LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
Data File : VU032008.D
Acq On : 14 May 2019 20:35
Operator : JC/SP
Sample : K2738-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895

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\SOMULM051419WMA.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	1.183	25	29	38	rVB3	18012	17853	0.11%	0.023%
2	1.402	88	97	112	rBV2	4696349	4925870	29.51%	6.450%
3	1.672	174	181	201	rVB	464367	608543	3.65%	0.797%
4	2.273	355	368	382	rBV2	1342062	2412618	14.46%	3.159%
5	2.444	413	421	438	rBV2	18270	34705	0.21%	0.045%
6	2.617	473	475	478	rBV3	1065	767	0.00%	0.001%
7	2.839	532	544	551	rVV6	4822	8402	0.05%	0.011%
8	2.977	569	587	634	rBV	7973386	14643389	87.74%	19.174%
9	3.743	822	825	829	rBV4	992	627	0.00%	0.001%
10	3.807	842	845	847	rBV3	830	554	0.00%	0.001%
11	4.218	946	973	1027	rBV	6465093	16689953	100.00%	21.854%
12	4.643	1090	1105	1128	rBV2	684782	1610363	9.65%	2.109%
13	5.038	1226	1228	1232	rBV2	675	567	0.00%	0.001%
14	5.087	1240	1243	1246	rVV4	1197	801	0.00%	0.001%
15	5.109	1247	1250	1253	rVV2	1180	826	0.00%	0.001%
16	5.128	1254	1256	1259	rVB3	1251	747	0.00%	0.001%
17	5.334	1296	1320	1346	rBV2	1461833	4333281	25.96%	5.674%
18	5.804	1463	1466	1473	rVB7	2045	2059	0.01%	0.003%
19	5.881	1473	1490	1542	rBV	1275939	2666972	15.98%	3.492%
20	6.180	1569	1583	1615	rBV	4203119	8252980	49.45%	10.807%
21	6.324	1617	1628	1655	rVB	965879	1952766	11.70%	2.557%
22	6.697	1741	1744	1747	rVB3	1369	957	0.01%	0.001%
23	6.720	1748	1751	1753	rVV2	1131	658	0.00%	0.001%
24	6.771	1761	1767	1771	rBV4	805	928	0.01%	0.001%
25	6.868	1791	1797	1800	rVV6	946	1005	0.01%	0.001%
26	6.903	1800	1808	1809	rVV7	1392	1876	0.01%	0.002%
27	6.932	1813	1817	1822	rVB5	1628	1571	0.01%	0.002%
28	6.964	1822	1827	1830	rBV5	781	725	0.00%	0.001%
29	7.070	1853	1860	1862	rBV5	1370	1336	0.01%	0.002%
30	7.164	1887	1889	1894	rVB3	962	639	0.00%	0.001%
31	7.222	1894	1907	1937	rBV	501190	936074	5.61%	1.226%
32	7.392	1958	1960	1966	rVB4	1610	1333	0.01%	0.002%
33	7.437	1972	1974	1978	rVB3	1492	734	0.00%	0.001%
34	7.559	1999	2012	2062	rBV	1825114	3449594	20.67%	4.517%

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Sample : K2738-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895

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\SOMULM051419WMA.M
Title : VOC Analysis

35	7.845	2090	2101	2125	rBV	338209	607244	3.64%	0.795%
36	8.115	2183	2185	2189	rVB6	1009	605	0.00%	0.001%
37	8.154	2189	2197	2199	rBV6	1893	2074	0.01%	0.003%
38	8.225	2207	2219	2234	rBV	201631	359069	2.15%	0.470%
39	8.305	2234	2244	2288	rVV	1093076	2047386	12.27%	2.681%
40	8.636	2344	2347	2349	rBV3	1440	1111	0.01%	0.001%
41	8.733	2373	2377	2378	rBV3	1331	927	0.01%	0.001%
42	8.746	2379	2381	2389	rVB8	2657	2167	0.01%	0.003%
43	8.832	2406	2408	2411	rVB3	1287	697	0.00%	0.001%
44	9.003	2458	2461	2463	rBV4	1325	734	0.00%	0.001%
45	9.035	2468	2471	2474	rVV4	1904	1528	0.01%	0.002%
46	9.086	2474	2487	2538	rVV	1832257	3274349	19.62%	4.288%
47	9.434	2590	2595	2597	rBV3	1456	1407	0.01%	0.002%
48	9.450	2598	2600	2602	rVB2	1156	570	0.00%	0.001%
49	9.501	2614	2616	2619	rVB4	1237	627	0.00%	0.001%
50	9.556	2629	2633	2636	rBV2	1896	1292	0.01%	0.002%
51	9.572	2636	2638	2642	rVB2	1713	1005	0.01%	0.001%
52	9.598	2642	2646	2648	rBV3	1104	941	0.01%	0.001%
53	9.630	2653	2656	2658	rBV3	1442	867	0.01%	0.001%
54	9.826	2714	2717	2721	rVB4	1724	1331	0.01%	0.002%
55	9.906	2736	2742	2743	rBV3	1099	795	0.00%	0.001%
56	9.935	2749	2751	2753	rBV3	1017	598	0.00%	0.001%
57	10.041	2779	2784	2789	rBV4	1525	1842	0.01%	0.002%
58	10.070	2789	2793	2796	rVB3	961	829	0.00%	0.001%
59	10.144	2811	2816	2818	rBV3	1281	1409	0.01%	0.002%
60	10.202	2831	2834	2839	rVB4	926	811	0.00%	0.001%
61	10.231	2840	2843	2846	rVV2	1095	719	0.00%	0.001%
62	10.257	2849	2851	2854	rVB2	1416	733	0.00%	0.001%
63	10.334	2872	2875	2878	rVB2	1147	853	0.01%	0.001%
64	10.357	2878	2882	2885	rBV2	1189	913	0.01%	0.001%
65	10.427	2890	2904	2933	rBV	1290827	2112181	12.66%	2.766%
66	10.598	2949	2957	2960	rVV6	4217	5275	0.03%	0.007%
67	10.643	2968	2971	2974	rVB2	1533	986	0.01%	0.001%
68	10.697	2986	2988	2994	rVV6	816	794	0.00%	0.001%
69	10.913	3049	3055	3059	rVB5	1247	1647	0.01%	0.002%
70	10.951	3062	3067	3069	rBV	728	712	0.00%	0.001%
71	11.045	3090	3096	3098	rBV2	1519	1347	0.01%	0.002%

LSC Area Percent Report

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Sample : K2738-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895

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\SOMULM051419WMA.M
Title : VOC Analysis

72	11.077	3103	3106	3111	rVV6	2084	1946	0.01%	0.003%
73	11.176	3134	3137	3140	rBV4	975	784	0.00%	0.001%
74	11.299	3172	3175	3177	rVV2	1062	555	0.00%	0.001%
75	11.392	3201	3204	3207	rVV4	875	731	0.00%	0.001%
76	11.479	3219	3231	3256	rBV	1572695	2595275	15.55%	3.398%
77	11.855	3335	3348	3374	rBV	1646436	2742758	16.43%	3.591%
78	12.212	3456	3459	3461	rBV4	1300	870	0.01%	0.001%
79	12.241	3466	3468	3471	rBV4	1754	1039	0.01%	0.001%
80	12.318	3490	3492	3495	rBV4	1204	722	0.00%	0.001%
81	12.424	3522	3525	3528	rBV4	1758	1353	0.01%	0.002%
82	12.540	3557	3561	3564	rBV5	1648	1767	0.01%	0.002%
83	12.720	3614	3617	3621	rVB3	2003	1455	0.01%	0.002%
84	12.742	3621	3624	3628	rBV4	1461	1289	0.01%	0.002%
85	13.041	3714	3717	3723	rBV3	1349	1155	0.01%	0.002%
86	13.080	3724	3729	3731	rBV3	859	880	0.01%	0.001%
87	13.093	3731	3733	3736	rBV3	1447	855	0.01%	0.001%
88	13.128	3741	3744	3750	rVB6	3778	3543	0.02%	0.005%
89	13.157	3750	3753	3756	rBV4	1289	1026	0.01%	0.001%
90	13.250	3778	3782	3787	rVV4	1549	1361	0.01%	0.002%
91	13.488	3852	3856	3859	rBV3	1481	1352	0.01%	0.002%
92	13.713	3923	3926	3928	rBV2	1443	988	0.01%	0.001%
93	13.742	3933	3935	3938	rBV4	1104	603	0.00%	0.001%
94	13.765	3938	3942	3943	rBV	1257	839	0.01%	0.001%
95	14.009	4014	4018	4019	rBV2	1645	1251	0.01%	0.002%
96	14.086	4040	4042	4045	rVB3	1490	644	0.00%	0.001%
97	14.118	4049	4052	4054	rBV2	1544	782	0.00%	0.001%
98	14.305	4107	4110	4114	rVB2	1744	1086	0.01%	0.001%
99	14.327	4114	4117	4121	rBV3	1221	1221	0.01%	0.002%
100	14.363	4125	4128	4130	rBV2	1508	1040	0.01%	0.001%

Sum of corrected areas: 76369618

LSC Report - Integrated Chromatogram

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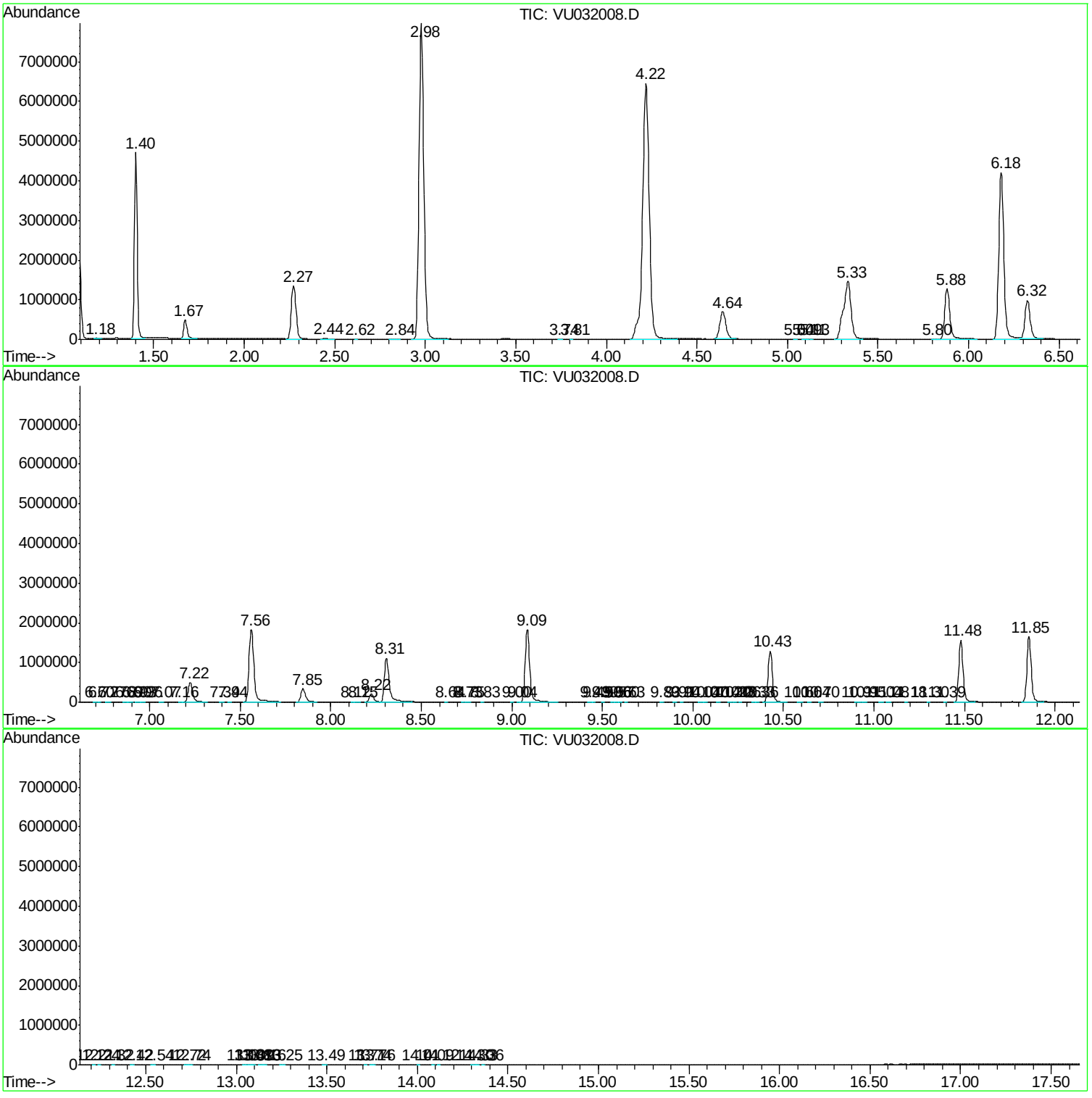
Sample : K2738-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.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\VU051419\
Data File : VU032008.D
Acq On : 14 May 2019 20:35
Operator : JC/SP
Sample : K2738-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB895

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

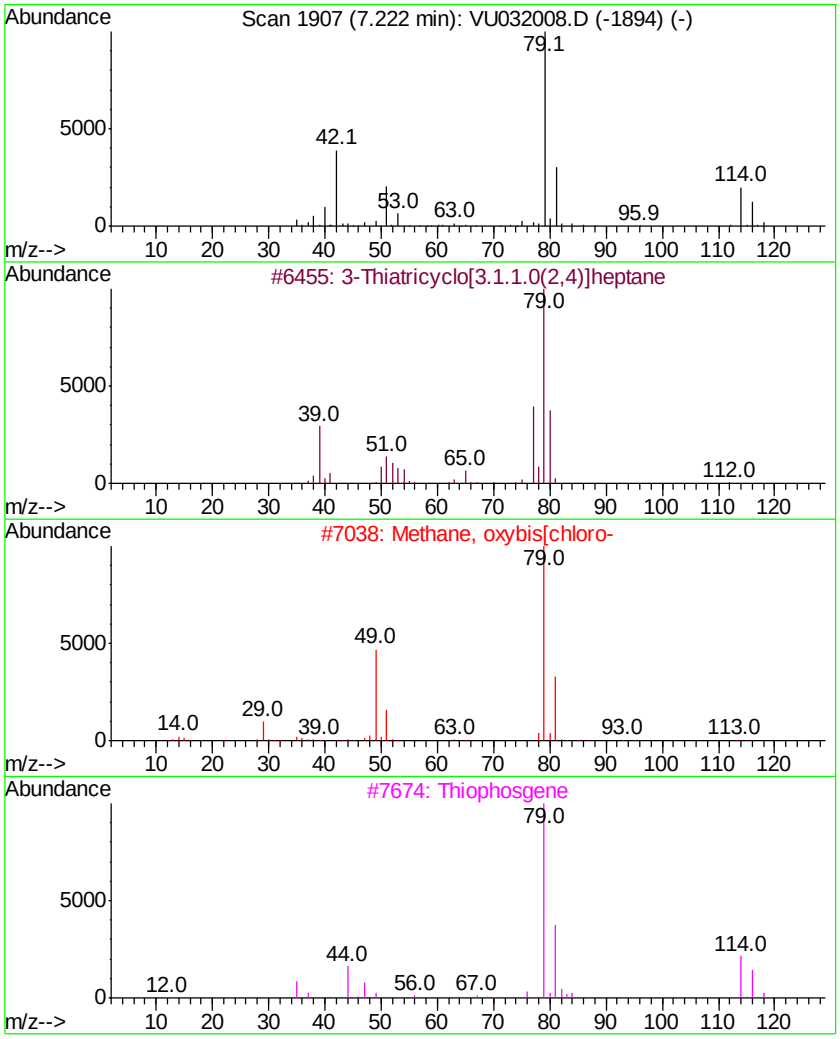
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

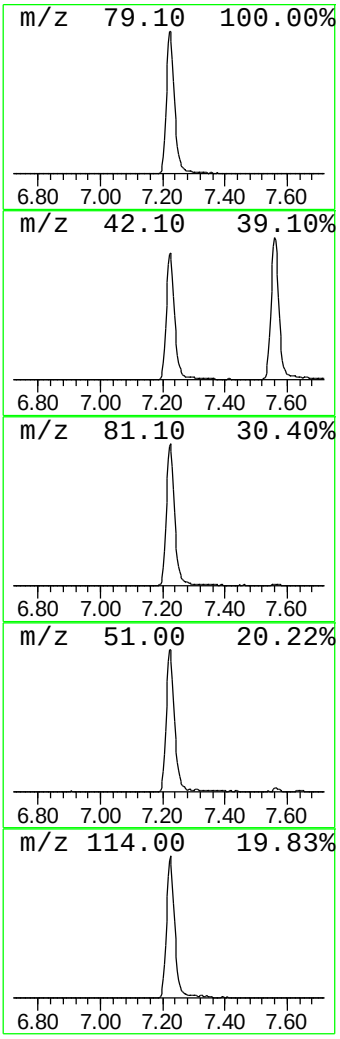
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	17.55 ug/L	936074	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	37
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	28
3	Thiophosgene	114	CCl2S	000463-71-8	16
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.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	7.22	17.6	ug/L	936074	1	5.88	2666970	50.0