

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023465.D
 Acq On : 4 Aug 2016 23:47
 Operator : UM/SJ
 Sample : H4208-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ9

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-BG080416.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	3.486	107	110	117	rVB5	17298	29622	0.64%	0.066%
2	4.573	293	295	299	rBV5	5812	8658	0.19%	0.019%
3	5.026	371	372	375	rBV2	5453	6147	0.13%	0.014%
4	5.319	417	422	424	rBV6	6600	9524	0.21%	0.021%
5	7.193	737	741	744	rBV5	4996	7277	0.16%	0.016%
6	7.270	748	754	767	rVV	485519	878543	19.02%	1.950%
7	7.434	774	782	789	rBV	422058	693912	15.02%	1.540%
8	7.646	810	818	825	rBV	481433	822652	17.81%	1.826%
9	7.763	835	838	840	rVB4	6803	8479	0.18%	0.019%
10	8.116	892	898	905	rBV	406386	699370	15.14%	1.552%
11	8.163	905	906	911	rVB4	6442	8926	0.19%	0.020%
12	8.580	976	977	981	rBV4	6632	6438	0.14%	0.014%
13	8.826	1011	1019	1029	rBV	628622	1143062	24.75%	2.537%
14	9.290	1091	1098	1108	rBV	501878	902555	19.54%	2.003%
15	9.678	1161	1164	1169	rVB5	7187	8833	0.19%	0.020%
16	10.019	1215	1222	1232	rBV	415433	798525	17.29%	1.772%
17	10.571	1308	1316	1328	rBV2	605164	1205503	26.10%	2.675%
18	10.853	1358	1364	1365	rBV3	5499	7689	0.17%	0.017%
19	10.947	1373	1380	1390	rVB	619132	1170036	25.33%	2.597%
20	11.088	1397	1404	1416	rBV	597814	1128534	24.44%	2.504%
21	11.957	1550	1552	1555	rBV3	6186	8585	0.19%	0.019%
22	12.380	1620	1624	1626	rBV5	5865	6485	0.14%	0.014%
23	12.463	1636	1638	1643	rVB5	4966	6863	0.15%	0.015%
24	12.527	1645	1649	1655	rVB5	13176	24229	0.52%	0.054%
25	12.856	1703	1705	1708	rVB3	6147	6790	0.15%	0.015%
26	13.115	1747	1749	1753	rBV4	7987	11945	0.26%	0.027%
27	13.367	1789	1792	1797	rBV4	18234	21510	0.47%	0.048%
28	13.655	1835	1841	1846	rBV5	18519	34589	0.75%	0.077%
29	13.896	1880	1882	1884	rBV2	5364	6612	0.14%	0.015%
30	14.178	1923	1930	1934	rBV	1466023	2244263	48.59%	4.981%
31	14.225	1934	1938	1947	rVB	911773	1351583	29.26%	2.999%
32	14.295	1947	1950	1951	rBV3	7850	6338	0.14%	0.014%
33	14.425	1969	1972	1973	rBV3	7738	6275	0.14%	0.014%
34	14.472	1973	1980	1991	rVV	1479945	2423622	52.48%	5.379%

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35	14.783	2024	2033	2041	rBV2	1187773	1984504	42.97%	4.404%
36	14.994	2063	2069	2084	rBV	333103	782645	16.95%	1.737%
37	15.470	2147	2150	2152	rBV4	5033	6285	0.14%	0.014%
38	15.558	2159	2165	2169	rBV3	17286	26252	0.57%	0.058%
39	15.600	2169	2172	2174	rVB3	9871	11369	0.25%	0.025%
40	15.776	2195	2202	2209	rBV	2203119	3377009	73.12%	7.494%
41	15.893	2217	2222	2230	rBV	590892	899854	19.48%	1.997%
42	16.011	2238	2242	2249	rVB5	34012	65741	1.42%	0.146%
43	16.064	2249	2251	2253	rBV3	7254	6853	0.15%	0.015%
44	16.469	2317	2320	2322	rBV3	17232	20942	0.45%	0.046%
45	16.663	2347	2353	2358	rVB4	12730	20370	0.44%	0.045%
46	16.733	2361	2365	2372	rBB10	10951	19972	0.43%	0.044%
47	16.792	2372	2375	2376	rBV3	6885	6459	0.14%	0.014%
48	16.921	2393	2397	2402	rBV6	16253	24942	0.54%	0.055%
49	17.139	2430	2434	2436	rBV4	10378	10523	0.23%	0.023%
50	17.268	2452	2456	2458	rBV4	20336	27722	0.60%	0.062%
51	17.421	2479	2482	2485	rBV5	8384	12175	0.26%	0.027%
52	17.538	2496	2502	2509	rBV2	1764455	2846911	61.64%	6.318%
53	17.644	2513	2520	2527	rBV2	2480824	3940238	85.31%	8.744%
54	17.802	2546	2547	2552	rBV4	10445	8378	0.18%	0.019%
55	17.873	2557	2559	2560	rBV2	7510	6531	0.14%	0.014%
56	17.920	2565	2567	2570	rVB3	8039	6760	0.15%	0.015%
57	18.008	2579	2582	2586	rVB4	23028	28225	0.61%	0.063%
58	18.055	2586	2590	2593	rBV6	11979	11754	0.25%	0.026%
59	18.290	2626	2630	2635	rBV8	32983	56124	1.22%	0.125%
60	18.349	2638	2640	2645	rBV6	7030	8948	0.19%	0.020%
61	18.413	2646	2651	2660	rBV3	121243	200836	4.35%	0.446%
62	18.490	2662	2664	2666	rVB2	15014	10196	0.22%	0.023%
63	18.836	2719	2723	2725	rVB4	19852	25488	0.55%	0.057%
64	19.324	2805	2806	2812	rVB6	14017	16214	0.35%	0.036%
65	19.565	2844	2847	2849	rBV	35598	43687	0.95%	0.097%
66	19.682	2864	2867	2873	rVB6	43574	56916	1.23%	0.126%
67	19.929	2903	2909	2920	rBV	3107411	4618498	100.00%	10.250%
68	21.856	3230	3237	3249	rVB2	1815804	3075661	66.59%	6.826%
69	23.583	3526	3531	3539	rVB2	191632	362588	7.85%	0.805%
70	24.999	3762	3772	3783	rBV2	1380020	3811027	82.52%	8.458%
71	25.234	3802	3812	3826	rVB2	976370	2918020	63.18%	6.476%

LSC Area Percent Report

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Stop Thrs : 0 Peak Location: TOP

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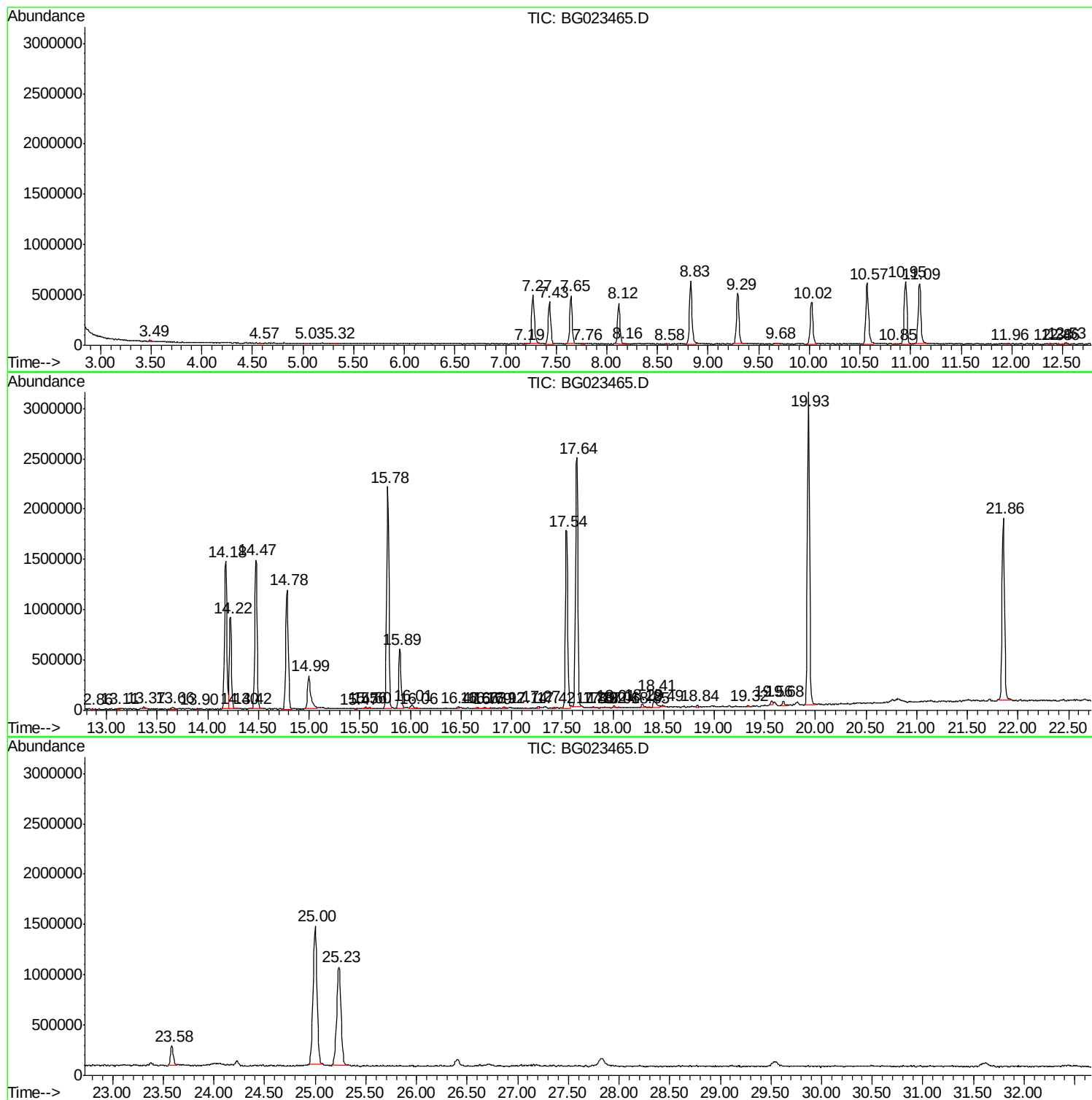
Sum of corrected areas: 45060591

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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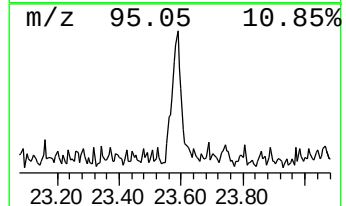
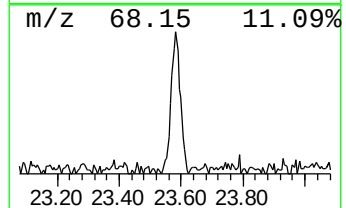
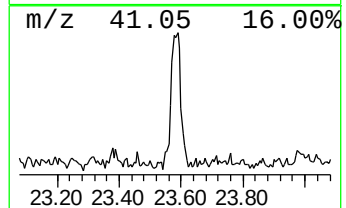
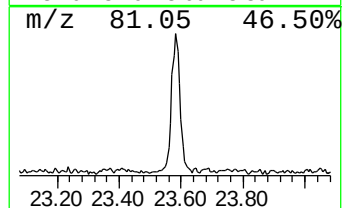
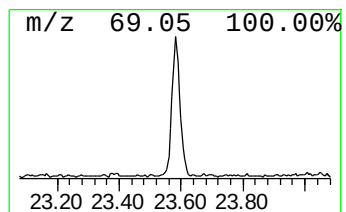
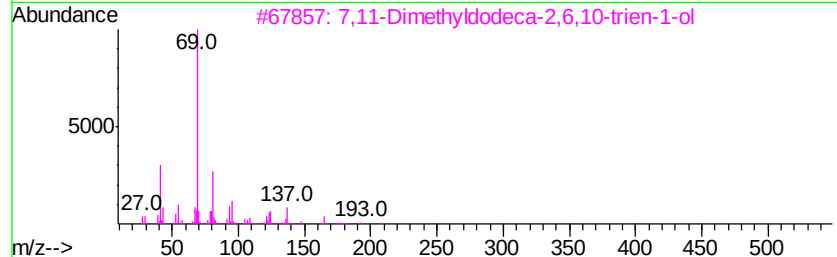
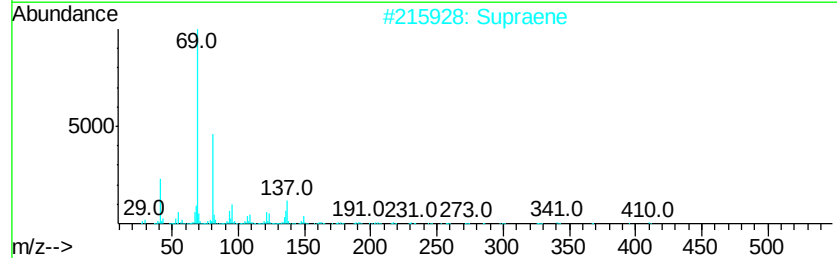
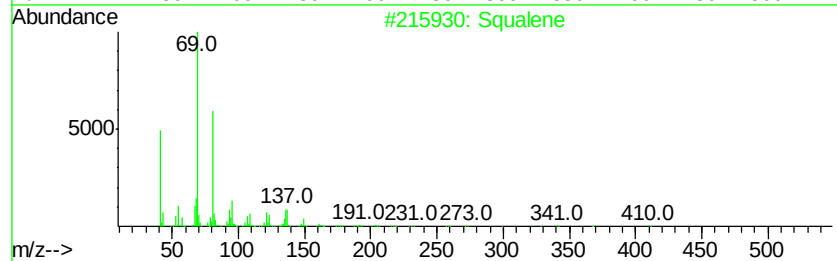
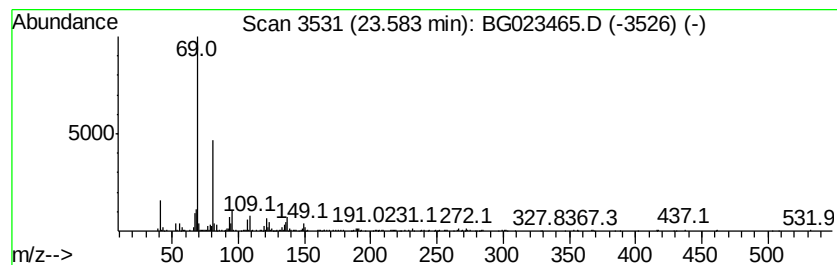
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Peak Number 1 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	2.49 ng/ul	362588	Perylene-d12	25.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	72
2	Supraene	410 C30H50	007683-64-9	72
3	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H240	125529-10-4	72
4	1,5-Heptadiene, 3,3,6-trimethyl-	138 C10H18	035387-63-4	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H280	066408-55-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Squalene	23.58	2.5	ng/ul	362588	6	25.24	2918020	20.0