

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019352.D
 Acq On : 25 Oct 2015 1:26
 Operator : UM/NP
 Sample : G4075-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J0

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-BG102315.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	2.984	22	25	29	rBV3	2330	3690	0.16%	0.013%
2	3.207	59	63	72	rBV2	41232	82001	3.58%	0.295%
3	3.289	72	77	85	rVV	160267	253351	11.05%	0.910%
4	3.566	117	124	131	rBV2	11691	19284	0.84%	0.069%
5	3.853	170	173	180	rBV2	4788	8430	0.37%	0.030%
6	4.341	254	256	259	rBV2	3090	3179	0.14%	0.011%
7	5.299	416	419	423	rVB4	3384	4301	0.19%	0.015%
8	5.569	459	465	468	rVB	1831	3394	0.15%	0.012%
9	5.634	471	476	481	rVV3	4818	6730	0.29%	0.024%
10	5.875	512	517	520	rBV3	2493	3880	0.17%	0.014%
11	6.286	583	587	590	rBV2	3019	3399	0.15%	0.012%
12	7.214	740	745	750	rVB5	12012	19367	0.84%	0.070%
13	7.390	767	775	786	rVB	341469	608200	26.53%	2.185%
14	7.555	797	803	812	rVB	253252	414950	18.10%	1.491%
15	7.649	815	819	824	rVB3	2574	3479	0.15%	0.013%
16	7.772	831	840	847	rBV	350192	595852	25.99%	2.141%
17	8.242	912	920	927	rVV	324944	540008	23.55%	1.940%
18	8.436	948	953	955	rBV	2603	2895	0.13%	0.010%
19	8.795	1011	1014	1021	rVB2	2663	4020	0.18%	0.014%
20	8.947	1032	1040	1048	rBV	427970	756462	32.99%	2.718%
21	9.417	1112	1120	1128	rBV	345446	619841	27.03%	2.227%
22	9.517	1130	1137	1144	rBV2	23015	41495	1.81%	0.149%
23	9.811	1181	1187	1190	rBV3	5578	10180	0.44%	0.037%
24	10.140	1236	1243	1251	rBV	328819	597942	26.08%	2.149%
25	10.281	1264	1267	1272	rVB	1890	2895	0.13%	0.010%
26	10.352	1275	1279	1283	rVV3	3890	6234	0.27%	0.022%
27	10.687	1328	1336	1345	rBV	501506	895219	39.05%	3.217%
28	10.828	1355	1360	1367	rBV3	8003	13391	0.58%	0.048%
29	11.074	1394	1402	1411	rVB	416144	761172	33.20%	2.735%
30	11.198	1416	1423	1430	rBV	358836	657109	28.66%	2.361%
31	11.251	1430	1432	1437	rVB2	4043	5300	0.23%	0.019%
32	11.580	1487	1488	1494	rVB	2748	3652	0.16%	0.013%
33	11.644	1494	1499	1505	rVB2	2591	5308	0.23%	0.019%
34	11.826	1524	1530	1534	rBV3	7460	13304	0.58%	0.048%

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35	12.467	1634	1639	1641	rBV	1881	3055	0.13%	0.011%
36	12.637	1664	1668	1674	rVB	8959	11085	0.48%	0.040%
37	13.125	1747	1751	1752	rBV3	2938	3550	0.15%	0.013%
38	13.231	1762	1769	1775	rBV2	15262	25617	1.12%	0.092%
39	13.472	1804	1810	1817	rBV	18435	29079	1.27%	0.104%
40	13.583	1828	1829	1834	rVV	2109	2941	0.13%	0.011%
41	13.748	1853	1857	1861	rBV3	5535	8108	0.35%	0.029%
42	13.824	1868	1870	1874	rVB2	2837	3331	0.15%	0.012%
43	14.047	1902	1908	1912	rVB5	4236	8716	0.38%	0.031%
44	14.265	1937	1945	1949	rBV	833267	1283114	55.96%	4.611%
45	14.306	1949	1952	1960	rVB	465869	628292	27.40%	2.258%
46	14.482	1977	1982	1986	rBV5	5824	9182	0.40%	0.033%
47	14.559	1987	1995	2002	rVV	897013	1422832	62.06%	5.113%
48	14.741	2021	2026	2028	rBV4	6837	9507	0.41%	0.034%
49	14.864	2037	2047	2055	rBV2	726800	1163296	50.74%	4.180%
50	14.935	2057	2059	2062	rBV4	2922	2899	0.13%	0.010%
51	15.040	2068	2077	2084	rBV	412095	652665	28.47%	2.345%
52	15.187	2099	2102	2107	rBV5	6352	10497	0.46%	0.038%
53	15.240	2109	2111	2117	rVV5	9081	14200	0.62%	0.051%
54	15.352	2126	2130	2134	rBV5	5073	10988	0.48%	0.039%
55	15.410	2138	2140	2146	rVB6	2797	5672	0.25%	0.020%
56	15.551	2158	2164	2166	rVB5	2829	3757	0.16%	0.013%
57	15.593	2168	2171	2172	rBV3	4118	3098	0.14%	0.011%
58	15.640	2175	2179	2183	rVV3	15373	24410	1.06%	0.088%
59	15.675	2183	2185	2189	rVB3	17731	23910	1.04%	0.086%
60	15.851	2204	2215	2224	rBV	1251817	1890826	82.47%	6.794%
61	15.951	2224	2232	2240	rBV	457610	676300	29.50%	2.430%
62	16.086	2250	2255	2261	rBV4	21692	35289	1.54%	0.127%
63	16.174	2269	2270	2272	rBV2	3634	3643	0.16%	0.013%
64	16.239	2277	2281	2283	rBV5	5366	5342	0.23%	0.019%
65	16.298	2290	2291	2296	rVB4	4578	5527	0.24%	0.020%
66	16.368	2299	2303	2309	rVB7	4658	7641	0.33%	0.027%
67	16.474	2318	2321	2322	rBV3	4234	4014	0.18%	0.014%
68	16.515	2324	2328	2329	rBV4	5113	5581	0.24%	0.020%
69	16.544	2329	2333	2336	rBV2	26201	38298	1.67%	0.138%
70	16.668	2351	2354	2355	rBV3	3912	3457	0.15%	0.012%
71	16.680	2355	2356	2358	rVV2	5567	3589	0.16%	0.013%

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72	16.721	2358	2363	2370	rVV3	20402	35649	1.55%	0.128%
73	17.108	2426	2429	2430	rBV3	3835	4389	0.19%	0.016%
74	17.155	2433	2437	2440	rBV5	4429	7253	0.32%	0.026%
75	17.197	2442	2444	2446	rBV3	3945	2901	0.13%	0.010%
76	17.332	2463	2467	2472	rBV2	34151	45150	1.97%	0.162%
77	17.390	2472	2477	2481	rVV5	15922	24954	1.09%	0.090%
78	17.420	2481	2482	2484	rVB2	6345	3045	0.13%	0.011%
79	17.526	2499	2500	2503	rVB3	6318	3958	0.17%	0.014%
80	17.602	2506	2513	2520	rBV2	954904	1468501	64.05%	5.277%
81	17.702	2524	2530	2539	rVB2	1338659	2051725	89.49%	7.372%
82	17.866	2556	2558	2560	rBV3	5615	6674	0.29%	0.024%
83	17.955	2569	2573	2577	rBV5	31836	40373	1.76%	0.145%
84	18.078	2589	2594	2597	rVB3	25777	36764	1.60%	0.132%
85	18.184	2608	2612	2614	rBV4	7229	9441	0.41%	0.034%
86	18.248	2621	2623	2625	rBV3	8548	7390	0.32%	0.027%
87	18.319	2633	2635	2636	rBV2	7215	4115	0.18%	0.015%
88	18.348	2636	2640	2644	rVV6	14527	28811	1.26%	0.104%
89	18.466	2655	2660	2668	rBV2	257899	356139	15.53%	1.280%
90	18.754	2707	2709	2713	rBV4	17351	26244	1.14%	0.094%
91	19.024	2751	2755	2756	rBV4	17429	24469	1.07%	0.088%
92	19.606	2852	2854	2858	rVB3	25606	29360	1.28%	0.105%
93	19.723	2871	2874	2877	rBV5	52096	62935	2.74%	0.226%
94	19.870	2896	2899	2903	rVB3	118667	151403	6.60%	0.544%
95	19.970	2911	2916	2922	rVB	1548902	2292787	100.00%	8.239%
96	20.910	3073	3076	3080	rBV3	82017	102403	4.47%	0.368%
97	21.497	3172	3176	3181	rVB2	244747	328370	14.32%	1.180%
98	21.891	3237	3243	3250	rVB	1053059	1697614	74.04%	6.100%
99	25.058	3773	3782	3794	rVB	785532	2292196	99.97%	8.236%
100	25.299	3814	3823	3835	rVB2	526823	1671854	72.92%	6.007%

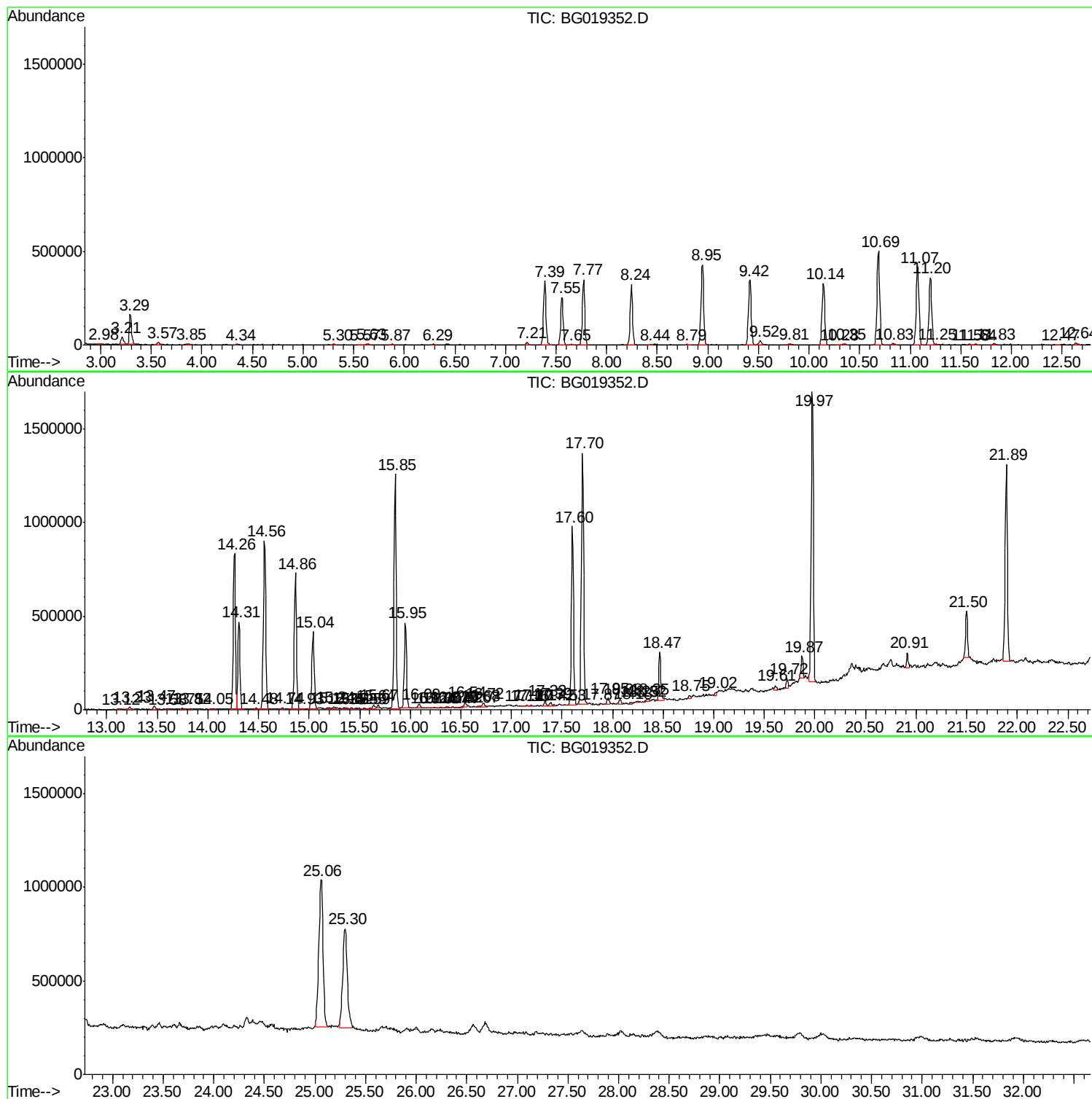
Sum of corrected areas: 27830089

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



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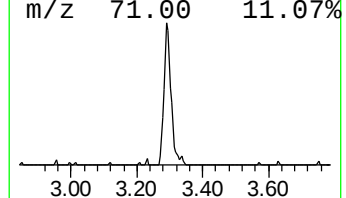
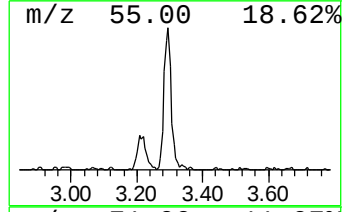
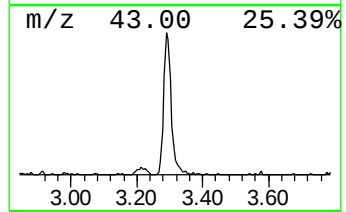
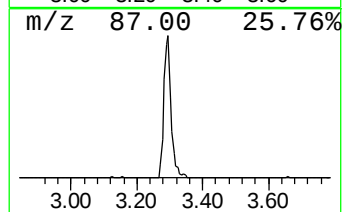
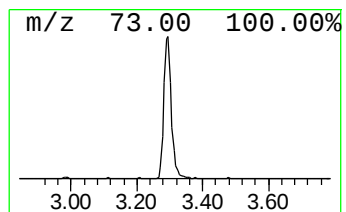
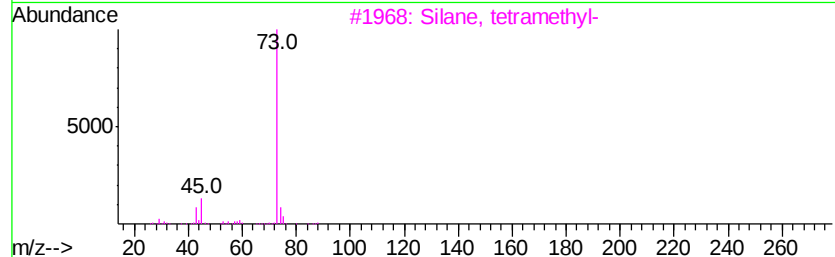
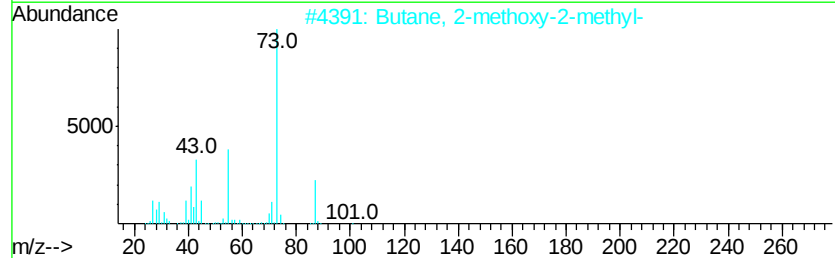
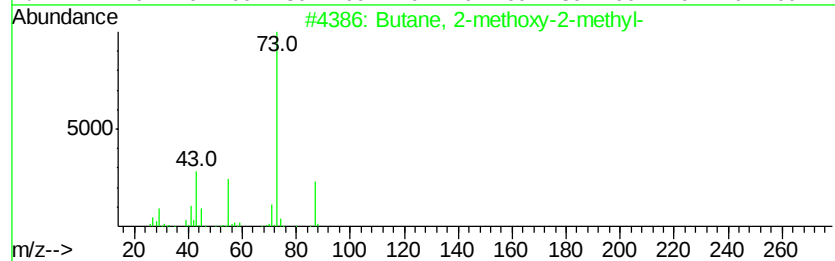
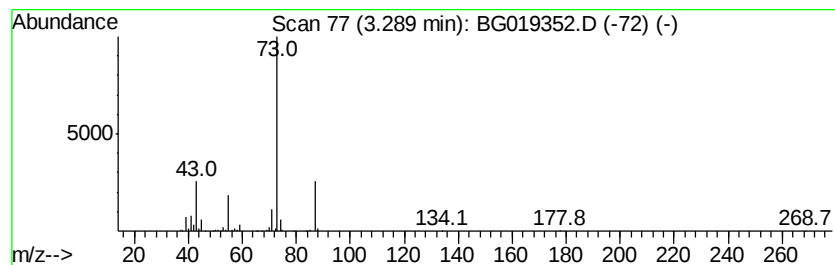
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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.
3.29	9.38 ng/ul	253351	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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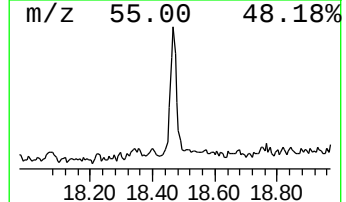
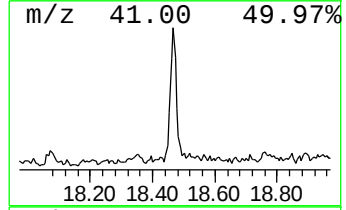
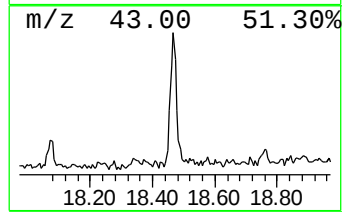
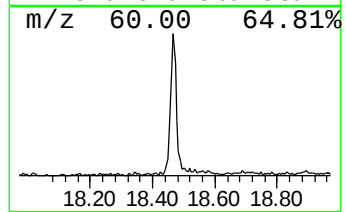
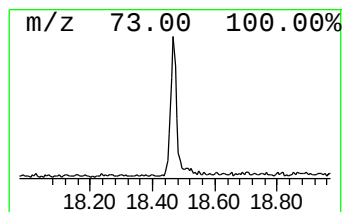
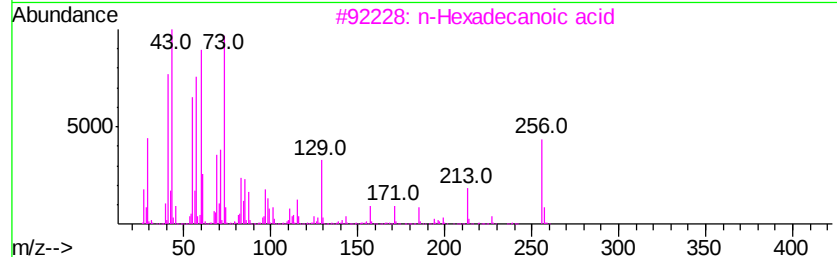
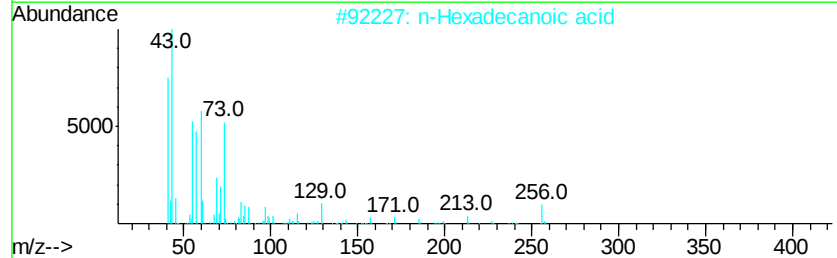
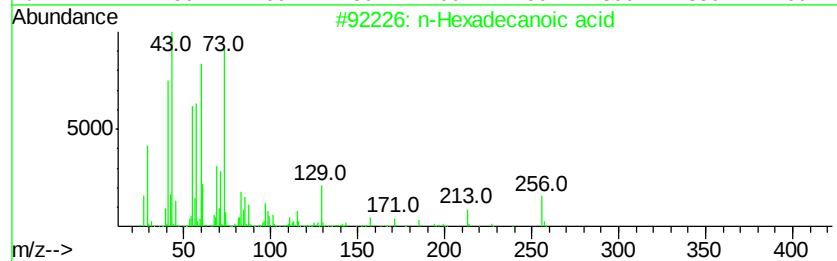
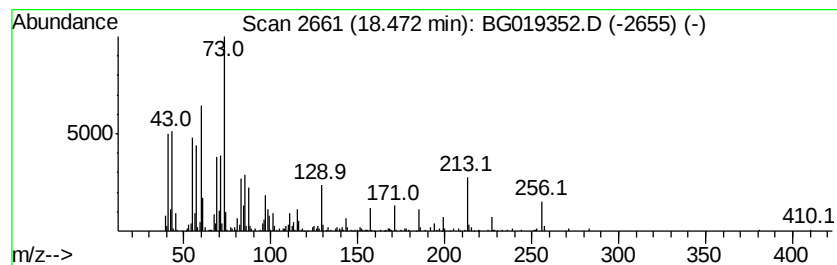
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.85 ng/ul	356139	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	47



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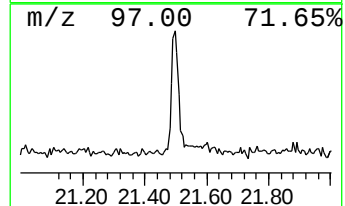
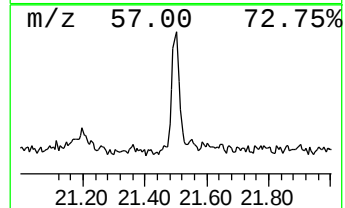
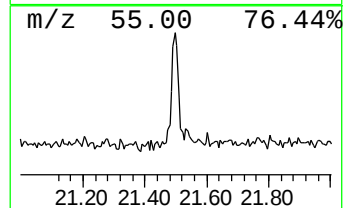
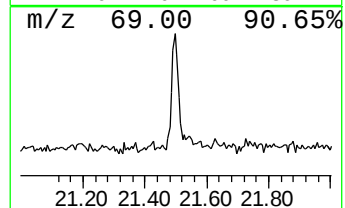
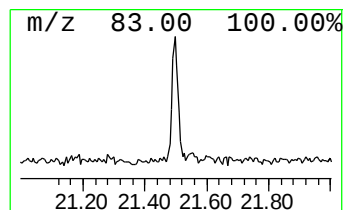
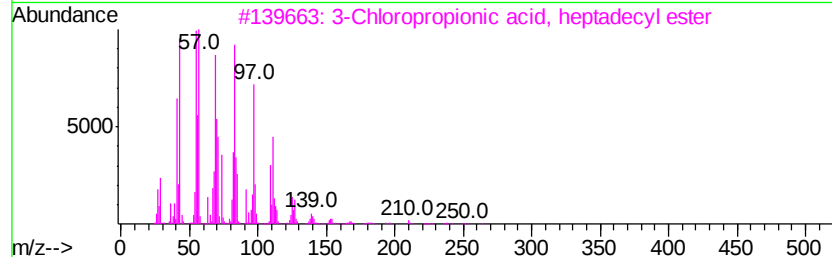
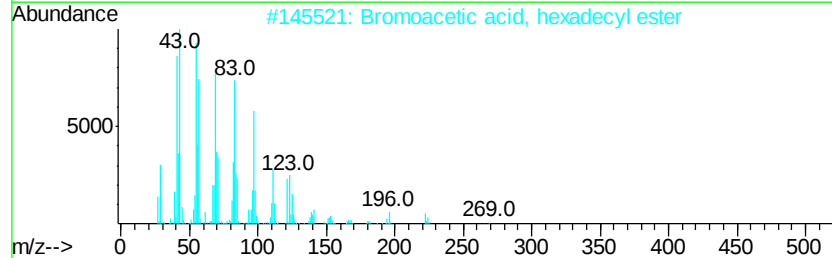
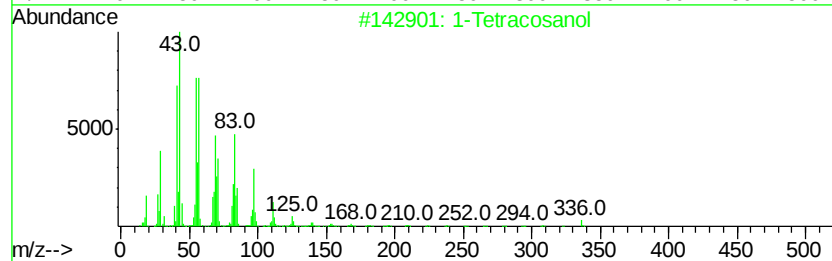
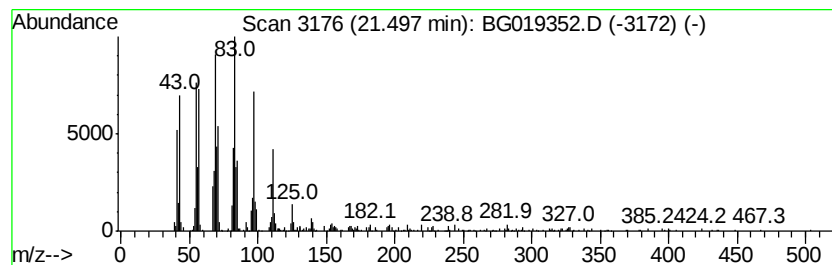
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Peak Number 4 1-Tetracosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.87 ng/ul	328370	Chrysene-d12	21.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tetracosanol	354 C24H50O	000506-51-4	91
2	Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8	90
3	3-Chloropropionic acid, heptadec...	346 C20H39ClO2	1000283-05-1	90
4	Cyclopentadecane	210 C15H30	000295-48-7	87
5	1-Heptadecanol	256 C17H36O	001454-85-9	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019352.D
Acq On : 25 Oct 2015 1:26
Operator : UM/NP
Sample : G4075-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.29	9.4	ng/ul	253351	1	8.24	540008	20.0
n-Hexadecanoic acid	18.47	4.8	ng/ul	356139	4	17.60	1468500	20.0
1-Tetracosanol	21.50	3.9	ng/ul	328370	5	21.89	1697610	20.0