

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
 Data File : BG018566.D
 Acq On : 1 Sep 2015 16:56
 Operator : UM/IZ
 Sample : G3478-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

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	2.890	6	9	15	rVB3	33356	50046	2.15%	0.215%
2	3.108	42	46	54	rVV	91037	143241	6.15%	0.617%
3	3.184	54	59	72	rVB	803244	1089885	46.76%	4.691%
4	3.448	100	104	113	rVB2	18076	35796	1.54%	0.154%
5	3.918	182	184	187	rVB4	4675	4071	0.17%	0.018%
6	3.948	187	189	191	rBV3	5468	4567	0.20%	0.020%
7	4.048	204	206	209	rBV3	4896	4844	0.21%	0.021%
8	5.111	381	387	392	rBV5	6206	12790	0.55%	0.055%
9	5.358	427	429	430	rVB2	5641	3896	0.17%	0.017%
10	5.740	493	494	498	rBV3	3374	4279	0.18%	0.018%
11	5.816	505	507	510	rBV4	3454	3934	0.17%	0.017%
12	5.957	530	531	535	rBV4	3771	4089	0.18%	0.018%
13	6.069	547	550	551	rBV3	5593	4008	0.17%	0.017%
14	6.145	559	563	565	rBV5	4722	5568	0.24%	0.024%
15	6.521	626	627	631	rBV4	3669	4571	0.20%	0.020%
16	7.168	730	737	750	rVB	286262	501137	21.50%	2.157%
17	7.332	755	765	775	rVV	245674	406169	17.42%	1.748%
18	7.538	794	800	808	rBV	275700	462352	19.84%	1.990%
19	7.644	815	818	821	rVB3	3940	4787	0.21%	0.021%
20	7.702	827	828	832	rVB3	5391	5197	0.22%	0.022%
21	7.749	832	836	839	rBV4	5065	8468	0.36%	0.036%
22	7.785	839	842	845	rBV4	4723	6607	0.28%	0.028%
23	7.867	853	856	861	rVB6	5589	8331	0.36%	0.036%
24	8.008	873	880	888	rBV	329665	548233	23.52%	2.360%
25	8.589	975	979	982	rBV5	3645	4629	0.20%	0.020%
26	8.707	992	999	1012	rBV2	370191	643629	27.61%	2.770%
27	9.165	1070	1077	1083	rBV2	252409	447656	19.20%	1.927%
28	9.265	1091	1094	1098	rBV5	4996	7086	0.30%	0.030%
29	9.324	1101	1104	1108	rVB5	6616	7824	0.34%	0.034%
30	9.512	1133	1136	1139	rVB5	5283	6568	0.28%	0.028%
31	9.835	1189	1191	1192	rBV2	4768	4230	0.18%	0.018%
32	9.888	1194	1200	1207	rVB2	179402	307456	13.19%	1.323%
33	10.111	1235	1238	1240	rVB4	5680	5064	0.22%	0.022%
34	10.141	1240	1243	1245	rVV4	4920	4233	0.18%	0.018%

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35	10.311	1270	1272	1276	rVB5	3340	4259	0.18%	0.018%
36	10.429	1286	1292	1299	rBV2	367324	642863	27.58%	2.767%
37	10.575	1314	1317	1321	rVB6	7674	10884	0.47%	0.047%
38	10.810	1348	1357	1366	rBV	465302	845638	36.28%	3.640%
39	10.940	1372	1379	1388	rBV	337398	629521	27.01%	2.710%
40	11.069	1398	1401	1404	rBV5	2955	3905	0.17%	0.017%
41	11.392	1453	1456	1457	rVB2	4957	4246	0.18%	0.018%
42	11.592	1485	1490	1492	rBV4	7526	9913	0.43%	0.043%
43	11.827	1527	1530	1535	rVV5	2767	5436	0.23%	0.023%
44	11.886	1535	1540	1542	rVB6	4592	6458	0.28%	0.028%
45	12.262	1600	1604	1606	rBV4	2806	4608	0.20%	0.020%
46	12.485	1639	1642	1645	rVB3	5238	6903	0.30%	0.030%
47	12.526	1645	1649	1650	rBV3	5269	5114	0.22%	0.022%
48	12.702	1676	1679	1684	rVB5	2854	4217	0.18%	0.018%
49	12.996	1724	1729	1737	rBV6	15402	28993	1.24%	0.125%
50	13.078	1741	1743	1746	rVB3	5047	4680	0.20%	0.020%
51	13.125	1746	1751	1752	rBV5	4286	5959	0.26%	0.026%
52	13.237	1766	1770	1775	rBV3	23601	35591	1.53%	0.153%
53	13.378	1792	1794	1798	rVB4	6964	8188	0.35%	0.035%
54	13.531	1813	1820	1822	rBV7	9321	19456	0.83%	0.084%
55	13.983	1895	1897	1900	rBV3	3942	4142	0.18%	0.018%
56	14.036	1900	1906	1910	rVV	794501	1152758	49.45%	4.962%
57	14.083	1910	1914	1921	rVB	423827	603108	25.87%	2.596%
58	14.142	1921	1924	1927	rBV4	2895	4136	0.18%	0.018%
59	14.330	1949	1956	1963	rVB	610956	966375	41.46%	4.159%
60	14.530	1986	1990	1993	rVB5	4818	6031	0.26%	0.026%
61	14.635	1999	2008	2016	rBV2	846795	1336537	57.34%	5.753%
62	14.823	2033	2040	2051	rBV	346449	589479	25.29%	2.537%
63	15.041	2075	2077	2082	rVB5	7400	7892	0.34%	0.034%
64	15.211	2102	2106	2109	rBV6	5836	9706	0.42%	0.042%
65	15.370	2131	2133	2137	rVV4	4089	4995	0.21%	0.021%
66	15.434	2140	2144	2147	rVV5	11415	19636	0.84%	0.085%
67	15.476	2147	2151	2155	rVV5	18689	27891	1.20%	0.120%
68	15.505	2155	2156	2161	rVV4	4810	5612	0.24%	0.024%
69	15.622	2170	2176	2183	rVV	715591	1059776	45.47%	4.561%
70	15.734	2189	2195	2201	rBV2	216558	328478	14.09%	1.414%
71	15.869	2213	2218	2220	rBV6	8340	14056	0.60%	0.060%

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72	16.040	2241	2247	2249	rBV5	4834	9015	0.39%	0.039%
73	16.098	2255	2257	2263	rVB5	8105	11786	0.51%	0.051%
74	16.151	2263	2266	2267	rBV3	5574	5772	0.25%	0.025%
75	16.192	2272	2273	2277	rVB4	4990	5102	0.22%	0.022%
76	16.339	2294	2298	2301	rBV	29025	39768	1.71%	0.171%
77	16.404	2306	2309	2314	rVB4	20575	31661	1.36%	0.136%
78	16.468	2317	2320	2323	rBV5	3660	5307	0.23%	0.023%
79	16.739	2365	2366	2369	rBV3	3975	4567	0.20%	0.020%
80	17.132	2429	2433	2436	rBV	28294	33188	1.42%	0.143%
81	17.273	2455	2457	2458	rBV2	7366	4688	0.20%	0.020%
82	17.379	2468	2475	2483	rBV	1208928	1844293	79.12%	7.938%
83	17.473	2485	2491	2499	rVB	765651	1135403	48.71%	4.887%
84	17.655	2518	2522	2526	rBV5	7627	12241	0.53%	0.053%
85	17.873	2555	2559	2562	rVV4	16673	21813	0.94%	0.094%
86	17.937	2568	2570	2572	rVB3	5523	3934	0.17%	0.017%
87	18.037	2582	2587	2590	rBV7	8982	13884	0.60%	0.060%
88	18.125	2600	2602	2603	rBV2	6372	5599	0.24%	0.024%
89	18.214	2616	2617	2619	rBV2	7377	4890	0.21%	0.021%
90	18.261	2621	2625	2631	rVV4	51050	82772	3.55%	0.356%
91	18.684	2695	2697	2701	rVB5	11434	11745	0.50%	0.051%
92	18.801	2715	2717	2719	rBV3	5490	3979	0.17%	0.017%
93	19.295	2799	2801	2804	rVB3	6614	5291	0.23%	0.023%
94	19.677	2863	2866	2872	rVB7	30081	36432	1.56%	0.157%
95	19.759	2874	2880	2887	rVV	762811	1056710	45.33%	4.548%
96	20.716	3041	3043	3048	rVB4	26028	26338	1.13%	0.113%
97	21.633	3193	3199	3209	rVB	1418374	2330963	100.00%	10.033%
98	23.313	3480	3485	3495	rVB	138850	273598	11.74%	1.178%
99	24.600	3697	3704	3718	rVB2	335623	877520	37.65%	3.777%
100	24.829	3734	3743	3754	rVB	752771	2142454	91.91%	9.221%

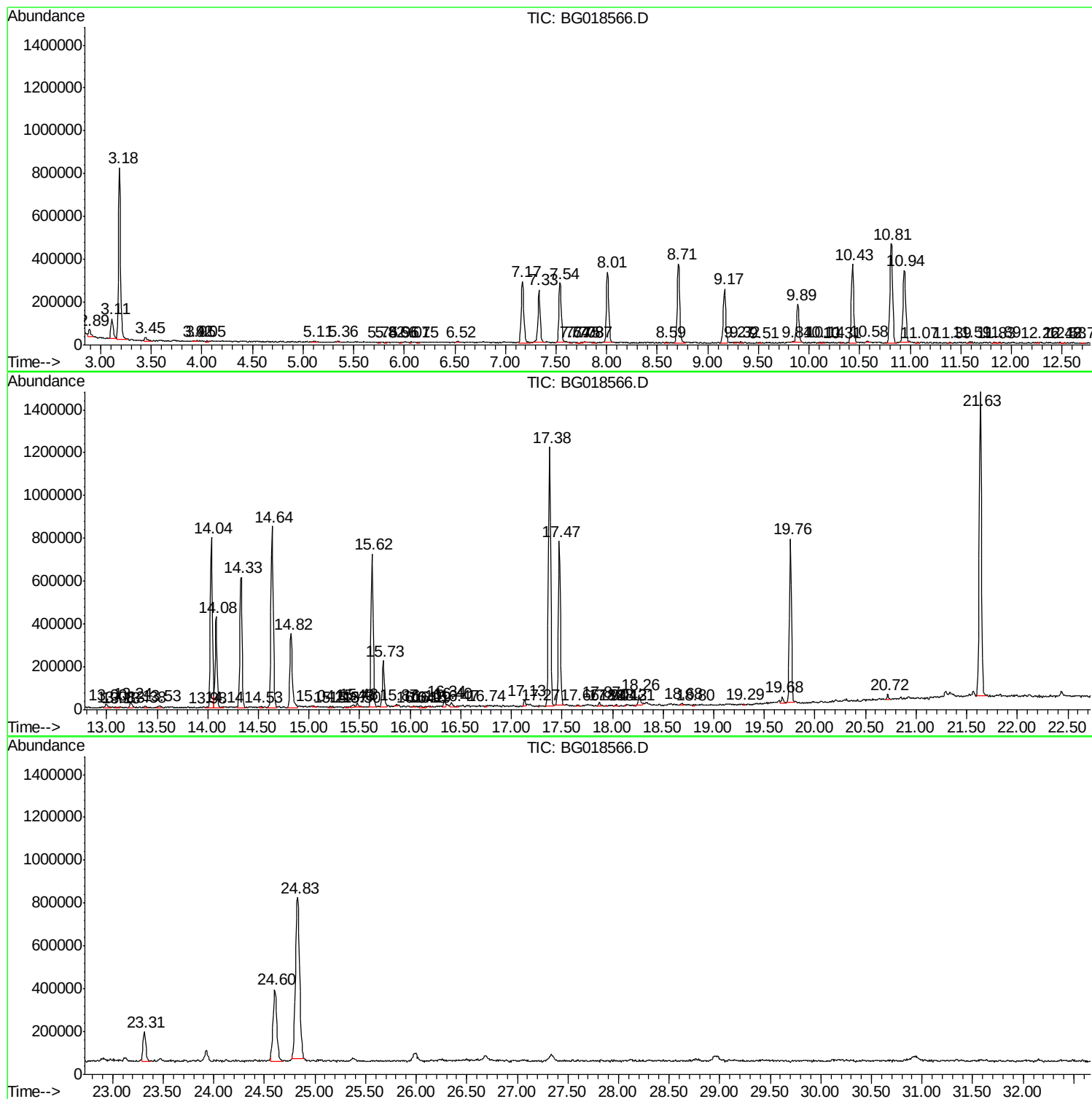
Sum of corrected areas: 23233394

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



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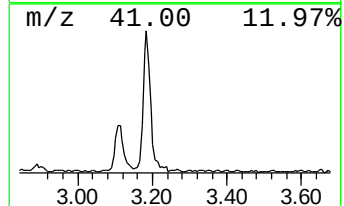
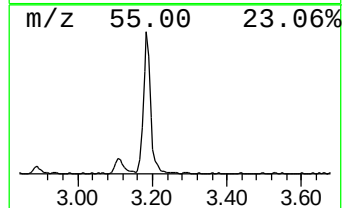
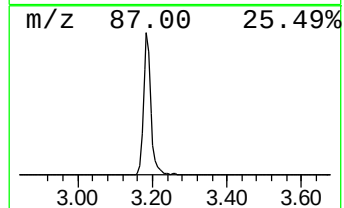
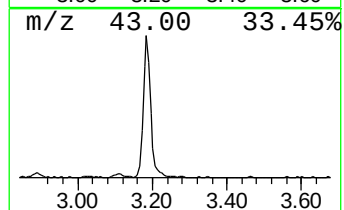
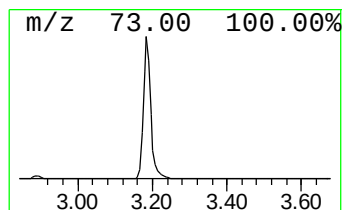
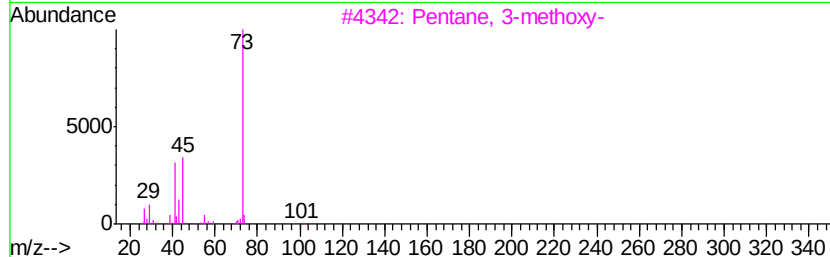
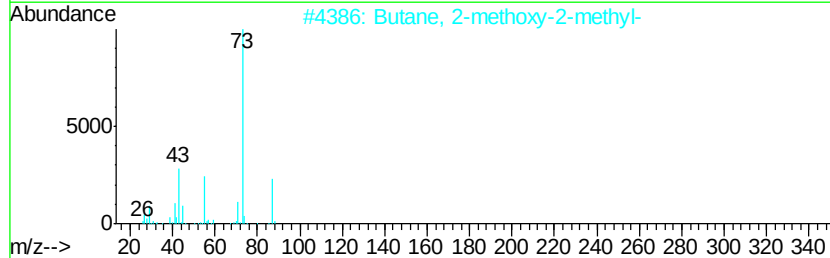
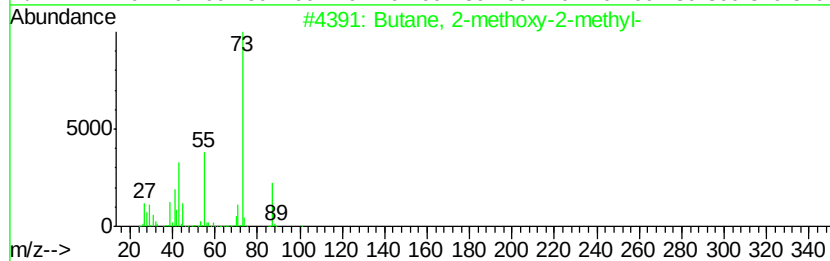
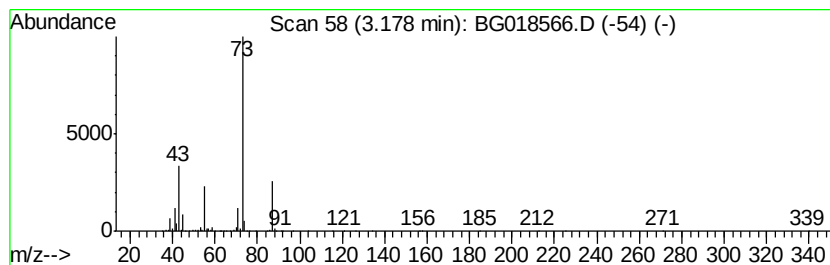
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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.
3.18	39.76 ng/ul	1089890	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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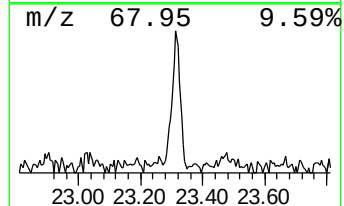
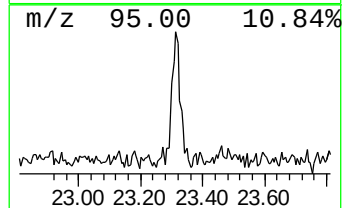
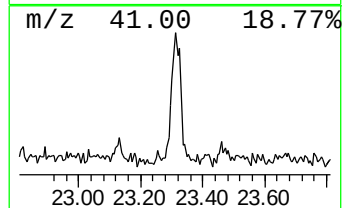
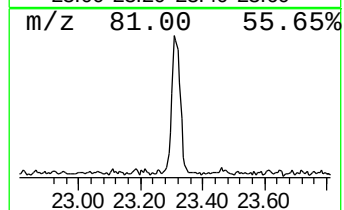
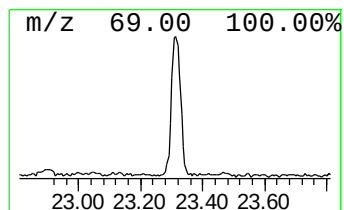
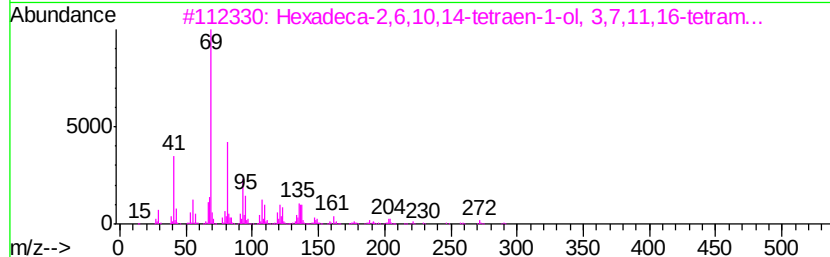
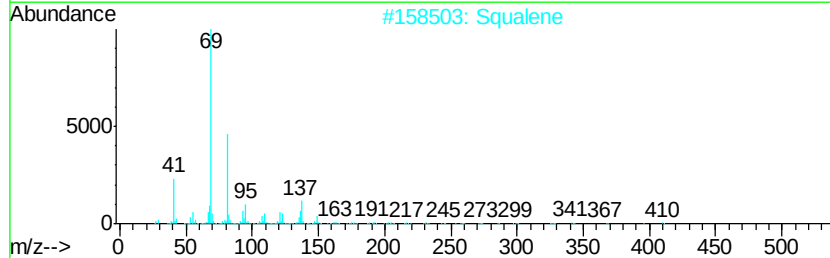
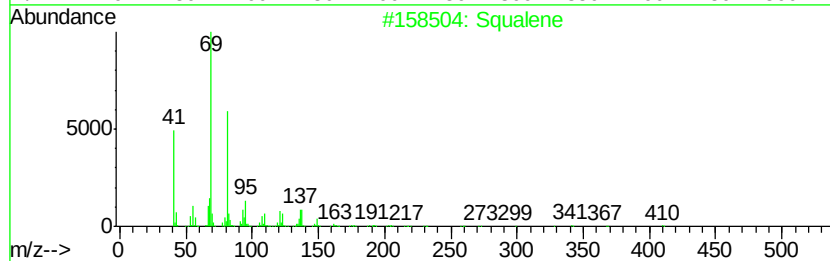
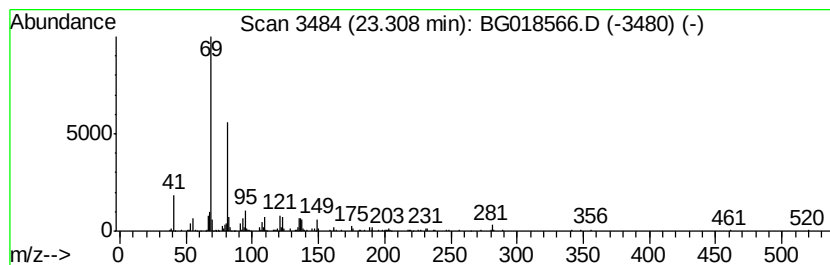
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	2.55 ng/ul	273598	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	83
2		Squalene	410	C30H50	007683-64-9	72
3		Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	64
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	39.8	ng/ul	1089890	1	8.01	548233	20.0
Squalene	23.31	2.5	ng/ul	273598	6	24.83	2142450	20.0