

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027494.D
 Acq On : 17 Jun 2017 5:57
 Operator : SJ/MA
 Sample : I3600-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A11

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	3.949	8	10	15	rVB3	1540	2114	0.12%	0.012%
2	4.084	27	33	39	rVB	11479	19615	1.15%	0.112%
3	5.571	281	286	289	rBV3	1206	2225	0.13%	0.013%
4	5.794	315	324	328	rVB4	978	2701	0.16%	0.015%
5	5.929	341	347	359	rBV4	2235	5644	0.33%	0.032%
6	6.746	478	486	490	rBV4	1899	4657	0.27%	0.026%
7	7.451	599	606	619	rBV5	4655	10725	0.63%	0.061%
8	7.656	631	641	653	rBV	50504	101144	5.95%	0.575%
9	7.744	653	656	663	rVB4	1012	1875	0.11%	0.011%
10	7.833	663	671	683	rBV	174820	305278	17.95%	1.735%
11	7.927	684	687	695	rVB5	1490	2858	0.17%	0.016%
12	8.056	699	709	717	rBV	165817	305304	17.95%	1.736%
13	8.120	717	720	724	rVB4	1623	2226	0.13%	0.013%
14	8.520	778	788	802	rVB	175270	322420	18.96%	1.833%
15	8.861	844	846	856	rVB5	1277	2639	0.16%	0.015%
16	9.196	892	903	914	rVB	141367	256822	15.10%	1.460%
17	9.284	914	918	926	rBV4	836	2162	0.13%	0.012%
18	9.442	939	945	951	rBV4	887	2338	0.14%	0.013%
19	9.683	975	986	993	rBV	206188	394293	23.19%	2.242%
20	9.742	993	996	1004	rVV3	8010	13263	0.78%	0.075%
21	9.818	1004	1009	1018	rVB6	2872	4491	0.26%	0.026%
22	10.048	1041	1048	1054	rBV6	1118	2012	0.12%	0.011%
23	10.406	1100	1109	1120	rVB	168170	323151	19.00%	1.837%
24	10.941	1190	1200	1213	rVB	268667	503318	29.60%	2.861%
25	11.111	1223	1229	1231	rBV4	1758	2123	0.12%	0.012%
26	11.258	1251	1254	1258	rVB4	1306	1893	0.11%	0.011%
27	11.340	1258	1268	1277	rVV	288780	549969	32.34%	3.127%
28	12.192	1408	1413	1421	rVB4	1214	2481	0.15%	0.014%
29	12.768	1505	1511	1515	rBV6	1444	2256	0.13%	0.013%
30	12.880	1524	1530	1535	rVB3	4195	7778	0.46%	0.044%
31	13.150	1569	1576	1583	rVB5	1667	3826	0.22%	0.022%
32	13.455	1624	1628	1634	rVB4	5069	6937	0.41%	0.039%
33	13.702	1663	1670	1676	rBV5	5821	10682	0.63%	0.061%
34	13.867	1692	1698	1701	rBV2	1225	2725	0.16%	0.015%

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35	14.037	1721	1727	1729	rVB4	1225	2295	0.13%	0.013%
36	14.489	1797	1804	1809	rBV	597581	916695	53.90%	5.211%
37	14.536	1809	1812	1820	rVB	197220	272339	16.01%	1.548%
38	14.801	1848	1857	1866	rVB	586419	987756	58.08%	5.615%
39	14.965	1880	1885	1890	rVB3	2137	3812	0.22%	0.022%
40	15.106	1901	1909	1918	rVV2	479927	816405	48.01%	4.641%
41	15.271	1931	1937	1950	rBV	49695	97257	5.72%	0.553%
42	15.465	1964	1970	1974	rBV6	3633	6961	0.41%	0.040%
43	15.559	1983	1986	1993	rVB4	1359	2524	0.15%	0.014%
44	15.641	1994	2000	2006	rVB6	2251	4223	0.25%	0.024%
45	15.864	2034	2038	2040	rBV	3276	3460	0.20%	0.020%
46	15.900	2040	2044	2052	rVB2	7826	12195	0.72%	0.069%
47	16.041	2060	2068	2070	rBV2	8530	10894	0.64%	0.062%
48	16.093	2070	2077	2086	rVB	844357	1340534	78.83%	7.621%
49	16.193	2086	2094	2104	rBV	298834	471897	27.75%	2.683%
50	16.334	2107	2118	2125	rBV8	8911	20307	1.19%	0.115%
51	16.405	2128	2130	2134	rVB4	2789	3010	0.18%	0.017%
52	16.458	2135	2139	2144	rVB3	1913	3164	0.19%	0.018%
53	16.522	2148	2150	2155	rVB4	2126	2339	0.14%	0.013%
54	16.716	2178	2183	2186	rBV6	1443	2372	0.14%	0.013%
55	16.769	2186	2192	2203	rVV3	20508	42876	2.52%	0.244%
56	16.922	2214	2218	2220	rBV5	1715	2110	0.12%	0.012%
57	16.957	2222	2224	2233	rVB8	3180	6086	0.36%	0.035%
58	17.110	2245	2250	2257	rBV6	3089	4775	0.28%	0.027%
59	17.204	2257	2266	2268	rBV7	3377	6695	0.39%	0.038%
60	17.280	2273	2279	2286	rVB5	3011	7679	0.45%	0.044%
61	17.339	2286	2289	2295	rBV3	3333	5954	0.35%	0.034%
62	17.433	2301	2305	2306	rBV4	1973	2061	0.12%	0.012%
63	17.556	2319	2326	2331	rBV	13722	21718	1.28%	0.123%
64	17.615	2333	2336	2338	rBV3	2878	2870	0.17%	0.016%
65	17.721	2348	2354	2356	rBV5	3214	5491	0.32%	0.031%
66	17.856	2370	2377	2386	rVV	644982	1021095	60.04%	5.805%
67	17.956	2386	2394	2403	rVV	901900	1459067	85.80%	8.295%
68	18.038	2404	2408	2413	rVB8	2298	3363	0.20%	0.019%
69	18.173	2427	2431	2436	rBV7	3059	5798	0.34%	0.033%
70	18.226	2438	2440	2447	rVB6	3434	4991	0.29%	0.028%
71	18.297	2447	2452	2459	rBV5	6652	12382	0.73%	0.070%

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72	18.414	2469	2472	2474	rBV4	1709	2295	0.13%	0.013%
73	18.473	2480	2482	2490	rVB7	2852	3892	0.23%	0.022%
74	18.573	2494	2499	2508	rBV9	2462	5831	0.34%	0.033%
75	18.696	2513	2520	2544	rBV	115295	256321	15.07%	1.457%
76	18.978	2566	2568	2573	rBV5	2400	3725	0.22%	0.021%
77	19.072	2583	2584	2588	rBV4	2429	2823	0.17%	0.016%
78	19.125	2589	2593	2595	rVB4	3007	3494	0.21%	0.020%
79	19.213	2604	2608	2616	rVB4	3945	8855	0.52%	0.050%
80	19.301	2622	2623	2627	rBV4	3608	4327	0.25%	0.025%
81	19.354	2627	2632	2635	rVV6	4776	7625	0.45%	0.043%
82	19.566	2665	2668	2670	rVB3	3267	3241	0.19%	0.018%
83	19.607	2673	2675	2678	rBV4	2656	2887	0.17%	0.016%
84	19.766	2698	2702	2705	rBV6	4523	3856	0.23%	0.022%
85	19.848	2705	2716	2723	rVV7	20361	65658	3.86%	0.373%
86	19.954	2728	2734	2750	rBV2	112364	228357	13.43%	1.298%
87	20.118	2756	2762	2768	rVB3	11086	21700	1.28%	0.123%
88	20.224	2773	2780	2789	rVB	1105525	1700602	100.00%	9.668%
89	20.430	2813	2815	2822	rBV7	4434	9105	0.54%	0.052%
90	21.793	3040	3047	3050	rBV9	19009	40729	2.39%	0.232%
91	22.227	3113	3121	3129	rBV	590984	1146838	67.44%	6.520%
92	23.074	3263	3265	3269	rVB5	8479	7684	0.45%	0.044%
93	23.855	3393	3398	3403	rVB4	15237	30413	1.79%	0.173%
94	24.078	3431	3436	3444	rVB2	28308	62999	3.70%	0.358%
95	24.777	3548	3555	3563	rVB3	22412	52440	3.08%	0.298%
96	25.629	3688	3700	3716	rBV2	502034	1600353	94.11%	9.098%
97	25.882	3731	3743	3760	rVB3	346913	1230591	72.36%	6.996%
98	27.157	3952	3960	3975	rVB5	31893	115950	6.82%	0.659%
99	28.720	4215	4226	4240	rVB3	28384	112371	6.61%	0.639%
100	30.606	4537	4547	4563	rVB8	20089	76144	4.48%	0.433%

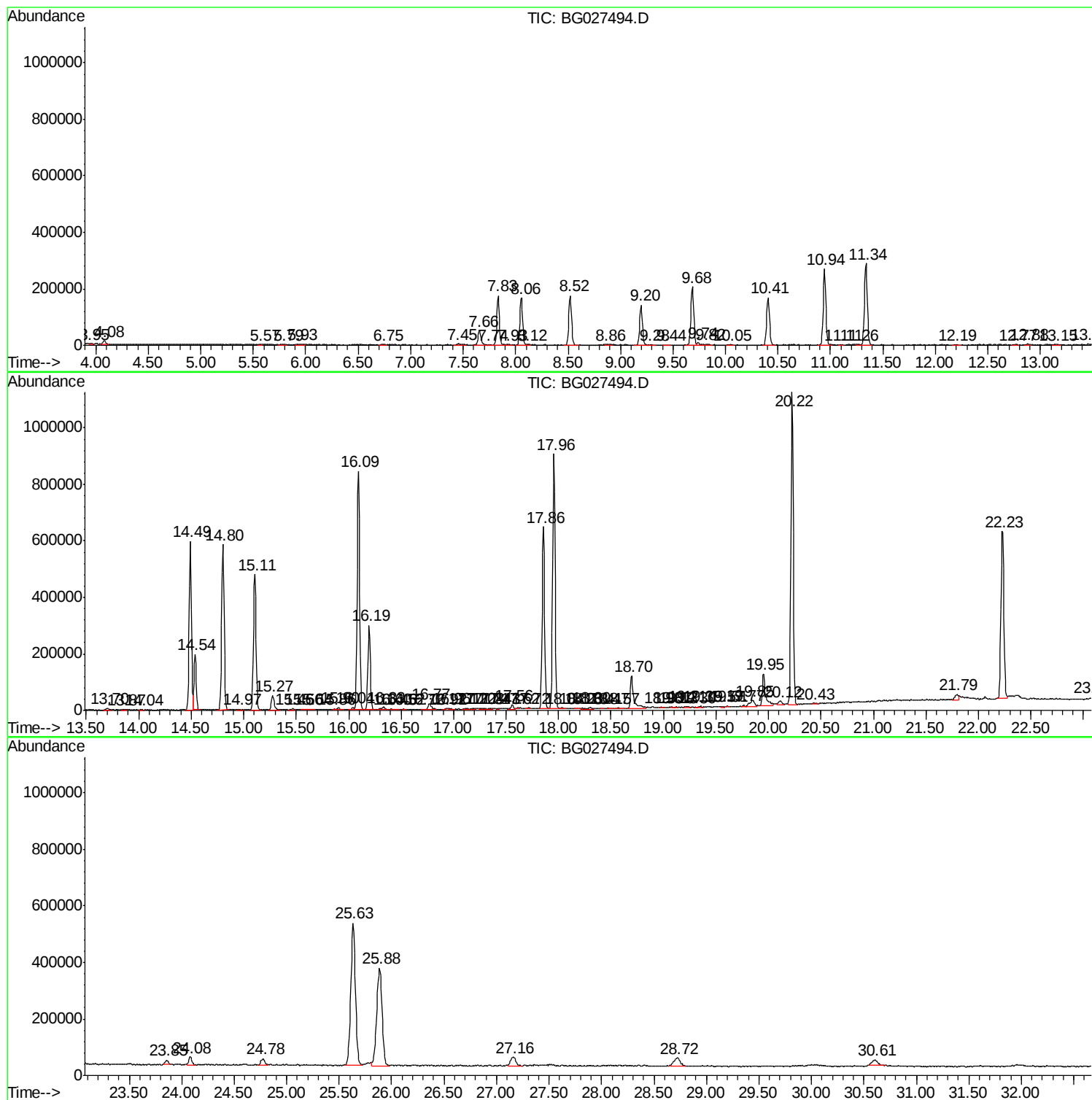
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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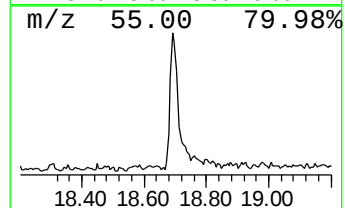
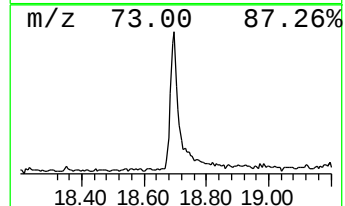
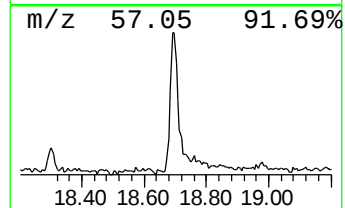
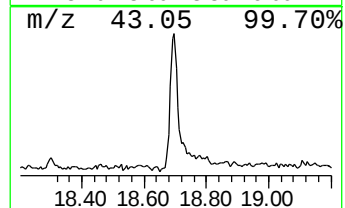
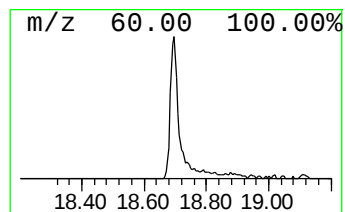
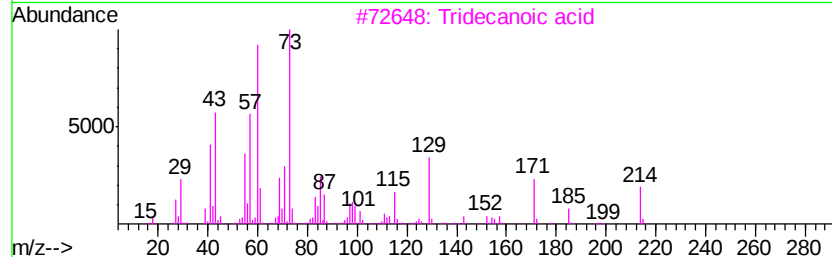
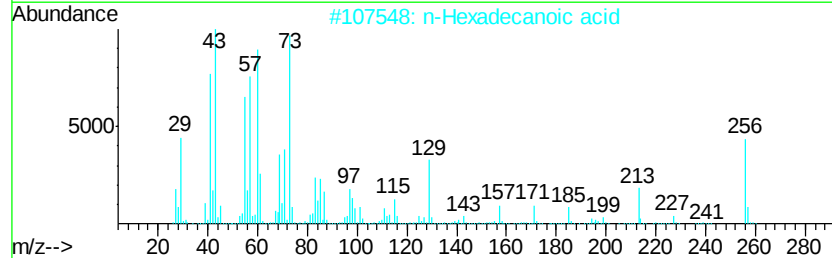
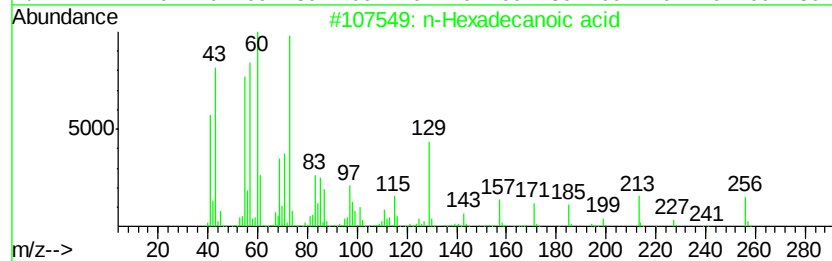
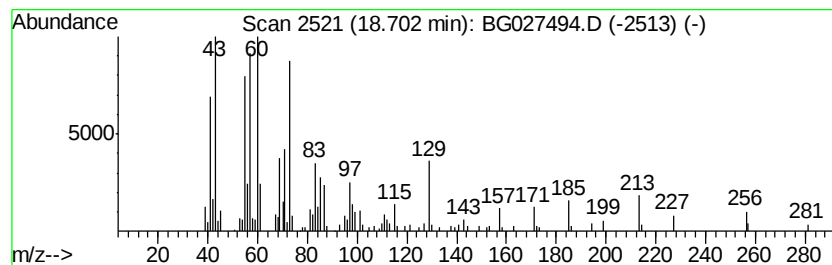
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.70	5.02 ng/ul	256321	Phenanthrene-d10	17.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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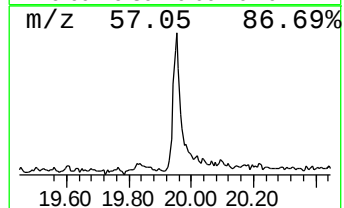
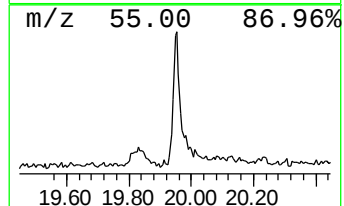
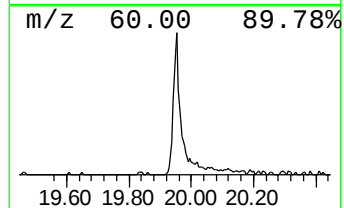
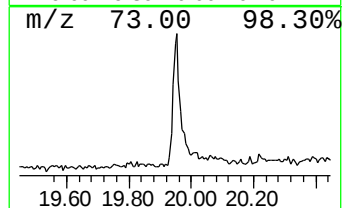
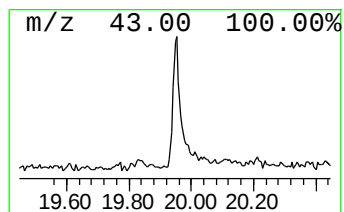
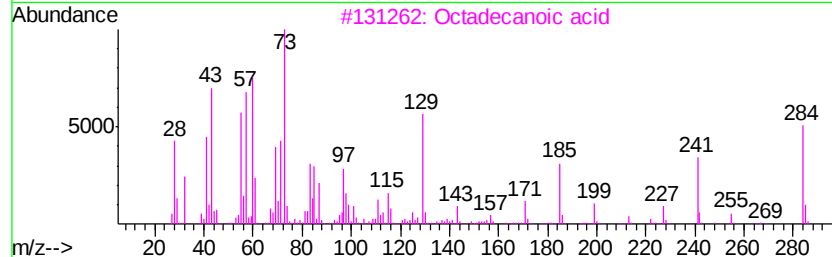
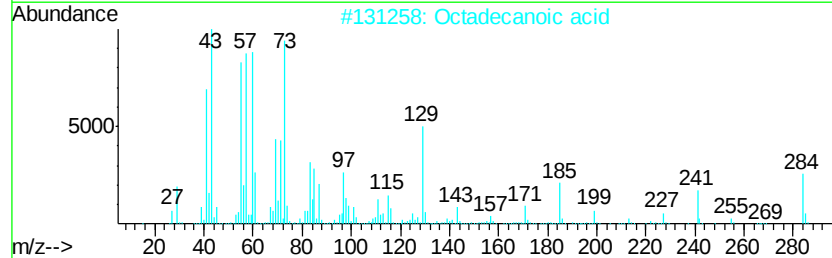
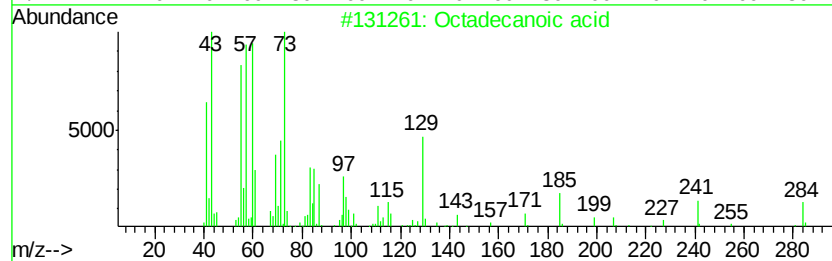
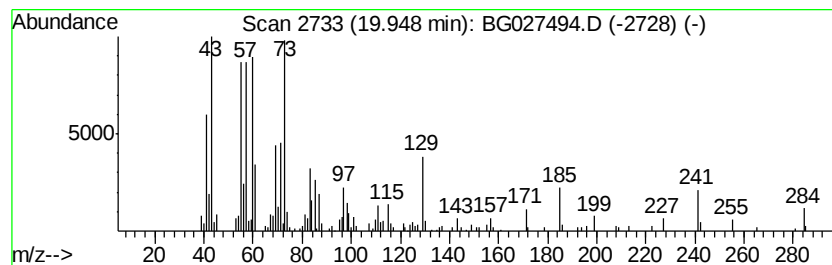
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	4.47 ng/ul	228357	Phenanthrene-d10	17.86

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	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.70	5.0	ng/ul	256321	4	17.86	1021100	20.0
Octadecanoic acid	19.95	4.5	ng/ul	228357	4	17.86	1021100	20.0