LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

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_W\METHOD\SOM2WLM122618S.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	2.160	37	42	51	rVB4	2651	5673	2.23%	0.310%
2	2.361	68	75	88	rVV	13230	29924	11.79%	1.633%
3	2.452	88	90	95	rVV2	234	249	0.10%	0.014%
4	2.532	100	103	104	rVB2	146	120	0.05%	0.007%
5	2.702	129	131	133	rBV2	182	146	0.06%	0.008%
6	2.897	154	163	174	rBV2	8422	23014	9.06%	1.256%
7	3.007	179	181	183	rVB2	175	162	0.06%	0.009%
8	3.032	183	185	188	rVB2	279	217	0.09%	0.012%
9	3.080	188	193	195	rVB	179	252	0.10%	0.014%
10	3.105	195	197	198	rBV	171	127	0.05%	0.007%
11	3.117	198	199	202	rBV2	192	158	0.06%	0.009%
12	3.507	259	263	264	rBV	96	114	0.04%	0.006%
13	3.641	282	285	288	rBV	97	134	0.05%	0.007%
14	3.781	306	308	311	rVB	151	159	0.06%	0.009%
15	3.855	311	320	325	rBB2	347	794	0.31%	0.043%
16	3.903	325	328	331	rBB	83	127	0.05%	0.007%
17	4.007	334	345	364	rBV	29954	97983	38.59%	5.347%
18	4.196	370	376	377	rBV3	856	1224	0.48%	0.067%
19	4.391	404	408	411	rBV	219	412	0.16%	0.022%
20	4.909	486	493	499	rBV3	1287	3742	1.47%	0.204%
21	5.129	522	529	535	rBB3	368	987	0.39%	0.054%
22	5.933	655	661	662	rBV2	731	1238	0.49%	0.068%
23	7.080	840	849	854	rBV	7916	21100	8.31%	1.151%
24	7.141	855	859	870	rVV2	7217	19125	7.53%	1.044%
25	7.647	930	942	954	rBB	46400	108491	42.73%	5.920%
26	8.275	1035	1045	1062	rBB2	85249	253893	100.00%	13.854%
27	8.841	1130	1138	1150	rBB	85654	170410	67.12%	9.299%
28	9.274	1201	1209	1218	rBB	54957	111350	43.86%	6.076%
29	9.896	1308	1311	1314	rBB	239	296	0.12%	0.016%
30	10.036	1327	1334	1341	rBB	32024	55102	21.70%	3.007%
31	10.219	1360	1364	1366	rBV	322	403	0.16%	0.022%
32	10.256	1366	1370	1372	rVB	103	143	0.06%	0.008%
33	10.323	1373	1381	1389	rBV	118074	207723	81.82%	11.335%
34	10.384	1389	1391	1392	rBV	289	235	0.09%	0.013%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

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_W\METHOD\SOM2WLM122618S.M
Title : VOC Analysis

35	10.469	1403	1405	1407	rBV	118	120	0.05%	0.007%
36	10.579	1416	1423	1430	rBV	21501	36449	14.36%	1.989%
37	10.707	1439	1444	1450	rBV3	2054	3513	1.38%	0.192%
38	10.811	1452	1461	1462	rBV	1087	1719	0.68%	0.094%
39	10.926	1474	1480	1492	rVB	34462	58283	22.96%	3.180%
40	11.067	1498	1503	1509	rVB2	4573	7242	2.85%	0.395%
41	11.176	1518	1521	1522	rBV2	105	127	0.05%	0.007%
42	11.195	1522	1524	1527	rVB2	304	264	0.10%	0.014%
43	11.256	1531	1534	1535	rBV	301	312	0.12%	0.017%
44	11.439	1561	1564	1569	rVB3	1211	2027	0.80%	0.111%
45	11.500	1571	1574	1575	rBV	271	282	0.11%	0.015%
46	11.542	1577	1581	1582	rBV2	338	409	0.16%	0.022%
47	11.634	1589	1596	1609	rVB	110084	186090	73.29%	10.154%
48	11.835	1624	1629	1635	rVB3	526	996	0.39%	0.054%
49	11.914	1640	1642	1643	rVV	169	148	0.06%	0.008%
50	11.957	1645	1649	1650	rVV	173	222	0.09%	0.012%
51	11.969	1650	1651	1655	rVV	170	169	0.07%	0.009%
52	12.024	1658	1660	1662	rVB	207	146	0.06%	0.008%
53	12.170	1681	1684	1687	rBB	246	252	0.10%	0.014%
54	12.475	1730	1734	1738	rBB2	1149	1464	0.58%	0.080%
55	12.615	1751	1757	1762	rBB	5926	9261	3.65%	0.505%
56	12.694	1764	1770	1777	rBB	46548	75407	29.70%	4.115%
57	12.810	1786	1789	1791	rBV	280	393	0.15%	0.021%
58	12.847	1791	1795	1804	rVB4	758	1613	0.64%	0.088%
59	12.938	1806	1810	1815	rVB2	1191	1631	0.64%	0.089%
60	13.030	1818	1825	1831	rBB2	5256	7853	3.09%	0.429%
61	13.261	1858	1863	1866	rBV2	445	695	0.27%	0.038%
62	13.298	1866	1869	1874	rVB	1007	1379	0.54%	0.075%
63	13.414	1884	1888	1890	rBB	204	240	0.09%	0.013%
64	13.475	1894	1898	1902	rBV2	898	1202	0.47%	0.066%
65	13.511	1902	1904	1906	rVV	356	275	0.11%	0.015%
66	13.560	1906	1912	1919	rVV	98305	156896	61.80%	8.561%
67	13.615	1919	1921	1925	rVV2	289	504	0.20%	0.028%
68	13.652	1925	1927	1931	rVB	503	469	0.18%	0.026%
69	13.767	1942	1946	1950	rBV	363	482	0.19%	0.026%
70	13.859	1954	1961	1968	rBV	86327	142122	55.98%	7.755%
71	13.908	1968	1969	1973	rVV	418	425	0.17%	0.023%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

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_W\METHOD\SOM2WLM122618S.M
Title : VOC Analysis

72	13.956	1973	1977	1979	rVB2	235	317	0.12%	0.017%
73	14.078	1989	1997	2003	rBB2	3638	5943	2.34%	0.324%
74	14.206	2015	2018	2021	rBB	277	272	0.11%	0.015%
75	14.310	2033	2035	2037	rBB	201	195	0.08%	0.011%
76	14.334	2037	2039	2042	rBV2	733	645	0.25%	0.035%
77	14.377	2042	2046	2050	rVB	283	368	0.14%	0.020%
78	14.536	2069	2072	2075	rVB	298	331	0.13%	0.018%
79	14.572	2075	2078	2081	rBB	125	155	0.06%	0.008%
80	14.658	2089	2092	2095	rBB	143	145	0.06%	0.008%
81	14.731	2101	2104	2108	rBB	476	553	0.22%	0.030%
82	15.182	2175	2178	2181	rBB	118	132	0.05%	0.007%
83	15.225	2182	2185	2187	rBV	107	137	0.05%	0.007%
84	15.273	2190	2193	2194	rBV	247	186	0.07%	0.010%
85	15.377	2205	2210	2213	rVB	293	420	0.17%	0.023%
86	15.444	2215	2221	2226	rVV3	2105	3607	1.42%	0.197%
87	15.505	2229	2231	2235	rVB2	387	534	0.21%	0.029%
88	15.542	2235	2237	2240	rBV	215	200	0.08%	0.011%
89	15.639	2251	2253	2255	rBV	165	140	0.06%	0.008%
90	15.938	2298	2302	2305	rBV2	167	187	0.07%	0.010%
91	16.090	2324	2327	2328	rBV	96	128	0.05%	0.007%
92	16.267	2355	2356	2359	rVB2	157	159	0.06%	0.009%
93	16.291	2359	2360	2363	rBV2	186	151	0.06%	0.008%
94	16.377	2371	2374	2377	rBB	147	193	0.08%	0.011%
95	16.413	2377	2380	2382	rBV	154	168	0.07%	0.009%
96	16.456	2382	2387	2389	rBV2	134	188	0.07%	0.010%
97	16.560	2398	2404	2407	rBV	190	367	0.14%	0.020%
98	16.700	2425	2427	2430	rVB	142	170	0.07%	0.009%
99	16.736	2430	2433	2434	rBV	135	136	0.05%	0.007%
100	16.761	2434	2437	2438	rBV	167	180	0.07%	0.010%

Sum of corrected areas: 1832615

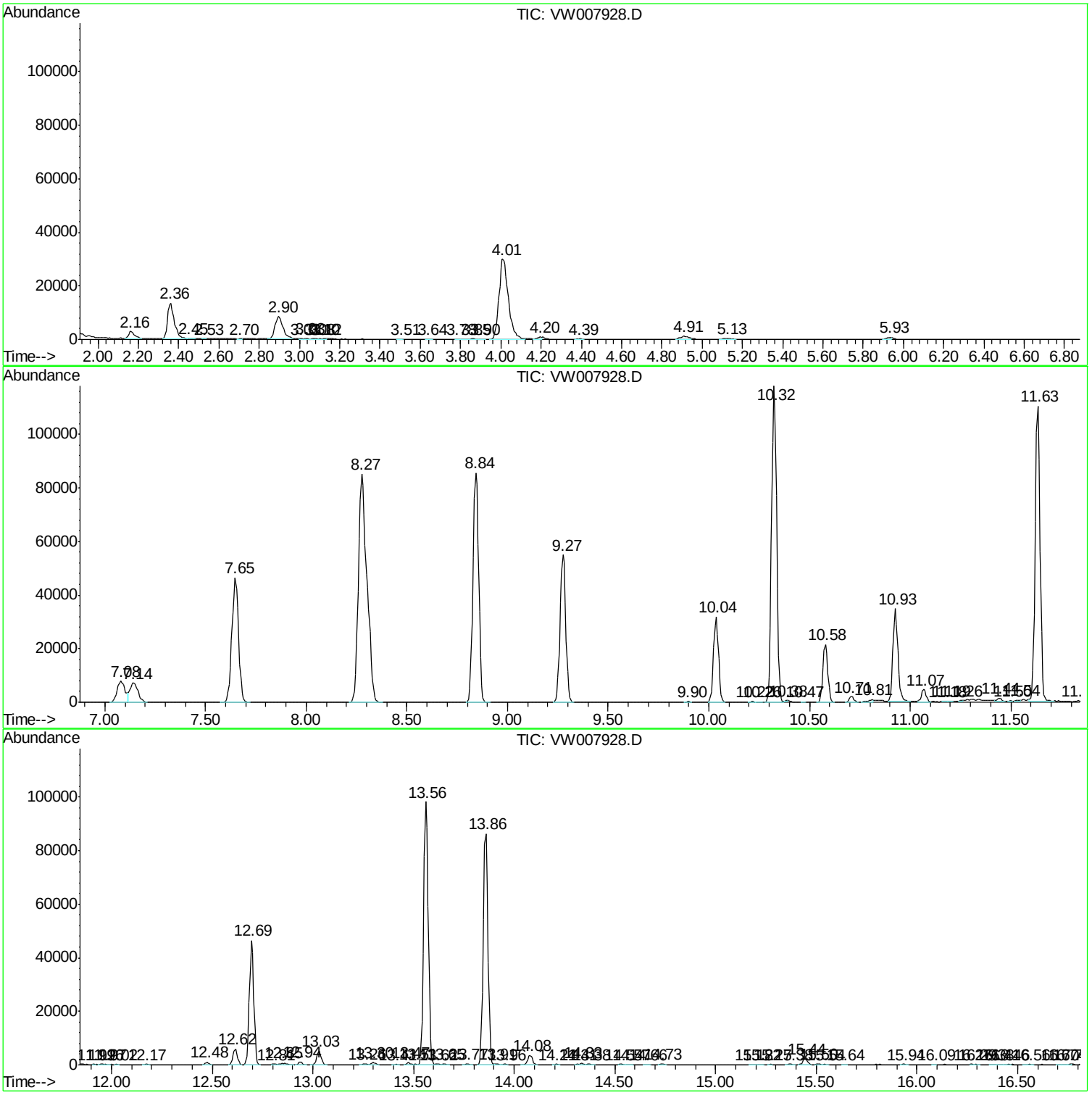
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

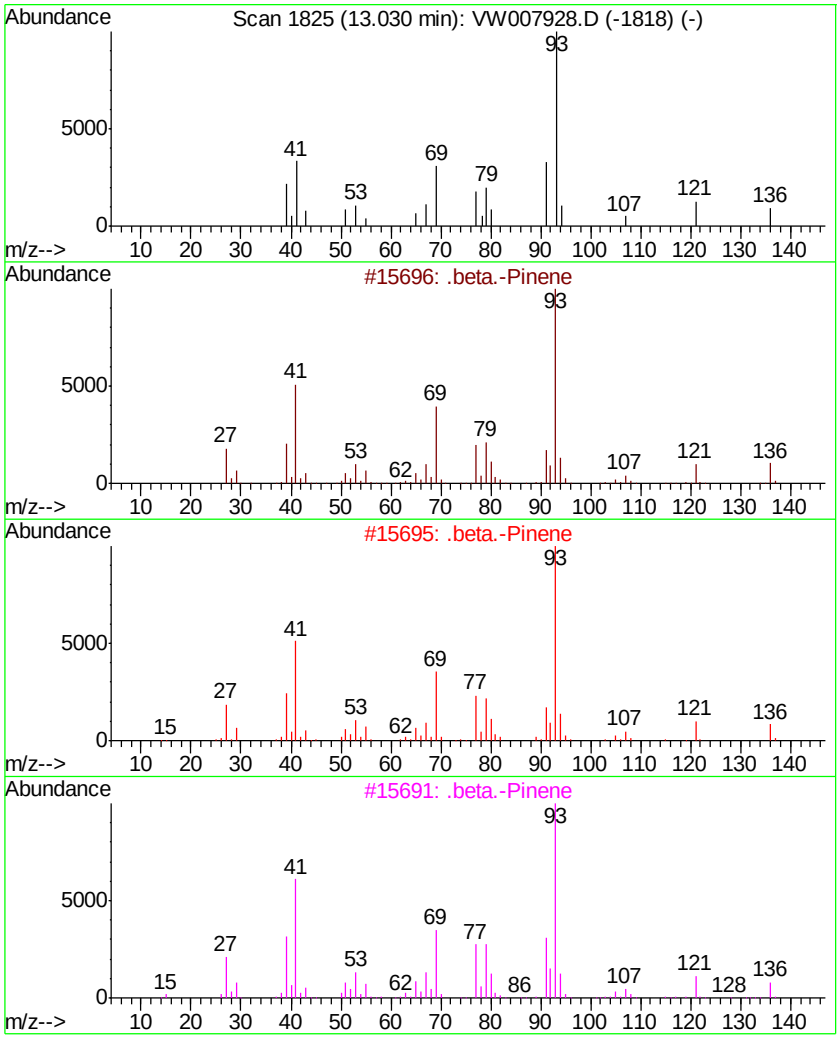
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

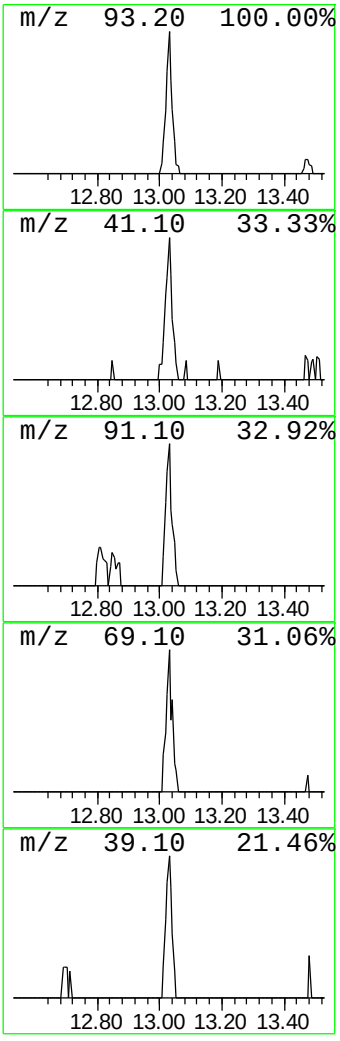
****

Peak Number 4 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	1.25 ug/L	7853	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.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
.beta.-Pinene	13.03	1.3	ug/L	7853	3	13.56	156896	25.0