

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021833.D
 Acq On : 11 May 2016 2:02
 Operator : UM/SJ
 Sample : H2937-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X84

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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	3.261	69	72	77	rBV3	5892	7671	0.45%	0.038%
2	3.355	83	88	95	rVB5	4657	10494	0.62%	0.052%
3	3.579	121	126	134	rVB3	8970	16875	1.00%	0.083%
4	4.113	212	217	224	rVB4	6351	13390	0.79%	0.066%
5	4.331	250	254	261	rVB4	3288	5765	0.34%	0.028%
6	5.365	423	430	434	rBV7	2849	5600	0.33%	0.028%
7	6.176	563	568	570	rVV5	2535	4179	0.25%	0.021%
8	6.834	673	680	683	rBV7	2365	4529	0.27%	0.022%
9	7.333	757	765	776	rBV	148321	305885	18.07%	1.508%
10	7.504	787	794	807	rBV	130603	252905	14.94%	1.247%
11	7.715	822	830	839	rBV	174482	346982	20.50%	1.711%
12	8.185	901	910	926	rBV	217580	442147	26.12%	2.180%
13	8.884	1021	1029	1049	rBV	215658	470022	27.77%	2.317%
14	9.354	1100	1109	1120	rBV	144199	313942	18.55%	1.548%
15	9.742	1171	1175	1181	rBV4	3427	5422	0.32%	0.027%
16	10.077	1224	1232	1244	rBV2	106795	232507	13.74%	1.146%
17	10.618	1316	1324	1337	rBV	218116	467400	27.61%	2.304%
18	10.952	1376	1381	1382	rBV4	3798	5403	0.32%	0.027%
19	11.005	1382	1390	1405	rVB	394739	808958	47.79%	3.988%
20	11.135	1405	1412	1431	rBV	134780	350344	20.70%	1.727%
21	11.998	1548	1559	1566	rBV3	12520	25535	1.51%	0.126%
22	12.392	1620	1626	1630	rBV4	6066	11389	0.67%	0.056%
23	12.650	1664	1670	1673	rVV3	6075	10880	0.64%	0.054%
24	12.862	1702	1706	1712	rVB3	7747	13530	0.80%	0.067%
25	13.332	1779	1786	1792	rVB6	10185	19439	1.15%	0.096%
26	13.408	1795	1799	1805	rVB5	6577	11397	0.67%	0.056%
27	13.614	1828	1834	1839	rVV4	13540	24709	1.46%	0.122%
28	13.690	1840	1847	1852	rVV3	13242	25964	1.53%	0.128%
29	13.849	1872	1874	1880	rVB5	3113	5545	0.33%	0.027%
30	13.984	1889	1897	1898	rBV4	3104	5975	0.35%	0.029%
31	14.125	1916	1921	1926	rVV5	12994	23812	1.41%	0.117%
32	14.202	1926	1934	1939	rVV	467035	771008	45.55%	3.801%
33	14.249	1939	1942	1949	rVV	94222	165511	9.78%	0.816%
34	14.307	1949	1952	1957	rVB5	4738	7730	0.46%	0.038%

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35	14.360	1957	1961	1963	rBV3	5180	7400	0.44%	0.036%
36	14.378	1963	1964	1970	rVB5	5652	7179	0.42%	0.035%
37	14.501	1977	1985	2002	rBV	614055	1123201	66.35%	5.537%
38	14.636	2003	2008	2011	rBV6	4932	7773	0.46%	0.038%
39	14.677	2011	2015	2024	rVB	38128	57852	3.42%	0.285%
40	14.807	2024	2037	2046	rBV3	646076	1187503	70.15%	5.854%
41	14.995	2062	2069	2080	rBV	71616	203457	12.02%	1.003%
42	15.189	2098	2102	2107	rVB7	8959	15037	0.89%	0.074%
43	15.294	2117	2120	2125	rVB6	10643	18295	1.08%	0.090%
44	15.359	2128	2131	2136	rVB4	5539	8730	0.52%	0.043%
45	15.412	2136	2140	2145	rBV4	6192	11171	0.66%	0.055%
46	15.465	2145	2149	2154	rVB7	5172	7154	0.42%	0.035%
47	15.588	2163	2170	2172	rBV3	18861	33927	2.00%	0.167%
48	15.623	2172	2176	2182	rVV	58156	85754	5.07%	0.423%
49	15.682	2184	2186	2190	rVV4	4755	6717	0.40%	0.033%
50	15.729	2190	2194	2195	rVV4	4077	5192	0.31%	0.026%
51	15.794	2195	2205	2218	rVV	781232	1372012	81.05%	6.764%
52	15.905	2218	2224	2234	rVV	112813	208409	12.31%	1.027%
53	16.029	2237	2245	2250	rVV4	30636	65274	3.86%	0.322%
54	16.070	2250	2252	2255	rVB3	6428	6724	0.40%	0.033%
55	16.129	2257	2262	2269	rVB7	10061	18281	1.08%	0.090%
56	16.182	2269	2271	2276	rBV6	4923	6602	0.39%	0.033%
57	16.246	2279	2282	2286	rBV3	6508	7239	0.43%	0.036%
58	16.287	2286	2289	2293	rBV5	4929	5838	0.34%	0.029%
59	16.370	2299	2303	2308	rVB7	5169	10291	0.61%	0.051%
60	16.487	2318	2323	2325	rBV	63066	99710	5.89%	0.492%
61	16.828	2377	2381	2384	rBV6	9211	16738	0.99%	0.083%
62	16.893	2389	2392	2396	rVV5	3401	4886	0.29%	0.024%
63	16.992	2406	2409	2413	rVB5	7047	7907	0.47%	0.039%
64	17.075	2417	2423	2424	rBV5	10770	15414	0.91%	0.076%
65	17.192	2440	2443	2444	rBV3	10211	9604	0.57%	0.047%
66	17.280	2452	2458	2463	rBV3	47436	75472	4.46%	0.372%
67	17.327	2463	2466	2471	rVB6	14687	22546	1.33%	0.111%
68	17.415	2477	2481	2488	rVB7	18248	31391	1.85%	0.155%
69	17.480	2488	2492	2496	rBV6	11633	15816	0.93%	0.078%
70	17.545	2496	2503	2509	rBV	712319	1263848	74.66%	6.231%
71	17.645	2514	2520	2534	rVB2	732003	1280352	75.64%	6.312%

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72	17.815	2547	2549	2551	rVV3	7430	6571	0.39%	0.032%
73	17.903	2559	2564	2570	rBV3	42293	78051	4.61%	0.385%
74	18.015	2580	2583	2588	rVB2	34677	47746	2.82%	0.235%
75	18.191	2610	2613	2617	rBV5	4015	6492	0.38%	0.032%
76	18.297	2627	2631	2634	rBV6	11753	18263	1.08%	0.090%
77	18.361	2638	2642	2646	rBV6	10186	17425	1.03%	0.086%
78	18.414	2646	2651	2656	rBV2	84034	141989	8.39%	0.700%
79	18.602	2679	2683	2688	rBV5	22404	40777	2.41%	0.201%
80	18.649	2688	2691	2695	rVB2	17264	25374	1.50%	0.125%
81	18.702	2695	2700	2707	rBV2	43862	80297	4.74%	0.396%
82	18.831	2720	2722	2727	rVB5	9886	10812	0.64%	0.053%
83	18.914	2732	2736	2740	rVV3	17226	28170	1.66%	0.139%
84	18.949	2740	2742	2749	rVB7	8809	16166	0.96%	0.080%
85	19.155	2774	2777	2780	rVB5	9136	12690	0.75%	0.063%
86	19.207	2782	2786	2789	rBV6	8853	12860	0.76%	0.063%
87	19.260	2790	2795	2802	rBV	114121	195136	11.53%	0.962%
88	19.325	2802	2806	2811	rVB3	55751	83742	4.95%	0.413%
89	19.466	2826	2830	2838	rVB9	16312	33649	1.99%	0.166%
90	19.584	2844	2850	2857	rVB	126100	217188	12.83%	1.071%
91	19.678	2862	2866	2872	rVB9	24251	38463	2.27%	0.190%
92	19.918	2900	2907	2918	rBV2	949035	1692719	100.00%	8.345%
93	20.430	2990	2994	2999	rVB2	83942	120856	7.14%	0.596%
94	20.823	3058	3061	3066	rVB	32605	45459	2.69%	0.224%
95	21.446	3163	3167	3173	rBV	97619	145183	8.58%	0.716%
96	21.699	3207	3210	3215	rVB	46819	61909	3.66%	0.305%
97	21.828	3225	3232	3239	rBV	790504	1552484	91.72%	7.653%
98	22.645	3366	3371	3379	rBV3	52723	118431	7.00%	0.584%
99	24.942	3753	3762	3781	rVB2	397426	1386850	81.93%	6.837%
100	25.171	3792	3801	3820	rVB	467091	1525410	90.12%	7.520%

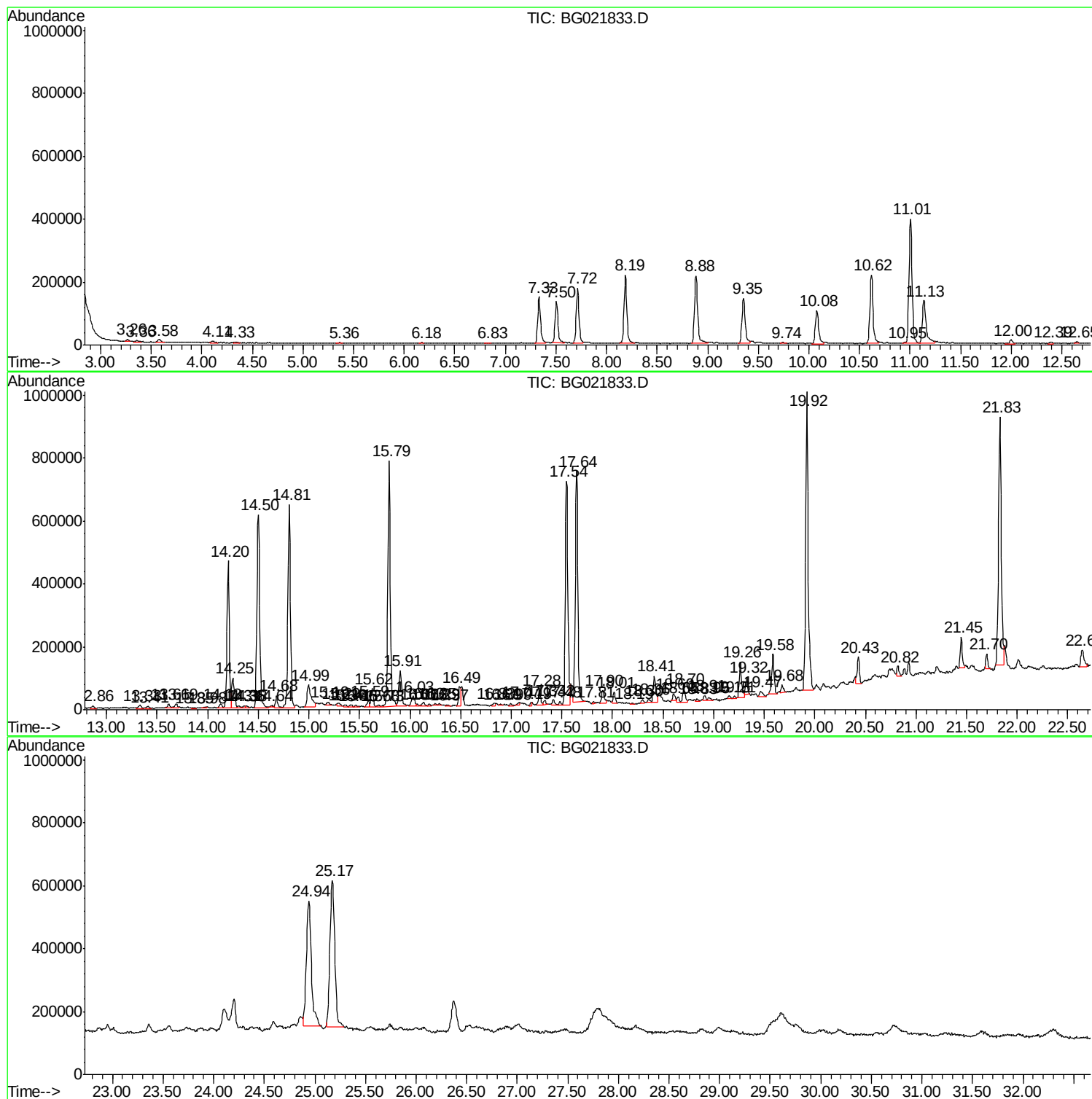
Sum of corrected areas: 20284702

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



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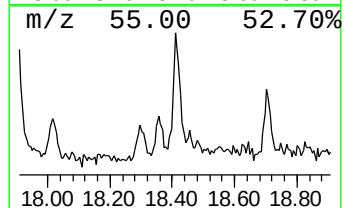
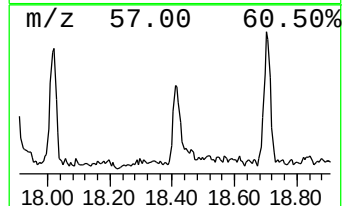
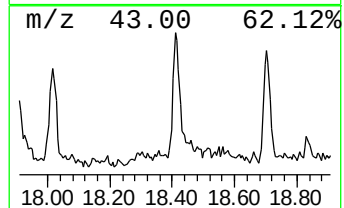
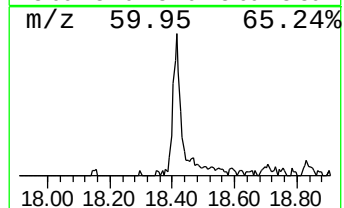
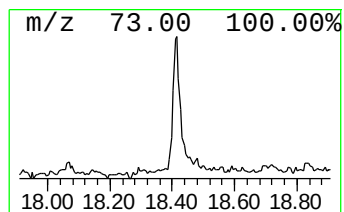
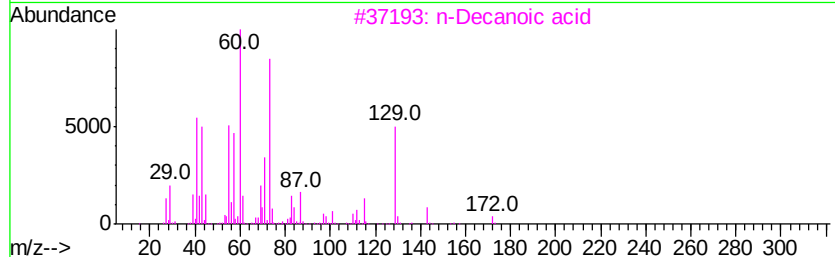
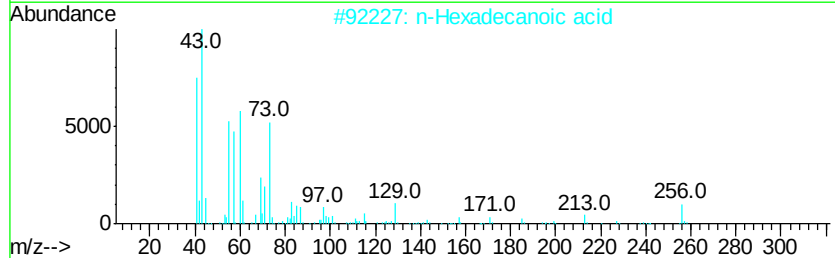
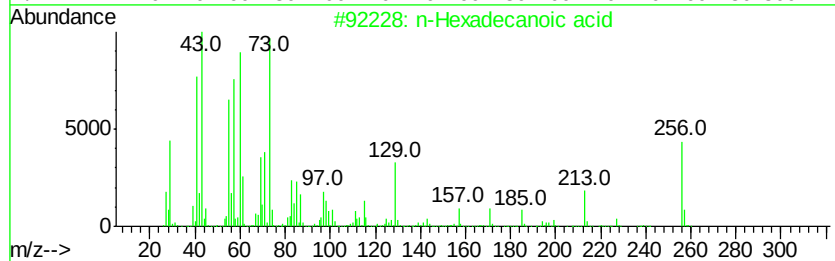
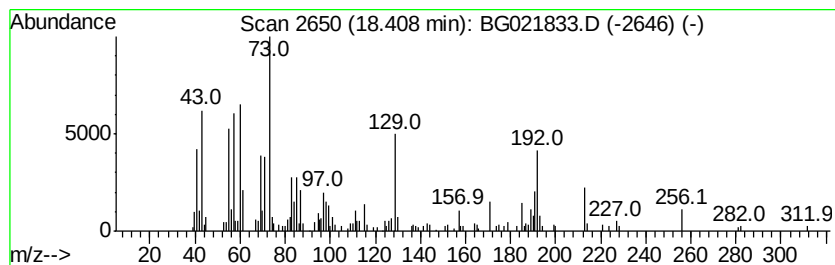
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.25 ng/ul	141989	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		n-Decanoic acid	172	C10H20O2	000334-48-5	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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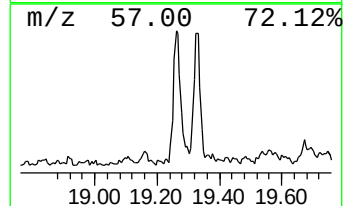
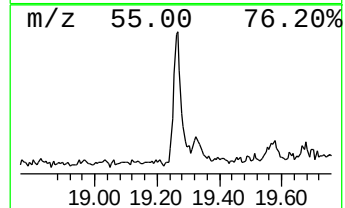
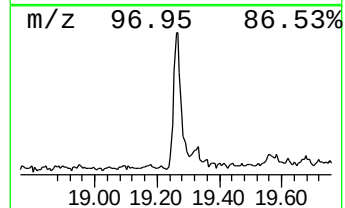
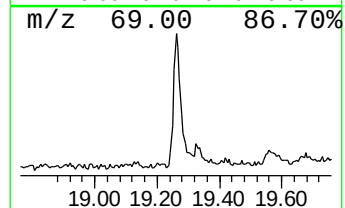
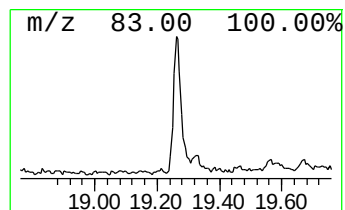
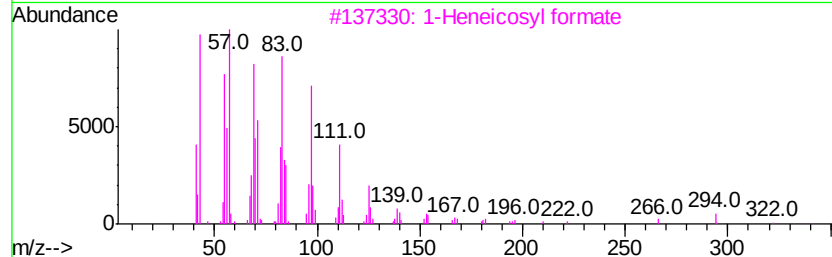
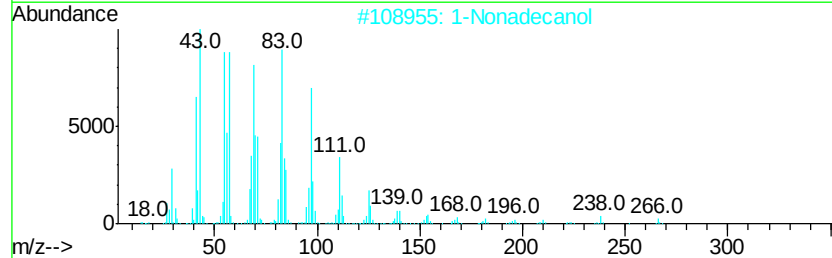
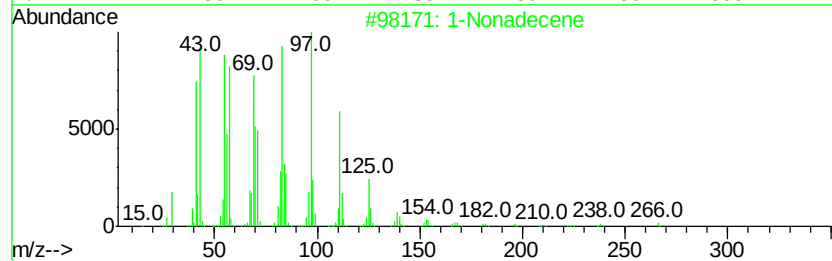
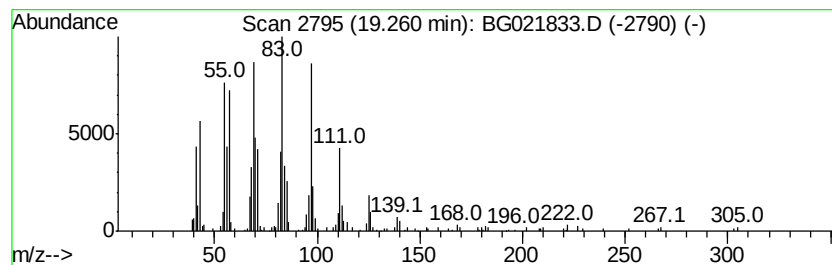
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Peak Number 2 (DEL) Alkane: Cyclic-19.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.26	3.09 ng/ul	195136	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Nonadecanol	284	C19H40O	001454-84-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	4-Heptafluorobutyryloxvhexadecane	438	C20H33F7O2	1000282-97-2	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.3	ng/ul	141989	4	17.54	1263850	20.0
(DEL) Alkane: Cyc...	19.26	3.1	ng/ul	195136	4	17.54	1263850	20.0