

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070316\
 Data File : BM006237.D
 Acq On : 03 Jul 2016 16:10
 Operator : UM/SJ
 Sample : H3819-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDHX9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM02.2-EPA-BM070216.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	3.422	138	142	154	rVB	154256	222201	2.62%	0.227%
2	6.822	712	720	736	rBV	1665972	2793018	32.92%	2.859%
3	6.987	741	748	759	rBV	1309289	2043686	24.09%	2.092%
4	7.181	773	781	792	rBV	1592910	2618642	30.86%	2.681%
5	7.645	853	860	868	rBV	1162680	1924162	22.68%	1.970%
6	8.351	972	980	997	rBV	1985435	3482539	41.05%	3.565%
7	8.798	1049	1056	1071	rBV	1657851	2832475	33.38%	2.900%
8	9.516	1167	1178	1194	rBV	1415637	2467211	29.08%	2.526%
9	10.051	1261	1269	1288	rBV	1974351	3492411	41.16%	3.575%
10	10.428	1325	1333	1346	rBV	1734958	3006595	35.44%	3.078%
11	10.569	1346	1357	1375	rBV	1991982	3663577	43.18%	3.750%
12	13.710	1879	1891	1895	rBV	3521272	5271217	62.13%	5.396%
13	13.757	1895	1899	1910	rVB	638842	993268	11.71%	1.017%
14	13.986	1927	1938	1950	rBV	3802898	6229224	73.42%	6.377%
15	14.298	1983	1991	2001	rBV2	2415281	3954028	46.60%	4.048%
16	14.510	2020	2027	2047	rBV	1947413	3223967	38.00%	3.300%
17	15.292	2151	2160	2169	rBV	4702085	7473804	88.09%	7.651%
18	15.421	2176	2182	2197	rBV	1828625	2781372	32.78%	2.847%
19	15.533	2197	2201	2211	rVB4	75671	142234	1.68%	0.146%
20	16.021	2279	2284	2291	rBV	82274	149259	1.76%	0.153%
21	16.815	2414	2419	2425	rBV2	167755	276889	3.26%	0.283%
22	17.045	2452	2458	2467	rBV2	3058478	4596510	54.18%	4.705%
23	17.145	2468	2475	2486	rVB2	5189847	7910890	93.24%	8.098%
24	17.439	2517	2525	2536	rVV4	67956	179946	2.12%	0.184%
25	18.374	2680	2684	2691	rBV	87649	113981	1.34%	0.117%
26	19.080	2799	2804	2810	rBV	68000	90007	1.06%	0.092%
27	19.451	2860	2867	2873	rBV2	5404414	8484343	100.00%	8.685%
28	20.962	3119	3124	3135	rBV	436944	767304	9.04%	0.785%
29	21.156	3154	3157	3162	rBV	75495	91361	1.08%	0.094%
30	21.239	3166	3171	3179	rVV	3390455	4514695	53.21%	4.622%
31	22.280	3344	3348	3353	rBV2	95804	135094	1.59%	0.138%
32	22.403	3364	3369	3378	rVB	507247	726974	8.57%	0.744%
33	22.780	3429	3433	3438	rVB2	65871	91656	1.08%	0.094%
34	23.315	3516	3524	3535	rVB2	3486165	6740153	79.44%	6.900%

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35	23.456	3540	3548	3557	rVB	1975971	3785572	44.62%	3.875%
36	23.968	3630	3635	3643	rVB	106350	198976	2.35%	0.204%
37	24.697	3755	3759	3767	rVB2	102076	217422	2.56%	0.223%

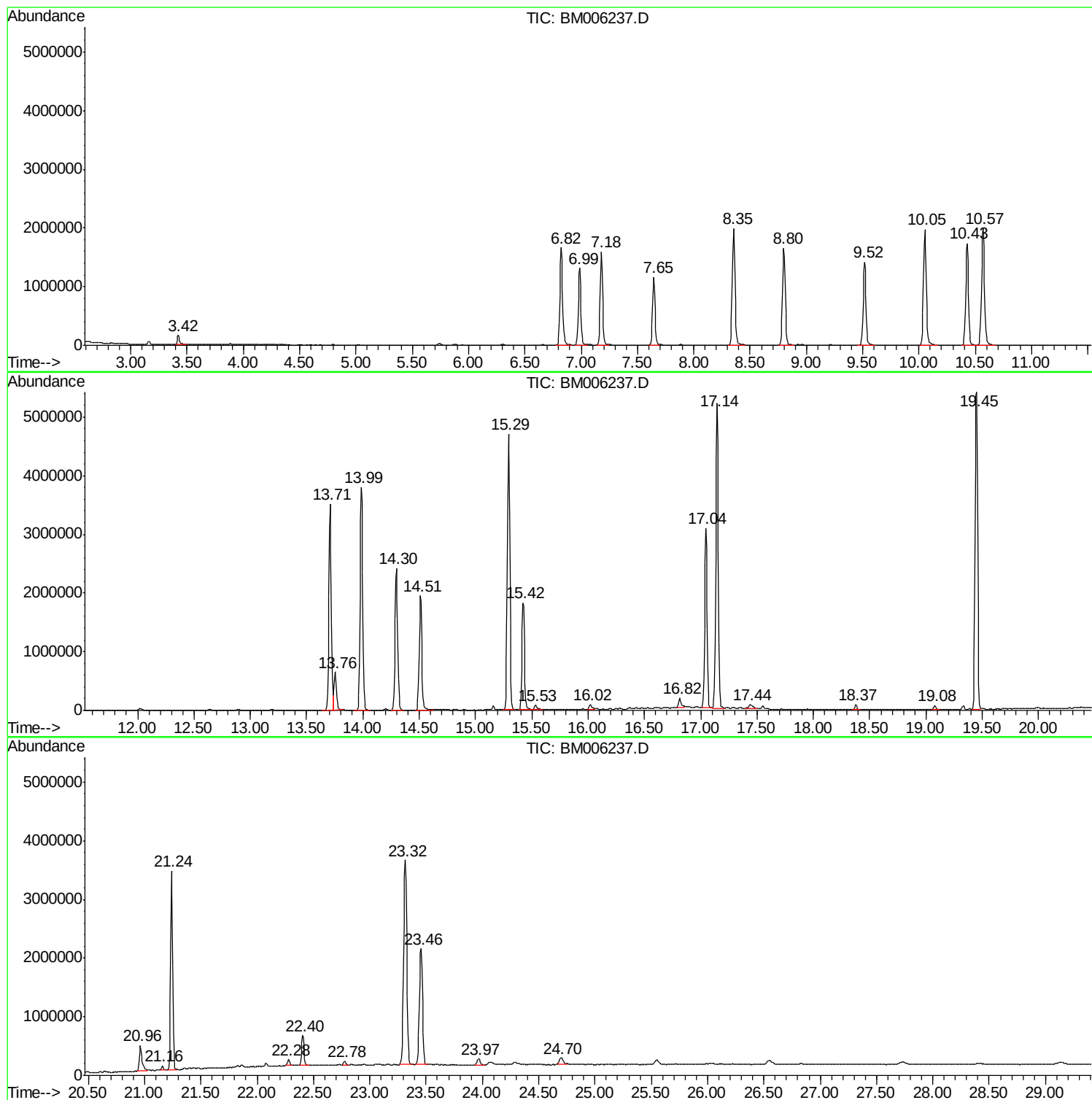
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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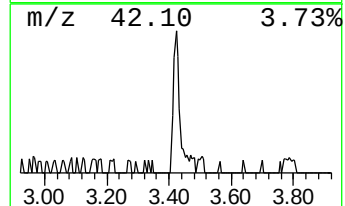
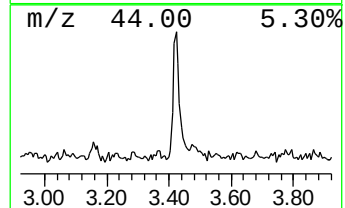
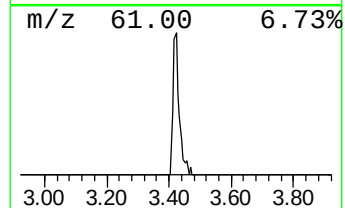
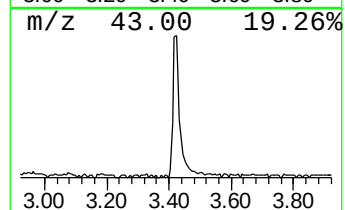
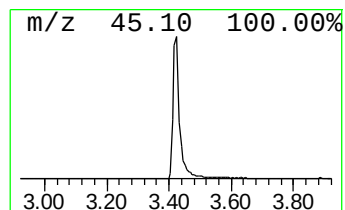
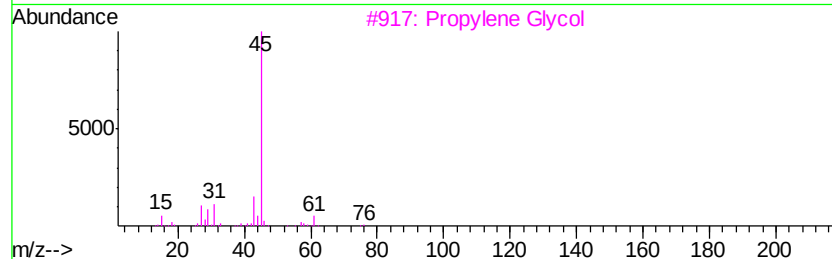
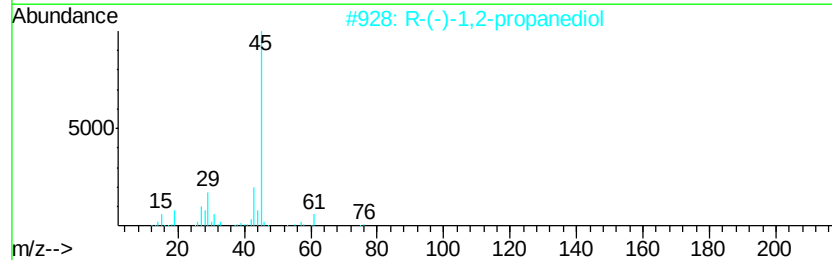
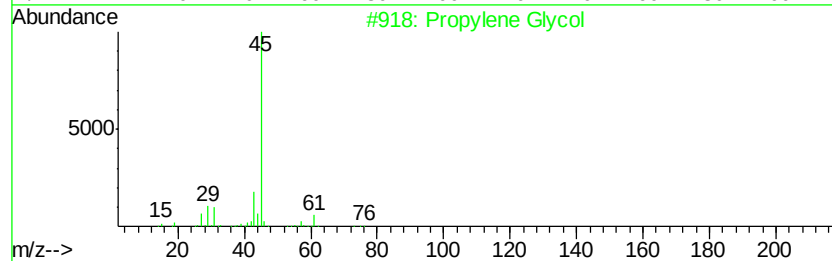
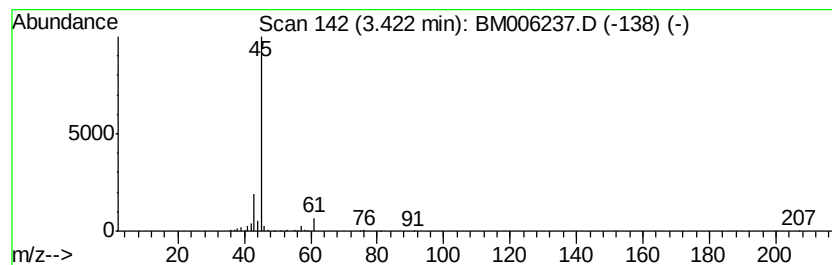
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	2.31 ng/ul	222201	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	90
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3		Propylene Glycol	76	C3H8O2	000057-55-6	56
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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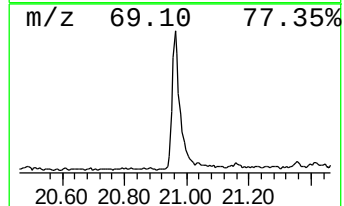
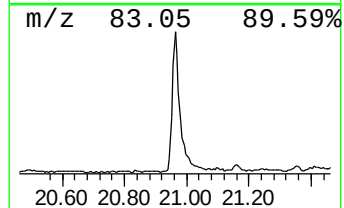
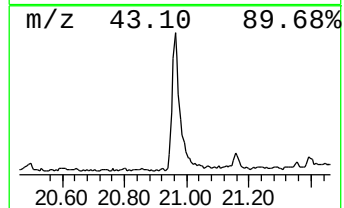
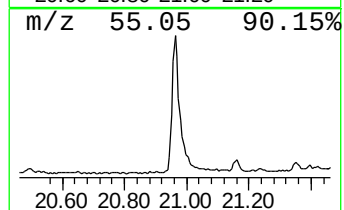
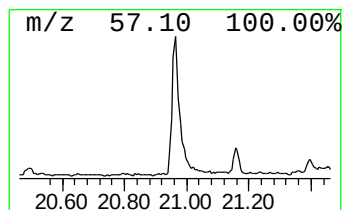
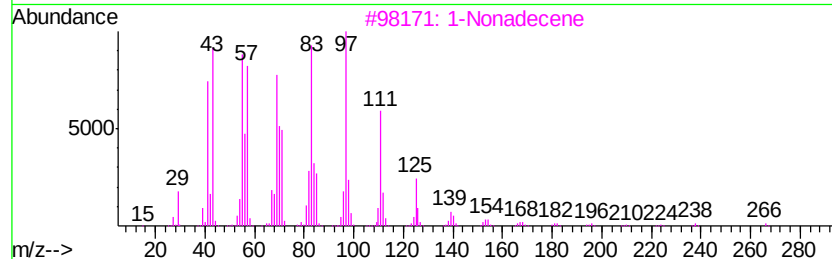
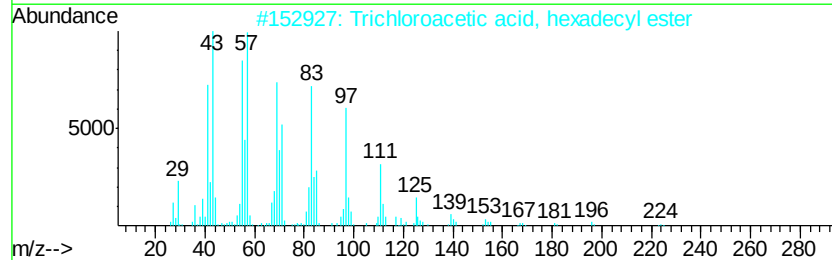
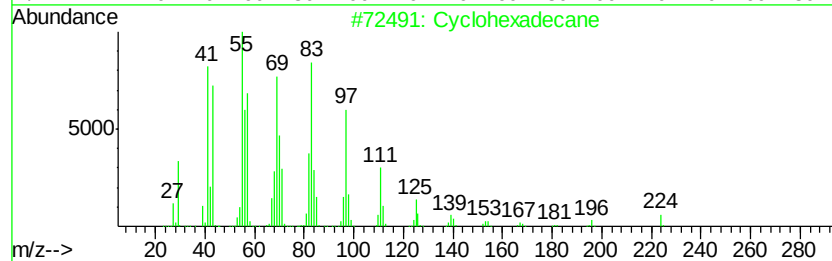
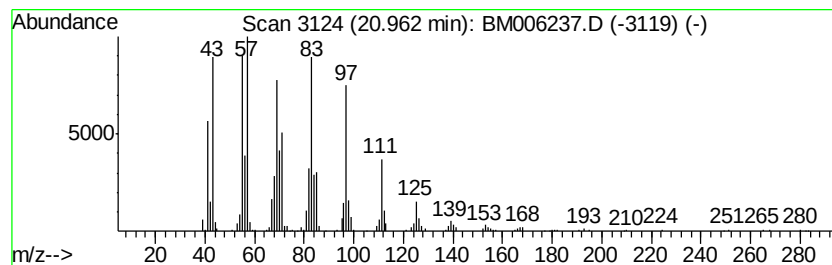
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Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.40 ng/ul	767304	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 94
3		1-Nonadecene	266 C19H38	018435-45-5 91
4		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
5		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91



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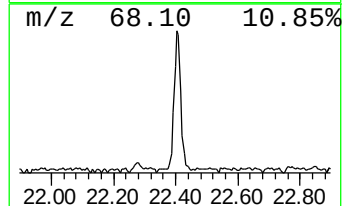
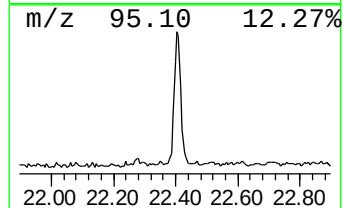
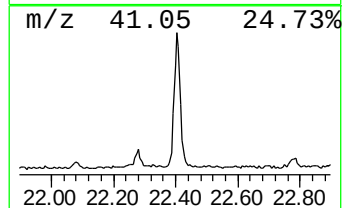
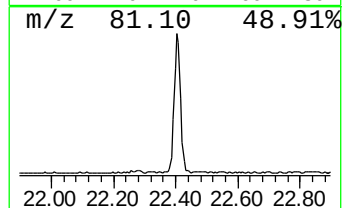
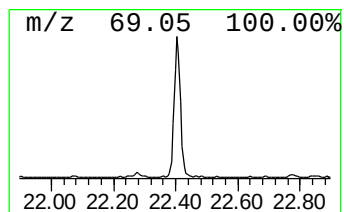
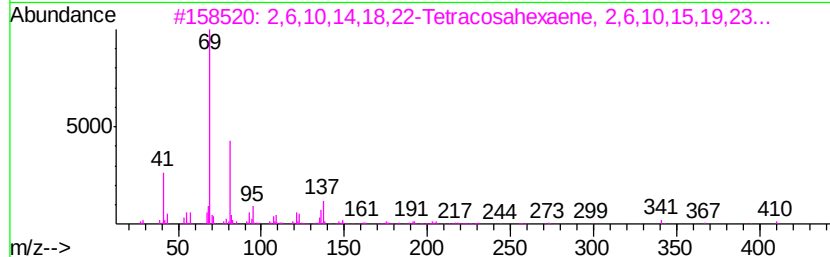
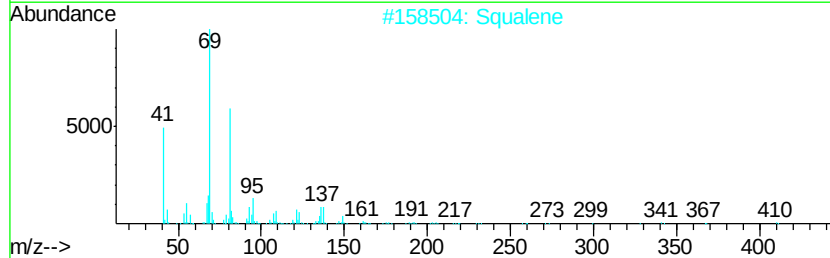
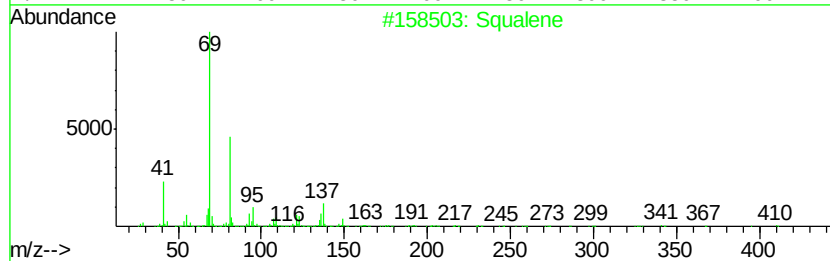
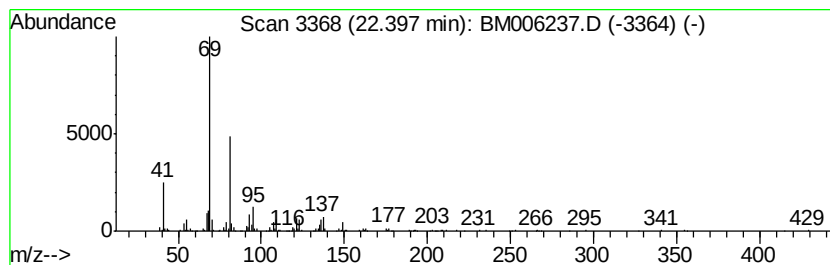
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Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.84 ng/ul	726974	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	Squalene		410 C30H50	007683-64-9 91
3	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 90
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 83
5	.psi.,.psi.-Carotene, 7,7',8,8',...		547 C40H66	000502-62-5 83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propylene Glycol	3.42	2.3	ng/ul	222201	1	7.65	1924160	20.0
(DEL) Alkane: Cyc...	20.96	3.4	ng/ul	767304	5	21.24	4514700	20.0
Squalene	22.40	3.8	ng/ul	726974	6	23.46	3785570	20.0