

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018194.D
 Acq On : 15 Dec 2018 07:37
 Operator : JU/SJ
 Sample : J6271-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E28

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-BM121318MA.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	3.105	33	37	43	rVB	27365	38642	1.34%	0.115%
2	3.169	45	48	53	rBV6	3132	5344	0.19%	0.016%
3	3.216	53	56	59	rBV4	4023	4041	0.14%	0.012%
4	3.281	63	67	68	rBV3	3345	3201	0.11%	0.010%
5	3.363	79	81	85	rVB4	4577	3966	0.14%	0.012%
6	3.599	116	121	129	rVB2	12289	19850	0.69%	0.059%
7	3.699	133	138	146	rVV	20653	37786	1.31%	0.113%
8	3.793	150	154	160	rVB2	11023	14713	0.51%	0.044%
9	3.899	169	172	177	rVV3	13245	18817	0.65%	0.056%
10	4.163	210	217	221	rVB4	4506	7227	0.25%	0.022%
11	4.205	221	224	229	rVB3	3367	4982	0.17%	0.015%
12	4.334	243	246	251	rVB4	4273	6388	0.22%	0.019%
13	4.546	277	282	285	rBV2	2091	3975	0.14%	0.012%
14	4.675	299	304	313	rBV2	27669	53860	1.87%	0.160%
15	5.940	515	519	524	rVB2	12736	20192	0.70%	0.060%
16	6.393	593	596	602	rVB3	2500	3367	0.12%	0.010%
17	6.634	632	637	642	rBV2	2605	4145	0.14%	0.012%
18	6.710	643	650	665	rBV2	430384	892069	30.98%	2.658%
19	6.816	665	668	670	rVV3	2419	3272	0.11%	0.010%
20	6.863	670	676	688	rVB	366497	565985	19.65%	1.686%
21	7.046	701	707	719	rBV	499887	811870	28.19%	2.419%
22	7.328	751	755	757	rBV3	3074	3124	0.11%	0.009%
23	7.510	780	786	796	rBV	575752	914544	31.76%	2.725%
24	7.581	796	798	802	rVB	3156	3631	0.13%	0.011%
25	8.228	902	908	921	rBV	530094	924858	32.12%	2.756%
26	8.340	926	927	932	rVB2	5959	6131	0.21%	0.018%
27	8.669	974	983	995	rBV	446541	771719	26.80%	2.299%
28	9.045	1041	1047	1053	rVB	15719	22993	0.80%	0.069%
29	9.381	1097	1104	1112	rBV	393557	652405	22.66%	1.944%
30	9.916	1188	1195	1205	rBV	592641	1047568	36.38%	3.121%
31	10.275	1249	1256	1264	rBV	826304	1386289	48.14%	4.131%
32	10.434	1276	1283	1308	rBV	409168	867794	30.13%	2.586%
33	10.592	1308	1310	1312	rVV3	3772	3506	0.12%	0.010%
34	11.898	1530	1532	1535	rVB2	5314	4970	0.17%	0.015%

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35	12.498	1627	1634	1636	rBV	1865	3371	0.12%	0.010%
36	12.757	1675	1678	1681	rBV4	4493	6287	0.22%	0.019%
37	13.592	1813	1820	1824	rBV	1047516	1524960	52.96%	4.544%
38	13.633	1824	1827	1838	rVB	183349	281202	9.76%	0.838%
39	13.857	1858	1865	1880	rBV	1313539	1964412	68.22%	5.853%
40	14.169	1911	1918	1927	rBV2	1174061	1819260	63.18%	5.421%
41	14.422	1955	1961	1974	rBV	252419	583286	20.26%	1.738%
42	14.622	1991	1995	2004	rVB5	25672	47951	1.67%	0.143%
43	14.869	2032	2037	2040	rVB3	2218	3512	0.12%	0.010%
44	14.974	2052	2055	2058	rBV3	3022	3178	0.11%	0.009%
45	15.027	2060	2064	2072	rVB6	4538	7576	0.26%	0.023%
46	15.174	2082	2089	2098	rBV	1545977	2302382	79.95%	6.860%
47	15.245	2098	2101	2104	rVB2	5768	7299	0.25%	0.022%
48	15.327	2110	2115	2125	rBV	137031	214285	7.44%	0.638%
49	15.416	2125	2130	2139	rVB3	20050	34301	1.19%	0.102%
50	15.863	2200	2206	2209	rVV5	3661	6832	0.24%	0.020%
51	15.910	2209	2214	2220	rVV4	7823	18496	0.64%	0.055%
52	15.957	2220	2222	2225	rVV3	3627	3966	0.14%	0.012%
53	16.080	2241	2243	2246	rBV3	3981	3586	0.12%	0.011%
54	16.210	2262	2265	2267	rBV	3652	3148	0.11%	0.009%
55	16.298	2278	2280	2283	rBV2	3554	3878	0.13%	0.012%
56	16.421	2297	2301	2304	rVB4	4048	3736	0.13%	0.011%
57	16.486	2310	2312	2314	rBV2	3051	3663	0.13%	0.011%
58	16.533	2318	2320	2323	rVB3	4579	3732	0.13%	0.011%
59	16.704	2344	2349	2350	rBV2	6344	10660	0.37%	0.032%
60	16.721	2350	2352	2353	rVV2	5732	4168	0.14%	0.012%
61	16.739	2353	2355	2357	rVB2	4210	4826	0.17%	0.014%
62	16.845	2369	2373	2377	rBV4	25600	38090	1.32%	0.113%
63	16.927	2380	2387	2393	rBV2	1446273	2051448	71.24%	6.113%
64	17.027	2398	2404	2416	rVV	1728655	2389466	82.98%	7.120%
65	17.121	2416	2420	2423	rVB4	7539	10729	0.37%	0.032%
66	17.157	2423	2426	2427	rBV3	3204	2961	0.10%	0.009%
67	17.227	2433	2438	2442	rBV4	29302	63099	2.19%	0.188%
68	17.327	2453	2455	2457	rBV3	8549	5273	0.18%	0.016%
69	17.374	2462	2463	2465	rVB2	5332	3414	0.12%	0.010%
70	17.392	2465	2466	2468	rBV2	5063	4396	0.15%	0.013%
71	17.427	2470	2472	2474	rVB3	4037	3071	0.11%	0.009%

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72	17.533	2488	2490	2493	rVB4	3520	3302	0.11%	0.010%
73	17.557	2493	2494	2496	rBV2	5170	4080	0.14%	0.012%
74	17.615	2502	2504	2508	rVB4	6955	5247	0.18%	0.016%
75	17.721	2513	2522	2526	rBV8	18261	42129	1.46%	0.126%
76	17.780	2528	2532	2534	rBV5	16070	21836	0.76%	0.065%
77	17.839	2537	2542	2550	rBV	412280	594710	20.65%	1.772%
78	18.115	2587	2589	2590	rBV2	4827	3788	0.13%	0.011%
79	18.133	2590	2592	2593	rVV2	13744	11231	0.39%	0.033%
80	18.174	2597	2599	2601	rVB3	11874	11626	0.40%	0.035%
81	18.333	2623	2626	2631	rBV6	9075	13677	0.47%	0.041%
82	18.474	2648	2650	2652	rBV2	7547	6482	0.23%	0.019%
83	18.621	2671	2675	2678	rBV6	9480	13509	0.47%	0.040%
84	18.733	2692	2694	2698	rVB5	12894	13428	0.47%	0.040%
85	18.886	2715	2720	2725	rBV3	27619	48017	1.67%	0.143%
86	18.998	2732	2739	2744	rBV	315292	507988	17.64%	1.514%
87	19.133	2758	2762	2769	rBV2	184890	299552	10.40%	0.893%
88	19.339	2791	2797	2806	rBV2	1881275	2879703	100.00%	8.580%
89	19.704	2855	2859	2863	rBV4	31609	66433	2.31%	0.198%
90	20.868	3053	3057	3064	rVB2	543486	685975	23.82%	2.044%
91	21.145	3098	3104	3108	rBV2	1603408	2365026	82.13%	7.047%
92	23.174	3444	3449	3455	rBV	1004438	1812186	62.93%	5.400%
93	23.309	3468	3472	3478	rVB2	922246	1572175	54.60%	4.684%

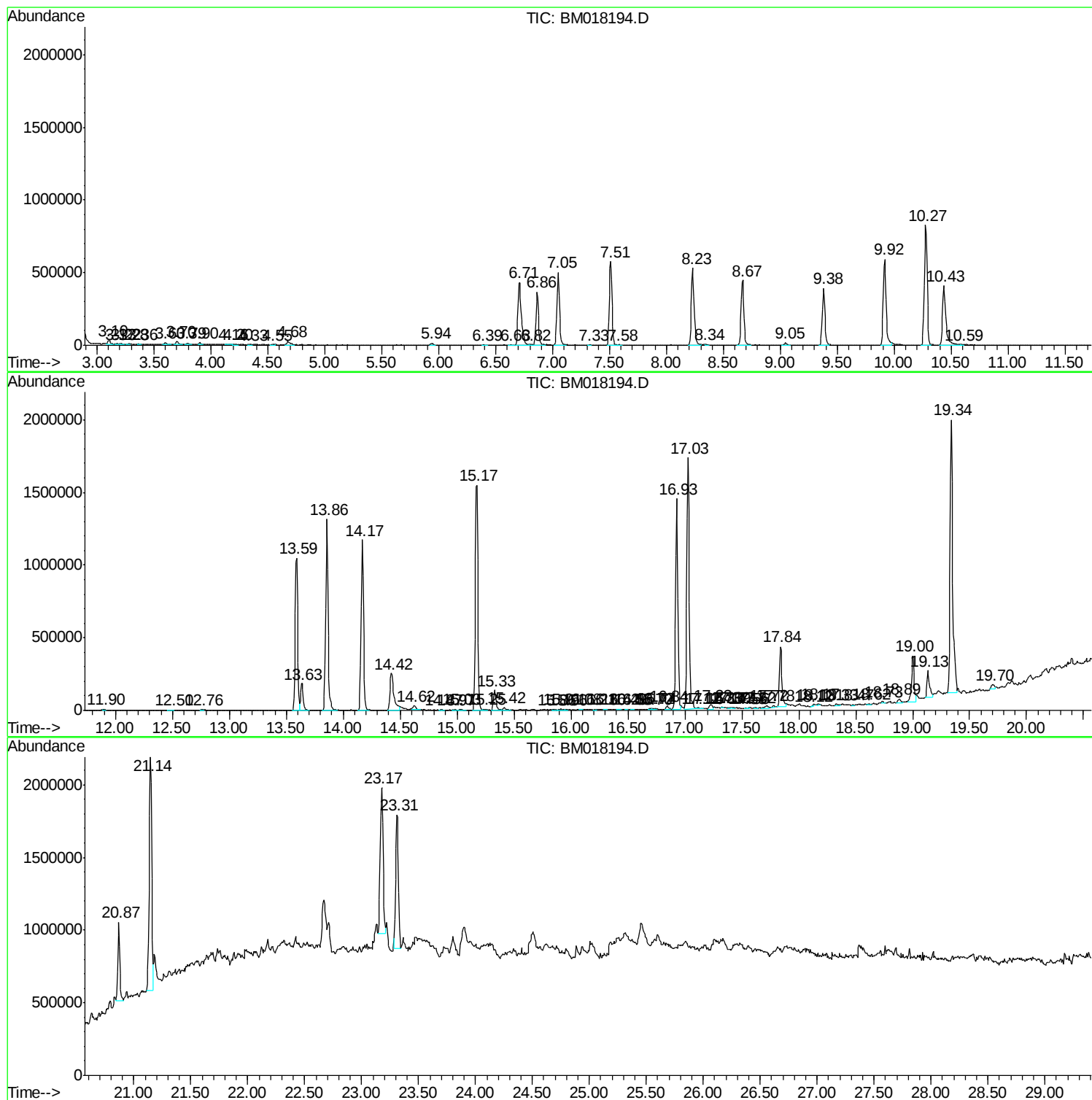
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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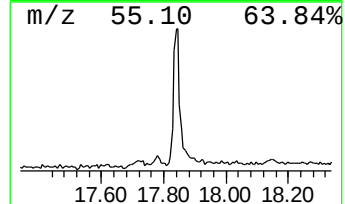
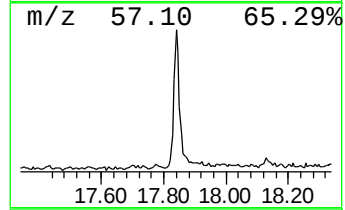
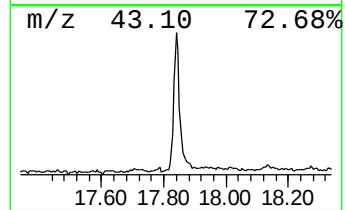
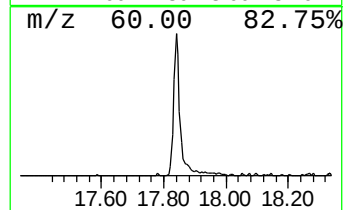
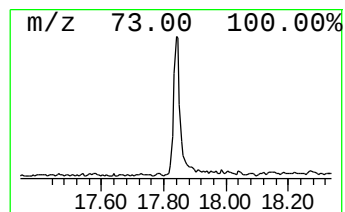
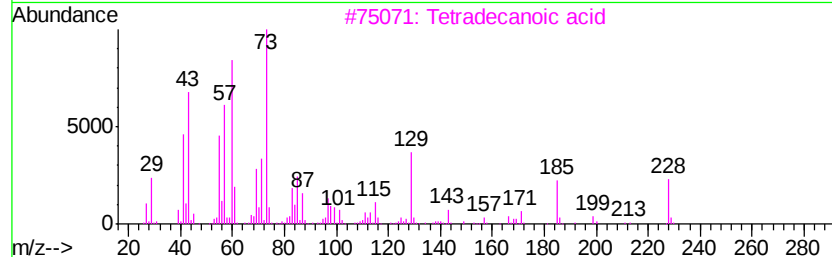
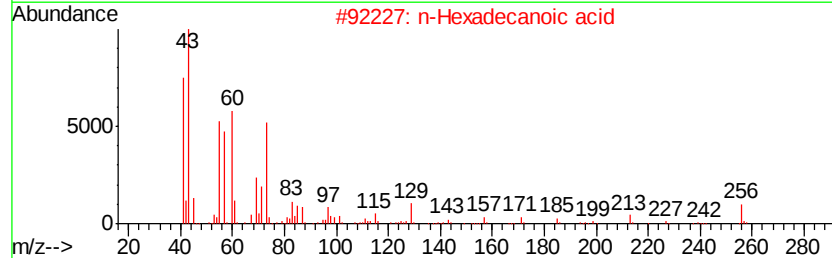
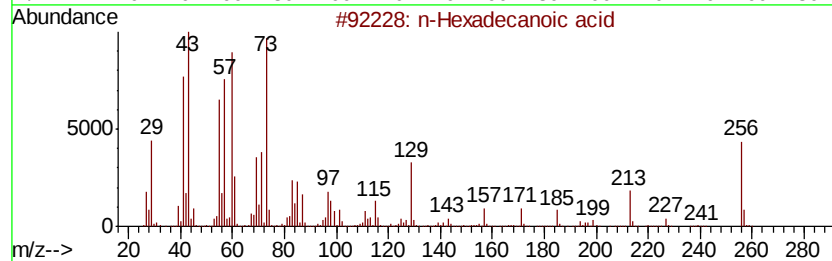
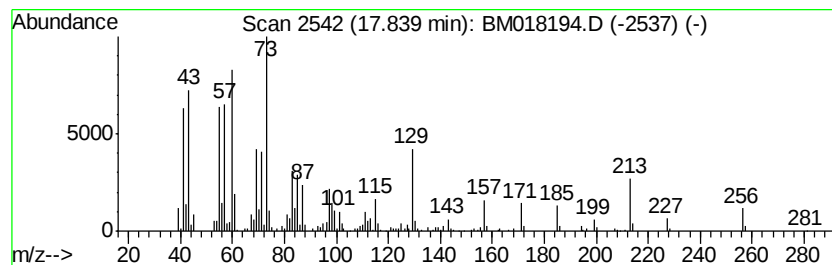
Instrument :
BNA_M
ClientSampleId :
F9E28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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.		
17.84	5.80 ng/ul	594710	Phenanthrene-d10	16.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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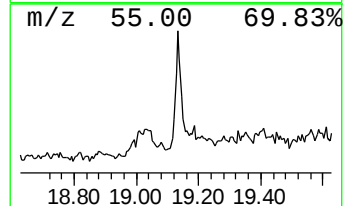
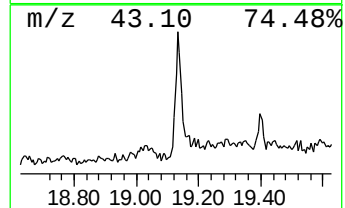
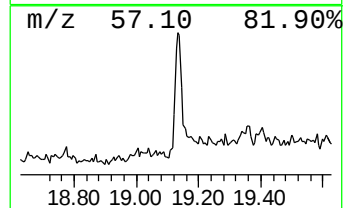
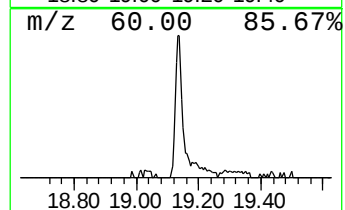
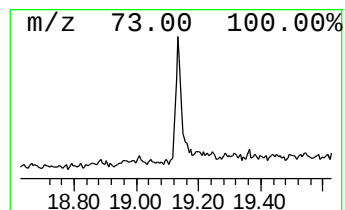
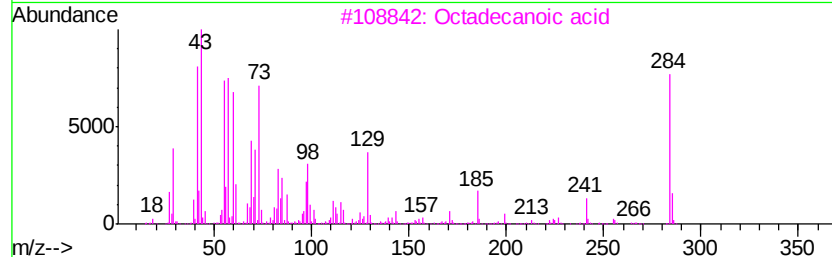
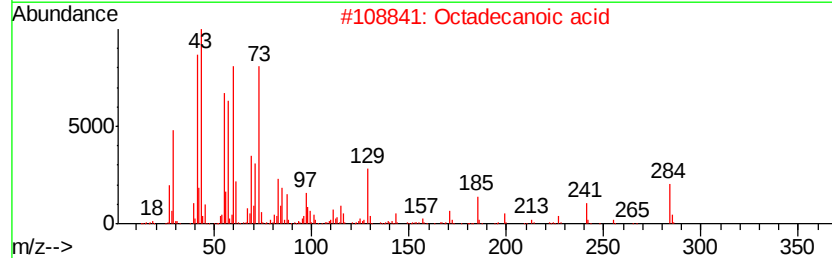
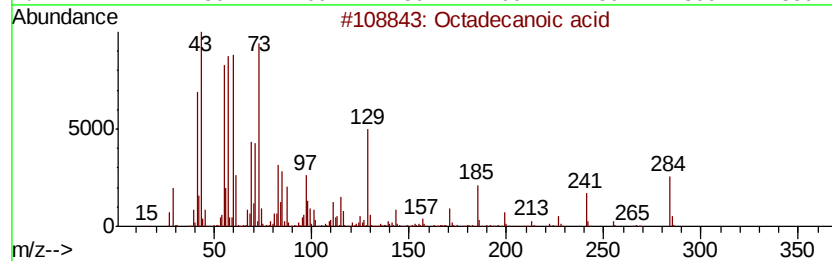
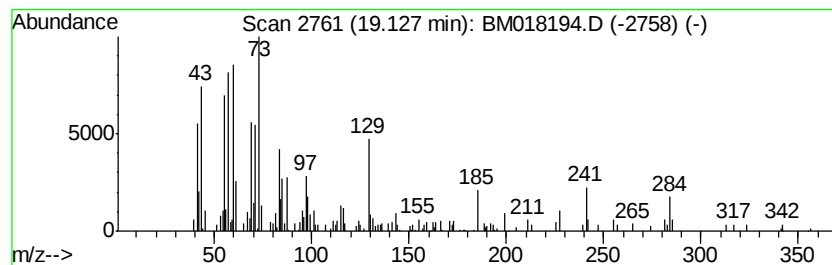
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.53 ng/ul	299552	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	45	



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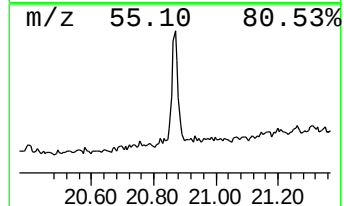
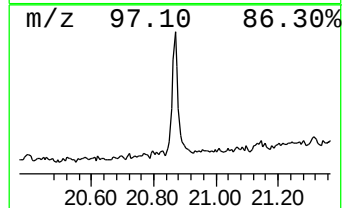
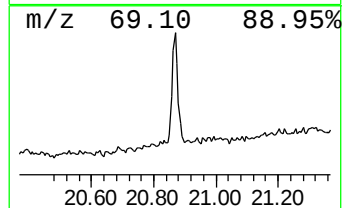
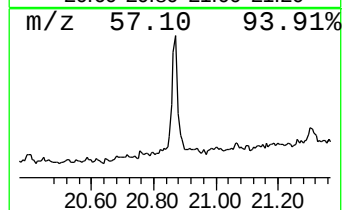
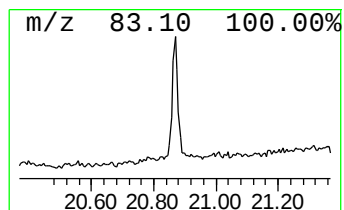
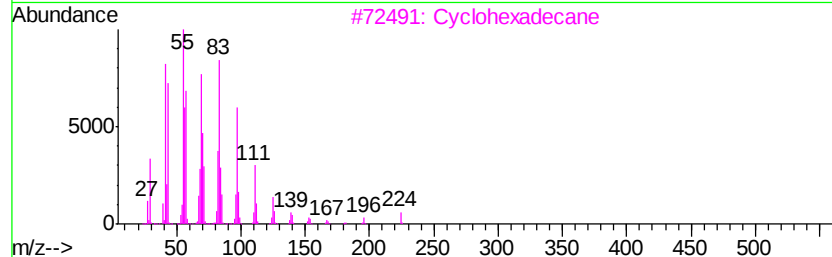
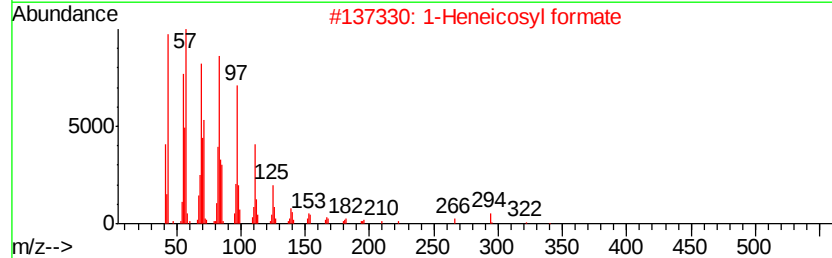
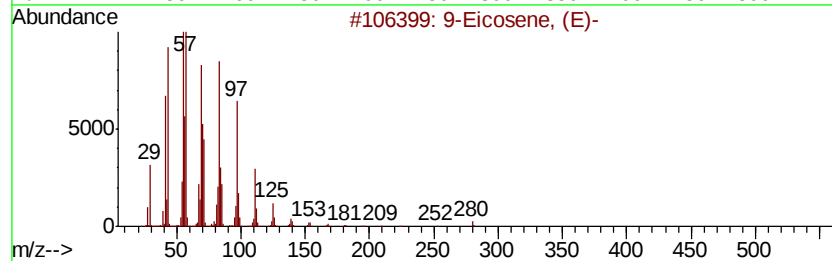
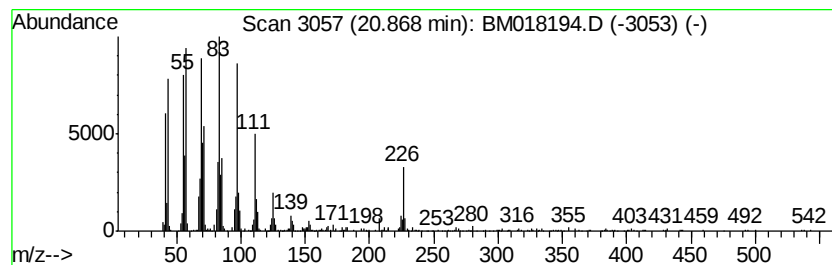
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.80 ng/ul	685975	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Cyclohexadecane	224	C16H32	000295-65-8	94
4		Z-8-Hexadecene	224	C16H32	1000130-87-5	92
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	5.8	ng/ul	594710	4	16.93	2051450	20.0
Octadecanoic acid	19.13	2.5	ng/ul	299552	5	21.14	2365030	20.0
(DEL) Alkane: Cyc...	20.87	5.8	ng/ul	685975	5	21.14	2365030	20.0