

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007386.D
 Acq On : 03 Sep 2016 02:22
 Operator : UM/SJ
 Sample : H4639-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD383

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-BM082316.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	6.957	736	743	752	rBV	312421	541523	8.04%	0.878%
2	7.128	765	772	779	rBV	246832	382514	5.68%	0.620%
3	7.328	798	806	815	rVB	322522	537105	7.97%	0.871%
4	7.792	875	885	893	rBV	709521	1164929	17.29%	1.888%
5	8.492	998	1004	1012	rBV	407782	667004	9.90%	1.081%
6	8.945	1075	1081	1089	rBV	340338	588926	8.74%	0.955%
7	9.663	1193	1203	1216	rBV	295867	525323	7.80%	0.852%
8	10.198	1288	1294	1304	rBV	442107	804755	11.95%	1.305%
9	10.581	1347	1359	1364	rBV	1082426	1886291	28.00%	3.058%
10	10.628	1364	1367	1373	rVV2	44097	68226	1.01%	0.111%
11	10.728	1377	1384	1393	rVB3	32976	75899	1.13%	0.123%
12	11.604	1527	1533	1539	rBV3	44315	70426	1.05%	0.114%
13	12.239	1636	1641	1649	rVB	51729	83026	1.23%	0.135%
14	12.457	1673	1678	1684	rBV	41664	67749	1.01%	0.110%
15	13.251	1805	1813	1819	rBV4	36286	69218	1.03%	0.112%
16	13.745	1892	1897	1901	rBV2	40443	67874	1.01%	0.110%
17	13.833	1906	1912	1916	rVV	1136038	1623656	24.10%	2.632%
18	13.880	1916	1920	1928	rVB	550124	770569	11.44%	1.249%
19	14.116	1953	1960	1973	rVB	1193201	1807912	26.84%	2.931%
20	14.421	2003	2012	2019	rBV2	1834011	2966915	44.04%	4.810%
21	14.627	2041	2047	2056	rBV	351252	655315	9.73%	1.062%
22	14.821	2076	2080	2088	rVB	85198	133616	1.98%	0.217%
23	15.274	2153	2157	2163	rVB	65550	87798	1.30%	0.142%
24	15.416	2173	2181	2187	rBV	1719081	2449049	36.35%	3.970%
25	15.539	2193	2202	2209	rBV	501507	750751	11.14%	1.217%
26	15.768	2235	2241	2246	rVB3	41322	73335	1.09%	0.119%
27	15.915	2257	2266	2272	rBV5	36767	100806	1.50%	0.163%
28	16.133	2299	2303	2306	rBV2	145620	224479	3.33%	0.364%
29	16.474	2352	2361	2366	rBV10	30334	68418	1.02%	0.111%
30	16.710	2395	2401	2404	rBV5	44837	88911	1.32%	0.144%
31	16.821	2416	2420	2427	rBV2	104879	155346	2.31%	0.252%
32	16.927	2433	2438	2444	rVV3	153171	227156	3.37%	0.368%
33	16.980	2444	2447	2453	rVB7	47231	84188	1.25%	0.136%
34	17.168	2473	2479	2483	rBV	2825749	4050920	60.13%	6.567%

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35	17.209	2483	2486	2490	rVV	298206	406883	6.04%	0.660%
36	17.262	2490	2495	2506	rVB	1899847	2919336	43.33%	4.733%
37	17.480	2523	2532	2537	rBV5	48437	120100	1.78%	0.195%
38	17.662	2559	2563	2566	rVB	93748	110287	1.64%	0.179%
39	17.998	2616	2620	2624	rBV3	78263	105981	1.57%	0.172%
40	18.057	2624	2630	2633	rVV2	353481	581717	8.63%	0.943%
41	18.086	2633	2635	2640	rVV	201202	263183	3.91%	0.427%
42	18.227	2655	2659	2663	rBV2	99809	143333	2.13%	0.232%
43	18.274	2664	2667	2673	rVB	79614	108514	1.61%	0.176%
44	18.351	2673	2680	2684	rBV2	146272	272516	4.05%	0.442%
45	18.433	2691	2694	2699	rVB5	47632	75386	1.12%	0.122%
46	18.545	2708	2713	2716	rBV	124647	180504	2.68%	0.293%
47	18.586	2716	2720	2728	rVB3	109633	195366	2.90%	0.317%
48	18.786	2747	2754	2758	rBV5	68548	135078	2.01%	0.219%
49	18.839	2761	2763	2766	rVV	61098	80717	1.20%	0.131%
50	18.874	2767	2769	2774	rVB	63719	78751	1.17%	0.128%
51	18.962	2779	2784	2786	rBV	149593	230192	3.42%	0.373%
52	19.051	2796	2799	2803	rVB	71172	89997	1.34%	0.146%
53	19.103	2803	2808	2815	rBV	110281	207202	3.08%	0.336%
54	19.221	2820	2828	2835	rBV	690228	993858	14.75%	1.611%
55	19.286	2836	2839	2843	rBV	74621	88002	1.31%	0.143%
56	19.333	2844	2847	2851	rVB4	62366	87406	1.30%	0.142%
57	19.556	2880	2885	2898	rVB2	2936211	4816109	71.49%	7.807%
58	19.662	2899	2903	2908	rVB2	116647	173010	2.57%	0.280%
59	19.903	2940	2944	2947	rBV3	122791	196599	2.92%	0.319%
60	20.045	2964	2968	2970	rBV4	71961	114265	1.70%	0.185%
61	20.103	2975	2978	2983	rVB2	108446	207654	3.08%	0.337%
62	20.380	3022	3025	3029	rBV	78939	120586	1.79%	0.195%
63	20.598	3058	3062	3065	rBV	122890	156658	2.33%	0.254%
64	20.756	3087	3089	3093	rVB	115939	126114	1.87%	0.204%
65	20.827	3098	3101	3107	rVB	230953	301680	4.48%	0.489%
66	21.056	3136	3140	3147	rVB2	596859	852197	12.65%	1.382%
67	21.256	3171	3174	3181	rVB	356693	439812	6.53%	0.713%
68	21.350	3183	3190	3194	rVV	4605433	6736736	100.00%	10.921%
69	21.386	3194	3196	3203	rVB	464687	582018	8.64%	0.944%
70	21.956	3291	3293	3302	rVB3	280714	405737	6.02%	0.658%
71	22.915	3451	3456	3471	rVB2	697203	2463908	36.57%	3.994%

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72	23.421	3538	3542	3545	rBV	213923	355370	5.28%	0.576%
73	23.474	3545	3551	3564	rVB2	2072505	4317007	64.08%	6.998%
74	23.621	3568	3576	3584	rBV	2813462	5608461	83.25%	9.092%
75	24.138	3658	3664	3673	rVB	622085	1261914	18.73%	2.046%
76	24.891	3788	3792	3802	rVB2	184493	413317	6.14%	0.670%
77	26.703	4094	4100	4110	rVB6	230052	642448	9.54%	1.041%

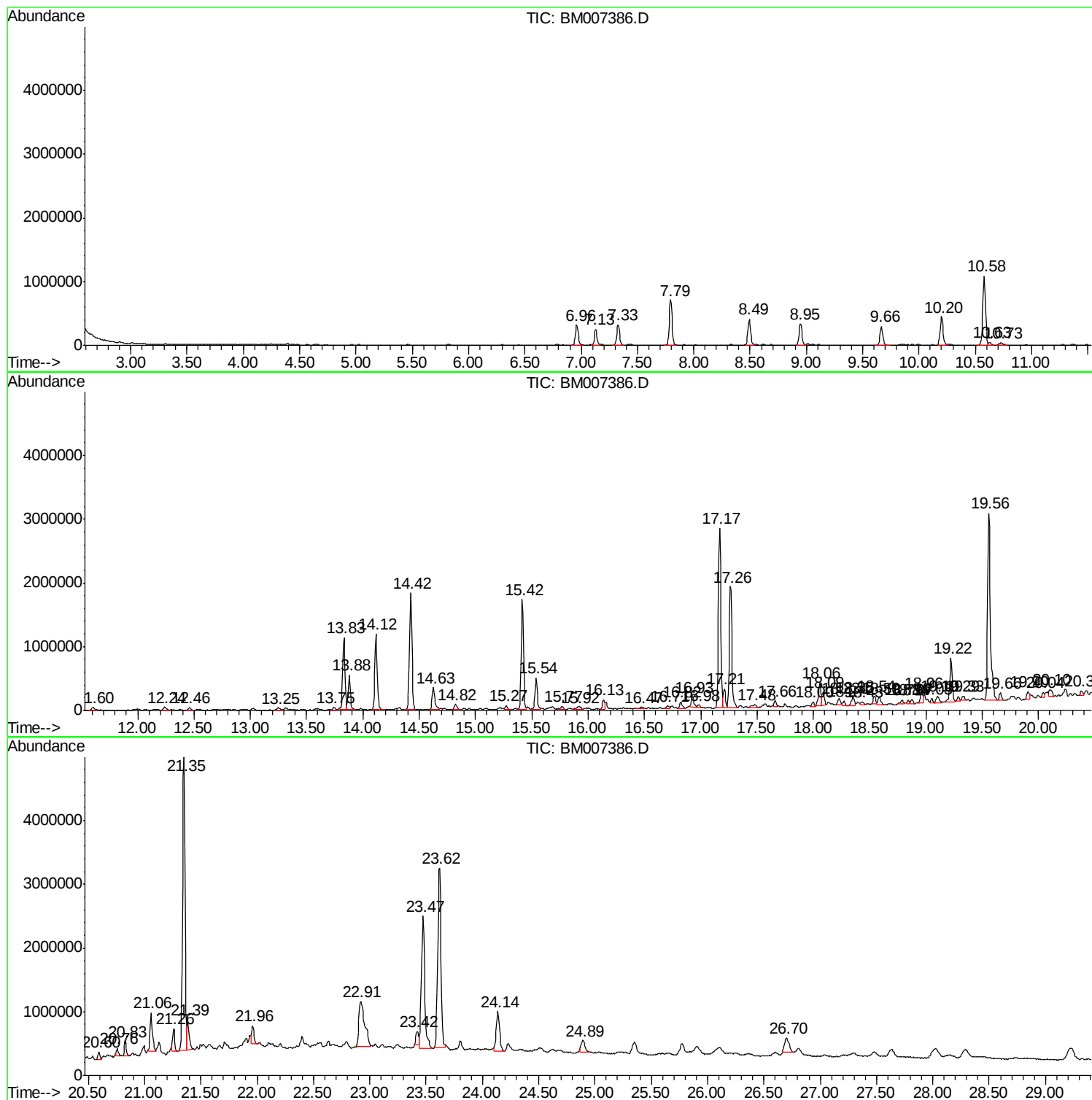
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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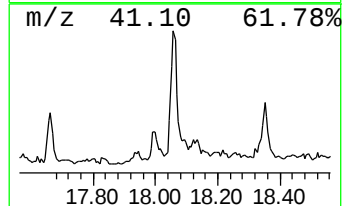
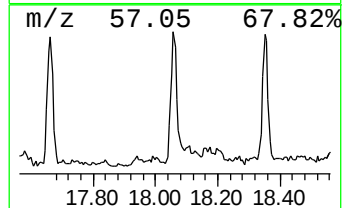
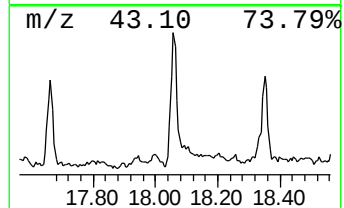
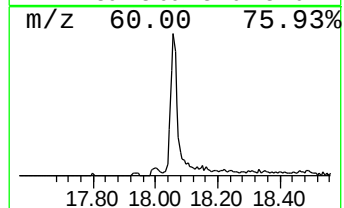
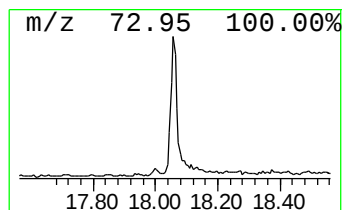
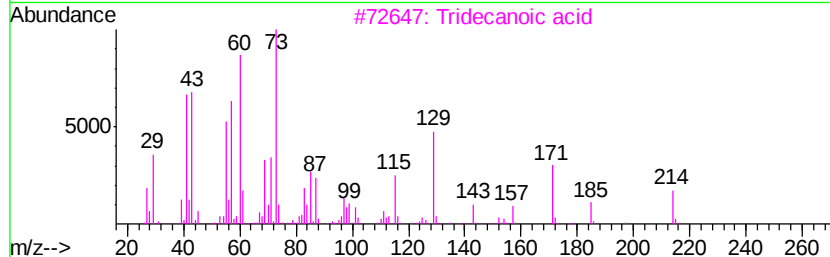
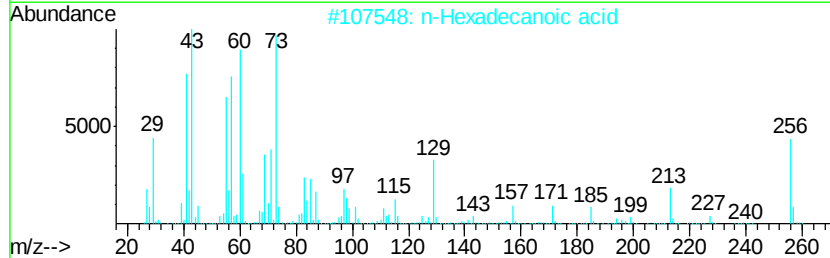
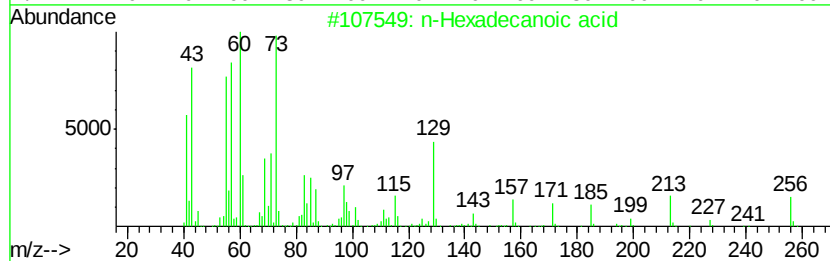
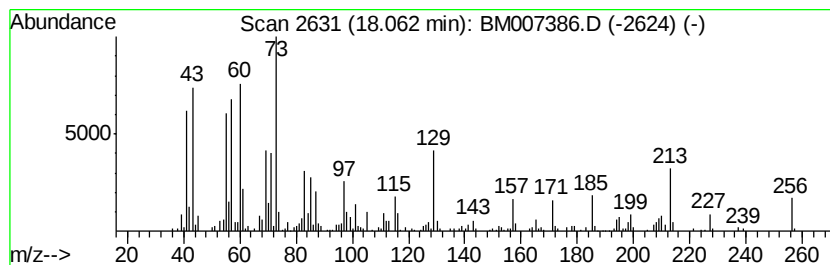
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.06	2.87 ng/ul	581717	Phenanthrene-d10	17.17		
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	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86	



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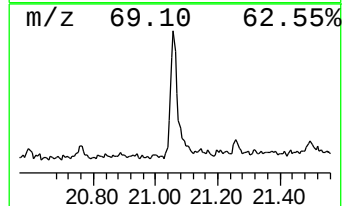
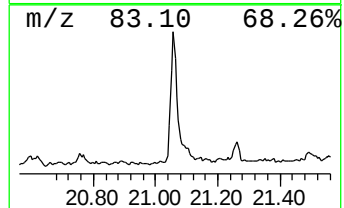
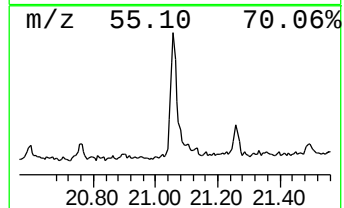
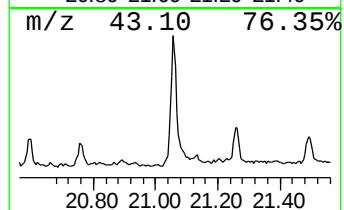
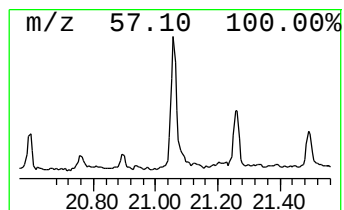
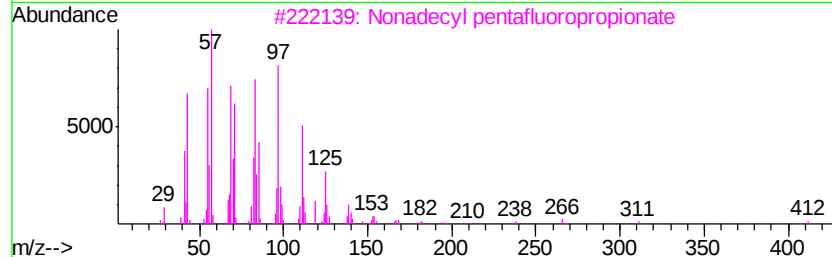
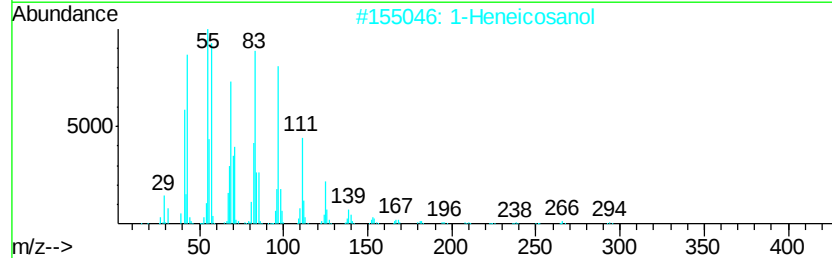
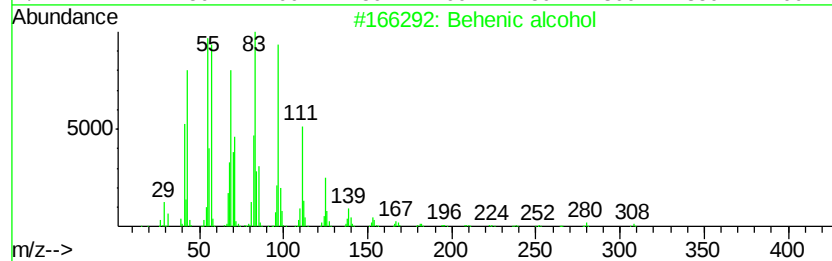
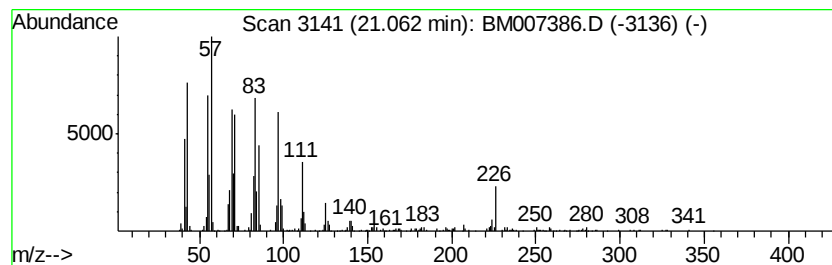
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.53 ng/ul	852197	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 93
2		1-Heneicosanol	312 C21H44O	015594-90-8 93
3		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 91
4		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 90
5		Eicosyl pentafluoropropionate	444 C23H41F5O2	1000351-80-8 90



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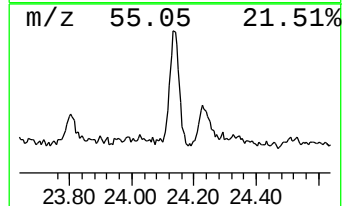
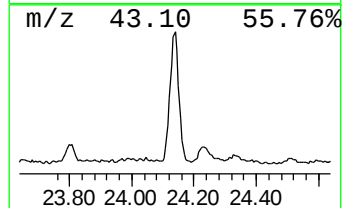
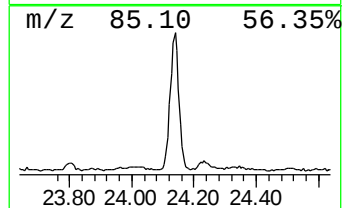
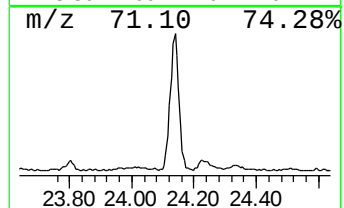
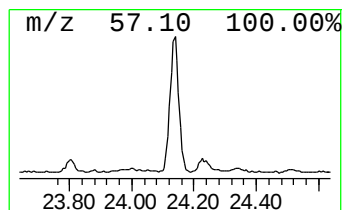
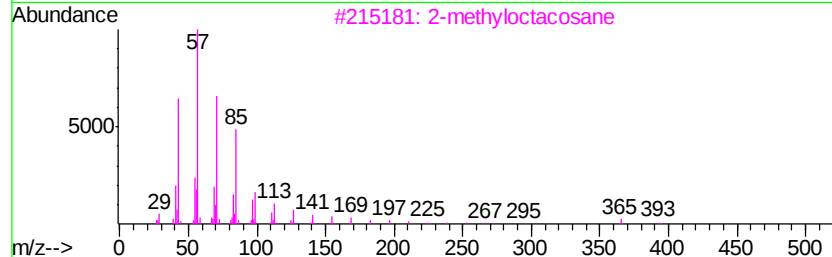
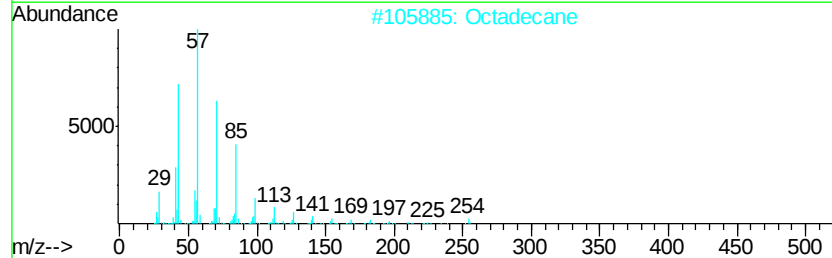
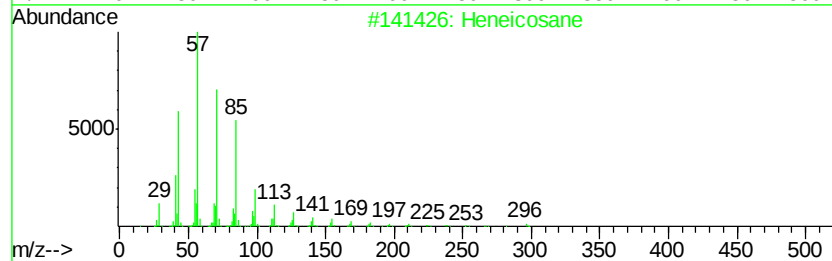
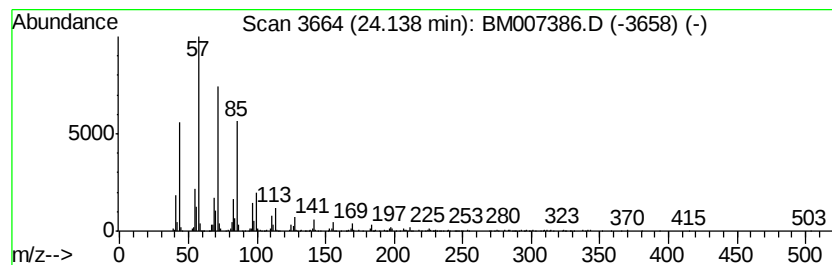
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	4.50 ng/ul	1261910	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Octadecane	254	C18H38	000593-45-3	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Triacontane	422	C30H62	000638-68-6	91



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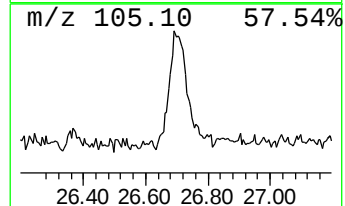
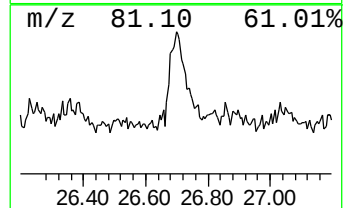
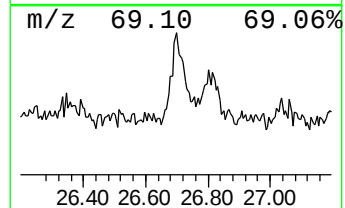
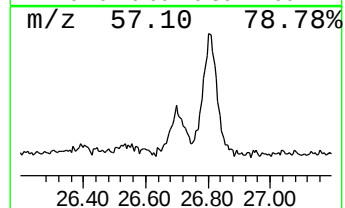
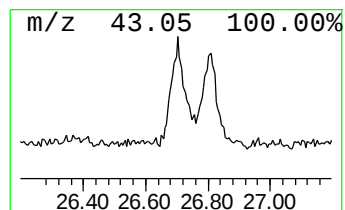
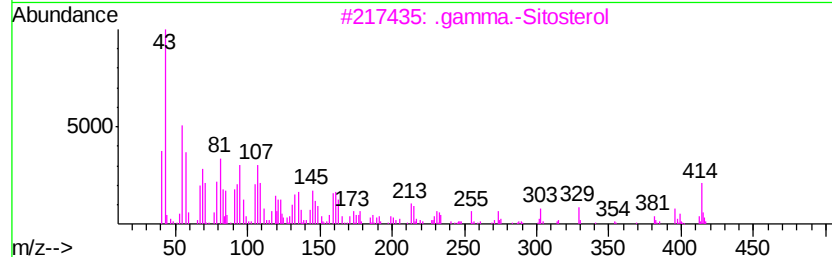
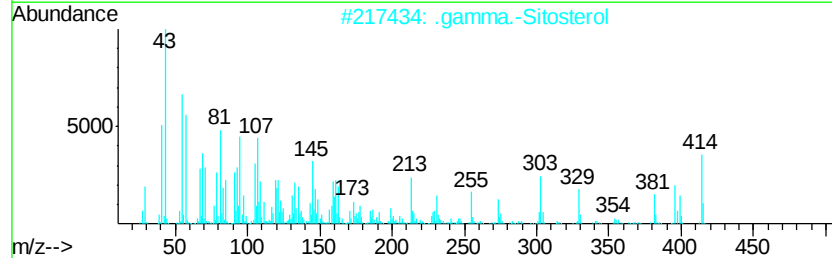
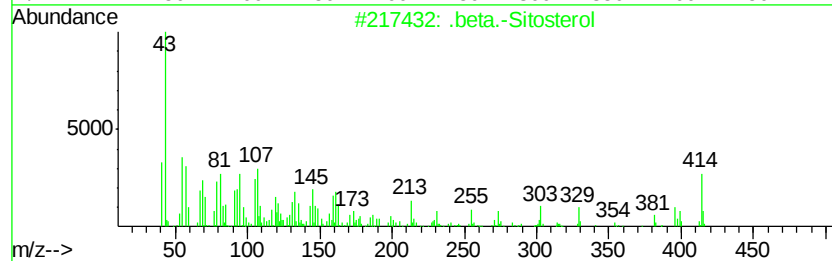
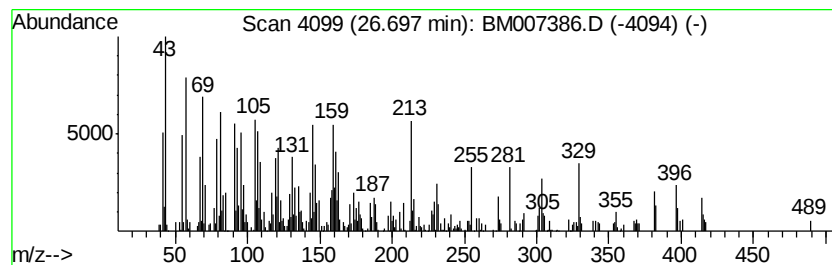
Instrument :
BNA_M
ClientSampleId :
BD383

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.70	2.29 ng/ul	642448	Perylene-d12	23.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	93
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
3		.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
4		Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	38
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007386.D
Acq On : 03 Sep 2016 02:22
Operator : UM/SJ
Sample : H4639-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD383

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.06	2.9	ng/ul	581717	4	17.17	4050920	20.0
Behenic alcohol	21.06	2.5	ng/ul	852197	5	21.35	6736740	20.0
(DEL) Alkane: Str...	24.14	4.5	ng/ul	1261910	6	23.62	5608460	20.0
.beta.-Sitosterol	26.70	2.3	ng/ul	642448	6	23.62	5608460	20.0