

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019881.D
 Acq On : 11 Apr 2019 02:28
 Operator : JU/SJ
 Sample : K2255-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC48

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	28	rVB	22453	32854	1.82%	0.226%
2	3.616	104	107	116	rBV	19930	28499	1.58%	0.196%
3	3.869	148	150	154	rBV3	2645	2808	0.16%	0.019%
4	3.934	159	161	164	rBV4	2574	3638	0.20%	0.025%
5	4.322	225	227	230	rBV3	2166	2253	0.13%	0.015%
6	4.369	233	235	237	rVB3	2715	2582	0.14%	0.018%
7	4.599	272	274	277	rBV3	2608	3689	0.20%	0.025%
8	5.275	387	389	393	rBV3	2161	2654	0.15%	0.018%
9	5.404	409	411	415	rBV2	1758	1957	0.11%	0.013%
10	5.722	461	465	467	rBV4	1812	2293	0.13%	0.016%
11	5.857	486	488	493	rVB3	2020	2680	0.15%	0.018%
12	6.757	633	641	655	rBV	93091	230312	12.78%	1.582%
13	6.910	661	667	681	rBV	93616	189670	10.52%	1.303%
14	7.093	692	698	712	rVV	150998	275096	15.26%	1.889%
15	7.181	712	713	717	rVB3	2617	3079	0.17%	0.021%
16	7.440	756	757	762	rVB2	1836	1905	0.11%	0.013%
17	7.551	769	776	792	rBV	488684	832780	46.21%	5.719%
18	7.787	814	816	821	rBV4	1660	2073	0.12%	0.014%
19	8.281	894	900	911	rBV	93935	215450	11.95%	1.480%
20	8.728	970	976	992	rBV	108356	230895	12.81%	1.586%
21	9.034	1023	1028	1031	rBV2	4442	6838	0.38%	0.047%
22	9.439	1091	1097	1114	rBV	91299	185921	10.32%	1.277%
23	9.563	1114	1118	1120	rVB	1877	1978	0.11%	0.014%
24	9.986	1184	1190	1208	rBV2	80908	255515	14.18%	1.755%
25	10.181	1221	1223	1226	rVB4	2487	2046	0.11%	0.014%
26	10.328	1241	1248	1264	rBV	650853	1101895	61.14%	7.567%
27	10.528	1273	1282	1307	rBV2	37428	133507	7.41%	0.917%
28	11.945	1517	1523	1528	rBV4	2503	4253	0.24%	0.029%
29	12.516	1615	1620	1621	rBV2	3271	3965	0.22%	0.027%
30	12.933	1688	1691	1695	rVB2	5162	6217	0.34%	0.043%
31	12.998	1698	1702	1707	rVB4	2246	4356	0.24%	0.030%
32	13.086	1713	1717	1723	rVB4	3494	5984	0.33%	0.041%
33	13.498	1780	1787	1791	rBV2	19705	26050	1.45%	0.179%
34	13.639	1804	1811	1815	rBV	264615	407920	22.63%	2.801%

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35	13.686	1815	1819	1828	rVB	73297	128279	7.12%	0.881%
36	13.792	1835	1837	1841	rVB2	1878	2304	0.13%	0.016%
37	13.904	1850	1856	1867	rVB	312868	475948	26.41%	3.269%
38	14.092	1882	1888	1892	rVB3	2581	3503	0.19%	0.024%
39	14.216	1902	1909	1921	rBV2	785256	1258131	69.81%	8.640%
40	14.292	1921	1922	1926	rVB	4840	3986	0.22%	0.027%
41	14.545	1957	1965	1966	rBV2	16199	21527	1.19%	0.148%
42	14.645	1978	1982	1995	rVB	68722	114935	6.38%	0.789%
43	14.786	2004	2006	2007	rVB2	2843	1883	0.10%	0.013%
44	14.998	2039	2042	2046	rVB3	3472	4315	0.24%	0.030%
45	15.051	2049	2051	2056	rVB3	4678	5132	0.28%	0.035%
46	15.104	2058	2060	2063	rBV2	2650	3232	0.18%	0.022%
47	15.216	2072	2079	2090	rBV	404351	626675	34.77%	4.304%
48	15.286	2090	2091	2095	rVB2	3488	3659	0.20%	0.025%
49	15.392	2104	2109	2117	rBV	33142	64554	3.58%	0.443%
50	15.451	2117	2119	2124	rVB5	7174	8944	0.50%	0.061%
51	15.580	2139	2141	2146	rBV4	1206	2262	0.13%	0.016%
52	15.780	2172	2175	2176	rBV3	2289	2397	0.13%	0.016%
53	15.798	2176	2178	2180	rVB3	3804	3072	0.17%	0.021%
54	15.921	2194	2199	2203	rBV5	6162	10201	0.57%	0.070%
55	15.986	2208	2210	2214	rVV4	3404	3434	0.19%	0.024%
56	16.057	2218	2222	2224	rBV4	2669	3026	0.17%	0.021%
57	16.092	2225	2228	2230	rVV4	3468	3506	0.19%	0.024%
58	16.110	2230	2231	2234	rVB3	2779	2306	0.13%	0.016%
59	16.245	2250	2254	2255	rBV4	1760	2478	0.14%	0.017%
60	16.292	2260	2262	2265	rVB3	2575	2215	0.12%	0.015%
61	16.327	2265	2268	2269	rBV3	2671	2479	0.14%	0.017%
62	16.380	2272	2277	2285	rBV2	37066	66432	3.69%	0.456%
63	16.515	2299	2300	2304	rBV3	3543	3076	0.17%	0.021%
64	16.715	2331	2334	2336	rBV4	4205	4939	0.27%	0.034%
65	16.757	2339	2341	2350	rVB7	5590	10792	0.60%	0.074%
66	16.868	2358	2360	2366	rVB5	4975	8747	0.49%	0.060%
67	16.915	2366	2368	2369	rBV2	2369	1939	0.11%	0.013%
68	16.939	2369	2372	2373	rBV3	2984	2841	0.16%	0.020%
69	16.974	2373	2378	2388	rVV2	946348	1329261	73.75%	9.129%
70	17.080	2390	2396	2404	rVV	391297	610913	33.90%	4.195%
71	17.151	2406	2408	2410	rVB3	6536	5181	0.29%	0.036%

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72	17.262	2423	2427	2431	rVB3	12476	17728	0.98%	0.122%
73	17.315	2432	2436	2438	rVB3	11751	12327	0.68%	0.085%
74	17.421	2452	2454	2455	rBV2	5116	3627	0.20%	0.025%
75	17.445	2456	2458	2459	rVV2	3973	2244	0.12%	0.015%
76	17.739	2504	2508	2514	rBV7	17036	37321	2.07%	0.256%
77	17.868	2525	2530	2540	rBV	215203	341950	18.97%	2.348%
78	17.939	2540	2542	2545	rVB2	11446	12866	0.71%	0.088%
79	18.580	2649	2651	2654	rBV4	12975	12416	0.69%	0.085%
80	18.627	2657	2659	2664	rVB6	15415	14784	0.82%	0.102%
81	19.156	2746	2749	2755	rBV2	131524	210594	11.68%	1.446%
82	19.386	2783	2788	2795	rBV	501240	758233	42.07%	5.207%
83	19.715	2841	2844	2848	rBV2	124057	152615	8.47%	1.048%
84	19.756	2848	2851	2856	rVV	131290	142782	7.92%	0.981%
85	20.321	2944	2947	2952	rVB	179187	175473	9.74%	1.205%
86	20.886	3040	3043	3048	rVB	203921	239726	13.30%	1.646%
87	21.186	3090	3094	3100	rBV2	1222522	1602141	88.90%	11.003%
88	23.391	3464	3469	3478	rVB2	994564	1802280	100.00%	12.377%

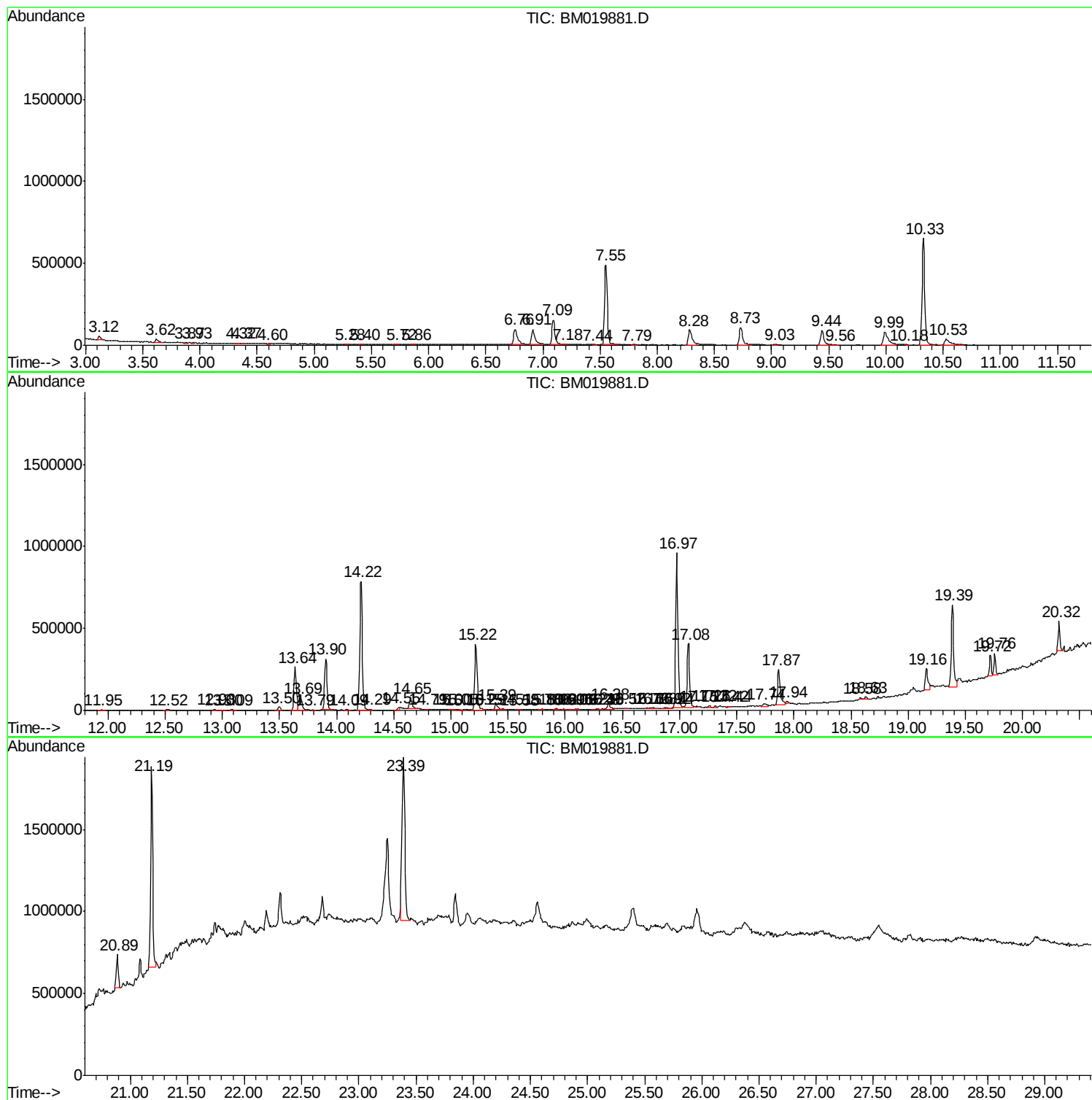
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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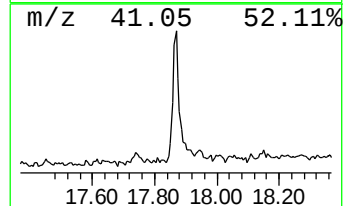
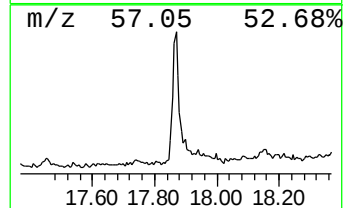
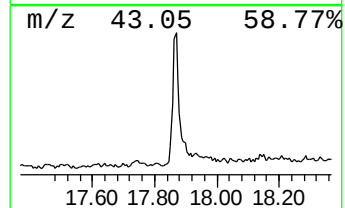
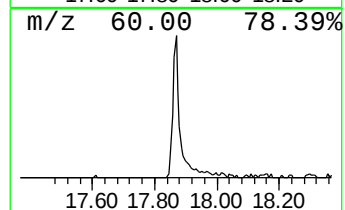
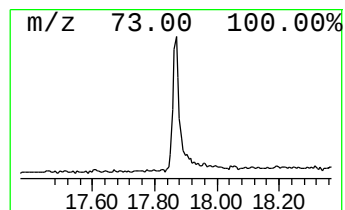
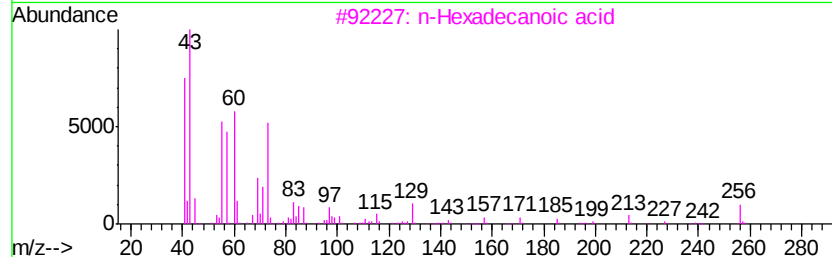
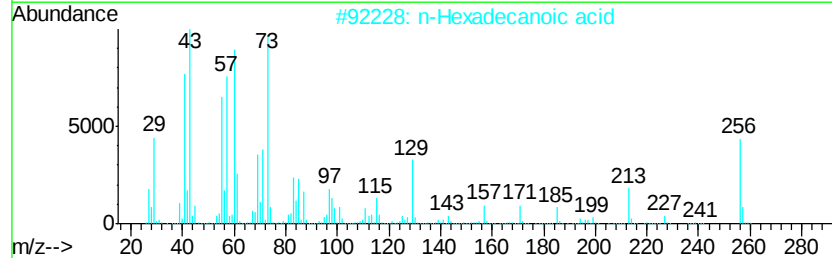
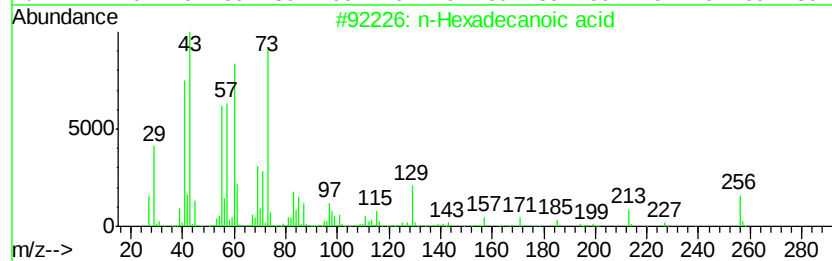
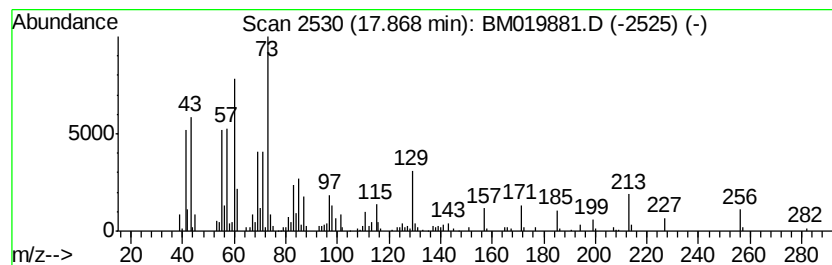
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	5.14 ng/ul	341950	Phenanthrene-d10	16.97		
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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43	



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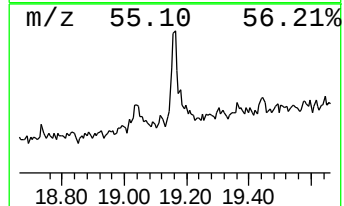
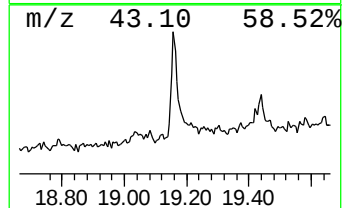
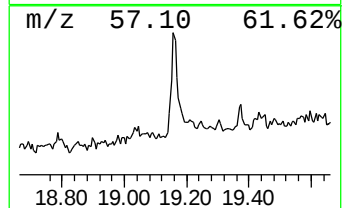
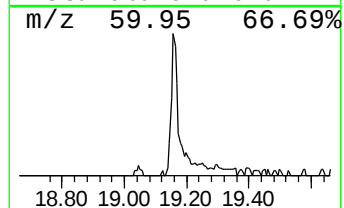
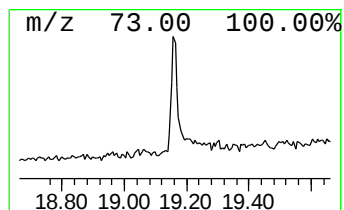
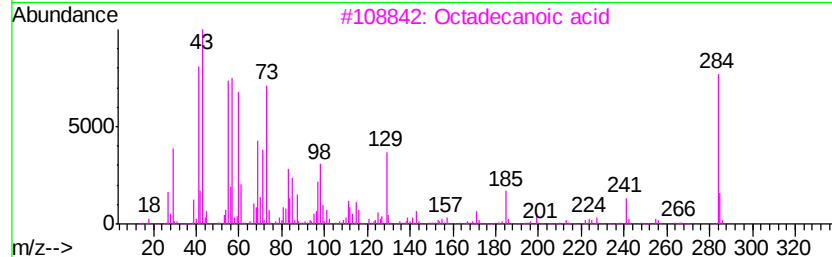
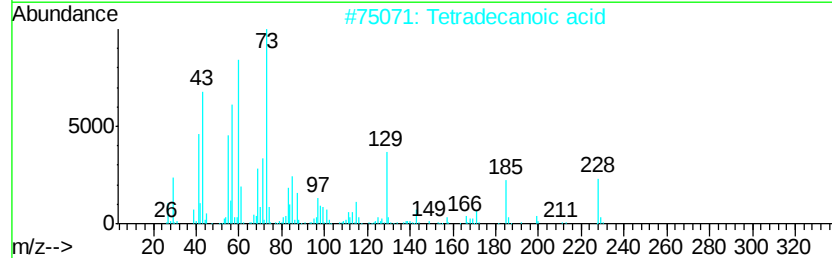
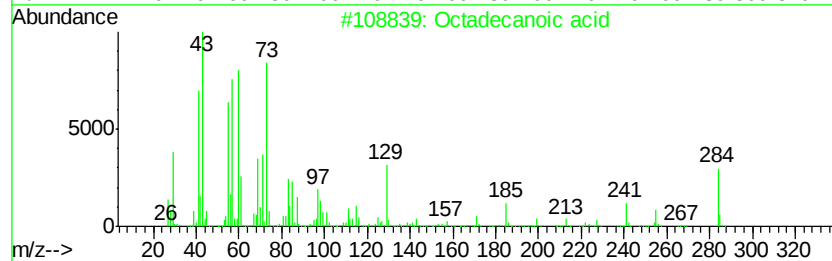
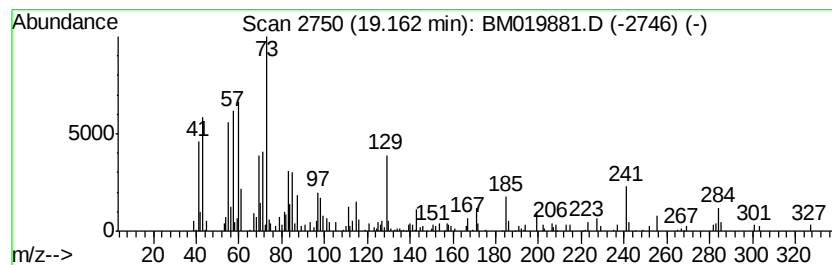
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.63 ng/ul	210594	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		Isopropyl stearate	326	C21H42O2	000112-10-7	68



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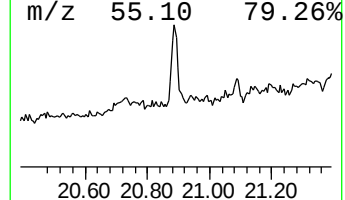
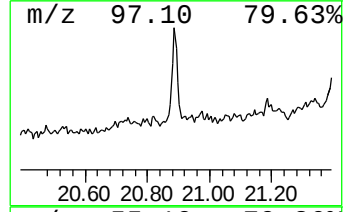
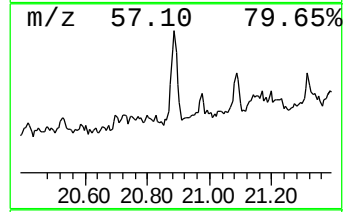
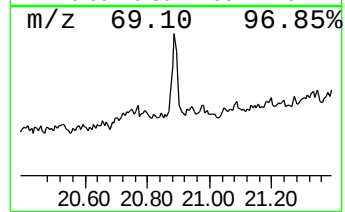
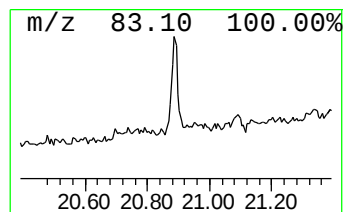
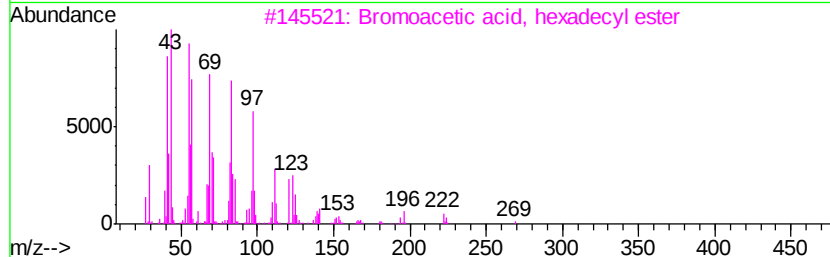
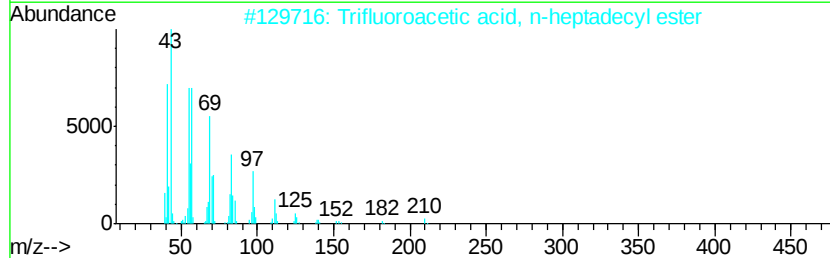
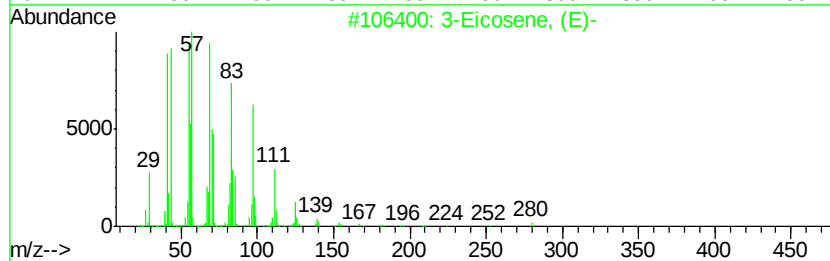
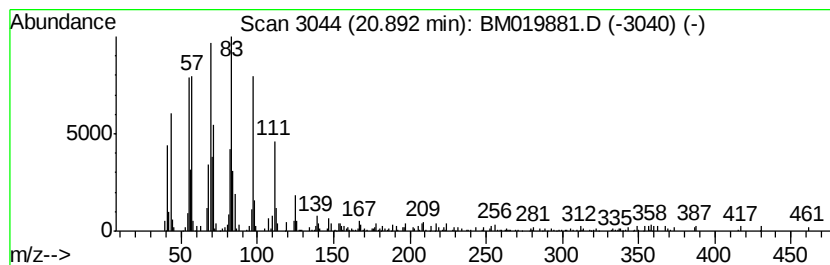
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.99 ng/ul	239726	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 91
2	Trifluoroacetic acid, n-heptadec...		324 C17H31F3O2	1000216-79-2 91
3	Bromoacetic acid, hexadecyl ester		362 C18H35BrO2	005454-48-8 90
4	3-Octadecene, (E)-		252 C18H36	007206-19-1 87
5	1-Hexadecanol		242 C16H34O	036653-82-4 87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	5.1	ng/ul	341950	4	16.97	1329260	20.0
Octadecanoic acid	19.16	2.6	ng/ul	210594	5	21.19	1602140	20.0
(DEL) Alkane: Cyc...	20.89	3.0	ng/ul	239726	5	21.19	1602140	20.0