

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002067.D
 Acq On : 19 Jul 2018 11:46
 Operator : JU/SJ
 Sample : J4024-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1Q4

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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	6.881	656	662	676	rVB2	253410	518354	6.58%	0.597%
2	7.040	682	689	701	rBV	976003	1514340	19.24%	1.745%
3	7.240	716	723	733	rBV	984170	1610026	20.45%	1.855%
4	7.699	795	801	810	rBV	1030207	1694832	21.53%	1.953%
5	8.404	915	921	933	rBV	736021	1214706	15.43%	1.400%
6	8.851	990	997	1007	rVB	1266511	2121669	26.95%	2.445%
7	9.563	1110	1118	1129	rBV	1080292	1792401	22.77%	2.065%
8	10.104	1202	1210	1225	rBV	1527851	2639925	33.54%	3.042%
9	10.475	1265	1273	1281	rBV	1595901	2669916	33.92%	3.076%
10	13.745	1822	1829	1834	rBV	3069806	4398404	55.87%	5.068%
11	13.792	1834	1837	1843	rVB	783633	998728	12.69%	1.151%
12	14.028	1869	1877	1885	rBV	3438651	5187941	65.90%	5.978%
13	14.334	1922	1929	1941	rVB2	2439131	3751970	47.66%	4.323%
14	14.551	1959	1966	1972	rBV2	212663	386083	4.90%	0.445%
15	14.610	1972	1976	1983	rVB	93428	159301	2.02%	0.184%
16	15.333	2092	2099	2106	rBV	4447315	6508890	82.68%	7.500%
17	15.457	2112	2120	2132	rBV	1497146	2164496	27.50%	2.494%
18	15.569	2134	2139	2146	rVB2	53062	85706	1.09%	0.099%
19	16.492	2289	2296	2302	rBV3	114165	226891	2.88%	0.261%
20	16.851	2347	2357	2363	rBV5	39452	89404	1.14%	0.103%
21	17.080	2388	2396	2402	rBV2	3179940	4557702	57.90%	5.252%
22	17.139	2402	2406	2408	rVV	131515	175996	2.24%	0.203%
23	17.180	2408	2413	2419	rVB2	4883153	7006447	89.00%	8.073%
24	17.269	2424	2428	2433	rVV3	53478	89111	1.13%	0.103%
25	17.463	2456	2461	2466	rBV4	60868	80173	1.02%	0.092%
26	17.863	2524	2529	2539	rBV3	331185	603625	7.67%	0.696%
27	17.992	2546	2551	2573	rVB	895960	1340679	17.03%	1.545%
28	18.845	2691	2696	2699	rBV	59769	82533	1.05%	0.095%
29	19.151	2745	2748	2756	rVB2	73791	118012	1.50%	0.136%
30	19.280	2765	2770	2779	rBV	149925	228674	2.90%	0.263%
31	19.480	2798	2804	2812	rBV2	5680683	7872106	100.00%	9.071%
32	20.327	2945	2948	2954	rVB	107050	121234	1.54%	0.140%
33	21.068	3068	3074	3087	rBV7	114125	374550	4.76%	0.432%
34	21.280	3105	3110	3117	rBV	4063500	5149395	65.41%	5.933%

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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

35	22.345	3288	3291	3296	rVB4	127558	176146	2.24%	0.203%
36	22.474	3307	3313	3321	rVB	4257325	5817200	73.90%	6.703%
37	22.851	3374	3377	3382	rVB2	147587	205899	2.62%	0.237%
38	23.239	3440	3443	3450	rVB4	104852	157513	2.00%	0.181%
39	23.374	3459	3466	3473	rBV	3964635	7527400	95.62%	8.673%
40	23.515	3483	3490	3500	rVB	2462929	4717819	59.93%	5.436%
41	24.057	3578	3582	3591	rVB2	176352	332688	4.23%	0.383%
42	24.562	3664	3668	3677	rVB5	154965	317954	4.04%	0.366%

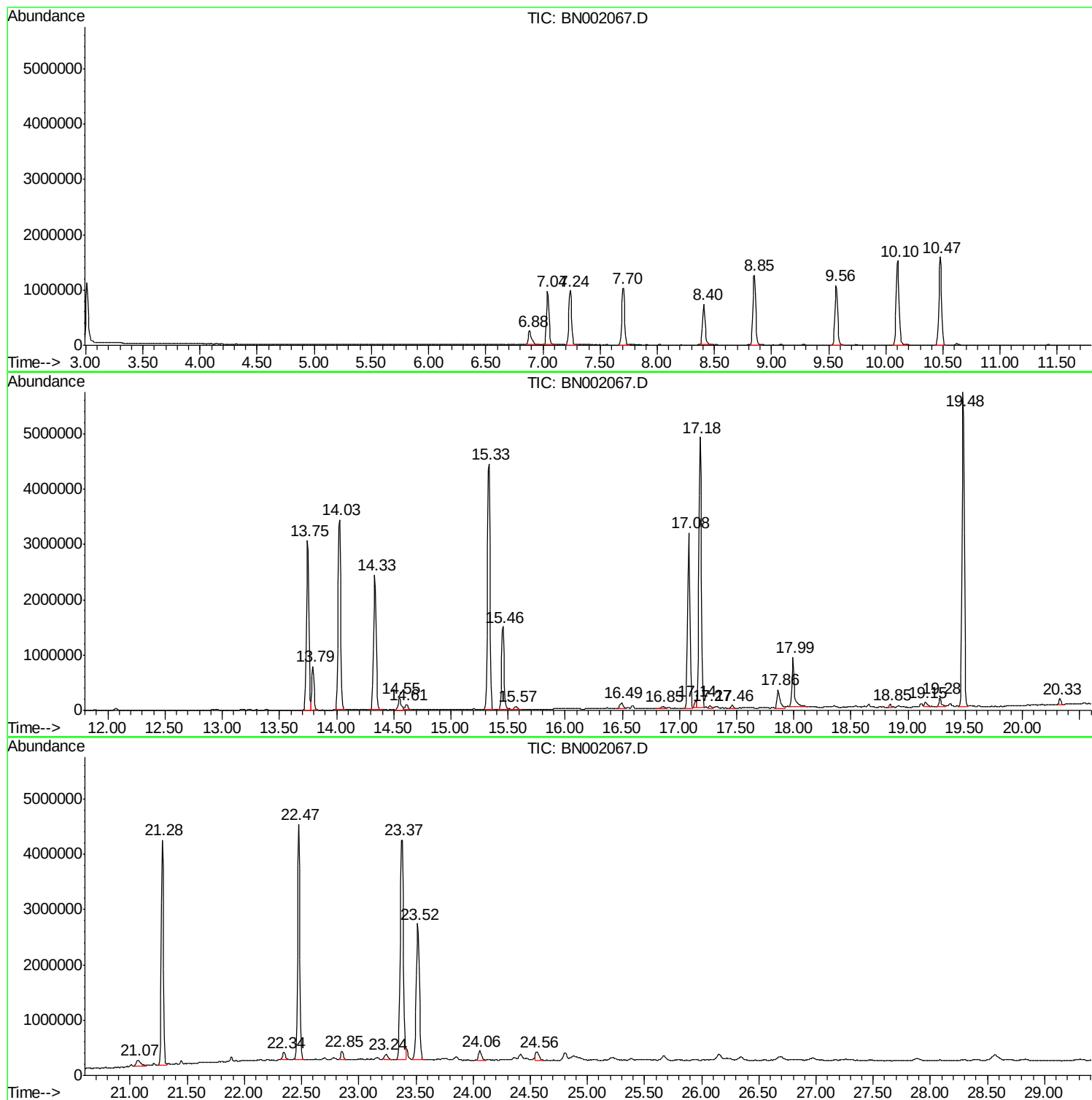
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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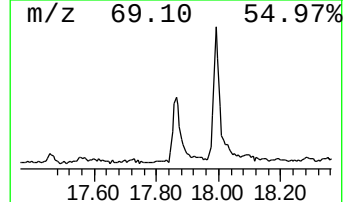
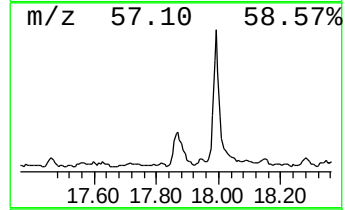
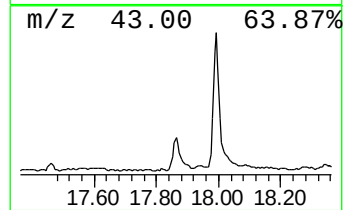
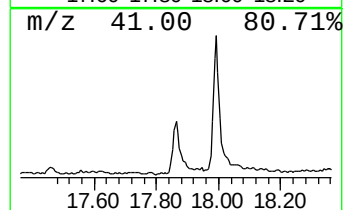
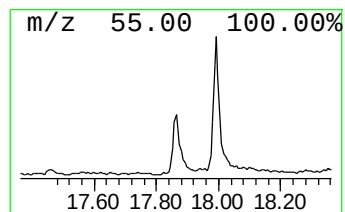
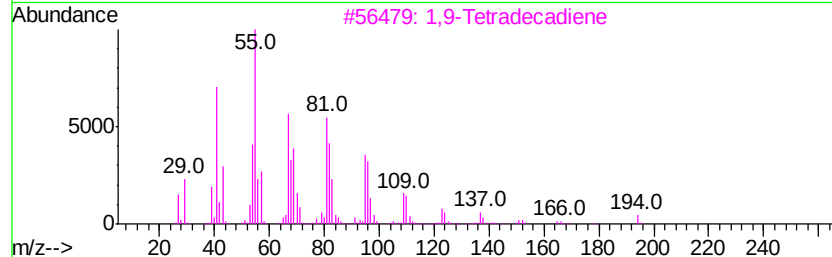
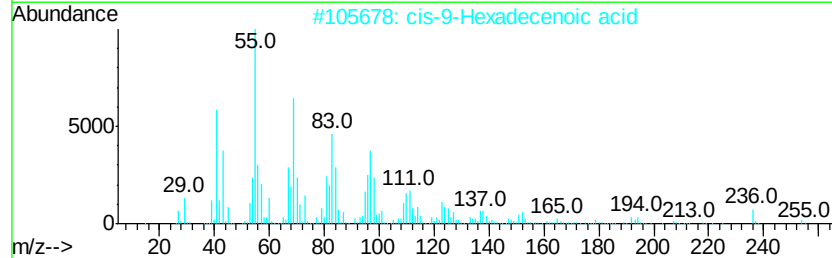
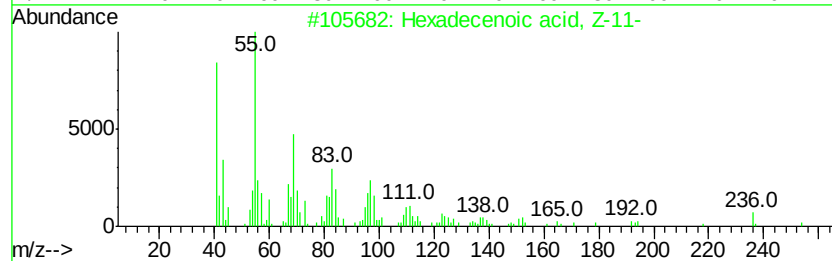
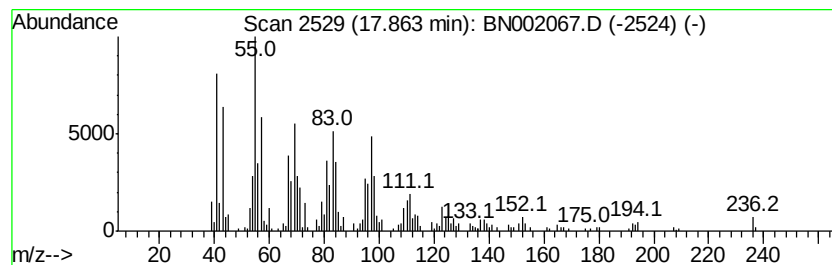
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecenoic acid, Z-11- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	2.65 ng/ul	603625	Phenanthrene-d10		17.08	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	87
3		1,9-Tetradecadiene	194	C14H26	112929-06-3	83
4		Palmitoleic acid	254	C16H30O2	000373-49-9	64
5		1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	58



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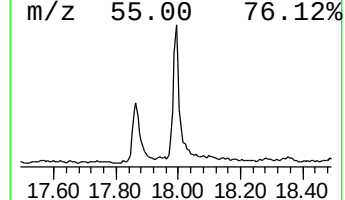
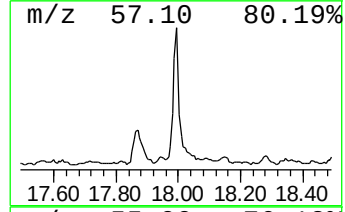
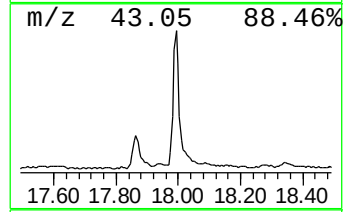
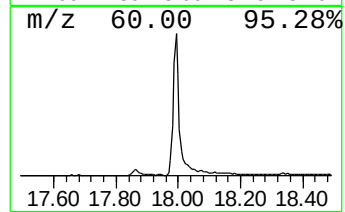
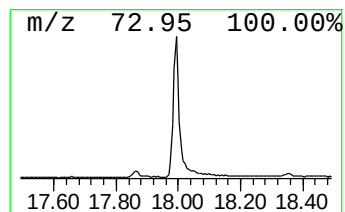
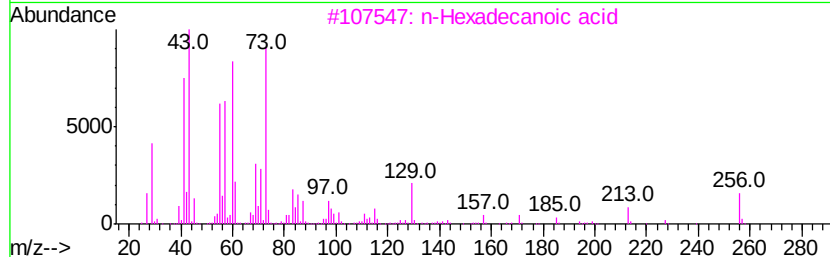
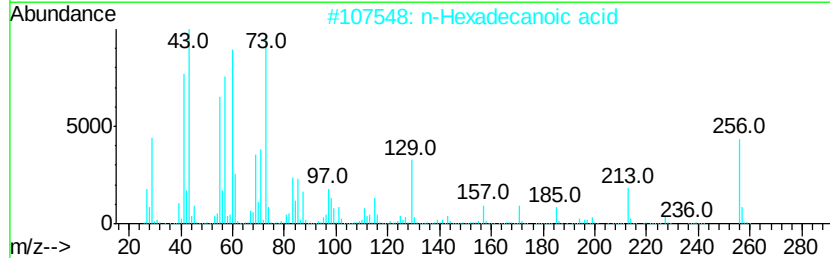
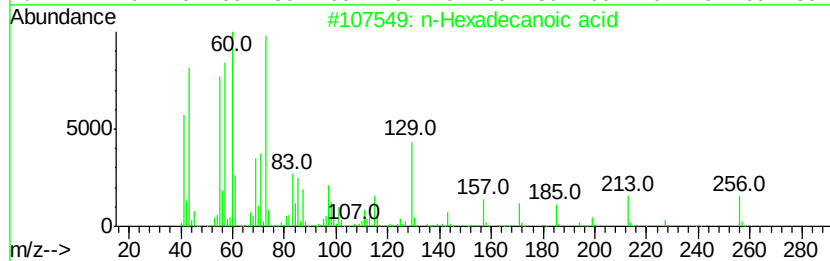
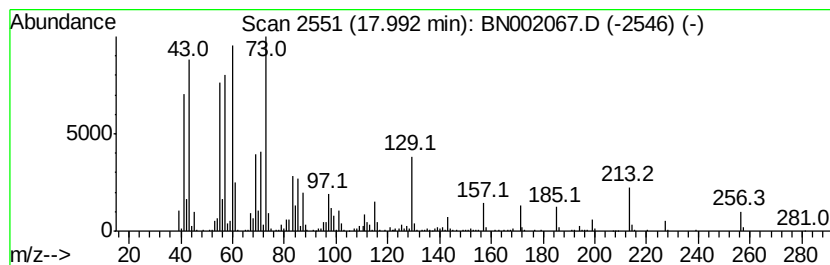
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	5.88 ng/ul	1340680	Phenanthrene-d10	17.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	



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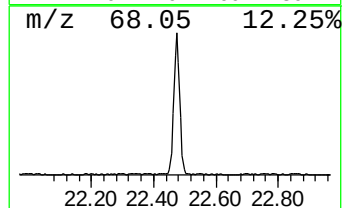
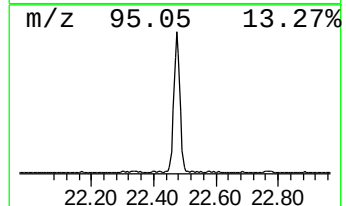
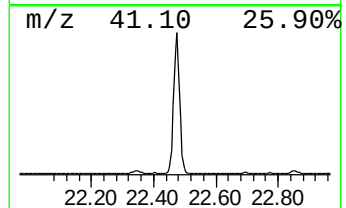
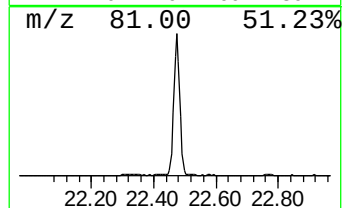
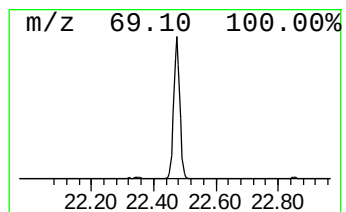
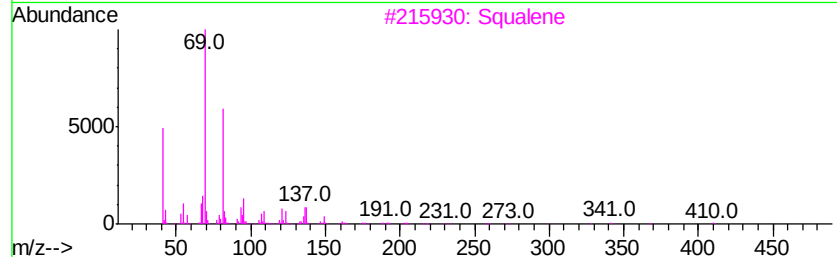
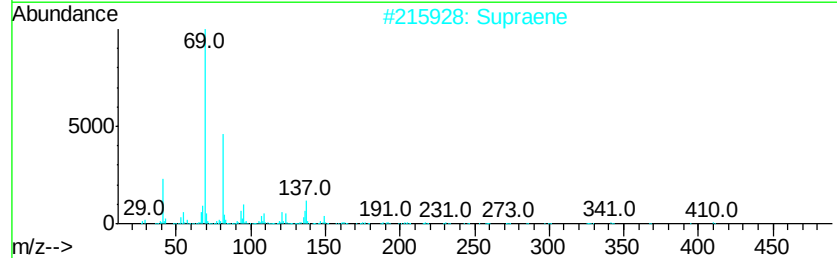
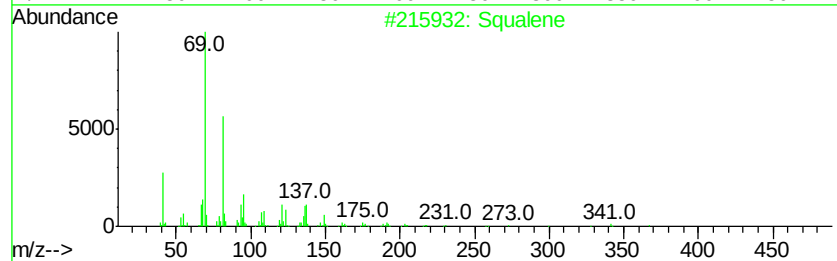
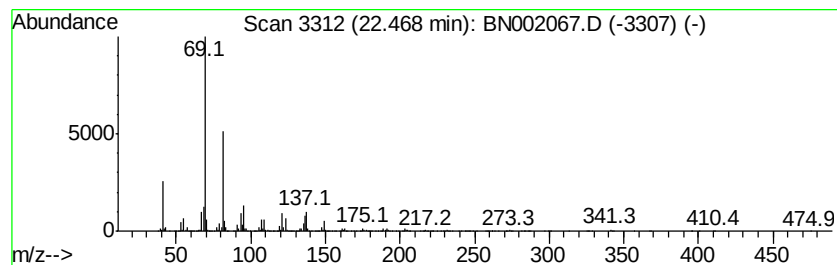
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	24.66 ng/ul	5817200	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	000111-02-4	91
5		Squalene	410	C30H50	000111-02-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecenoic acid...	17.86	2.6	ng/ul	603625	4	17.08	4557700	20.0
n-Hexadecanoic acid	17.99	5.9	ng/ul	1340680	4	17.08	4557700	20.0
Squalene	22.47	24.7	ng/ul	5817200	6	23.52	4717820	20.0