

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020711.D
 Acq On : 13 Jan 2016 21:41
 Operator : SJ/IZ
 Sample : H1096-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9C2

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-BG011216.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	3.053	30	36	45	rBV	57882	124035	18.32%	1.945%
2	3.129	45	49	65	rVB	129606	200647	29.64%	3.146%
3	3.405	93	96	103	rVB3	2728	3789	0.56%	0.059%
4	3.946	183	188	193	rBV2	5103	8166	1.21%	0.128%
5	4.398	261	265	269	rBV3	1677	2278	0.34%	0.036%
6	5.115	381	387	394	rVB3	3175	6086	0.90%	0.095%
7	7.201	734	742	758	rBV	45892	84391	12.47%	1.323%
8	7.359	763	769	781	rBV	37883	65860	9.73%	1.033%
9	7.571	798	805	815	rBV	50897	85731	12.67%	1.344%
10	8.041	877	885	894	rBB	55777	94298	13.93%	1.479%
11	8.752	998	1006	1017	rBV2	57764	98282	14.52%	1.541%
12	9.210	1078	1084	1094	rBV	47792	88295	13.04%	1.385%
13	9.939	1201	1208	1219	rBB2	44266	76877	11.36%	1.205%
14	10.485	1294	1301	1312	rBV	64324	118847	17.56%	1.864%
15	10.855	1356	1364	1371	rBV	78747	140052	20.69%	2.196%
16	10.996	1381	1388	1397	rBV	51056	94662	13.98%	1.484%
17	14.081	1907	1913	1917	rBV	154853	219180	32.38%	3.437%
18	14.128	1917	1921	1926	rVB	52507	73520	10.86%	1.153%
19	14.375	1956	1963	1969	rBV	167063	255138	37.69%	4.001%
20	14.551	1989	1993	1998	rBB	3711	4453	0.66%	0.070%
21	14.680	2009	2015	2022	rVB2	142273	226492	33.46%	3.552%
22	14.892	2047	2051	2066	rBV	30923	65548	9.68%	1.028%
23	15.503	2151	2155	2159	rVB2	6327	7976	1.18%	0.125%
24	15.673	2176	2184	2190	rBV	237612	355929	52.58%	5.581%
25	15.797	2200	2205	2214	rBV	59959	88400	13.06%	1.386%
26	15.908	2219	2224	2228	rVB3	3589	5608	0.83%	0.088%
27	16.361	2297	2301	2313	rBV2	6806	12933	1.91%	0.203%
28	16.701	2354	2359	2364	rBV3	1589	2731	0.40%	0.043%
29	16.772	2367	2371	2377	rVB4	1237	2441	0.36%	0.038%
30	16.960	2397	2403	2405	rBV3	1067	1732	0.26%	0.027%
31	17.089	2420	2425	2429	rBV3	927	1587	0.23%	0.025%
32	17.124	2429	2431	2434	rVV3	6604	6715	0.99%	0.105%
33	17.154	2434	2436	2441	rVB2	4601	5138	0.76%	0.081%
34	17.207	2441	2445	2449	rBV3	1790	2328	0.34%	0.037%

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35	17.424	2476	2482	2487	rBV	210695	319198	47.16%	5.005%
36	17.465	2487	2489	2494	rVV	33480	44725	6.61%	0.701%
37	17.524	2494	2499	2510	rVV2	276438	418735	61.86%	6.566%
38	17.618	2510	2515	2518	rVB3	880	1602	0.24%	0.025%
39	17.835	2546	2552	2555	rBV3	1286	1851	0.27%	0.029%
40	17.941	2567	2570	2574	rBV	2018	2840	0.42%	0.045%
41	18.012	2578	2582	2586	rVB2	2083	2714	0.40%	0.043%
42	18.300	2625	2631	2636	rBV	14899	23120	3.42%	0.363%
43	18.352	2636	2640	2646	rVB	15499	22543	3.33%	0.353%
44	18.429	2649	2653	2658	rBV2	2831	4443	0.66%	0.070%
45	18.488	2658	2663	2668	rVV3	16080	31339	4.63%	0.491%
46	18.535	2668	2671	2677	rVB	12572	15994	2.36%	0.251%
47	18.687	2694	2697	2703	rBV3	1172	2212	0.33%	0.035%
48	18.799	2710	2716	2720	rVV	7503	10725	1.58%	0.168%
49	18.846	2720	2724	2733	rVB2	8299	13278	1.96%	0.208%
50	18.916	2733	2736	2739	rBV2	1506	1963	0.29%	0.031%
51	19.040	2754	2757	2762	rVV5	4239	6325	0.93%	0.099%
52	19.093	2762	2766	2770	rVV	4271	6297	0.93%	0.099%
53	19.128	2770	2772	2776	rVB2	2648	3575	0.53%	0.056%
54	19.210	2781	2786	2791	rBV	17385	25761	3.81%	0.404%
55	19.269	2791	2796	2800	rBV7	4856	10284	1.52%	0.161%
56	19.363	2805	2812	2821	rVB7	6661	15896	2.35%	0.249%
57	19.475	2822	2831	2837	rBV	69923	104847	15.49%	1.644%
58	19.533	2837	2841	2844	rBV	2656	3847	0.57%	0.060%
59	19.575	2844	2848	2852	rVB3	5387	7763	1.15%	0.122%
60	19.680	2859	2866	2868	rBV4	3567	6175	0.91%	0.097%
61	19.710	2868	2871	2876	rVB5	2490	3942	0.58%	0.062%
62	19.810	2881	2888	2900	rBV2	372767	676892	100.00%	10.614%
63	19.909	2901	2905	2911	rVB	7299	10536	1.56%	0.165%
64	19.974	2911	2916	2917	rBV3	2261	3089	0.46%	0.048%
65	20.027	2922	2925	2929	rVB6	4090	5551	0.82%	0.087%
66	20.068	2929	2932	2939	rBV6	4124	7394	1.09%	0.116%
67	20.168	2942	2949	2957	rBV4	10806	25089	3.71%	0.393%
68	20.244	2957	2962	2965	rBV5	2413	4218	0.62%	0.066%
69	20.297	2966	2971	2972	rBV3	9088	11596	1.71%	0.182%
70	20.327	2972	2976	2984	rVB2	18053	33642	4.97%	0.528%
71	20.432	2985	2994	2998	rBV	10649	17622	2.60%	0.276%

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72	20.485	2998	3003	3007	rBV2	15321	22423	3.31%	0.352%
73	20.626	3023	3027	3031	rBV	13728	18601	2.75%	0.292%
74	20.673	3031	3035	3046	rVB2	12922	26032	3.85%	0.408%
75	20.756	3046	3049	3050	rBV3	1906	2202	0.33%	0.035%
76	20.885	3067	3071	3072	rBV3	3158	3501	0.52%	0.055%
77	20.920	3072	3077	3078	rBV4	3244	4884	0.72%	0.077%
78	21.049	3097	3099	3102	rBV4	2812	2986	0.44%	0.047%
79	21.090	3102	3106	3112	rVB2	9522	15846	2.34%	0.248%
80	21.273	3135	3137	3140	rBV3	5486	5967	0.88%	0.094%
81	21.314	3140	3144	3149	rVB3	37590	50736	7.50%	0.796%
82	21.425	3161	3163	3171	rVB3	8025	15012	2.22%	0.235%
83	21.555	3183	3185	3186	rBV2	3735	2432	0.36%	0.038%
84	21.701	3201	3210	3215	rBV2	270184	502045	74.17%	7.872%
85	21.743	3215	3217	3225	rVB	40702	62173	9.19%	0.975%
86	21.837	3231	3233	3235	rBV3	3508	3681	0.54%	0.058%
87	21.978	3255	3257	3260	rBV4	3236	3833	0.57%	0.060%
88	22.107	3276	3279	3287	rBV8	4142	7388	1.09%	0.116%
89	22.172	3287	3290	3292	rBV3	3530	5087	0.75%	0.080%
90	22.436	3325	3335	3338	rBV	13351	30475	4.50%	0.478%
91	22.495	3341	3345	3355	rVB5	20255	45473	6.72%	0.713%
92	22.706	3378	3381	3387	rBV4	5885	8607	1.27%	0.135%
93	23.159	3452	3458	3462	rBV7	5746	10336	1.53%	0.162%
94	23.811	3566	3569	3570	rVV3	2245	2222	0.33%	0.035%
95	23.917	3581	3587	3591	rBV3	20428	51211	7.57%	0.803%
96	24.651	3705	3712	3715	rBV	12999	29021	4.29%	0.455%
97	24.727	3716	3725	3733	rVV	189771	477354	70.52%	7.485%
98	24.945	3750	3762	3774	rBV2	133994	393142	58.08%	6.165%
99	26.032	3941	3947	3957	rVB5	11871	34743	5.13%	0.545%
100	28.164	4309	4310	4312	rBV2	2093	2074	0.31%	0.033%

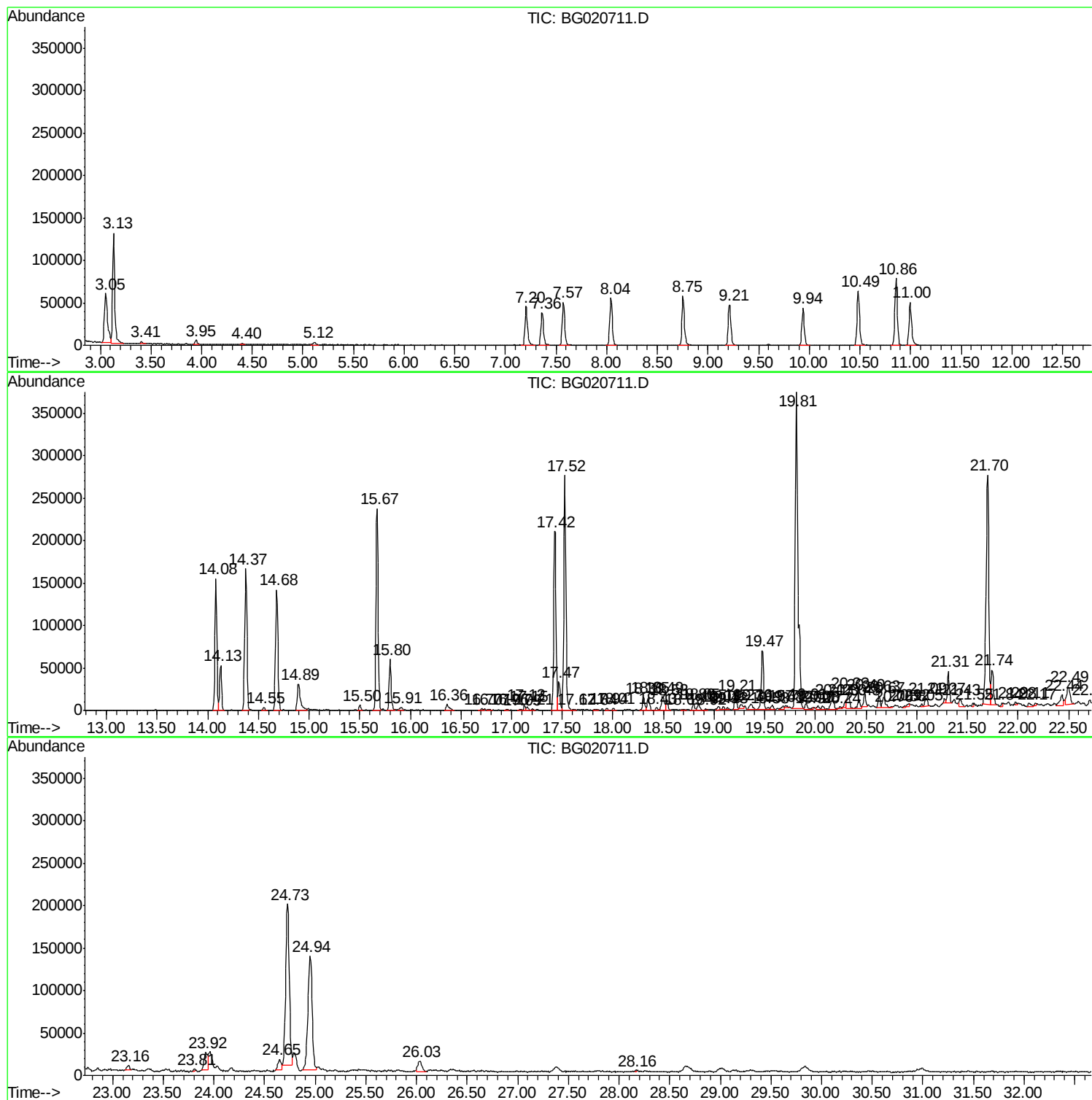
Sum of corrected areas: 6377255

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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



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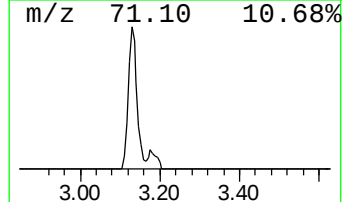
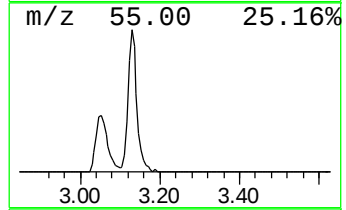
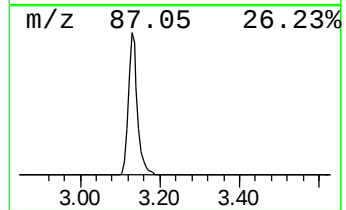
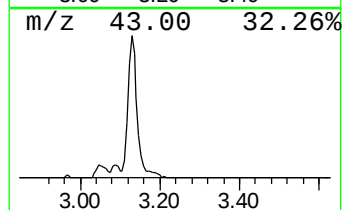
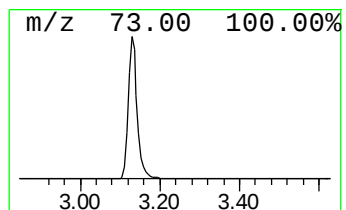
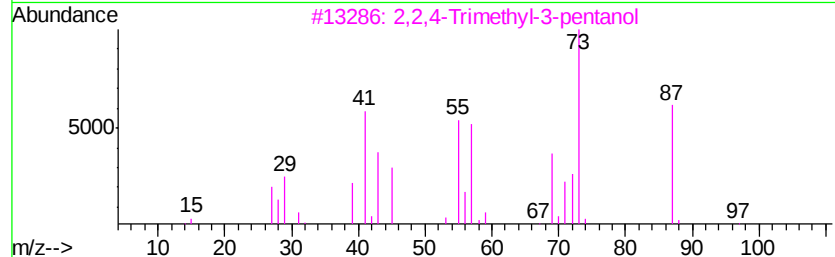
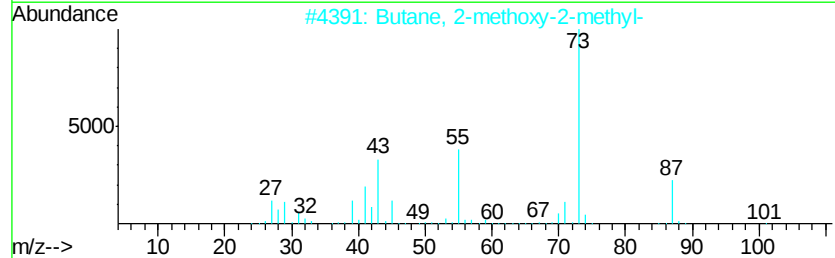
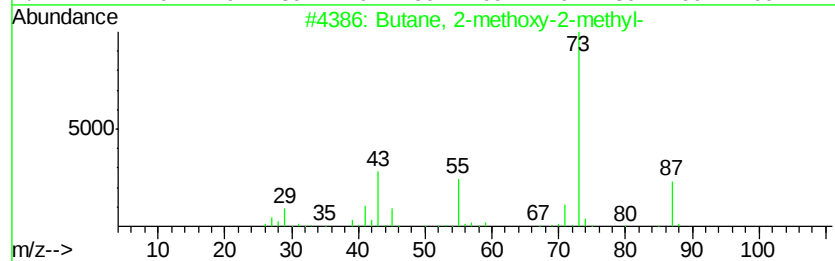
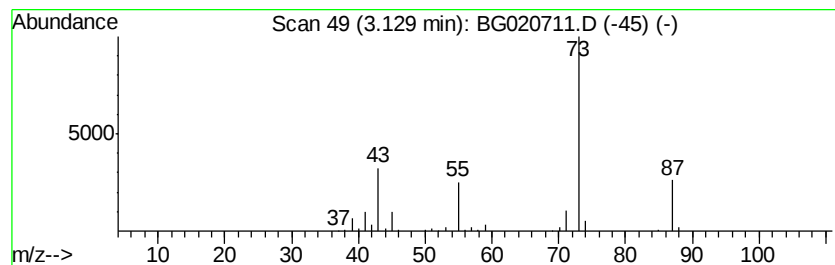
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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.
3.13	42.56 ng/ul	200647	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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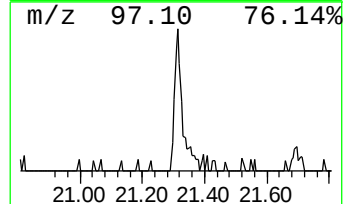
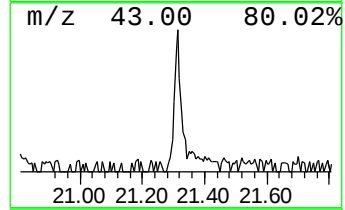
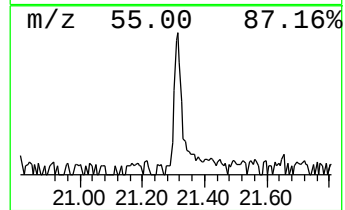
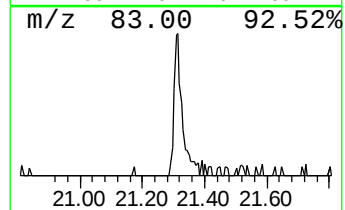
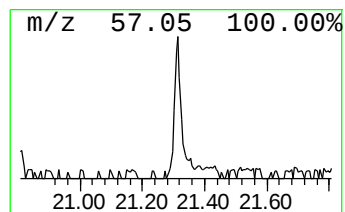
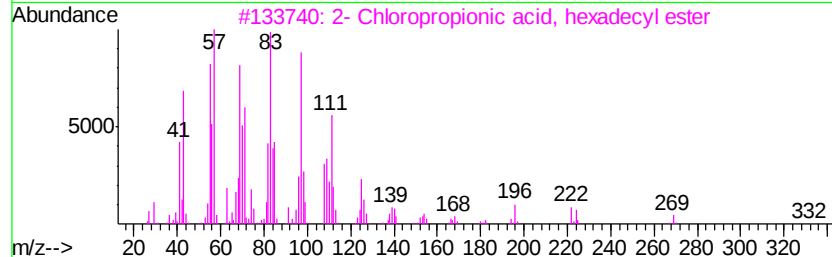
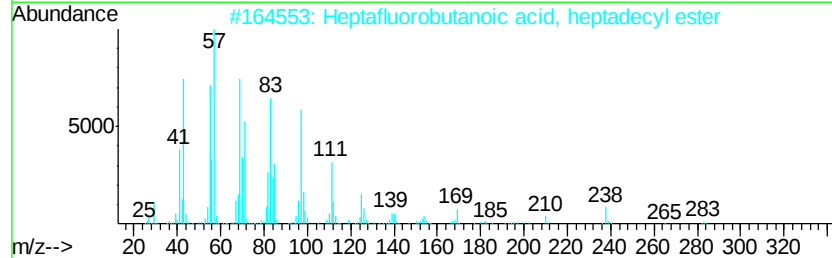
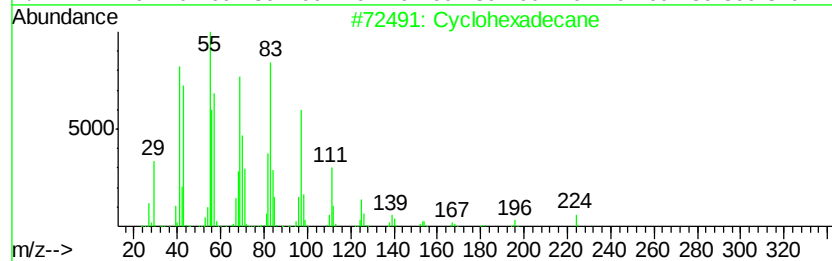
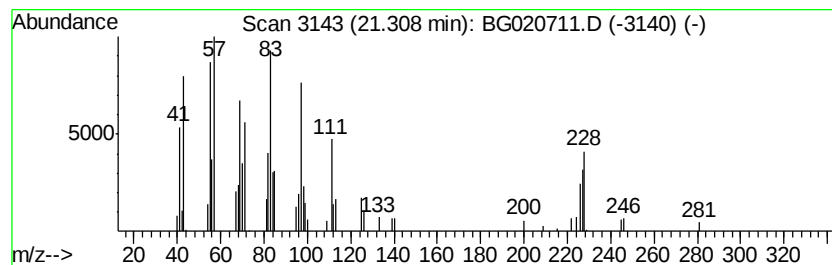
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.31	2.02 ng/ul	50736	Chrysene-d12	21.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Heptafluorobutanoic acid, heptadecanoic acid	452	C21H35F7O2	1000282-97-3	90
3	2- Chloropropionic acid, hexadecanoic acid	332	C19H37ClO2	086711-81-1	83
4	2- Chloropropionic acid, octadecanoic acid	360	C21H41ClO2	088104-31-8	78
5	Heptafluorobutyric acid, n-octadecanoic acid	466	C22H37F7O2	000400-57-7	60



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	42.6	ng/ul	200647	1	8.05	94298	20.0
(DEL) Alkane: Str...	21.31	2.0	ng/ul	50736	5	21.70	502045	20.0