

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019288.D
 Acq On : 21 Oct 2015 20:06
 Operator : UM/NP
 Sample : G4057-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LM0

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-BG101515.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	3.078	36	41	49	rBV	27723	46692	9.09%	0.941%
2	3.149	49	53	63	rVB	66307	93604	18.22%	1.887%
3	3.254	69	71	74	rBV2	541	741	0.14%	0.015%
4	3.319	77	82	85	rVB3	436	786	0.15%	0.016%
5	3.730	150	152	155	rVB	704	809	0.16%	0.016%
6	7.162	731	736	743	rVB2	10045	16680	3.25%	0.336%
7	7.308	756	761	768	rVB	38179	58826	11.45%	1.186%
8	7.520	791	797	805	rBV	44769	70600	13.74%	1.423%
9	7.984	870	876	883	rBV	50124	78957	15.37%	1.592%
10	8.701	992	998	1007	rBV3	34037	58204	11.33%	1.173%
11	9.147	1067	1074	1086	rVB2	55352	100753	19.61%	2.031%
12	9.283	1093	1097	1099	rBV2	1055	1142	0.22%	0.023%
13	9.529	1135	1139	1147	rVB3	1587	2867	0.56%	0.058%
14	9.870	1191	1197	1206	rVB	56615	95594	18.61%	1.927%
15	10.417	1284	1290	1298	rBV	75927	132472	25.79%	2.670%
16	10.569	1314	1316	1322	rVB	852	718	0.14%	0.014%
17	10.793	1347	1354	1361	rVB	79141	135015	26.28%	2.722%
18	11.028	1391	1394	1395	rBV2	834	701	0.14%	0.014%
19	11.157	1414	1416	1417	rBV	739	744	0.14%	0.015%
20	11.192	1420	1422	1428	rVB3	1909	3025	0.59%	0.061%
21	11.357	1448	1450	1454	rBV2	543	758	0.15%	0.015%
22	12.062	1563	1570	1572	rBV2	1025	1611	0.31%	0.032%
23	12.379	1619	1624	1628	rVB3	1257	2280	0.44%	0.046%
24	12.485	1637	1642	1645	rBV3	2639	3959	0.77%	0.080%
25	12.972	1721	1725	1729	rVB3	3341	3580	0.70%	0.072%
26	13.019	1729	1733	1736	rBV2	1816	2096	0.41%	0.042%
27	13.225	1766	1768	1773	rBV3	1177	975	0.19%	0.020%
28	13.301	1777	1781	1784	rBV2	637	812	0.16%	0.016%
29	13.342	1784	1788	1790	rBV2	784	865	0.17%	0.017%
30	13.789	1862	1864	1866	rVB2	949	900	0.18%	0.018%
31	13.918	1883	1886	1889	rVB2	532	800	0.16%	0.016%
32	13.954	1889	1892	1895	rBV3	1085	1400	0.27%	0.028%
33	14.024	1898	1904	1909	rVV	187996	266112	51.80%	5.365%
34	14.065	1909	1911	1916	rVB	13916	17002	3.31%	0.343%

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35	14.112	1916	1919	1923	rBV2	3022	3711	0.72%	0.075%
36	14.212	1931	1936	1939	rVB2	600	916	0.18%	0.018%
37	14.247	1940	1942	1946	rVB2	770	939	0.18%	0.019%
38	14.312	1946	1953	1960	rBV	194630	294914	57.41%	5.945%
39	14.429	1970	1973	1975	rBV2	582	770	0.15%	0.016%
40	14.488	1980	1983	1985	rBV	1216	1304	0.25%	0.026%
41	14.617	1999	2005	2014	rVV3	147723	235696	45.88%	4.751%
42	14.694	2014	2018	2023	rVB4	1181	2268	0.44%	0.046%
43	14.788	2031	2034	2035	rBV2	1265	1101	0.21%	0.022%
44	14.841	2035	2043	2050	rVV3	13316	23856	4.64%	0.481%
45	15.005	2067	2071	2073	rVB	1719	1469	0.29%	0.030%
46	15.258	2110	2114	2116	rBV2	1065	1421	0.28%	0.029%
47	15.411	2136	2140	2145	rBV4	2525	3779	0.74%	0.076%
48	15.458	2145	2148	2151	rVB3	2377	3003	0.58%	0.061%
49	15.552	2160	2164	2165	rBV2	1087	1439	0.28%	0.029%
50	15.610	2168	2174	2181	rVV	274665	397359	77.35%	8.010%
51	15.734	2188	2195	2205	rBV	98259	144262	28.08%	2.908%
52	15.857	2210	2216	2220	rBV3	3914	7446	1.45%	0.150%
53	15.910	2220	2225	2229	rBV	39692	49000	9.54%	0.988%
54	16.022	2239	2244	2247	rBV3	894	1498	0.29%	0.030%
55	16.057	2247	2250	2252	rBV	746	922	0.18%	0.019%
56	16.163	2266	2268	2271	rBV2	872	889	0.17%	0.018%
57	16.286	2287	2289	2291	rVB	804	740	0.14%	0.015%
58	16.316	2291	2294	2299	rBV3	4247	7007	1.36%	0.141%
59	16.392	2304	2307	2309	rBV2	1100	1147	0.22%	0.023%
60	16.474	2318	2321	2322	rBV2	1065	858	0.17%	0.017%
61	16.498	2322	2325	2329	rVB3	1969	2010	0.39%	0.041%
62	16.621	2344	2346	2350	rVB2	813	885	0.17%	0.018%
63	16.686	2356	2357	2361	rBV2	883	867	0.17%	0.017%
64	16.715	2361	2362	2367	rVB2	1139	1381	0.27%	0.028%
65	16.774	2369	2372	2377	rVB2	1416	1492	0.29%	0.030%
66	16.844	2382	2384	2386	rVB	837	701	0.14%	0.014%
67	16.932	2397	2399	2403	rVB2	1113	1229	0.24%	0.025%
68	17.109	2425	2429	2432	rBV	4607	6051	1.18%	0.122%
69	17.167	2435	2439	2441	rVB3	1895	2569	0.50%	0.052%
70	17.267	2454	2456	2462	rVB2	2255	2212	0.43%	0.045%
71	17.367	2466	2473	2479	rBV	194143	297741	57.96%	6.002%

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72	17.461	2483	2489	2498	rVV2	294593	444937	86.62%	8.969%
73	17.549	2500	2504	2511	rVV5	6591	12572	2.45%	0.253%
74	17.620	2513	2516	2519	rVV2	1294	1931	0.38%	0.039%
75	17.643	2519	2520	2525	rVB2	1142	1071	0.21%	0.022%
76	17.767	2539	2541	2545	rBV2	1070	1093	0.21%	0.022%
77	17.808	2545	2548	2551	rBV2	802	797	0.16%	0.016%
78	17.849	2551	2555	2560	rBV2	4033	5200	1.01%	0.105%
79	17.908	2560	2565	2568	rBV3	552	917	0.18%	0.018%
80	18.125	2598	2602	2604	rVB3	897	930	0.18%	0.019%
81	18.254	2619	2624	2632	rBV3	9168	16538	3.22%	0.333%
82	18.313	2632	2634	2640	rVB5	2283	4315	0.84%	0.087%
83	18.366	2640	2643	2645	rBV3	1298	1619	0.32%	0.033%
84	18.542	2669	2673	2676	rBV3	2649	2718	0.53%	0.055%
85	18.625	2685	2687	2692	rVB2	851	1216	0.24%	0.025%
86	18.672	2692	2695	2697	rBV3	840	938	0.18%	0.019%
87	18.701	2697	2700	2701	rBV2	946	934	0.18%	0.019%
88	18.830	2721	2722	2727	rVB3	1252	1593	0.31%	0.032%
89	18.912	2735	2736	2740	rVB2	959	757	0.15%	0.015%
90	18.948	2740	2742	2744	rBV3	1122	811	0.16%	0.016%
91	19.077	2761	2764	2765	rVB3	1489	1121	0.22%	0.023%
92	19.089	2765	2766	2768	rBV2	1198	1096	0.21%	0.022%
93	19.153	2775	2777	2779	rBV2	921	779	0.15%	0.016%
94	19.382	2813	2816	2821	rBV3	3256	4137	0.81%	0.083%
95	19.523	2837	2840	2845	rBV3	3377	4900	0.95%	0.099%
96	19.600	2851	2853	2854	rBV	1412	1099	0.21%	0.022%
97	19.753	2871	2879	2887	rBV	352857	513686	100.00%	10.355%
98	21.627	3192	3198	3206	rVB	234113	363709	70.80%	7.332%
99	24.594	3695	3703	3714	rVB	189898	513201	99.91%	10.346%
100	24.817	3732	3741	3752	rVB2	124652	349045	67.95%	7.036%

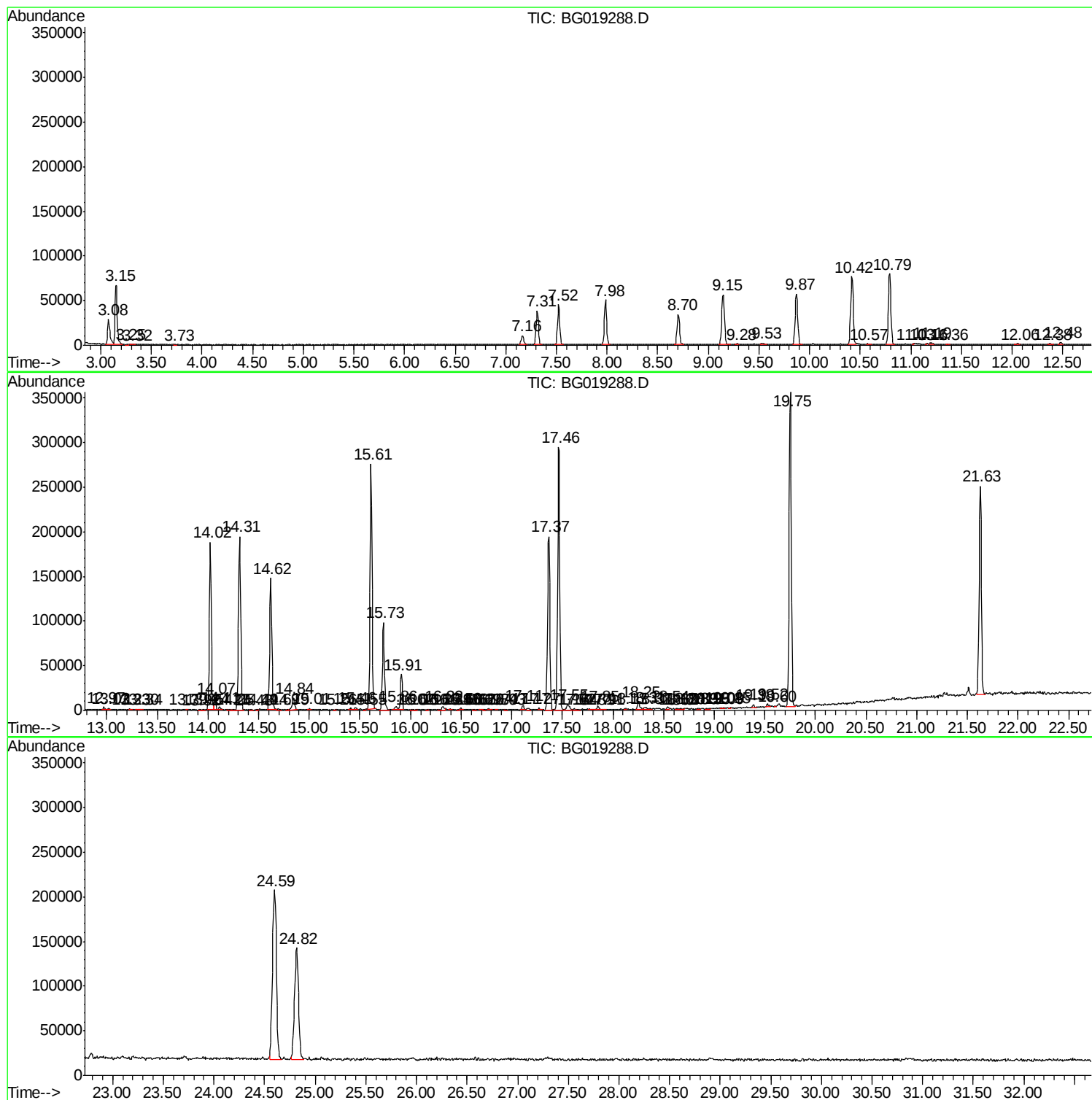
Sum of corrected areas: 4960592

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TIC Library : C:\DATABASE\NIST02.L
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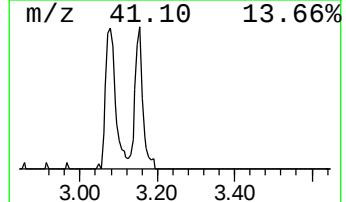
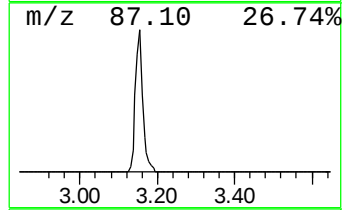
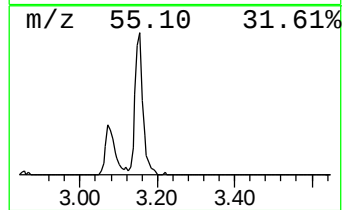
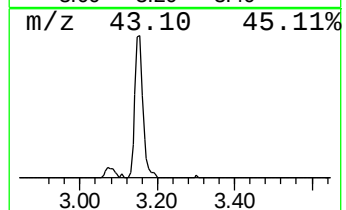
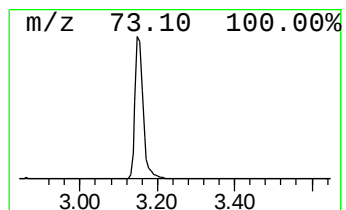
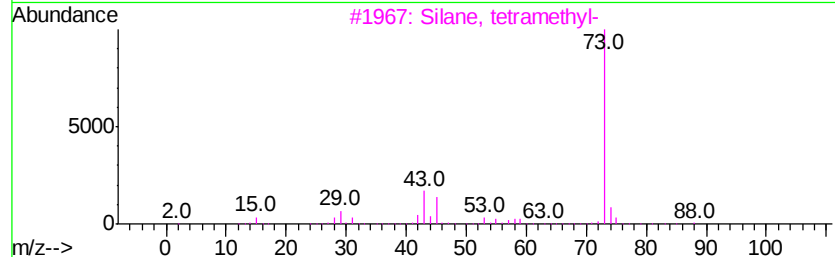
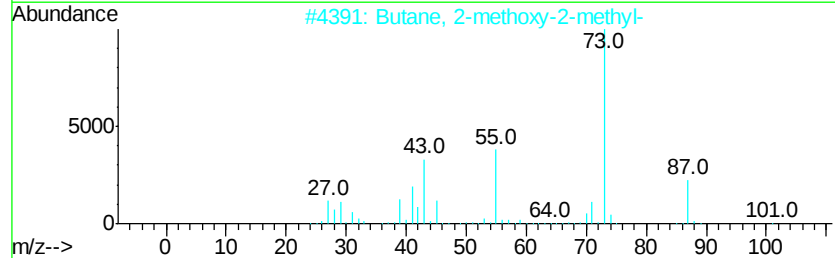
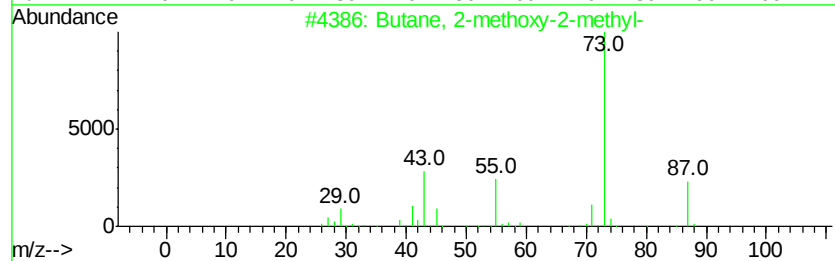
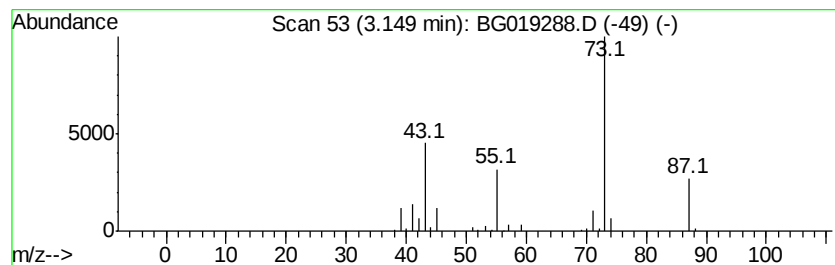
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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.
3.15	23.71 ng/ul	93604	1,4-Dichlorobenzene-d4	7.98

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	64
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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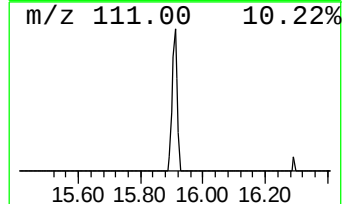
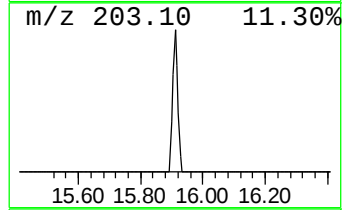
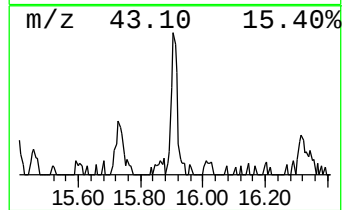
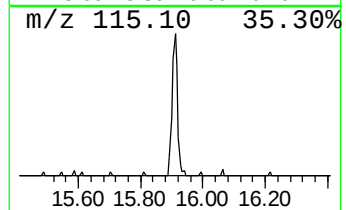
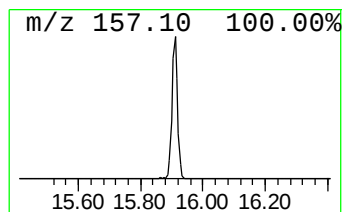
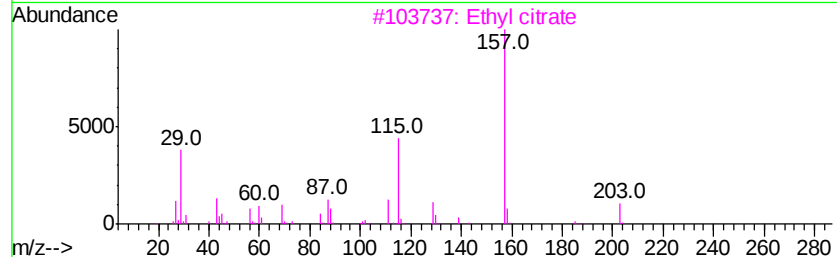
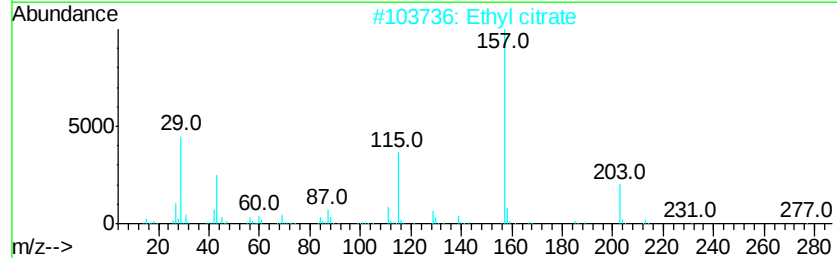
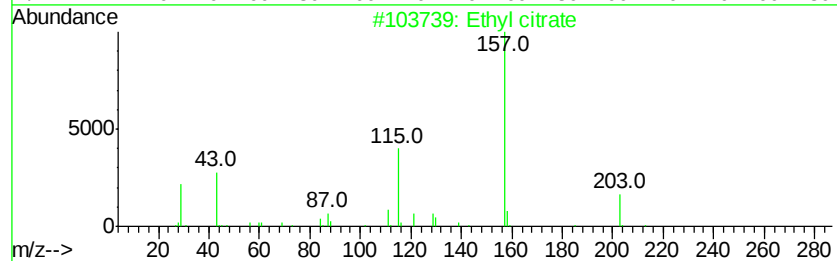
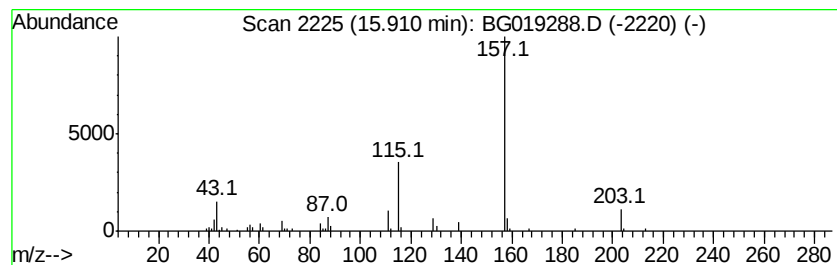
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.16 ng/ul	49000	Acenaphthene-d10	14.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl citrate	276	C12H2007	000077-93-0	53
2			Ethyl citrate	276	C12H2007	000077-93-0	52
3			Ethyl citrate	276	C12H2007	000077-93-0	52
4			Ethyl citrate	276	C12H2007	000077-93-0	52
5			Ethylmalonic acid dipropyl ester	216	C11H2004	001113-91-3	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	23.7	ng/ul	93604	1	7.98	78957	20.0
Ethyl citrate	15.91	4.2	ng/ul	49000	3	14.62	235696	20.0