

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111015\
 Data File : BG019566.D
 Acq On : 11 Nov 2015 12:24
 Operator : UM/NP
 Sample : G4308-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KS1

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-BG102815.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	3.117	42	47	56	rBV2	86099	150239	12.87%	1.121%
2	3.199	56	61	73	rVB	725058	1077388	92.29%	8.037%
3	4.163	222	225	228	rBV5	2181	2530	0.22%	0.019%
4	4.368	256	260	263	rBV3	2949	4003	0.34%	0.030%
5	4.797	331	333	340	rVB3	1503	2509	0.21%	0.019%
6	5.214	399	404	410	rVB4	4762	6773	0.58%	0.051%
7	6.530	626	628	634	rVB3	4366	5769	0.49%	0.043%
8	6.671	647	652	655	rVB4	1647	2724	0.23%	0.020%
9	7.130	728	730	732	rBV	3589	3709	0.32%	0.028%
10	7.318	755	762	770	rVB	30865	54307	4.65%	0.405%
11	7.488	783	791	800	rVB	102407	172520	14.78%	1.287%
12	7.700	820	827	836	rVB	104769	175304	15.02%	1.308%
13	8.175	899	908	915	rVV2	125552	217079	18.60%	1.619%
14	8.875	1021	1027	1037	rBV2	94066	159670	13.68%	1.191%
15	9.345	1100	1107	1116	rBV	142685	246772	21.14%	1.841%
16	9.445	1119	1124	1130	rVB2	7518	14742	1.26%	0.110%
17	9.738	1172	1174	1182	rVB2	2928	3960	0.34%	0.030%
18	9.891	1195	1200	1207	rVB4	5902	8016	0.69%	0.060%
19	10.073	1223	1231	1239	rBV2	122802	223277	19.13%	1.666%
20	10.614	1316	1323	1331	rBV	178203	312750	26.79%	2.333%
21	10.772	1347	1350	1355	rVB4	2005	2766	0.24%	0.021%
22	11.002	1379	1389	1396	rBV2	185302	329566	28.23%	2.458%
23	11.131	1407	1411	1416	rBV4	8166	16203	1.39%	0.121%
24	11.507	1472	1475	1481	rBV3	6278	9538	0.82%	0.071%
25	11.571	1483	1486	1490	rVB2	4797	5695	0.49%	0.042%
26	11.765	1515	1519	1521	rBV3	2460	2826	0.24%	0.021%
27	12.453	1633	1636	1644	rVB4	6157	11085	0.95%	0.083%
28	12.576	1653	1657	1663	rBV2	2976	6631	0.57%	0.049%
29	13.158	1751	1756	1762	rBV2	14907	25755	2.21%	0.192%
30	13.405	1794	1798	1803	rVB2	20762	29435	2.52%	0.220%
31	13.681	1844	1845	1849	rVB2	3551	3220	0.28%	0.024%
32	14.198	1926	1933	1938	rBV	412654	608772	52.15%	4.541%
33	14.245	1938	1941	1948	rVB	197485	255932	21.92%	1.909%
34	14.321	1951	1954	1956	rBV3	3576	3631	0.31%	0.027%

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35	14.427	1966	1972	1974	rBV2	5764	8152	0.70%	0.061%
36	14.503	1979	1985	1992	rVB	397974	614733	52.66%	4.586%
37	14.680	2011	2015	2018	rBV2	3623	5607	0.48%	0.042%
38	14.803	2030	2036	2044	rVB2	340942	553468	47.41%	4.129%
39	14.991	2062	2068	2074	rBV	35877	58641	5.02%	0.437%
40	15.355	2125	2130	2133	rBV2	2852	4353	0.37%	0.032%
41	15.573	2164	2167	2170	rBV	21013	30829	2.64%	0.230%
42	15.684	2182	2186	2191	rVB3	2379	4567	0.39%	0.034%
43	15.790	2198	2204	2213	rVV	550389	850446	72.85%	6.344%
44	15.902	2217	2223	2230	rVV	202660	294919	25.26%	2.200%
45	15.949	2230	2231	2234	rVB3	3134	2432	0.21%	0.018%
46	16.031	2240	2245	2249	rVB5	11790	20218	1.73%	0.151%
47	16.072	2249	2252	2254	rBV2	2984	2992	0.26%	0.022%
48	16.119	2259	2260	2266	rVB3	2761	2573	0.22%	0.019%
49	16.242	2279	2281	2286	rVB2	3049	4288	0.37%	0.032%
50	16.313	2289	2293	2297	rBV6	4991	7916	0.68%	0.059%
51	16.430	2309	2313	2314	rBV	4777	5580	0.48%	0.042%
52	16.483	2316	2322	2329	rBV4	27025	49912	4.28%	0.372%
53	16.572	2335	2337	2340	rVB3	2961	3122	0.27%	0.023%
54	16.624	2344	2346	2348	rBV2	2409	2477	0.21%	0.018%
55	16.666	2348	2353	2359	rVB4	12101	20825	1.78%	0.155%
56	16.754	2363	2368	2371	rBV6	5828	7873	0.67%	0.059%
57	16.830	2378	2381	2383	rVV4	3886	3308	0.28%	0.025%
58	16.936	2396	2399	2402	rVB5	3030	3972	0.34%	0.030%
59	16.995	2405	2409	2411	rBV3	2419	4075	0.35%	0.030%
60	17.053	2416	2419	2421	rBV2	5260	6678	0.57%	0.050%
61	17.153	2432	2436	2439	rBV4	2989	4191	0.36%	0.031%
62	17.271	2452	2456	2462	rBV	36130	47385	4.06%	0.353%
63	17.329	2462	2466	2470	rVB4	10819	15067	1.29%	0.112%
64	17.412	2476	2480	2481	rBV2	4778	5608	0.48%	0.042%
65	17.547	2496	2503	2510	rBV	527272	794424	68.05%	5.926%
66	17.600	2510	2512	2513	rVV2	4417	3847	0.33%	0.029%
67	17.647	2513	2520	2527	rVB	627804	966945	82.83%	7.213%
68	17.811	2545	2548	2553	rBV7	4801	7405	0.63%	0.055%
69	17.893	2557	2562	2567	rBV7	10458	18855	1.62%	0.141%
70	18.011	2578	2582	2588	rVB2	25053	34877	2.99%	0.260%
71	18.087	2593	2595	2599	rVV5	2106	2837	0.24%	0.021%

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72	18.281	2625	2628	2630	rBV3	3560	4455	0.38%	0.033%
73	18.405	2646	2649	2655	rVB5	14756	18633	1.60%	0.139%
74	18.487	2661	2663	2666	rBV	6777	6305	0.54%	0.047%
75	18.516	2666	2668	2673	rVB6	3679	3390	0.29%	0.025%
76	18.604	2681	2683	2685	rBV3	5145	4239	0.36%	0.032%
77	18.698	2696	2699	2702	rBV2	20121	23714	2.03%	0.177%
78	18.828	2718	2721	2724	rBV4	14975	17319	1.48%	0.129%
79	18.898	2731	2733	2735	rBV2	2508	2980	0.26%	0.022%
80	19.262	2792	2795	2800	rBV6	7747	13881	1.19%	0.104%
81	19.321	2802	2805	2809	rVV2	7483	7166	0.61%	0.053%
82	19.409	2818	2820	2825	rVB4	3659	3108	0.27%	0.023%
83	19.556	2842	2845	2849	rVB4	10023	12401	1.06%	0.093%
84	19.603	2851	2853	2856	rVB4	4015	2913	0.25%	0.022%
85	19.809	2884	2888	2891	rBV4	8662	12289	1.05%	0.092%
86	19.921	2901	2907	2915	rVB	853970	1167353	100.00%	8.708%
87	19.991	2915	2919	2923	rBV6	5547	6874	0.59%	0.051%
88	20.132	2941	2943	2947	rBV4	4239	5353	0.46%	0.040%
89	21.002	3089	3091	3093	rVB3	6806	3568	0.31%	0.027%
90	21.431	3161	3164	3169	rBV4	32560	52164	4.47%	0.389%
91	21.824	3224	3231	3240	rBV	617356	1017621	87.17%	7.591%
92	23.428	3502	3504	3506	rBV3	6489	6473	0.55%	0.048%
93	23.552	3518	3525	3531	rBV	90870	175498	15.03%	1.309%
94	24.351	3659	3661	3662	rBV2	5822	4523	0.39%	0.034%
95	24.944	3751	3762	3773	rBV2	423500	1166062	99.89%	8.698%
96	25.173	3791	3801	3815	rVB2	341145	975405	83.56%	7.276%
97	25.908	3924	3926	3929	rBV3	5541	5328	0.46%	0.040%
98	26.348	3997	4001	4002	rBV3	14234	16700	1.43%	0.125%
99	27.776	4239	4244	4246	rBV5	14707	28562	2.45%	0.213%
100	28.951	4441	4444	4447	rBV5	5831	10686	0.92%	0.080%

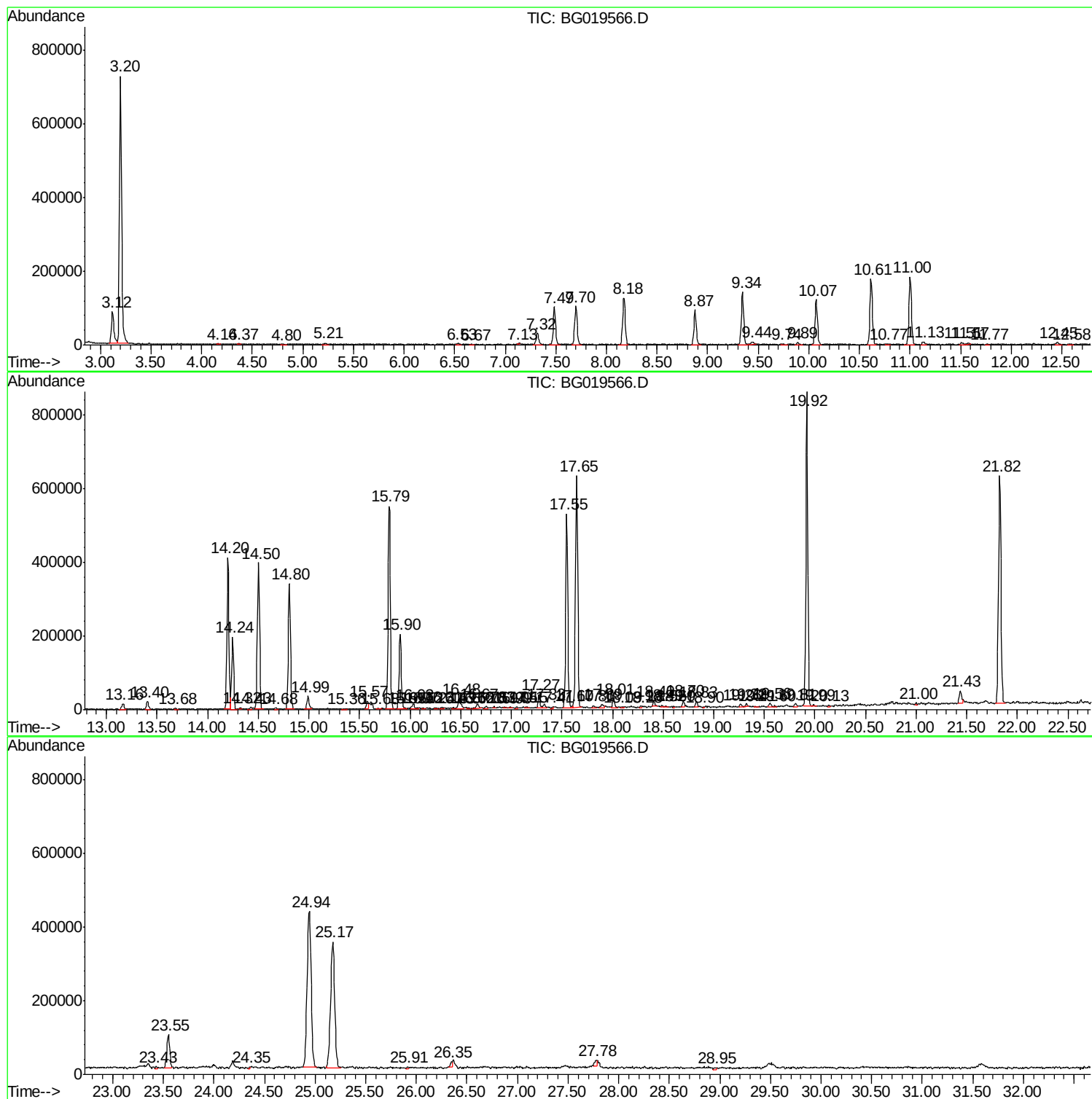
Sum of corrected areas: 13405456

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



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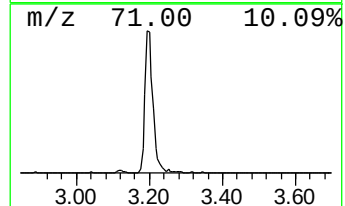
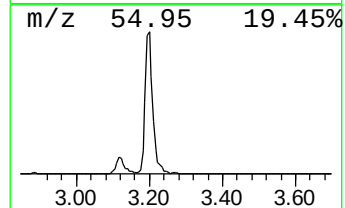
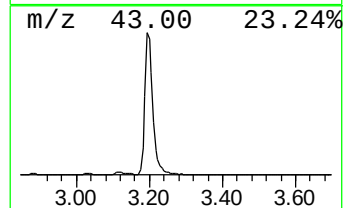
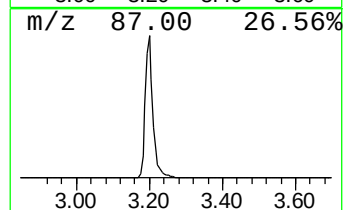
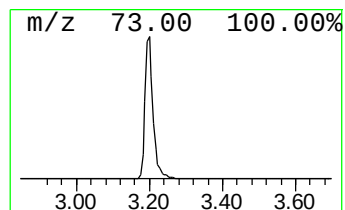
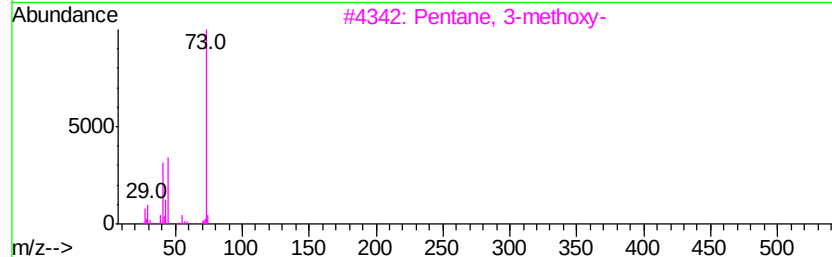
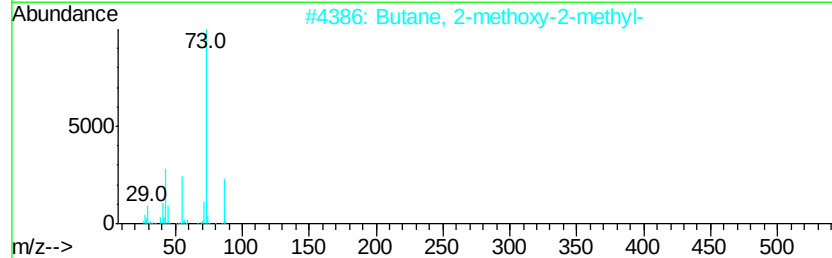
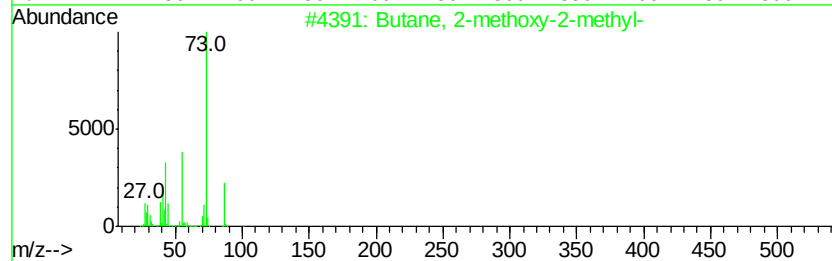
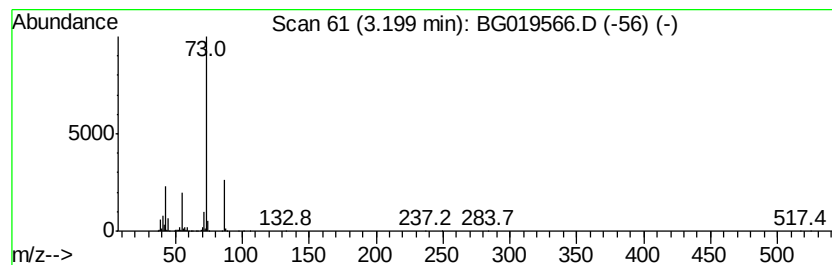
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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.
3.20	99.26 ng/ul	1077390	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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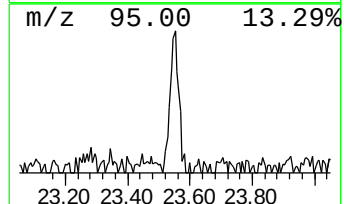
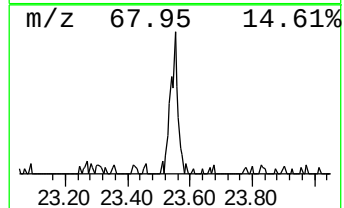
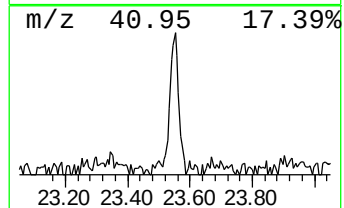
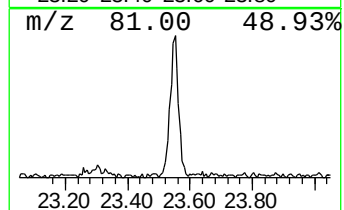
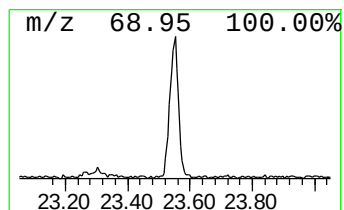
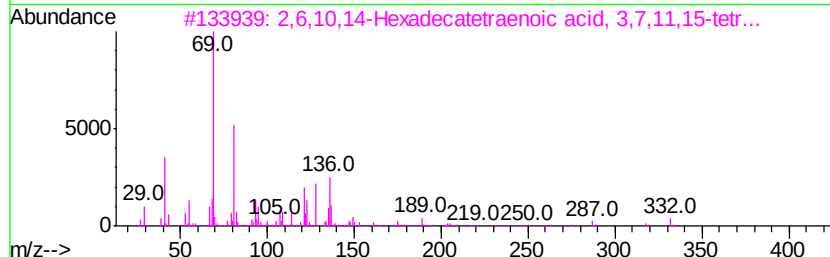
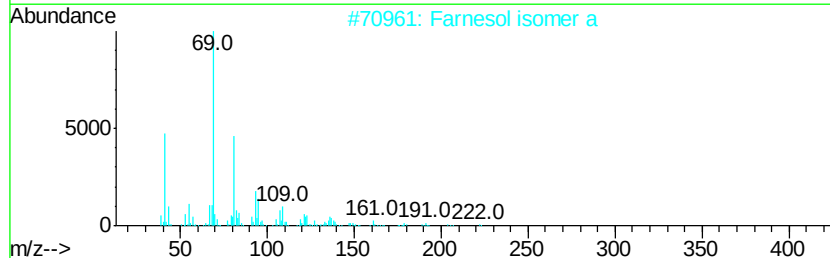
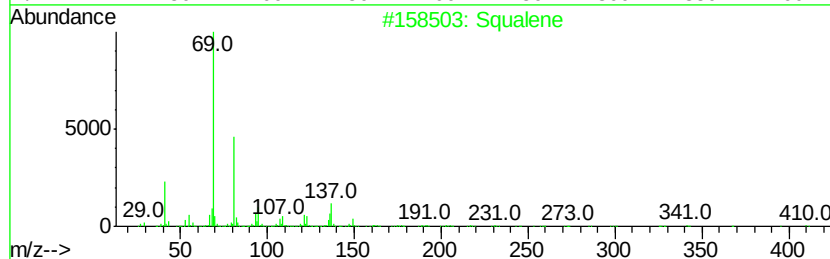
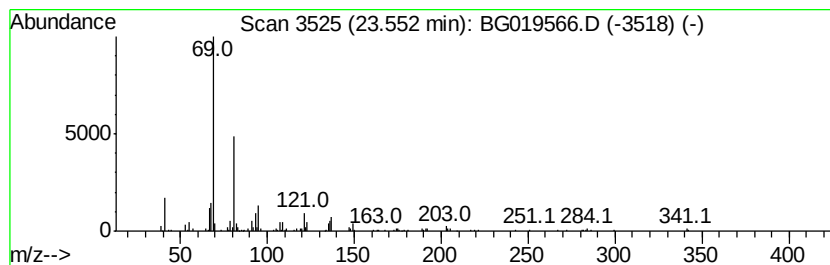
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.55	3.60 ng/ul	175498	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	78
2		Farnesol isomer a	222	C15H26O	1000108-92-4	72
3		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
4		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	99.3	ng/ul	1077390	1	8.18	217079	20.0
Squalene	23.55	3.6	ng/ul	175498	6	25.17	975405	20.0