

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003127.D
 Acq On : 15 Nov 2015 11:59
 Operator : UM/IZ
 Sample : G4401-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC789

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-BM103015.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	3.205	16	20	32	rVB	25302	31600	1.11%	0.090%
2	4.851	296	300	307	rBV	6531	9891	0.35%	0.028%
3	6.722	614	618	624	rBB	8594	13180	0.46%	0.037%
4	6.904	643	649	661	rBB	438758	696652	24.46%	1.977%
5	7.075	672	678	687	rBV	359085	552311	19.39%	1.568%
6	7.275	705	712	721	rBB	461889	710146	24.94%	2.016%
7	7.745	785	792	798	rBB	422074	660313	23.19%	1.874%
8	8.445	904	911	919	rBV	584411	915594	32.15%	2.599%
9	8.898	981	988	996	rBB	416014	654348	22.98%	1.857%
10	9.016	1001	1008	1015	rBV	35134	56555	1.99%	0.161%
11	9.622	1104	1111	1118	rBB	342613	550152	19.32%	1.562%
12	10.151	1194	1201	1210	rBV	568202	921584	32.36%	2.616%
13	10.310	1224	1228	1233	rBB	8329	11843	0.42%	0.034%
14	10.533	1259	1266	1274	rBB	605752	1000696	35.14%	2.840%
15	10.669	1282	1289	1297	rBV	575014	949158	33.33%	2.694%
16	11.316	1395	1399	1404	rBB	13160	17889	0.63%	0.051%
17	11.533	1431	1436	1443	rBB	9781	14746	0.52%	0.042%
18	12.127	1532	1537	1541	rBB	7602	10895	0.38%	0.031%
19	12.739	1637	1641	1646	rVB	13409	18695	0.66%	0.053%
20	12.992	1680	1684	1689	rBB	28224	36736	1.29%	0.104%
21	13.304	1730	1737	1742	rBB3	8336	12435	0.44%	0.035%
22	13.798	1815	1821	1825	rVV	1131868	1586681	55.71%	4.504%
23	13.845	1825	1829	1837	rVV	972681	1319739	46.34%	3.746%
24	14.080	1863	1869	1880	rVB	1239024	1820913	63.94%	5.169%
25	14.292	1900	1905	1910	rBV	39446	49481	1.74%	0.140%
26	14.392	1914	1922	1929	rBV2	882149	1347868	47.33%	3.826%
27	14.580	1947	1954	1961	rBV	542081	743171	26.09%	2.109%
28	14.739	1975	1981	1986	rBV3	6021	13828	0.49%	0.039%
29	14.804	1986	1992	1996	rVV2	9584	18148	0.64%	0.052%
30	14.910	2006	2010	2016	rVV4	10385	18024	0.63%	0.051%
31	14.980	2018	2022	2026	rVB	6777	10044	0.35%	0.029%
32	15.192	2054	2058	2063	rBV2	15885	25086	0.88%	0.071%
33	15.245	2063	2067	2072	rVB	62176	75082	2.64%	0.213%
34	15.386	2084	2091	2097	rVB	1592437	2353499	82.64%	6.680%

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35	15.498	2104	2110	2116	rBV	466910	602015	21.14%	1.709%
36	15.627	2127	2132	2135	rBV2	23633	41582	1.46%	0.118%
37	15.745	2148	2152	2157	rVB	8708	11978	0.42%	0.034%
38	15.798	2157	2161	2167	rBV3	7959	12892	0.45%	0.037%
39	16.104	2209	2213	2216	rBV	64180	86891	3.05%	0.247%
40	16.221	2229	2233	2237	rBV	18150	21762	0.76%	0.062%
41	16.280	2239	2243	2249	rVB3	19617	30397	1.07%	0.086%
42	16.339	2249	2253	2257	rVB2	18172	22263	0.78%	0.063%
43	16.386	2257	2261	2266	rVB2	12141	16127	0.57%	0.046%
44	16.457	2266	2273	2276	rBV3	12888	26735	0.94%	0.076%
45	16.533	2281	2286	2295	rVB6	25236	52271	1.84%	0.148%
46	16.610	2295	2299	2303	rBV	28670	40473	1.42%	0.115%
47	16.680	2307	2311	2315	rVB2	14300	16932	0.59%	0.048%
48	16.898	2342	2348	2354	rBV2	38584	57149	2.01%	0.162%
49	16.951	2354	2357	2361	rVB	9902	13754	0.48%	0.039%
50	17.133	2382	2388	2397	rVV	1110875	1557196	54.68%	4.420%
51	17.233	2397	2405	2414	rVV2	1775138	2520013	88.49%	7.153%
52	17.515	2448	2453	2458	rBV2	31585	43246	1.52%	0.123%
53	17.633	2469	2473	2478	rBV	14343	17766	0.62%	0.050%
54	17.898	2514	2518	2521	rVV3	12557	19536	0.69%	0.055%
55	17.927	2521	2523	2530	rVB2	11626	14632	0.51%	0.042%
56	18.027	2535	2540	2547	rBV	183487	255814	8.98%	0.726%
57	18.104	2550	2553	2557	rVB	23175	27230	0.96%	0.077%
58	18.327	2586	2591	2595	rVB4	11733	17928	0.63%	0.051%
59	18.462	2609	2614	2621	rVB	165889	193026	6.78%	0.548%
60	18.545	2622	2628	2632	rBV	23795	38278	1.34%	0.109%
61	18.633	2639	2643	2647	rBV3	17971	24055	0.84%	0.068%
62	18.798	2668	2671	2676	rBV	16149	21336	0.75%	0.061%
63	18.892	2682	2687	2694	rBV	77272	121297	4.26%	0.344%
64	18.956	2694	2698	2704	rVB2	18832	32827	1.15%	0.093%
65	19.168	2730	2734	2736	rBV	22483	31554	1.11%	0.090%
66	19.203	2736	2740	2747	rVB3	27816	53642	1.88%	0.152%
67	19.315	2754	2759	2767	rBV	78409	115392	4.05%	0.328%
68	19.392	2769	2772	2774	rVV3	14961	20556	0.72%	0.058%
69	19.439	2774	2780	2784	rVV2	69660	114579	4.02%	0.325%
70	19.533	2787	2796	2802	rVV	2077311	2847953	100.00%	8.084%
71	19.580	2802	2804	2810	rVB6	15156	20813	0.73%	0.059%

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72	19.815	2840	2844	2848	rBV4	10331	16163	0.57%	0.046%
73	19.974	2866	2871	2876	rBV	77157	107147	3.76%	0.304%
74	20.021	2876	2879	2881	rBV	24110	28706	1.01%	0.081%
75	20.192	2905	2908	2913	rVB	26289	32009	1.12%	0.091%
76	20.274	2920	2922	2928	rVB4	12882	14232	0.50%	0.040%
77	20.456	2949	2953	2960	rVB	112796	147296	5.17%	0.418%
78	20.527	2960	2965	2972	rBV4	29055	61177	2.15%	0.174%
79	20.662	2985	2988	2992	rBV	65551	75655	2.66%	0.215%
80	20.709	2992	2996	3000	rVV	135292	160585	5.64%	0.456%
81	20.745	3000	3002	3004	rVV	20735	22341	0.78%	0.063%
82	20.774	3004	3007	3011	rVB	57123	62398	2.19%	0.177%
83	20.980	3039	3042	3048	rBV3	11413	14887	0.52%	0.042%
84	21.039	3048	3052	3057	rBV	161661	195068	6.85%	0.554%
85	21.156	3068	3072	3079	rVB	81118	103770	3.64%	0.295%
86	21.215	3079	3082	3084	rBV	34526	40214	1.41%	0.114%
87	21.245	3084	3087	3091	rVV	104530	109296	3.84%	0.310%
88	21.327	3095	3101	3107	rBV	1314608	1690333	59.35%	4.798%
89	21.580	3140	3144	3148	rBV2	17699	22902	0.80%	0.065%
90	22.456	3290	3293	3298	rVB2	26739	36580	1.28%	0.104%
91	22.515	3298	3303	3315	rVB	389713	528077	18.54%	1.499%
92	23.091	3396	3401	3409	rVB	58481	101209	3.55%	0.287%
93	23.444	3453	3461	3474	rBV	1431560	2681870	94.17%	7.612%
94	23.586	3478	3485	3497	rVB	829876	1595154	56.01%	4.528%
95	23.815	3518	3524	3531	rVB	81949	165439	5.81%	0.470%
96	24.209	3587	3591	3598	rVB6	33123	65507	2.30%	0.186%
97	24.668	3662	3669	3681	rVB2	92898	232362	8.16%	0.660%
98	24.880	3702	3705	3712	rVB5	25054	45479	1.60%	0.129%
99	25.680	3835	3841	3852	rVB3	74544	216160	7.59%	0.614%
100	26.927	4047	4053	4071	rVB3	77012	269486	9.46%	0.765%

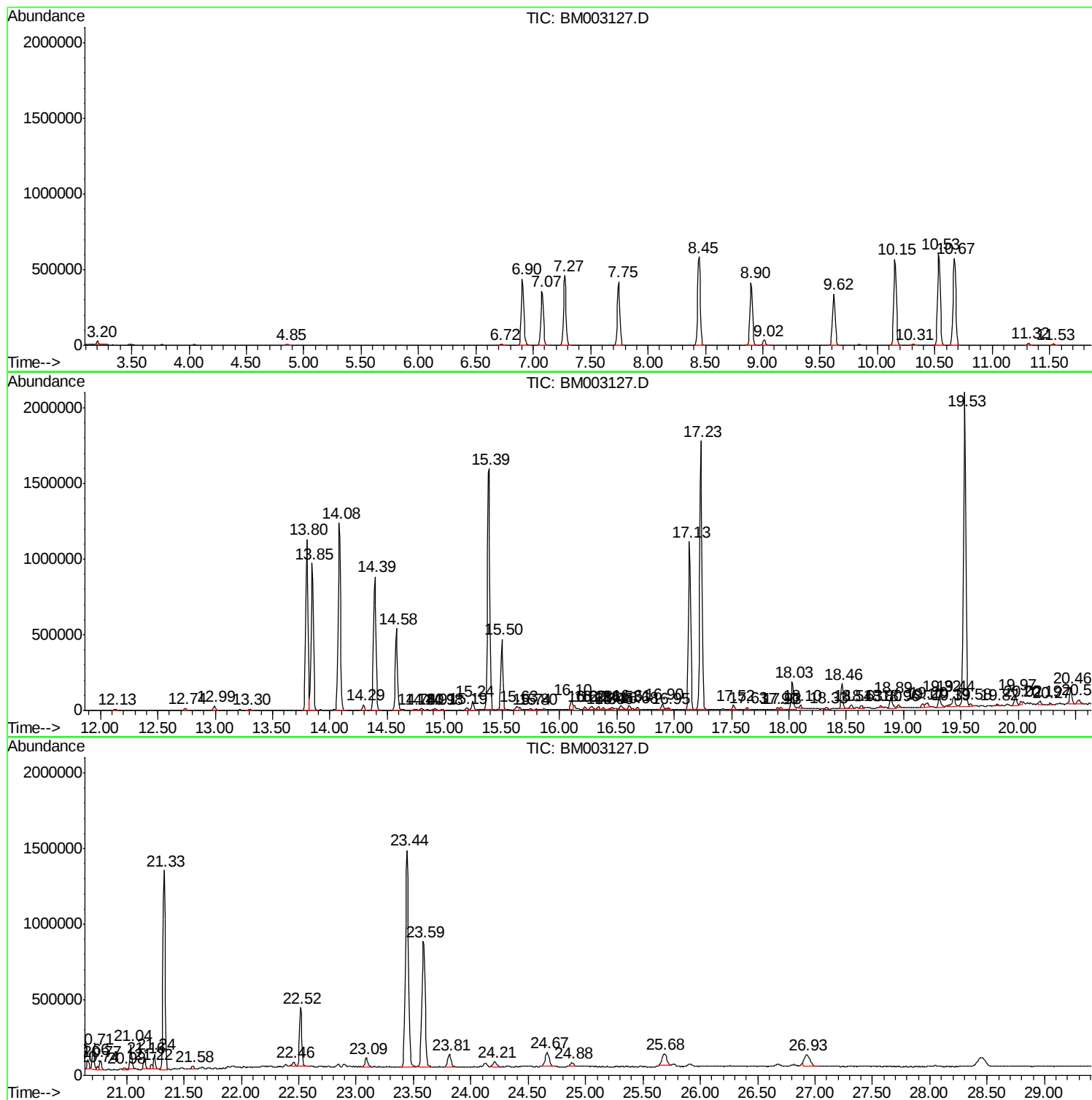
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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



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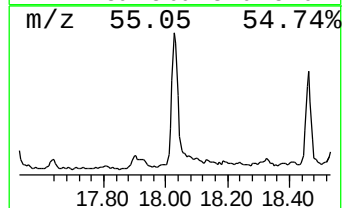
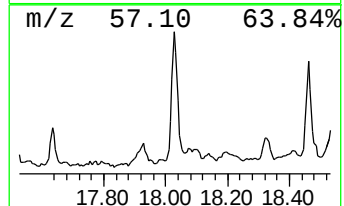
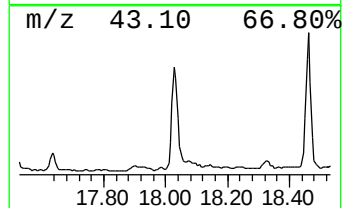
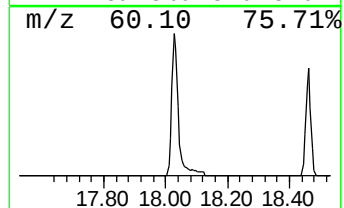
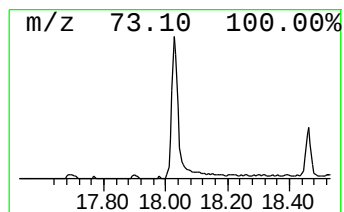
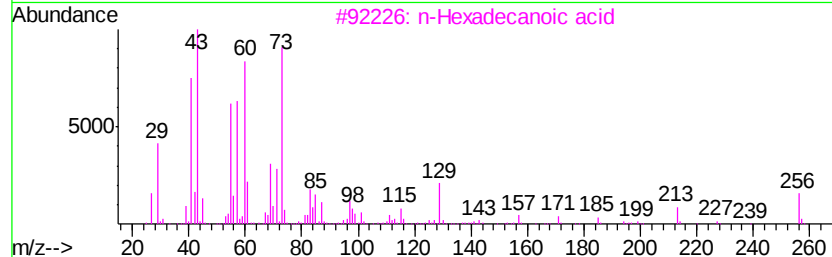
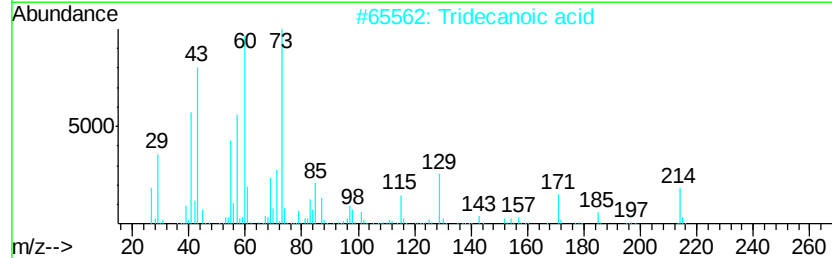
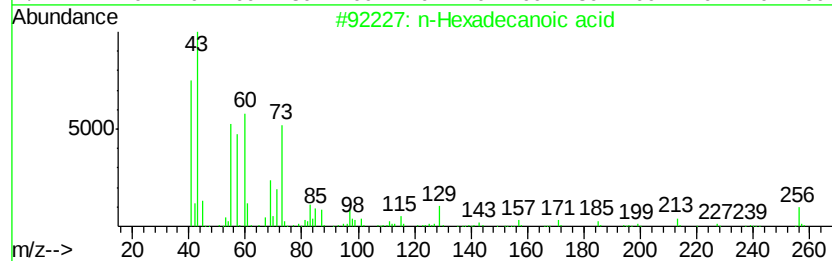
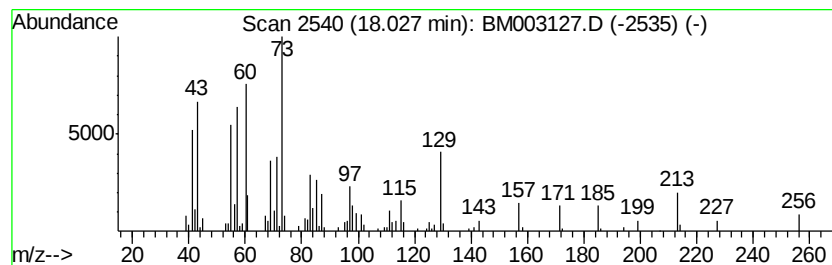
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.29 ng/ul	255814	Phenanthrene-d10	17.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



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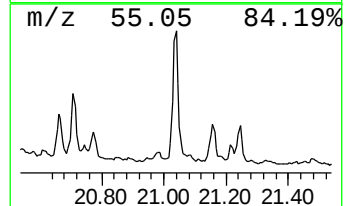
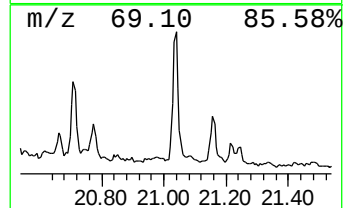
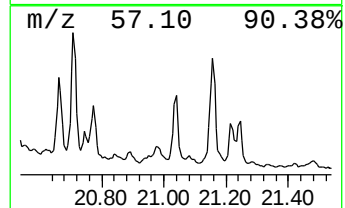
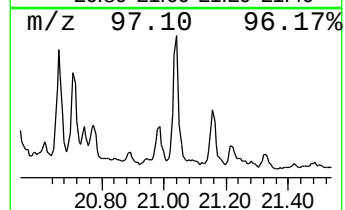
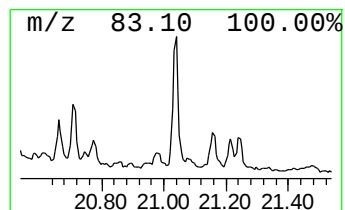
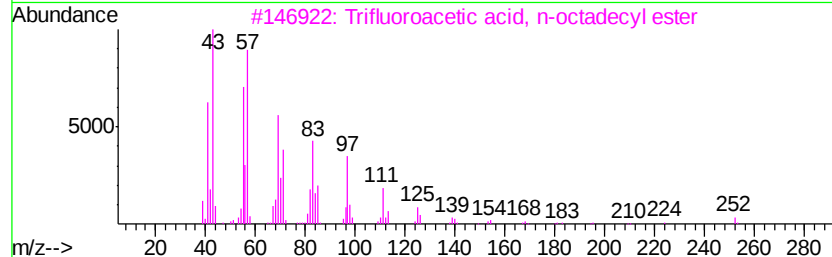
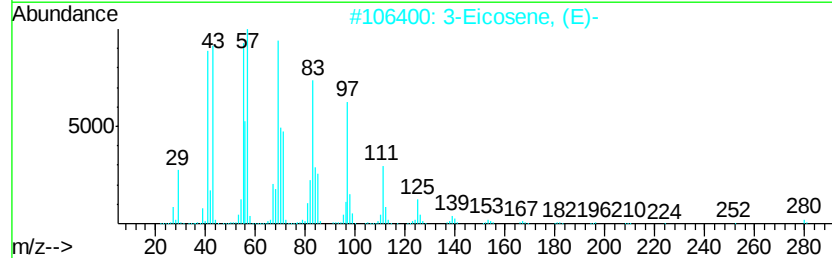
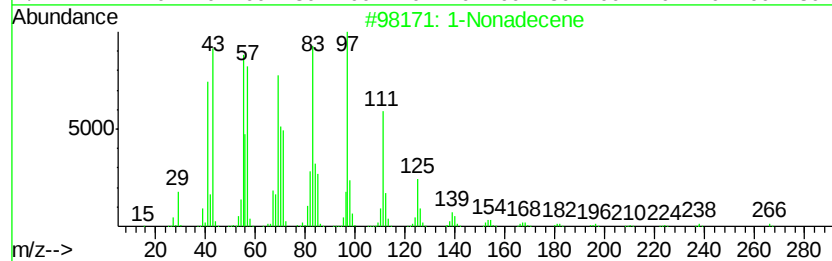
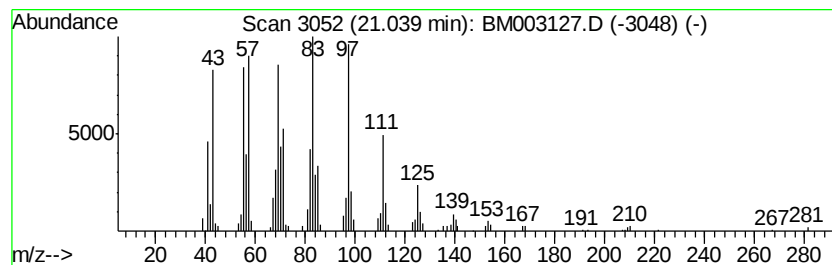
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.31 ng/ul	195068	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
5		Cyclopentadecane	210	C15H30	000295-48-7	89



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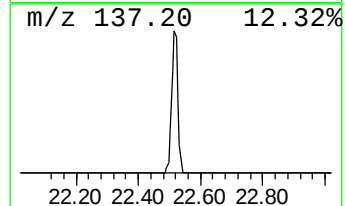
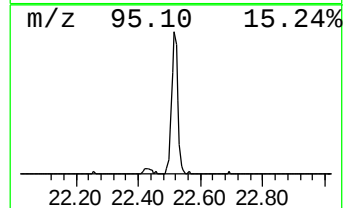
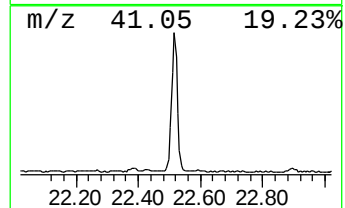
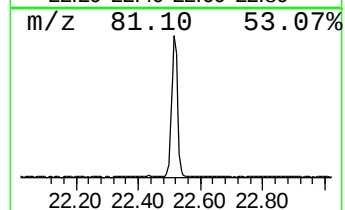
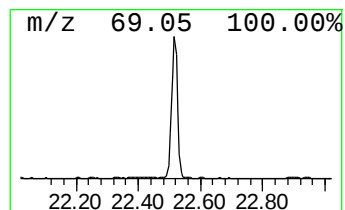
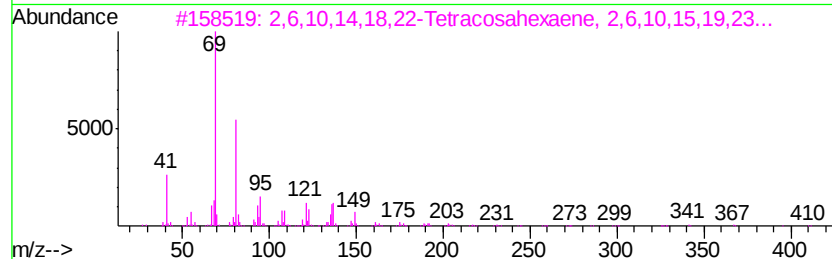
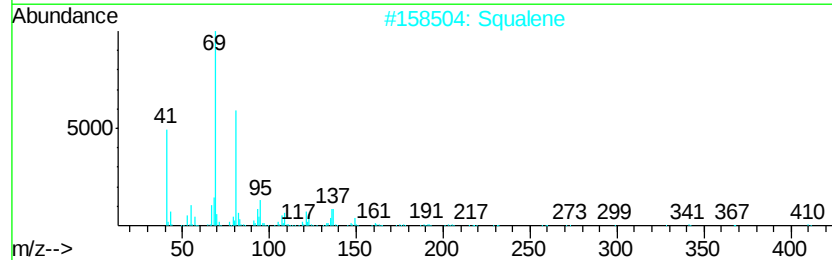
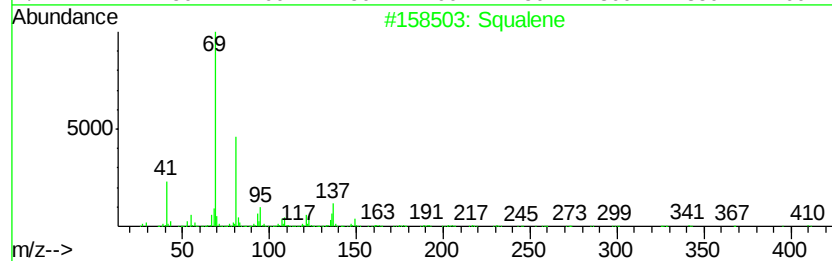
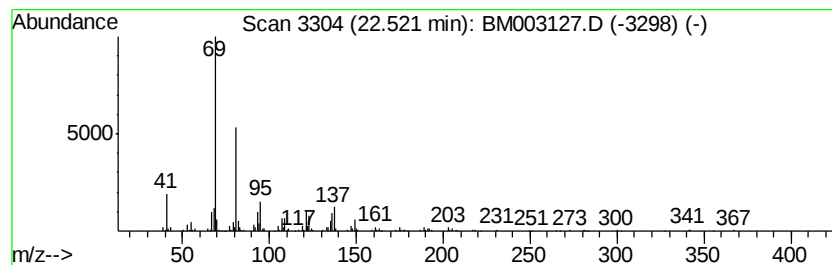
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	6.62 ng/ul	528077	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	91
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003127.D
Acq On : 15 Nov 2015 11:59
Operator : UM/IZ
Sample : G4401-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC789

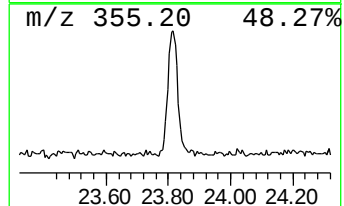
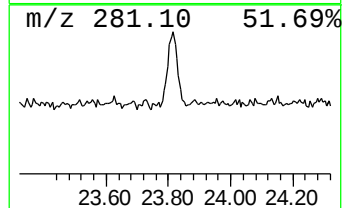
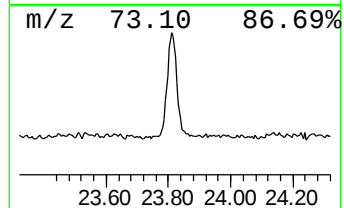
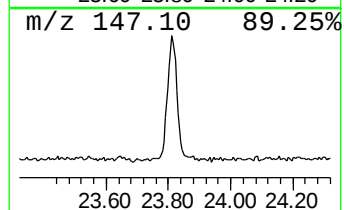
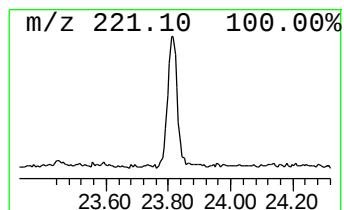
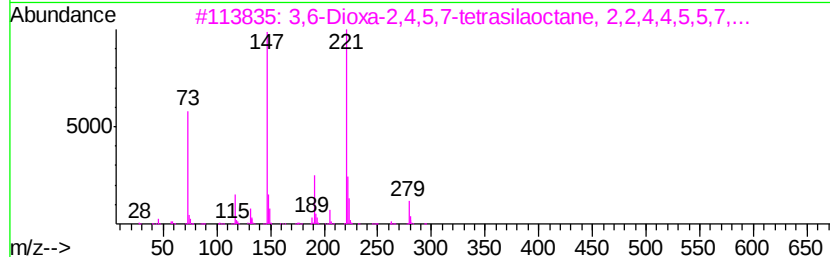
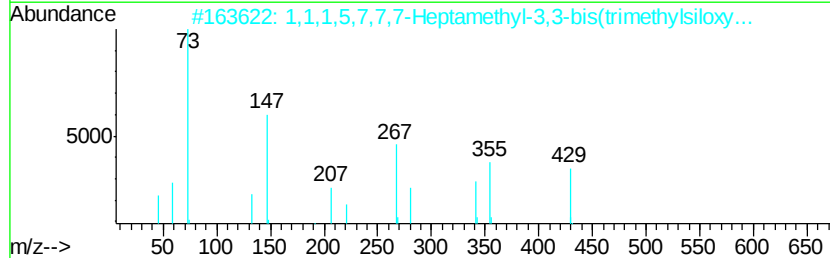
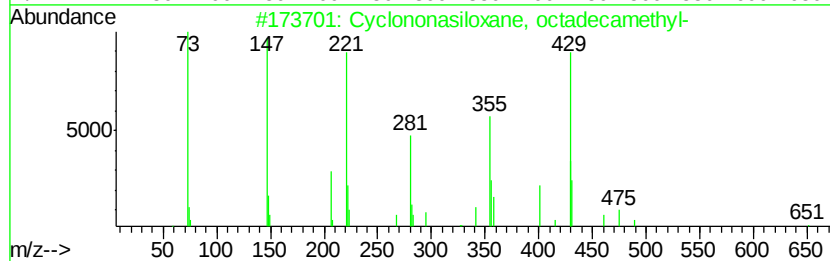
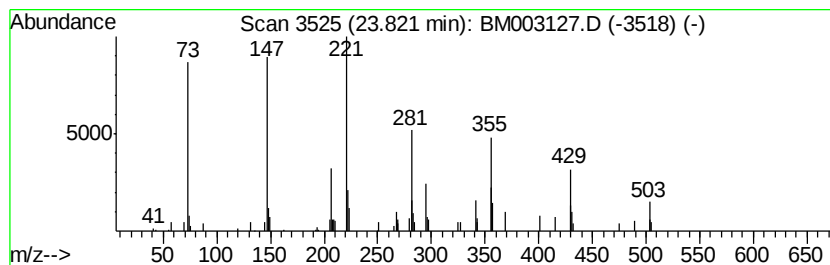
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclononasiloxane, octadeca... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.07 ng/ul	165439	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	87
2		1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	40
3		3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
4		2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	32
5		Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	32



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ALS Vial : 4 Sample Multiplier: 1

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BNA_M
ClientSampleId :
BC789

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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	18.03	3.3	ng/ul	255814	4	17.13	1557200	20.0
(DEL) Alkane: Cyc...	21.04	2.3	ng/ul	195068	5	21.33	1690330	20.0
Squalene	22.52	6.6	ng/ul	528077	6	23.59	1595150	20.0
Cyclononasiloxane...	23.82	2.1	ng/ul	165439	6	23.59	1595150	20.0