

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
 Data File : BG032401.D
 Acq On : 28 Jan 2018 22:48
 Operator : SJ/JU
 Sample : J1296-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F6C30

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\SOM-EPA-BG012218.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	3.382	11	16	23	rVV2	9780	17838	1.34%	0.151%
2	3.470	23	31	45	rVB	293040	479043	35.94%	4.052%
3	3.776	78	83	89	rVB4	5124	8457	0.63%	0.072%
4	4.522	208	210	215	rVB	1713	2133	0.16%	0.018%
5	5.632	396	399	405	rBB2	1413	2522	0.19%	0.021%
6	7.824	765	772	785	rBV	101539	200074	15.01%	1.692%
7	8.006	796	803	811	rBV	66991	117442	8.81%	0.993%
8	8.229	834	841	853	rVB	110382	202751	15.21%	1.715%
9	8.723	918	925	933	rBV2	85747	158046	11.86%	1.337%
10	9.422	1037	1044	1056	rBB2	137904	254198	19.07%	2.150%
11	9.915	1118	1128	1136	rBV	101413	191038	14.33%	1.616%
12	10.004	1139	1143	1145	rBV3	1861	2493	0.19%	0.021%
13	10.274	1184	1189	1192	rBV3	4646	6304	0.47%	0.053%
14	10.656	1247	1254	1265	rBB	103032	186632	14.00%	1.579%
15	11.196	1339	1346	1358	rBV	159803	305330	22.91%	2.583%
16	11.602	1405	1415	1425	rBB	119413	224821	16.87%	1.902%
17	11.719	1428	1435	1444	rBV	147209	261160	19.59%	2.209%
18	13.147	1672	1678	1682	rBB2	2173	3653	0.27%	0.031%
19	14.146	1842	1848	1853	rBB2	2668	3733	0.28%	0.032%
20	14.733	1941	1948	1952	rBV	348920	518518	38.90%	4.386%
21	14.780	1952	1956	1962	rVB	194644	281148	21.09%	2.378%
22	15.056	1995	2003	2013	rBV	367196	600512	45.05%	5.080%
23	15.192	2022	2026	2033	rBB2	11044	14870	1.12%	0.126%
24	15.356	2046	2054	2062	rBV2	229096	378983	28.43%	3.206%
25	15.509	2073	2080	2092	rBV	135136	228068	17.11%	1.929%
26	15.732	2115	2118	2123	rVB3	1796	2678	0.20%	0.023%
27	15.809	2126	2131	2136	rBV3	3085	5005	0.38%	0.042%
28	16.091	2174	2179	2183	rBV3	5797	9084	0.68%	0.077%
29	16.138	2183	2187	2191	rVB2	16651	22486	1.69%	0.190%
30	16.337	2214	2221	2229	rBV	508536	809793	60.75%	6.850%
31	16.431	2231	2237	2245	rVB	180995	262190	19.67%	2.218%
32	16.537	2250	2255	2258	rVV2	4638	8208	0.62%	0.069%
33	16.572	2258	2261	2266	rVB4	8710	10444	0.78%	0.088%
34	16.631	2266	2271	2277	rBV5	2335	4925	0.37%	0.042%

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35	16.684	2277	2280	2285	rBV3	1702	3050	0.23%	0.026%
36	16.760	2290	2293	2297	rVB	2165	2787	0.21%	0.024%
37	16.989	2328	2332	2341	rBV3	16956	28307	2.12%	0.239%
38	17.177	2361	2364	2368	rBV	2080	2762	0.21%	0.023%
39	17.336	2386	2391	2396	rBV3	1901	3866	0.29%	0.033%
40	17.501	2413	2419	2421	rBV	2136	3409	0.26%	0.029%
41	17.671	2444	2448	2452	rBV	1774	1755	0.13%	0.015%
42	17.783	2463	2467	2471	rBV2	10699	13864	1.04%	0.117%
43	17.836	2471	2476	2479	rVV	3536	5336	0.40%	0.045%
44	17.871	2481	2482	2487	rVB	2252	2074	0.16%	0.018%
45	18.088	2511	2519	2528	rBV	360870	554477	41.60%	4.690%
46	18.188	2528	2536	2545	rBV	613448	965744	72.45%	8.169%
47	18.511	2586	2591	2595	rBV	5198	6710	0.50%	0.057%
48	18.688	2618	2621	2626	rVB2	2395	3440	0.26%	0.029%
49	18.905	2653	2658	2663	rBV2	59204	80008	6.00%	0.677%
50	18.981	2670	2671	2675	rVB2	2687	3078	0.23%	0.026%
51	19.187	2702	2706	2712	rBV4	4396	6121	0.46%	0.052%
52	19.240	2712	2715	2719	rVB3	2793	3383	0.25%	0.029%
53	19.545	2765	2767	2771	rBV	1772	2456	0.18%	0.021%
54	19.592	2771	2775	2777	rVV2	1723	2225	0.17%	0.019%
55	20.004	2840	2845	2846	rBV2	2541	3287	0.25%	0.028%
56	20.062	2851	2855	2861	rVV2	8175	13304	1.00%	0.113%
57	20.139	2863	2868	2875	rBV5	17304	26165	1.96%	0.221%
58	20.192	2875	2877	2880	rVV3	2175	2441	0.18%	0.021%
59	20.221	2880	2882	2884	rVB2	1776	1608	0.12%	0.014%
60	20.256	2884	2888	2890	rBV2	1540	1854	0.14%	0.016%
61	20.315	2894	2898	2901	rBV2	7066	9746	0.73%	0.082%
62	20.427	2909	2917	2924	rBV	835692	1244502	93.37%	10.527%
63	20.574	2939	2942	2944	rBV3	1781	2208	0.17%	0.019%
64	20.621	2947	2950	2951	rVB3	2553	1970	0.15%	0.017%
65	20.897	2994	2997	2999	rBV2	2252	2230	0.17%	0.019%
66	21.138	3035	3038	3039	rBV3	1583	1995	0.15%	0.017%
67	21.326	3068	3070	3072	rBV3	1850	1928	0.14%	0.016%
68	21.954	3172	3177	3184	rBV4	37281	67860	5.09%	0.574%
69	22.125	3202	3206	3207	rBV3	1775	1925	0.14%	0.016%
70	22.230	3222	3224	3226	rBV3	3108	2549	0.19%	0.022%
71	22.413	3248	3255	3266	rVB2	401647	747991	56.12%	6.327%

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72	23.118	3372	3375	3376	rBV3	2449	2027	0.15%	0.017%
73	23.135	3376	3378	3381	rVV4	1743	2025	0.15%	0.017%
74	23.329	3409	3411	3414	rBV3	2143	2074	0.16%	0.018%
75	23.658	3464	3467	3470	rBV3	2344	3207	0.24%	0.027%
76	24.034	3529	3531	3532	rBV2	4037	2765	0.21%	0.023%
77	24.398	3591	3593	3595	rBV3	2262	1899	0.14%	0.016%
78	24.516	3612	3613	3615	rBV2	2138	1828	0.14%	0.015%
79	24.792	3657	3660	3668	rVB7	3533	9814	0.74%	0.083%
80	24.904	3677	3679	3680	rBV	2270	1728	0.13%	0.015%
81	24.957	3686	3688	3689	rBV	5138	3569	0.27%	0.030%
82	25.838	3826	3838	3851	rBV2	424585	1332939	100.00%	11.275%
83	26.091	3868	3881	3897	rBV2	247313	801610	60.14%	6.781%
84	26.966	4028	4030	4033	rBV3	2304	2426	0.18%	0.021%
85	27.289	4083	4085	4088	rVB4	2379	1736	0.13%	0.015%
86	28.970	4359	4371	4372	rBV8	9617	25472	1.91%	0.215%
87	29.716	4496	4498	4499	rVB	2611	1715	0.13%	0.015%
88	31.173	4744	4746	4748	rBV3	2194	2079	0.16%	0.018%
89	31.531	4805	4807	4808	rBV2	2677	1613	0.12%	0.014%
90	31.584	4814	4816	4818	rBV2	2214	2491	0.19%	0.021%
91	31.619	4821	4822	4824	rBV2	2532	2079	0.16%	0.018%
92	31.690	4832	4834	4837	rVB3	3916	3479	0.26%	0.029%

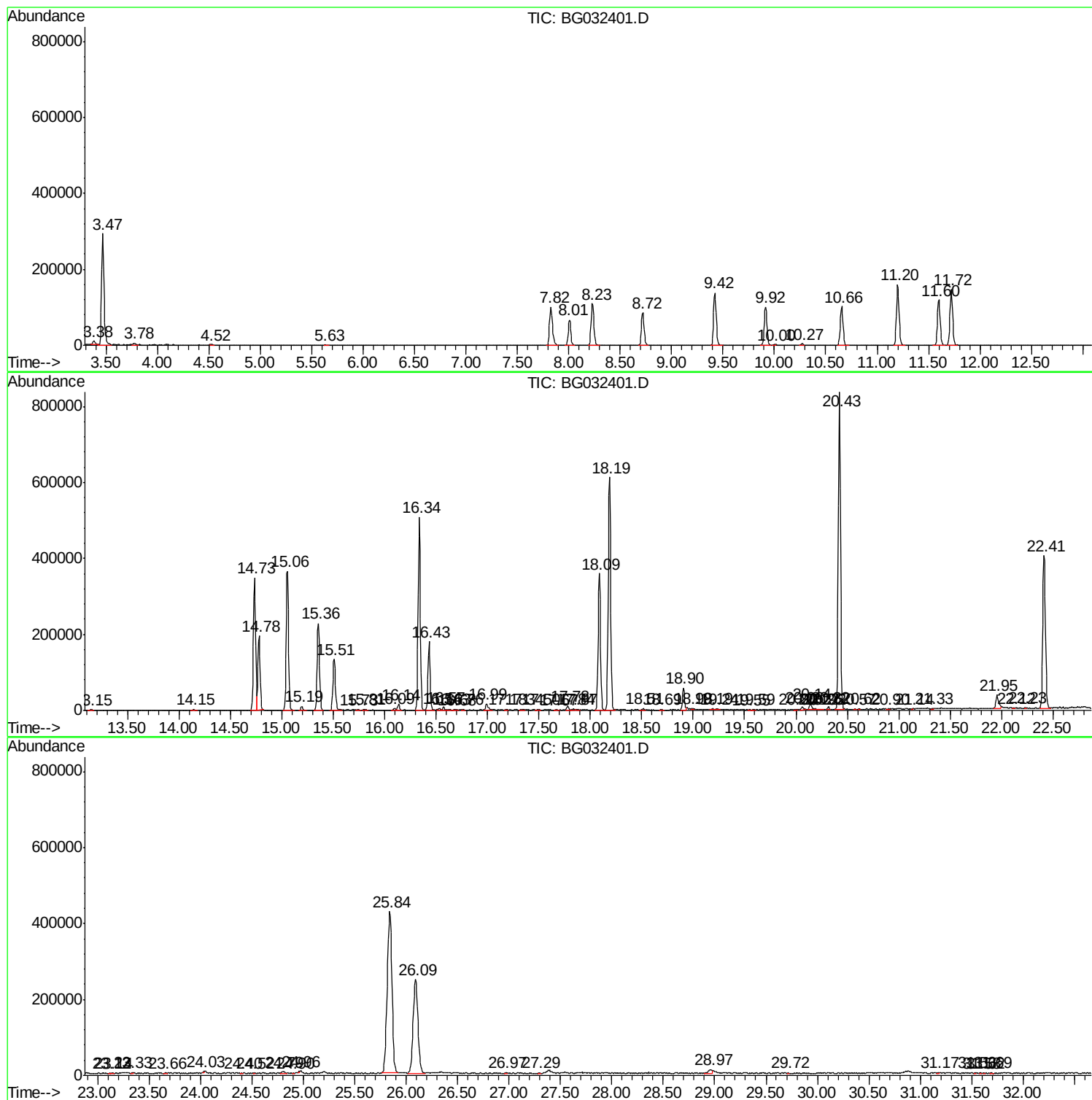
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

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



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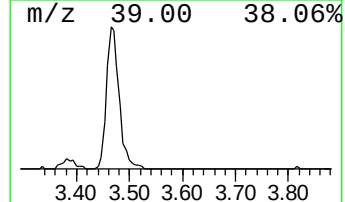
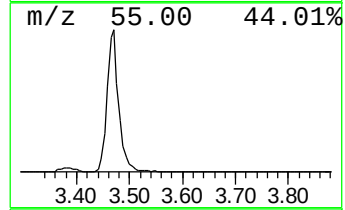
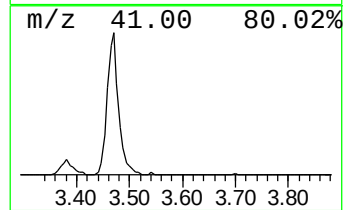
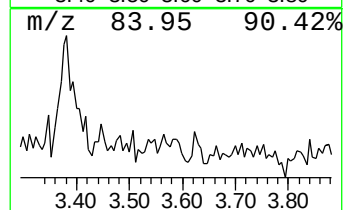
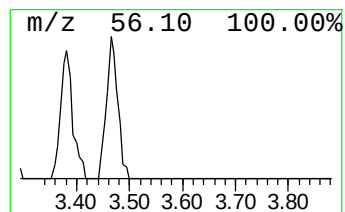
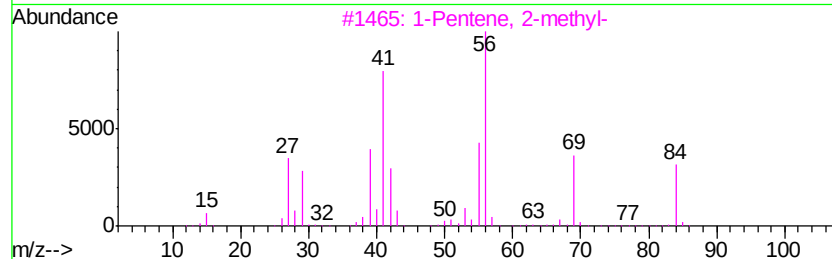
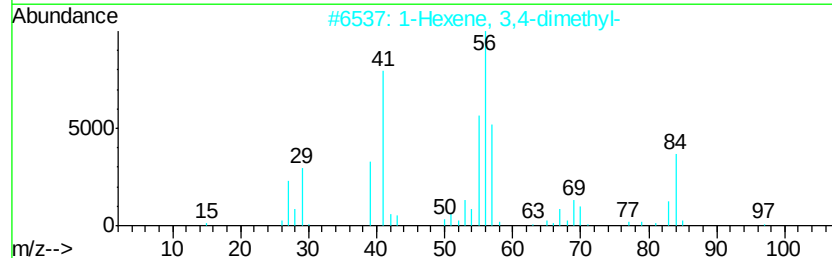
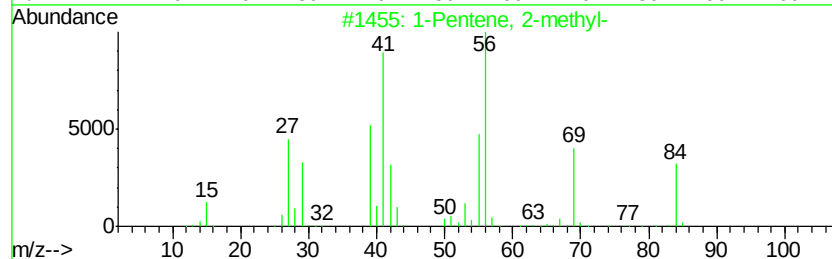
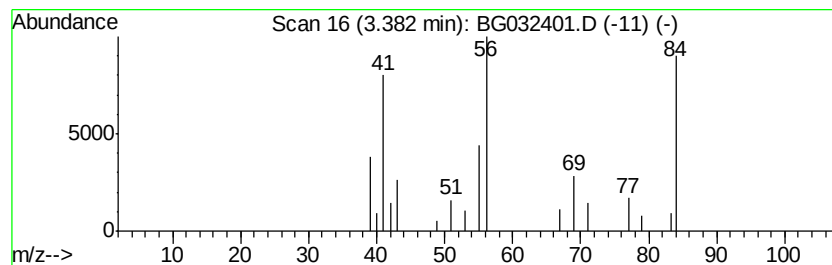
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.38 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	2.26 ng/ul	17838	1,4-Dichlorobenzene-d4	8.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
2			1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	53
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
4			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43
5			1-Propene, 2-methyl-	56	C4H8	000115-11-7	43



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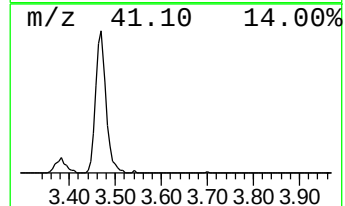
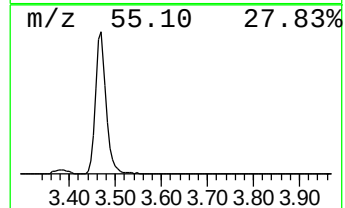
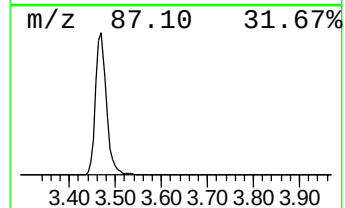
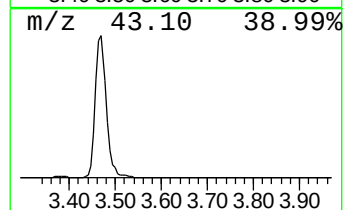
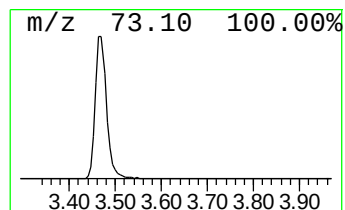
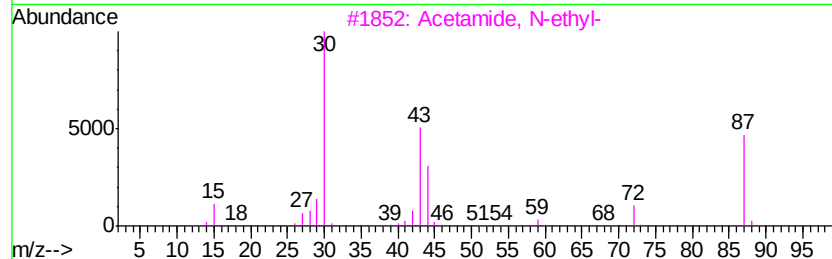
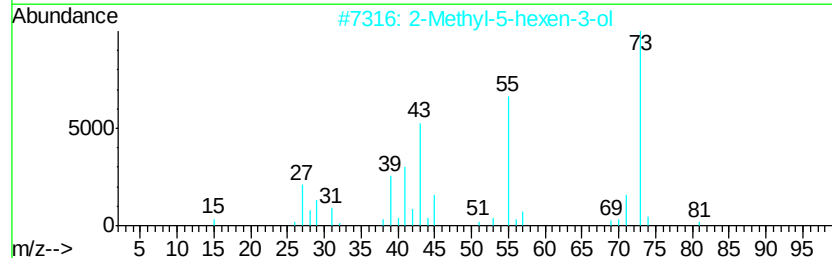
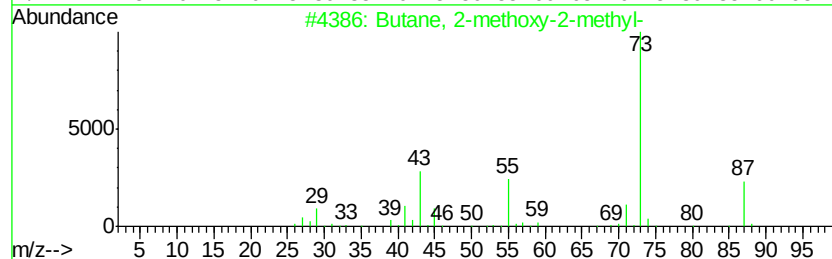
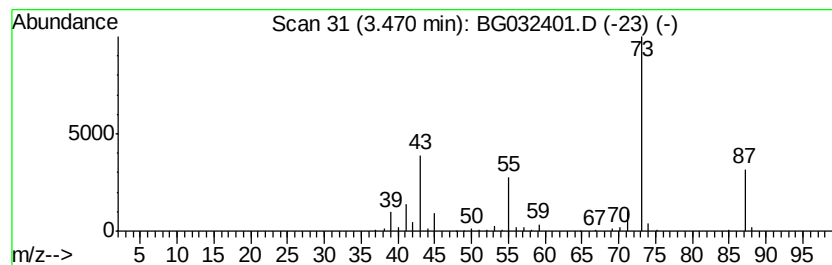
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	60.62 ng/ul	479043	1,4-Dichlorobenzene-d4	8.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	9



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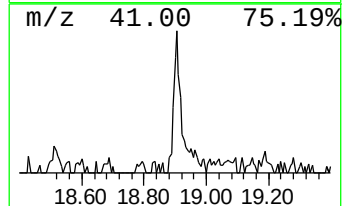
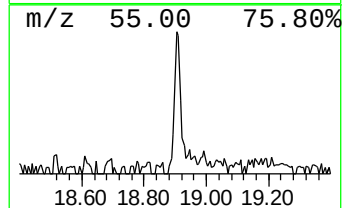
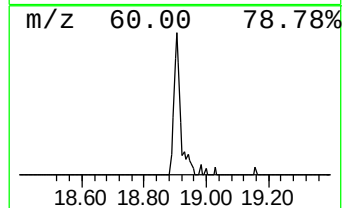
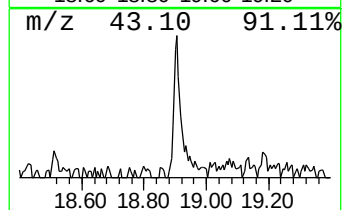
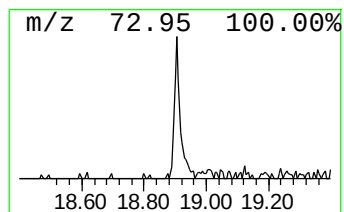
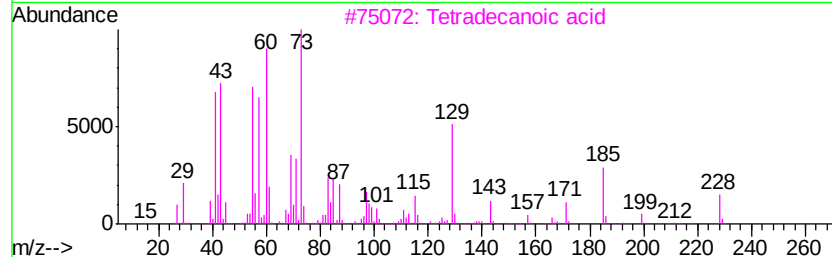
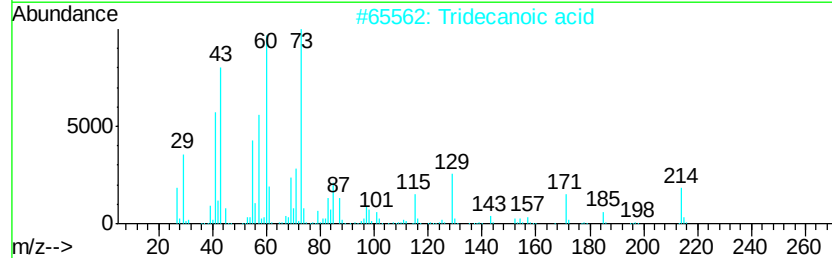
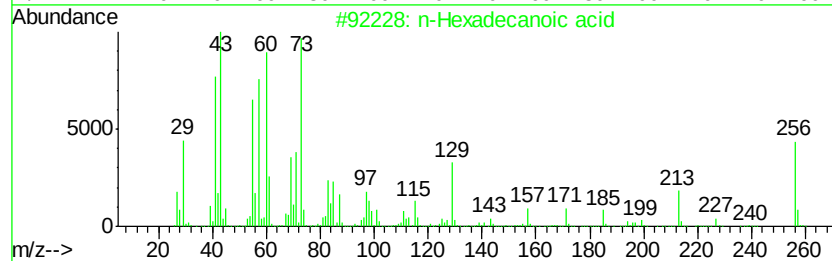
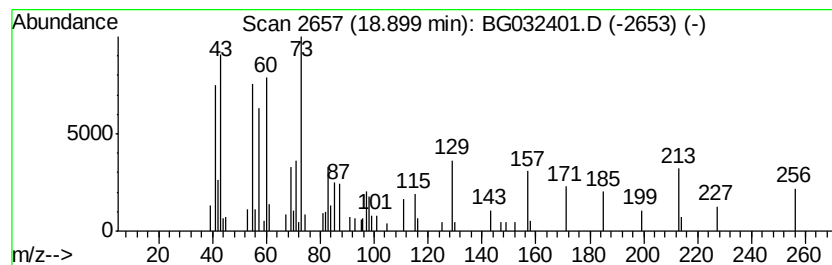
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.90	2.89 ng/ul	80008	Phenanthrene-d10	18.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2		Tridecanoic acid	214	C13H26O2	000638-53-9	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4		Tridecanoic acid	214	C13H26O2	000638-53-9	46
5		Tridecanoic acid	214	C13H26O2	000638-53-9	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.38	2.3	ng/ul	17838	1	8.72	158046	20.0
Butane, 2-methoxy...	3.47	60.6	ng/ul	479043	1	8.72	158046	20.0
n-Hexadecanoic acid	18.90	2.9	ng/ul	80008	4	18.09	554477	20.0