

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
 Data File : BM000224.D
 Acq On : 16 Jan 2015 06:34
 Operator : TP/IZ
 Sample : G1066-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AQ6

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_M\METHODS\SOM01.2-EPA-BM122914.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	2.781	12	16	24	rVB3	25711	49520	1.89%	0.150%
2	2.987	46	51	59	rBV	274342	435593	16.59%	1.319%
3	3.057	59	63	76	rVB	744974	942903	35.91%	2.855%
4	3.293	99	103	106	rBV	57586	79894	3.04%	0.242%
5	3.457	129	131	136	rVB6	3342	3678	0.14%	0.011%
6	3.593	148	154	156	rBV4	4815	9027	0.34%	0.027%
7	3.763	181	183	186	rBV3	2515	3293	0.13%	0.010%
8	3.869	197	201	205	rBV4	8145	11463	0.44%	0.035%
9	3.946	212	214	218	rBV4	3371	3922	0.15%	0.012%
10	4.569	313	320	326	rVB3	36865	54358	2.07%	0.165%
11	4.957	381	386	394	rBV3	14907	24509	0.93%	0.074%
12	5.310	444	446	449	rVB3	3340	3022	0.12%	0.009%
13	5.369	453	456	459	rBV5	3151	3719	0.14%	0.011%
14	5.781	522	526	529	rBV3	3872	3999	0.15%	0.012%
15	5.904	541	547	550	rBV3	5122	7842	0.30%	0.024%
16	5.975	555	559	561	rBV3	2501	3585	0.14%	0.011%
17	6.051	568	572	576	rBV5	4742	8265	0.31%	0.025%
18	6.828	702	704	706	rBV2	3327	3262	0.12%	0.010%
19	6.887	709	714	717	rBV3	1963	3561	0.14%	0.011%
20	6.987	724	731	742	rBV	444158	757401	28.85%	2.293%
21	7.163	754	761	768	rBV	297743	476125	18.13%	1.442%
22	7.357	788	794	801	rBV	416911	651383	24.81%	1.972%
23	7.451	805	810	815	rVB	21271	32159	1.22%	0.097%
24	7.828	867	874	881	rBV	725252	1102783	42.00%	3.339%
25	7.887	882	884	890	rVV2	6259	6647	0.25%	0.020%
26	8.522	986	992	1002	rBV	532234	851291	32.42%	2.578%
27	8.981	1064	1070	1079	rBV	402864	672722	25.62%	2.037%
28	9.228	1107	1112	1113	rBV3	2108	3237	0.12%	0.010%
29	9.398	1134	1141	1144	rBV3	7176	10378	0.40%	0.031%
30	9.704	1180	1193	1205	rBV	329494	599150	22.82%	1.814%
31	10.233	1276	1283	1293	rBV	509391	852793	32.48%	2.582%
32	10.616	1341	1348	1356	rBV	895703	1523171	58.01%	4.612%
33	10.751	1364	1371	1385	rBV	394956	703070	26.78%	2.129%
34	11.933	1567	1572	1577	rVB3	21839	34422	1.31%	0.104%

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35	12.204	1615	1618	1623	rVB4	6242	8383	0.32%	0.025%
36	13.280	1798	1801	1806	rBV3	5759	8092	0.31%	0.025%
37	13.545	1844	1846	1850	rBV2	2040	2966	0.11%	0.009%
38	13.663	1864	1866	1872	rBV3	2064	3279	0.12%	0.010%
39	13.869	1895	1901	1905	rBV	968233	1322866	50.38%	4.006%
40	13.916	1905	1909	1917	rVB	192216	263275	10.03%	0.797%
41	14.098	1935	1940	1942	rBV2	3971	4010	0.15%	0.012%
42	14.157	1942	1950	1957	rBV	945922	1430712	54.49%	4.332%
43	14.363	1980	1985	1987	rBV2	7667	8507	0.32%	0.026%
44	14.463	1995	2002	2010	rBV	1355756	1981761	75.47%	6.001%
45	14.551	2015	2017	2023	rVB3	2421	3164	0.12%	0.010%
46	14.651	2026	2034	2044	rBV2	358800	600442	22.87%	1.818%
47	14.733	2044	2048	2054	rVB4	18597	31709	1.21%	0.096%
48	14.810	2059	2061	2065	rVV2	4035	5011	0.19%	0.015%
49	15.280	2137	2141	2145	rBV	31421	39863	1.52%	0.121%
50	15.457	2164	2171	2182	rBV	1264717	1859607	70.82%	5.631%
51	15.568	2184	2190	2198	rBV	348917	486977	18.55%	1.475%
52	15.692	2208	2211	2217	rVB3	13540	17077	0.65%	0.052%
53	15.821	2227	2233	2240	rBV	98937	135823	5.17%	0.411%
54	16.174	2289	2293	2300	rBV5	2688	5602	0.21%	0.017%
55	16.239	2300	2304	2306	rVV2	3504	3487	0.13%	0.011%
56	16.410	2328	2333	2335	rVB5	5853	6844	0.26%	0.021%
57	16.680	2377	2379	2384	rVB3	4000	5864	0.22%	0.018%
58	16.804	2398	2400	2405	rBV3	2262	3224	0.12%	0.010%
59	16.992	2428	2432	2437	rVB3	6429	10861	0.41%	0.033%
60	17.110	2450	2452	2456	rVB3	2978	3575	0.14%	0.011%
61	17.145	2456	2458	2461	rBV	3209	3176	0.12%	0.010%
62	17.204	2462	2468	2476	rVV2	1629889	2366889	90.14%	7.167%
63	17.304	2479	2485	2496	rVV	1407948	1956550	74.51%	5.925%
64	17.527	2522	2523	2525	rBV	5041	3465	0.13%	0.010%
65	17.751	2560	2561	2564	rVB2	4279	3364	0.13%	0.010%
66	17.780	2564	2566	2568	rBV	3343	3518	0.13%	0.011%
67	18.092	2614	2619	2629	rVV2	165684	247970	9.44%	0.751%
68	18.174	2631	2633	2637	rVB5	7840	11444	0.44%	0.035%
69	18.204	2637	2638	2639	rBV	6515	3451	0.13%	0.010%
70	18.380	2666	2668	2671	rVV3	3902	4905	0.19%	0.015%
71	18.856	2747	2749	2752	rVB3	4217	3279	0.12%	0.010%

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72	18.886	2752	2754	2757	rBV4	4146	5038	0.19%	0.015%
73	19.021	2774	2777	2778	rBV3	4999	5982	0.23%	0.018%
74	19.151	2797	2799	2800	rVV2	4769	2990	0.11%	0.009%
75	19.174	2800	2803	2804	rVV2	4387	3396	0.13%	0.010%
76	19.233	2810	2813	2817	rBV2	17440	26326	1.00%	0.080%
77	19.374	2833	2837	2842	rBV4	61997	84748	3.23%	0.257%
78	19.492	2852	2857	2860	rBV2	10232	14230	0.54%	0.043%
79	19.527	2860	2863	2864	rVV2	4988	4007	0.15%	0.012%
80	19.598	2869	2875	2881	rVV	1527272	2084139	79.37%	6.311%
81	19.639	2881	2882	2886	rVV3	18517	17623	0.67%	0.053%
82	19.674	2886	2888	2889	rVV2	4533	3404	0.13%	0.010%
83	19.692	2889	2891	2897	rVB4	5337	6840	0.26%	0.021%
84	19.827	2912	2914	2918	rBV3	4689	7002	0.27%	0.021%
85	19.939	2930	2933	2936	rBV5	6603	9355	0.36%	0.028%
86	20.009	2942	2945	2948	rBV3	4857	7187	0.27%	0.022%
87	20.039	2948	2950	2951	rBV2	5476	4212	0.16%	0.013%
88	20.109	2958	2962	2965	rBV6	8633	11334	0.43%	0.034%
89	20.239	2982	2984	2985	rVB2	5401	3273	0.12%	0.010%
90	20.350	3002	3003	3004	rBV	5825	2987	0.11%	0.009%
91	20.415	3012	3014	3016	rBV3	4906	5166	0.20%	0.016%
92	20.633	3046	3051	3055	rBV6	13085	27204	1.04%	0.082%
93	20.774	3073	3075	3076	rBV2	7494	3349	0.13%	0.010%
94	21.092	3125	3129	3138	rBV	554394	711270	27.09%	2.154%
95	21.392	3174	3180	3185	rBV	2059301	2625719	100.00%	7.951%
96	21.503	3196	3199	3202	rBV3	56824	58920	2.24%	0.178%
97	21.768	3242	3244	3246	rBV3	13357	10741	0.41%	0.033%
98	23.533	3537	3544	3556	rVB2	966502	1855377	70.66%	5.618%
99	23.680	3561	3569	3578	rBV	1282921	2497200	95.11%	7.562%
100	24.297	3671	3674	3680	rVB5	74007	132506	5.05%	0.401%

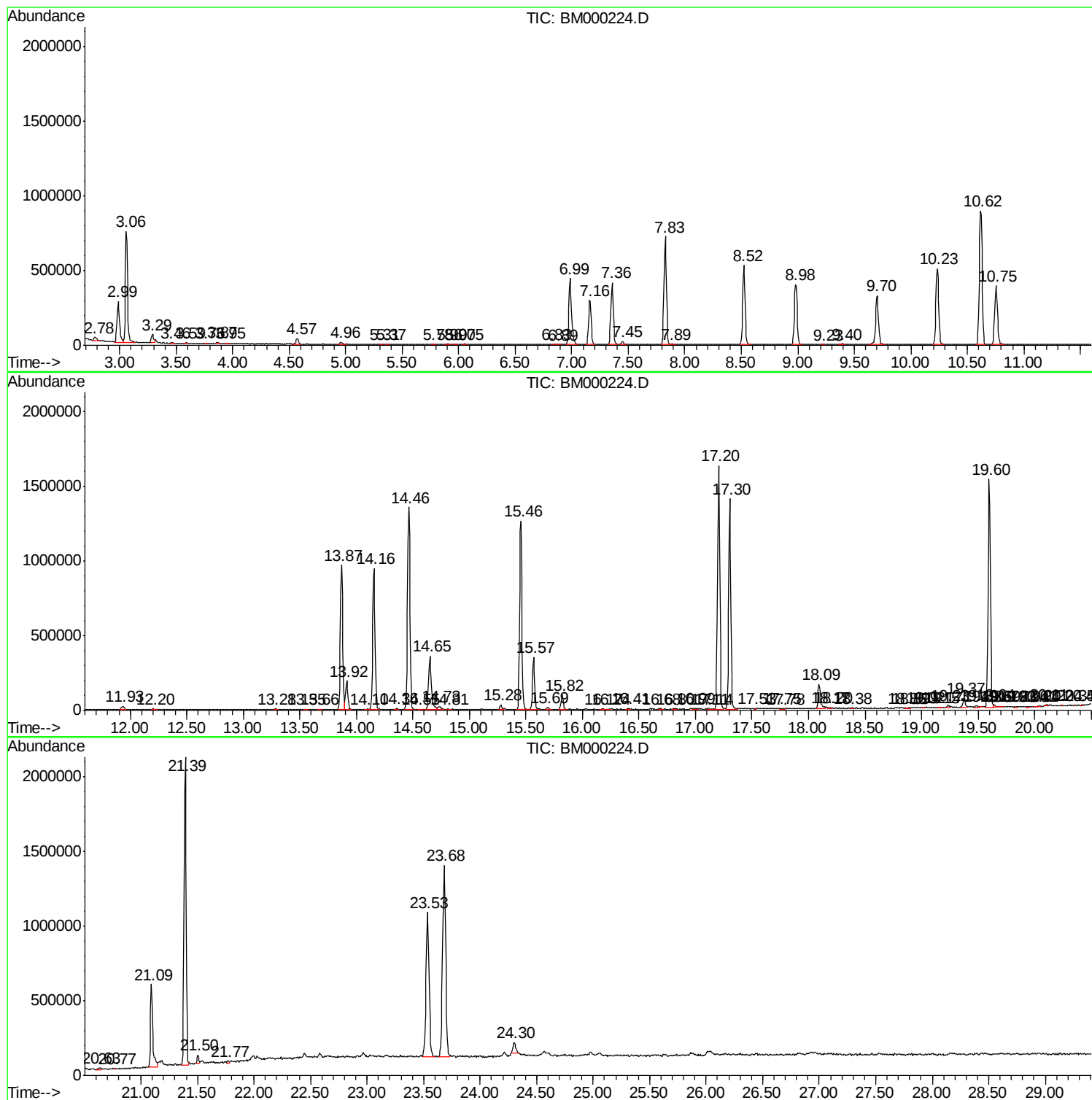
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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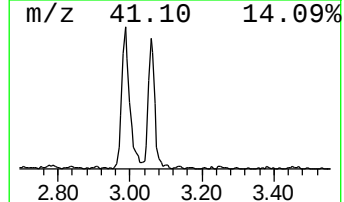
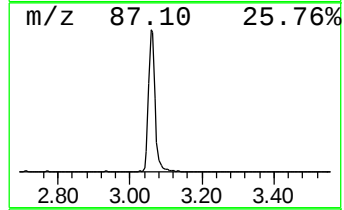
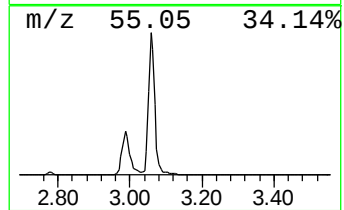
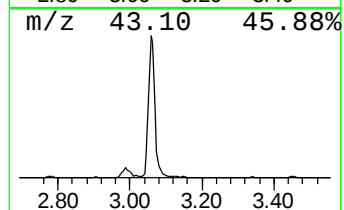
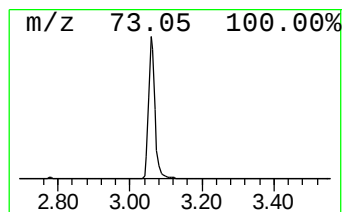
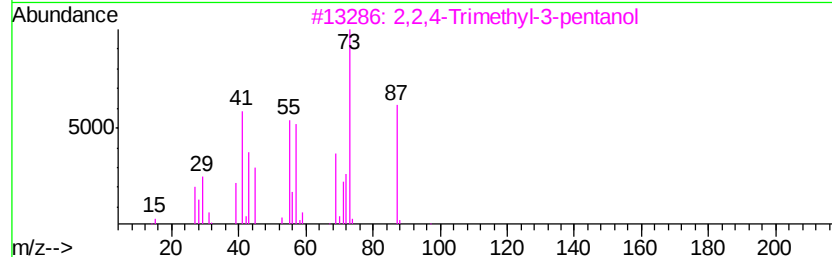
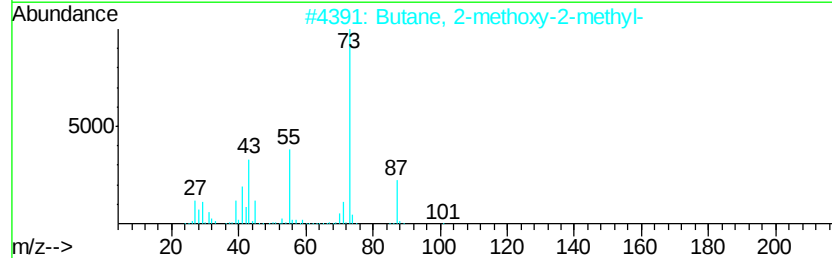
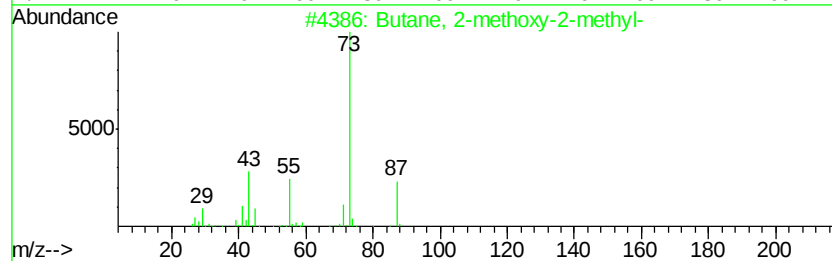
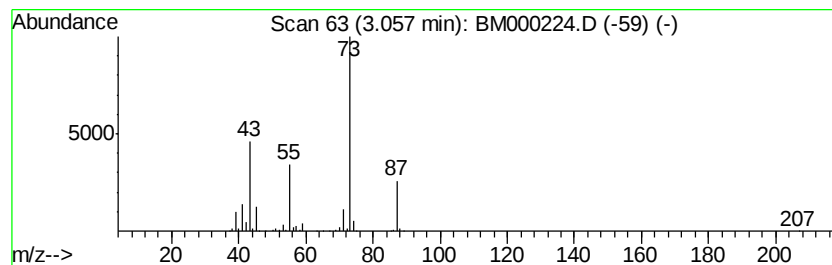
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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.
3.06	17.10 ng/ul	942903	1,4-Dichlorobenzene-d4	7.83

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	35
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17



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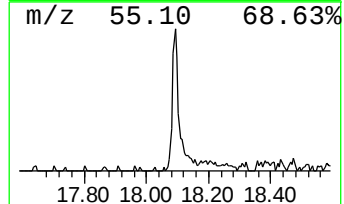
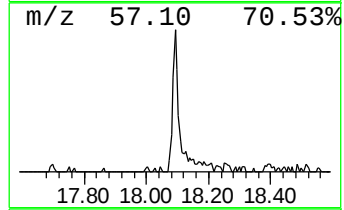
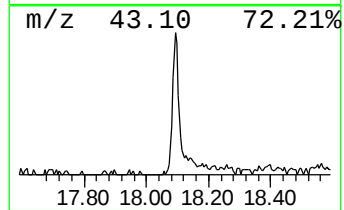
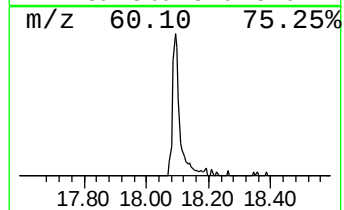
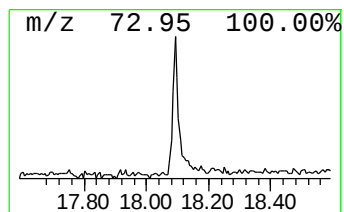
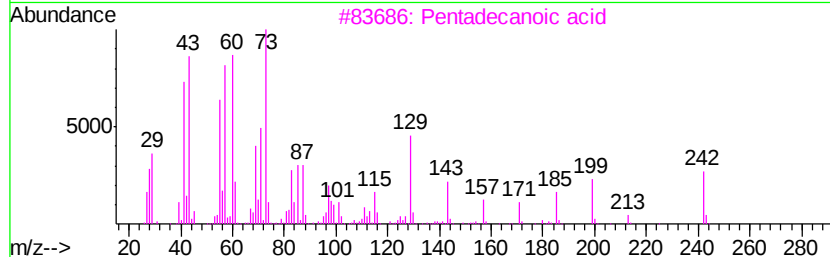
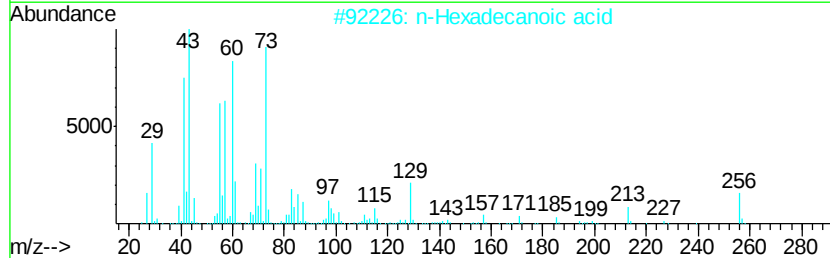
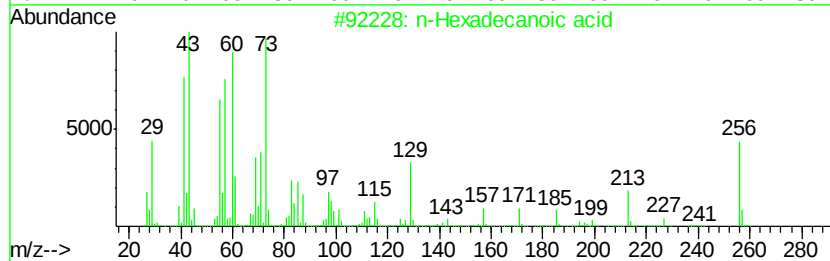
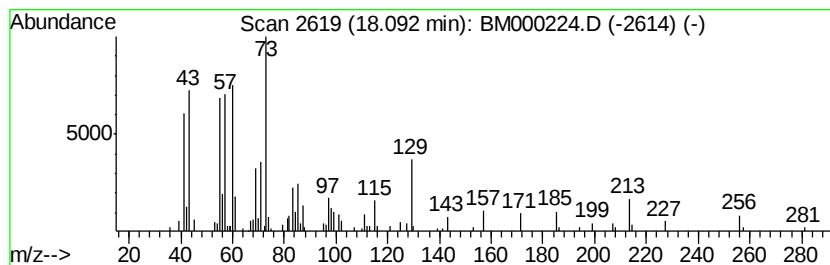
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.10 ng/ul	247970	Phenanthrene-d10	17.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	



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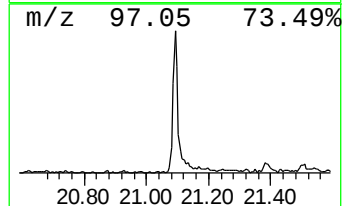
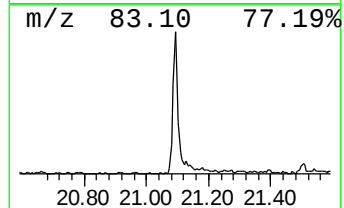
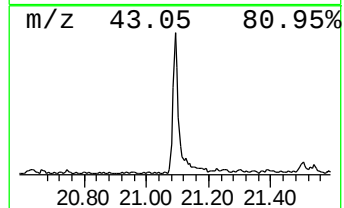
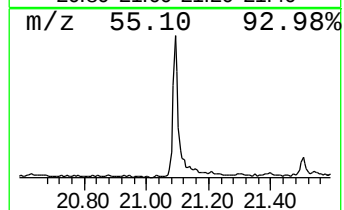
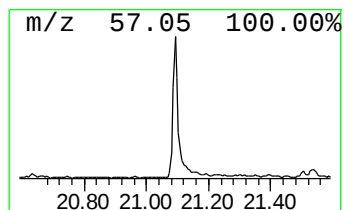
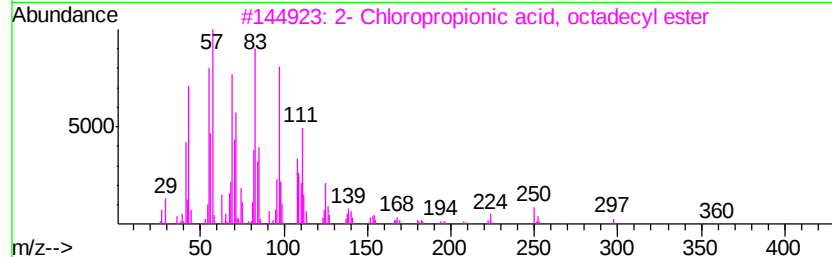
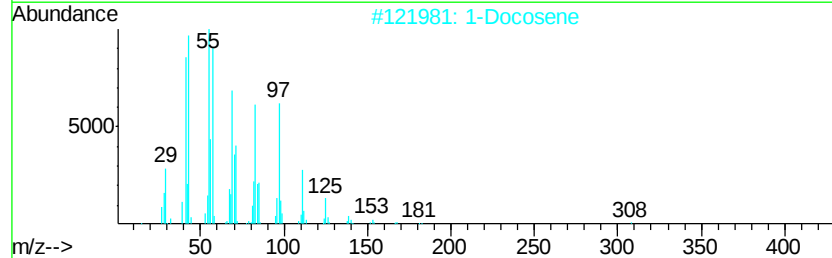
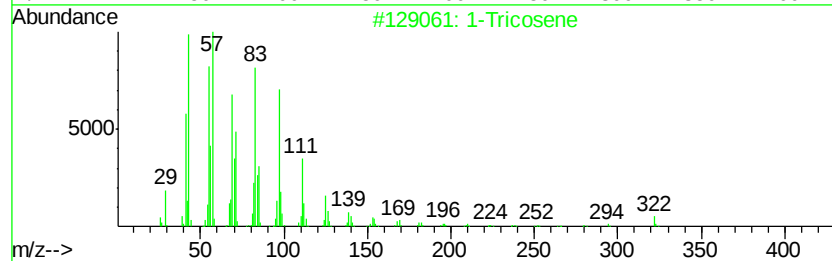
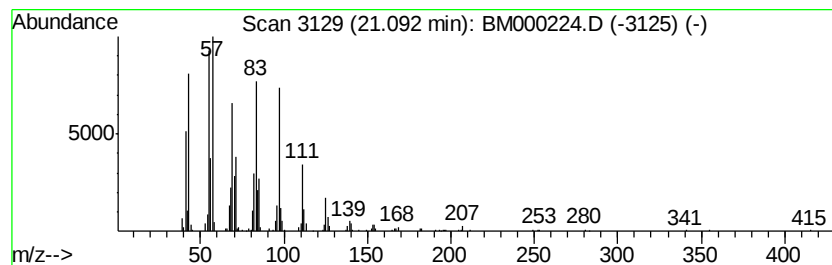
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	5.42 ng/ul	711270	Chrysene-d12	21.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	91
2	1-Docosene		308	C22H44	001599-67-3	91
3	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	83
4	Cyclooctacosane		392	C28H56	000297-24-5	83
5	10-Heneicosene (c,t)		294	C21H42	095008-11-0	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000224.D
Acq On : 16 Jan 2015 06:34
Operator : TP/IZ
Sample : G1066-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.06	17.1	ng/ul	942903	1	7.83	1102780	20.0
n-Hexadecanoic acid	18.09	2.1	ng/ul	247970	4	17.20	2366890	20.0
1-Tricosene	21.09	5.4	ng/ul	711270	5	21.39	2625720	20.0