LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033736.D
Acq On : 10 Aug 2019 23:36
Operator : JC/SP
Sample : K4289-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.389	87	93	106	rVB	129182	133362	15.52%	2.129%
2	1.547	137	142	159	rVB2	30067	41700	4.85%	0.666%
3	1.669	173	180	195	rVB	100179	121629	14.16%	1.942%
4	2.257	353	363	376	rVB	212899	319344	37.17%	5.099%
5	2.463	423	427	432	rVB2	518	552	0.06%	0.009%
6	2.604	465	471	474	rBV2	411	437	0.05%	0.007%
7	2.646	480	484	488	rBV2	395	376	0.04%	0.006%
8	2.666	488	490	494	rVV	270	189	0.02%	0.003%
9	2.711	502	504	506	rVV	301	185	0.02%	0.003%
10	2.752	515	517	522	rVB2	351	274	0.03%	0.004%
11	2.907	562	565	570	rVB2	367	246	0.03%	0.004%
12	2.961	579	582	583	rBV	670	368	0.04%	0.006%
13	3.141	635	638	644	rVV2	227	201	0.02%	0.003%
14	3.341	694	700	701	rBV2	227	226	0.03%	0.004%
15	3.363	705	707	710	rVV2	243	166	0.02%	0.003%
16	3.408	711	721	732	rVV4	2498	4775	0.56%	0.076%
17	3.579	771	774	777	rBV2	221	208	0.02%	0.003%
18	3.682	801	806	808	rBV	272	238	0.03%	0.004%
19	3.720	808	818	823	rBV2	238	460	0.05%	0.007%
20	3.781	832	837	840	rBV	266	284	0.03%	0.005%
21	4.000	900	905	908	rBV2	211	217	0.03%	0.003%
22	4.148	940	951	991	rBV	54776	171847	20.00%	2.744%
23	4.286	992	994	1000	rVB4	415	322	0.04%	0.005%
24	4.338	1008	1010	1014	rVB2	385	243	0.03%	0.004%
25	4.383	1017	1024	1032	rVB3	547	915	0.11%	0.015%
26	4.434	1036	1040	1047	rBV3	522	692	0.08%	0.011%
27	4.501	1058	1061	1068	rVB3	246	175	0.02%	0.003%
28	4.620	1081	1098	1125	rBV	112794	264176	30.75%	4.218%
29	4.855	1168	1171	1174	rBV3	341	275	0.03%	0.004%
30	5.083	1235	1242	1246	rBV2	254	330	0.04%	0.005%
31	5.157	1261	1265	1276	rVB2	179	239	0.03%	0.004%
32	5.318	1292	1315	1337	rBV2	229947	665844	77.50%	10.631%
33	5.501	1368	1372	1375	rBV2	331	307	0.04%	0.005%
34	5.627	1408	1411	1413	rBV2	260	192	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033736.D
Acq On : 10 Aug 2019 23:36
Operator : JC/SP
Sample : K4289-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Title : VOC Analysis

35	5.746	1444	1448	1452	rBV3	308	305	0.04%	0.005%
36	5.781	1457	1459	1463	rVB3	304	194	0.02%	0.003%
37	5.865	1471	1485	1510	rBV	339835	674837	78.55%	10.774%
38	6.167	1569	1579	1592	rVB5	2408	5151	0.60%	0.082%
39	6.309	1610	1623	1641	rBV	148147	295025	34.34%	4.710%
40	6.762	1760	1764	1767	rBV2	202	185	0.02%	0.003%
41	6.845	1786	1790	1793	rBV2	243	181	0.02%	0.003%
42	7.045	1847	1852	1854	rBV	377	267	0.03%	0.004%
43	7.209	1890	1903	1925	rBV	71654	131499	15.31%	2.100%
44	7.546	1995	2008	2026	rBV	297472	518376	60.34%	8.276%
45	7.726	2062	2064	2067	rBV4	367	247	0.03%	0.004%
46	7.755	2071	2073	2077	rVB3	337	245	0.03%	0.004%
47	7.781	2077	2081	2085	rBV3	502	486	0.06%	0.008%
48	7.833	2085	2097	2121	rBV	48685	88934	10.35%	1.420%
49	7.926	2125	2126	2134	rVB2	398	333	0.04%	0.005%
50	8.067	2166	2170	2173	rBV2	259	184	0.02%	0.003%
51	8.093	2173	2178	2181	rVV	290	295	0.03%	0.005%
52	8.157	2192	2198	2204	rBV3	415	570	0.07%	0.009%
53	8.212	2209	2215	2222	rVB4	1956	2673	0.31%	0.043%
54	8.296	2229	2241	2269	rBV	176097	320649	37.32%	5.120%
55	8.460	2290	2292	2298	rVB4	436	274	0.03%	0.004%
56	8.659	2351	2354	2361	rBV2	313	328	0.04%	0.005%
57	8.765	2384	2387	2389	rBV2	336	209	0.02%	0.003%
58	8.910	2428	2432	2439	rBV2	303	429	0.05%	0.007%
59	8.993	2452	2458	2459	rBV3	206	178	0.02%	0.003%
60	9.070	2470	2482	2511	rBV	514215	859128	100.00%	13.717%
61	9.283	2545	2548	2554	rVB3	408	398	0.05%	0.006%
62	9.360	2567	2572	2574	rBV2	359	350	0.04%	0.006%
63	9.373	2574	2576	2579	rVB3	333	176	0.02%	0.003%
64	9.437	2594	2596	2600	rVB2	311	179	0.02%	0.003%
65	9.485	2603	2611	2612	rBV2	263	326	0.04%	0.005%
66	9.582	2637	2641	2642	rBV2	332	191	0.02%	0.003%
67	9.607	2647	2649	2654	rVB	217	179	0.02%	0.003%
68	9.681	2668	2672	2673	rBV	298	193	0.02%	0.003%
69	9.797	2705	2708	2713	rBV	204	171	0.02%	0.003%
70	10.122	2805	2809	2816	rVB	293	271	0.03%	0.004%
71	10.257	2848	2851	2854	rBV	307	183	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033736.D
Acq On : 10 Aug 2019 23:36
Operator : JC/SP
Sample : K4289-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B42

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Title : VOC Analysis

72	10.302	2862	2865	2870	rBV2	282	304	0.04%	0.005%
73	10.414	2887	2900	2919	rVV	205730	329973	38.41%	5.268%
74	10.508	2926	2929	2932	rVB2	302	175	0.02%	0.003%
75	10.588	2949	2954	2955	rBV2	711	495	0.06%	0.008%
76	10.633	2965	2968	2970	rBV2	365	240	0.03%	0.004%
77	10.713	2991	2993	2998	rBV2	219	177	0.02%	0.003%
78	10.858	3032	3038	3042	rVV3	213	266	0.03%	0.004%
79	10.926	3057	3059	3063	rVB2	360	251	0.03%	0.004%
80	10.951	3063	3067	3071	rVB2	317	234	0.03%	0.004%
81	10.974	3071	3074	3076	rBV2	309	214	0.02%	0.003%
82	11.006	3081	3084	3088	rVB2	318	198	0.02%	0.003%
83	11.138	3122	3125	3127	rBV3	326	184	0.02%	0.003%
84	11.225	3150	3152	3155	rBV	231	171	0.02%	0.003%
85	11.315	3174	3180	3187	rBV3	1245	1637	0.19%	0.026%
86	11.353	3190	3192	3195	rVB2	343	187	0.02%	0.003%
87	11.408	3206	3209	3214	rVB	374	289	0.03%	0.005%
88	11.466	3214	3227	3256	rBV	516038	825217	96.05%	13.175%
89	11.688	3294	3296	3298	rBV2	389	179	0.02%	0.003%
90	11.842	3332	3344	3365	rBV	281228	463230	53.92%	7.396%
91	12.202	3454	3456	3458	rBV2	283	177	0.02%	0.003%
92	12.225	3460	3463	3465	rVV3	274	187	0.02%	0.003%
93	12.356	3501	3504	3508	rVB2	283	238	0.03%	0.004%
94	12.469	3535	3539	3550	rVB3	1868	2672	0.31%	0.043%
95	12.610	3576	3583	3585	rBV3	333	394	0.05%	0.006%
96	12.752	3624	3627	3629	rBV2	324	219	0.03%	0.003%
97	12.990	3699	3701	3704	rBV	289	174	0.02%	0.003%
98	13.295	3793	3796	3800	rBV2	375	342	0.04%	0.005%
99	13.389	3823	3825	3828	rBV2	431	230	0.03%	0.004%
100	13.463	3845	3848	3850	rBV2	313	237	0.03%	0.004%

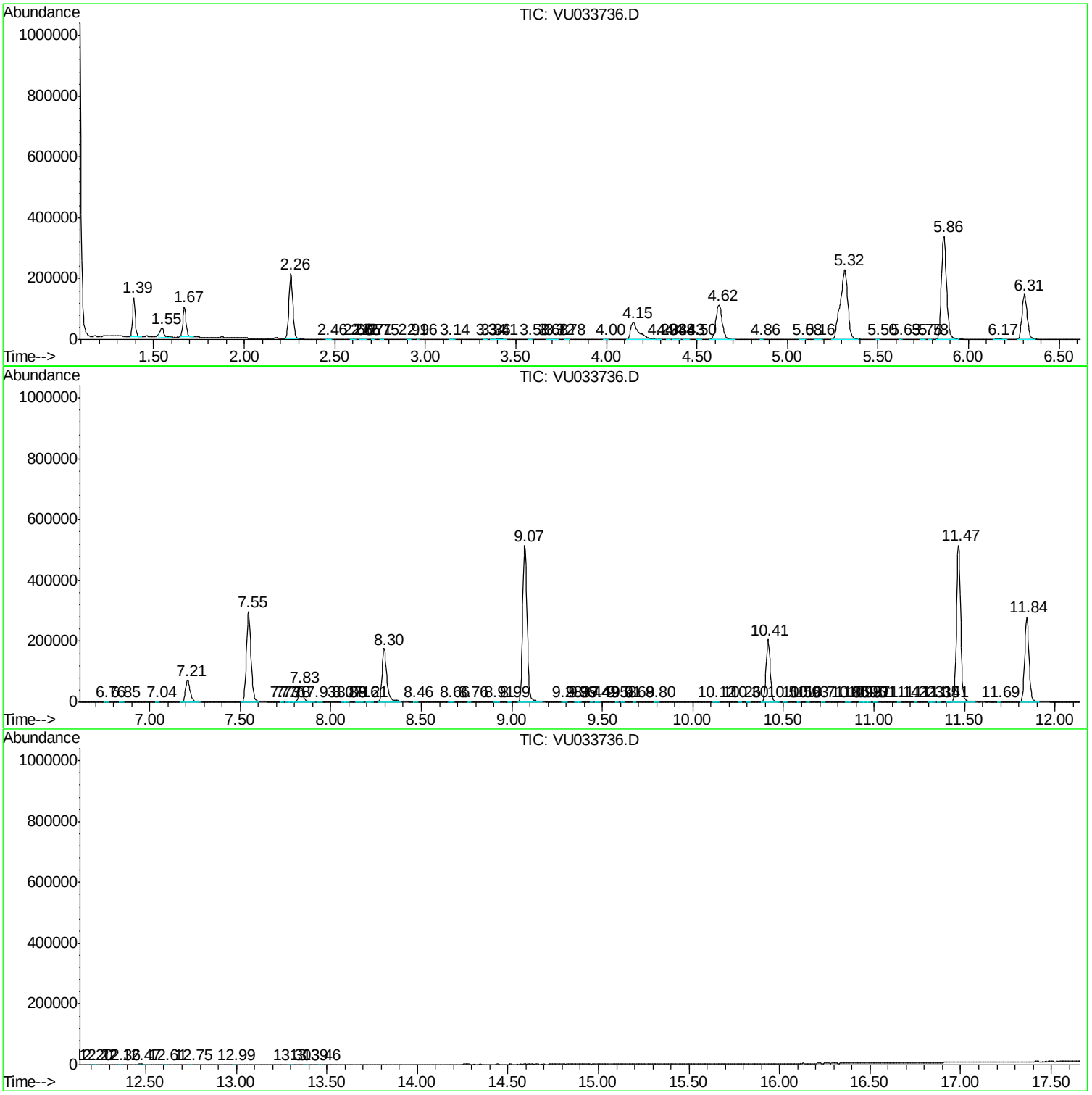
Sum of corrected areas: 6263284

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033736.D
Acq On : 10 Aug 2019 23:36
Operator : JC/SP
Sample : K4289-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033736.D
Acq On : 10 Aug 2019 23:36
Operator : JC/SP
Sample : K4289-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis

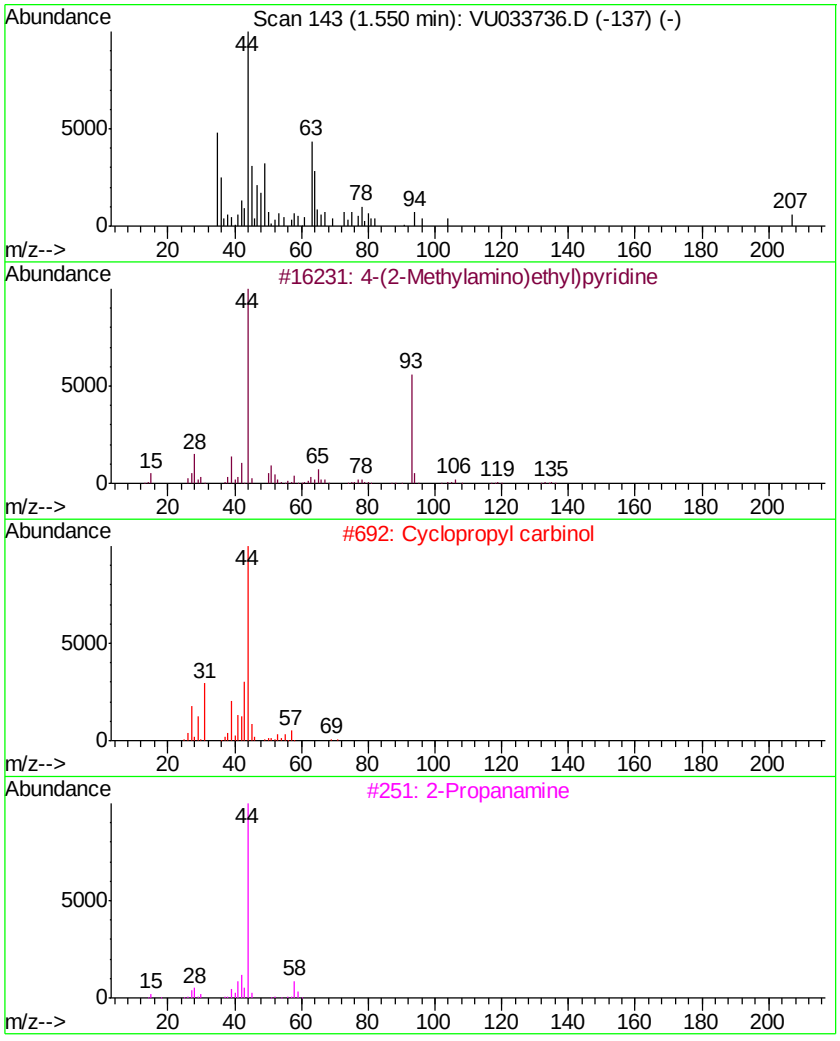
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

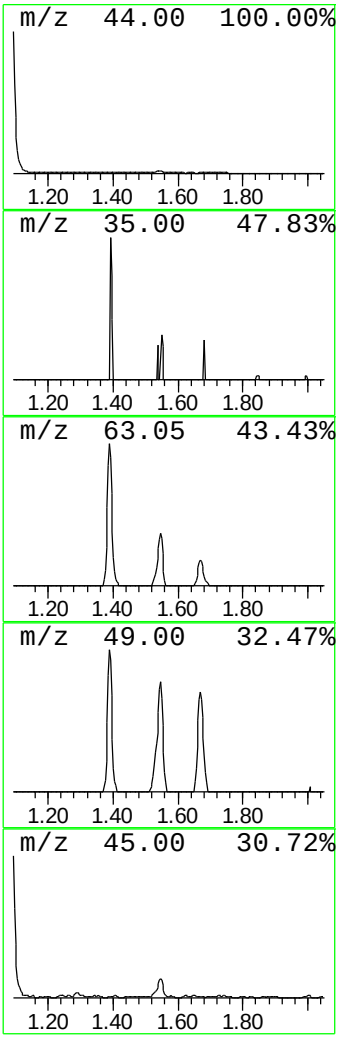
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	3.09 ug/L	41700	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Methylamino)ethyl)pyridine	136	C8H12N2	055496-55-4	10
2	Cyclopropyl carbinol	72	C4H8O	002516-33-8	10
3	2-Propanamine	59	C3H9N	000075-31-0	9
4	Ethanol, 2-(methylamino)-	75	C3H9NO	000109-83-1	9
5	Ethyl hydrogen oxalate	118	C4H6O4	000617-37-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
Data File : VU033736.D
Acq On : 10 Aug 2019 23:36
Operator : JC/SP
Sample : K4289-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.55	3.1	ug/L	41700	1	5.86	674837	50.0