

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
 Data File : BG018567.D
 Acq On : 1 Sep 2015 17:34
 Operator : UM/IZ
 Sample : G3478-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF5

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	2.893	5	9	12	rVB2	27560	32420	1.44%	0.140%
2	3.110	41	46	54	rBV	74479	129287	5.76%	0.558%
3	3.187	54	59	69	rVB	652833	889580	39.63%	3.842%
4	3.398	94	95	98	rBV2	5091	3703	0.16%	0.016%
5	3.445	100	103	112	rVB3	15119	20791	0.93%	0.090%
6	4.009	197	199	204	rVB4	5541	6064	0.27%	0.026%
7	4.291	246	247	250	rBV3	5456	4814	0.21%	0.021%
8	4.450	272	274	277	rBV3	3476	4404	0.20%	0.019%
9	4.879	345	347	350	rVB4	3522	3810	0.17%	0.016%
10	4.920	350	354	355	rBV4	4227	5059	0.23%	0.022%
11	5.038	373	374	379	rBV3	4599	4488	0.20%	0.019%
12	5.108	383	386	387	rVB3	4661	4163	0.19%	0.018%
13	5.243	407	409	412	rBV3	3778	4474	0.20%	0.019%
14	5.543	459	460	464	rBV3	3373	4072	0.18%	0.018%
15	6.201	568	572	575	rBV5	3333	4785	0.21%	0.021%
16	6.518	621	626	628	rBV5	3193	4413	0.20%	0.019%
17	6.542	628	630	632	rVB3	4824	4459	0.20%	0.019%
18	6.583	632	637	638	rBV5	5313	7075	0.32%	0.031%
19	6.841	678	681	683	rBV4	3446	4293	0.19%	0.019%
20	7.164	730	736	747	rVB	219231	374367	16.68%	1.617%
21	7.329	754	764	772	rBV	184504	298643	13.31%	1.290%
22	7.541	794	800	808	rVV	213993	367928	16.39%	1.589%
23	7.593	808	809	813	rVB3	3796	4408	0.20%	0.019%
24	7.776	837	840	842	rBV4	4010	4930	0.22%	0.021%
25	8.011	871	880	888	rBV	328995	554059	24.69%	2.393%
26	8.193	909	911	915	rVB3	3270	3746	0.17%	0.016%
27	8.345	934	937	939	rBV4	3413	4145	0.18%	0.018%
28	8.710	991	999	1008	rBV2	283178	489198	21.80%	2.113%
29	8.786	1010	1012	1015	rBV4	3207	3866	0.17%	0.017%
30	9.098	1061	1065	1066	rBV2	3783	3832	0.17%	0.017%
31	9.162	1069	1076	1086	rBV	196017	357683	15.94%	1.545%
32	9.262	1091	1093	1095	rBV3	4571	3789	0.17%	0.016%
33	9.468	1125	1128	1131	rVB3	3958	4173	0.19%	0.018%
34	9.720	1167	1171	1173	rBV4	4097	5175	0.23%	0.022%

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35	9.773	1178	1180	1184	rBV4	2925	4657	0.21%	0.020%
36	9.838	1186	1191	1192	rVV5	4802	4505	0.20%	0.019%
37	9.891	1192	1200	1209	rVB	163806	302851	13.49%	1.308%
38	9.985	1213	1216	1219	rBV3	4182	6051	0.27%	0.026%
39	10.431	1284	1292	1301	rBV	282858	501873	22.36%	2.167%
40	10.578	1312	1317	1318	rBV4	7474	12022	0.54%	0.052%
41	10.813	1350	1357	1368	rVB	479782	851188	37.92%	3.676%
42	10.942	1370	1379	1387	rBV	286667	514391	22.92%	2.221%
43	11.054	1396	1398	1404	rVB4	3347	5111	0.23%	0.022%
44	11.177	1418	1419	1423	rVB4	4275	4143	0.18%	0.018%
45	11.401	1455	1457	1461	rBV4	3515	4164	0.19%	0.018%
46	11.459	1463	1467	1469	rVV4	3919	6376	0.28%	0.028%
47	11.724	1510	1512	1515	rBV4	4355	4546	0.20%	0.020%
48	11.830	1526	1530	1532	rBV4	3721	4082	0.18%	0.018%
49	11.888	1537	1540	1544	rVB5	4014	4324	0.19%	0.019%
50	12.282	1604	1607	1610	rBV4	3189	4490	0.20%	0.019%
51	12.306	1610	1611	1613	rVB2	6092	3876	0.17%	0.017%
52	12.341	1616	1617	1620	rVB3	5087	3819	0.17%	0.016%
53	12.752	1686	1687	1689	rBV	4853	4020	0.18%	0.017%
54	12.993	1723	1728	1736	rBV5	10979	21923	0.98%	0.095%
55	13.240	1765	1770	1775	rVB3	21628	29853	1.33%	0.129%
56	13.322	1779	1784	1787	rVB6	3099	5186	0.23%	0.022%
57	13.387	1792	1795	1798	rBV4	3577	4872	0.22%	0.021%
58	13.522	1815	1818	1819	rBV2	5632	5433	0.24%	0.023%
59	13.551	1819	1823	1826	rVB6	5409	8857	0.39%	0.038%
60	14.033	1899	1905	1909	rBV	579957	844508	37.63%	3.647%
61	14.080	1909	1913	1922	rVB	327352	467860	20.85%	2.020%
62	14.162	1926	1927	1934	rVB6	3235	3747	0.17%	0.016%
63	14.327	1949	1955	1962	rBV	606213	923331	41.14%	3.987%
64	14.526	1986	1989	1994	rVB6	6139	7777	0.35%	0.034%
65	14.638	1999	2008	2016	rBV2	837356	1386521	61.78%	5.988%
66	14.820	2034	2039	2049	rBV	236859	403244	17.97%	1.741%
67	15.038	2072	2076	2078	rBV5	8110	9776	0.44%	0.042%
68	15.161	2095	2097	2100	rVB4	6381	5176	0.23%	0.022%
69	15.314	2119	2123	2129	rVV9	2823	3862	0.17%	0.017%
70	15.437	2138	2144	2147	rBV6	9815	20051	0.89%	0.087%
71	15.478	2147	2151	2157	rVB3	14809	19738	0.88%	0.085%

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72	15.625	2169	2176	2182	rBV	774640	1156905	51.55%	4.996%
73	15.737	2189	2195	2205	rVV	191184	292626	13.04%	1.264%
74	15.866	2211	2217	2218	rBV5	14198	18613	0.83%	0.080%
75	15.978	2235	2236	2241	rVB4	6299	8101	0.36%	0.035%
76	16.342	2293	2298	2300	rBV2	21711	29306	1.31%	0.127%
77	16.459	2317	2318	2321	rBV3	4265	4138	0.18%	0.018%
78	16.577	2335	2338	2341	rBV5	7514	9927	0.44%	0.043%
79	17.129	2427	2432	2436	rBV4	26136	35610	1.59%	0.154%
80	17.165	2436	2438	2439	rVB2	6664	4187	0.19%	0.018%
81	17.376	2467	2474	2483	rBV2	1262356	1931463	86.05%	8.341%
82	17.476	2483	2491	2499	rVB	953241	1411067	62.87%	6.094%
83	17.546	2499	2503	2504	rBV4	4325	6442	0.29%	0.028%
84	17.658	2518	2522	2527	rBV7	7515	11980	0.53%	0.052%
85	17.870	2554	2558	2562	rBV5	16124	23440	1.04%	0.101%
86	17.905	2562	2564	2566	rBV3	6581	5070	0.23%	0.022%
87	17.946	2568	2571	2572	rBV3	4154	4394	0.20%	0.019%
88	18.040	2584	2587	2590	rVB5	6228	5976	0.27%	0.026%
89	18.140	2599	2604	2608	rBV8	13684	27136	1.21%	0.117%
90	18.257	2619	2624	2631	rBV2	58452	106801	4.76%	0.461%
91	18.692	2694	2698	2701	rVB5	19316	24054	1.07%	0.104%
92	19.526	2838	2840	2841	rBV2	8893	6547	0.29%	0.028%
93	19.679	2863	2866	2870	rVB2	76722	92095	4.10%	0.398%
94	19.761	2873	2880	2885	rBV	999355	1491853	66.47%	6.442%
95	19.997	2918	2920	2921	rBV2	7759	4698	0.21%	0.020%
96	20.719	3040	3043	3048	rVB	82318	90317	4.02%	0.390%
97	21.636	3193	3199	3210	rVB	1412312	2244454	100.00%	9.692%
98	23.316	3479	3485	3493	rBV	244414	459539	20.47%	1.984%
99	24.609	3697	3705	3716	rVB	538608	1372898	61.17%	5.929%
100	24.832	3734	3743	3759	rVB	773635	2236729	99.66%	9.659%

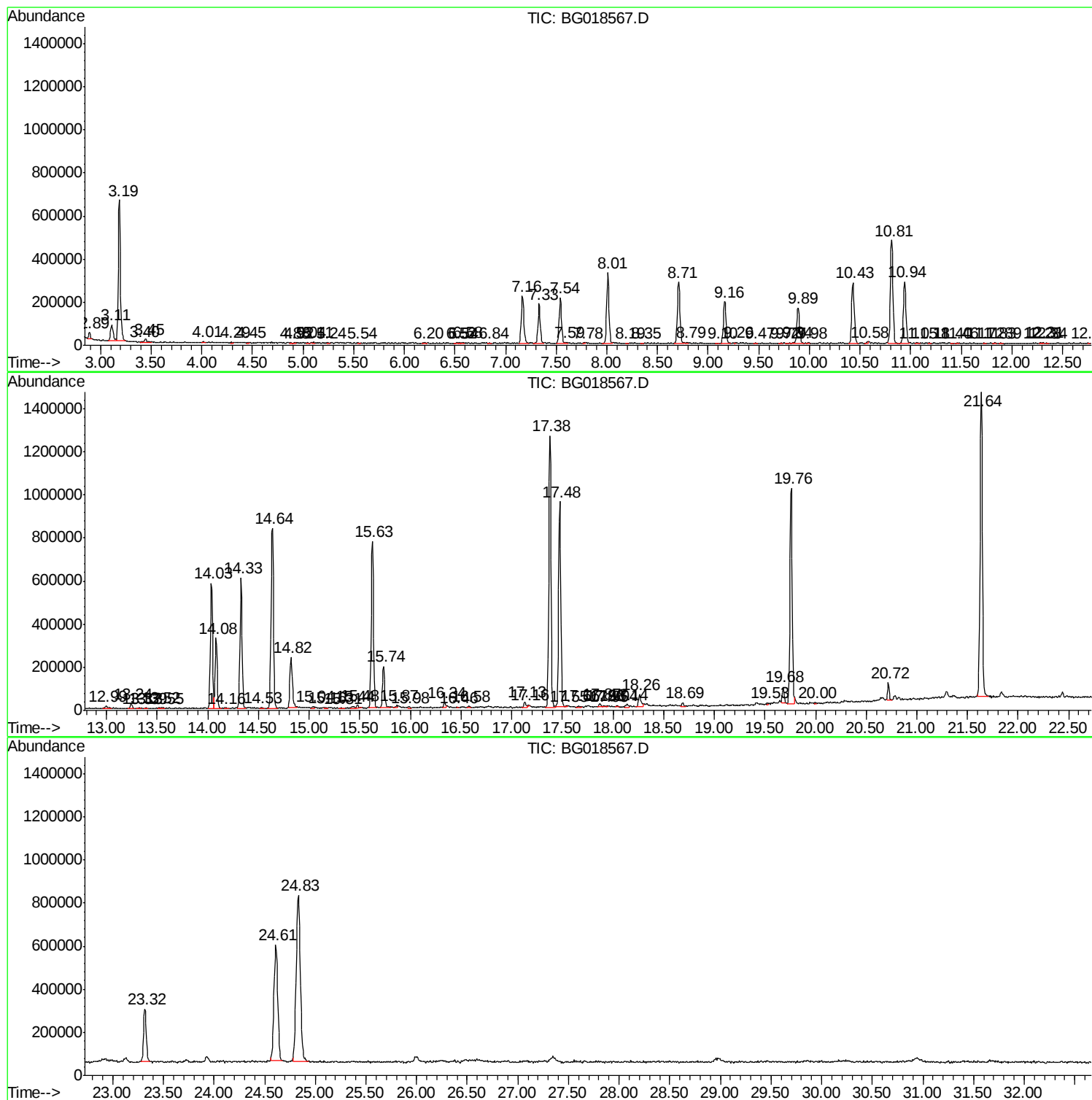
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TIC Library : C:\DATABASE\NIST02.L
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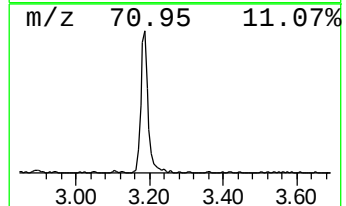
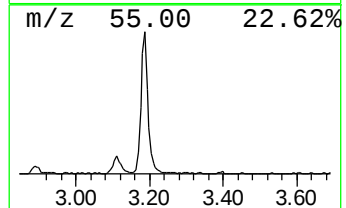
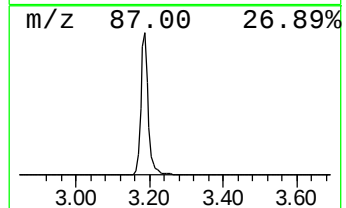
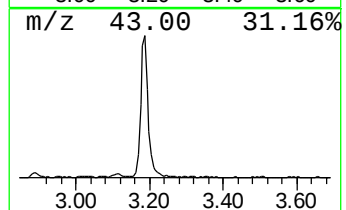
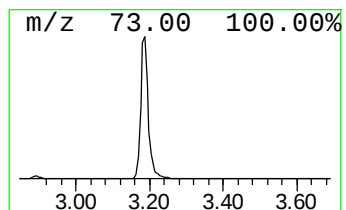
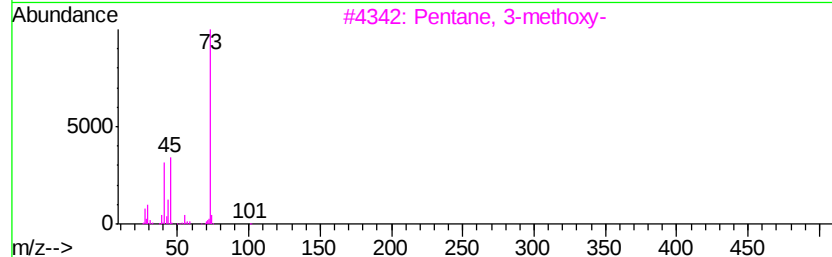
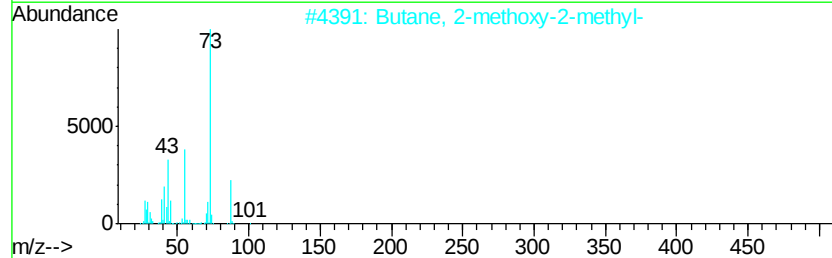
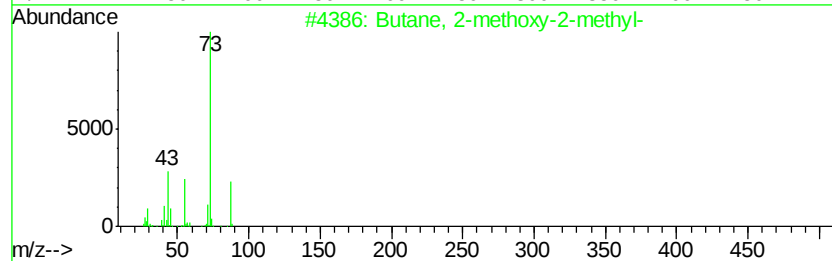
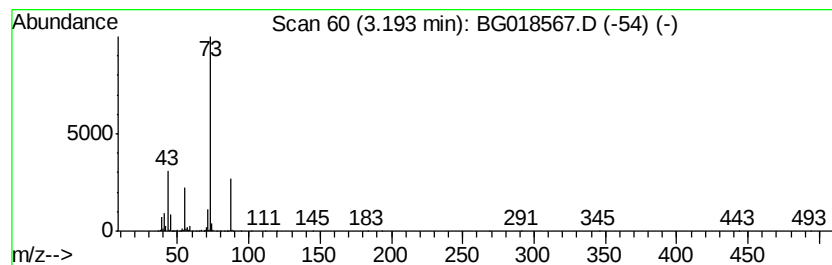
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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	32.11 ng/ul	889580	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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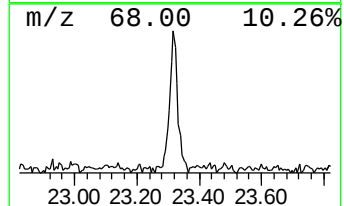
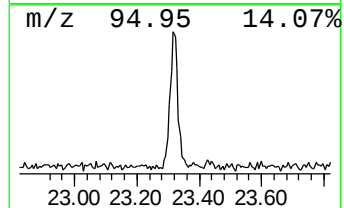
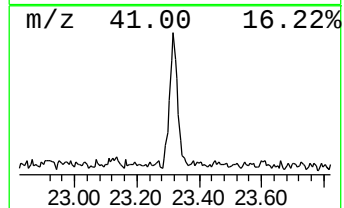
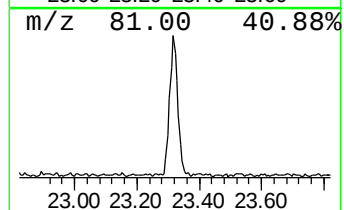
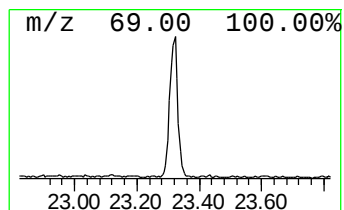
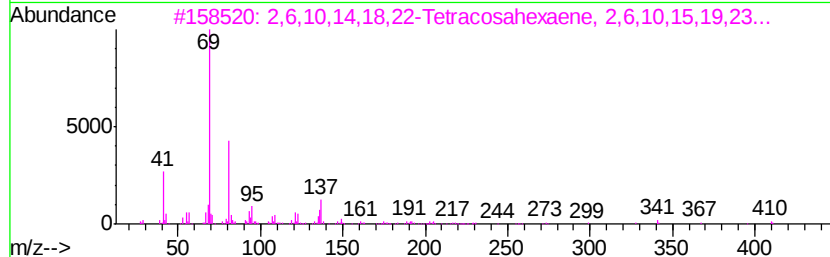
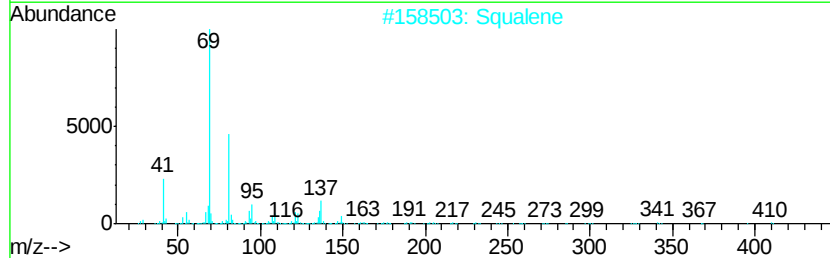
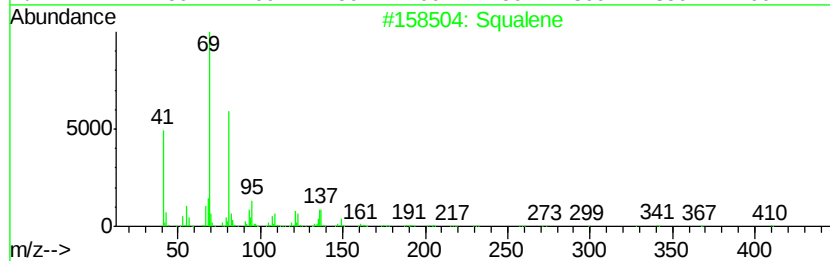
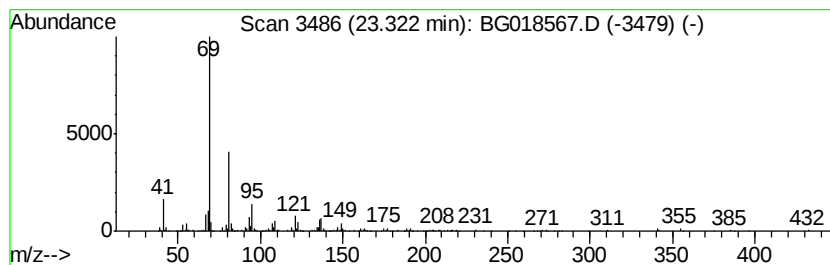
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	4.11 ng/ul	459539	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	78
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78
4		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
5		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	32.1	ng/ul	889580	1	8.01	554059	20.0
Squalene	23.32	4.1	ng/ul	459539	6	24.83	2236730	20.0