

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
 Data File : BG021263.D
 Acq On : 4 Mar 2016 10:03
 Operator : UM/SJ
 Sample : H1583-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9R50

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-BG030316.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	3.192	55	60	69	rBV	32065	61509	18.75%	1.866%
2	3.268	69	73	82	rVB	14526	21447	6.54%	0.651%
3	3.351	85	87	92	rVB3	540	751	0.23%	0.023%
4	3.568	122	124	129	rVB2	606	585	0.18%	0.018%
5	4.379	260	262	264	rVB2	605	490	0.15%	0.015%
6	4.408	264	267	270	rBV	561	807	0.25%	0.024%
7	4.661	305	310	314	rVV	354	669	0.20%	0.020%
8	4.784	328	331	334	rVB	434	462	0.14%	0.014%
9	4.890	348	349	355	rBV	360	503	0.15%	0.015%
10	5.231	403	407	409	rBV	494	674	0.21%	0.020%
11	5.278	412	415	417	rVB	509	603	0.18%	0.018%
12	7.281	750	756	765	rBB2	8568	14455	4.41%	0.438%
13	7.452	779	785	792	rBB	37069	59878	18.25%	1.816%
14	7.657	814	820	827	rBB	36200	60316	18.38%	1.829%
15	8.127	895	900	907	rBB	40456	67661	20.62%	2.052%
16	8.821	1013	1018	1025	rBB2	27237	44570	13.58%	1.352%
17	9.291	1091	1098	1107	rBB	50266	88107	26.85%	2.672%
18	9.379	1110	1113	1117	rBB2	1274	1635	0.50%	0.050%
19	10.014	1214	1221	1228	rBB2	44051	74941	22.84%	2.273%
20	10.548	1306	1312	1321	rBB	56436	93866	28.61%	2.847%
21	10.936	1371	1378	1387	rBB	61958	107273	32.69%	3.254%
22	11.071	1398	1401	1402	rBV	454	490	0.15%	0.015%
23	12.505	1643	1645	1648	rBB2	596	553	0.17%	0.017%
24	13.345	1784	1788	1790	rBB2	495	572	0.17%	0.017%
25	13.621	1832	1835	1839	rBB	1846	2319	0.71%	0.070%
26	14.138	1917	1923	1928	rBV	123977	171989	52.42%	5.217%
27	14.185	1928	1931	1936	rVB	19536	25628	7.81%	0.777%
28	14.432	1967	1973	1982	rVB	128763	196744	59.96%	5.967%
29	14.614	2002	2004	2006	rBB	965	859	0.26%	0.026%
30	14.737	2019	2025	2032	rBB2	96815	147179	44.86%	4.464%
31	14.914	2051	2055	2063	rVV2	7194	12781	3.90%	0.388%
32	15.519	2154	2158	2161	rVB	840	1227	0.37%	0.037%
33	15.560	2161	2165	2168	rBV	3633	3577	1.09%	0.108%
34	15.724	2187	2193	2200	rVB	169560	249656	76.09%	7.572%

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35	15.830	2206	2211	2217	rBV	66230	93284	28.43%	2.829%
36	15.965	2228	2234	2239	rBB	1510	2392	0.73%	0.073%
37	16.418	2307	2311	2315	rBV	4286	6209	1.89%	0.188%
38	16.447	2315	2316	2319	rVB2	1710	1365	0.42%	0.041%
39	16.541	2329	2332	2337	rBB	1561	1873	0.57%	0.057%
40	16.600	2338	2342	2349	rBB3	2139	2905	0.89%	0.088%
41	16.659	2350	2352	2357	rBB3	1445	1692	0.52%	0.051%
42	16.712	2357	2361	2363	rBB2	906	793	0.24%	0.024%
43	16.753	2365	2368	2370	rBV	537	640	0.20%	0.019%
44	16.782	2372	2373	2376	rVB	658	561	0.17%	0.017%
45	16.811	2376	2378	2379	rBV	722	496	0.15%	0.015%
46	16.864	2382	2387	2393	rBB2	1176	2006	0.61%	0.061%
47	16.923	2393	2397	2402	rBV	1841	2749	0.84%	0.083%
48	16.999	2405	2410	2416	rBB	707	1542	0.47%	0.047%
49	17.205	2442	2445	2450	rBV3	3874	4729	1.44%	0.143%
50	17.264	2450	2455	2458	rVB3	1210	1961	0.60%	0.059%
51	17.475	2485	2491	2497	rBV	126238	185296	56.47%	5.620%
52	17.575	2501	2508	2515	rVB	191810	280744	85.56%	8.515%
53	17.740	2533	2536	2539	rBV	623	769	0.23%	0.023%
54	17.945	2566	2571	2574	rVB3	1998	2691	0.82%	0.082%
55	18.339	2634	2638	2643	rBV	14644	18511	5.64%	0.561%
56	18.380	2643	2645	2649	rVV2	902	1217	0.37%	0.037%
57	18.421	2649	2652	2655	rVV2	691	675	0.21%	0.020%
58	18.633	2685	2688	2692	rVB	1069	1244	0.38%	0.038%
59	18.827	2716	2721	2723	rVB	604	625	0.19%	0.019%
60	19.021	2750	2754	2756	rBV	504	718	0.22%	0.022%
61	19.097	2761	2767	2768	rVB	829	826	0.25%	0.025%
62	19.120	2768	2771	2774	rBV	540	888	0.27%	0.027%
63	19.214	2785	2787	2789	rBV2	499	475	0.14%	0.014%
64	19.238	2789	2791	2794	rBV2	456	610	0.19%	0.019%
65	19.261	2794	2795	2798	rVB	890	807	0.25%	0.024%
66	19.297	2798	2801	2804	rBV3	959	1056	0.32%	0.032%
67	19.361	2810	2812	2815	rBV4	566	645	0.20%	0.020%
68	19.461	2827	2829	2830	rBV	717	731	0.22%	0.022%
69	19.485	2830	2833	2837	rVB2	2314	2847	0.87%	0.086%
70	19.549	2842	2844	2847	rBV3	599	642	0.20%	0.019%
71	19.579	2847	2849	2850	rBV	1017	903	0.28%	0.027%

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72	19.602	2850	2853	2861	rVB3	11481	14220	4.33%	0.431%
73	19.708	2869	2871	2873	rBV2	819	623	0.19%	0.019%
74	19.737	2873	2876	2879	rBV3	1816	1856	0.57%	0.056%
75	19.849	2888	2895	2902	rBV	228374	328111	100.00%	9.952%
76	19.943	2908	2911	2913	rBV2	946	1189	0.36%	0.036%
77	19.967	2913	2915	2917	rVV3	672	640	0.20%	0.019%
78	20.102	2936	2938	2940	rBV	748	574	0.17%	0.017%
79	20.237	2958	2961	2963	rBV4	1181	1355	0.41%	0.041%
80	20.254	2963	2964	2966	rVV2	836	487	0.15%	0.015%
81	20.296	2969	2971	2973	rBV3	855	962	0.29%	0.029%
82	20.331	2974	2977	2979	rBV4	1134	1413	0.43%	0.043%
83	20.742	3046	3047	3049	rBV2	1688	1308	0.40%	0.040%
84	20.842	3062	3064	3065	rBV2	1552	1147	0.35%	0.035%
85	20.965	3083	3085	3088	rBV3	1845	2070	0.63%	0.063%
86	21.200	3123	3125	3127	rBV2	2211	1630	0.50%	0.049%
87	21.359	3147	3152	3160	rBV5	15899	26126	7.96%	0.792%
88	21.582	3188	3190	3191	rBV2	2464	1756	0.54%	0.053%
89	21.735	3210	3216	3223	rVB	143308	222852	67.92%	6.759%
90	22.287	3308	3310	3312	rVB3	2252	1067	0.33%	0.032%
91	23.157	3456	3458	3460	rBV3	2337	2072	0.63%	0.063%
92	24.038	3600	3608	3613	rBV7	6263	13786	4.20%	0.418%
93	24.591	3700	3702	3703	rBV2	2246	1806	0.55%	0.055%
94	24.767	3722	3732	3742	rBV	114689	301721	91.96%	9.151%
95	24.990	3760	3770	3781	rBV3	79989	219886	67.02%	6.669%
96	27.270	4156	4158	4159	rBV2	1874	998	0.30%	0.030%
97	28.210	4317	4318	4319	rBV	1984	739	0.23%	0.022%
98	29.332	4508	4509	4512	rVB3	2413	1032	0.31%	0.031%
99	29.614	4555	4557	4558	rVB	2362	1292	0.39%	0.039%
100	30.548	4714	4716	4719	rBV4	1970	1391	0.42%	0.042%

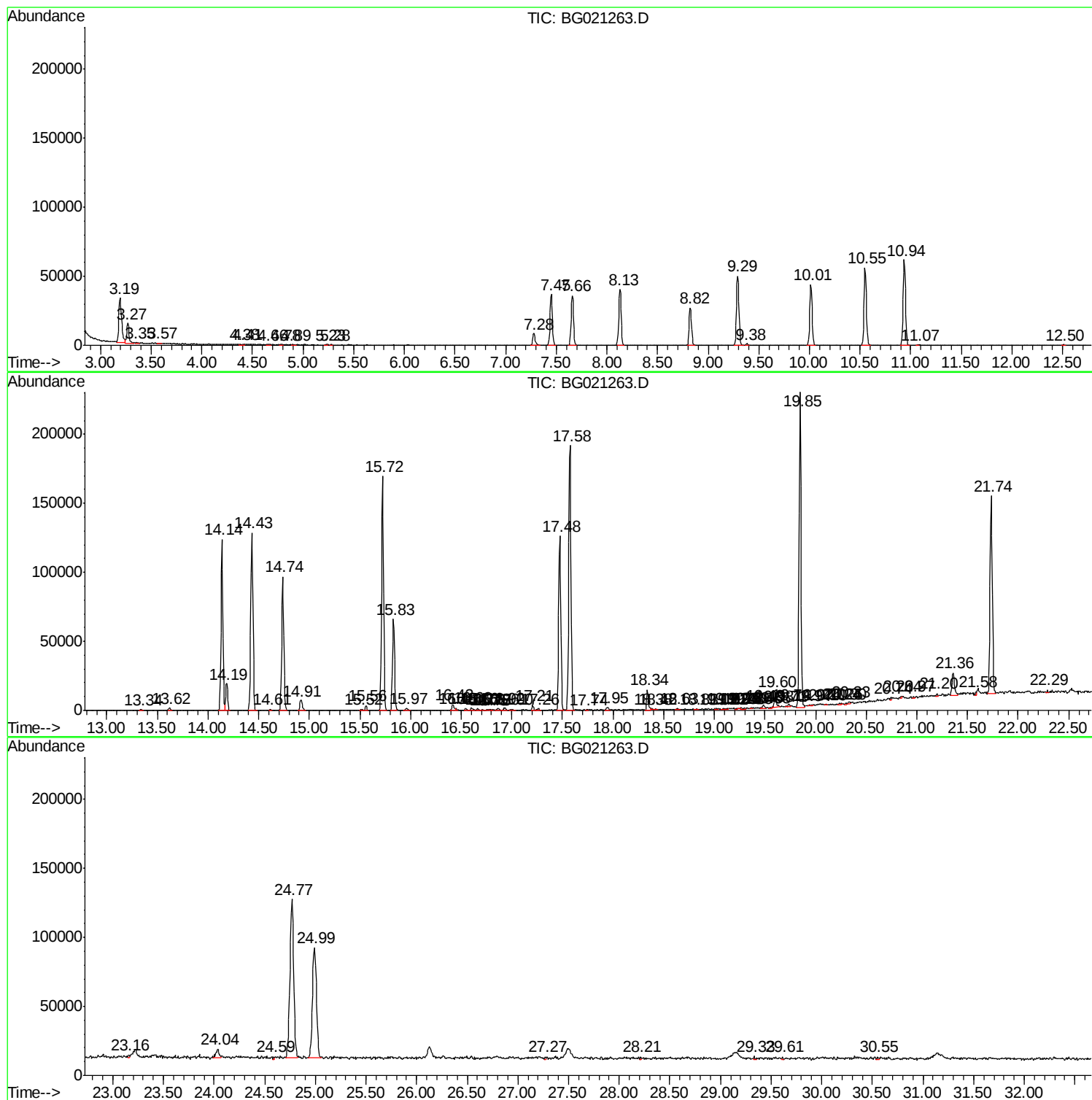
Sum of corrected areas: 3297002

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TIC Library : C:\DATABASE\NIST02.L
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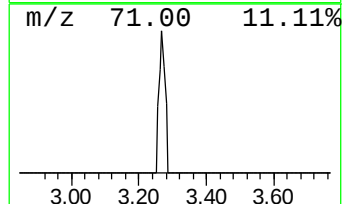
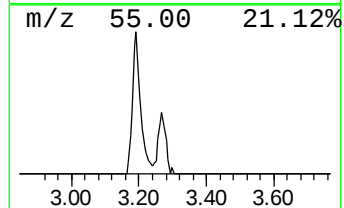
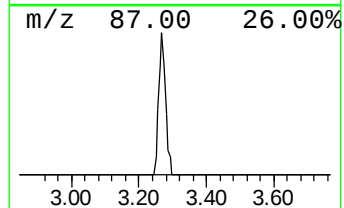
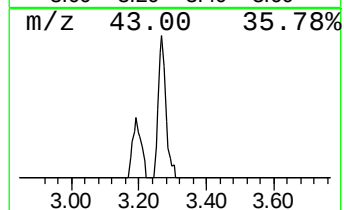
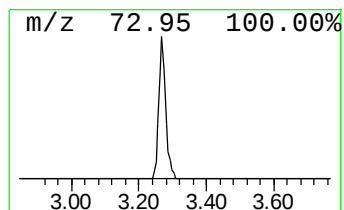
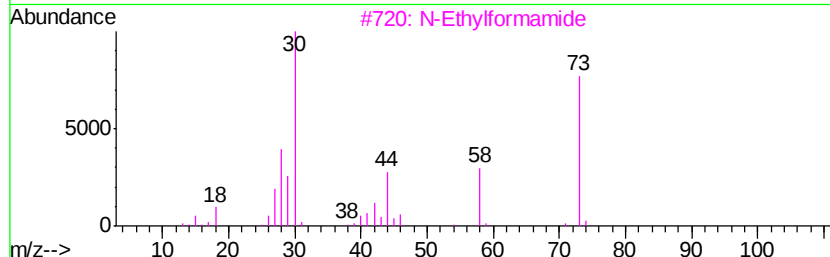
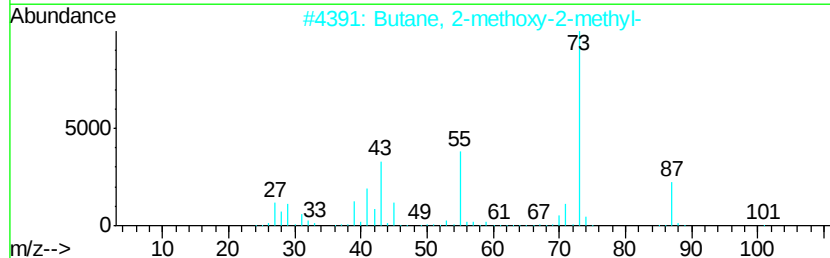
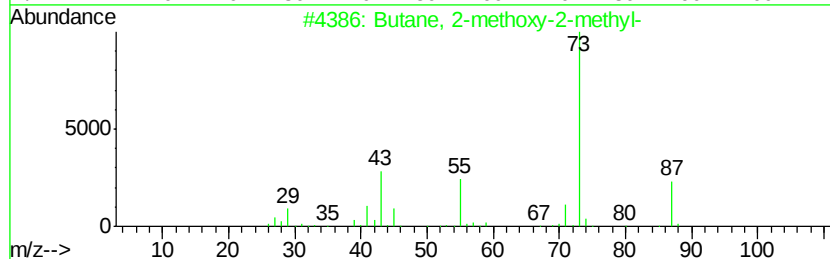
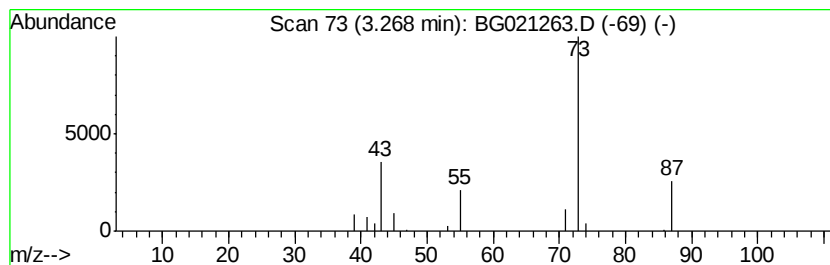
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	6.34 ng/ul	21447	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3			N-Ethylformamide	73	C3H7NO	000627-45-2	5
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5



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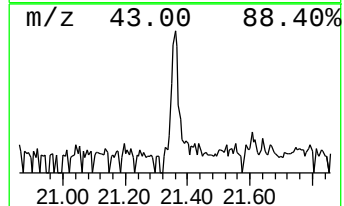
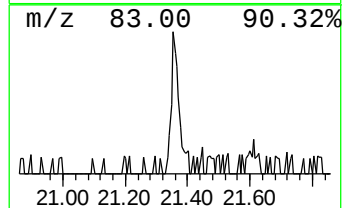
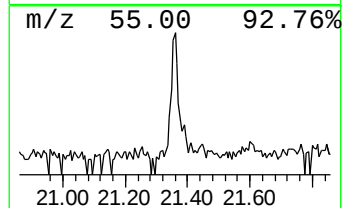
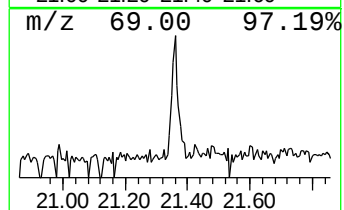
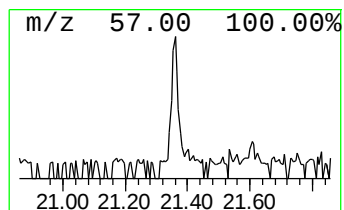
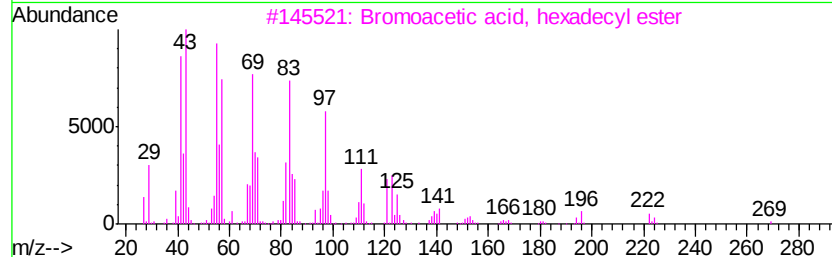
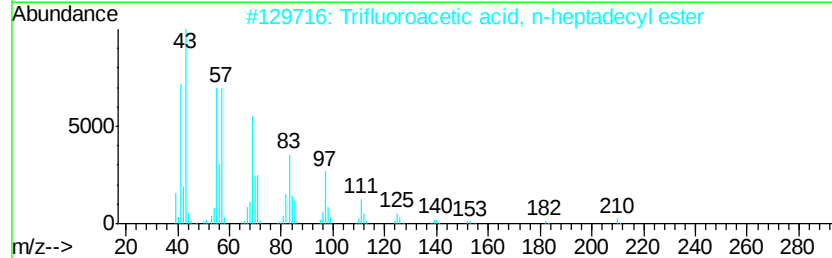
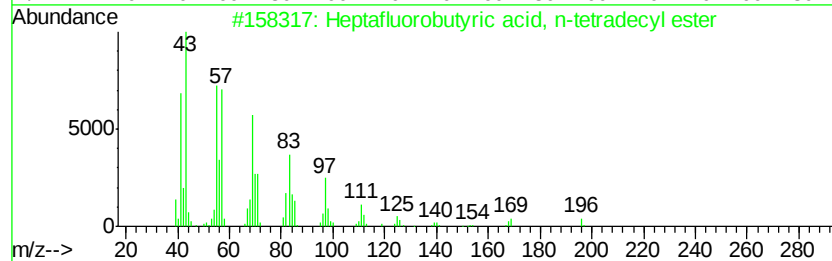
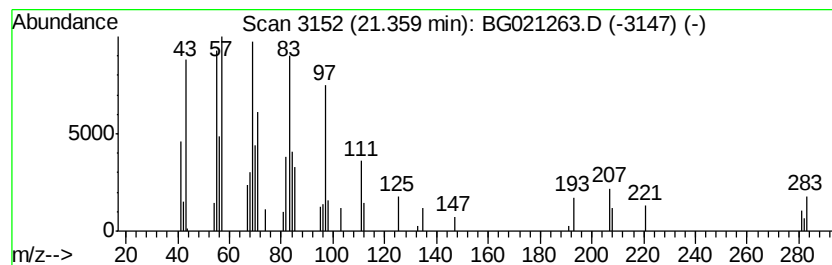
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.34 ng/ul	26126	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
2		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.27	6.3	ng/ul	21447	1	8.13	67661	20.0
Heptafluorobutyri...	21.36	2.3	ng/ul	26126	5	21.74	222852	20.0