

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019770.D
 Acq On : 06 Apr 2019 03:47
 Operator : JU/SJ
 Sample : K2217-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF603

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.116	19	22	30	rBV	40304	55651	1.66%	0.138%
2	3.628	105	109	112	rBV4	9165	14711	0.44%	0.036%
3	3.810	138	140	145	rVB3	5326	5461	0.16%	0.014%
4	4.157	195	199	205	rBV3	8862	16722	0.50%	0.041%
5	4.710	290	293	298	rVB2	4730	6299	0.19%	0.016%
6	4.757	298	301	307	rBV5	3894	7655	0.23%	0.019%
7	6.745	633	639	661	rBV	400882	791100	23.57%	1.959%
8	6.916	662	668	685	rVV	354314	647021	19.28%	1.602%
9	7.093	692	698	719	rVB	515584	873287	26.02%	2.162%
10	7.557	771	777	786	rBV	604556	983064	29.29%	2.434%
11	7.628	787	789	793	rVB2	5208	6515	0.19%	0.016%
12	8.275	893	899	919	rBV	442766	871655	25.97%	2.158%
13	8.404	919	921	925	rVB3	2501	3747	0.11%	0.009%
14	8.734	970	977	994	rBV	464859	857645	25.56%	2.124%
15	9.051	1026	1031	1036	rVB2	16470	21286	0.63%	0.053%
16	9.445	1091	1098	1114	rBV	405988	735229	21.91%	1.821%
17	9.781	1146	1155	1158	rBV5	2780	7175	0.21%	0.018%
18	9.975	1182	1188	1216	rBV	523521	1079546	32.17%	2.673%
19	10.339	1242	1250	1263	rBV	936820	1583629	47.19%	3.921%
20	10.504	1272	1278	1306	rBV	398365	979645	29.19%	2.426%
21	11.969	1521	1527	1535	rBV3	4620	11821	0.35%	0.029%
22	12.527	1617	1622	1624	rBV4	3202	5023	0.15%	0.012%
23	13.010	1702	1704	1709	rBV3	2967	4478	0.13%	0.011%
24	13.645	1805	1812	1817	rBV	1190135	1769341	52.72%	4.381%
25	13.692	1817	1820	1831	rVB	130016	197750	5.89%	0.490%
26	13.916	1851	1858	1873	rBV	1429462	2117590	63.10%	5.244%
27	14.104	1887	1890	1894	rVB5	4223	5298	0.16%	0.013%
28	14.221	1903	1910	1923	rBV2	1509828	2220625	66.17%	5.499%
29	14.486	1949	1955	1978	rBV	165099	560928	16.71%	1.389%
30	14.651	1978	1983	1993	rVB	102049	159119	4.74%	0.394%
31	14.786	2004	2006	2011	rVB3	2659	3670	0.11%	0.009%
32	15.010	2039	2044	2047	rBV3	4519	6191	0.18%	0.015%
33	15.063	2049	2053	2057	rVB3	5571	7638	0.23%	0.019%
34	15.221	2074	2080	2094	rBV	1917983	2721481	81.09%	6.739%

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35	15.374	2101	2106	2119	rBV	396933	642846	19.16%	1.592%
36	15.468	2119	2122	2129	rVB2	23213	33326	0.99%	0.083%
37	15.621	2143	2148	2153	rVB5	3414	6171	0.18%	0.015%
38	15.927	2196	2200	2206	rBV5	4770	9119	0.27%	0.023%
39	16.010	2211	2214	2219	rVB2	5952	7577	0.23%	0.019%
40	16.392	2273	2279	2287	rBV2	27631	53972	1.61%	0.134%
41	16.527	2297	2302	2308	rVB2	21492	33886	1.01%	0.084%
42	16.721	2329	2335	2339	rBV3	5259	8615	0.26%	0.021%
43	16.774	2339	2344	2347	rBV3	8699	11118	0.33%	0.028%
44	16.886	2357	2363	2366	rBV4	5401	7850	0.23%	0.019%
45	16.980	2373	2379	2385	rBV	2005707	2655427	79.13%	6.575%
46	17.021	2385	2386	2390	rVV	27270	26808	0.80%	0.066%
47	17.080	2390	2396	2410	rVV2	1978674	2784461	82.97%	6.895%
48	17.268	2423	2428	2432	rBV4	4655	6944	0.21%	0.017%
49	17.327	2434	2438	2441	rVV5	2765	3734	0.11%	0.009%
50	17.374	2441	2446	2449	rVV4	4389	5788	0.17%	0.014%
51	17.457	2458	2460	2466	rBV4	3992	5569	0.17%	0.014%
52	17.645	2490	2492	2496	rVB3	2966	3421	0.10%	0.008%
53	17.745	2502	2509	2518	rVB7	4903	11823	0.35%	0.029%
54	17.821	2518	2522	2524	rBV4	2848	3914	0.12%	0.010%
55	17.874	2526	2531	2543	rBV	268113	428615	12.77%	1.061%
56	18.051	2558	2561	2562	rBV3	4253	4310	0.13%	0.011%
57	18.162	2576	2580	2582	rBV4	5863	8212	0.24%	0.020%
58	18.245	2590	2594	2595	rBV3	5142	4682	0.14%	0.012%
59	18.298	2599	2603	2606	rBV4	16609	20409	0.61%	0.051%
60	18.368	2613	2615	2621	rVB3	4238	5539	0.17%	0.014%
61	18.674	2665	2667	2672	rVB6	5534	7616	0.23%	0.019%
62	18.745	2672	2679	2684	rVB6	14657	28620	0.85%	0.071%
63	18.798	2684	2688	2692	rVB5	11281	17685	0.53%	0.044%
64	18.945	2711	2713	2717	rVB4	6465	7386	0.22%	0.018%
65	19.021	2723	2726	2728	rBV	25615	33823	1.01%	0.084%
66	19.056	2728	2732	2737	rVB	189135	263706	7.86%	0.653%
67	19.121	2742	2743	2746	rBV3	3730	4311	0.13%	0.011%
68	19.168	2746	2751	2766	rBV2	105803	213663	6.37%	0.529%
69	19.280	2766	2770	2774	rBV2	17660	30358	0.90%	0.075%
70	19.392	2783	2789	2804	rBV	2281916	3355926	100.00%	8.310%
71	19.492	2804	2806	2808	rBV2	6807	6547	0.20%	0.016%

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72	19.615	2824	2827	2832	rVB3	10990	16157	0.48%	0.040%
73	19.727	2842	2846	2850	rBV3	47459	72231	2.15%	0.179%
74	19.762	2850	2852	2857	rVB3	45194	53255	1.59%	0.132%
75	19.921	2872	2879	2884	rVB3	61010	94013	2.80%	0.233%
76	20.268	2935	2938	2940	rBV4	13436	19079	0.57%	0.047%
77	20.421	2960	2964	2970	rBV	76762	95156	2.84%	0.236%
78	20.892	3039	3044	3056	rBV2	561085	838115	24.97%	2.075%
79	21.186	3088	3094	3099	rBV	2111184	2967475	88.42%	7.348%
80	21.321	3114	3117	3125	rBV2	83299	118234	3.52%	0.293%
81	21.744	3186	3189	3192	rBV3	115015	128163	3.82%	0.317%
82	22.197	3262	3266	3274	rBV2	161225	233915	6.97%	0.579%
83	22.686	3345	3349	3353	rVB	182489	233987	6.97%	0.579%
84	22.739	3354	3358	3362	rBV2	101028	186371	5.55%	0.461%
85	23.250	3438	3445	3451	rBV	1345978	2458380	73.25%	6.087%
86	23.391	3462	3469	3483	rVB	1262896	2448120	72.95%	6.062%
87	23.856	3544	3548	3554	rVB2	186497	320005	9.54%	0.792%

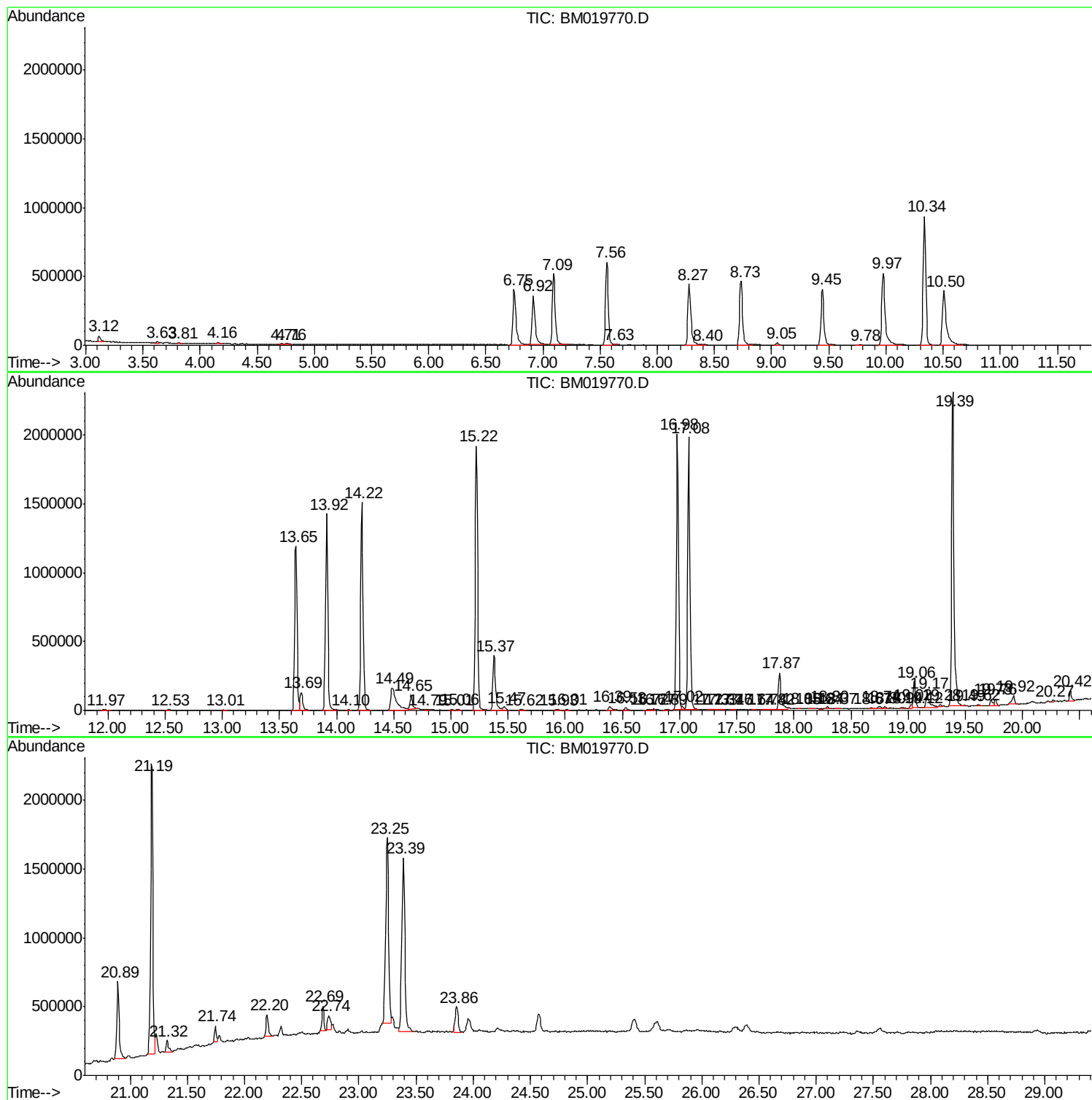
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Quant Title : SVOA CALIBRATION

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



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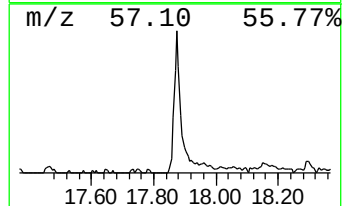
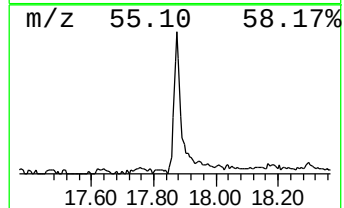
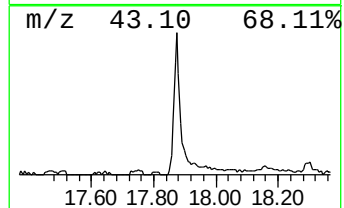
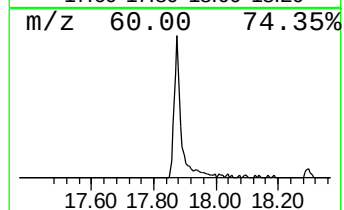
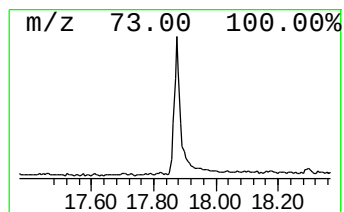
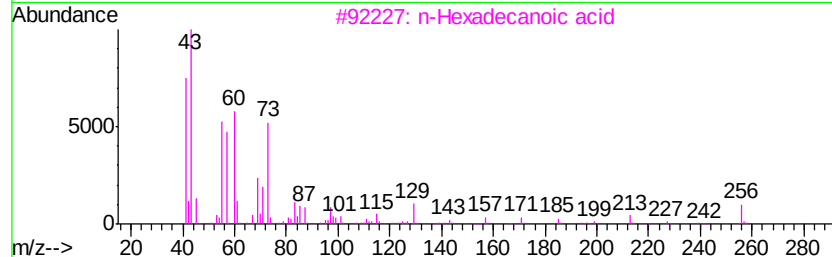
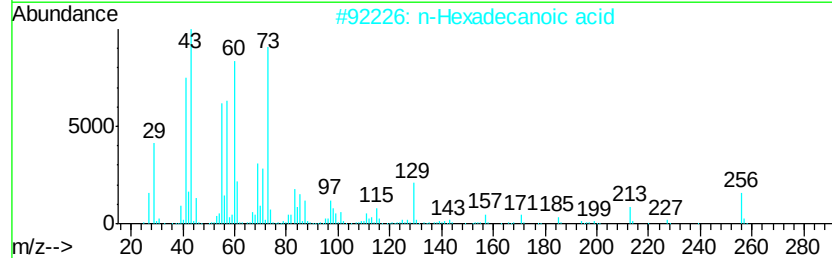
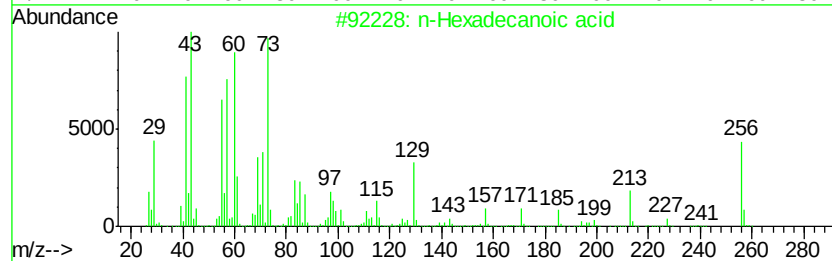
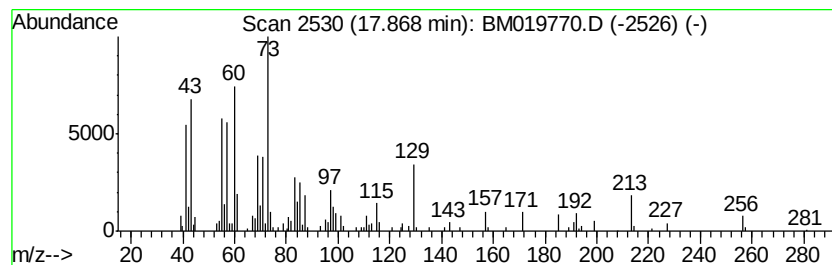
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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.		
17.87	3.23 ng/ul	428615	Phenanthrene-d10		16.98		
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	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Tridecane	184	C13H28	000629-50-5	18



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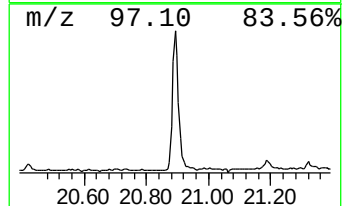
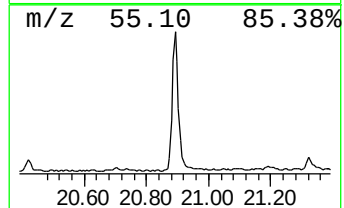
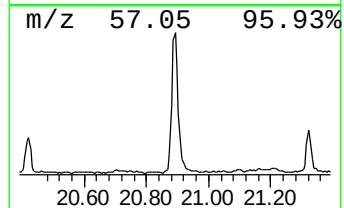
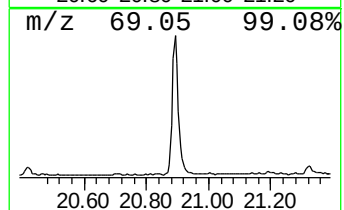
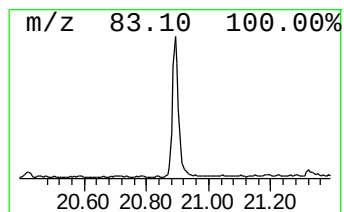
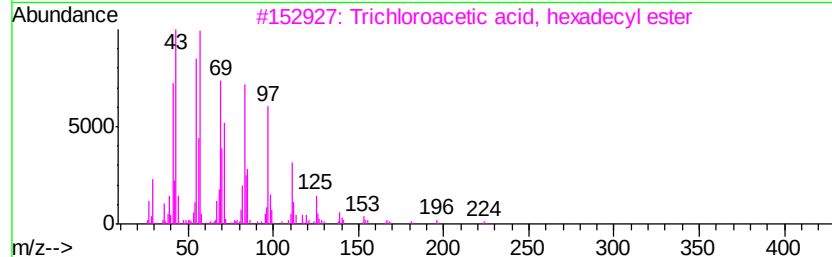
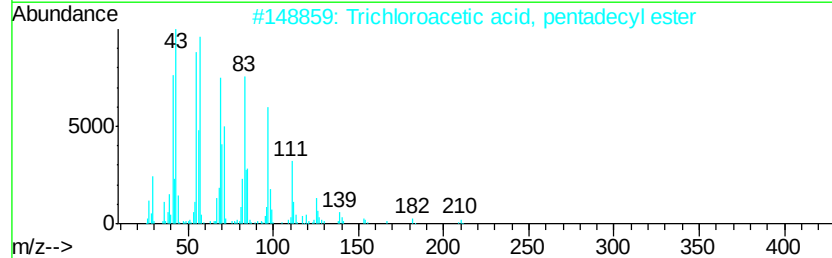
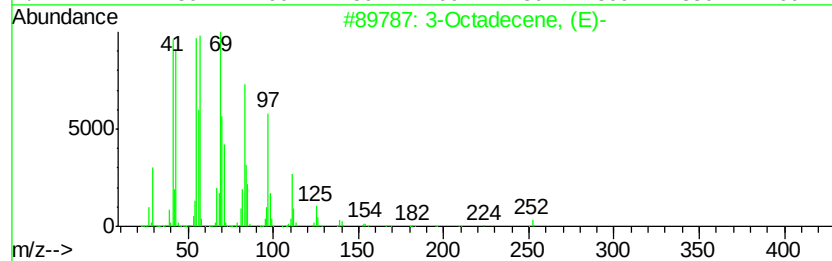
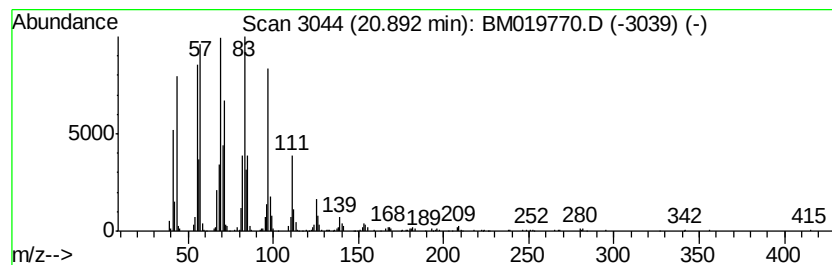
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.65 ng/ul	838115	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octadecene, (E)-	252 C18H36	007206-19-1	97
2	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
4	1-Tetracosanol	354 C24H50O	000506-51-4	91
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	91



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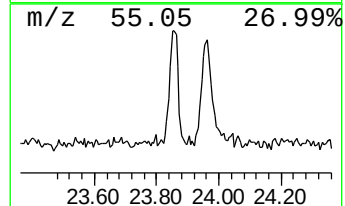
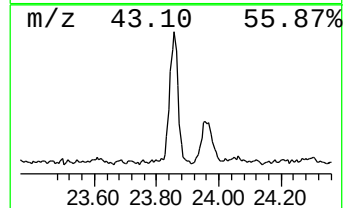
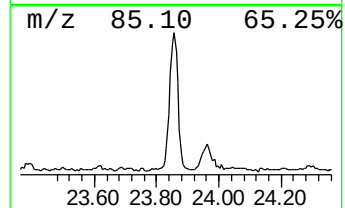
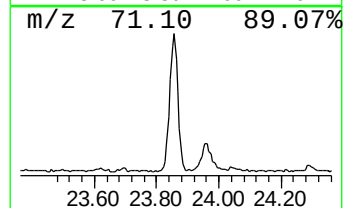
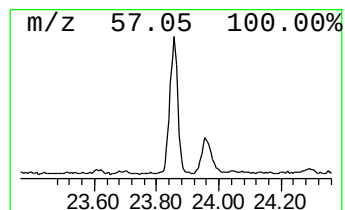
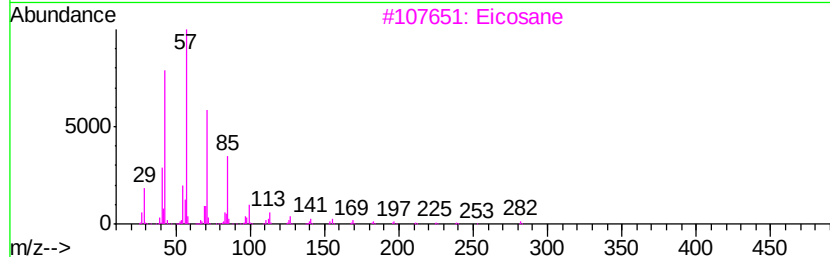
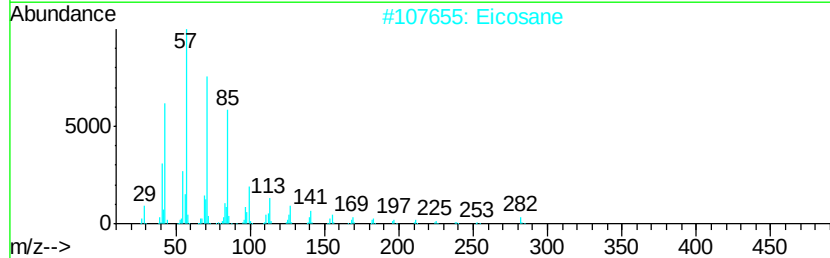
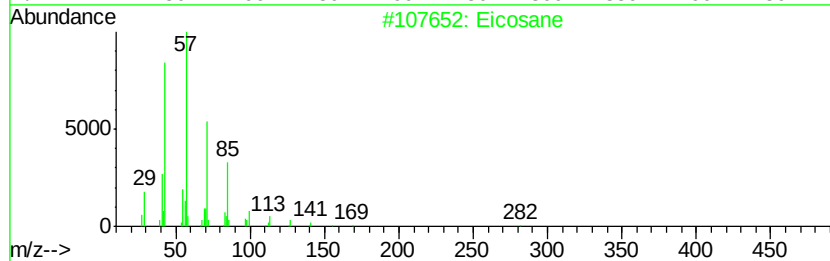
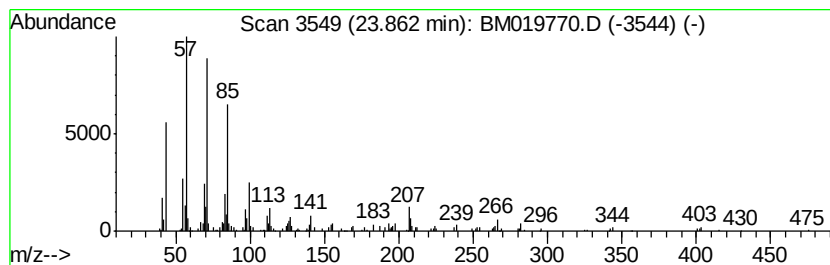
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.61 ng/ul	320005	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Nonacosane	408	C29H60	000630-03-5	87
5		Tetracosane	338	C24H50	000646-31-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.2	ng/ul	428615	4	16.98	2655430	20.0
(DEL) Alkane: Cyc...	20.89	5.7	ng/ul	838115	5	21.19	2967480	20.0
(DEL) Alkane: Str...	23.86	2.6	ng/ul	320005	6	23.39	2448120	20.0