

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
 Data File : BG018560.D
 Acq On : 1 Sep 2015 13:06
 Operator : UM/IZ
 Sample : G3478-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE8

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	2.892	6	9	14	rVB	40135	48828	2.13%	0.175%
2	3.109	41	46	54	rBV	91039	163556	7.13%	0.585%
3	3.186	54	59	68	rVB	819862	1111473	48.48%	3.976%
4	3.720	146	150	153	rVV2	10371	15643	0.68%	0.056%
5	4.008	195	199	202	rBV5	5293	8828	0.39%	0.032%
6	4.649	306	308	314	rBV7	4048	7401	0.32%	0.026%
7	4.837	337	340	342	rBV4	6159	4952	0.22%	0.018%
8	4.913	351	353	357	rBV4	4909	5833	0.25%	0.021%
9	5.113	385	387	390	rVB3	5928	4806	0.21%	0.017%
10	5.571	461	465	467	rVB5	3796	5724	0.25%	0.020%
11	5.601	467	470	471	rBV3	3902	4261	0.19%	0.015%
12	5.883	514	518	520	rVB5	4706	6497	0.28%	0.023%
13	6.270	582	584	586	rBV2	5295	4680	0.20%	0.017%
14	6.517	621	626	632	rBV5	12947	26064	1.14%	0.093%
15	6.570	633	635	639	rVB5	5539	6888	0.30%	0.025%
16	6.817	672	677	679	rBV5	3093	4670	0.20%	0.017%
17	6.981	702	705	710	rBV5	9700	16874	0.74%	0.060%
18	7.169	728	737	749	rBV	303715	538146	23.47%	1.925%
19	7.334	757	765	773	rBV	257836	434090	18.93%	1.553%
20	7.540	793	800	807	rVV	324281	529491	23.09%	1.894%
21	7.592	807	809	812	rVB4	8062	8166	0.36%	0.029%
22	7.786	837	842	845	rBV4	8278	12166	0.53%	0.044%
23	7.816	845	847	851	rVB3	4586	5310	0.23%	0.019%
24	8.010	873	880	887	rBV2	323882	536153	23.39%	1.918%
25	8.245	917	920	924	rVB5	3183	3824	0.17%	0.014%
26	8.485	957	961	963	rVB3	4146	4563	0.20%	0.016%
27	8.709	992	999	1011	rBV	409602	689565	30.08%	2.467%
28	9.167	1069	1077	1083	rBV	296194	508040	22.16%	1.817%
29	9.273	1090	1095	1100	rBV4	19245	33084	1.44%	0.118%
30	9.420	1118	1120	1123	rBV3	4879	5005	0.22%	0.018%
31	9.890	1188	1200	1212	rVB2	232561	437877	19.10%	1.566%
32	10.001	1216	1219	1222	rVB4	3219	4365	0.19%	0.016%
33	10.125	1238	1240	1243	rVB4	5688	4300	0.19%	0.015%
34	10.430	1285	1292	1299	rBV	409758	729420	31.82%	2.609%

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35	10.577	1312	1317	1324	rVV5	15619	29016	1.27%	0.104%
36	10.812	1348	1357	1364	rBV	473881	837673	36.54%	2.996%
37	10.941	1372	1379	1391	rVV	378787	697494	30.42%	2.495%
38	11.576	1485	1487	1490	rBV4	5662	5222	0.23%	0.019%
39	11.770	1518	1520	1524	rVB3	4222	5359	0.23%	0.019%
40	12.111	1575	1578	1583	rVB7	3697	6454	0.28%	0.023%
41	12.216	1595	1596	1599	rBV3	4117	4038	0.18%	0.014%
42	12.269	1599	1605	1606	rVV3	4327	5261	0.23%	0.019%
43	12.287	1606	1608	1611	rVV4	5724	6251	0.27%	0.022%
44	12.440	1631	1634	1637	rBV3	3663	3869	0.17%	0.014%
45	12.622	1661	1665	1668	rBV4	2841	4400	0.19%	0.016%
46	12.939	1716	1719	1724	rBV3	5305	8055	0.35%	0.029%
47	12.998	1724	1729	1736	rBV2	33383	65907	2.87%	0.236%
48	13.245	1764	1771	1777	rVB2	60418	93076	4.06%	0.333%
49	13.303	1777	1781	1782	rVV4	3779	4365	0.19%	0.016%
50	13.527	1814	1819	1825	rBV7	6017	13933	0.61%	0.050%
51	13.603	1831	1832	1837	rVB3	4966	6124	0.27%	0.022%
52	13.644	1837	1839	1843	rBV5	3366	3854	0.17%	0.014%
53	13.920	1885	1886	1889	rVB3	4868	4001	0.17%	0.014%
54	13.956	1889	1892	1894	rBV4	5176	5325	0.23%	0.019%
55	13.991	1894	1898	1899	rVV4	4234	6337	0.28%	0.023%
56	14.038	1899	1906	1910	rVV	891522	1281126	55.88%	4.583%
57	14.085	1910	1914	1922	rVB	505356	709330	30.94%	2.537%
58	14.167	1922	1928	1931	rBV5	9140	16538	0.72%	0.059%
59	14.267	1943	1945	1948	rBV3	7530	10850	0.47%	0.039%
60	14.332	1949	1956	1963	rVB	772511	1243829	54.25%	4.449%
61	14.467	1974	1979	1984	rVB8	3315	6560	0.29%	0.023%
62	14.531	1987	1990	1993	rBV5	5749	5761	0.25%	0.021%
63	14.637	2001	2008	2017	rBV2	833331	1334048	58.19%	4.772%
64	14.825	2032	2040	2051	rBV2	394031	670528	29.25%	2.399%
65	14.960	2060	2063	2064	rBV3	4119	3840	0.17%	0.014%
66	15.042	2072	2077	2084	rVV8	8761	16484	0.72%	0.059%
67	15.119	2088	2090	2093	rBV4	2987	4744	0.21%	0.017%
68	15.272	2114	2116	2118	rBV3	5377	3953	0.17%	0.014%
69	15.442	2136	2145	2149	rBV3	34059	66558	2.90%	0.238%
70	15.477	2149	2151	2155	rVB5	14895	16265	0.71%	0.058%
71	15.624	2168	2176	2183	rBV	1024533	1516578	66.15%	5.425%

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Title : SVOA CALIBRATION

72	15.736	2189	2195	2203	rBV	316498	473220	20.64%	1.693%
73	15.865	2212	2217	2224	rBV10	12333	25624	1.12%	0.092%
74	15.983	2235	2237	2239	rVV3	6542	5148	0.22%	0.018%
75	16.082	2252	2254	2257	rBV3	3564	5082	0.22%	0.018%
76	16.176	2267	2270	2271	rBV3	4703	4439	0.19%	0.016%
77	16.341	2292	2298	2307	rBV3	24405	50942	2.22%	0.182%
78	16.511	2324	2327	2332	rVB5	12258	19618	0.86%	0.070%
79	16.582	2337	2339	2344	rVB6	6545	6779	0.30%	0.024%
80	16.770	2368	2371	2377	rVB6	14862	17265	0.75%	0.062%
81	16.846	2381	2384	2385	rBV3	6175	5696	0.25%	0.020%
82	17.134	2429	2433	2438	rBV3	26054	38955	1.70%	0.139%
83	17.381	2468	2475	2482	rBV	1188080	1861514	81.19%	6.659%
84	17.475	2485	2491	2499	rVB	1097965	1648643	71.91%	5.897%
85	17.534	2499	2501	2504	rBV3	5695	4745	0.21%	0.017%
86	17.657	2520	2522	2523	rBV2	7720	5045	0.22%	0.018%
87	17.728	2532	2534	2535	rBV2	8431	5401	0.24%	0.019%
88	17.869	2555	2558	2564	rVB5	24679	32897	1.43%	0.118%
89	18.145	2599	2605	2609	rBV9	16349	30257	1.32%	0.108%
90	18.262	2621	2625	2631	rBV4	71269	128036	5.58%	0.458%
91	18.562	2674	2676	2680	rVB4	11890	10538	0.46%	0.038%
92	18.691	2694	2698	2704	rVB4	46131	56846	2.48%	0.203%
93	19.426	2819	2823	2826	rBV6	15108	26738	1.17%	0.096%
94	19.684	2863	2867	2872	rVB	96572	118646	5.18%	0.424%
95	19.760	2874	2880	2886	rBV	1301797	1822913	79.51%	6.521%
96	20.718	3040	3043	3049	rBV	94839	105592	4.61%	0.378%
97	21.635	3193	3199	3206	rBV	1412265	2265142	98.80%	8.103%
98	23.315	3480	3485	3492	rVB	334467	617750	26.94%	2.210%
99	24.608	3697	3705	3716	rVB	614319	1616189	70.49%	5.781%
100	24.831	3733	3743	3759	rVB2	757935	2292672	100.00%	8.201%

Sum of corrected areas: 27955881

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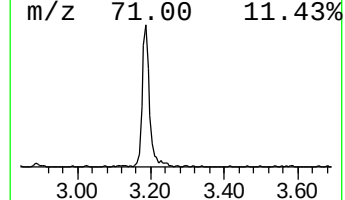
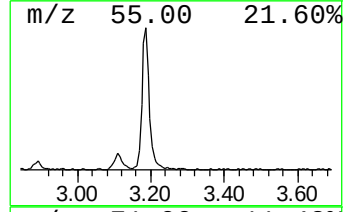
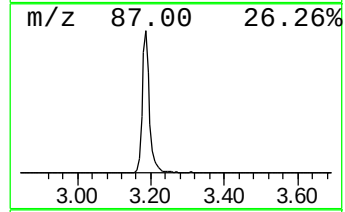
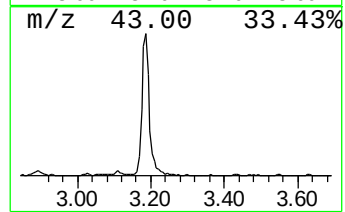
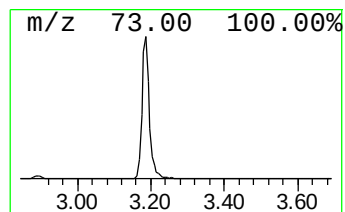
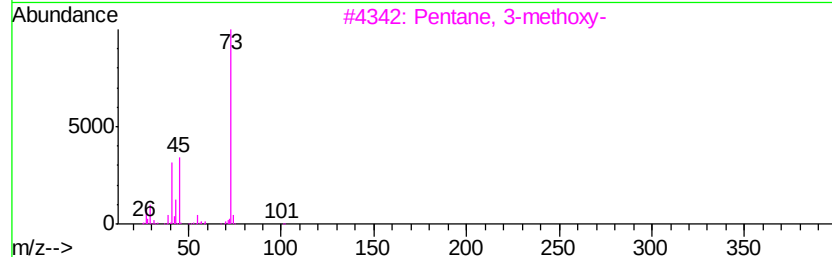
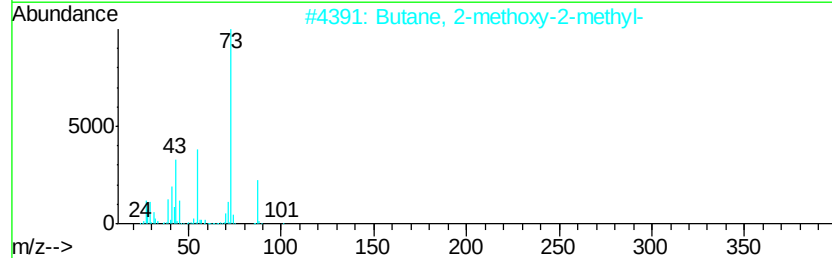
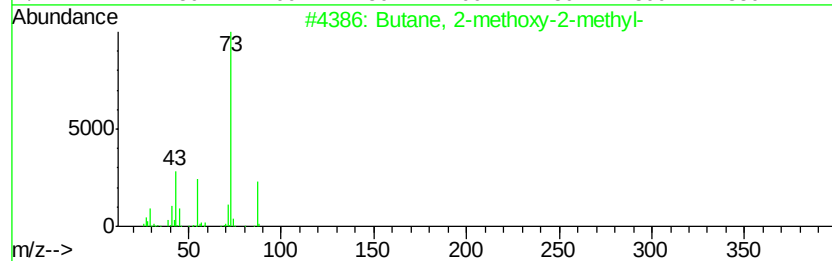
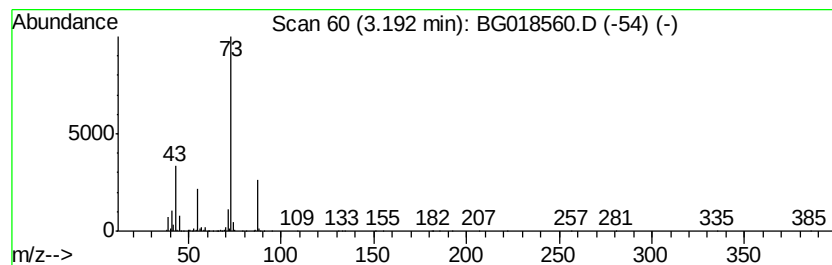
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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	41.46 ng/ul	1111470	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	86
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87 C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88 C4H8O2	000497-26-7	9



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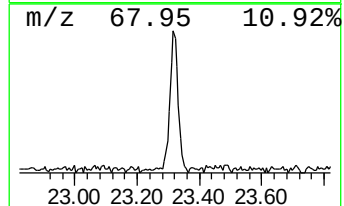
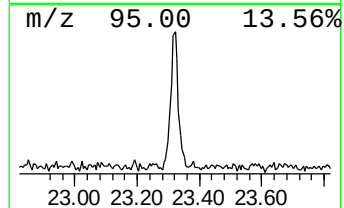
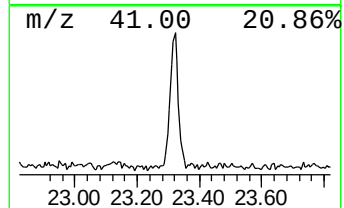
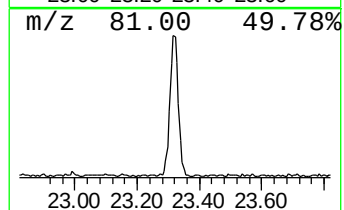
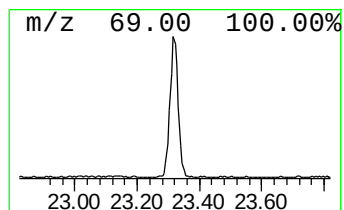
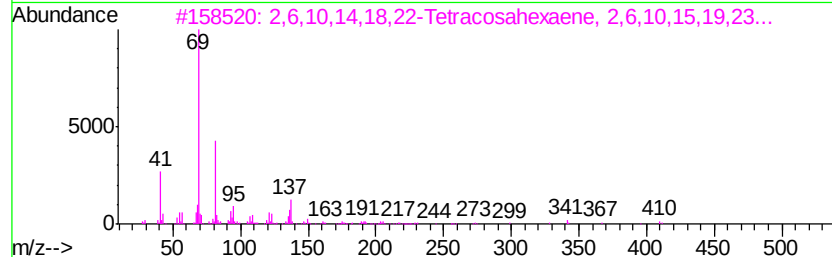
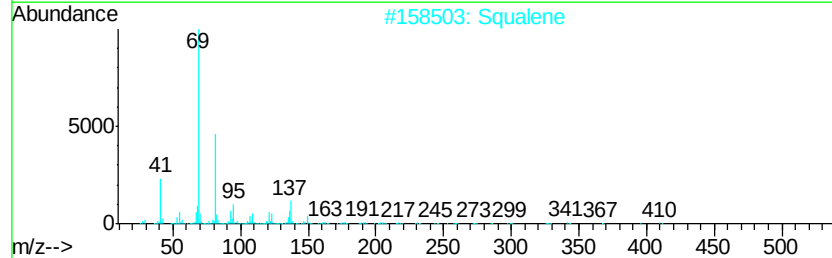
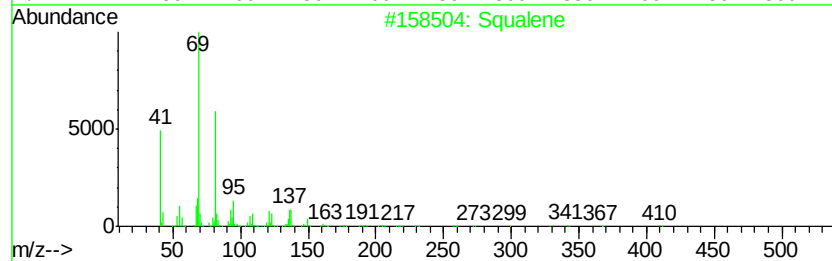
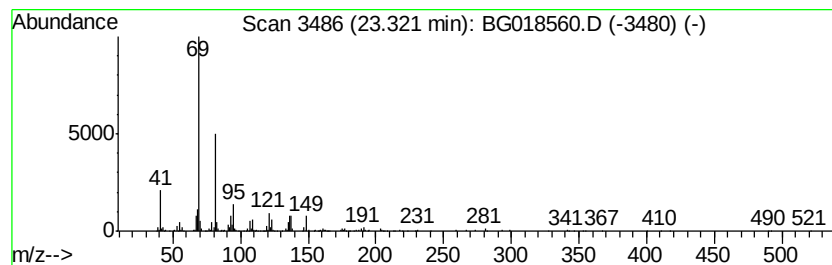
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	5.39 ng/ul	617750	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78



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TIC Library : C:\DATABASE\NIST02.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	41.5	ng/ul	1111470	1	8.01	536153	20.0
Squalene	23.32	5.4	ng/ul	617750	6	24.84	2292670	20.0