

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111615\
 Data File : BG019647.D
 Acq On : 16 Nov 2015 23:08
 Operator : UM/NP
 Sample : G4323-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4HT4

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-BG111615.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	3.084	37	42	51	rBV	31259	57198	4.57%	0.432%
2	3.166	51	56	70	rVB	337337	466477	37.25%	3.525%
3	3.442	99	103	110	rVB3	6230	9717	0.78%	0.073%
4	3.736	149	153	155	rBV2	1905	2806	0.22%	0.021%
5	4.318	248	252	254	rBV	1498	2249	0.18%	0.017%
6	5.187	395	400	404	rBV2	2597	5578	0.45%	0.042%
7	6.504	621	624	627	rBV4	1389	1688	0.13%	0.013%
8	7.291	751	758	772	rVB	124849	230192	18.38%	1.740%
9	7.461	781	787	794	rVB	107896	170991	13.65%	1.292%
10	7.673	817	823	831	rBV	122243	206710	16.50%	1.562%
11	8.149	898	904	912	rBV	106714	174571	13.94%	1.319%
12	8.854	1017	1024	1033	rBV	157063	259383	20.71%	1.960%
13	9.318	1096	1103	1111	rBV	136123	242273	19.34%	1.831%
14	9.424	1119	1121	1127	rBV2	1246	2053	0.16%	0.016%
15	9.712	1167	1170	1173	rVB	2023	2256	0.18%	0.017%
16	10.046	1220	1227	1237	rVB	120004	215178	17.18%	1.626%
17	10.593	1313	1320	1328	rBV	175203	300372	23.98%	2.270%
18	10.975	1379	1385	1394	rBV	147169	267613	21.37%	2.022%
19	11.110	1401	1408	1418	rBV	151870	276840	22.10%	2.092%
20	12.555	1650	1654	1657	rBV	2715	3827	0.31%	0.029%
21	12.649	1664	1670	1675	rVB4	7872	12875	1.03%	0.097%
22	13.143	1749	1754	1758	rVB3	2318	3371	0.27%	0.025%
23	13.384	1792	1795	1800	rVB3	3824	5043	0.40%	0.038%
24	13.589	1827	1830	1834	rBV	2092	2773	0.22%	0.021%
25	14.177	1924	1930	1934	rBV	405742	585993	46.79%	4.428%
26	14.224	1934	1938	1944	rVB	276473	376028	30.02%	2.842%
27	14.477	1974	1981	1988	rBV	372352	581363	46.42%	4.393%
28	14.653	2005	2011	2017	rBV	8512	10463	0.84%	0.079%
29	14.782	2027	2033	2041	rVB2	288377	464256	37.07%	3.508%
30	14.970	2058	2065	2078	rBV	200225	321858	25.70%	2.432%
31	15.270	2111	2116	2118	rBV3	1708	2011	0.16%	0.015%
32	15.558	2157	2165	2168	rBV	5888	9064	0.72%	0.068%
33	15.599	2168	2172	2178	rVB	14557	19470	1.55%	0.147%
34	15.669	2178	2184	2187	rBV3	1672	3009	0.24%	0.023%

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35	15.769	2195	2201	2211	rBV	553143	804199	64.21%	6.077%
36	15.881	2214	2220	2231	rBV	223271	320507	25.59%	2.422%
37	16.004	2233	2241	2245	rBV5	10485	18947	1.51%	0.143%
38	16.151	2263	2266	2268	rBV3	2260	2531	0.20%	0.019%
39	16.216	2274	2277	2281	rBV5	3049	3731	0.30%	0.028%
40	16.421	2306	2312	2313	rBV2	2051	3509	0.28%	0.027%
41	16.457	2313	2318	2322	rBV3	19297	29050	2.32%	0.220%
42	16.645	2346	2350	2353	rVB4	4432	4909	0.39%	0.037%
43	16.721	2361	2363	2368	rVB3	3531	4131	0.33%	0.031%
44	16.797	2373	2376	2378	rBV3	3096	3435	0.27%	0.026%
45	16.897	2389	2393	2395	rBV2	4618	4428	0.35%	0.033%
46	16.968	2400	2405	2408	rBV4	4401	6266	0.50%	0.047%
47	17.032	2413	2416	2420	rBV4	2843	4394	0.35%	0.033%
48	17.250	2448	2453	2457	rVB2	26540	30927	2.47%	0.234%
49	17.303	2457	2462	2467	rBV4	6939	11951	0.95%	0.090%
50	17.526	2491	2500	2505	rBV	459530	722915	57.72%	5.463%
51	17.573	2505	2508	2510	rVV2	9224	10973	0.88%	0.083%
52	17.620	2510	2516	2524	rVB2	655600	996262	79.55%	7.529%
53	17.726	2531	2534	2537	rBV4	2136	3041	0.24%	0.023%
54	17.784	2541	2544	2546	rBV3	3325	4747	0.38%	0.036%
55	17.873	2553	2559	2561	rBV6	3414	6503	0.52%	0.049%
56	17.914	2563	2566	2569	rVB4	3117	4642	0.37%	0.035%
57	17.984	2569	2578	2584	rBV2	24755	38175	3.05%	0.288%
58	18.149	2605	2606	2608	rBV2	2080	2028	0.16%	0.015%
59	18.290	2622	2630	2636	rBV4	8495	16400	1.31%	0.124%
60	18.384	2642	2646	2652	rVB2	20174	27442	2.19%	0.207%
61	18.672	2692	2695	2700	rBV3	8337	11681	0.93%	0.088%
62	18.895	2728	2733	2738	rBV4	6605	10161	0.81%	0.077%
63	19.024	2753	2755	2760	rVB4	1901	1790	0.14%	0.014%
64	19.106	2768	2769	2773	rBV4	1451	1982	0.16%	0.015%
65	19.148	2773	2776	2780	rVV2	2874	4135	0.33%	0.031%
66	19.230	2788	2790	2796	rVB4	5829	6724	0.54%	0.051%
67	19.300	2799	2802	2808	rVB4	4201	5961	0.48%	0.045%
68	19.529	2837	2841	2845	rBV2	8486	12783	1.02%	0.097%
69	19.647	2857	2861	2866	rBV3	7813	12293	0.98%	0.093%
70	19.782	2881	2884	2891	rVB2	9328	16400	1.31%	0.124%
71	19.829	2891	2892	2896	rBV3	2102	2551	0.20%	0.019%

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72	19.894	2896	2903	2913	rVV	863817	1252410	100.00%	9.464%
73	19.964	2913	2915	2920	rVB4	3073	4206	0.34%	0.032%
74	20.011	2920	2923	2927	rBV3	2279	3274	0.26%	0.025%
75	20.364	2980	2983	2986	rBV3	2281	2787	0.22%	0.021%
76	20.440	2994	2996	2998	rBV3	1908	1819	0.15%	0.014%
77	20.752	3048	3049	3052	rBV3	2198	2188	0.17%	0.017%
78	21.398	3154	3159	3170	rBV	63213	106793	8.53%	0.807%
79	21.791	3219	3226	3234	rBV	652229	1062384	84.83%	8.028%
80	23.290	3475	3481	3485	rVB7	16068	32582	2.60%	0.246%
81	23.454	3507	3509	3511	rBV2	2687	2195	0.18%	0.017%
82	23.942	3590	3592	3597	rVB4	6388	8626	0.69%	0.065%
83	24.071	3612	3614	3615	rBV2	2770	2673	0.21%	0.020%
84	24.112	3619	3621	3627	rVB4	10626	19122	1.53%	0.145%
85	24.882	3741	3752	3765	rBV	448897	1229759	98.19%	9.293%
86	25.105	3779	3790	3806	rVB2	357844	1029234	82.18%	7.778%
87	30.799	4758	4759	4761	rVB2	4571	2506	0.20%	0.019%
88	31.651	4902	4904	4907	rBV4	2574	2530	0.20%	0.019%

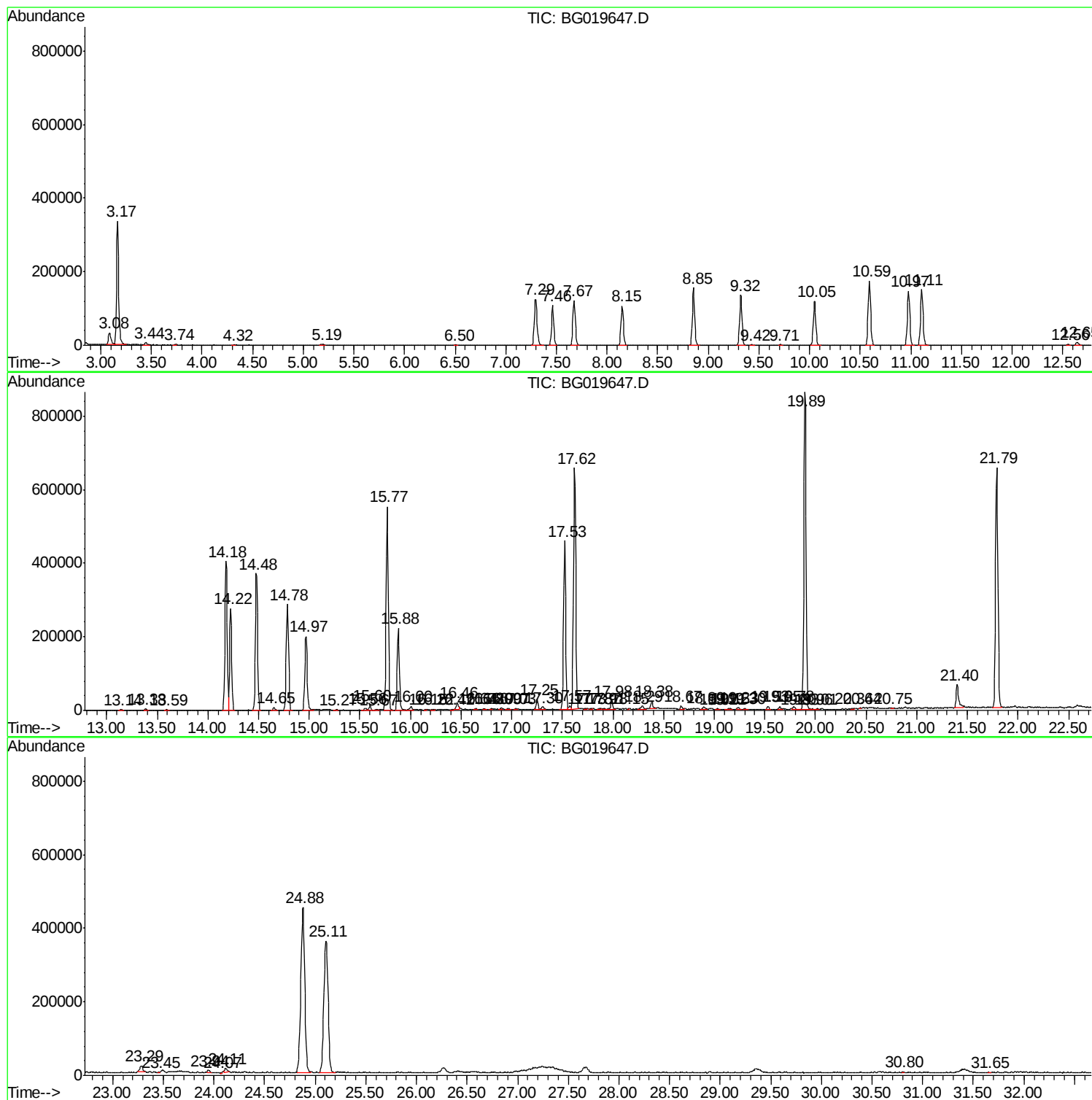
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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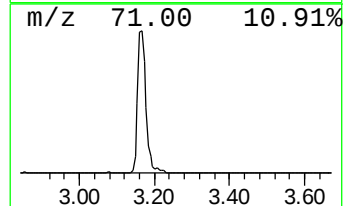
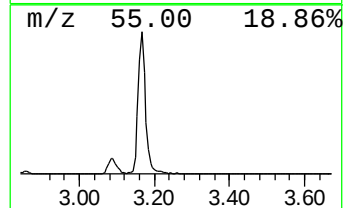
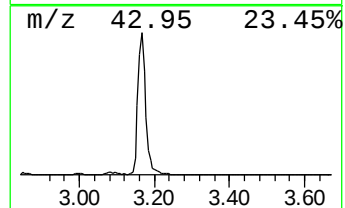
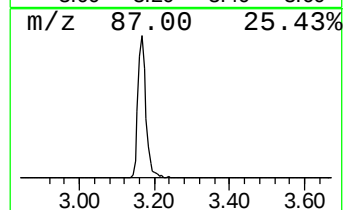
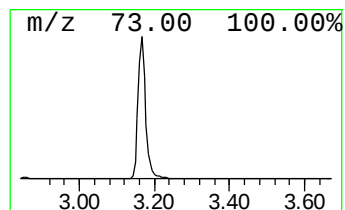
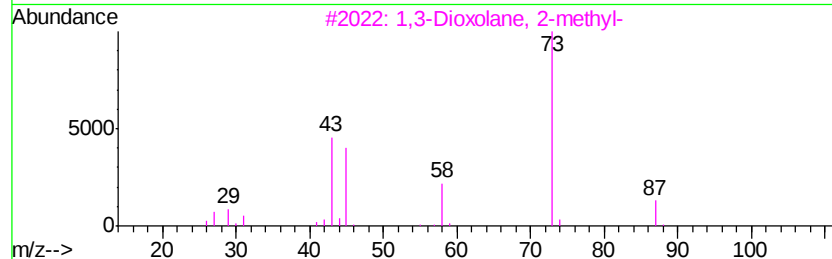
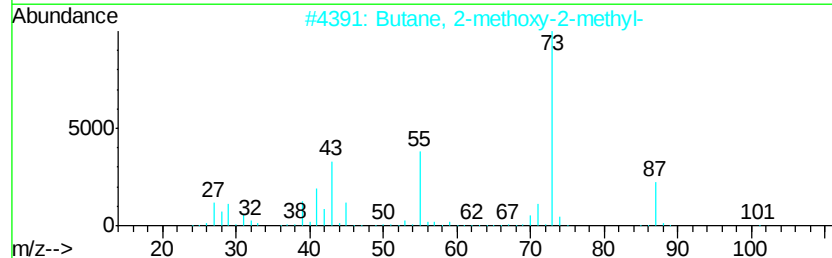
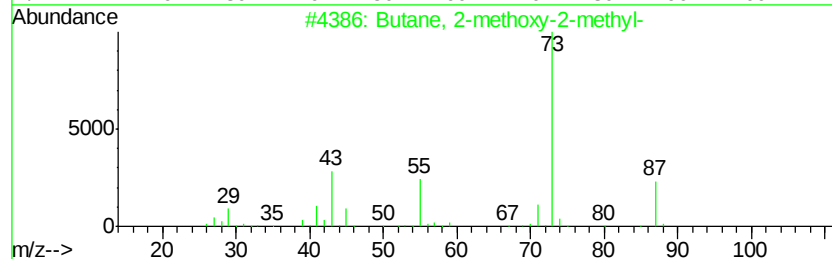
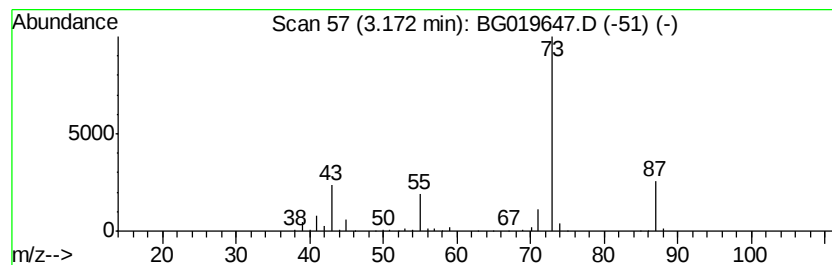
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.17	53.44 ng/ul	466477	1,4-Dichlorobenzene-d4	8.15

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	78
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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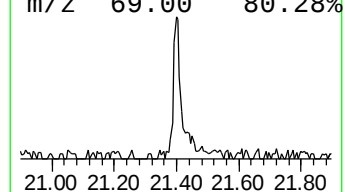
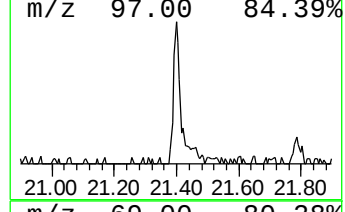
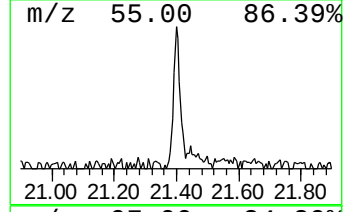
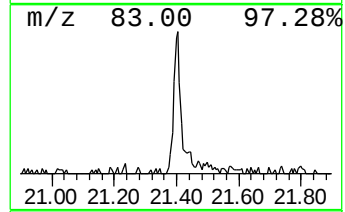
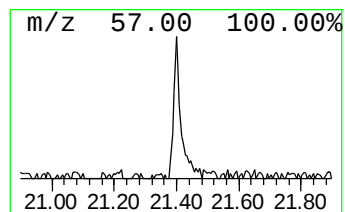
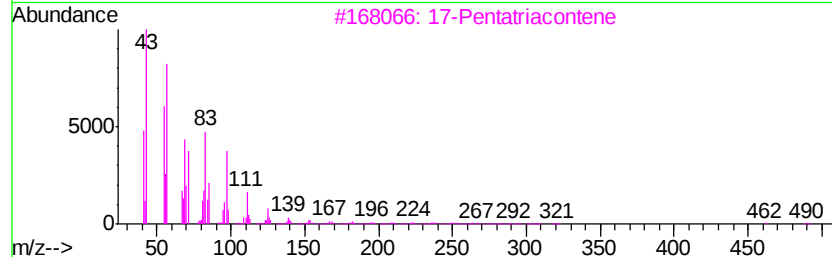
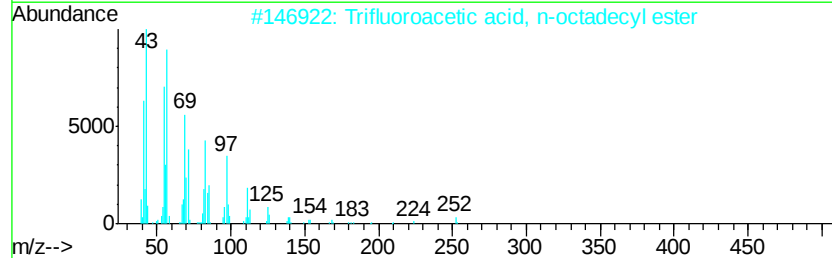
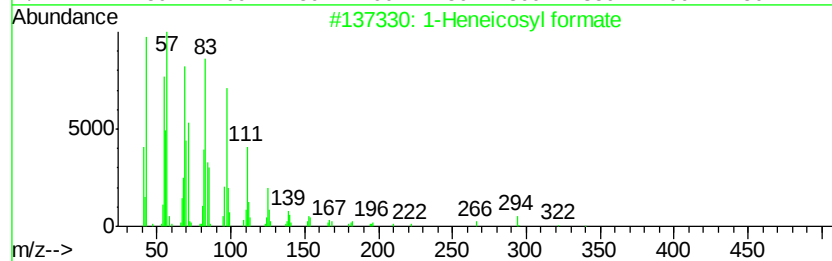
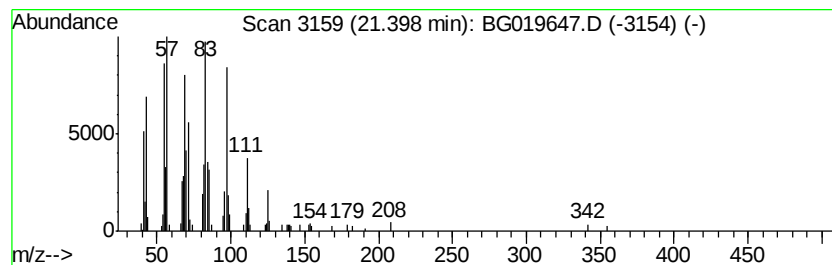
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.01 ng/ul	106793	Chrysene-d12	21.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	53.4	ng/ul	466477	1	8.15	174571	20.0
1-Heneicosyl formate	21.40	2.0	ng/ul	106793	5	21.79	1062380	20.0