

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
 Data File : BG020194.D
 Acq On : 15 Dec 2015 18:04
 Operator : UM/SJ
 Sample : G4786-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.125	44	49	57	rBV	45448	78622	9.17%	0.986%
2	3.202	58	62	75	rVB	31172	44904	5.24%	0.563%
3	4.818	334	337	342	rVB4	1382	2023	0.24%	0.025%
4	5.170	394	397	403	rBV4	1613	2587	0.30%	0.032%
5	5.382	431	433	439	rVB2	1590	2292	0.27%	0.029%
6	7.244	744	750	757	rBV	22942	36149	4.22%	0.453%
7	7.414	773	779	791	rVB	65019	103651	12.09%	1.300%
8	7.626	808	815	822	rVB	71921	118819	13.86%	1.490%
9	8.096	889	895	902	rVB	65314	107251	12.51%	1.345%
10	8.736	997	1004	1008	rBV4	2185	3599	0.42%	0.045%
11	8.795	1008	1014	1022	rVV2	66943	113332	13.22%	1.422%
12	9.165	1073	1077	1080	rBV4	1929	3154	0.37%	0.040%
13	9.195	1080	1082	1086	rVB4	2610	3615	0.42%	0.045%
14	9.265	1087	1094	1102	rVB	89642	155475	18.14%	1.950%
15	9.459	1123	1127	1134	rVB4	4359	7495	0.87%	0.094%
16	9.724	1170	1172	1177	rVB2	1901	2846	0.33%	0.036%
17	9.988	1210	1217	1227	rBV	83569	148185	17.29%	1.859%
18	10.528	1300	1309	1316	rBV	124496	217074	25.33%	2.723%
19	10.910	1368	1374	1381	rBV	96186	173755	20.27%	2.179%
20	10.963	1381	1383	1388	rVB3	1829	2007	0.23%	0.025%
21	11.046	1392	1397	1401	rVV3	6919	11780	1.37%	0.148%
22	11.093	1401	1405	1411	rVB3	5487	10373	1.21%	0.130%
23	11.674	1500	1504	1508	rVB4	1616	2306	0.27%	0.029%
24	11.756	1515	1518	1523	rBV2	1593	2311	0.27%	0.029%
25	12.050	1560	1568	1572	rBV8	5217	10699	1.25%	0.134%
26	12.097	1572	1576	1586	rVB3	8341	14630	1.71%	0.184%
27	12.232	1593	1599	1602	rBV2	1817	2264	0.26%	0.028%
28	12.291	1605	1609	1614	rVB2	3924	5350	0.62%	0.067%
29	12.461	1633	1638	1646	rVB	17544	31669	3.69%	0.397%
30	12.691	1672	1677	1681	rBV4	3587	5651	0.66%	0.071%
31	12.755	1681	1688	1692	rBV	7556	12225	1.43%	0.153%
32	12.855	1702	1705	1712	rVB2	6025	8416	0.98%	0.106%
33	13.155	1749	1756	1758	rBV2	1430	2621	0.31%	0.033%
34	13.360	1787	1791	1794	rVB2	1806	2599	0.30%	0.033%

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35	13.560	1822	1825	1828	rBV2	2043	2315	0.27%	0.029%
36	13.783	1858	1863	1869	rVB3	8293	12831	1.50%	0.161%
37	13.901	1878	1883	1889	rBV4	3192	5760	0.67%	0.072%
38	14.066	1906	1911	1914	rBV4	1174	1917	0.22%	0.024%
39	14.124	1914	1921	1928	rBV	288096	417195	48.67%	5.233%
40	14.283	1943	1948	1951	rBV2	12434	19031	2.22%	0.239%
41	14.318	1951	1954	1959	rVB3	8593	11495	1.34%	0.144%
42	14.424	1965	1972	1986	rVB	287328	500116	58.35%	6.273%
43	14.729	2018	2024	2029	rBV2	192720	300965	35.11%	3.775%
44	14.794	2029	2035	2041	rVV	172371	267862	31.25%	3.360%
45	14.912	2049	2055	2064	rBV	29462	49166	5.74%	0.617%
46	15.035	2072	2076	2079	rBV3	1648	1893	0.22%	0.024%
47	15.194	2100	2103	2109	rVB5	1287	1869	0.22%	0.023%
48	15.335	2123	2127	2132	rVV3	4364	6172	0.72%	0.077%
49	15.546	2158	2163	2167	rVB3	5578	7760	0.91%	0.097%
50	15.593	2167	2171	2178	rVB3	6336	9359	1.09%	0.117%
51	15.717	2185	2192	2200	rBV	444531	660684	77.08%	8.287%
52	15.822	2204	2210	2216	rBV	152204	219434	25.60%	2.752%
53	15.899	2221	2223	2225	rVV	5991	6043	0.71%	0.076%
54	15.934	2225	2229	2236	rVV4	12215	26380	3.08%	0.331%
55	15.981	2236	2237	2240	rVV2	5484	4894	0.57%	0.061%
56	16.022	2240	2244	2248	rVV4	8228	11466	1.34%	0.144%
57	16.063	2248	2251	2256	rVB5	1908	3365	0.39%	0.042%
58	16.192	2267	2273	2275	rBV3	2595	4298	0.50%	0.054%
59	16.357	2295	2301	2304	rBV4	2649	4055	0.47%	0.051%
60	16.404	2304	2309	2313	rBV5	9106	17541	2.05%	0.220%
61	16.445	2313	2316	2318	rBV3	6323	8310	0.97%	0.104%
62	16.563	2334	2336	2338	rVB3	2359	2162	0.25%	0.027%
63	16.668	2350	2354	2359	rVB4	2824	4389	0.51%	0.055%
64	16.715	2359	2362	2365	rBV4	1497	2030	0.24%	0.025%
65	16.751	2365	2368	2370	rBV4	2157	2424	0.28%	0.030%
66	16.821	2376	2380	2382	rBV5	1809	2353	0.27%	0.030%
67	16.921	2392	2397	2401	rVB3	3878	6671	0.78%	0.084%
68	16.968	2401	2405	2406	rBV	1840	2008	0.23%	0.025%
69	17.256	2451	2454	2456	rBV	2201	1942	0.23%	0.024%
70	17.338	2464	2468	2473	rBV5	4554	9289	1.08%	0.117%
71	17.467	2483	2490	2500	rVB2	277314	433490	50.57%	5.437%

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72	17.567	2500	2507	2514	rBV	501186	738020	86.10%	9.257%
73	17.814	2548	2549	2552	rBV2	1495	1820	0.21%	0.023%
74	17.926	2566	2568	2573	rVB5	4150	3704	0.43%	0.046%
75	18.084	2590	2595	2600	rVB4	13835	23462	2.74%	0.294%
76	18.161	2605	2608	2614	rVB5	1847	3871	0.45%	0.049%
77	18.219	2614	2618	2622	rBV6	2161	3510	0.41%	0.044%
78	18.261	2623	2625	2630	rVB4	1754	2759	0.32%	0.035%
79	18.337	2630	2638	2644	rBV7	12539	23725	2.77%	0.298%
80	18.384	2644	2646	2652	rVB2	5607	6295	0.73%	0.079%
81	18.543	2669	2673	2678	rVV4	4233	6716	0.78%	0.084%
82	18.689	2695	2698	2701	rBV2	1923	2610	0.30%	0.033%
83	18.766	2707	2711	2712	rBV4	3171	3520	0.41%	0.044%
84	18.842	2720	2724	2727	rBV5	2966	3333	0.39%	0.042%
85	19.218	2785	2788	2793	rVB4	3166	5431	0.63%	0.068%
86	19.489	2829	2834	2837	rVB	7485	11302	1.32%	0.142%
87	19.606	2850	2854	2857	rBV3	8131	10386	1.21%	0.130%
88	19.735	2872	2876	2883	rBV2	5073	8320	0.97%	0.104%
89	19.847	2889	2895	2903	rBV	589567	857131	100.00%	10.751%
90	20.064	2930	2932	2935	rVB3	1973	1983	0.23%	0.025%
91	20.705	3039	3041	3043	rBV2	2523	2417	0.28%	0.030%
92	20.740	3045	3047	3052	rVB3	6275	6645	0.78%	0.083%
93	21.739	3211	3217	3225	rVB	303195	504791	58.89%	6.332%
94	23.237	3470	3472	3475	rBV2	2929	3392	0.40%	0.043%
95	24.060	3608	3612	3619	rVB5	4663	9367	1.09%	0.117%
96	24.788	3726	3736	3751	rVB	261957	724130	84.48%	9.083%
97	25.011	3765	3774	3789	rVB2	169841	481469	56.17%	6.039%
98	26.175	3965	3972	3980	rBV8	6561	17726	2.07%	0.222%
99	27.532	4200	4203	4204	rBV2	3204	3476	0.41%	0.044%
100	29.171	4480	4482	4484	rBV3	2305	2321	0.27%	0.029%

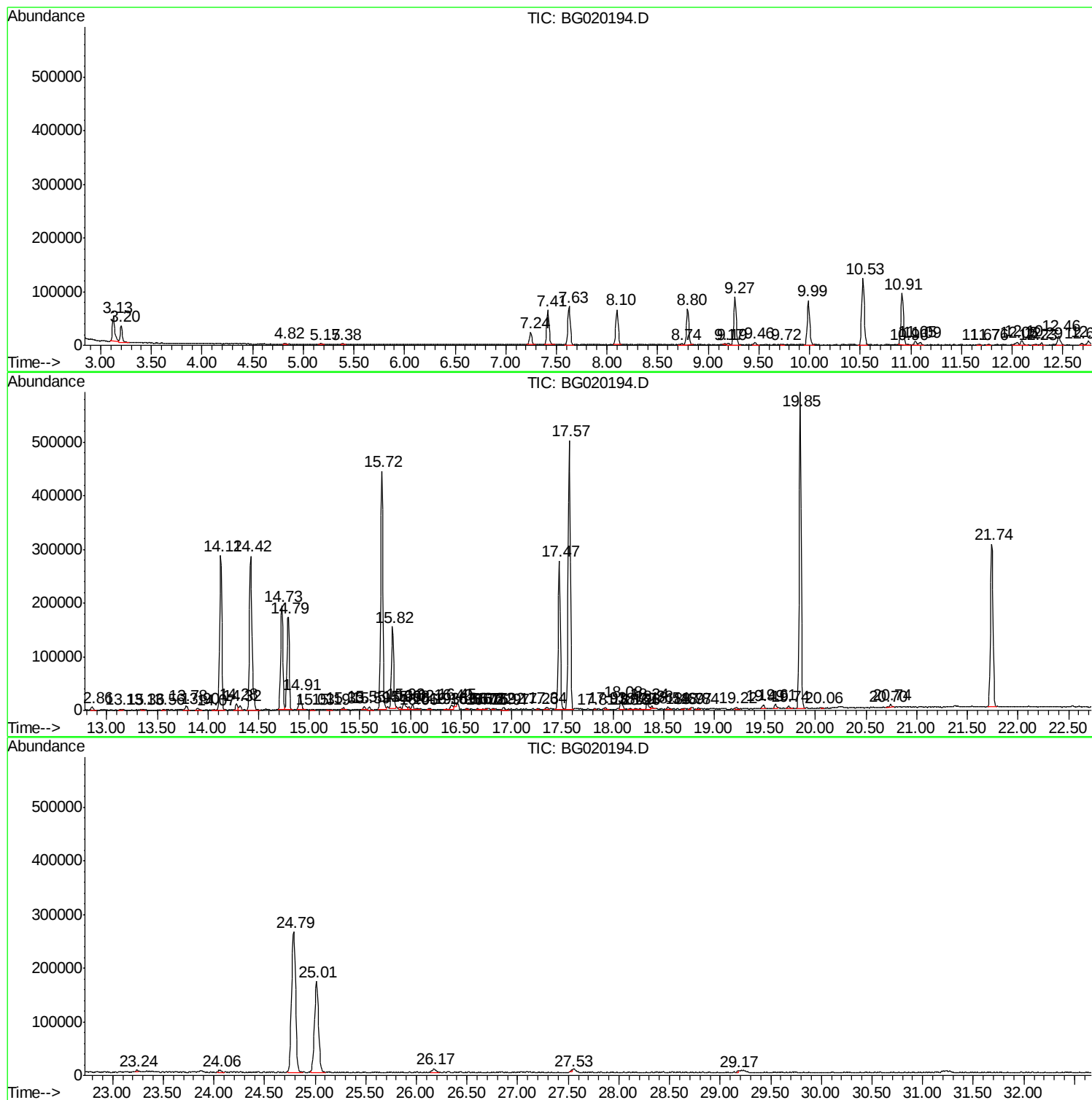
Sum of corrected areas: 7972295

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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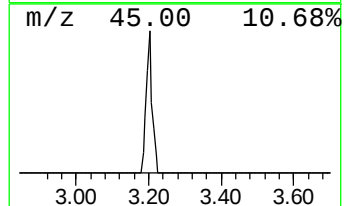
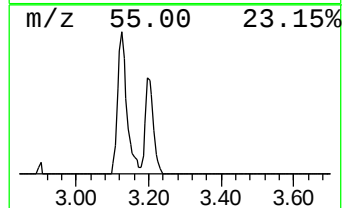
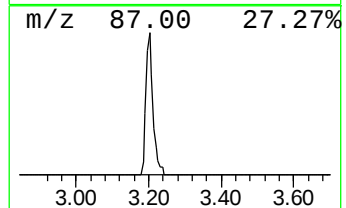
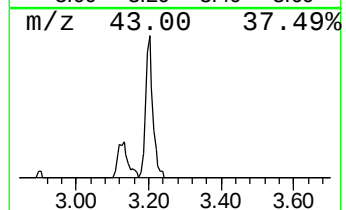
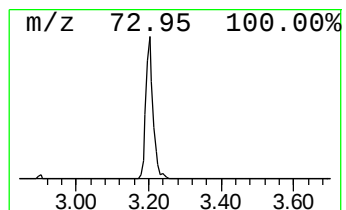
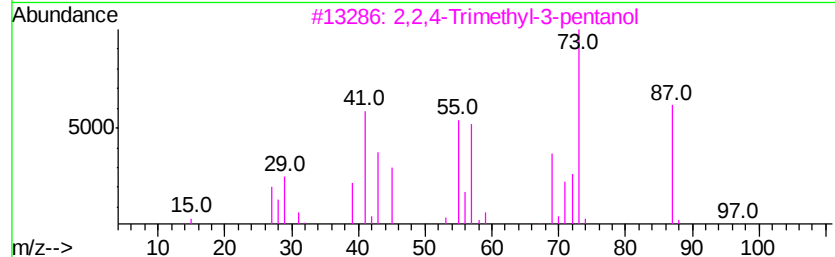
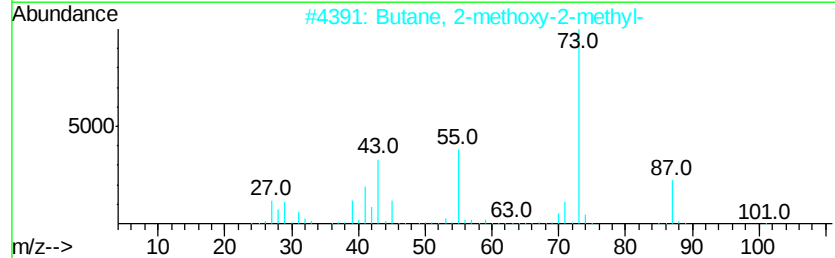
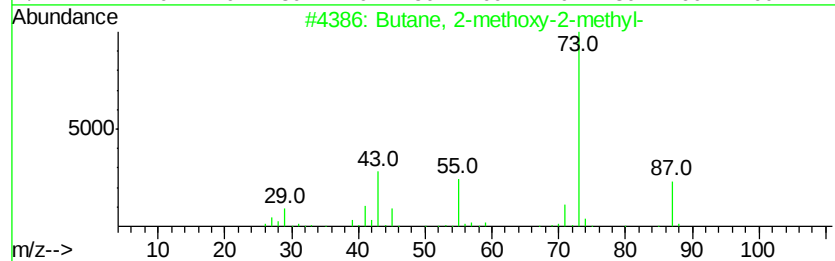
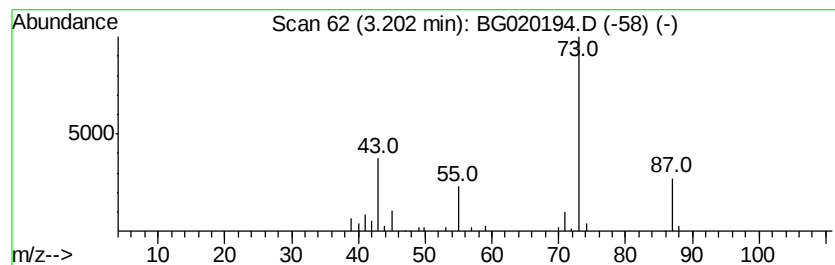
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	8.37 ng/ul	44904	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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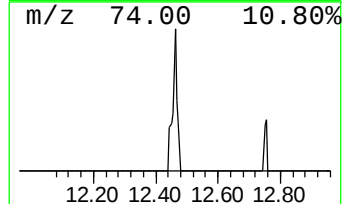
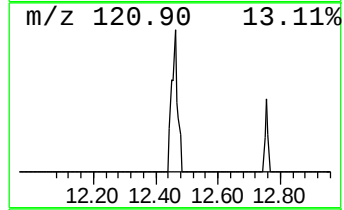
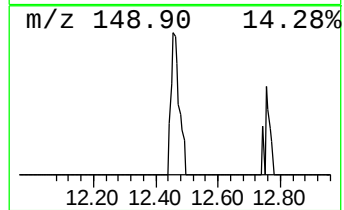
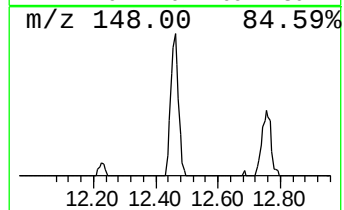
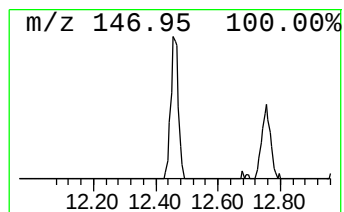
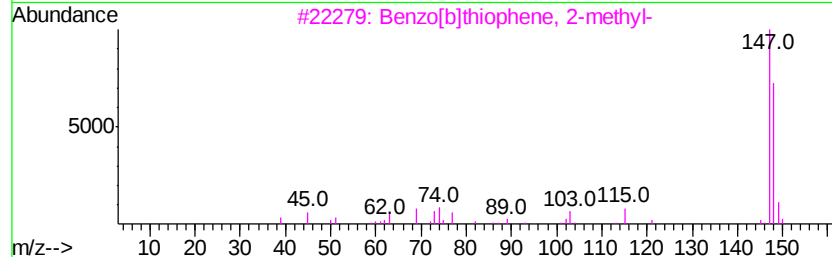
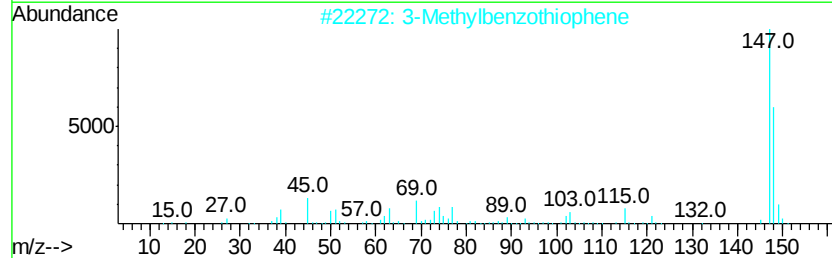
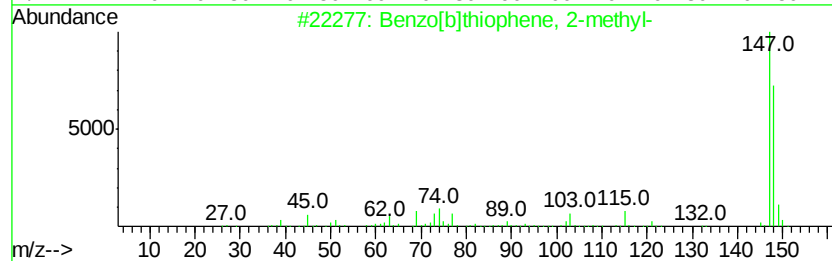
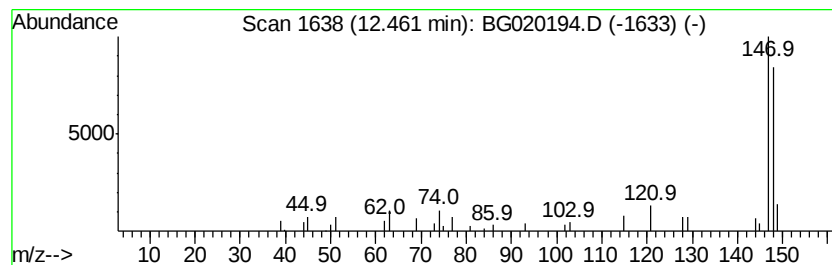
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[b]thiophene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.65 ng/ul	31669	Napthalene-d8	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
2		3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
4		2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	64
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	8.4	ng/ul	44904	1	8.10	107251	20.0
Benzo[b]thiophene...	12.46	3.6	ng/ul	31669	2	10.91	173755	20.0