

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019845.D
 Acq On : 10 Apr 2019 01:26
 Operator : JU/SJ
 Sample : K2304-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF892

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	29	rVB	31074	45791	2.52%	0.229%
2	3.622	105	108	113	rVB3	7532	10934	0.60%	0.055%
3	3.804	137	139	143	rVB3	4599	4962	0.27%	0.025%
4	4.328	226	228	232	rBV4	1729	2383	0.13%	0.012%
5	4.699	288	291	300	rVB2	5061	10301	0.57%	0.052%
6	5.116	360	362	366	rBV3	2548	2536	0.14%	0.013%
7	5.457	418	420	424	rVB3	1992	2489	0.14%	0.012%
8	6.240	551	553	558	rBV5	1586	2384	0.13%	0.012%
9	6.751	634	640	655	rBV	187670	420685	23.16%	2.107%
10	6.910	662	667	686	rBV	178682	338967	18.66%	1.698%
11	7.093	692	698	711	rBV	280558	473246	26.05%	2.371%
12	7.551	770	776	789	rBV	423507	722353	39.77%	3.619%
13	7.804	816	819	822	rVB4	1494	2202	0.12%	0.011%
14	7.881	829	832	834	rVB2	1912	2033	0.11%	0.010%
15	8.281	894	900	918	rBV	199429	414668	22.83%	2.077%
16	8.487	933	935	938	rVB3	1784	1886	0.10%	0.009%
17	8.734	970	977	994	rBV	212379	425723	23.44%	2.133%
18	9.039	1025	1029	1033	rVB2	14010	20274	1.12%	0.102%
19	9.445	1091	1098	1114	rBV	182230	353417	19.46%	1.770%
20	9.981	1183	1189	1210	rBV	199745	505539	27.83%	2.532%
21	10.110	1210	1211	1214	rVV2	5736	5908	0.33%	0.030%
22	10.157	1217	1219	1223	rVB3	1957	2753	0.15%	0.014%
23	10.263	1234	1237	1241	rVB2	1807	1852	0.10%	0.009%
24	10.333	1241	1249	1263	rBV	569527	975565	53.71%	4.887%
25	10.516	1272	1280	1297	rBV	153027	439427	24.19%	2.201%
26	10.739	1317	1318	1323	rVB3	2314	2169	0.12%	0.011%
27	11.333	1415	1419	1424	rVB	1145	1954	0.11%	0.010%
28	11.616	1465	1467	1471	rBV3	1340	2163	0.12%	0.011%
29	11.969	1522	1527	1535	rBV3	3202	6101	0.34%	0.031%
30	13.016	1702	1705	1708	rBV2	2511	2536	0.14%	0.013%
31	13.186	1731	1734	1741	rBV2	1524	3187	0.18%	0.016%
32	13.639	1806	1811	1817	rBV	437849	713871	39.30%	3.576%
33	13.692	1817	1820	1829	rVV	103937	157252	8.66%	0.788%
34	13.910	1849	1857	1872	rBV	569605	851793	46.89%	4.267%

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35	14.098	1887	1889	1890	rBV2	2287	1844	0.10%	0.009%
36	14.133	1890	1895	1903	rVV3	13779	36145	1.99%	0.181%
37	14.216	1903	1909	1924	rVB2	790057	1222629	67.31%	6.125%
38	14.521	1955	1961	1983	rBV3	56245	236304	13.01%	1.184%
39	14.698	1989	1991	1995	rVB4	3383	3445	0.19%	0.017%
40	15.004	2040	2043	2048	rVB	3682	5916	0.33%	0.030%
41	15.063	2048	2053	2056	rBV3	4298	5014	0.28%	0.025%
42	15.221	2074	2080	2092	rVV	697650	1079676	59.44%	5.409%
43	15.304	2092	2094	2097	rVB3	2621	2698	0.15%	0.014%
44	15.386	2102	2108	2119	rBV	132718	246759	13.59%	1.236%
45	15.468	2119	2122	2126	rVB3	7749	11058	0.61%	0.055%
46	15.621	2147	2148	2154	rVB	2412	2578	0.14%	0.013%
47	16.004	2210	2213	2218	rVB3	2693	4010	0.22%	0.020%
48	16.398	2277	2280	2287	rVB4	3941	7857	0.43%	0.039%
49	16.533	2299	2303	2308	rBV4	10215	14045	0.77%	0.070%
50	16.627	2315	2319	2322	rBV3	1270	2046	0.11%	0.010%
51	16.774	2342	2344	2347	rBV2	2606	3151	0.17%	0.016%
52	16.886	2360	2363	2367	rBV5	2255	3991	0.22%	0.020%
53	16.980	2372	2379	2388	rBV	927620	1295456	71.32%	6.490%
54	17.080	2390	2396	2407	rBV	693562	1027844	56.59%	5.149%
55	17.362	2442	2444	2450	rBV5	5229	8597	0.47%	0.043%
56	17.651	2490	2493	2495	rBV3	2216	2332	0.13%	0.012%
57	17.751	2504	2510	2516	rBV7	6767	13640	0.75%	0.068%
58	17.874	2526	2531	2540	rBV2	96941	169371	9.32%	0.848%
59	17.951	2542	2544	2547	rVB3	3676	4772	0.26%	0.024%
60	18.086	2565	2567	2570	rVV3	2659	2074	0.11%	0.010%
61	18.157	2573	2579	2582	rBV6	5359	9788	0.54%	0.049%
62	18.251	2593	2595	2597	rBV2	2161	2231	0.12%	0.011%
63	18.274	2597	2599	2600	rVV2	3130	2595	0.14%	0.013%
64	18.309	2603	2605	2607	rVB3	3229	2303	0.13%	0.012%
65	18.798	2686	2688	2690	rBV2	5189	4100	0.23%	0.021%
66	18.974	2716	2718	2721	rBV4	3734	2113	0.12%	0.011%
67	19.027	2724	2727	2729	rBV3	9529	13078	0.72%	0.066%
68	19.104	2738	2740	2743	rBV4	3504	3983	0.22%	0.020%
69	19.168	2747	2751	2756	rBV	33115	52159	2.87%	0.261%
70	19.280	2768	2770	2772	rBV2	6056	4271	0.24%	0.021%
71	19.392	2783	2789	2799	rBV	918047	1231323	67.79%	6.168%

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72	19.627	2825	2829	2835	rBV	79283	111804	6.16%	0.560%
73	20.892	3040	3044	3049	rBV	108091	144191	7.94%	0.722%
74	21.192	3090	3095	3108	rBV	1310992	1765524	97.20%	8.844%
75	22.192	3262	3265	3272	rVB2	131741	167340	9.21%	0.838%
76	22.680	3345	3348	3354	rVB	169862	239802	13.20%	1.201%
77	23.250	3438	3445	3456	rVB3	753372	1687607	92.91%	8.454%
78	23.391	3463	3469	3480	rVB	913572	1816407	100.00%	9.099%
79	23.850	3543	3547	3555	rVB	202213	359028	19.77%	1.799%

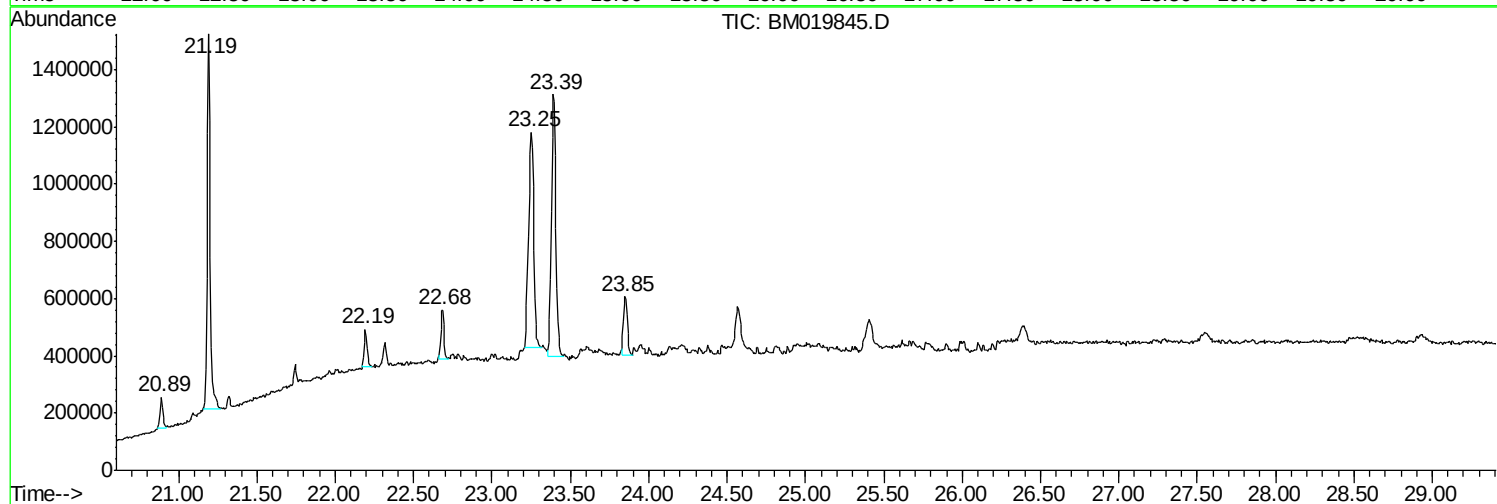
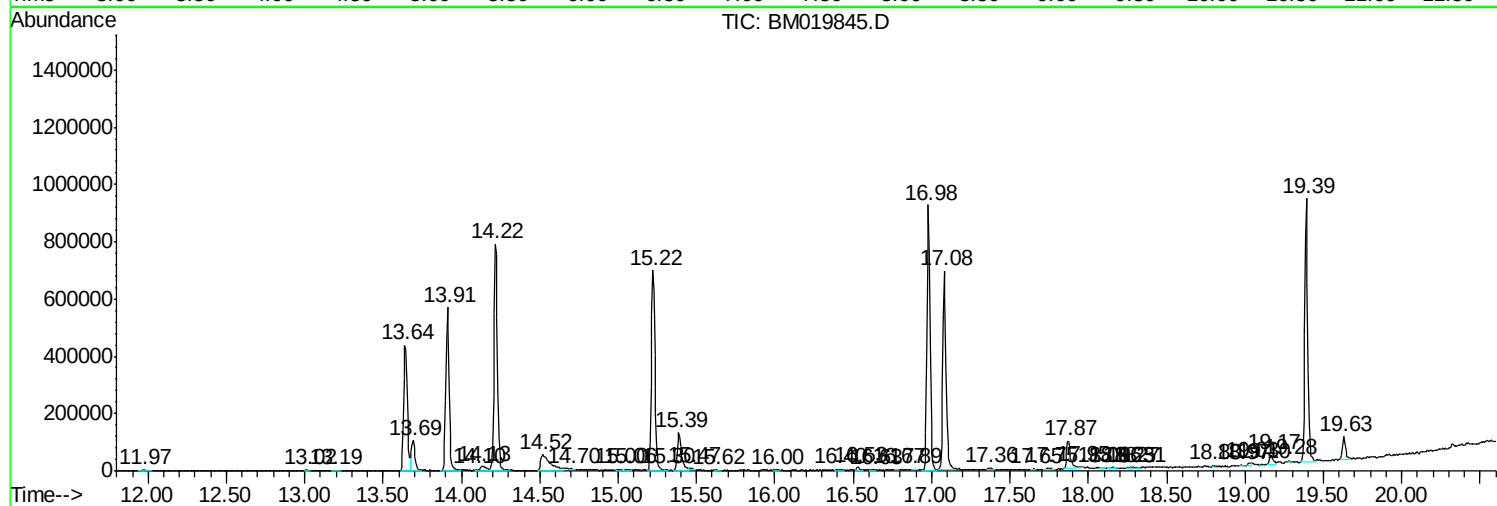
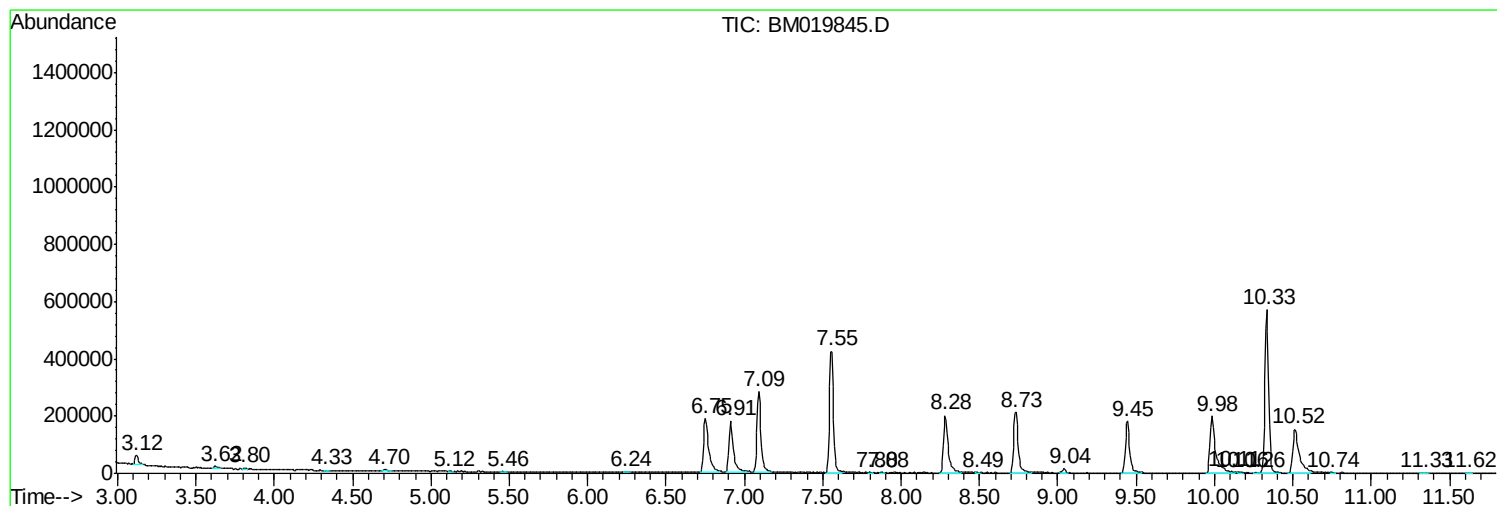
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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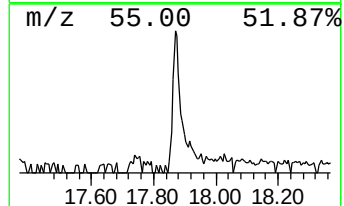
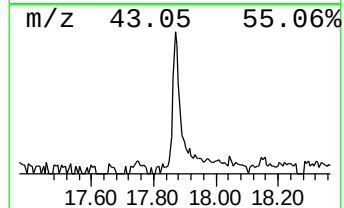
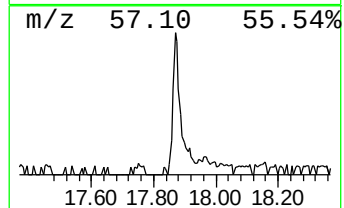
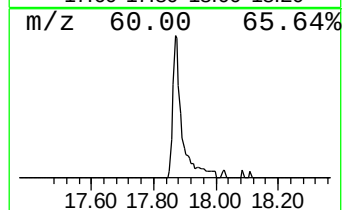
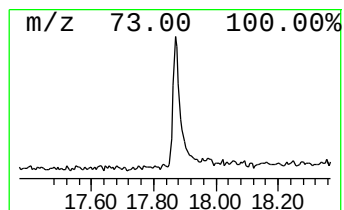
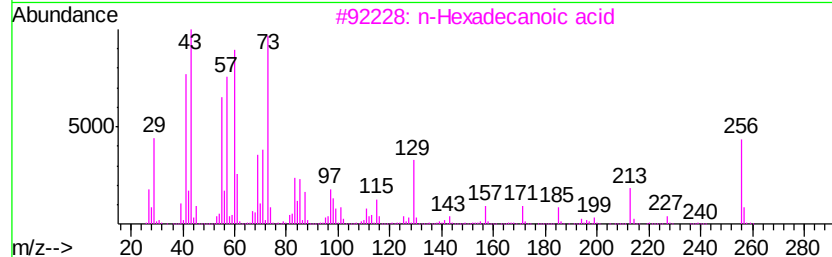
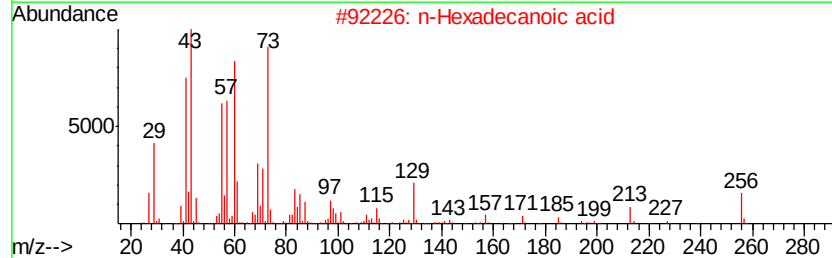
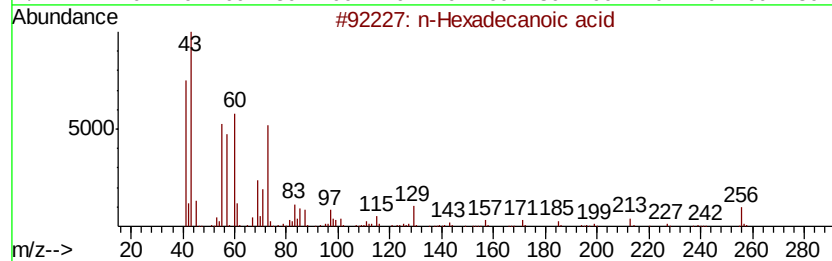
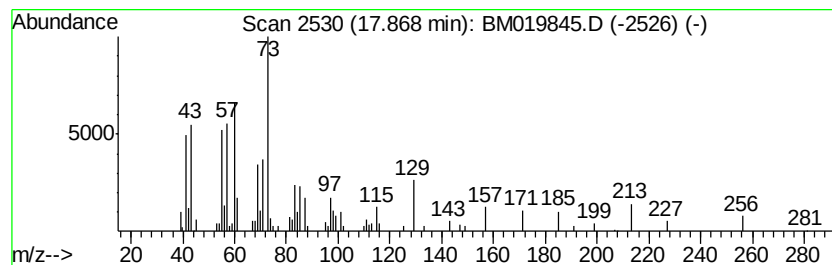
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.61 ng/ul	169371	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	



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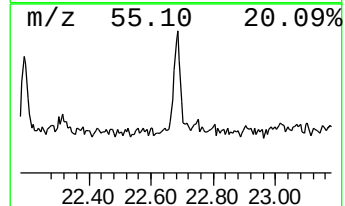
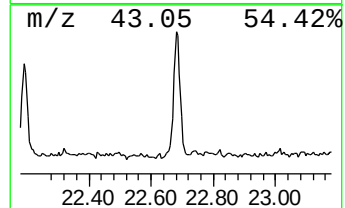
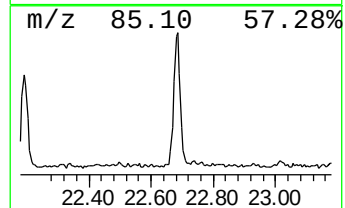
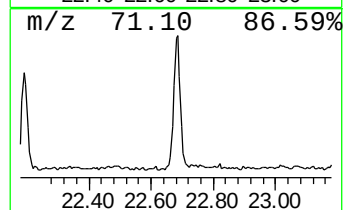
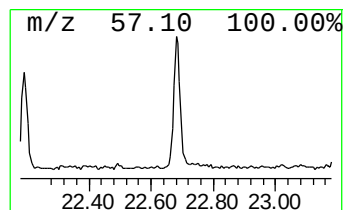
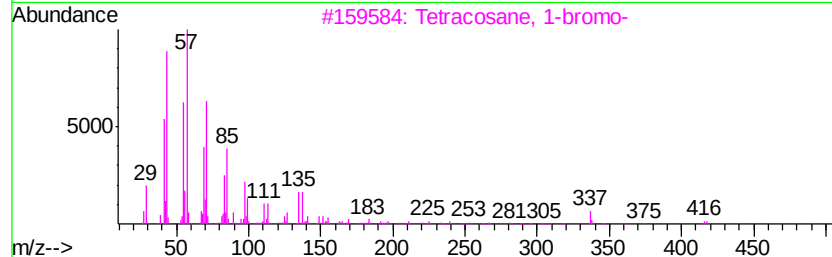
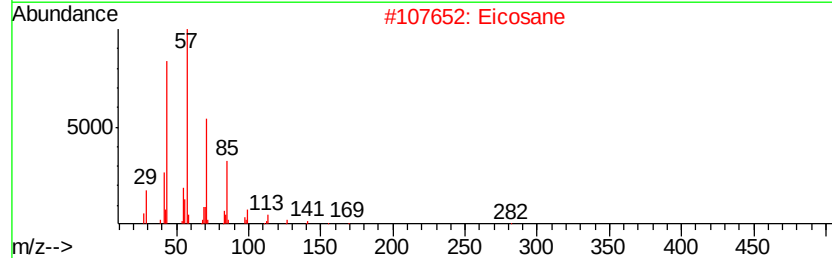
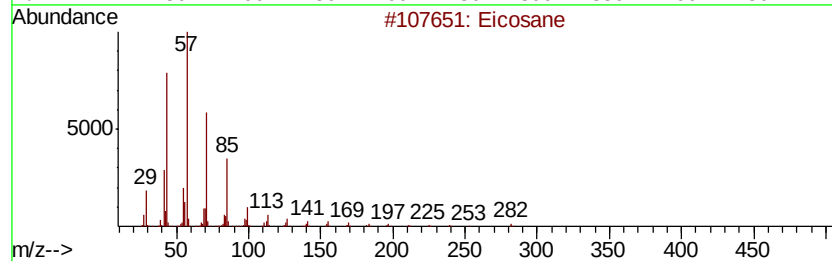
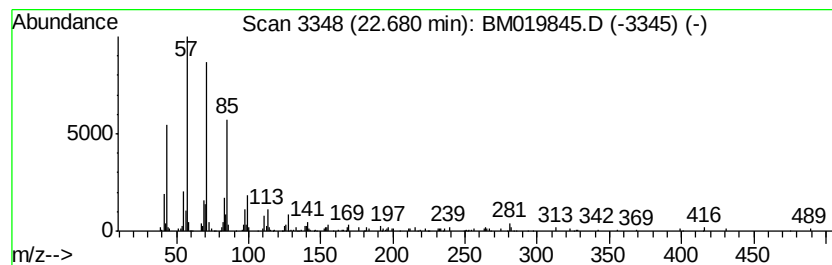
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	2.64 ng/ul	239802	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	93
3		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	90
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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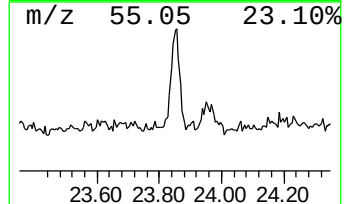
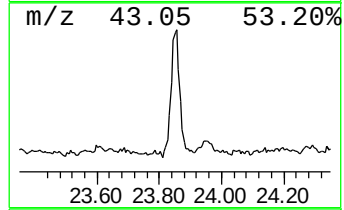
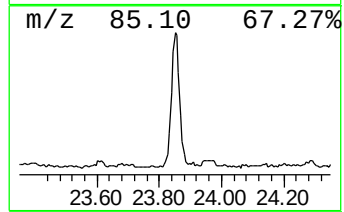
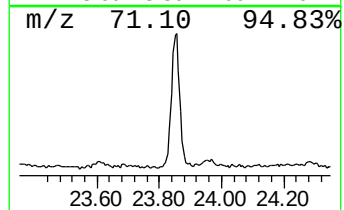
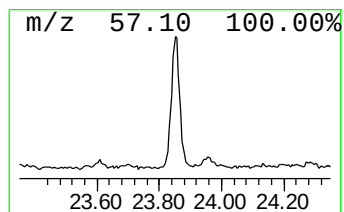
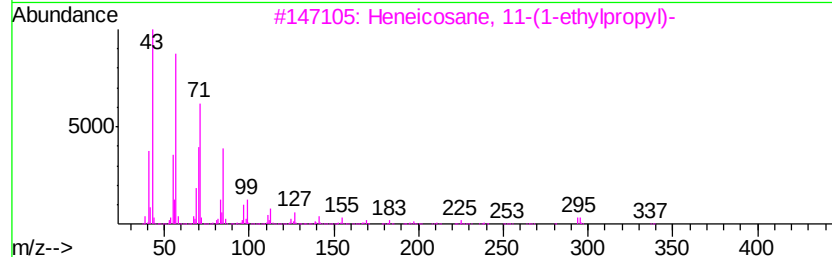
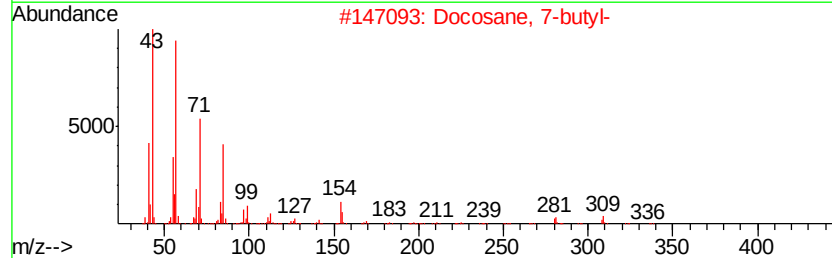
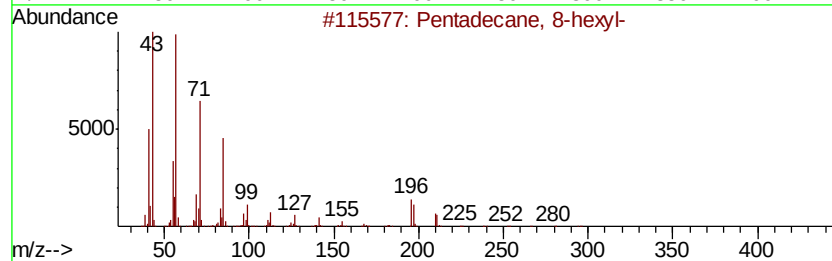
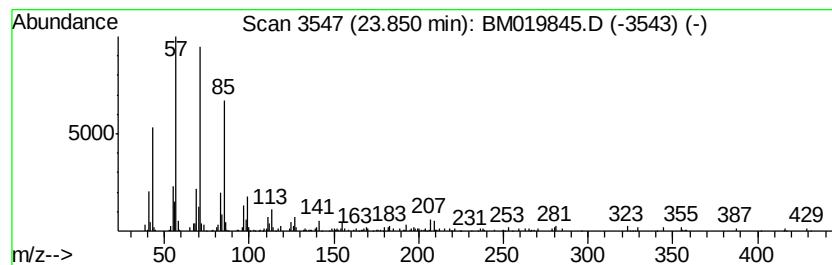
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	3.95 ng/ul	359028	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Docosane, 7-butyl-	366	C26H54	055282-15-0	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Nonacosane	408	C29H60	000630-03-5	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.6	ng/ul	169371	4	16.98	1295460	20.0
(DEL) Alkane: Str...	22.68	2.6	ng/ul	239802	6	23.39	1816410	20.0
(DEL) Alkane: Str...	23.85	4.0	ng/ul	359028	6	23.39	1816410	20.0