

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
 Data File : BG020931.D
 Acq On : 17 Feb 2016 18:07
 Operator : SJ/UM
 Sample : H1477-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S05-0312

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-BG020816.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	3.246	63	69	78	rBV	27653	51439	9.25%	0.850%
2	3.322	78	82	90	rVB	9569	12695	2.28%	0.210%
3	3.593	125	128	133	rBV2	2991	4327	0.78%	0.072%
4	5.308	418	420	424	rVB3	1073	1245	0.22%	0.021%
5	5.637	471	476	478	rBV3	584	821	0.15%	0.014%
6	6.301	586	589	593	rVB2	1168	1679	0.30%	0.028%
7	6.953	696	700	702	rVB2	556	741	0.13%	0.012%
8	7.205	739	743	744	rBV	927	1018	0.18%	0.017%
9	7.399	768	776	785	rBV	63709	107396	19.32%	1.775%
10	7.575	798	806	817	rVB	62359	101495	18.26%	1.678%
11	7.687	822	825	828	rBV2	528	945	0.17%	0.016%
12	7.787	836	842	849	rVB	68721	113597	20.44%	1.878%
13	8.263	914	923	930	rBV	56525	94561	17.01%	1.563%
14	8.956	1033	1041	1050	rBV	84365	141610	25.48%	2.341%
15	9.432	1113	1122	1131	rBV	66217	115754	20.82%	1.913%
16	9.514	1131	1136	1144	rVV2	4702	7089	1.28%	0.117%
17	9.808	1184	1186	1188	rBV2	788	794	0.14%	0.013%
18	10.154	1239	1245	1253	rVB	52530	92479	16.64%	1.529%
19	10.695	1330	1337	1345	rVB	95320	162243	29.19%	2.682%
20	11.088	1397	1404	1411	rVB	98778	173072	31.14%	2.861%
21	11.212	1418	1425	1434	rVB	99229	173002	31.12%	2.859%
22	12.645	1666	1669	1673	rBB2	1929	2374	0.43%	0.039%
23	13.250	1765	1772	1777	rBB2	849	2035	0.37%	0.034%
24	13.479	1805	1811	1814	rBV2	1176	1478	0.27%	0.024%
25	13.685	1842	1846	1849	rVB	809	856	0.15%	0.014%
26	14.043	1901	1907	1910	rBB	412	831	0.15%	0.014%
27	14.266	1939	1945	1950	rBV	203537	297621	53.54%	4.919%
28	14.313	1950	1953	1960	rVB	90618	118163	21.26%	1.953%
29	14.572	1990	1997	2006	rVB	240681	386076	69.45%	6.381%
30	14.742	2021	2026	2030	rVB2	6238	7931	1.43%	0.131%
31	14.872	2042	2048	2057	rVB2	168242	276453	49.73%	4.569%
32	15.048	2072	2078	2088	rBV	76975	120933	21.76%	1.999%
33	15.177	2096	2100	2103	rBV2	1039	1644	0.30%	0.027%
34	15.236	2108	2110	2114	rVV2	1311	1439	0.26%	0.024%

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35	15.294	2117	2120	2123	rVB	1236	1306	0.23%	0.022%
36	15.359	2126	2131	2134	rBV	1719	2328	0.42%	0.038%
37	15.424	2139	2142	2144	rBV2	1311	1158	0.21%	0.019%
38	15.641	2176	2179	2182	rBV	2276	2696	0.49%	0.045%
39	15.688	2182	2187	2191	rVV	12010	16044	2.89%	0.265%
40	15.747	2194	2197	2201	rVV2	942	1439	0.26%	0.024%
41	15.858	2209	2216	2224	rVB	338478	498394	89.66%	8.238%
42	15.964	2228	2234	2242	rVB	64254	93200	16.77%	1.540%
43	16.070	2246	2252	2260	rBV	50264	72007	12.95%	1.190%
44	16.134	2260	2263	2266	rVB2	1321	1768	0.32%	0.029%
45	16.182	2266	2271	2276	rBV3	1819	2925	0.53%	0.048%
46	16.234	2276	2280	2286	rVB5	1827	2933	0.53%	0.048%
47	16.305	2289	2292	2296	rBV3	2115	2868	0.52%	0.047%
48	16.381	2299	2305	2312	rBV	9669	14232	2.56%	0.235%
49	16.493	2320	2324	2328	rBB	929	1319	0.24%	0.022%
50	16.546	2328	2333	2337	rBV	14488	21682	3.90%	0.358%
51	16.728	2361	2364	2367	rVB2	1370	1503	0.27%	0.025%
52	16.810	2375	2378	2383	rBV2	882	1243	0.22%	0.021%
53	16.886	2387	2391	2394	rVV4	1624	2676	0.48%	0.044%
54	16.951	2397	2402	2406	rVB4	1968	2531	0.46%	0.042%
55	17.004	2406	2411	2414	rBV3	1247	1660	0.30%	0.027%
56	17.057	2414	2420	2422	rBV	1065	1682	0.30%	0.028%
57	17.116	2428	2430	2435	rBV3	1687	1637	0.29%	0.027%
58	17.157	2435	2437	2441	rVB2	1082	946	0.17%	0.016%
59	17.333	2462	2467	2471	rBV	8892	11722	2.11%	0.194%
60	17.386	2473	2476	2481	rVB2	2831	4338	0.78%	0.072%
61	17.491	2492	2494	2497	rBB2	723	736	0.13%	0.012%
62	17.609	2505	2514	2520	rBV2	215436	318025	57.21%	5.257%
63	17.709	2525	2531	2539	rVV	346890	509292	91.62%	8.418%
64	17.773	2539	2542	2545	rVB	615	868	0.16%	0.014%
65	17.873	2554	2559	2563	rBV2	1243	1905	0.34%	0.031%
66	17.956	2570	2573	2577	rBV2	1094	1404	0.25%	0.023%
67	18.073	2589	2593	2598	rVB2	4308	5283	0.95%	0.087%
68	18.473	2658	2661	2663	rBV	1061	909	0.16%	0.015%
69	18.549	2670	2674	2677	rVB	1388	1718	0.31%	0.028%
70	18.760	2707	2710	2711	rVB2	1272	1029	0.19%	0.017%
71	18.884	2729	2731	2736	rBV3	1326	1123	0.20%	0.019%

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72	19.612	2851	2855	2857	rBV	3212	3935	0.71%	0.065%
73	19.642	2857	2860	2863	rVB	3238	4030	0.72%	0.067%
74	19.865	2894	2898	2901	rBV2	2653	3947	0.71%	0.065%
75	19.970	2910	2916	2927	rBV	379515	555868	100.00%	9.188%
76	20.047	2927	2929	2932	rBV3	1000	750	0.13%	0.012%
77	20.117	2940	2941	2945	rBV2	736	792	0.14%	0.013%
78	20.282	2966	2969	2970	rBV3	866	992	0.18%	0.016%
79	20.440	2992	2996	2999	rBV4	1884	2443	0.44%	0.040%
80	20.476	3000	3002	3007	rVB4	2025	2103	0.38%	0.035%
81	21.145	3114	3116	3117	rBV2	1083	865	0.16%	0.014%
82	21.386	3154	3157	3161	rBV5	3186	3820	0.69%	0.063%
83	21.492	3170	3175	3185	rBV	31362	50347	9.06%	0.832%
84	21.886	3235	3242	3249	rBV	210402	336887	60.61%	5.568%
85	22.561	3354	3357	3362	rVB3	6725	10130	1.82%	0.167%
86	22.696	3377	3380	3388	rVB6	5748	10430	1.88%	0.172%
87	23.765	3560	3562	3564	rBV4	2112	2120	0.38%	0.035%
88	24.259	3643	3646	3647	rBV2	4106	4419	0.79%	0.073%
89	25.022	3765	3776	3788	rBV	194417	541323	97.38%	8.947%
90	25.257	3805	3816	3827	rBV	117077	330552	59.47%	5.464%

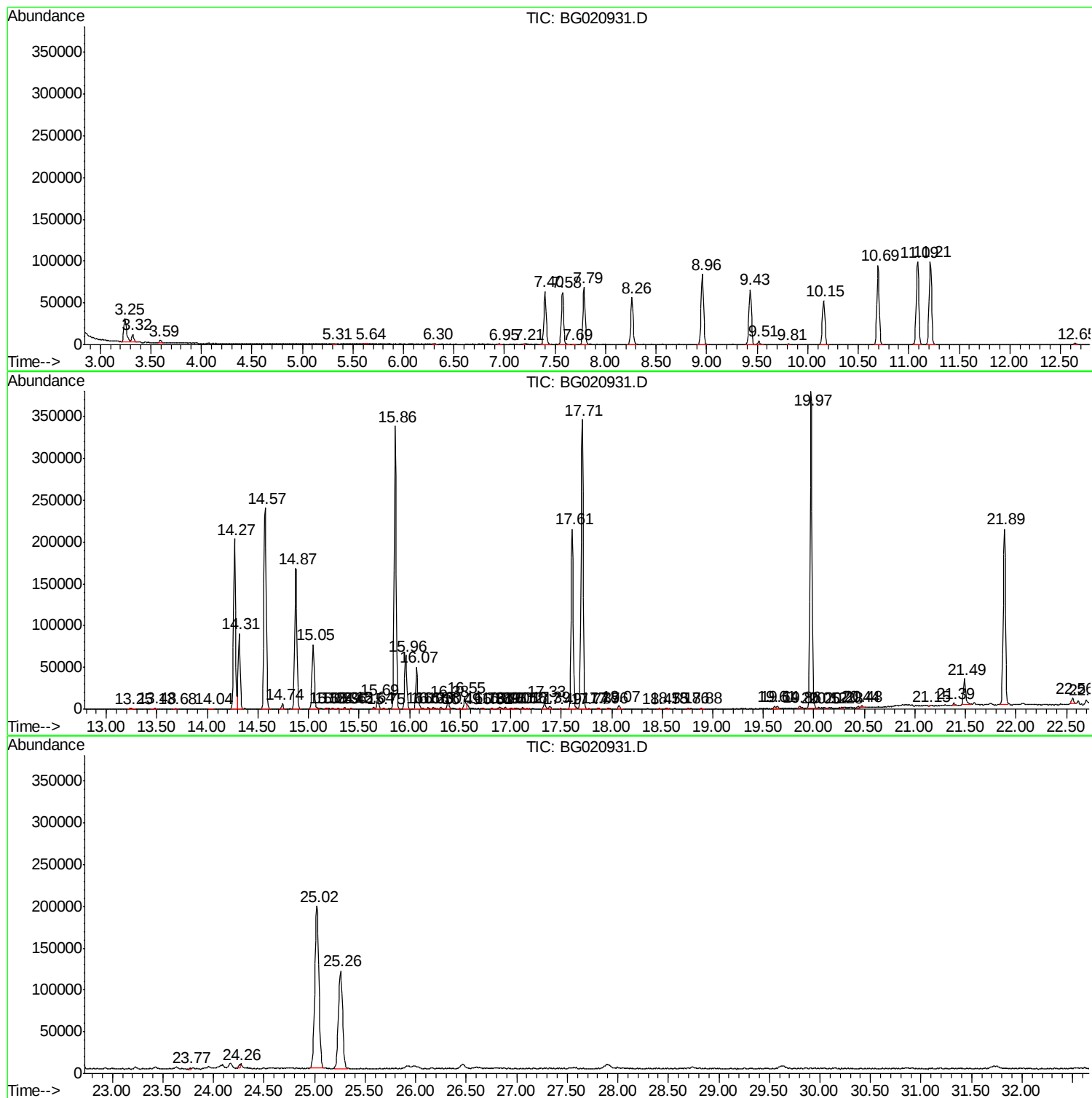
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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



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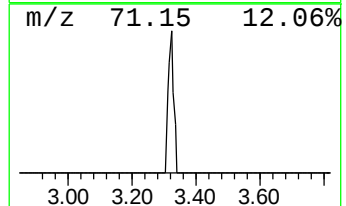
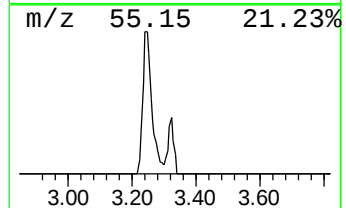
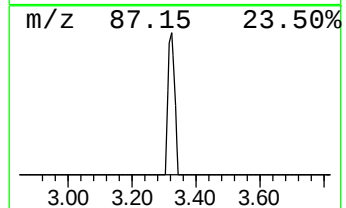
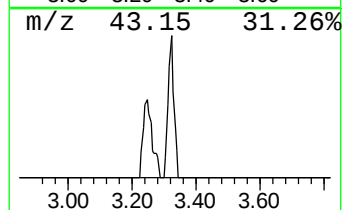
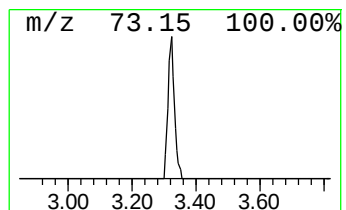
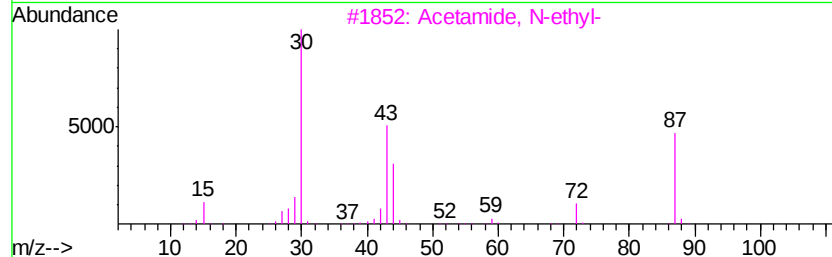
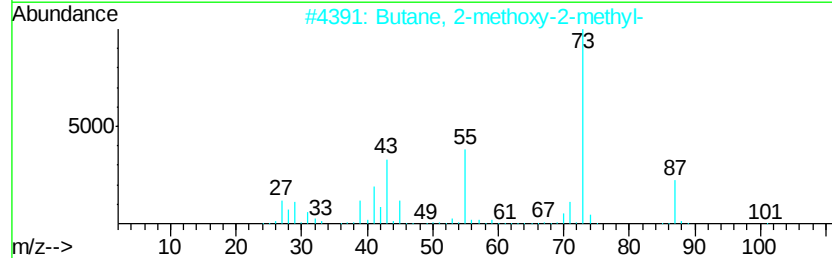
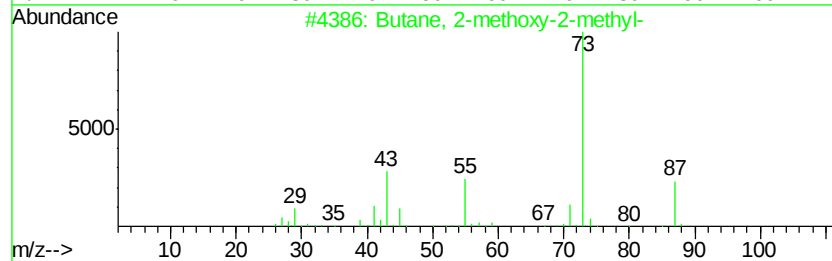
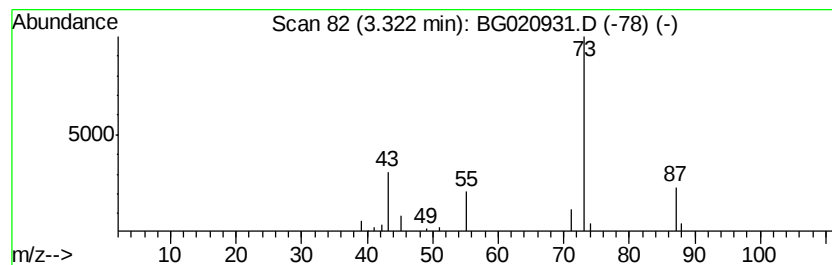
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.69 ng/ul	12695	1,4-Dichlorobenzene-d4	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5			N-Ethylformamide	73	C3H7NO	000627-45-2	4



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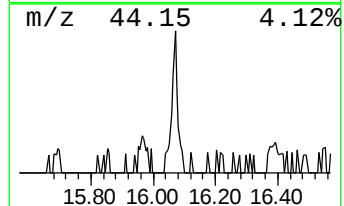
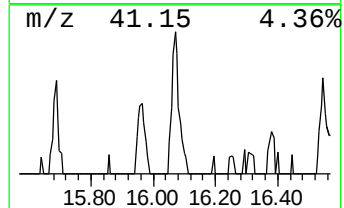
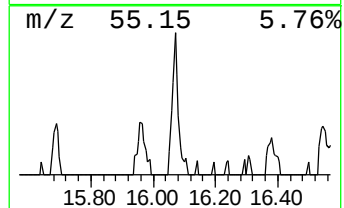
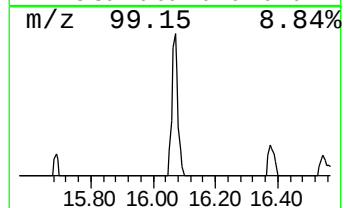
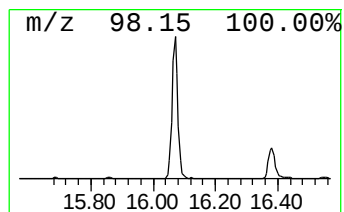
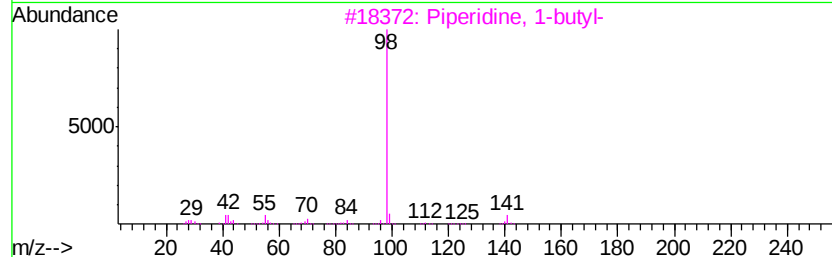
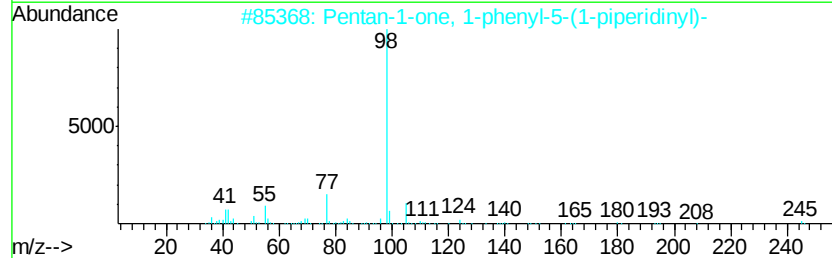
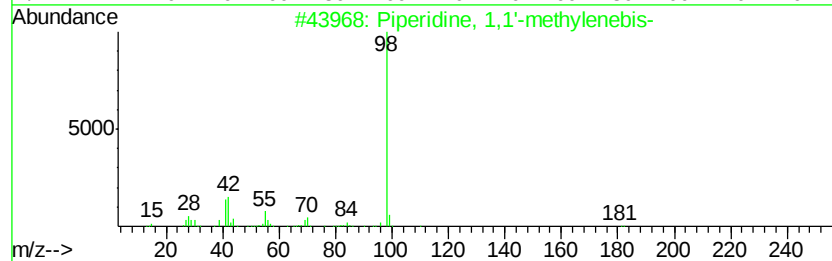
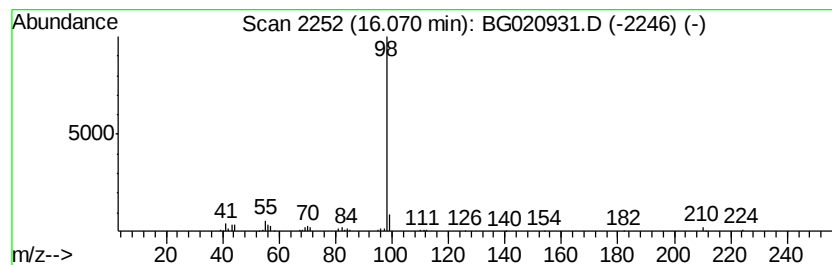
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Piperidine, 1,1'-methylenebis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.21 ng/ul	72007	Acenaphthene-d10	14.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Piperidine, 1,1'-methylenebis-	182	C11H22N2	000880-09-1	72
2		Pentan-1-one, 1-phenyl-5-(1-pipe...	245	C16H23NO	116849-53-7	72
3		Piperidine, 1-butyl-	141	C9H19N	004945-48-6	72
4		16-iso-Tetrahydro-solasodine	417	C27H47NO2	1000256-11-7	72
5		Tetrahydrosolasodine	417	C27H47NO2	071473-03-5	72



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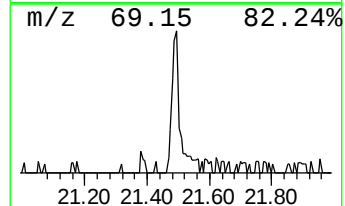
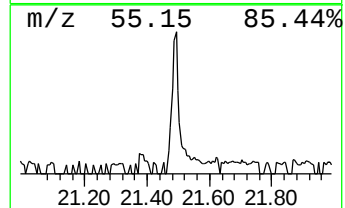
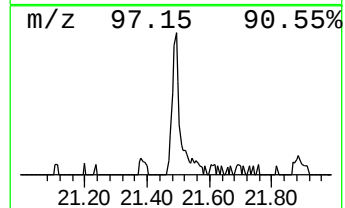
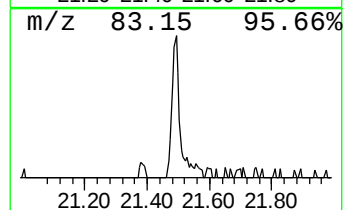
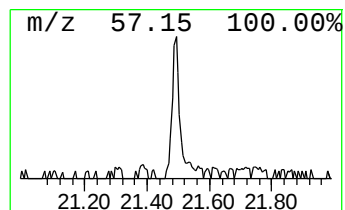
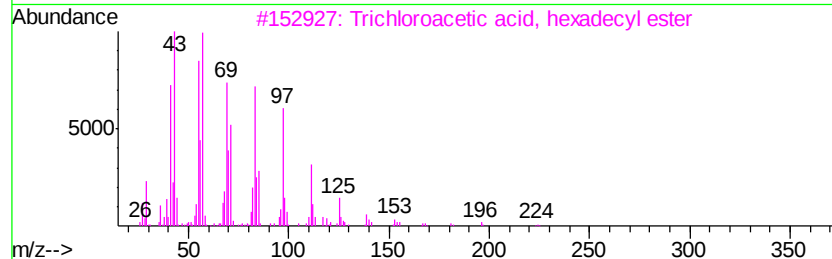
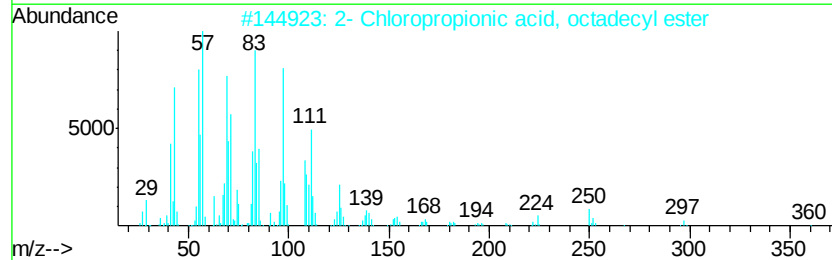
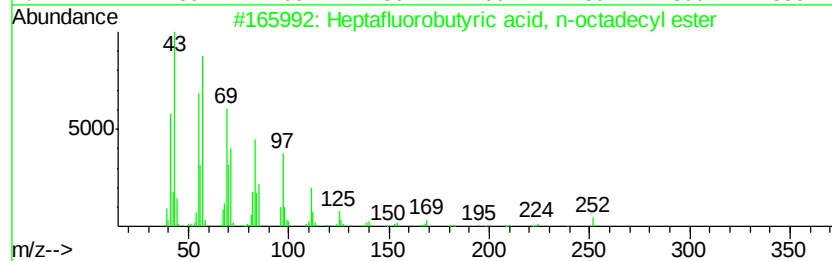
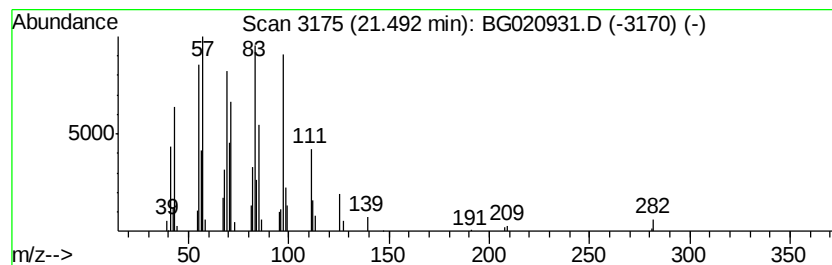
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.99 ng/ul	50347	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
2		2-Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	91
3		Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	91
4		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91
5		Dichloroacetic acid, heptadecyl ester	366	C19H36Cl2O2	1000282-98-2	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.32	2.7	ng/ul	12695	1	8.26	94561	20.0
Piperidine, 1,1'-...	16.07	5.2	ng/ul	72007	3	14.87	276453	20.0
Heptafluorobutyri...	21.49	3.0	ng/ul	50347	5	21.89	336887	20.0