

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
 Data File : BG017817.D
 Acq On : 10 Jul 2015 19:08
 Operator : TP/UM
 Sample : G2936-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01T4

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-BG070915.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	2.797	14	18	26	rVB4	71388	131717	6.75%	0.664%
2	2.873	26	31	44	rVB	929964	1242815	63.74%	6.269%
3	3.155	77	79	86	rVB2	25961	34666	1.78%	0.175%
4	5.423	462	465	466	rBV2	3028	3190	0.16%	0.016%
5	5.805	528	530	532	rBV3	3207	2530	0.13%	0.013%
6	5.940	551	553	555	rBV2	2188	2735	0.14%	0.014%
7	6.769	688	694	702	rVB	73124	118731	6.09%	0.599%
8	6.939	716	723	736	rBV	262952	410329	21.04%	2.070%
9	7.127	749	755	764	rBV	262855	410530	21.05%	2.071%
10	7.227	769	772	778	rVB5	3799	6416	0.33%	0.032%
11	7.297	783	784	788	rVV3	2833	2588	0.13%	0.013%
12	7.597	827	835	842	rVB	252945	409216	20.99%	2.064%
13	7.656	842	845	850	rBV5	3409	5249	0.27%	0.026%
14	8.302	948	955	962	rBV	208389	330285	16.94%	1.666%
15	8.349	962	963	966	rVB3	2906	2583	0.13%	0.013%
16	8.743	1024	1030	1040	rVV	299861	497535	25.52%	2.510%
17	9.465	1146	1153	1161	rBV	236428	385056	19.75%	1.942%
18	9.689	1188	1191	1193	rBV2	1995	2501	0.13%	0.013%
19	9.736	1198	1199	1202	rBV3	2429	2511	0.13%	0.013%
20	9.994	1236	1243	1253	rBV	331054	567464	29.10%	2.862%
21	10.100	1258	1261	1263	rBV3	2187	3166	0.16%	0.016%
22	10.376	1298	1308	1317	rVB	383146	633320	32.48%	3.195%
23	10.511	1328	1331	1336	rBV5	4803	7832	0.40%	0.040%
24	11.598	1512	1516	1517	rBV3	2231	2647	0.14%	0.013%
25	12.503	1665	1670	1672	rBV4	2232	3994	0.20%	0.020%
26	12.603	1681	1687	1690	rBV4	5688	7561	0.39%	0.038%
27	12.855	1724	1730	1736	rBV4	7865	11755	0.60%	0.059%
28	13.155	1778	1781	1787	rVB5	3609	5319	0.27%	0.027%
29	13.666	1860	1868	1874	rBV	774402	1044648	53.57%	5.269%
30	13.942	1908	1915	1921	rVV	838937	1255981	64.41%	6.335%
31	14.254	1961	1968	1975	rVB2	551513	847104	43.44%	4.273%
32	14.389	1986	1991	1993	rBV3	2063	3717	0.19%	0.019%
33	14.454	1997	2002	2007	rBV2	72065	118057	6.05%	0.595%
34	14.630	2028	2032	2035	rBV5	1662	2705	0.14%	0.014%

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35	14.865	2069	2072	2075	rBV3	2617	2587	0.13%	0.013%
36	15.082	2107	2109	2115	rVB4	1959	2985	0.15%	0.015%
37	15.247	2130	2137	2145	rBV	1071685	1563824	80.20%	7.888%
38	15.370	2150	2158	2169	rBV	302019	430058	22.05%	2.169%
39	15.482	2173	2177	2182	rVB6	6054	8542	0.44%	0.043%
40	15.570	2191	2192	2198	rVB4	2207	3669	0.19%	0.019%
41	16.210	2298	2301	2305	rVB3	2467	3327	0.17%	0.017%
42	16.651	2373	2376	2380	rBV4	1871	3248	0.17%	0.016%
43	16.786	2395	2399	2402	rBV6	3821	5715	0.29%	0.029%
44	16.945	2421	2426	2429	rBV2	1850	3223	0.17%	0.016%
45	17.004	2429	2436	2443	rBV2	757000	1022240	52.42%	5.156%
46	17.103	2446	2453	2462	rBV	1245428	1705017	87.44%	8.600%
47	17.250	2474	2478	2481	rVV3	2124	2765	0.14%	0.014%
48	17.303	2481	2487	2492	rVV	158636	199691	10.24%	1.007%
49	17.374	2495	2499	2504	rVV3	2746	6041	0.31%	0.030%
50	17.650	2541	2546	2550	rVV	12365	15860	0.81%	0.080%
51	17.814	2573	2574	2578	rVB2	2548	2550	0.13%	0.013%
52	17.926	2588	2593	2596	rVV4	6442	9684	0.50%	0.049%
53	17.991	2600	2604	2607	rVB	11351	13926	0.71%	0.070%
54	18.149	2628	2631	2634	rBV3	1856	2548	0.13%	0.013%
55	19.213	2806	2812	2816	rBV5	4832	7723	0.40%	0.039%
56	19.295	2822	2826	2831	rBV2	12649	15447	0.79%	0.078%
57	19.407	2838	2845	2851	rBV	1427663	1949958	100.00%	9.836%
58	20.235	2983	2986	2989	rVB5	3139	3308	0.17%	0.017%
59	20.259	2989	2990	2992	rBV2	2997	2820	0.14%	0.014%
60	20.588	3044	3046	3051	rVB4	3211	3710	0.19%	0.019%
61	20.799	3080	3082	3084	rBV2	3802	3232	0.17%	0.016%
62	20.940	3103	3106	3109	rVB4	2675	3380	0.17%	0.017%
63	21.005	3111	3117	3120	rBV6	10769	16704	0.86%	0.084%
64	21.134	3136	3139	3143	rBV5	4536	7087	0.36%	0.036%
65	21.205	3145	3151	3161	rVV	943550	1167923	59.89%	5.891%
66	21.293	3163	3166	3167	rBV3	3097	2953	0.15%	0.015%
67	21.387	3180	3182	3185	rBV3	3205	4108	0.21%	0.021%
68	21.716	3236	3238	3241	rBV4	4143	3630	0.19%	0.018%
69	21.798	3250	3252	3256	rVV4	3943	3620	0.19%	0.018%
70	21.998	3284	3286	3288	rBV2	3947	3039	0.16%	0.015%
71	22.080	3298	3300	3302	rBV3	3557	3636	0.19%	0.018%

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72	22.485	3367	3369	3371	rVB3	4578	3477	0.18%	0.018%
73	22.509	3371	3373	3376	rBV4	3837	4477	0.23%	0.023%
74	22.691	3400	3404	3408	rVB6	8672	15915	0.82%	0.080%
75	22.914	3439	3442	3447	rBV7	6596	11960	0.61%	0.060%
76	23.114	3474	3476	3479	rBV4	5252	5568	0.29%	0.028%
77	23.284	3497	3505	3520	rVB	1053402	1837041	94.21%	9.266%
78	23.425	3520	3529	3538	rBV2	596027	1134064	58.16%	5.720%
79	24.131	3647	3649	3652	rBV4	4415	3895	0.20%	0.020%
80	24.219	3662	3664	3666	rBV3	4226	3178	0.16%	0.016%
81	24.277	3673	3674	3675	rBV	5874	2780	0.14%	0.014%
82	24.865	3772	3774	3776	rBV3	4335	3368	0.17%	0.017%
83	25.253	3838	3840	3842	rBV3	4684	3996	0.20%	0.020%
84	25.306	3847	3849	3852	rBV4	4136	4504	0.23%	0.023%
85	25.400	3863	3865	3867	rBV3	3729	3539	0.18%	0.018%
86	25.547	3886	3890	3893	rBV5	5040	8060	0.41%	0.041%
87	25.617	3901	3902	3906	rBV4	7081	4968	0.25%	0.025%
88	25.852	3940	3942	3943	rBV2	3927	2707	0.14%	0.014%
89	25.881	3945	3947	3949	rBV2	3943	4036	0.21%	0.020%
90	26.210	4001	4003	4006	rBV4	4529	5363	0.28%	0.027%
91	26.469	4045	4047	4050	rBV4	3728	2682	0.14%	0.014%
92	26.528	4056	4057	4060	rBV3	4922	4151	0.21%	0.021%
93	26.633	4073	4075	4076	rBV2	4605	2870	0.15%	0.014%
94	26.827	4106	4108	4110	rBV3	3978	4174	0.21%	0.021%
95	26.904	4117	4121	4122	rBV4	4228	4995	0.26%	0.025%
96	26.921	4122	4124	4128	rBV5	3397	4884	0.25%	0.025%
97	27.080	4149	4151	4153	rVB3	4803	2773	0.14%	0.014%
98	27.127	4157	4159	4160	rBV2	3521	2881	0.15%	0.015%
99	28.008	4307	4309	4310	rBV2	3965	3000	0.15%	0.015%
100	28.355	4366	4368	4370	rBV3	4566	3756	0.19%	0.019%

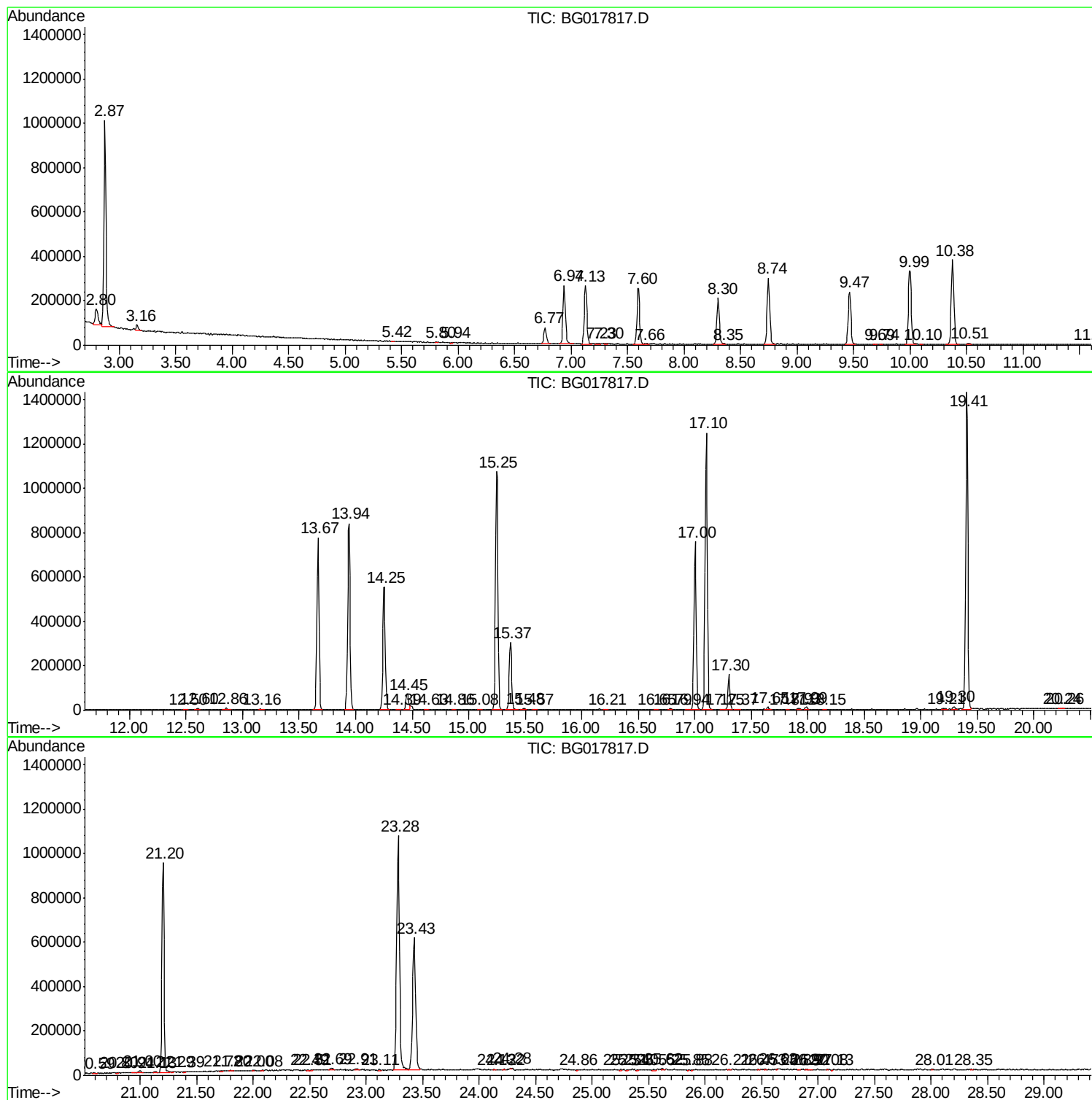
Sum of corrected areas: 19825293

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION

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



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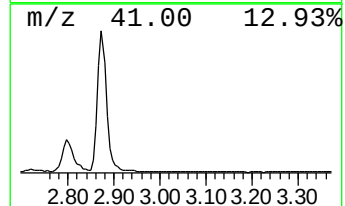
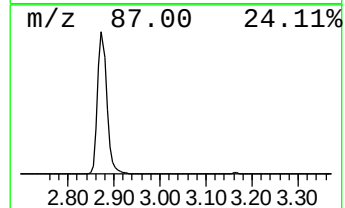
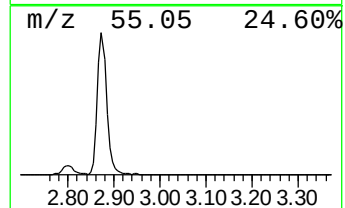
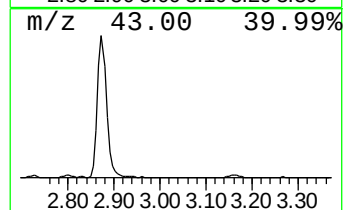
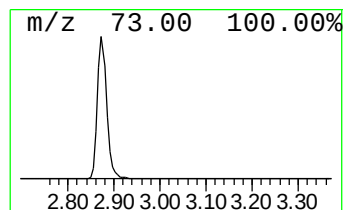
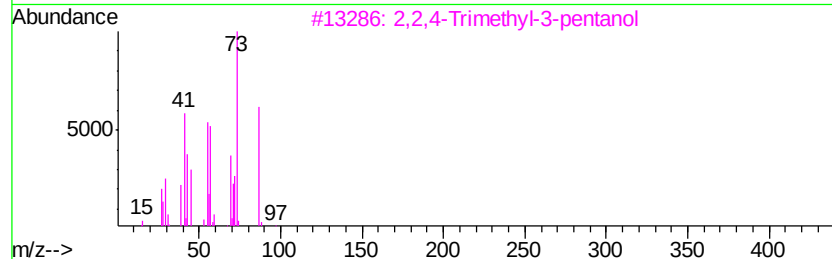
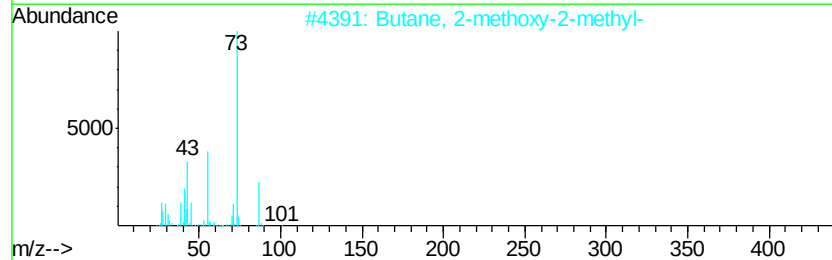
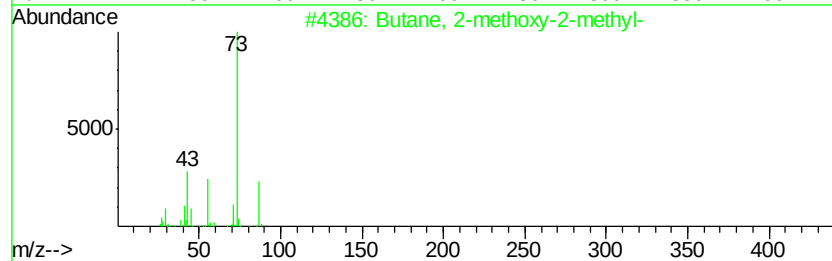
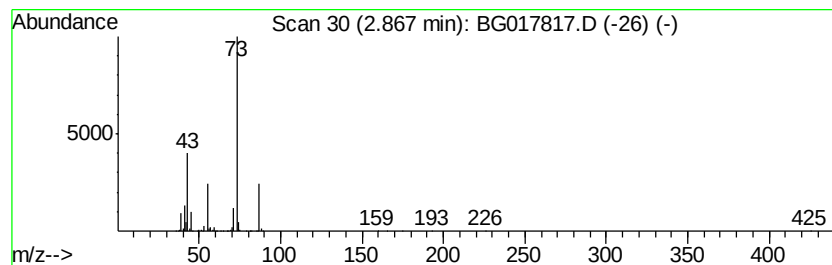
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	60.74 ng/ul	1242820	1,4-Dichlorobenzene-d4	7.60

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	50
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27



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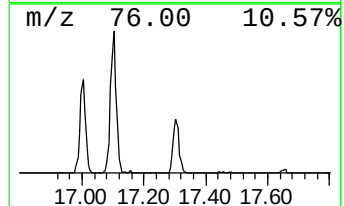
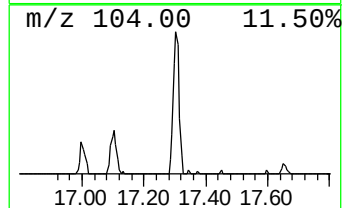
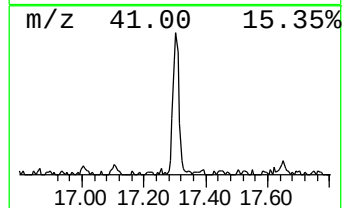
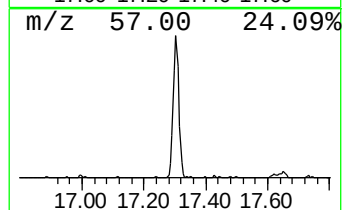
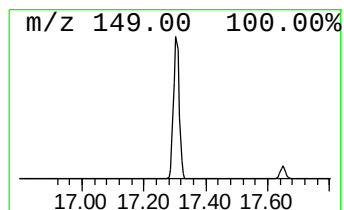
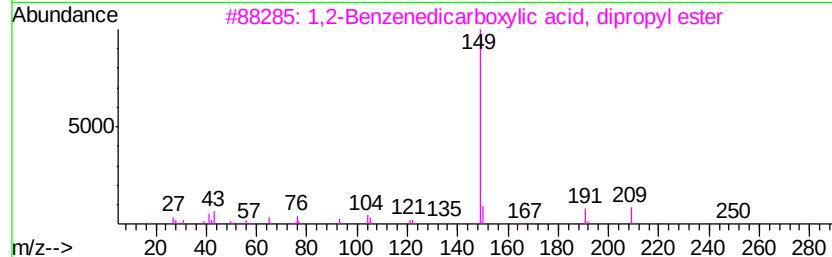
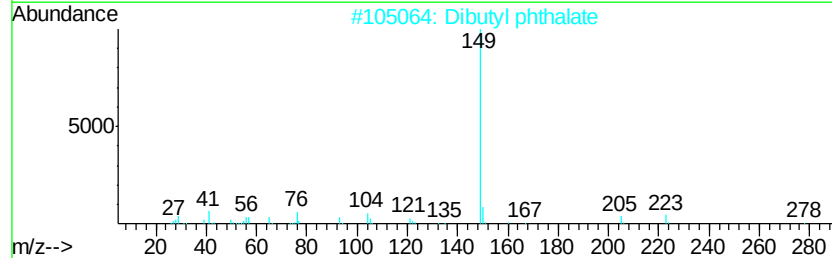
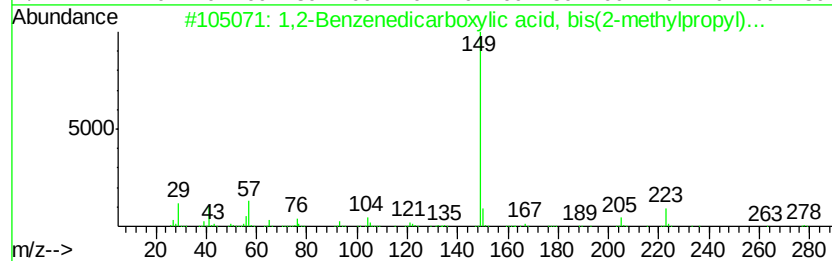
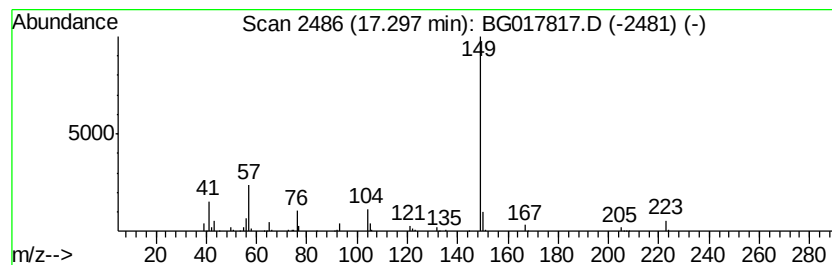
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	3.91 ng/ul	199691	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
2		Dibutyl phthalate	278	C16H22O4	000084-74-2	78
3		1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	72
4		1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	72
5		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	60.7	ng/ul	1242820	1	7.60	409216	20.0
1,2-Benzenedicarb...	17.30	3.9	ng/ul	199691	4	17.00	1022240	20.0