1175644	1827173	1495462
Sedoheptulose 1,7-bisphosphate (SBP)	369.0 / 97.0	102443	109803	95554	26856	47536	62067	4730	83724	77364
riboflavin	377.0 / 243.0	122046	134792	148465	409901	351163	619219	1244260	1071906	1122824
trans, trans-farnesyl diphosphate	381.0 / 79.0	2810	12067	7430	19459	21797	22732	18117	11229	24610
S-adenosyl-L-homocysteine_neg	383.1 / 134.0	23775	49870	48315	100907	100918	103966	58474	46230	46448
S-adenosyl-L-homoCysteine_pos	385.1 / 136.0	141753	69428	13936	408958	142939	44529	69564	16575	28457
S-adenosyl-L-methionine	399.1 / 250.0	8469103	27493719	23116354	29194008	28834508	35839464	24382979	26620196	26088193
CDP_neg	402.0 / 384.0	88081	249328	280683	50194	105254	83298	282094	247248	238943
UDP_neg	403.0 / 159.0	3167376	10787913	12575100	4913314	4632614	6175856	9670506	10603789	10630995
trehalose-6-Phosphate	421.0 / 79.0	289026	371833	454089	317196	488637	413412	458993	459085	429654
dGDP_neg	426.1 / 159.0	62409	8934988	9012394	2336633	3922157	3825635	9416425	9767696	8840367
IDP_neg	427.0 / 159.0	10660	1378616	1370702	343270	560319	590839	1484548	1474399	1349945
ADP_pos	428.1 / 136.0	2549612	4104031	2974269	3618329	5024319	5755489	4608862	9246588	6016651
CDP-ethanolamine	445.0 / 273.0	15235	12168	10428	30069	25548	27806	28144	13209	16163
dTTP_neg	481.0 / 383.0	8308	7986	5343	19055	25679	30402	8540	9572	12659
CTP_neg	482.0 / 384.0	174980	171465	243253	698501	685033	622101	280435	209833	206659
UTP_neg	483.0 / 385.0	258289	1374780	1291583	195118	409345	729745	899534	1005789	948333
CDP-choline	487.0 / 428.0	138168	142165	168748	267506	191191	210980	761544	849444	710631
ATP_pos	508.1 / 136.0	4844909	3291825	2912860	3067124	2099641	1513223	2438344	3109946	1700215
GTP_neg	522.0 / 424.0	166335	175120	149102	183550	219684	158201	113190	94358	124087
UDP-D-glucose	565.0 / 323.0	374225	2618003	2491299	363273	683113	617115	1649860	2000641	1478705
guanosine 5-diphosphate,3-diphosphate	602.0 / 504.0	78766	48018	47955	174586	159667	148882	75029	48096	50030

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		4	4	4	4	4	4	4	4	4
Component Name	Mass Info									
glutathione disulfide_neg	611.0 / 306.0	1726053	3912020	4691100	4122369	8193872	5924856	4012690	3935600	2957747
glutathione disulfide_pos	613.0 / 231.0	1218219	2568083	2008820	1353650	2825269	2303448	1823578	1948628	1697268
NAD+_pos	664.1 / 428.0	2529912	4122659	3021730	2831760	3141043	2550215	5869439	4667045	4296134
NADH	666.1 / 514.0	5678532	3539596	8311172	2532605	1846180	3422115	2103249	1903651	3274325
NADP+_pos	744.2 / 136.0	2529912	4122659	3021730	2747640	1711565	2325323	791679	689129	585926
NADPH	746.2 / 729.0	52778	67952	73177	79863	87434	98194	187581	219581	319855
FAD	786.0 / 348.0	1159099	1254711	1077009	2678876	2098909	1969157	5626286	5368229	3401300
acetyl-CoA_pos	810.0 / 303.0	67394	79795	67597	52328	33604	39194	37003	57359	47055

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		6	6	6	6	6	6	6	6	6
Component Name	Mass Info									
Urea	61.1 / 44.2	5436895	14459382	383983	985841	977998	31240993	1701365	1479061	1367251
ethanolamine	62.1 / 44.2	119940	100443	131566	15249	137565	49682	3977	118296	63242
Imidazole	69.0 / 42.2	591539	560864	221131	554473	410434	349937	544880	633257	679146
glyoxylate	73.0 / 45.0	226183	555024	604637	229653	395934	295002	284707	492046	473153
pyruvate	87.0 / 43.0	1628555	1673069	1889485	1527649	1743932	2203350	1470988	1363484	1291015
lactate	89.0 / 43.2	263342	196640	156571	212498	143820	193785	126916	90718	93221
putrescine	89.0 / 72.0	75728	74403	73717	88137	68601	74732	183110	159031	139982
alanine	90.0 / 44.1	4948773	5897704	6409560	6028766	4586058	6786394	4975897	6449046	8292883
sarcosine	90.1 / 44.2	1278336	1112849	9775016	3701676	2982416	4045459	3901538	3931628	3073652
2-oxobutanoate	101.0 / 57.2	190082	12536	2836	13949	5002	4023	16244	13455	3180
acetoacetate	101.0 / 57.2	105395	37016	272867	93178	78320	148664	40833	61019	77532
betaine aldehyde	102.0 / 58.0	3422598	3824180	2300252	3566382	3072744	2307815	3823942	2670899	2492988
dimethylglycine	104.0 / 58.0	1303969	1743463	3373430	4157205	9155453	9536147	3584538	8130888	5480394
choline	104.0 / 60.0	11719884	12432029	10568092	8140302	15430222	9470173	72501058	64947830	79140572
4-aminobutyrate	104.0 / 69.0	51188	33343	30891	184568	161911	168888	26687	46673	30326
glycerate	105.0 / 75.0	159190	1647354	1682372	1553314	1202104	1623393	1383146	1395577	1521698
serine	106.0 / 60.0	162111	139875	153492	204465	129364	162692	294971	348200	327419
uracil	111.1 / 42.1	3554291	1989594	1004061	5590496	1992887	5099545	2131399	502393	2264085
cytosine	112.1 / 95.0	1349441	1065699	136516	230450	331335	307171	422536	148939	289917
creatinine	114.0 / 44.2	3128	4073	12550	15976	5562	5835	15095	6788	18385
pyrroline-5-carboxylate	114.1 / 68.1	631227	474398	68995	413329	373867	204153	338541	284565	292721
2-ketoisovalerate	115.0 / 71.0	70329	646748	806346	175436	707403	659236	626452	189605	546454
fumarate	115.0 / 71.0	350500	934022	687283	280992	223762	151008	120189	631727	123697
maleic acid	115.0 / 71.0	311155	667273	831723	252599	460601	360678	964794	907289	562375
Guanidoacetic acid	116.0 / 74.3	983892	211633	592631	695910	1242581	786494	343261	1008728	493379
proline	116.1 / 70.1	50943467	47762254	37952470	278350467	313262848	245606680	272992249	321661604	278501147
Methylmalonic acid	117.0 / 73.0	623134	264813	353205	413826	622069	514698	343326	304515	338828
succinate	117.0 / 73.0	15722032	9579508	9952555	9804636	6955629	8028309	6744235	7213571	6388730
betaine	118.0 / 58.0	11411208	14489153	18008933	17653606	14453671	21064901	72616591	81643849	53064877
valine	118.1 / 55.2	3696423	3096275	334793	6639114	4952760	4177536	5022452	3266217	3700183
threonine	120.0 / 74.0	274435	236522	3782239	1895575	1534749	1956557	744931	1078072	777787
nicotinate	122.0 / 78.0	27188	589439	724404	412586	339054	468823	450097	615560	722770
cysteine	122.1 / 59.1	27203	27391	24107	67173	64469	65918	108196	92908	139545
nicotinamide	123.1 / 80.0	133821	62851	44279	26809	46915	32532	115090	554411	380405
Imidazoleacetic acid	127.0 / 81.0	10299	27454	302469	66289	165755	279698	24103	122995	112789
thymine	127.1 / 110.0	15205588	22843601	29164503	21150463	23785276	28079400	14574475	31682076	19282255
Pyroglutamic acid	128.0 / 82.1	337634	56270	13204	8904	19423	50900	20250	4004	73245
2-ketohexanoic acid	129.0 / 101.3	87728	356115	401060	135163	316615	218182	477469	452932	401421
Citraconic acid	129.0 / 85.1	5775176	11464402	11286061	6594652	9727822	7293969	7324085	9883508	10364486
DL-Pipecolic acid	130.0 / 84.0	111348451	92058150	50055109	133810493	117143649	112254533	113748263	110274190	109538651
N-Acetyl-L-alanine	130.0 / 88.0	4389894	677847	481896	1541850	1197240	1595672	2436715	1385259	1507625
N-Acetylputrescine	131.0 / 114.0	120258	117767	355008	202236	409685	114551	169947	80537	87913
Hydroxyisocaproic acid	131.0 / 85.1	5362414	27186818	21362268	15142498	27676325	18401009	33277050	24994361	34152731
oxaloacetate	131.0 / 87.0	8667921	3974698	3836463	7918675	2778410	2762165	9258323	3615209	4037366
creatine	132.0 / 90.0	38575	73643	10296	97683	77969	88691	228801	114817	126702
Isoleucine	132.1 / 69.0	15868752	13526384	23211293	32384254	36529074	35813408	17650774	34269165	15257036
leucine-isoleucine	132.1 / 86.0	171357554	140301113	135569126	249362739	203764914	209715449	182427883	203502471	156625353
malate	133.0 / 115.0	420167	245099	383733	265446	345944	852890	1430225	2275909	2753622
ornithine	133.0 / 70.0	14353178	11147738	5341427	15794388	18600971	15560903	25137324	20378973	22574111

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		6	6	6	6	6	6	6	6	6
Component Name	Mass Info									
asparagine	133.1 / 74.0	238520	110981	115797	351316	381897	130518	233544	153407	106024
aspartate	134.0 / 74.0	346208	424576	510719	454882	408309	523752	624739	764531	704416
hypoxanthine	135.0 / 92.0	80137798	19326017	10676160	5129121	5261926	5475769	11739811	7187263	12670979
adenine	136.0 / 119.0	21111939	11700589	3747327	4246806	3122931	2330543	15685063	14211345	13770671
Methylcysteine	136.0 / 119.0	643006	432757	38803	1660420	1163813	1041324	867850	798009	819507
anthranilate	136.0 / 92.0	26122914	24635527	15049264	12930701	24475087	24024140	23697012	17354446	21007431
p-aminobenzoate	136.0 / 92.0	4713689	934436	499825	224340	238370	267484	549444	339210	627204
homocysteine	136.1 / 90.1	163578	108158	58978	156218	215880	132639	177394	208751	129979
p-hydroxybenzoate	137.0 / 93.0	3945607	16737509	16375853	10849657	10701906	11105043	6495309	1928	8320832
methylnicotinamide	137.0 / 94.0	11854778	13818377	3158179	3866652	4627179	3512702	11668758	7330354	9617784
acetylphosphate	139.0 / 79.0	44917	2291171	918758	243562	507408	146861	2535074	2029216	2676674
Carbamoyl phosphate	140.0 / 79.0	65030	111132	82806	162514	118652	142665	123305	165233	227858
a-ketoglutarate	145.0 / 101.0	2429489	2243954	1251713	2585256	2122162	1418076	3349106	3387852	3112987
Phenylpropionic acid	145.0 / 101.0	212741	120759	140510	168345	153849	167092	155572	175939	186077
spermidine	146.0 / 112.0	30670773	10642248	1738176	21184336	7436225	3546004	13269826	3457289	26404
lysine	147.0 / 67.0	40061704	30127341	14216005	47812810	38169891	36153569	40242117	36281180	34038587
2-Hydroxy-2-methylbutanedioic acid	147.0 / 85.1	3750356	20564	13118	177945	131250	136239	33997	27297	30192
2-oxo-4-methylthiobutanoate	147.0 / 99.0	184667	68576	87953	141976	126490	114698	120332	113210	125717
glutamine	147.1 / 84.1	292600937	241044381	157755125	340174185	296627041	300147990	300441775	294516934	291082389
O-acetyl-L-serine	148.0 / 106.0	136065	126744	4977	435645	246083	244379	745904	194300	377896
glutamate	148.1 / 84.1	292600938	341044381	357755125	1340174185	1376627042	1330147990	2300441775	2294516934	2291082389
3-methylphenylacetic acid	149.0 / 105.0	138863	480490	430763	430779	371934	330711	535467	403159	406232
methionine	150.1 / 133.0	4104146	4748836	1269199	10026754	5945030	4017094	8784935	3634357	7449948
Hydroxyphenylacetic acid	151.0 / 107.0	652661	482618	477845	528410	433530	374465	266720	407030	296315
xanthine	151.0 / 108.0	10701204	139251795	112134136	86062692	143508606	63765959	160444805	166013901	149411129
guanine	152.2 / 110.0	166544	216367	39252	549579	314154	290416	487534	321855	450506
2,3-dihydroxybenzoic acid	153.0 / 109.0	1160226	320259	254082	1228425	862302	1824449	326595	311799	349310
orotate	155.0 / 111.0	19055341	7521314	3121323	19483822	6210991	16235791	7218696	1339702	8360770
histidine	156.1 / 110.1	40716235	22915734	14528562	55518719	46333461	35353130	54417549	39729738	26586909
dihydroorotate	157.0 / 113.0	156692446	332396326	320624288	255671349	262595097	300011232	195788361	314854510	227463102
allantoin	157.1 / 114.0	85212	81064	34270	28430	65981	36639	35610	49089	40691
Amino adipic acid	160.0 / 116.0	855003	1062046	1913732	1043806	3528401	2435084	985502	3225146	2136285
Indole-3-carboxylic acid	160.0 / 116.0	852484	2412005	1939253	1415397	3220258	2152669	1443900	3421507	2163120
2-amino adipic acid	162.1 / 98.0	246453	122501	33080	93383	50007	43401	54632	82724	68954
phenylpyruvate	163.0 / 91.0	1193037	6175315	7548694	2219135	7673503	3684716	8225171	9749239	8551046
Phenyllactic acid	165.0 / 103.1	87242	93721	64584	93782	239647	134113	123720	140675	141039
Atrolactic acid	165.0 / 119.0	135990	153839	245060	10262	644358	10592	23742	313598	4377
quinolinate	166.0 / 122.0	181828	475093	371400	407385	248310	375135	213598	251812	491928
Methionine sulfoxide	166.0 / 74.0	386946	184140	67967	126555	100931	99083	106860	145565	130496
phenylalanine	166.1 / 103.0	29002509	26841616	7558581	47969730	41483763	34658812	39133992	39202513	37388491
phosphoenolpyruvate	167.0 / 79.0	1831547	1536376	1941499	1032985	1105656	1153422	1288948	1208753	1293803
dihydroxy-acetone-phosphate	169.0 / 79.0	130949	128631	131980	229329	221479	270128	757017	810005	797345
D-glyceraldehyde-3-phosphate	169.1 / 97.0	134296	130701	129711	234787	177399	162380	393680	370482	450747
pyridoxine	170.0 / 134.0	12304785	12726755	2805287	3772044	5073616	3912336	16157170	13039214	14645632
sn-glycerol-3-phosphate	171.0 / 79.0	2011963	2190948	2147944	897322	867138	869791	591573	593592	509409
shikimate	173.0 / 93.0	43060	60804	58733	54433	88886	71266	86530	70492	74778
aconitate	173.1 / 85.0	310730	376517	467470	847644	334059	851567	107534	73277	85502
2-Isopropylmalic acid	175.0 / 115.0	7519231	5294286	5685138	406412	1352498	2700491	2212343	4739434	4111864
N-acetyl-L-ornithine	175.0 / 115.1	3245000	2491367	1512516	3332147	2551201	2301281	2825331	2528898	1854252

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		6	6	6	6	6	6	6	6	6
Component Name	Mass Info									
allantoate	175.0 / 132.0	68094	24168	25902	45283	34520	37006	36323	32324	42753
N-carbamoyl-L-aspartate_neg	175.0 / 132.0	68094	24168	25902	43569	33627	37006	36323	32324	42753
arginine	175.0 / 60.0	50657247	31931212	24805425	52641198	38535578	36025127	42769640	29345585	32751358
Ascorbic acid	175.0 / 87.0	252841	125287	83444	112061	259815	155593	129996	104084	111127
citrulline	176.0 / 159.0	290423	610372	6486	863524	690657	598533	936444	1121003	1187861
Pyrophosphate	176.8 / 158.6	5317150	12849342	18194740	12038707	10067455	10495170	8840458	8089865	9349407
glucono-D-lactone	177.0 / 129.0	21068	14413	90593	8637	16126	142245	35596	67775	84305
myo-inositol	179.0 / 161.0	82379	76529	95492	106688	173933	122919	99212	156758	118701
4-Pyridoxic acid	182.0 / 138.0	1654336	417591	397362	661544	487155	482195	185997	464544	541223
tyrosine	182.1 / 77.0	2853729	1992295	156731	7150761	5086226	4019523	3791234	3227297	3400234
Phosphorylcholine	184.0 / 125.0	2757393	2457928	815936	6464733	4305320	3554136	4895370	4660083	3890651
3-phosphoglycerate	185.0 / 97.0	7198416	6843680	6828532	4016206	4234292	4315224	4368034	4311735	4618524
Indoleacrylic acid	186.0 / 142.0	466720	114090	69734	273885	337408	232109	165266	98239	178522
3-phospho-serine	186.0 / 88.0	108124	88565	37265	271026	105127	102499	315542	111762	127887
Kynurenic acid	188.0 / 144.0	8784744	25446426	15063112	14602897	18811518	17409155	29434740	19787209	33220770
Acetyllysine	189.0 / 84.0	39437	21460	1102800	72372	45612	54127	49059	75676	36863
N6-Acetyl-L-lysine	189.0 / 84.2	7554690	6636915	2458819	8293761	8364610	5668138	7421224	7128648	7087639
N-acetyl-glutamine	189.1 / 130.0	2110054	2068769	71860	1410226	1213568	1316000	2244220	2736957	3114310
N-acetyl-glutamate	190.1 / 84.1	5219967	3685840	949160	2044165	3677326	1921094	2852250	2520090	12943
citrate-isocitrate	191.0 / 111.0	156959715	36101914	30589007	92731265	66847415	49531861	50283099	38152778	43513516
isocitrate	191.0 / 117.0	1442475	1465959	1196066	1336650	1442049	1953118	1262037	1043487	1000122
citrate	191.1 / 87.0	84561186	87006412	9857043	92836669	135665886	9860579	116985569	107421527	12323592
2-dehydro-D-gluconate	193.0 / 103.0	54443	22214	25239	47029	48576	52230	40238	23490	58848
D-erythrose-4-phosphate	199.0 / 97.0	845339	814589	866194	1277504	996514	1050016	3383288	2653951	3149869
Ng,NG-dimethyl-L-arginine	203.0 / 70.0	2175598	1584762	568164	1327814	1512317	1134557	1994290	2128723	1796716
Xanthurenic acid	204.0 / 160.0	3875006	23884803	7291043	4772102	16710537	8841960	17614216	22541353	60630061
Acetylcarnitine DL	204.0 / 85.0	5743088	4609711	657915	8262930	6112392	5484811	11434567	7635074	9023741
tryptophan	205.0 / 146.0	4611806	4076982	740265	31042590	23020550	21519991	6788545	6126015	6614616
lipoate	205.0 / 171.0	5203	21868	24021	8309	9365	5096	13936	11156	10957
Kynurenine	209.0 / 146.0	1132401	958860	247417	1309570	1237346	923040	1450930	1028398	1135737
deoxyribose-phosphate	213.0 / 79.0	134985	52308	42264	67493	115778	30544	48652	68016	42049
pantothenate	218.0 / 146.0	115377	88569	2965	1343025	1899494	1782472	316699	433541	464961
cystathionine	223.0 / 134.0	435672	311964	99698	1301553	732816	658537	464259	363141	318317
deoxyuridine	227.0 / 184.0	323222	143238	88380	209978	441146	343367	464018	384380	350229
ribose-phosphate	229.0 / 79.0	367138	6388411	11201611	7426128	19792631	3343497	12284329	21002359	11016657
uridine	243.0 / 200.0	14745518	40451076	53121040	44952838	56235333	51620227	59402596	64940903	58674548
2-deoxyglucose-6-phosphate	243.2 / 97.1	5260	104264	33112	30433	49595	89354	82453	220249	85888
cytidine	244.1 / 112.0	6055508	4339996	1109270	8778510	4477156	7875568	5184783	3356219	4558686
biotin	245.1 / 227.0	565279	266812	249164	199783	75769	81752	261292	193757	205502
deoxyinosine	251.0 / 135.0	2297174	220243	232991	421108	309832	372450	257766	126618	229022
deoxyadenosine	252.0 / 136.0	21128158	9417625	5681394	27754793	32008259	20443770	26112150	25821715	19548839
shikimate-3-phosphate	253.1 / 97.0	53700	413294	559250	87774	114595	76480	396816	455675	460677
6-phospho-D-glucono-1,5-lactone	257.0 / 97.0	63948	62652	53574	83557	92833	86735	120883	127605	109459
Glycerophosphocholine	258.1 / 104.0	285658	225805	143216	1907803	3860143	321178	1485878	385111	381663
fructose-6-phosphate	259.0 / 169.0	553831	529193	508216	720605	699256	744502	1031542	1207393	1108993
glucose-6-phosphate	259.0 / 199.0	427332	372063	393697	890521	885746	929163	1679309	1717965	1766131
glucose-1-phosphate	259.0 / 241.0	81020	1144845	513572	120217	250879	318975	1366027	1037764	1227123
hexose-phosphate	259.0 / 79.0	1078486	63840451	5812568	5969973	3636178	5103595	64562298	53890426	7853749
thiamine	265.0 / 122.0	26556990	18713154	16376908	45677000	35014199	26838913	29185857	21080549	18073761

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		6	6	6	6	6	6	6	6	6
Component Name	Mass Info									
1,3-diphosphateglycerate	265.0 / 79.0	1505531	1654369	1845093	2049962	1789093	1521445	1923513	1692921	1844909
2,3-Diphosphoglyceric acid	265.1 / 167.1	42717	232409	228781	72008	146314	80563	248182	238970	235256
S-ribosyl-L-homocysteine_neg	266.0 / 134.0	3266964	19045163	24716302	18052318	21091213	16966105	31110231	27859927	27985273
inosine	267.0 / 135.0	251334101	56160436	31073294	66019019	49209975	52802511	45481654	45144215	50371950
adenosine	268.2 / 136.1	369531098	349803753	275387493	328141114	367396612	331022336	392132245	410930794	423069340
6-phospho-D-gluconate	275.0 / 97.0	18073	23724	18406	25830	21644	29291	32340	47206	35947
1-Methyladenosine	281.8 / 150.0	1912692	2078420	415778	2026353	2629768	1668491	4016495	3582891	3480673
xanthosine	283.0 / 151.0	618181	8857771	11909564	11453169	9646952	12970434	15747433	12000199	18952382
D-sedoheptulose-1-7-phosphate	289.0 / 97.0	1732201	2029880	2114014	4746046	3971439	4606857	12818528	10515519	14891630
S-methyl-5-thioadenosine	298.0 / 136.0	1484120	195926	452512	23487398	1795649	7407497	685775	641866	861963
7-methylguanosine	298.0 / 166.0	1307022	1367499	451304	1404695	1375148	911095	1410710	1228256	1104248
N-acetyl-glucosamine-1-phosphate	300.0 / 79.0	751870	546881	970222	7486476	2122388	2100070	1298840	976550	890066
glutathione_neg	306.0 / 143.0	214903	414094	329239	675355	527038	621247	1301010	2297720	1419826
dCMP	308.0 / 112.0	12763	22740	8756	25191	16987	17133	39289	20597	16426
octulose-monophosphate (O8P-O1P)	319.0 / 97.0	600889	3008316	3205632	2002037	1781198	2156771	2112810	1865448	2690302
dTMP_neg	321.0 / 195.0	65048	21665	21313	24065	9920	6825	20379	7594	26113
CMP	324.0 / 112.0	178961	116054	135966	111880	122734	192432	321281	194497	370097
UMP	325.0 / 97.0	3404380	1704819	1246817	5535812	3641403	3038285	2575528	2190153	1802977
cyclic-AMP	328.0 / 134.1	15934	277052	5050	179728	76995	95045	46172	19836	6579
Nicotinamide ribotide	335.0 / 123.0	41400116	25199948	9295952	31426409	25765767	19455615	49921791	36165006	35608518
fructose-1,6-bisphosphate	339.0 / 97.0	6721	4231	5903	8349	7896	9245	13963	14258	15237
trehalose-sucrose	341.0 / 179.0	6187092	13526557	22750133	599683	597451	509084	8849836	8432848	9946426
AMP	348.2 / 136.0	4145	8209	9382	13509	9127	13482	16876	13703	19323
IMP	349.0 / 137.0	457357	390563	465721	333880	219641	206517	227342	165424	230901
S-adenosyl-L-methioninamine	355.0 / 250.0	413786	410144	467648	1754451	1681702	1230962	1209844	450174	1063255
GMP	364.0 / 152.0	68838967	78070855	62435950	43090771	70262151	66058523	47509427	63293933	52084309
xanthosine-5-phosphate	365.0 / 97.0	1743280	946209	1525490	1277853	1777646	1258026	1479121	1216888	1138591
orotidine-5-phosphate	367.0 / 323.0	3346844	272914	324975	60567	272918	76774	87753	92662	63214
Sedoheptulose 1,7-bisphosphate (SBP)	369.0 / 97.0	87262	70086	85718	30889	36124	24934	50555	80063	67506
riboflavin	377.0 / 243.0	123786	130144	167648	754451	681702	530962	909844	750174	1063255
trans, trans-farnesyl diphosphate	381.0 / 79.0	9459	3062	6589	8544	8908	3426	13621	5324	5493
S-adenosyl-L-homocysteine_neg	383.1 / 134.0	83422	7412	14326	79743	61399	55501	15397	33543	24147
S-adenosyl-L-homoCysteine_pos	385.1 / 136.0	25795	7936	4145	97171	98478	23509	17353	11999	25145
S-adenosyl-L-methionine	399.1 / 250.0	402244	591852	318575	38531971	14100942	16715266	775729	1346041	388634
CDP_neg	402.0 / 384.0	78961	116054	65966	37293	40911	64144	107094	64832	123366
UDP_neg	403.0 / 159.0	4259927	4173919	2994943	2197523	1704581	2066198	3127409	2114392	3645635
trehalose-6-Phosphate	421.0 / 79.0	369834	225405	299025	491568	387478	423322	274390	269078	323093
dGDP_neg	426.1 / 159.0	2299978	71096	99254	23045	32003	40485	65550	55107	59845
IDP_neg	427.0 / 159.0	356469	7734	8946	0	0	7438	10555	8384	4985
ADP_pos	428.1 / 136.0	2809410	2717785	3545371	2808490	3001247	4019202	3647910	3168523	1406444
CDP-ethanolamine	445.0 / 273.0	13382	8364	14238	9037	5040	6430	7126	9164	7820
dTTP_neg	481.0 / 383.0	20688	9312	8474	9848	12859	6068	4302	12149	15929
CTP_neg	482.0 / 384.0	462339	159407	130189	1617068	0	1181281	117612	441783	867023
UTP_neg	483.0 / 385.0	292358	177228	274175	225571	149212	122935	87317	68113	77055
CDP-choline	487.0 / 428.0	235951	133823	129385	107405	106361	109489	731108	920333	824678
ATP_pos	508.1 / 136.0	2445633	2928565	2656247	1469872	2174050	2614971	2723954	2117610	1988004
GTP_neg	522.0 / 424.0	161138	159032	154218	113383	111926	117171	82688	58447	83687
UDP-D-glucose	565.0 / 323.0	978228	118035	310557	83764	153919	82624	266540	406868	47729
guanosine 5-diphosphate,3-diphosphate	602.0 / 504.0	130307	48957	64272	65590	30756	56528	30218	13761	24785

Replicate		Cnt-1	Cnt-2	Cnt-3	H2O2-1	H2O2-2	H2O2-2	Lidocaine-1	Lidocaine-2	Lidocaine-3
Hour		6	6	6	6	6	6	6	6	6
Component Name	Mass Info									
glutathione disulfide_neg	611.0 / 306.0	4362750	1005487	1529488	1849959	1498601	1310196	1182915	950012	1122086
glutathione disulfide_pos	613.0 / 231.0	1148518	719662	260226	954152	980253	622796	771965	685859	658033
NAD+_pos	664.1 / 428.0	417867	411538	358322	465718	718345	445984	638521	549476	374995
NADH	666.1 / 514.0	5159313	8252571	4626068	4517571	3930876	5434885	5256340	5052520	3900716
NADP+_pos	744.2 / 136.0	3017867	3811538	3118322	2498629	3428734	4597839	1057215	1334903	1563742
NADPH	746.2 / 729.0	46786	71372	62608	82785	76811	53198	226953	225979	234842
FAD	786.0 / 348.0	1562479	1165771	1106364	4281080	4198639	3988467	4378675	4233484	7305707
acetyl-CoA_pos	810.0 / 303.0	73852	72193	69607	70013	72348	52401	66261	56341	51172