

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019231.D
 Acq On : 16 Oct 2015 20:05
 Operator : UM/NP
 Sample : G3996-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ8

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	3.108	41	46	55	rBV	19014	32369	6.36%	0.586%
2	3.184	55	59	67	rVB	42944	54557	10.72%	0.987%
3	3.443	100	103	108	rVB3	2871	3299	0.65%	0.060%
4	3.725	146	151	155	rBV3	1076	1778	0.35%	0.032%
5	3.889	175	179	183	rBV2	637	1060	0.21%	0.019%
6	4.195	225	231	240	rBV	13438	20409	4.01%	0.369%
7	4.330	253	254	260	rVB3	561	878	0.17%	0.016%
8	4.964	358	362	368	rBV2	591	1312	0.26%	0.024%
9	5.111	380	387	391	rVV	1705	2925	0.57%	0.053%
10	7.168	731	737	746	rVB	56526	93221	18.32%	1.686%
11	7.326	756	764	771	rBV	38330	61186	12.02%	1.107%
12	7.538	793	800	807	rVB2	51304	82502	16.21%	1.493%
13	8.002	874	879	886	rBV	56725	94391	18.55%	1.708%
14	8.713	994	1000	1009	rVB	71507	120781	23.73%	2.185%
15	9.165	1070	1077	1084	rVB	58861	96871	19.03%	1.753%
16	9.888	1194	1200	1207	rVB2	49487	82377	16.19%	1.490%
17	10.429	1287	1292	1301	rVB	72996	121704	23.91%	2.202%
18	10.810	1350	1357	1365	rBV	88571	155328	30.52%	2.810%
19	10.946	1373	1380	1387	rBV2	71927	128113	25.17%	2.318%
20	11.228	1424	1428	1432	rBV3	511	881	0.17%	0.016%
21	11.639	1492	1498	1503	rVB3	4620	8024	1.58%	0.145%
22	12.397	1624	1627	1630	rBV2	1122	1039	0.20%	0.019%
23	12.467	1636	1639	1643	rVB3	892	1512	0.30%	0.027%
24	12.996	1724	1729	1731	rVB2	1184	1510	0.30%	0.027%
25	13.243	1767	1771	1776	rVB4	2198	3394	0.67%	0.061%
26	13.466	1803	1809	1813	rBV2	1177	1548	0.30%	0.028%
27	14.042	1900	1907	1911	rBV	155469	229566	45.10%	4.153%
28	14.083	1911	1914	1924	rVB	84765	117739	23.13%	2.130%
29	14.330	1949	1956	1963	rBV	158254	240964	47.34%	4.359%
30	14.530	1986	1990	1994	rBV3	2289	3273	0.64%	0.059%
31	14.635	2001	2008	2015	rBV2	156497	247429	48.61%	4.476%
32	14.835	2035	2042	2057	rBV	86546	140139	27.53%	2.535%
33	15.152	2090	2096	2097	rVB2	532	938	0.18%	0.017%
34	15.446	2140	2146	2147	rBV4	1706	3142	0.62%	0.057%

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35	15.476	2147	2151	2156	rVB2	5400	7091	1.39%	0.128%
36	15.628	2170	2177	2186	rVB	220429	328877	64.62%	5.950%
37	15.740	2190	2196	2204	rVB	85536	120951	23.76%	2.188%
38	15.869	2214	2218	2219	rBV3	2603	3381	0.66%	0.061%
39	16.098	2255	2257	2260	rBV2	1139	1048	0.21%	0.019%
40	16.339	2292	2298	2301	rBV	9207	12843	2.52%	0.232%
41	16.515	2324	2328	2332	rVB3	1789	2302	0.45%	0.042%
42	16.668	2350	2354	2356	rBV2	1371	1650	0.32%	0.030%
43	16.686	2356	2357	2360	rVB2	1533	905	0.18%	0.016%
44	16.798	2373	2376	2381	rVB2	783	1174	0.23%	0.021%
45	16.845	2381	2384	2388	rVV2	1040	1665	0.33%	0.030%
46	16.915	2393	2396	2398	rVV2	1252	1541	0.30%	0.028%
47	16.950	2400	2402	2405	rVB3	1204	1028	0.20%	0.019%
48	17.068	2420	2422	2426	rVB2	711	896	0.18%	0.016%
49	17.132	2426	2433	2438	rBV2	9225	13006	2.56%	0.235%
50	17.191	2438	2443	2447	rVV3	3638	6057	1.19%	0.110%
51	17.379	2469	2475	2482	rBV2	236129	350312	68.83%	6.338%
52	17.479	2485	2492	2502	rVB	263850	400627	78.71%	7.248%
53	17.608	2510	2514	2516	rBV	970	1259	0.25%	0.023%
54	17.661	2520	2523	2525	rBV	1177	1237	0.24%	0.022%
55	17.749	2532	2538	2539	rBV2	1774	2187	0.43%	0.040%
56	17.873	2553	2559	2564	rBV3	7469	10326	2.03%	0.187%
57	18.037	2582	2587	2590	rVB2	1113	1918	0.38%	0.035%
58	18.155	2602	2607	2608	rBV2	907	879	0.17%	0.016%
59	18.231	2618	2620	2623	rVB2	750	825	0.16%	0.015%
60	18.272	2623	2627	2633	rBV2	13168	20189	3.97%	0.365%
61	18.466	2658	2660	2662	rBV2	1055	866	0.17%	0.016%
62	18.566	2672	2677	2679	rBV2	2931	3573	0.70%	0.065%
63	18.778	2711	2713	2716	rBV	1065	1075	0.21%	0.019%
64	18.842	2722	2724	2729	rVB4	971	1200	0.24%	0.022%
65	18.936	2739	2740	2744	rBV4	998	1012	0.20%	0.018%
66	18.966	2744	2745	2750	rVV2	968	1338	0.26%	0.024%
67	19.018	2750	2754	2757	rVV3	1216	1791	0.35%	0.032%
68	19.065	2761	2762	2768	rVV4	1767	2022	0.40%	0.037%
69	19.124	2768	2772	2777	rVV4	1586	3500	0.69%	0.063%
70	19.189	2780	2783	2787	rVV3	2763	3840	0.75%	0.069%
71	19.347	2807	2810	2811	rBV2	1152	1052	0.21%	0.019%

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72	19.400	2815	2819	2823	rVV2	3740	5312	1.04%	0.096%
73	19.453	2826	2828	2832	rVB	1101	1146	0.23%	0.021%
74	19.541	2840	2843	2848	rBV4	2301	4775	0.94%	0.086%
75	19.606	2852	2854	2857	rVV2	1089	1533	0.30%	0.028%
76	19.653	2860	2862	2866	rVV2	3566	3376	0.66%	0.061%
77	19.688	2866	2868	2872	rVV5	1426	1903	0.37%	0.034%
78	19.765	2874	2881	2890	rVV	346106	499989	98.24%	9.045%
79	19.900	2902	2904	2907	rVB4	955	893	0.18%	0.016%
80	19.935	2909	2910	2911	rBV	1982	1066	0.21%	0.019%
81	20.117	2939	2941	2943	rBV2	1176	987	0.19%	0.018%
82	20.158	2946	2948	2951	rBV3	1432	1643	0.32%	0.030%
83	20.264	2964	2966	2968	rBV3	1779	1880	0.37%	0.034%
84	20.340	2976	2979	2980	rBV2	1361	1660	0.33%	0.030%
85	20.387	2984	2987	2991	rVV3	1099	1804	0.35%	0.033%
86	21.292	3136	3141	3148	rBV	48423	70333	13.82%	1.272%
87	21.645	3195	3201	3210	rVB	280671	451989	88.80%	8.177%
88	21.839	3232	3234	3240	rVB6	3878	5409	1.06%	0.098%
89	22.367	3322	3324	3325	rBV2	2001	1053	0.21%	0.019%
90	22.450	3336	3338	3344	rVB7	3510	6004	1.18%	0.109%
91	23.114	3446	3451	3459	rBV7	11165	26939	5.29%	0.487%
92	23.637	3538	3540	3545	rBV4	2283	4318	0.85%	0.078%
93	24.630	3698	3709	3719	rBV	188231	508970	100.00%	9.208%
94	24.853	3737	3747	3763	rVB2	149634	435341	85.53%	7.876%
95	26.004	3941	3943	3944	rBV2	3456	2768	0.54%	0.050%
96	26.715	4062	4064	4067	rVB3	1946	1381	0.27%	0.025%
97	27.367	4173	4175	4183	rVB7	5353	9115	1.79%	0.165%
98	28.625	4388	4389	4390	rBV	2137	1049	0.21%	0.019%
99	29.512	4538	4540	4543	rBV3	2034	1600	0.31%	0.029%
100	29.829	4592	4594	4597	rVB2	2178	1658	0.33%	0.030%

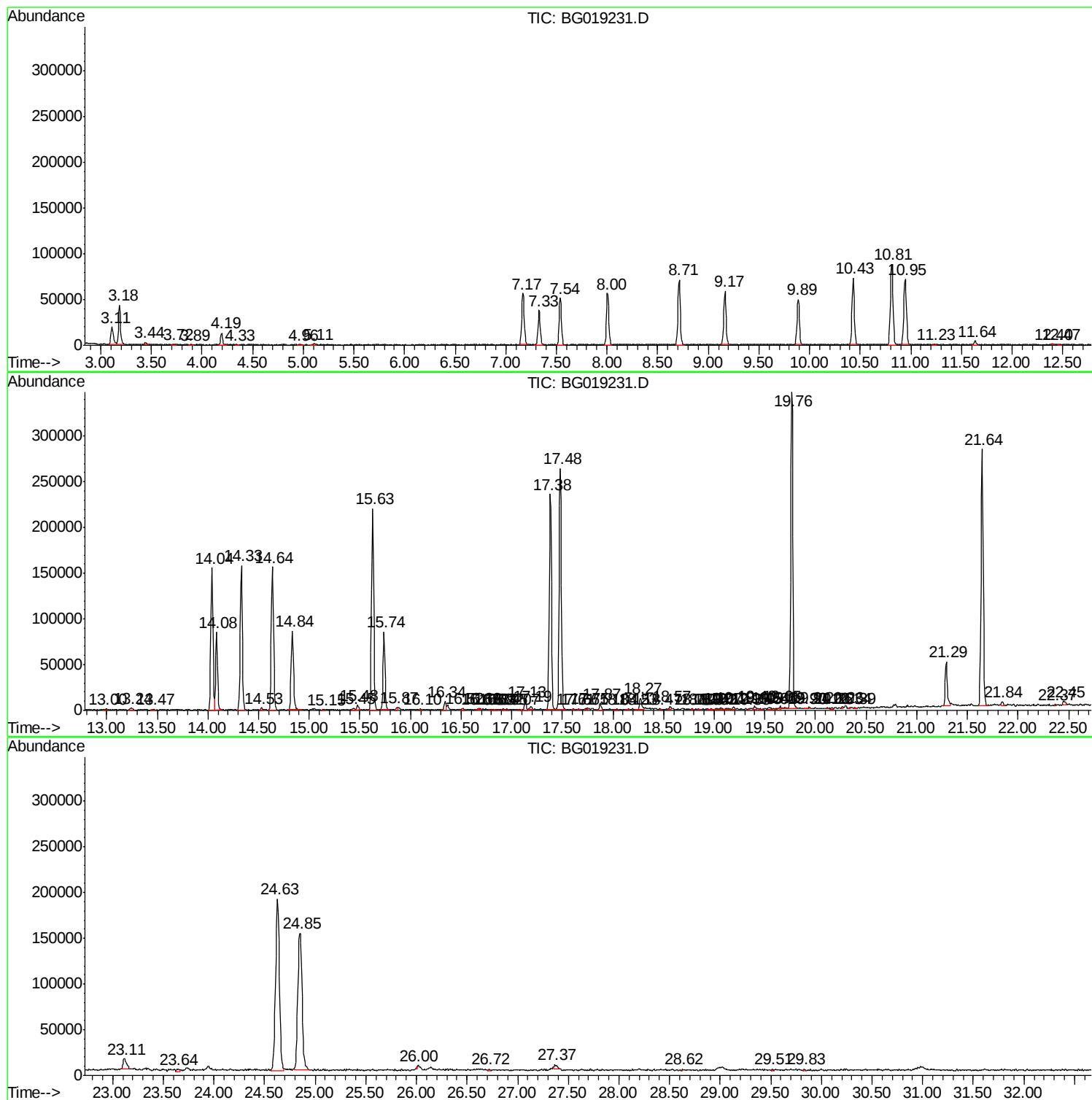
Sum of corrected areas: 5527496

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



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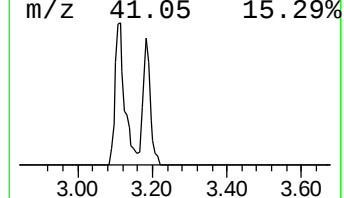
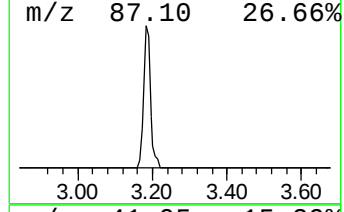
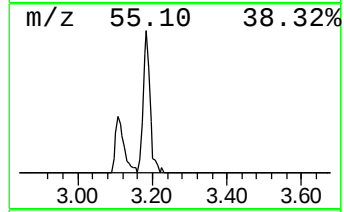
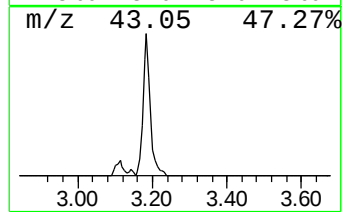
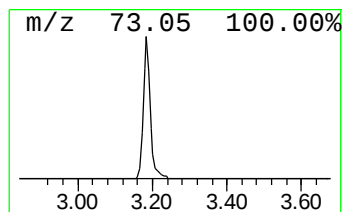
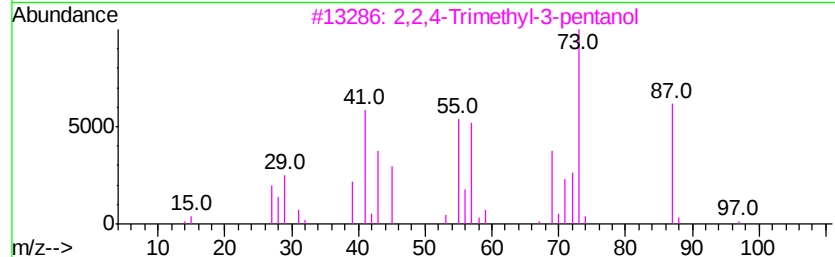
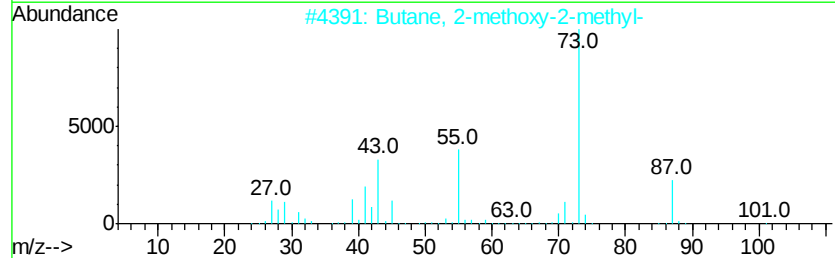
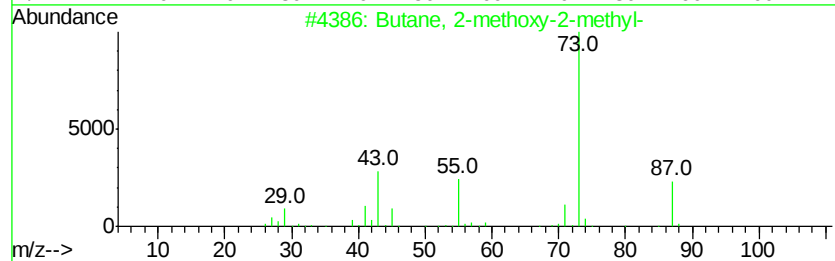
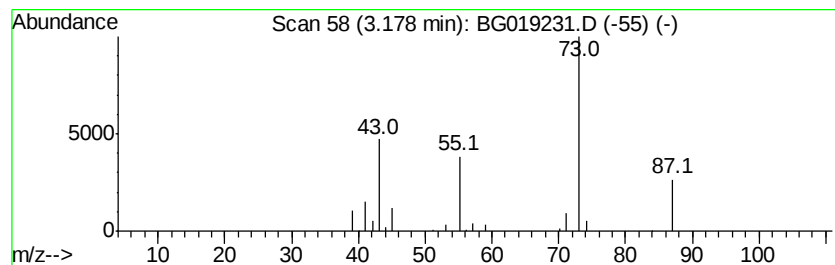
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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.
3.18	11.56 ng/ul	54557	1,4-Dichlorobenzene-d4	8.00

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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35



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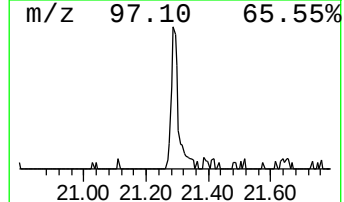
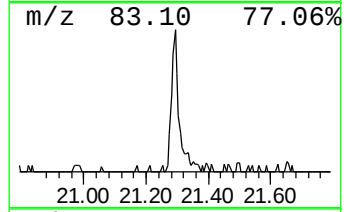
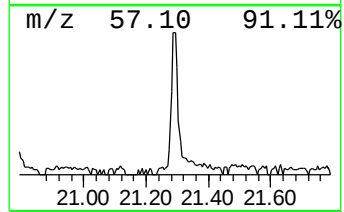
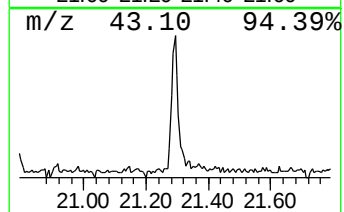
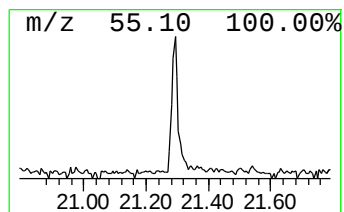
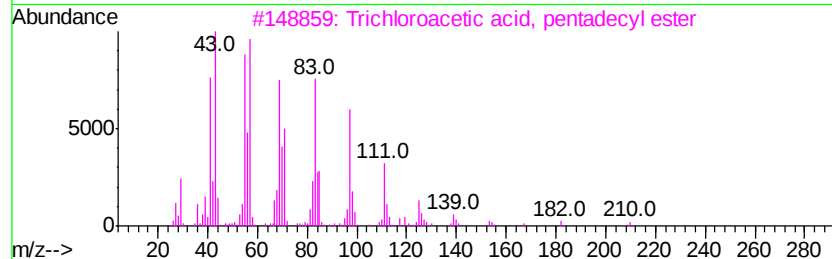
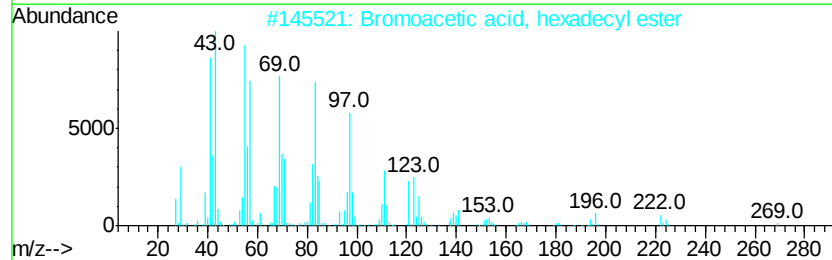
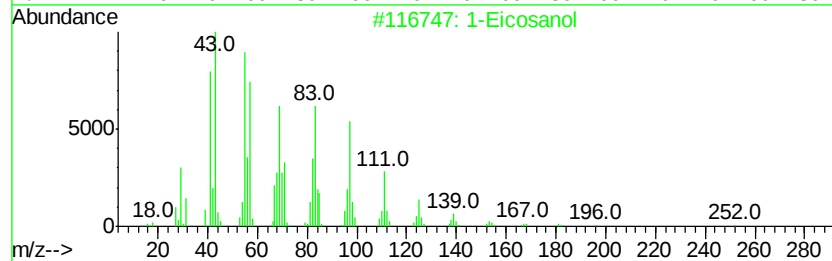
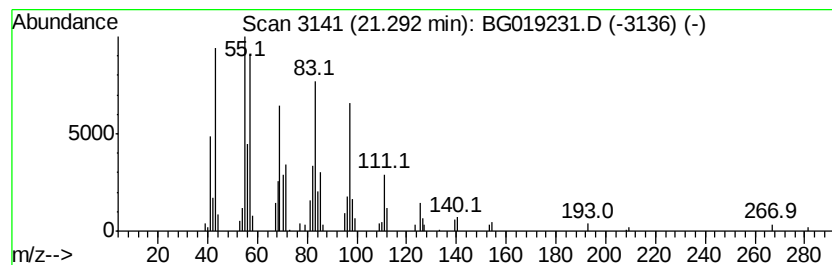
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Peak Number 4 1-Eicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.11 ng/ul	70333	Chrysene-d12	21.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosanol		298 C20H42O	000629-96-9 93
2	Bromoacetic acid, hexadecyl ester		362 C18H35BrO2	005454-48-8 91
3	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 91
4	17-Pentatriacontene		491 C35H70	006971-40-0 91
5	5-Eicosene, (E)-		280 C20H40	074685-30-6 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	11.6	ng/ul	54557	1	8.00	94391	20.0
1-Eicosanol	21.29	3.1	ng/ul	70333	5	21.64	451989	20.0