

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002110.D
 Acq On : 29 Jul 2015 01:39
 Operator : TP/UM
 Sample : G3030-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M2

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_M\METHODS\SOM02.2-EPA-BM072715.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	2.769	8	14	18	rVB2	14242	17270	1.37%	0.112%
2	2.857	26	29	35	rVB	9768	11017	0.88%	0.071%
3	3.069	61	65	69	rVB	9851	11271	0.90%	0.073%
4	3.340	107	111	119	rVV2	6192	10508	0.84%	0.068%
5	3.410	119	123	128	rVB	7727	9189	0.73%	0.059%
6	3.587	148	153	157	rBV	12613	15974	1.27%	0.103%
7	6.604	662	666	673	rBB	2840	4869	0.39%	0.031%
8	6.769	689	694	705	rBB	174936	270591	21.53%	1.748%
9	6.934	716	722	729	rVB	130360	193566	15.40%	1.251%
10	7.128	749	755	763	rBB	187659	285857	22.74%	1.847%
11	7.592	828	834	843	rBB	224508	355579	28.29%	2.297%
12	8.310	950	956	965	rBB	210707	340468	27.09%	2.200%
13	8.757	1025	1032	1039	rBB	146763	235999	18.77%	1.525%
14	9.475	1148	1154	1160	rBB	110023	174029	13.84%	1.124%
15	10.010	1239	1245	1254	rBB	218788	357714	28.46%	2.311%
16	10.157	1267	1270	1276	rBB2	4313	6216	0.49%	0.040%
17	10.380	1302	1308	1314	rBV	288374	471734	37.53%	3.048%
18	10.433	1314	1317	1322	rVB	7070	9279	0.74%	0.060%
19	10.533	1327	1334	1344	rBV	80708	157373	12.52%	1.017%
20	12.057	1587	1593	1597	rBB2	3675	5531	0.44%	0.036%
21	12.851	1724	1728	1733	rBB2	5625	7116	0.57%	0.046%
22	13.668	1861	1867	1872	rVV	356225	498970	39.70%	3.224%
23	13.715	1872	1875	1882	rVB	136690	174008	13.84%	1.124%
24	13.945	1908	1914	1924	rVB	357822	529732	42.14%	3.423%
25	14.257	1961	1967	1974	rBB2	415587	627938	49.96%	4.057%
26	14.321	1974	1978	1984	rBB	16149	20615	1.64%	0.133%
27	14.474	1998	2004	2016	rBV	146935	219002	17.42%	1.415%
28	14.657	2032	2035	2040	rVB	8269	11615	0.92%	0.075%
29	14.927	2077	2081	2087	rBB	9983	11157	0.89%	0.072%
30	15.062	2099	2104	2106	rBV3	4333	5845	0.46%	0.038%
31	15.086	2106	2108	2110	rVV	7085	6696	0.53%	0.043%
32	15.257	2130	2137	2142	rBV	460239	654130	52.04%	4.226%
33	15.309	2142	2146	2150	rVV	16527	20859	1.66%	0.135%
34	15.386	2154	2159	2165	rVB	37996	48665	3.87%	0.314%

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35	15.974	2254	2259	2267	rBV	8949	16600	1.32%	0.107%
36	16.762	2390	2393	2397	rVV2	13064	17160	1.37%	0.111%
37	16.821	2397	2403	2410	rVV5	7398	14783	1.18%	0.096%
38	17.009	2428	2435	2439	rBV	543558	763480	60.74%	4.933%
39	17.051	2439	2442	2446	rVB	132472	162341	12.92%	1.049%
40	17.103	2446	2451	2456	rBV2	506636	713849	56.79%	4.612%
41	17.186	2462	2465	2471	rVB3	3669	5993	0.48%	0.039%
42	17.415	2499	2504	2510	rVV	10452	18033	1.43%	0.117%
43	17.503	2514	2519	2525	rVB3	10975	15762	1.25%	0.102%
44	17.615	2531	2538	2541	rBV3	5561	10160	0.81%	0.066%
45	17.780	2561	2566	2569	rVV3	3419	5078	0.40%	0.033%
46	17.903	2578	2587	2596	rVV2	116838	204054	16.23%	1.318%
47	17.974	2596	2599	2602	rVV	10217	15197	1.21%	0.098%
48	18.009	2602	2605	2609	rVV	9188	12658	1.01%	0.082%
49	18.074	2611	2616	2621	rVV2	37404	61291	4.88%	0.396%
50	18.109	2621	2622	2626	rVV2	8486	9922	0.79%	0.064%
51	18.186	2630	2635	2640	rBV2	4720	7891	0.63%	0.051%
52	18.362	2663	2665	2667	rBV2	5962	7126	0.57%	0.046%
53	18.386	2667	2669	2673	rVV2	8297	9793	0.78%	0.063%
54	18.427	2673	2676	2684	rVB2	10715	14612	1.16%	0.094%
55	18.686	2716	2720	2724	rBV3	3179	5386	0.43%	0.035%
56	18.803	2734	2740	2743	rBV3	6249	12529	1.00%	0.081%
57	18.903	2754	2757	2759	rBV3	5555	5588	0.44%	0.036%
58	18.933	2759	2762	2767	rVB3	13739	18420	1.47%	0.119%
59	19.074	2778	2786	2796	rBV	241895	381744	30.37%	2.466%
60	19.197	2801	2807	2808	rVV2	31052	46162	3.67%	0.298%
61	19.215	2808	2810	2816	rVB4	28809	33886	2.70%	0.219%
62	19.286	2818	2822	2826	rVV4	7236	12984	1.03%	0.084%
63	19.409	2837	2843	2846	rBV	682461	937115	74.55%	6.055%
64	19.509	2857	2860	2863	rVB3	8411	10677	0.85%	0.069%
65	19.556	2865	2868	2871	rBV5	10067	10766	0.86%	0.070%
66	19.615	2875	2878	2882	rVB	11691	16144	1.28%	0.104%
67	19.668	2883	2887	2893	rVV2	21317	33398	2.66%	0.216%
68	19.762	2899	2903	2909	rBV5	16200	32271	2.57%	0.209%
69	19.821	2909	2913	2916	rBV5	4962	8264	0.66%	0.053%
70	19.897	2922	2926	2927	rBV3	8356	9452	0.75%	0.061%
71	19.939	2928	2933	2937	rVV	43292	68460	5.45%	0.442%

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72	19.980	2937	2940	2945	rVB5	15384	19302	1.54%	0.125%
73	20.039	2945	2950	2953	rBV	30651	41682	3.32%	0.269%
74	20.092	2953	2959	2963	rVV3	21902	40465	3.22%	0.261%
75	20.133	2963	2966	2970	rVB2	8824	11479	0.91%	0.074%
76	20.209	2976	2979	2981	rBV4	6479	8266	0.66%	0.053%
77	20.233	2981	2983	2986	rVV2	9375	8395	0.67%	0.054%
78	20.286	2986	2992	2997	rVV3	19517	32414	2.58%	0.209%
79	20.344	2999	3002	3005	rBV	19524	19312	1.54%	0.125%
80	20.527	3030	3033	3037	rBV6	12407	14490	1.15%	0.094%
81	20.686	3057	3060	3067	rVB2	16875	22515	1.79%	0.145%
82	20.850	3084	3088	3092	rBV	16958	23841	1.90%	0.154%
83	20.891	3092	3095	3096	rBV2	19105	19741	1.57%	0.128%
84	20.921	3096	3100	3108	rVV3	141987	240878	19.16%	1.556%
85	21.115	3131	3133	3137	rVB3	10047	9932	0.79%	0.064%
86	21.203	3141	3148	3152	rVV2	844697	1256993	100.00%	8.122%
87	21.238	3152	3154	3161	rVB	130956	156437	12.45%	1.011%
88	21.356	3170	3174	3180	rBV3	32030	53570	4.26%	0.346%
89	21.538	3196	3205	3211	rBV3	66572	233256	18.56%	1.507%
90	21.703	3229	3233	3236	rBV2	36743	49052	3.90%	0.317%
91	21.850	3255	3258	3263	rVB4	54188	68713	5.47%	0.444%
92	21.997	3281	3283	3286	rVV5	25777	26986	2.15%	0.174%
93	22.027	3286	3288	3295	rVB8	27773	43572	3.47%	0.282%
94	22.744	3405	3410	3415	rBV	107756	235501	18.74%	1.522%
95	22.909	3436	3438	3443	rVB	18468	23852	1.90%	0.154%
96	23.215	3485	3490	3493	rBV	59018	105617	8.40%	0.682%
97	23.262	3493	3498	3503	rVV	446771	845433	67.26%	5.462%
98	23.309	3503	3506	3513	rVB	104095	171813	13.67%	1.110%
99	23.403	3515	3522	3528	rBV	574114	1041004	82.82%	6.726%
100	26.373	4019	4027	4051	rVB3	278113	1143268	90.95%	7.387%

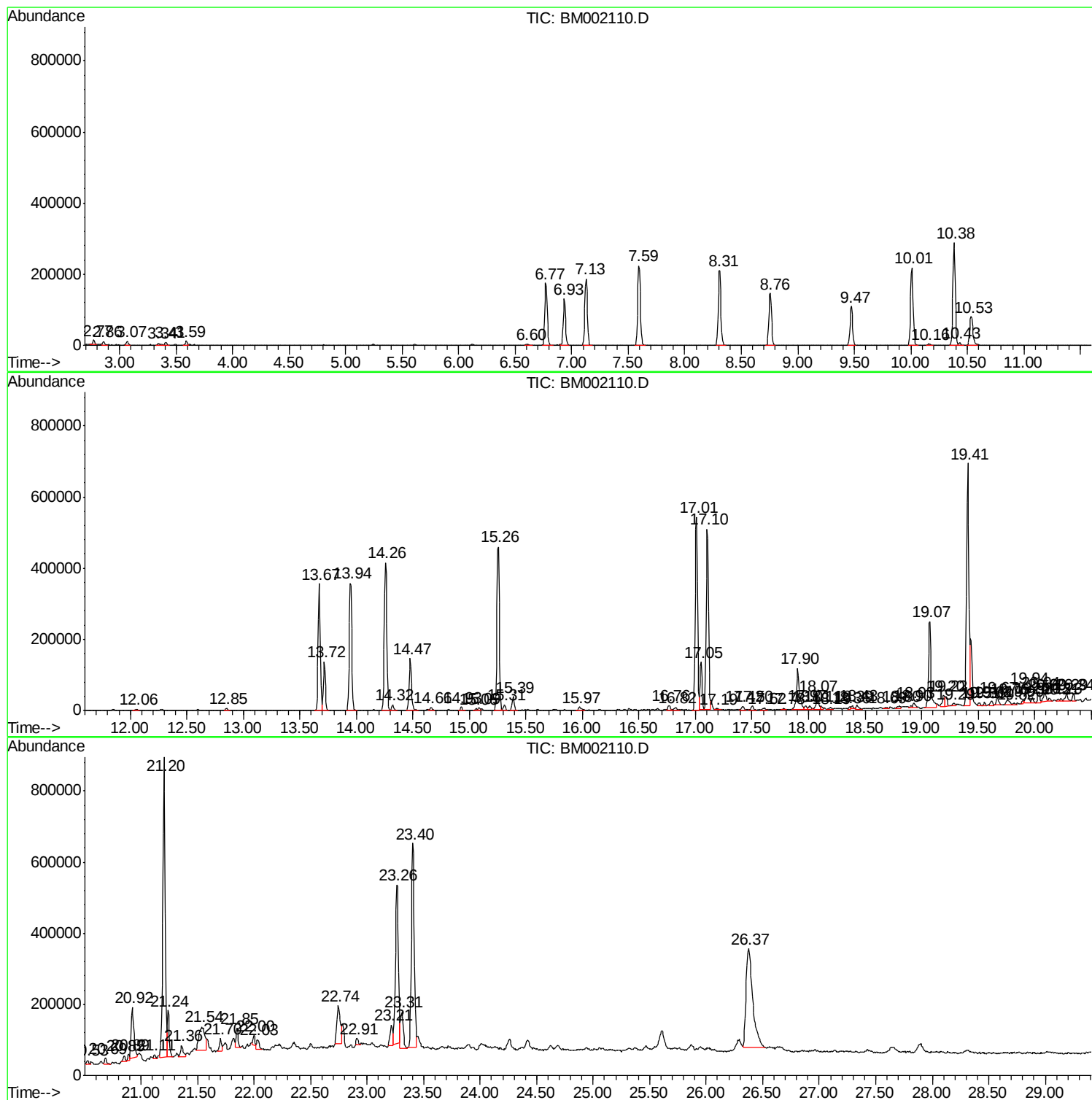
Sum of corrected areas: 15477190

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



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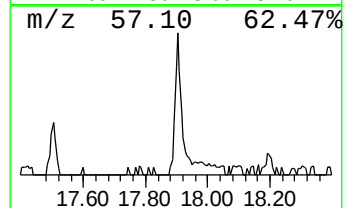
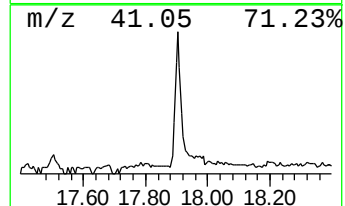
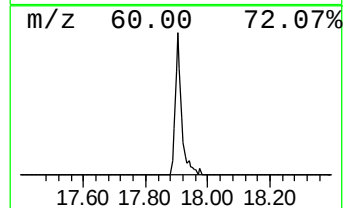
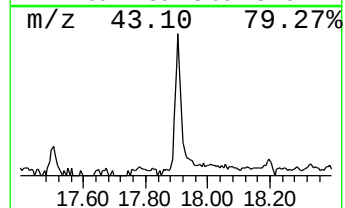
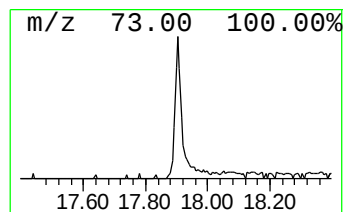
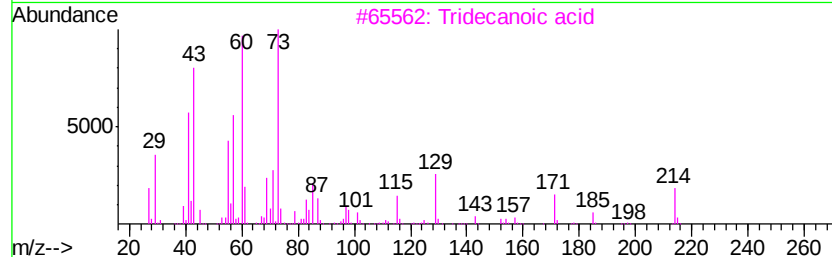
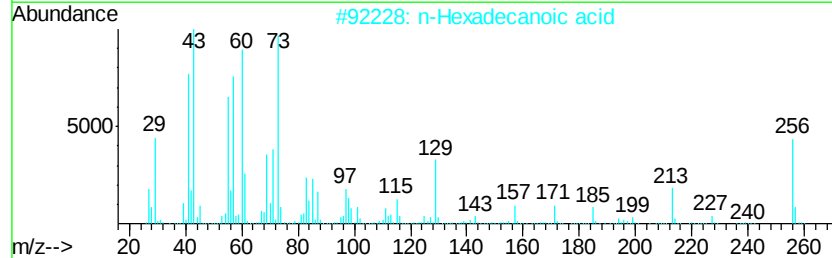
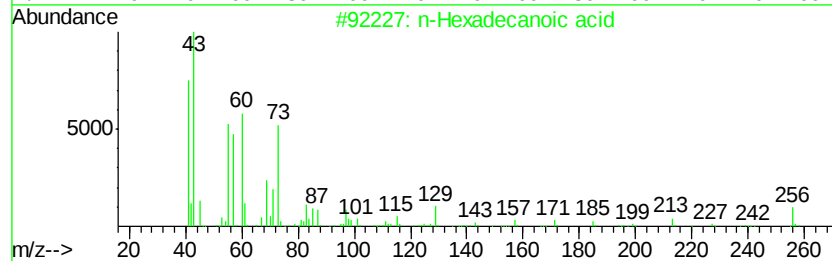
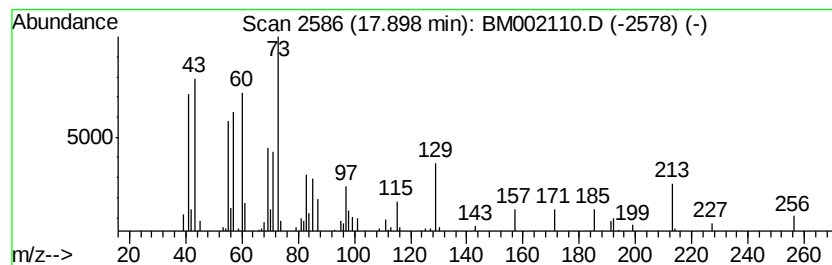
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.35 ng/ul	204054	Phenanthrene-d10	17.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	94
4			Tridecanoic acid	214	C13H26O2	000638-53-9	94
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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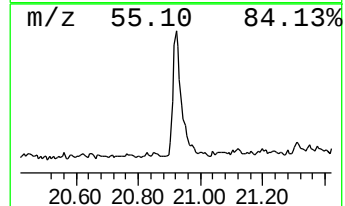
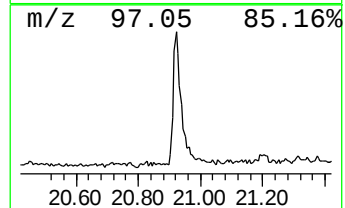
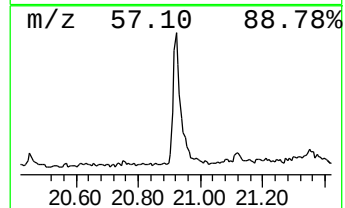
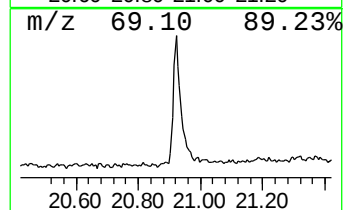
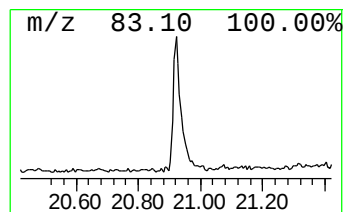
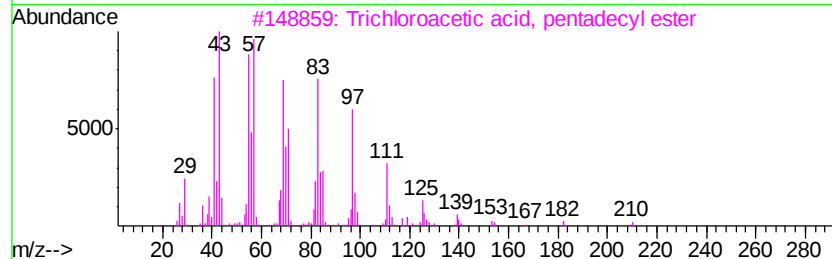
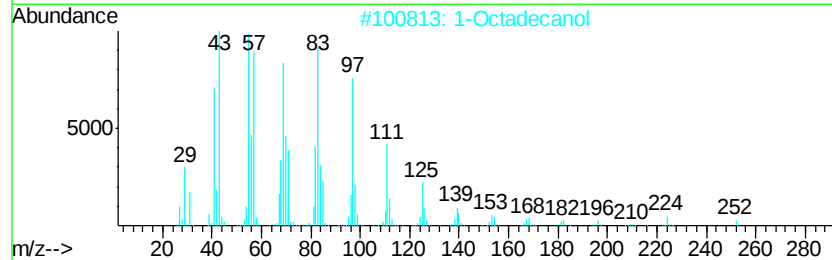
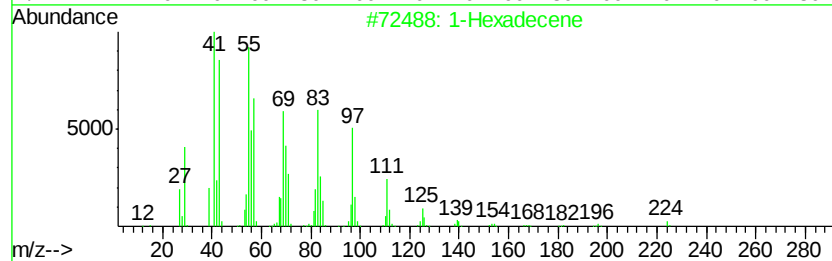
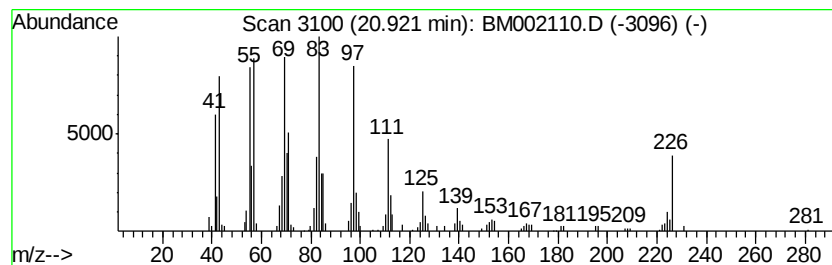
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.92	3.83 ng/ul	240878	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	90
2	1-Octadecanol	270	C18H38O	000112-92-5	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	87
5	Cyclohexadecane	224	C16H32	000295-65-8	86



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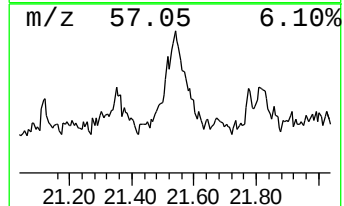
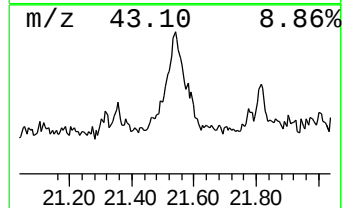
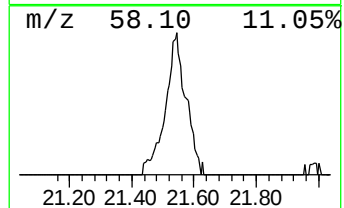
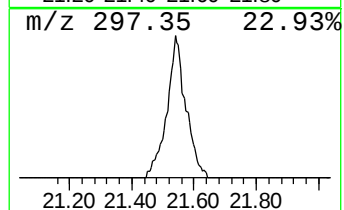
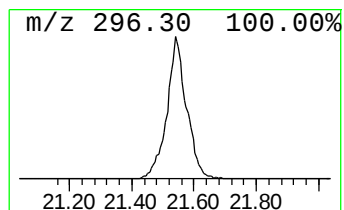
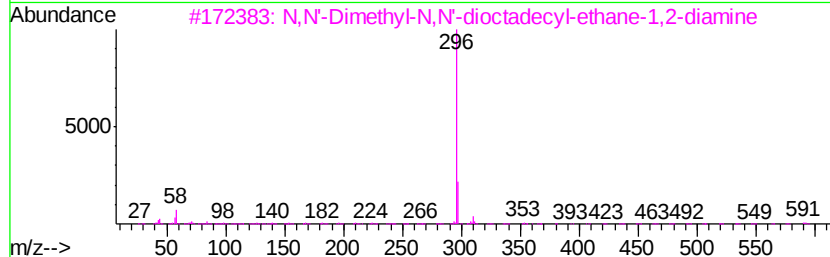
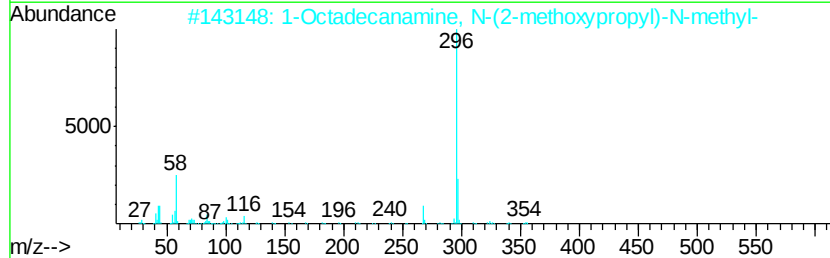
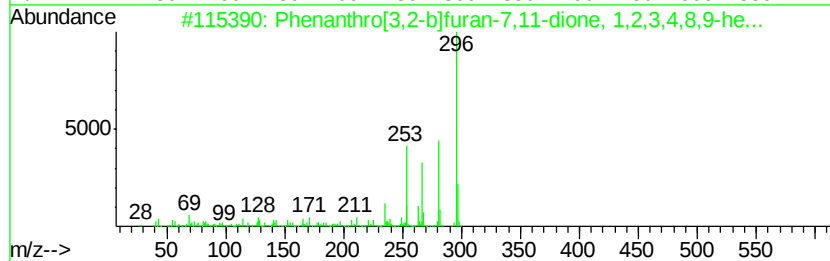
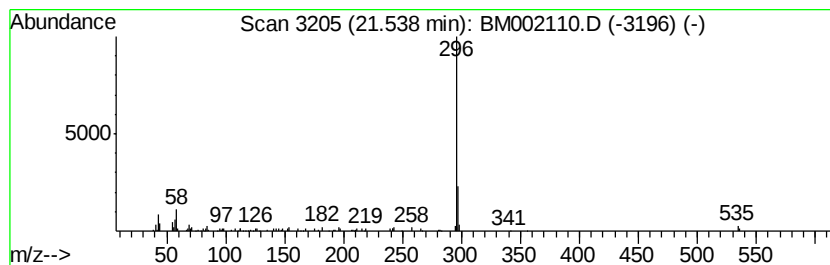
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Peak Number 3 Phenanthro[3,2-b]furan-7,11... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.71 ng/ul	233256	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthro[3,2-b]furan-7,11-dion...	296	C19H20O3	022550-15-8	78
2		1-Octadecanamine, N-(2-methoxypr...	355	C23H49NO	1000196-18-5	72
3		N,N'-Dimethyl-N,N'-dioctadecyl-e...	593	C40H84N2	040520-07-8	64
4		Benzo[blthiophen-3(2H)-one, 2-(3...	296	C16H8O2S2	000522-75-8	64
5		Benzeneethanamine, .beta.-hydrox...	403	C27H49NO	1000197-20-9	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002110.D
Acq On : 29 Jul 2015 01:39
Operator : TP/UM
Sample : G3030-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M2

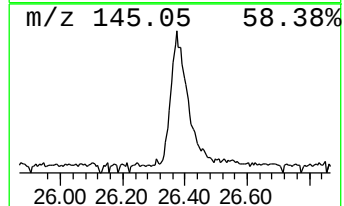
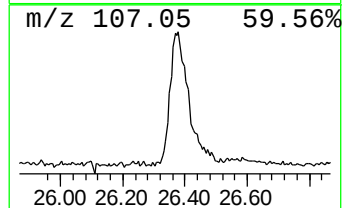
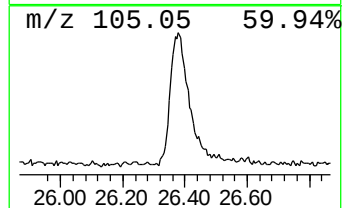
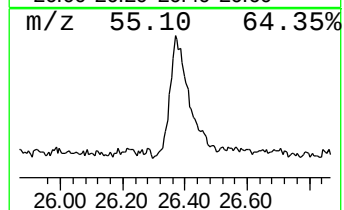
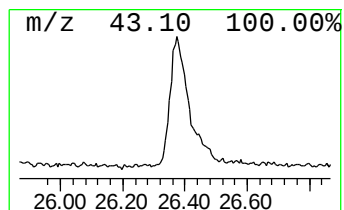
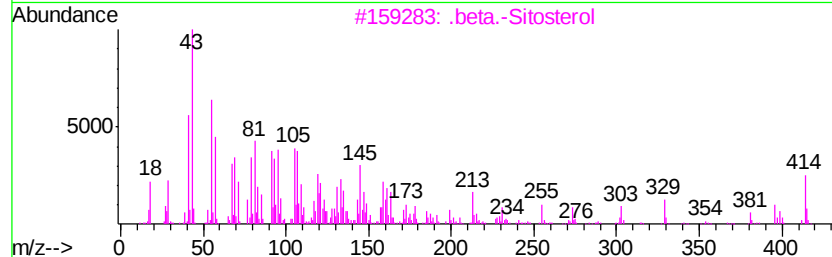
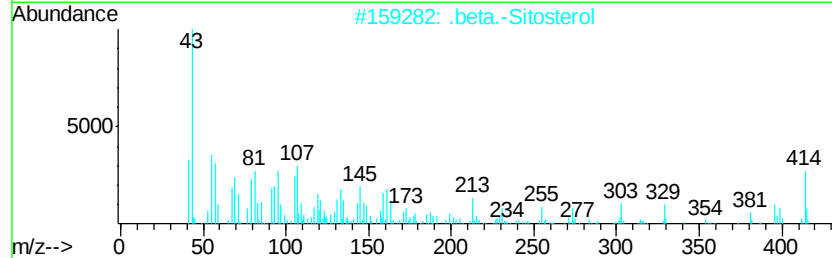
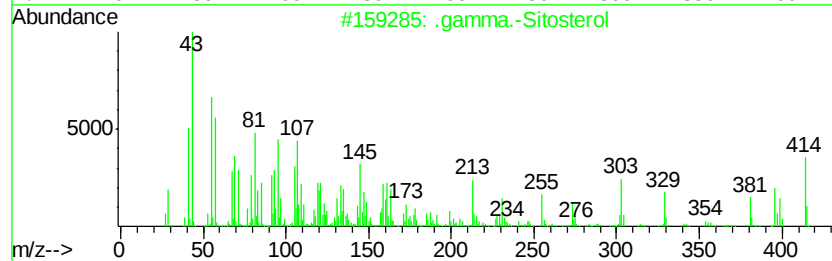
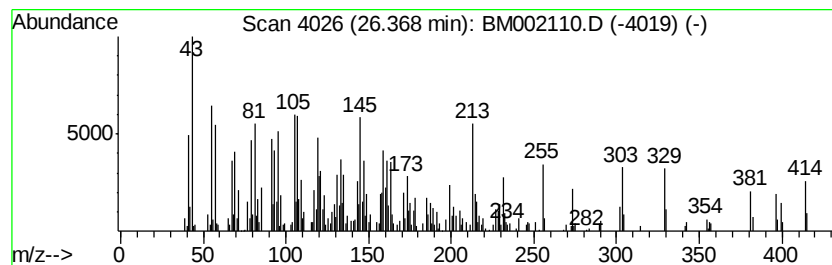
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.37	21.96 ng/ul	1143270	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	97
4		Stigmaterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	83
5		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002110.D
Acq On : 29 Jul 2015 01:39
Operator : TP/UM
Sample : G3030-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	5.3	ng/ul	204054	4	17.01	763480	20.0
(DEL) Alkane: Cyc...	20.92	3.8	ng/ul	240878	5	21.20	1256990	20.0
Phenanthro[3,2-b]...	21.54	3.7	ng/ul	233256	5	21.20	1256990	20.0
.gamma.-Sitosterol	26.37	22.0	ng/ul	1143270	6	23.40	1041000	20.0