

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111315\
 Data File : BG019603.D
 Acq On : 13 Nov 2015 22:12
 Operator : UM/NP
 Sample : G4342-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KP8

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-BG102815.M
 Title : SVOA CALIBRATION

Signal : TIC: BG019595.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.097	39	44	53	rBV	29291	60912	6.88%	0.549%
2	3.179	53	58	71	rVB	225611	324948	36.68%	2.930%
3	3.461	102	106	110	rBV4	6980	9347	1.05%	0.084%
4	4.477	275	279	283	rBV3	7027	10506	1.19%	0.095%
5	4.900	346	351	355	rBV	6629	9174	1.04%	0.083%
6	5.130	385	390	394	rBV2	1031	1995	0.23%	0.018%
7	7.303	754	760	771	rVB	133325	233574	26.36%	2.106%
8	7.474	783	789	796	rVB	100702	161492	18.23%	1.456%
9	7.685	818	825	832	rVB	122923	207690	23.44%	1.872%
10	8.161	899	906	913	rBV	97584	164753	18.60%	1.485%
11	8.467	953	958	964	rVB3	4417	6206	0.70%	0.056%
12	8.860	1019	1025	1035	rBV	165419	283502	32.00%	2.556%
13	9.331	1098	1105	1115	rBV	129975	221919	25.05%	2.001%
14	9.430	1117	1122	1132	rVB3	4428	9067	1.02%	0.082%
15	9.724	1168	1172	1175	rVB3	1878	2285	0.26%	0.021%
16	10.059	1222	1229	1239	rVB2	113104	197870	22.33%	1.784%
17	10.282	1260	1267	1271	rBV3	22025	40298	4.55%	0.363%
18	10.600	1314	1321	1332	rBV	162889	291984	32.96%	2.632%
19	10.735	1342	1344	1353	rVB4	2496	3980	0.45%	0.036%
20	10.987	1380	1387	1395	rBV	141053	246368	27.81%	2.221%
21	11.117	1402	1409	1417	rBV	139438	249304	28.14%	2.248%
22	11.751	1514	1517	1523	rVV3	3161	4742	0.54%	0.043%
23	11.980	1552	1556	1562	rVB3	3566	6222	0.70%	0.056%
24	12.486	1640	1642	1646	rVB	1833	1926	0.22%	0.017%
25	12.562	1650	1655	1660	rVV2	2053	3201	0.36%	0.029%
26	13.056	1734	1739	1745	rBV2	13607	20567	2.32%	0.185%
27	13.150	1751	1755	1761	rVB3	8341	12313	1.39%	0.111%
28	13.390	1790	1796	1802	rVB	12538	18073	2.04%	0.163%
29	13.708	1846	1850	1856	rVB4	3918	7156	0.81%	0.065%
30	14.190	1925	1932	1936	rBV	333860	498346	56.25%	4.493%
31	14.237	1936	1940	1947	rVB	262711	364620	41.15%	3.287%
32	14.419	1965	1971	1973	rBV4	3834	5769	0.65%	0.052%
33	14.489	1976	1983	1990	rVB	314499	477906	53.94%	4.309%
34	14.665	2008	2013	2018	rVB2	8936	11549	1.30%	0.104%

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35	14.795	2028	2035	2042	rVB2	255223	403156	45.50%	3.635%
36	14.977	2060	2066	2075	rBV	179729	284729	32.14%	2.567%
37	15.106	2085	2088	2090	rBV3	2061	2300	0.26%	0.021%
38	15.271	2114	2116	2122	rBV5	2771	4799	0.54%	0.043%
39	15.353	2125	2130	2132	rVB3	2019	3146	0.36%	0.028%
40	15.412	2137	2140	2143	rBV	1303	1945	0.22%	0.018%
41	15.564	2161	2166	2169	rBV2	6665	8665	0.98%	0.078%
42	15.611	2169	2174	2178	rVB2	18721	24515	2.77%	0.221%
43	15.670	2178	2184	2189	rBV3	2362	3571	0.40%	0.032%
44	15.735	2189	2195	2196	rBV3	1694	2425	0.27%	0.022%
45	15.782	2196	2203	2211	rVB	419140	633981	71.56%	5.716%
46	15.888	2214	2221	2232	rBV	176631	264906	29.90%	2.388%
47	16.017	2235	2243	2247	rBV5	9691	19932	2.25%	0.180%
48	16.111	2255	2259	2264	rBV4	3138	4774	0.54%	0.043%
49	16.164	2264	2268	2271	rBV2	3201	3765	0.42%	0.034%
50	16.228	2277	2279	2284	rVB6	2290	2822	0.32%	0.025%
51	16.469	2315	2320	2323	rBV	21655	30761	3.47%	0.277%
52	16.546	2331	2333	2337	rVB3	2792	3008	0.34%	0.027%
53	16.598	2339	2342	2346	rVB2	8181	9316	1.05%	0.084%
54	16.651	2348	2351	2358	rVB4	9281	14533	1.64%	0.131%
55	16.716	2358	2362	2366	rBV5	7775	9774	1.10%	0.088%
56	16.763	2366	2370	2374	rVB5	6279	10122	1.14%	0.091%
57	16.810	2374	2378	2381	rBV4	5939	9910	1.12%	0.089%
58	16.922	2392	2397	2402	rVB6	8655	18035	2.04%	0.163%
59	16.986	2402	2408	2412	rBV3	11561	18253	2.06%	0.165%
60	17.063	2415	2421	2425	rVV6	5260	11971	1.35%	0.108%
61	17.110	2428	2429	2432	rBV3	2049	2279	0.26%	0.021%
62	17.210	2444	2446	2449	rBV4	1971	2254	0.25%	0.020%
63	17.262	2449	2455	2458	rVV2	14967	21601	2.44%	0.195%
64	17.315	2460	2464	2468	rVB4	7096	10506	1.19%	0.095%
65	17.351	2468	2470	2473	rVB3	2175	2297	0.26%	0.021%
66	17.427	2479	2483	2485	rVB4	2315	2790	0.31%	0.025%
67	17.480	2490	2492	2495	rBV3	1657	2062	0.23%	0.019%
68	17.533	2495	2501	2507	rBV	403312	588469	66.42%	5.305%
69	17.633	2512	2518	2525	rVB	492034	730743	82.48%	6.588%
70	17.797	2543	2546	2550	rVB2	2654	3665	0.41%	0.033%
71	17.997	2577	2580	2584	rVB3	5457	6832	0.77%	0.062%

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72	18.044	2586	2588	2593	rVV5	1579	1969	0.22%	0.018%
73	18.302	2627	2632	2637	rBV6	3970	7222	0.82%	0.065%
74	18.396	2642	2648	2654	rBV4	11270	17055	1.92%	0.154%
75	18.467	2658	2660	2665	rVB4	3521	4071	0.46%	0.037%
76	18.573	2676	2678	2681	rVB3	2529	2086	0.24%	0.019%
77	18.684	2694	2697	2701	rBV5	4215	6342	0.72%	0.057%
78	18.913	2731	2736	2741	rVB	9139	13687	1.54%	0.123%
79	19.002	2747	2751	2754	rVB2	6898	8365	0.94%	0.075%
80	19.166	2776	2779	2783	rVB5	6706	7621	0.86%	0.069%
81	19.242	2789	2792	2797	rBV2	20099	26354	2.97%	0.238%
82	19.313	2801	2804	2810	rVB6	10104	15273	1.72%	0.138%
83	19.654	2860	2862	2863	rBV2	3749	2322	0.26%	0.021%
84	19.789	2881	2885	2890	rBV2	33394	40477	4.57%	0.365%
85	19.853	2893	2896	2898	rVV3	8814	11309	1.28%	0.102%
86	19.906	2899	2905	2913	rVB	651149	885979	100.00%	7.988%
87	20.318	2969	2975	2980	rBV2	27727	48048	5.42%	0.433%
88	20.365	2981	2983	2988	rVV4	9291	13815	1.56%	0.125%
89	20.794	3053	3056	3060	rVB	41445	49059	5.54%	0.442%
90	21.011	3089	3093	3097	rBV	23045	35238	3.98%	0.318%
91	21.058	3098	3101	3105	rVB2	44722	51383	5.80%	0.463%
92	21.128	3110	3113	3117	rVB3	18651	22456	2.53%	0.202%
93	21.416	3158	3162	3169	rVB2	34748	50735	5.73%	0.457%
94	21.569	3185	3188	3194	rVB2	21840	31845	3.59%	0.287%
95	21.810	3223	3229	3236	rVB	454168	765471	86.40%	6.901%
96	22.392	3326	3328	3333	rBV5	4541	6273	0.71%	0.057%
97	24.148	3623	3627	3635	rVB2	32599	67022	7.56%	0.604%
98	24.906	3746	3756	3768	rBV	275098	759374	85.71%	6.846%
99	25.136	3786	3795	3806	rVB	263384	726663	82.02%	6.551%
100	32.221	4992	5001	5002	rBV8	28888	66233	7.48%	0.597%

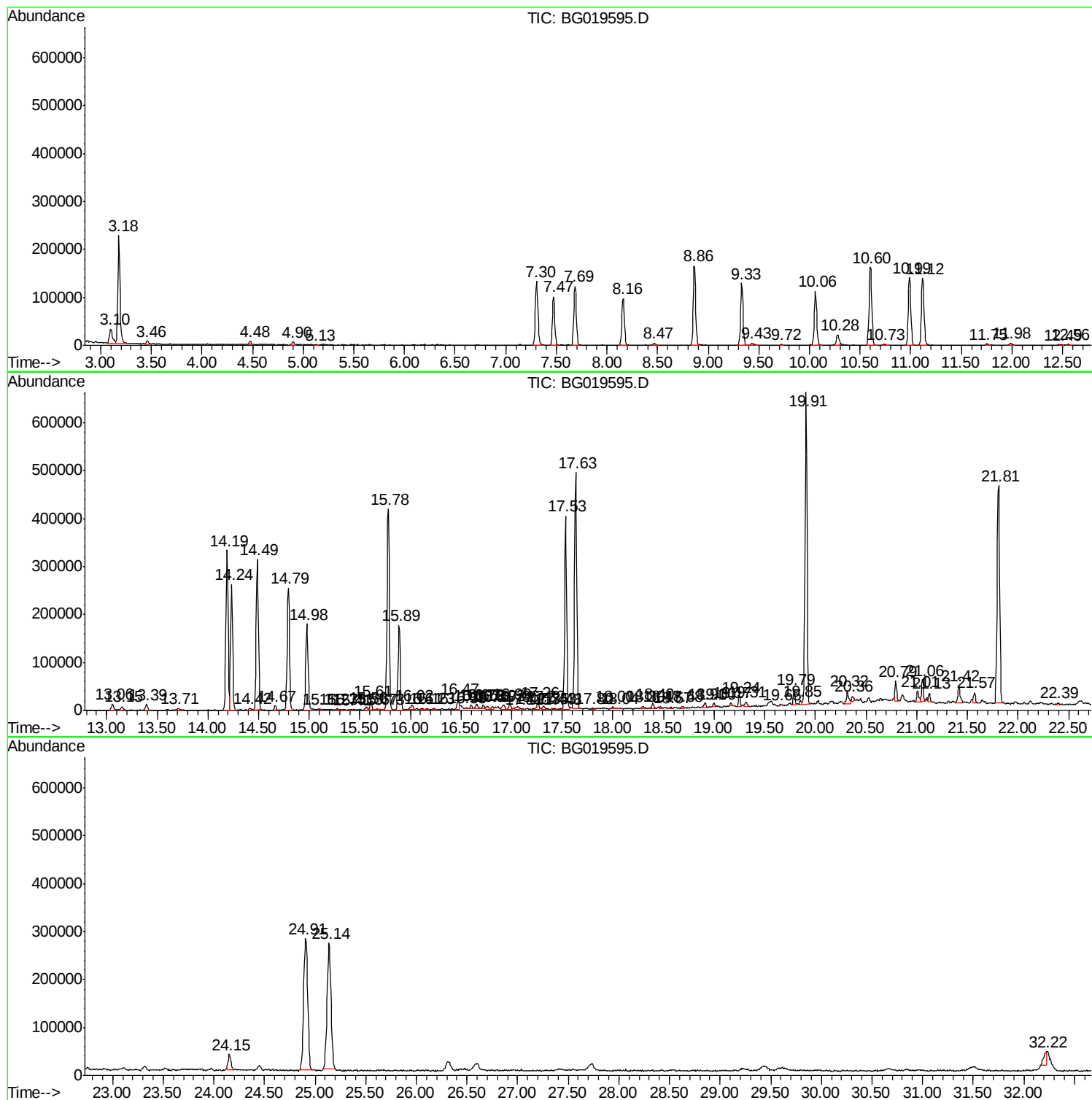
Sum of corrected areas: 11091923

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



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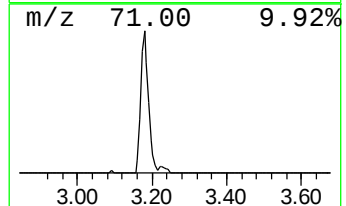
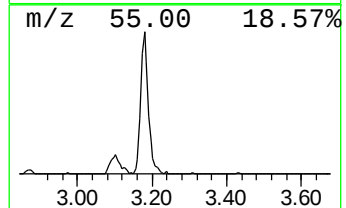
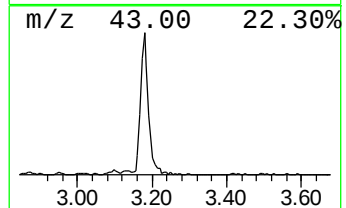
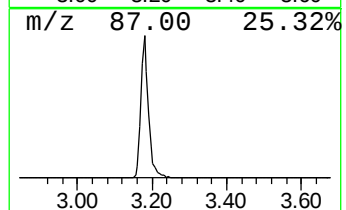
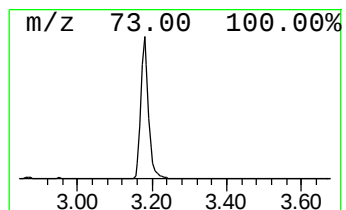
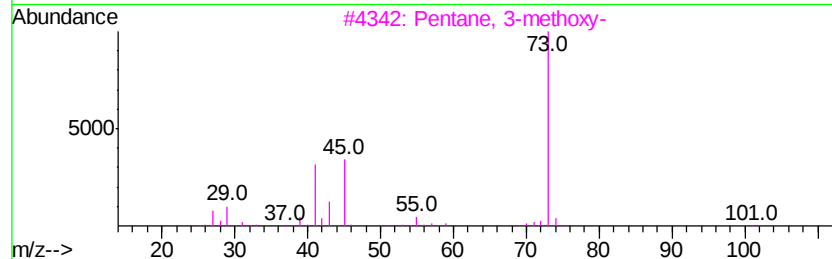
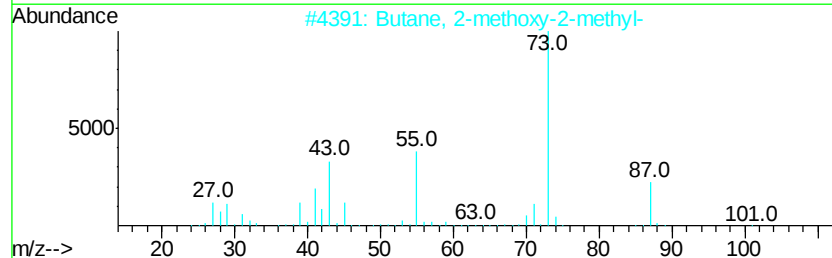
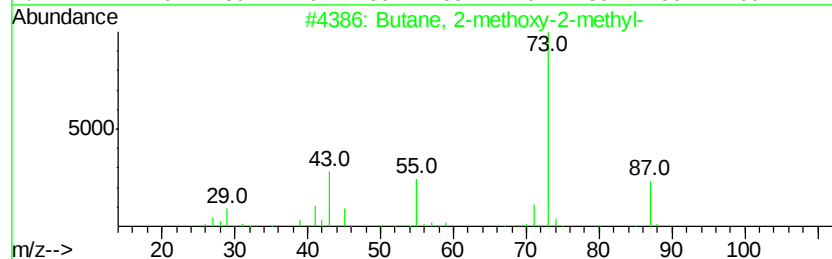
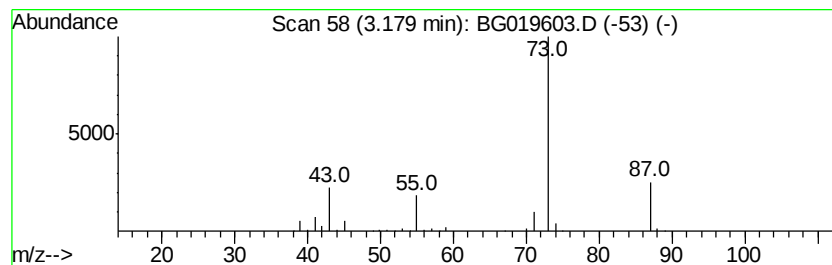
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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.
3.18	39.45 ng/ul	324948	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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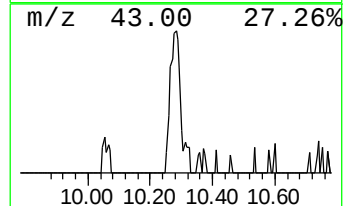
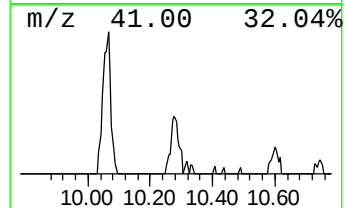
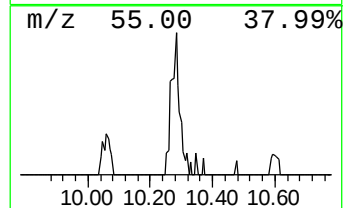
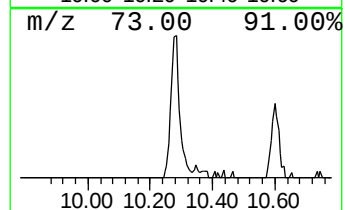
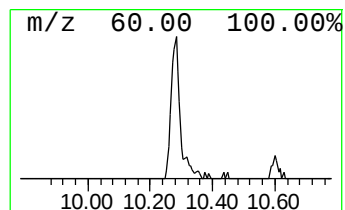
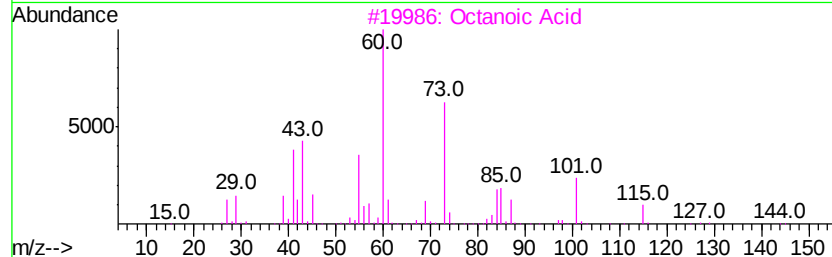
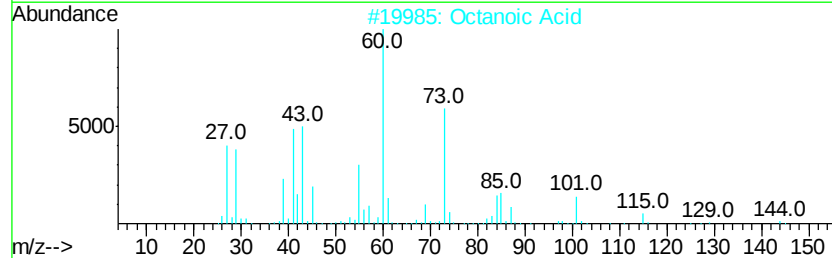
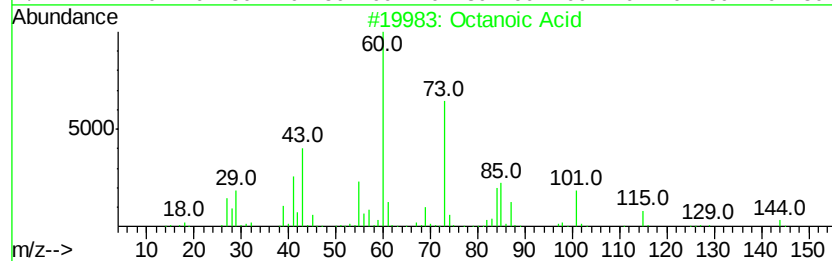
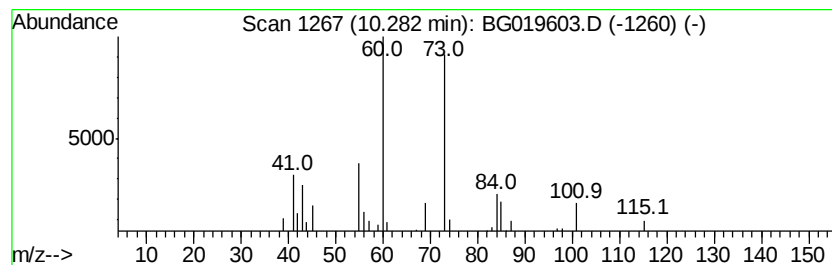
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octanoic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.27 ng/ul	40298	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic Acid	144	C8H16O2	000124-07-2	72
2		Octanoic Acid	144	C8H16O2	000124-07-2	64
3		Octanoic Acid	144	C8H16O2	000124-07-2	64
4		Hexanoic acid	116	C6H12O2	000142-62-1	50
5		Hexanoic acid	116	C6H12O2	000142-62-1	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	39.5	ng/ul	324948	1	8.16	164753	20.0
Octanoic Acid	10.28	3.3	ng/ul	40298	2	10.99	246368	20.0