LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
Data File : VW013605.D
Acq On : 16 Oct 2019 17:45
Operator : SY/VA
Sample : K5395-02
Misc : 3.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0029

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\SOM2WLM101019S.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	2.349	67	73	84	rVB	91211	165403	10.75%	2.020%
2	2.885	153	161	174	rBV	61698	153073	9.94%	1.869%
3	3.208	212	214	215	rVB2	543	330	0.02%	0.004%
4	3.245	215	220	221	rBV3	719	1162	0.08%	0.014%
5	3.257	221	222	223	rBV	711	361	0.02%	0.004%
6	3.385	238	243	250	rVB4	3916	8849	0.57%	0.108%
7	3.501	259	262	263	rBV2	423	263	0.02%	0.003%
8	3.544	267	269	270	rBV2	287	182	0.01%	0.002%
9	3.672	288	290	291	rBV	516	356	0.02%	0.004%
10	3.733	298	300	302	rVB2	408	367	0.02%	0.004%
11	3.818	309	314	315	rBV	350	450	0.03%	0.005%
12	3.855	315	320	321	rBV	1842	2585	0.17%	0.032%
13	4.013	333	346	360	rBV	165366	488703	31.75%	5.968%
14	4.422	399	413	418	rBV4	2982	10306	0.67%	0.126%
15	4.604	441	443	444	rBV	345	239	0.02%	0.003%
16	4.690	455	457	460	rVB2	541	438	0.03%	0.005%
17	4.915	481	494	502	rBV3	8853	31211	2.03%	0.381%
18	5.049	515	516	517	rVB	462	169	0.01%	0.002%
19	5.074	517	520	521	rBV2	511	470	0.03%	0.006%
20	5.117	521	527	529	rBV4	1022	1583	0.10%	0.019%
21	5.385	567	571	572	rBV2	556	789	0.05%	0.010%
22	5.507	589	591	593	rBV3	392	402	0.03%	0.005%
23	5.683	618	620	622	rBV2	208	178	0.01%	0.002%
24	5.708	622	624	625	rBV	321	320	0.02%	0.004%
25	5.738	625	629	632	rBV3	1172	2058	0.13%	0.025%
26	5.933	650	661	671	rVV6	4267	12807	0.83%	0.156%
27	6.025	674	676	677	rBV	295	229	0.01%	0.003%
28	6.208	705	706	708	rVB	648	305	0.02%	0.004%
29	6.238	709	711	712	rVV	398	286	0.02%	0.003%
30	6.293	713	720	725	rVB5	1467	4215	0.27%	0.051%
31	6.385	733	735	737	rVB	268	156	0.01%	0.002%
32	6.415	737	740	741	rBV	256	181	0.01%	0.002%
33	6.464	747	748	751	rBV2	225	155	0.01%	0.002%
34	6.513	753	756	758	rVB2	533	447	0.03%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
Data File : VW013605.D
Acq On : 16 Oct 2019 17:45
Operator : SY/VA
Sample : K5395-02
Misc : 3.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0029

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\SOM2WLM101019S.M
Title : VOC Analysis

35	6.555	758	763	765	rBV2	399	522	0.03%	0.006%
36	6.628	773	775	776	rBV	433	262	0.02%	0.003%
37	6.720	788	790	792	rBV2	425	302	0.02%	0.004%
38	6.738	792	793	795	rVV	274	168	0.01%	0.002%
39	6.775	797	799	800	rVB2	306	148	0.01%	0.002%
40	6.848	810	811	813	rBV	256	178	0.01%	0.002%
41	6.884	816	817	819	rBV	290	254	0.02%	0.003%
42	6.909	819	821	823	rBV2	551	569	0.04%	0.007%
43	6.994	833	835	836	rBV	470	255	0.02%	0.003%
44	7.080	840	849	852	rBV	27218	67064	4.36%	0.819%
45	7.305	885	886	890	rVB3	603	304	0.02%	0.004%
46	7.531	921	923	927	rVB3	637	673	0.04%	0.008%
47	7.647	930	942	958	rBV	214754	536420	34.85%	6.551%
48	7.872	978	979	981	rVB2	726	399	0.03%	0.005%
49	8.025	1002	1004	1006	rBV2	364	285	0.02%	0.003%
50	8.134	1020	1022	1026	rVB2	310	304	0.02%	0.004%
51	8.274	1030	1045	1061	rBV3	510674	1539245	100.00%	18.798%
52	8.841	1129	1138	1150	rBV	398606	796409	51.74%	9.726%
53	9.189	1193	1195	1196	rBV2	526	442	0.03%	0.005%
54	9.274	1200	1209	1220	rVV	292854	595313	38.68%	7.270%
55	9.762	1282	1289	1293	rBV5	4639	9937	0.65%	0.121%
56	10.036	1328	1334	1344	rVB	104589	192973	12.54%	2.357%
57	10.134	1346	1350	1355	rVB5	3450	5655	0.37%	0.069%
58	10.207	1358	1362	1363	rBV2	2627	2721	0.18%	0.033%
59	10.323	1373	1381	1389	rBV	592190	1029188	66.86%	12.569%
60	10.579	1416	1423	1431	rBV	69278	123090	8.00%	1.503%
61	10.701	1437	1443	1451	rBV	75997	135490	8.80%	1.655%
62	10.926	1474	1480	1492	rBV4	101142	222266	14.44%	2.714%
63	11.061	1497	1502	1515	rBV	47765	85027	5.52%	1.038%
64	11.439	1559	1564	1571	rVB2	44080	76760	4.99%	0.937%
65	11.628	1588	1595	1609	rVB	403710	686069	44.57%	8.378%
66	11.841	1626	1630	1633	rBV5	1246	1537	0.10%	0.019%
67	12.140	1678	1679	1681	rBV2	593	542	0.04%	0.007%
68	12.158	1681	1682	1684	rBV2	679	692	0.04%	0.008%
69	12.213	1689	1691	1692	rVV	358	169	0.01%	0.002%
70	12.231	1692	1694	1698	rVV	495	541	0.04%	0.007%
71	12.286	1701	1703	1705	rBV	300	301	0.02%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
Data File : VW013605.D
Acq On : 16 Oct 2019 17:45
Operator : SY/VA
Sample : K5395-02
Misc : 3.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0029

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\SOM2WLM101019S.M
Title : VOC Analysis

72	12.335	1709	1711	1712	rVV2	327	211	0.01%	0.003%
73	12.371	1714	1717	1723	rVB4	1626	2244	0.15%	0.027%
74	12.432	1725	1727	1728	rBV2	445	389	0.03%	0.005%
75	12.469	1728	1733	1738	rVV2	5220	8759	0.57%	0.107%
76	12.524	1741	1742	1748	rVB2	339	408	0.03%	0.005%
77	12.609	1748	1756	1763	rBV	84486	143143	9.30%	1.748%
78	12.688	1763	1769	1777	rVV	144840	248373	16.14%	3.033%
79	12.755	1778	1780	1787	rVB4	1340	1938	0.13%	0.024%
80	12.853	1794	1796	1798	rBV2	611	475	0.03%	0.006%
81	12.932	1804	1809	1819	rBV3	11036	19500	1.27%	0.238%
82	13.042	1820	1827	1829	rVV4	3863	6506	0.42%	0.079%
83	13.079	1829	1833	1837	rVB3	3922	5869	0.38%	0.072%
84	13.170	1843	1848	1849	rBV3	1158	1827	0.12%	0.022%
85	13.194	1849	1852	1858	rVB6	3467	7084	0.46%	0.087%
86	13.292	1864	1868	1876	rVB2	9212	16144	1.05%	0.197%
87	13.347	1876	1877	1878	rBV	241	151	0.01%	0.002%
88	13.408	1878	1887	1893	rBV4	5885	11776	0.77%	0.144%
89	13.560	1906	1912	1917	rBV	183647	304187	19.76%	3.715%
90	13.761	1940	1945	1948	rBV2	6506	10722	0.70%	0.131%
91	13.853	1954	1960	1966	rBV	181804	299194	19.44%	3.654%
92	14.066	1992	1995	2002	rVB3	26344	42646	2.77%	0.521%
93	14.194	2012	2016	2022	rBV7	5109	10645	0.69%	0.130%
94	14.493	2061	2065	2066	rBV2	1720	1749	0.11%	0.021%
95	14.688	2095	2097	2099	rBV3	785	593	0.04%	0.007%
96	14.712	2099	2101	2102	rBV	1860	1480	0.10%	0.018%
97	14.968	2141	2143	2146	rBV3	560	427	0.03%	0.005%
98	15.438	2215	2220	2225	rVB	23580	39378	2.56%	0.481%
99	16.212	2345	2347	2348	rBV2	819	632	0.04%	0.008%
100	16.505	2393	2395	2396	rBV	1026	559	0.04%	0.007%

Sum of corrected areas: 8188511

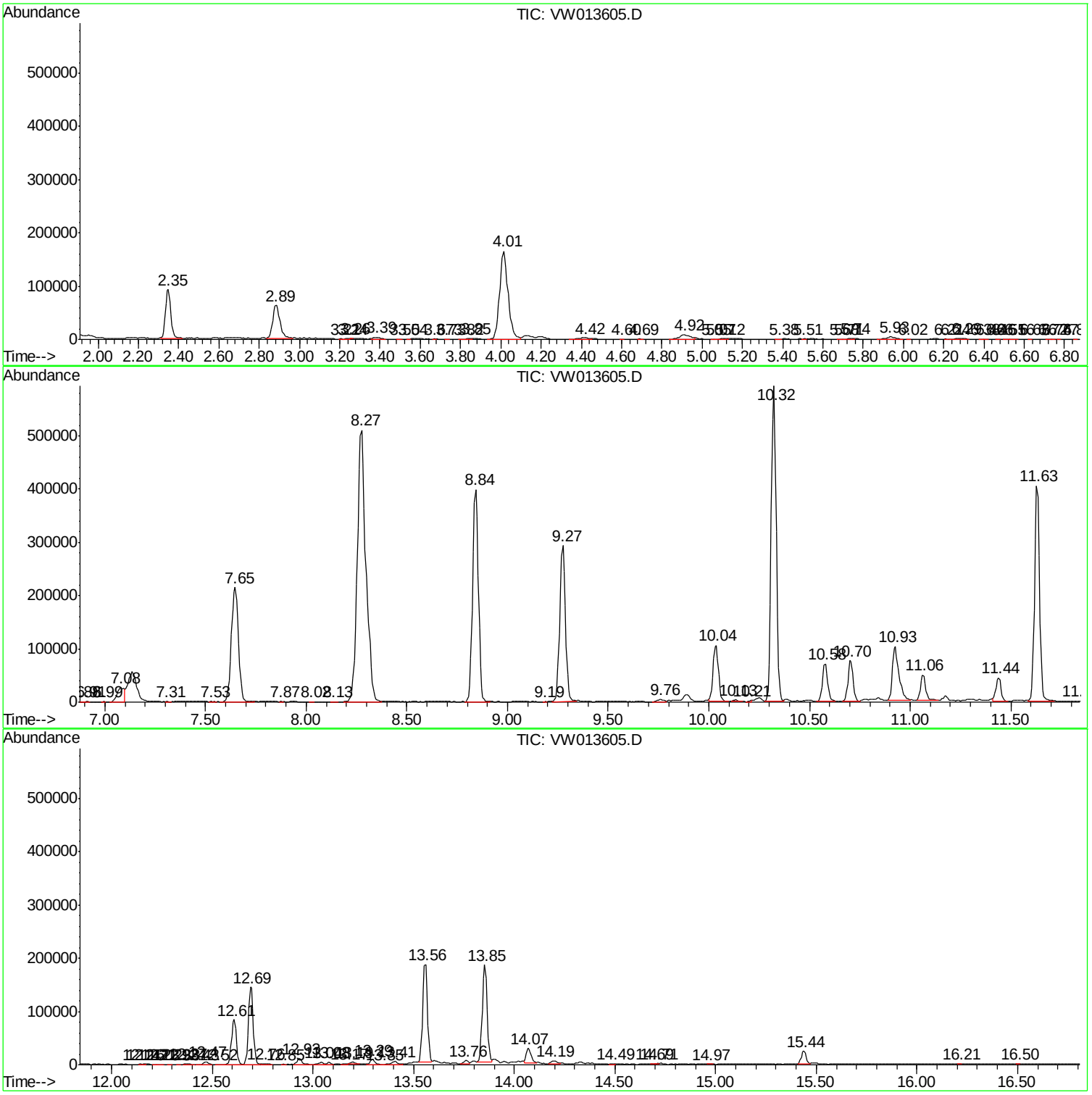
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101619\
Data File : VW013605.D
Acq On : 16 Oct 2019 17:45
Operator : SY/VA
Sample : K5395-02
Misc : 3.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0029

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.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_W\DATA\VW101619\
Data File : VW013605.D
Acq On : 16 Oct 2019 17:45
Operator : SY/VA
Sample : K5395-02
Misc : 3.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0029

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

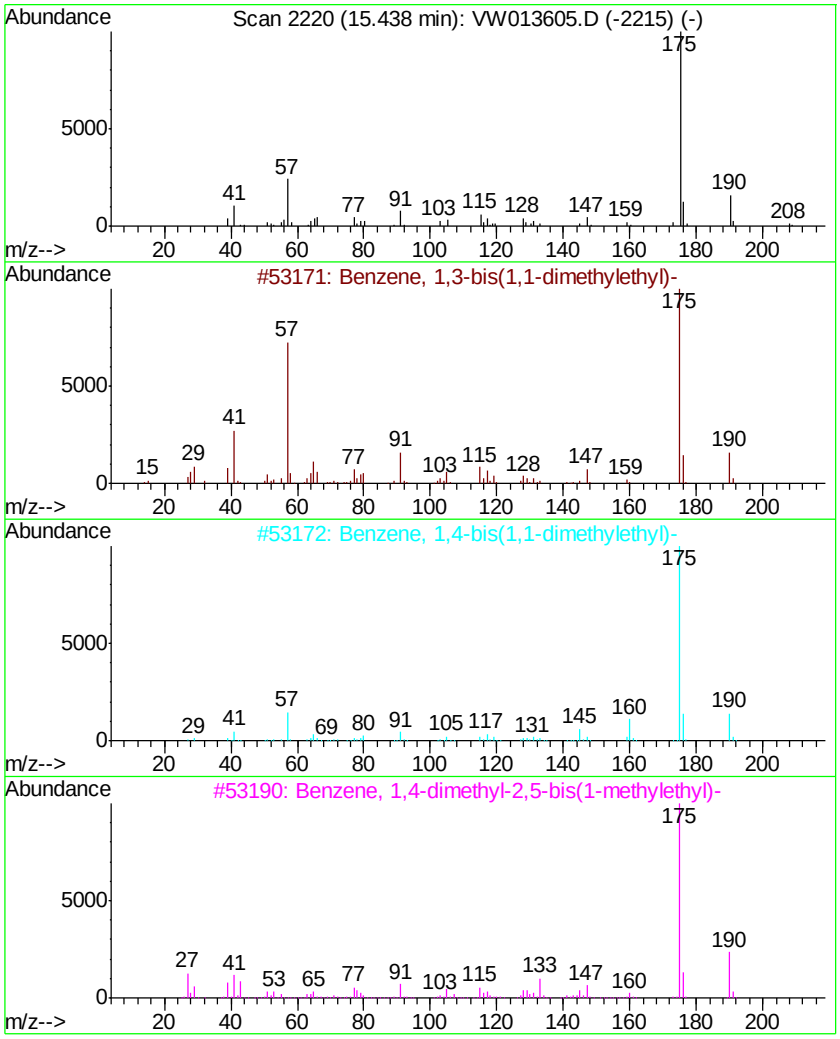
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

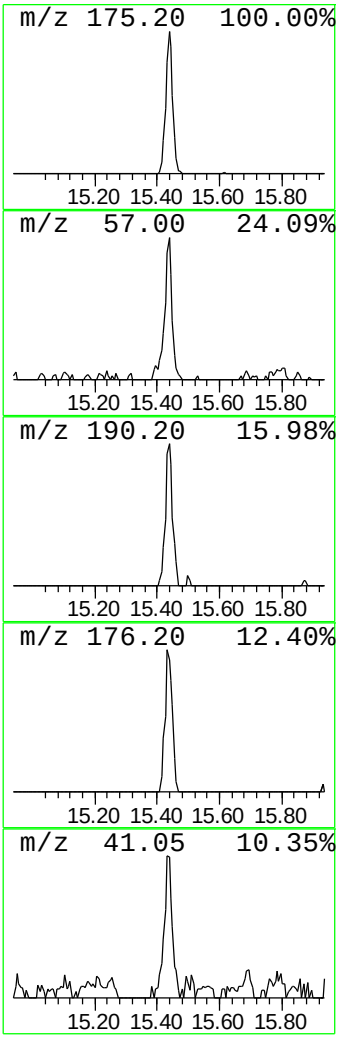
****

Peak Number 9 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.24 ug/L	39378	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
3	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	86
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101619\
Data File : VW013605.D
Acq On : 16 Oct 2019 17:45
Operator : SY/VA
Sample : K5395-02
Misc : 3.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0029

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.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
Benzene, 1,3-bis(...	15.44	3.2	ug/L	39378	3	13.56	304187	25.0