

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
 Data File : BG018528.D
 Acq On : 29 Aug 2015 00:47
 Operator : UM/MA
 Sample : G3448-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

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-BG080915.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	2.893	5	9	13	rVB2	24532	30025	1.25%	0.100%
2	3.110	41	46	54	rBV3	61773	107815	4.50%	0.360%
3	3.186	54	59	70	rVV	633413	869730	36.29%	2.904%
4	3.263	70	72	79	rVB6	5344	6632	0.28%	0.022%
5	3.439	99	102	110	rBV6	9787	16248	0.68%	0.054%
6	3.715	145	149	157	rVB	8705	14570	0.61%	0.049%
7	4.009	195	199	207	rBV3	5902	10992	0.46%	0.037%
8	5.114	380	387	389	rBV6	5896	9489	0.40%	0.032%
9	6.206	570	573	577	rBV4	3940	5617	0.23%	0.019%
10	6.976	699	704	706	rBV3	4266	6404	0.27%	0.021%
11	7.005	706	709	712	rVB3	3976	5795	0.24%	0.019%
12	7.170	730	737	749	rBV	355989	604585	25.23%	2.019%
13	7.334	758	765	776	rVB	306907	484617	20.22%	1.618%
14	7.540	791	800	808	rBV	350898	595102	24.83%	1.987%
15	8.010	872	880	887	rBV	279605	461919	19.27%	1.543%
16	8.709	992	999	1012	rBV	477356	809071	33.76%	2.702%
17	9.168	1068	1077	1087	rBV	346050	602058	25.12%	2.011%
18	9.285	1089	1097	1101	rBV6	6357	14909	0.62%	0.050%
19	9.890	1193	1200	1208	rVV	281494	485275	20.25%	1.621%
20	10.431	1284	1292	1300	rBV	514914	872881	36.42%	2.915%
21	10.813	1349	1357	1367	rVB	416613	756873	31.58%	2.528%
22	10.942	1372	1379	1387	rBV	447203	806022	33.63%	2.692%
23	11.700	1500	1508	1511	rVV4	19806	40417	1.69%	0.135%
24	11.741	1512	1515	1525	rVB3	16876	37083	1.55%	0.124%
25	12.023	1560	1563	1570	rVB4	2573	5432	0.23%	0.018%
26	12.998	1724	1729	1733	rBV3	5494	10322	0.43%	0.034%
27	13.239	1766	1770	1777	rBV6	12946	22178	0.93%	0.074%
28	14.038	1900	1906	1910	rVV	884205	1265443	52.80%	4.226%
29	14.085	1910	1914	1922	rVB	451895	624211	26.04%	2.085%
30	14.332	1949	1956	1963	rVB	1032927	1610016	67.18%	5.377%
31	14.532	1985	1990	1995	rVB5	6572	11214	0.47%	0.037%
32	14.638	2000	2008	2017	rBV2	717710	1144150	47.74%	3.821%
33	14.696	2017	2018	2023	rVB3	4341	5948	0.25%	0.020%
34	14.826	2030	2040	2053	rBV	443426	700322	29.22%	2.339%

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35	15.037	2071	2076	2080	rBV6	6565	10728	0.45%	0.036%
36	15.366	2128	2132	2138	rVB	12729	21051	0.88%	0.070%
37	15.431	2138	2143	2148	rBV3	10590	16617	0.69%	0.055%
38	15.484	2148	2152	2155	rVB3	17202	22536	0.94%	0.075%
39	15.625	2170	2176	2183	rBV	1327474	1982365	82.71%	6.620%
40	15.678	2183	2185	2189	rVB5	5822	5375	0.22%	0.018%
41	15.736	2189	2195	2201	rBV	291724	440203	18.37%	1.470%
42	15.866	2213	2217	2224	rVB5	11487	24669	1.03%	0.082%
43	15.983	2234	2237	2243	rVB8	6242	9201	0.38%	0.031%
44	16.095	2253	2256	2260	rBV6	4796	6006	0.25%	0.020%
45	16.342	2294	2298	2301	rBV2	28273	39893	1.66%	0.133%
46	16.371	2301	2303	2306	rVV2	16576	16380	0.68%	0.055%
47	16.406	2308	2309	2315	rVB5	5622	8030	0.34%	0.027%
48	16.465	2315	2319	2323	rBV	18025	29461	1.23%	0.098%
49	16.524	2323	2329	2333	rVB6	18083	29916	1.25%	0.100%
50	16.582	2333	2339	2343	rBV3	17798	25717	1.07%	0.086%
51	16.624	2343	2346	2351	rVB5	10381	14021	0.59%	0.047%
52	16.676	2351	2355	2356	rBV3	8009	8016	0.33%	0.027%
53	16.782	2369	2373	2380	rVB6	12388	25108	1.05%	0.084%
54	16.847	2380	2384	2390	rBV	16336	28349	1.18%	0.095%
55	16.923	2393	2397	2405	rVB5	12259	19984	0.83%	0.067%
56	17.135	2427	2433	2436	rBV	30812	39258	1.64%	0.131%
57	17.381	2468	2475	2480	rBV2	974523	1453182	60.63%	4.853%
58	17.423	2480	2482	2485	rVV2	35569	39858	1.66%	0.133%
59	17.481	2485	2492	2501	rVB2	1422505	2229784	93.04%	7.446%
60	17.658	2519	2522	2527	rVB5	6426	8086	0.34%	0.027%
61	17.740	2531	2536	2539	rBV7	5845	10753	0.45%	0.036%
62	17.781	2541	2543	2545	rVV3	5621	5843	0.24%	0.020%
63	17.875	2555	2559	2562	rVB	23439	27502	1.15%	0.092%
64	17.975	2574	2576	2579	rVB4	6237	5705	0.24%	0.019%
65	18.269	2621	2626	2636	rBV	262411	417954	17.44%	1.396%
66	18.562	2674	2676	2679	rBV4	6489	6642	0.28%	0.022%
67	18.586	2679	2680	2684	rVB4	5101	6063	0.25%	0.020%
68	18.692	2692	2698	2699	rVB6	5268	6415	0.27%	0.021%
69	18.750	2705	2708	2711	rBV5	6087	7254	0.30%	0.024%
70	18.991	2747	2749	2752	rBV3	6062	7548	0.31%	0.025%
71	19.426	2818	2823	2830	rBV	46801	68863	2.87%	0.230%

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72	19.532	2836	2841	2848	rBV3	74899	124703	5.20%	0.416%
73	19.614	2853	2855	2856	rVV2	9358	8360	0.35%	0.028%
74	19.649	2859	2861	2863	rVV2	19687	24994	1.04%	0.083%
75	19.685	2863	2867	2872	rVV	460087	495892	20.69%	1.656%
76	19.761	2874	2880	2891	rVB2	1655923	2396711	100.00%	8.004%
77	19.943	2909	2911	2912	rBV2	8885	6460	0.27%	0.022%
78	20.102	2935	2938	2940	rBV4	10409	11800	0.49%	0.039%
79	20.202	2951	2955	2959	rBV6	16035	26749	1.12%	0.089%
80	20.278	2966	2968	2969	rBV2	9816	8923	0.37%	0.030%
81	20.372	2983	2984	2988	rVB3	11095	8926	0.37%	0.030%
82	20.678	3034	3036	3039	rBV3	10750	15103	0.63%	0.050%
83	20.725	3039	3044	3050	rVB	398818	456650	19.05%	1.525%
84	21.295	3136	3141	3155	rBV5	85302	298466	12.45%	0.997%
85	21.530	3176	3181	3188	rVB	225880	316738	13.22%	1.058%
86	21.641	3193	3200	3205	rBV	943215	1575927	65.75%	5.263%
87	21.976	3255	3257	3258	rBV2	14613	12684	0.53%	0.042%
88	22.893	3411	3413	3416	rBV4	7773	7909	0.33%	0.026%
89	23.545	3522	3524	3526	rBV3	6769	7391	0.31%	0.025%
90	23.815	3566	3570	3572	rBV5	12715	14313	0.60%	0.048%
91	23.921	3586	3588	3589	rBV2	9932	8656	0.36%	0.029%
92	24.620	3696	3707	3718	rBV	865350	2329760	97.21%	7.780%
93	24.837	3734	3744	3760	rVB3	553544	1556506	64.94%	5.198%
94	25.025	3774	3776	3777	rBV2	9889	6669	0.28%	0.022%
95	25.995	3939	3941	3942	rBV2	11215	9595	0.40%	0.032%
96	26.389	4006	4008	4009	rBV2	10481	7702	0.32%	0.026%
97	26.594	4041	4043	4044	rBV2	8139	5495	0.23%	0.018%
98	27.123	4131	4133	4137	rBV5	6882	9006	0.38%	0.030%
99	29.362	4512	4514	4516	rVB3	9462	6460	0.27%	0.022%
100	31.406	4860	4862	4866	rBV5	7155	8468	0.35%	0.028%

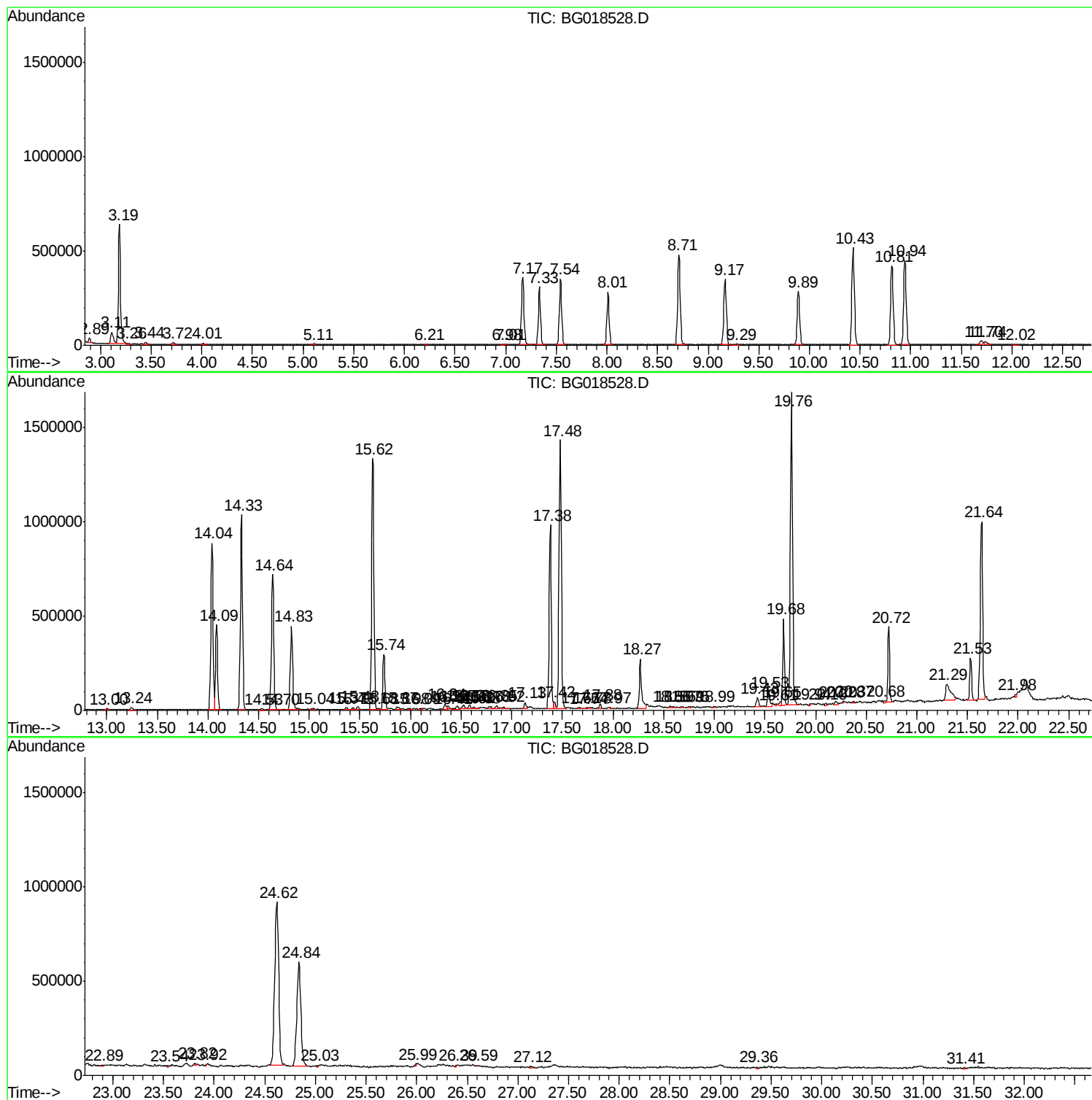
Sum of corrected areas: 29944717

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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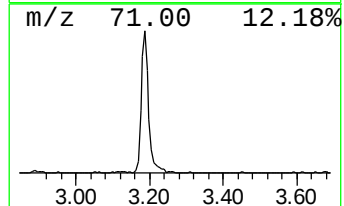
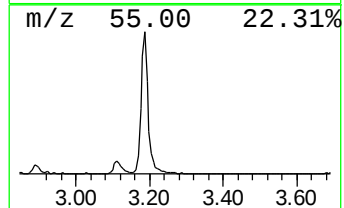
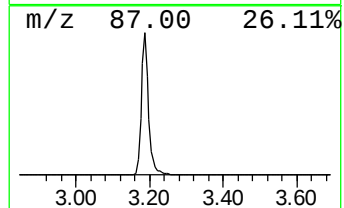
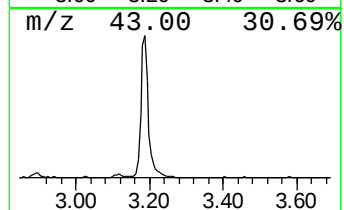
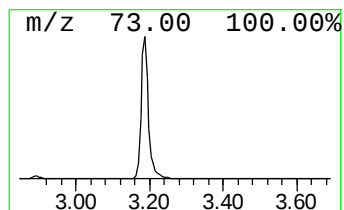
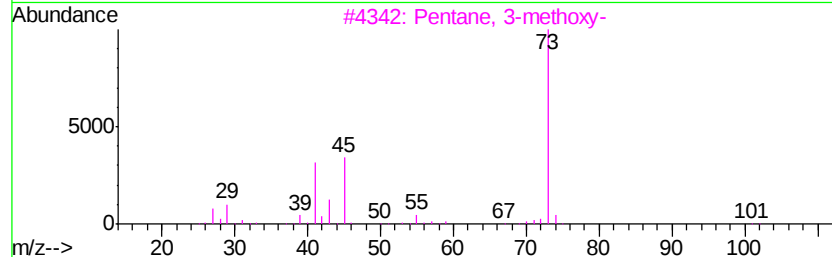
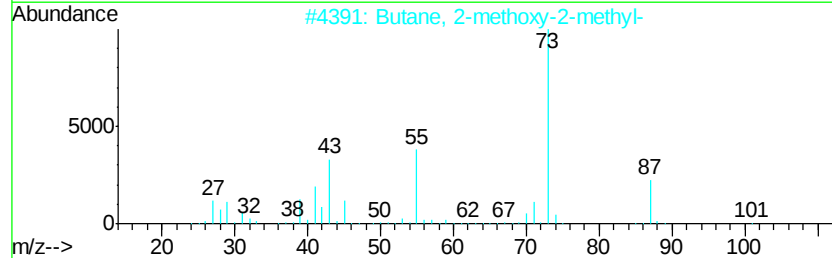
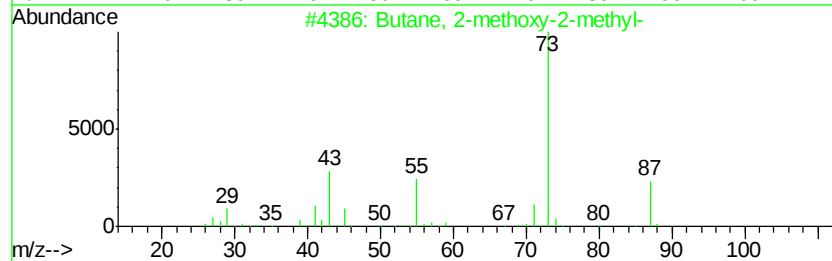
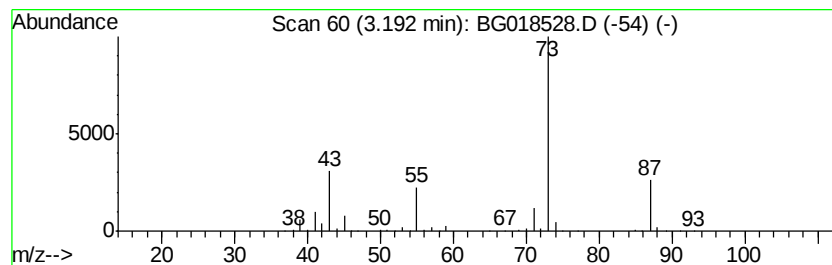
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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.
3.19	37.66 ng/ul	869730	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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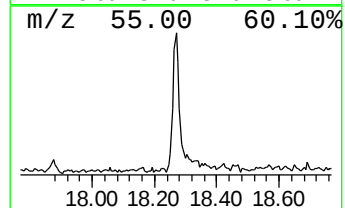
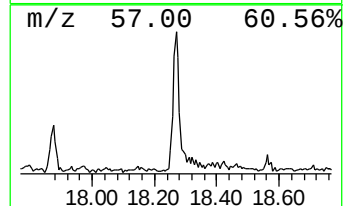
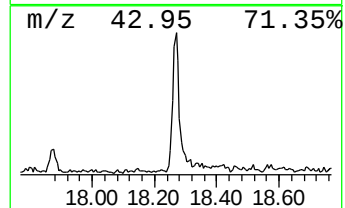
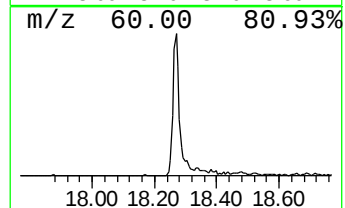
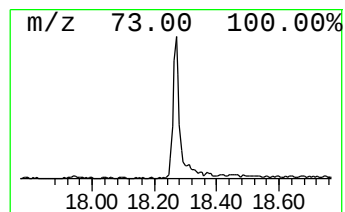
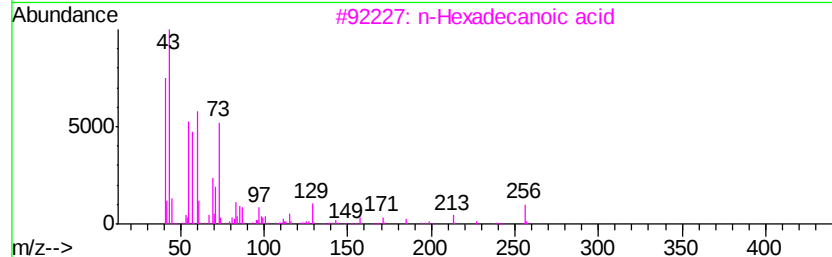
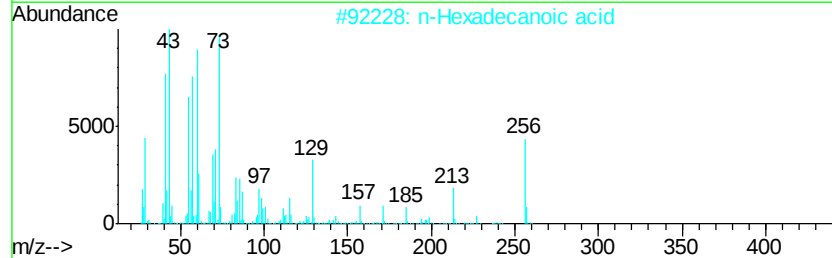
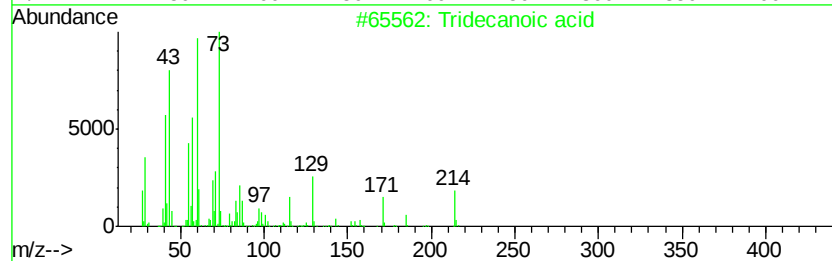
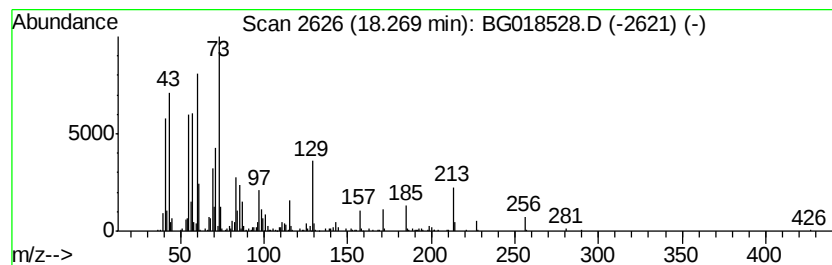
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.75 ng/ul	417954	Phenanthrene-d10	17.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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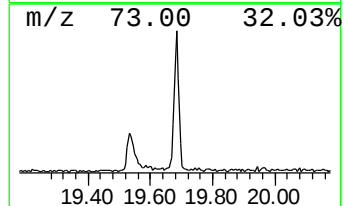
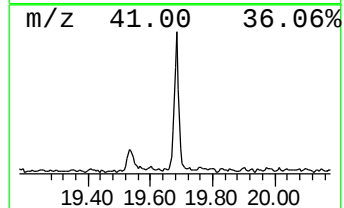
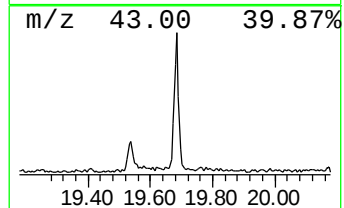
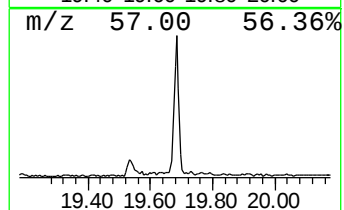
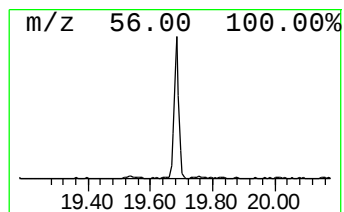
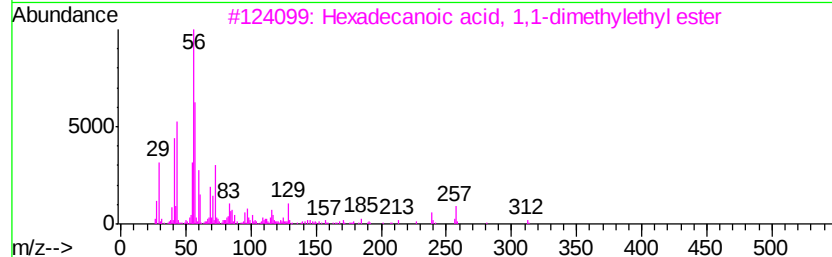
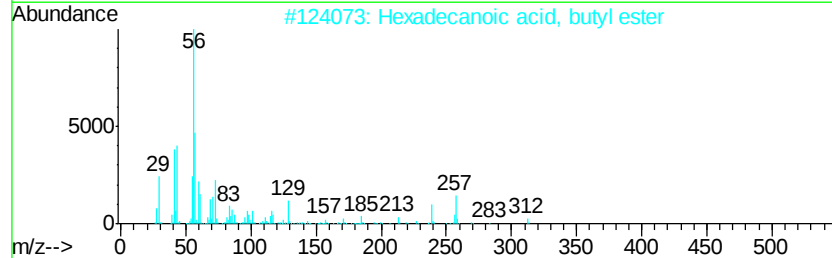
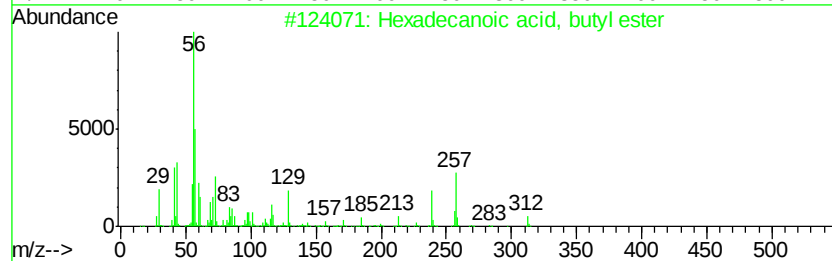
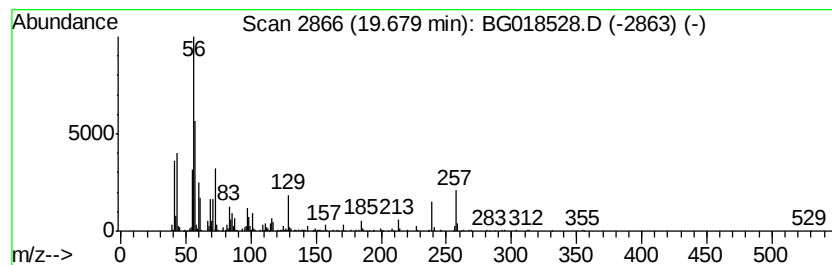
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Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	6.29 ng/ul	495892	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
5		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018528.D
Acq On : 29 Aug 2015 00:47
Operator : UM/MA
Sample : G3448-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

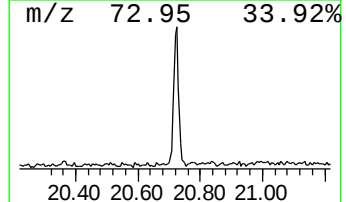
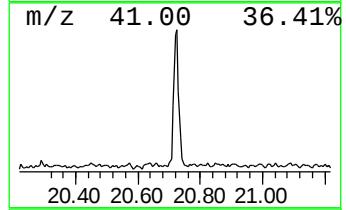
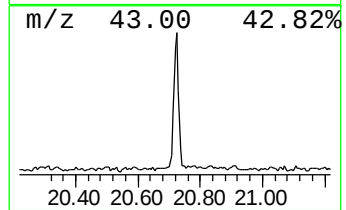
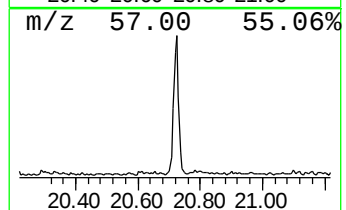
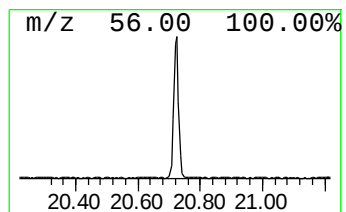
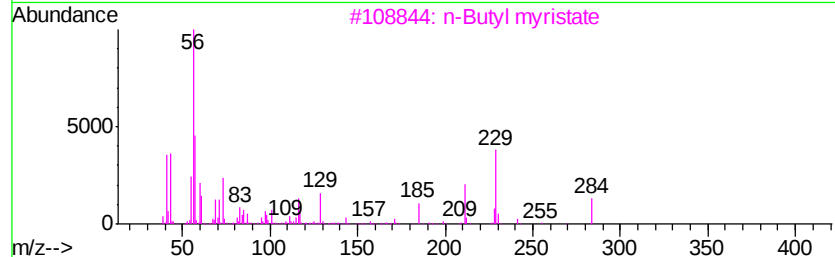
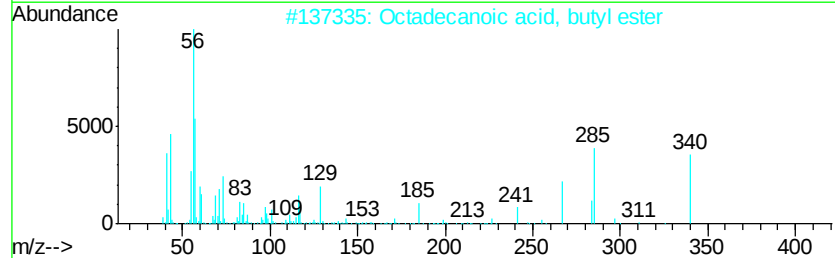
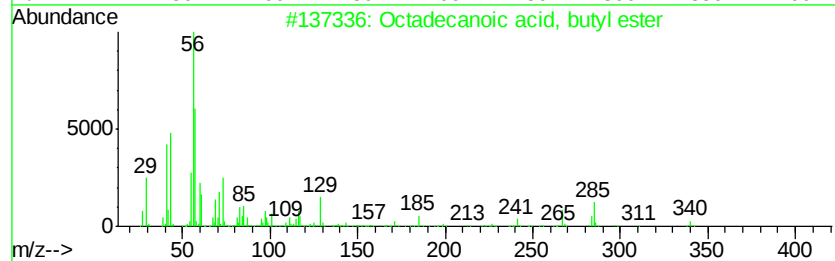
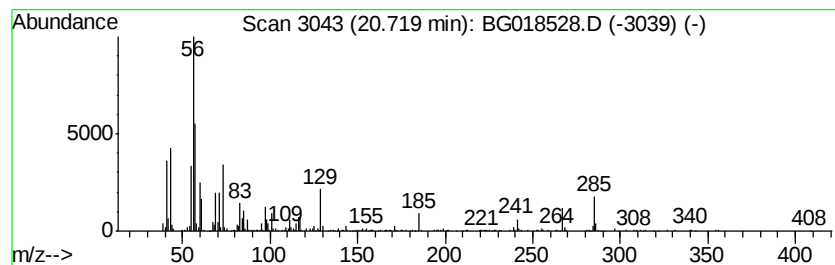
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	5.80 ng/ul	456650	Chrysene-d12	21.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
3		n-Butyl myristate	284	C18H36O2	000110-36-1	53
4		Nipecotic acid	129	C6H11NO2	000498-95-3	47
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018528.D
Acq On : 29 Aug 2015 00:47
Operator : UM/MA
Sample : G3448-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

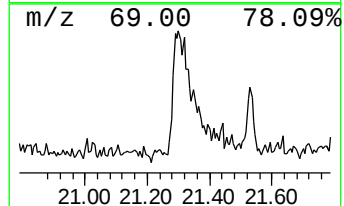
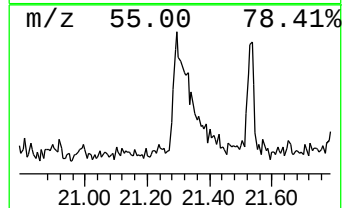
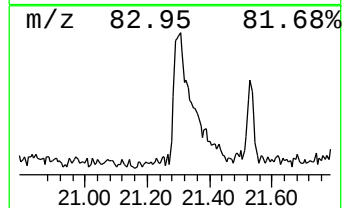
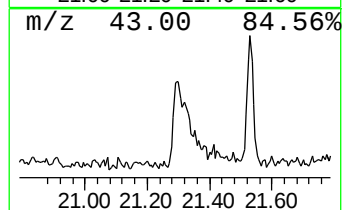
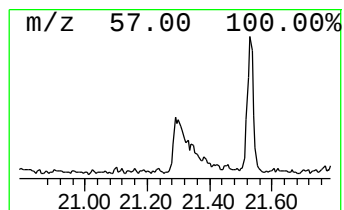
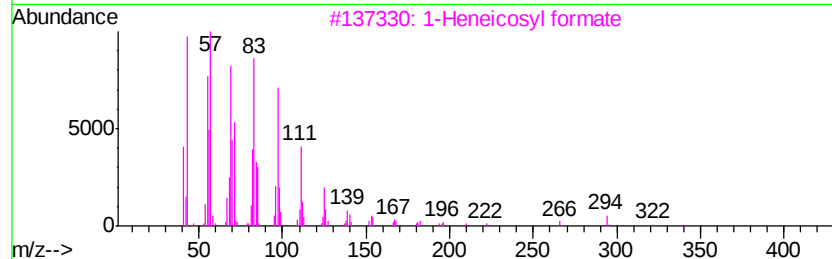
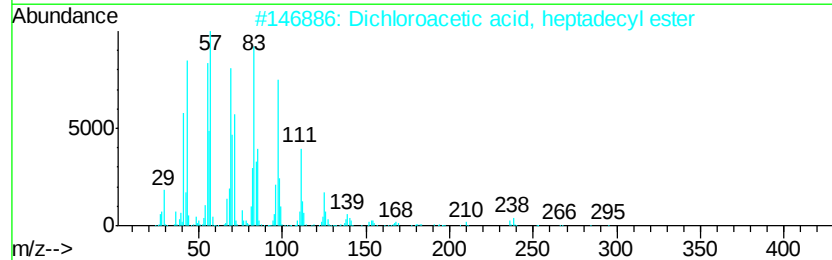
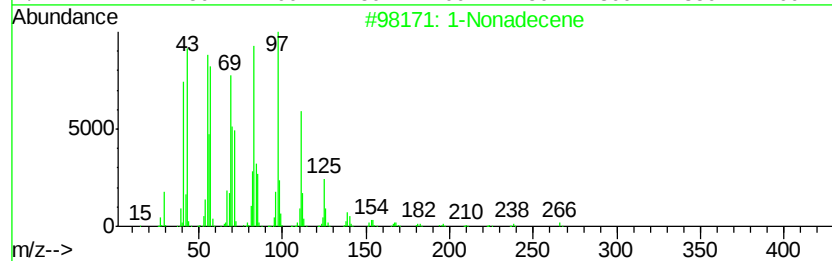
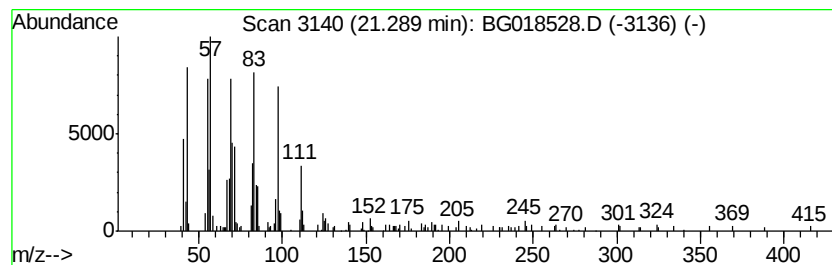
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.29 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.79 ng/ul	298466	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	87
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	74
4		1-Heptadecanol	256	C17H36O	001454-85-9	68
5		1-Hexadecanol	242	C16H34O	036653-82-4	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018528.D
Acq On : 29 Aug 2015 00:47
Operator : UM/MA
Sample : G3448-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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...	3.19	37.7	ng/ul	869730	1	8.01	461919	20.0
Tridecanoic acid	18.27	5.8	ng/ul	417954	4	17.38	1453180	20.0
Hexadecanoic acid...	19.68	6.3	ng/ul	495892	5	21.64	1575930	20.0
Octadecanoic acid...	20.72	5.8	ng/ul	456650	5	21.64	1575930	20.0
(DEL) Alkane: Cyc...	21.29	3.8	ng/ul	298466	5	21.64	1575930	20.0