

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019685.D
 Acq On : 18 Nov 2015 7:12
 Operator : UM/NP
 Sample : G4427-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A5

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-BG111615.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	3.085	36	42	50	rBV	75386	142479	6.88%	1.250%
2	3.167	50	56	76	rVB	1430441	2072376	100.00%	18.175%
3	3.449	100	104	109	rVB3	3264	4439	0.21%	0.039%
4	4.336	252	255	261	rVB3	4732	8060	0.39%	0.071%
5	5.177	392	398	403	rBV2	10508	16163	0.78%	0.142%
6	6.510	621	625	629	rVB2	4706	6699	0.32%	0.059%
7	7.292	752	758	771	rVB	69593	125071	6.04%	1.097%
8	7.462	779	787	796	rBB	59105	95925	4.63%	0.841%
9	7.674	817	823	830	rVB	68247	110847	5.35%	0.972%
10	8.150	898	904	911	rVB	101116	166326	8.03%	1.459%
11	8.855	1016	1024	1032	rBV2	84485	147699	7.13%	1.295%
12	9.319	1096	1103	1110	rBV	78694	132594	6.40%	1.163%
13	9.436	1119	1123	1127	rBV3	3181	5081	0.25%	0.045%
14	10.047	1220	1227	1236	rBV2	66742	115442	5.57%	1.012%
15	10.594	1313	1320	1328	rBV	91856	162300	7.83%	1.423%
16	10.976	1377	1385	1392	rBV	154649	270194	13.04%	2.370%
17	11.105	1401	1407	1418	rVB	74705	130192	6.28%	1.142%
18	13.138	1749	1753	1759	rBV4	5301	7663	0.37%	0.067%
19	13.385	1786	1795	1800	rBV2	8170	11776	0.57%	0.103%
20	13.590	1827	1830	1833	rBV2	2642	3392	0.16%	0.030%
21	14.178	1924	1930	1934	rBV	227758	326479	15.75%	2.863%
22	14.225	1934	1938	1944	rVB	216794	302815	14.61%	2.656%
23	14.477	1975	1981	1989	rVB	191677	287484	13.87%	2.521%
24	14.654	2006	2011	2015	rVB2	10421	13365	0.64%	0.117%
25	14.783	2026	2033	2041	rBV2	305340	474644	22.90%	4.163%
26	14.848	2041	2044	2048	rVB	3372	3361	0.16%	0.029%
27	14.965	2058	2064	2074	rBV2	85680	136099	6.57%	1.194%
28	15.118	2082	2090	2093	rBV5	2406	5107	0.25%	0.045%
29	15.183	2097	2101	2110	rVB6	12071	15866	0.77%	0.139%
30	15.553	2159	2164	2168	rBV2	5053	7679	0.37%	0.067%
31	15.600	2168	2172	2175	rVB	14295	17497	0.84%	0.153%
32	15.770	2194	2201	2207	rBV	301523	435534	21.02%	3.820%
33	15.823	2207	2210	2215	rVB5	4471	6682	0.32%	0.059%
34	15.882	2215	2220	2226	rVB	78140	108683	5.24%	0.953%

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35	15.987	2234	2238	2239	rBV	4730	4759	0.23%	0.042%
36	16.005	2239	2241	2245	rVB2	5640	6366	0.31%	0.056%
37	16.458	2313	2318	2320	rBV2	13844	17452	0.84%	0.153%
38	16.593	2337	2341	2345	rVB5	3572	5086	0.25%	0.045%
39	16.646	2345	2350	2356	rBV5	5019	10296	0.50%	0.090%
40	16.704	2356	2360	2365	rVB7	4507	8016	0.39%	0.070%
41	16.751	2365	2368	2372	rVB4	2150	3380	0.16%	0.030%
42	16.804	2372	2377	2378	rBV3	3379	4913	0.24%	0.043%
43	16.828	2378	2381	2383	rVB4	2870	3409	0.16%	0.030%
44	16.969	2400	2405	2410	rBV2	8022	11705	0.56%	0.103%
45	17.045	2413	2418	2423	rVB5	6472	10379	0.50%	0.091%
46	17.245	2447	2452	2457	rBV2	13118	18088	0.87%	0.159%
47	17.309	2457	2463	2467	rVV5	4738	9368	0.45%	0.082%
48	17.339	2467	2468	2474	rVB3	4136	5021	0.24%	0.044%
49	17.409	2474	2480	2482	rBV5	1837	3702	0.18%	0.032%
50	17.521	2492	2499	2504	rBV	437883	660501	31.87%	5.793%
51	17.568	2504	2507	2510	rVV	28142	36030	1.74%	0.316%
52	17.621	2510	2516	2526	rVB	333819	500116	24.13%	4.386%
53	17.774	2538	2542	2549	rBV5	3326	7353	0.35%	0.064%
54	17.873	2555	2559	2562	rBV4	2336	4062	0.20%	0.036%
55	17.985	2575	2578	2582	rVV3	5159	6147	0.30%	0.054%
56	18.032	2584	2586	2592	rVB3	4140	6571	0.32%	0.058%
57	18.385	2642	2646	2651	rBV4	15260	27351	1.32%	0.240%
58	18.438	2652	2655	2662	rVV6	10664	20027	0.97%	0.176%
59	18.520	2665	2669	2673	rVV2	11194	15137	0.73%	0.133%
60	18.590	2675	2681	2691	rVB3	22335	44995	2.17%	0.395%
61	18.673	2691	2695	2698	rBV3	5173	6337	0.31%	0.056%
62	18.802	2713	2717	2721	rVB4	7287	9240	0.45%	0.081%
63	18.884	2728	2731	2737	rVB3	14231	19940	0.96%	0.175%
64	18.984	2744	2748	2752	rVV6	3933	6296	0.30%	0.055%
65	19.184	2778	2782	2784	rVB3	4135	5218	0.25%	0.046%
66	19.231	2788	2790	2795	rVB4	9828	10578	0.51%	0.093%
67	19.295	2797	2801	2806	rVB5	12515	17349	0.84%	0.152%
68	19.366	2811	2813	2815	rVB3	4824	3808	0.18%	0.033%
69	19.560	2839	2846	2852	rBV	141615	202261	9.76%	1.774%
70	19.654	2859	2862	2866	rVB4	5506	4670	0.23%	0.041%
71	19.718	2869	2873	2879	rVB2	13772	25703	1.24%	0.225%

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72	19.777	2879	2883	2889	rBV4	13666	24189	1.17%	0.212%
73	19.895	2897	2903	2907	rBV	381443	599961	28.95%	5.262%
74	19.989	2916	2919	2925	rVB6	11241	16916	0.82%	0.148%
75	20.094	2935	2937	2941	rVB3	10885	12234	0.59%	0.107%
76	20.247	2956	2963	2968	rBV5	14431	38133	1.84%	0.334%
77	20.306	2969	2973	2977	rBV5	8055	12836	0.62%	0.113%
78	20.406	2987	2990	2998	rVB	36406	58252	2.81%	0.511%
79	20.506	3003	3007	3011	rBV3	37932	50688	2.45%	0.445%
80	20.705	3039	3041	3044	rVB4	11095	8656	0.42%	0.076%
81	20.835	3060	3063	3064	rBV3	7652	7948	0.38%	0.070%
82	20.993	3087	3090	3094	rBV5	14518	21098	1.02%	0.185%
83	21.040	3095	3098	3102	rVB4	27931	35136	1.70%	0.308%
84	21.076	3102	3104	3106	rBV3	5984	4620	0.22%	0.041%
85	21.111	3107	3110	3114	rBV6	8308	12492	0.60%	0.110%
86	21.405	3156	3160	3164	rVB4	25223	41055	1.98%	0.360%
87	21.792	3217	3226	3231	rBV2	541600	1017863	49.12%	8.927%
88	21.839	3231	3234	3246	rVB	62591	104301	5.03%	0.915%
89	22.803	3396	3398	3399	rBV2	6489	5544	0.27%	0.049%
90	23.285	3472	3480	3491	rBV9	22465	54379	2.62%	0.477%
91	23.490	3509	3515	3522	rVB	84221	164157	7.92%	1.440%
92	24.049	3604	3610	3614	rBV	32517	78161	3.77%	0.685%
93	24.795	3730	3737	3742	rBV3	21180	50642	2.44%	0.444%
94	24.877	3743	3751	3758	rVV	167302	428602	20.68%	3.759%
95	25.106	3780	3790	3800	rBV2	289363	845986	40.82%	7.420%
96	26.264	3981	3987	3995	rVB8	19911	52956	2.56%	0.464%
97	27.315	4164	4166	4167	rBV2	4037	3599	0.17%	0.032%
98	28.402	4347	4351	4353	rBV5	5042	7281	0.35%	0.064%
99	28.861	4427	4429	4430	rBV2	5012	3317	0.16%	0.029%
100	29.160	4479	4480	4483	rVB3	4436	3455	0.17%	0.030%

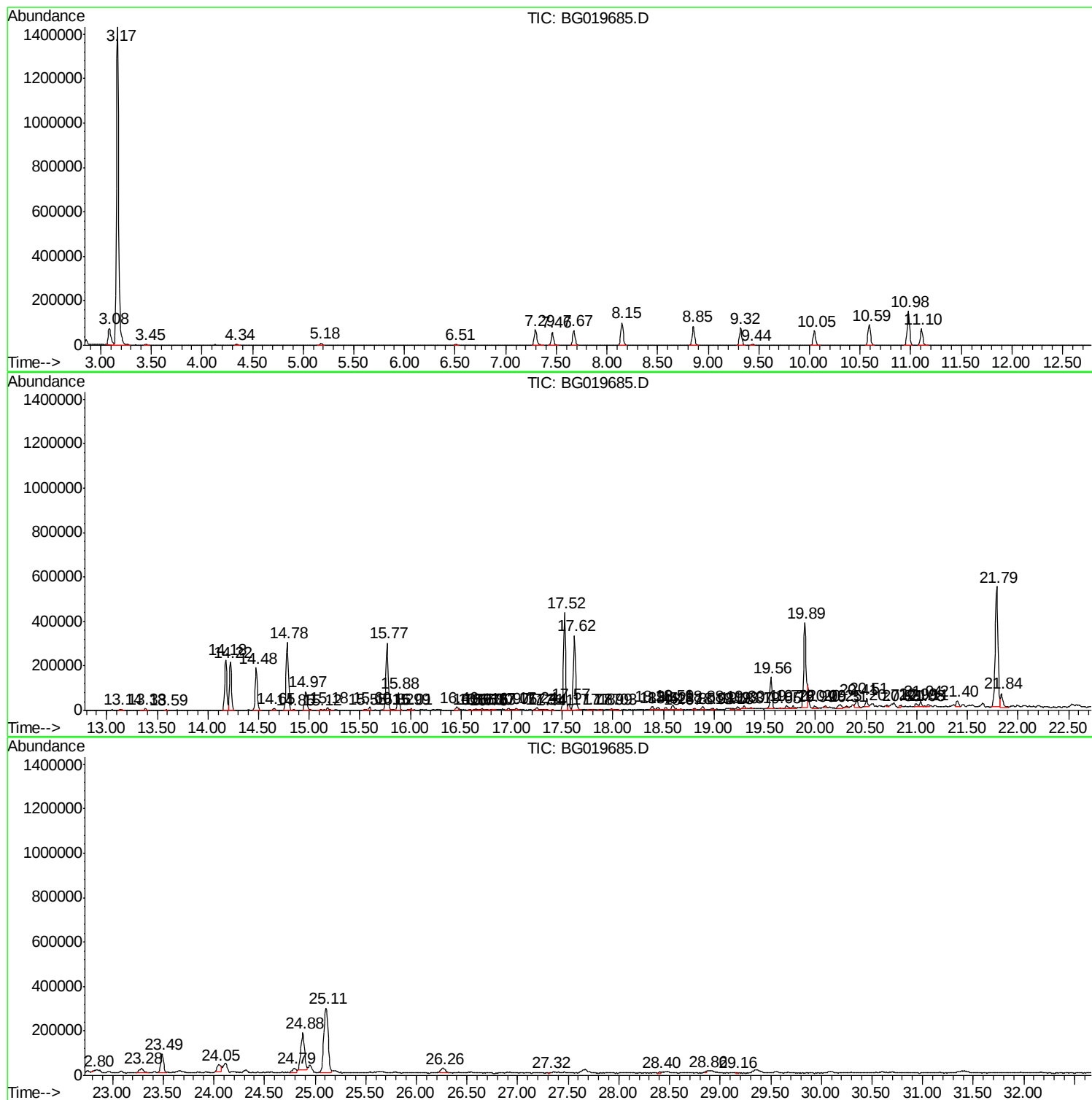
Sum of corrected areas: 11402100

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



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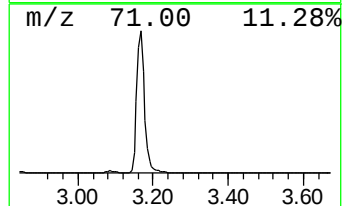
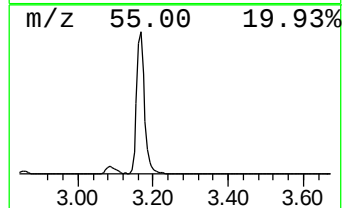
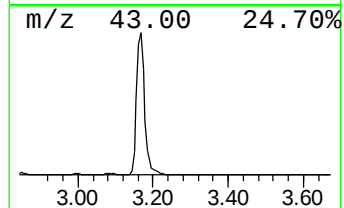
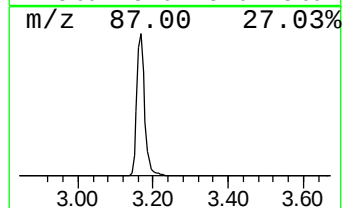
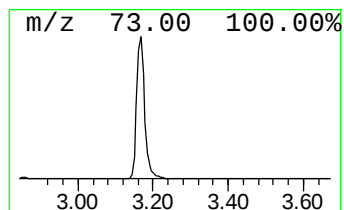
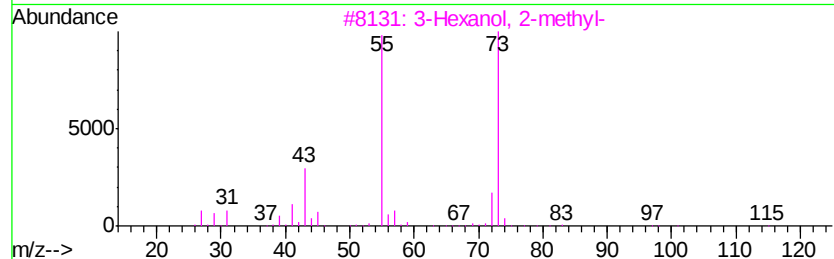
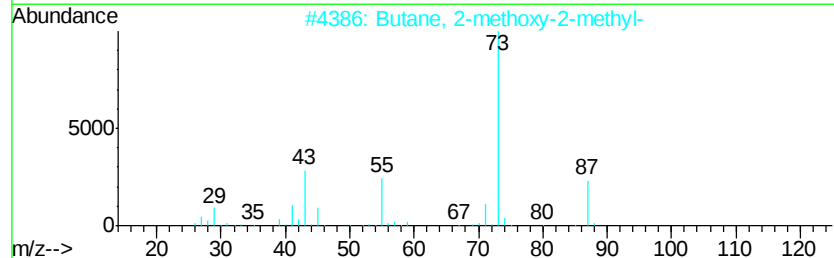
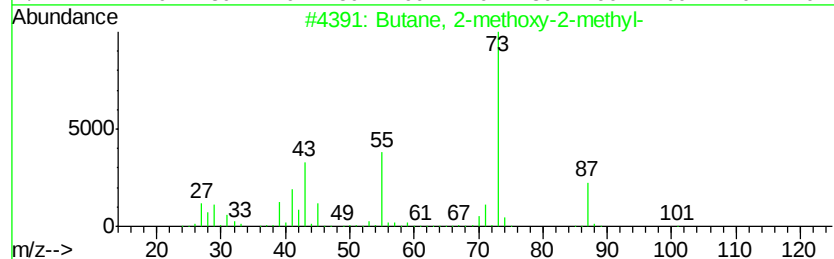
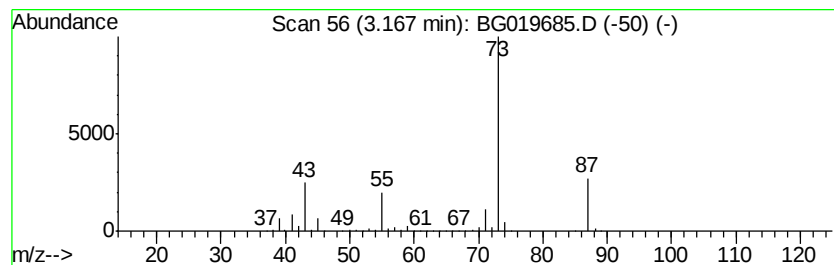
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.17	249.19 ng/ul	2072380	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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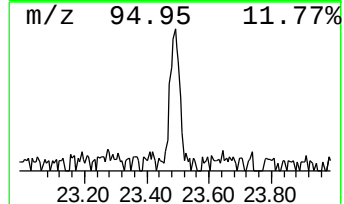
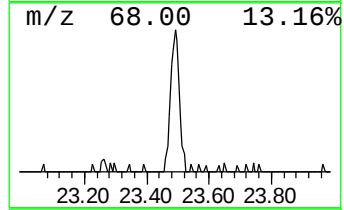
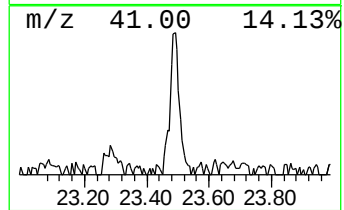
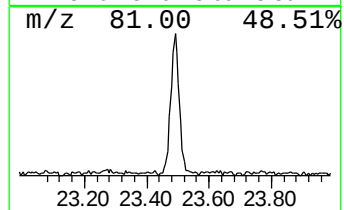
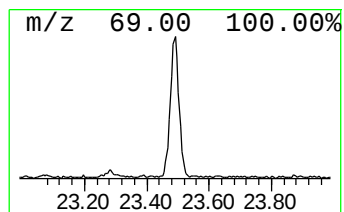
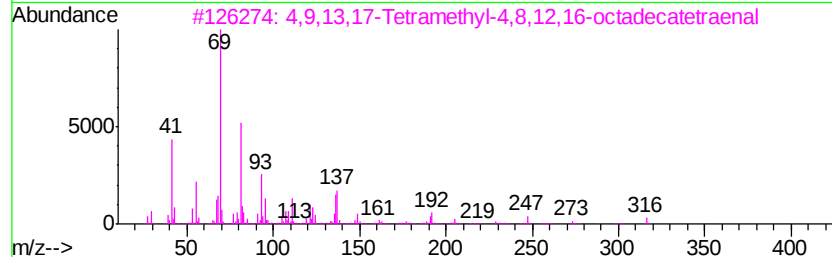
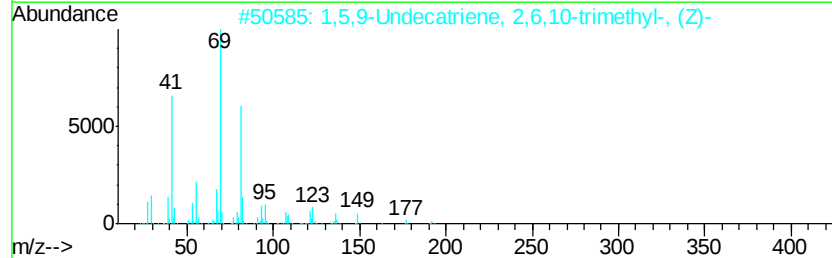
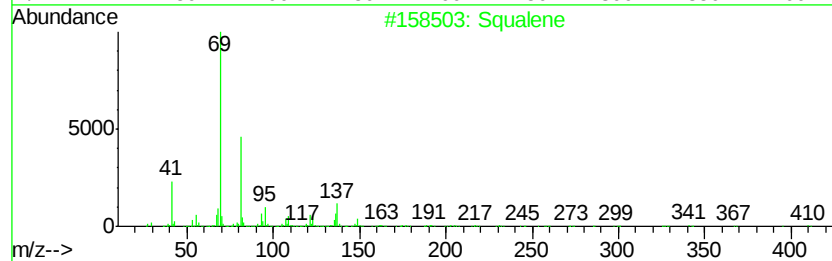
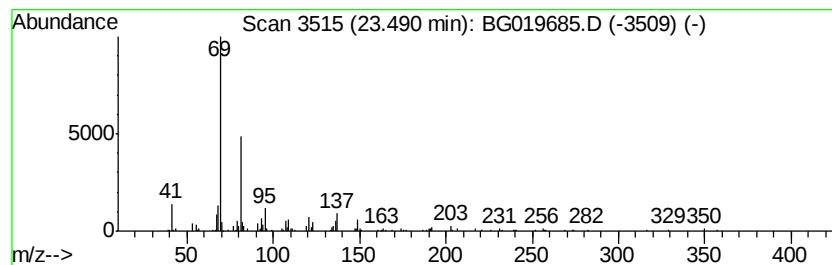
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	3.88 ng/ul	164157	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5		Oxirane, 2,2-dimethyl-3-(3,7,12,...	426	C30H50O	007200-26-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	249.2	ng/ul	2072380	1	8.15	166326	20.0
Squalene	23.49	3.9	ng/ul	164157	6	25.11	845986	20.0