

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021912.D
 Acq On : 16 May 2016 18:45
 Operator : UM/SJ
 Sample : H3095-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XD9

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	3.239	63	68	73	rVB	15351	24665	1.39%	0.150%
2	3.328	78	83	93	rVB3	9977	22261	1.26%	0.136%
3	3.551	116	121	130	rVB2	8057	16016	0.90%	0.098%
4	3.974	191	193	199	rVB5	1528	2857	0.16%	0.017%
5	4.080	206	211	220	rVB2	12475	23331	1.32%	0.142%
6	4.309	245	250	256	rBV5	2969	6061	0.34%	0.037%
7	4.867	342	345	349	rBV4	2846	3275	0.18%	0.020%
8	5.243	406	409	413	rBV3	2153	3313	0.19%	0.020%
9	5.337	418	425	431	rBV6	2918	6869	0.39%	0.042%
10	5.778	497	500	507	rBV5	1978	4552	0.26%	0.028%
11	6.148	560	563	568	rBV5	2278	3319	0.19%	0.020%
12	6.800	668	674	675	rBV5	2283	2993	0.17%	0.018%
13	7.129	724	730	736	rBV5	4227	8100	0.46%	0.049%
14	7.317	751	762	776	rBV	142436	295914	16.71%	1.804%
15	7.481	782	790	802	rBV	134250	261445	14.76%	1.594%
16	7.693	818	826	838	rBV	177724	355836	20.09%	2.170%
17	7.769	838	839	842	rVV2	2971	2659	0.15%	0.016%
18	7.799	842	844	851	rVB4	2342	3363	0.19%	0.021%
19	8.169	896	907	920	rBV	203867	421365	23.79%	2.569%
20	8.392	938	945	949	rVB6	2441	5322	0.30%	0.032%
21	8.862	1015	1025	1043	rBV	180742	388090	21.91%	2.366%
22	8.997	1044	1048	1050	rBV3	3024	3749	0.21%	0.023%
23	9.256	1090	1092	1097	rBV4	1789	2860	0.16%	0.017%
24	9.332	1097	1105	1116	rVV	144711	309280	17.46%	1.886%
25	9.426	1116	1121	1128	rVB2	14509	26634	1.50%	0.162%
26	10.061	1221	1229	1241	rBV	114087	246784	13.93%	1.505%
27	10.384	1278	1284	1286	rBV3	1889	3284	0.19%	0.020%
28	10.413	1286	1289	1294	rVB3	2376	3631	0.21%	0.022%
29	10.490	1299	1302	1305	rBV3	1791	2441	0.14%	0.015%
30	10.595	1310	1320	1337	rBV	218579	472340	26.67%	2.880%
31	10.930	1370	1377	1378	rBV4	3787	5161	0.29%	0.031%
32	10.983	1378	1386	1401	rVB	339001	712348	40.22%	4.343%
33	11.118	1403	1409	1421	rBV2	43317	106697	6.02%	0.651%
34	11.747	1511	1516	1519	rBV4	1366	2606	0.15%	0.016%

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35	11.976	1549	1555	1561	rBV3	6581	11629	0.66%	0.071%
36	12.370	1617	1622	1627	rBV5	5754	10102	0.57%	0.062%
37	12.564	1649	1655	1660	rVB	4427	7476	0.42%	0.046%
38	12.628	1660	1666	1672	rBV	10842	19340	1.09%	0.118%
39	12.846	1697	1703	1708	rVV3	8773	15178	0.86%	0.093%
40	13.063	1734	1740	1743	rVB4	1839	2835	0.16%	0.017%
41	13.140	1751	1753	1755	rBV3	2596	3118	0.18%	0.019%
42	13.310	1778	1782	1788	rVB4	5013	8226	0.46%	0.050%
43	13.392	1791	1796	1806	rVB4	4265	8781	0.50%	0.054%
44	13.592	1825	1830	1835	rBV3	9189	17639	1.00%	0.108%
45	13.663	1840	1842	1846	rVB4	2767	3707	0.21%	0.023%
46	13.839	1864	1872	1875	rBV3	1963	4915	0.28%	0.030%
47	13.956	1884	1892	1893	rBV3	4931	7521	0.42%	0.046%
48	14.109	1912	1918	1923	rBV2	9728	17923	1.01%	0.109%
49	14.185	1923	1931	1935	rVV	440272	723817	40.87%	4.413%
50	14.232	1935	1939	1946	rVV	202266	329067	18.58%	2.006%
51	14.297	1946	1950	1954	rVB2	3424	5805	0.33%	0.035%
52	14.350	1954	1959	1960	rBV3	5463	6928	0.39%	0.042%
53	14.485	1974	1982	1992	rBV	599537	1060284	59.86%	6.465%
54	14.620	2003	2005	2007	rVV2	2817	2568	0.14%	0.016%
55	14.661	2007	2012	2021	rVB	24287	35457	2.00%	0.216%
56	14.791	2021	2034	2042	rBV2	542033	985395	55.63%	6.008%
57	14.855	2042	2045	2050	rVB5	6503	10273	0.58%	0.063%
58	14.979	2060	2066	2081	rBV	61656	174434	9.85%	1.064%
59	15.172	2096	2099	2104	rVB6	7418	12494	0.71%	0.076%
60	15.255	2111	2113	2114	rBV	4233	2928	0.17%	0.018%
61	15.272	2114	2116	2122	rVB6	7003	10725	0.61%	0.065%
62	15.343	2123	2128	2133	rVB7	4166	7689	0.43%	0.047%
63	15.396	2133	2137	2141	rBV6	5506	9214	0.52%	0.056%
64	15.449	2142	2146	2151	rBV7	3298	4914	0.28%	0.030%
65	15.566	2161	2166	2169	rVV2	14907	24112	1.36%	0.147%
66	15.607	2169	2173	2180	rVB	37881	56277	3.18%	0.343%
67	15.672	2180	2184	2185	rBV3	3840	4660	0.26%	0.028%
68	15.707	2188	2190	2193	rBV4	2239	2894	0.16%	0.018%
69	15.778	2194	2202	2209	rBV	773078	1303378	73.59%	7.947%
70	15.889	2215	2221	2230	rBV	128207	215842	12.19%	1.316%
71	16.013	2236	2242	2246	rBV5	22442	42317	2.39%	0.258%

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72	16.113	2256	2259	2264	rVB6	7704	13799	0.78%	0.084%
73	16.165	2264	2268	2272	rBV6	4737	7088	0.40%	0.043%
74	16.230	2277	2279	2282	rVB3	4949	5332	0.30%	0.033%
75	16.277	2282	2287	2290	rBV5	6111	11016	0.62%	0.067%
76	16.471	2315	2320	2322	rBV2	46610	74134	4.19%	0.452%
77	16.630	2346	2347	2349	rBV2	3948	2821	0.16%	0.017%
78	16.729	2360	2364	2367	rBV6	4692	7234	0.41%	0.044%
79	16.806	2375	2377	2378	rBV2	4336	4189	0.24%	0.026%
80	16.976	2404	2406	2411	rVB6	6354	7243	0.41%	0.044%
81	17.059	2414	2420	2422	rBV6	9626	19248	1.09%	0.117%
82	17.188	2437	2442	2448	rBV7	9916	22074	1.25%	0.135%
83	17.258	2449	2454	2460	rBV3	42822	70913	4.00%	0.432%
84	17.311	2460	2463	2467	rVB5	10143	15475	0.87%	0.094%
85	17.399	2476	2478	2482	rVB4	7770	10208	0.58%	0.062%
86	17.464	2487	2489	2493	rVB4	6160	5301	0.30%	0.032%
87	17.529	2493	2500	2505	rBV2	614971	1074930	60.69%	6.554%
88	17.576	2505	2508	2512	rVV	131844	211204	11.92%	1.288%
89	17.628	2512	2517	2528	rVB2	728070	1262044	71.25%	7.695%
90	17.934	2565	2569	2572	rBV3	11413	18661	1.05%	0.114%
91	17.999	2577	2580	2585	rVB3	29047	38835	2.19%	0.237%
92	18.345	2635	2639	2643	rBV6	14718	22252	1.26%	0.136%
93	18.398	2643	2648	2654	rBV2	93940	164608	9.29%	1.004%
94	18.598	2677	2682	2686	rBV3	31488	60040	3.39%	0.366%
95	18.692	2694	2698	2702	rBV4	18580	30198	1.70%	0.184%
96	19.309	2800	2803	2808	rBV3	30102	44122	2.49%	0.269%
97	19.573	2843	2848	2854	rBV	444726	670125	37.83%	4.086%
98	19.908	2899	2905	2909	rBV	920758	1771184	100.00%	10.799%
99	21.430	3160	3164	3169	rBV4	112413	175992	9.94%	1.073%
100	21.812	3222	3229	3235	rBV2	667311	1651344	93.23%	10.069%

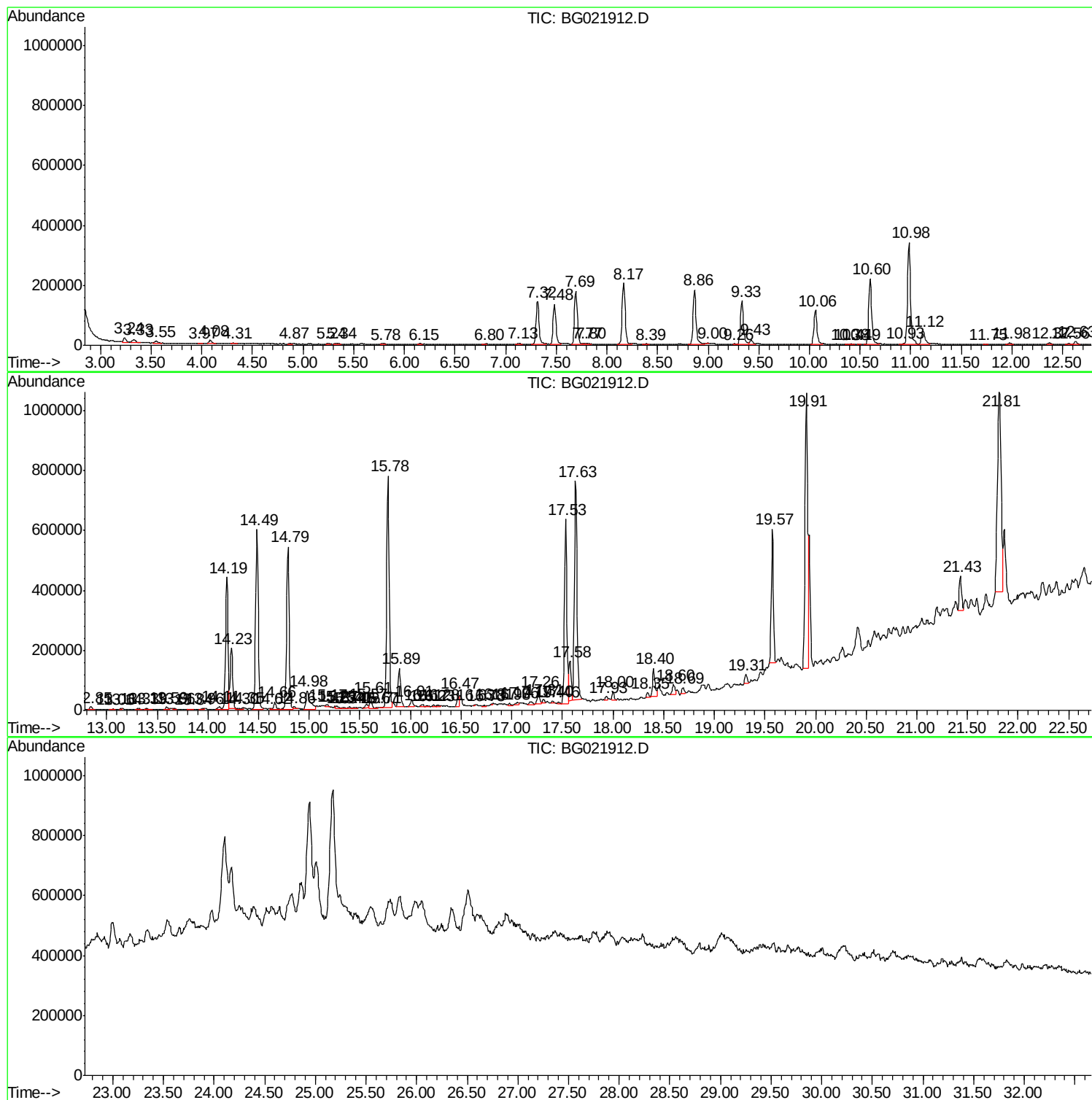
Sum of corrected areas: 16400897

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



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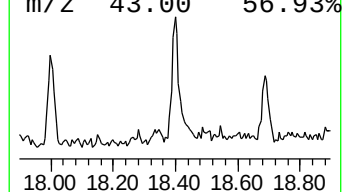
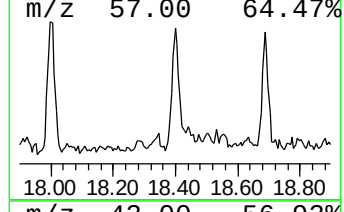
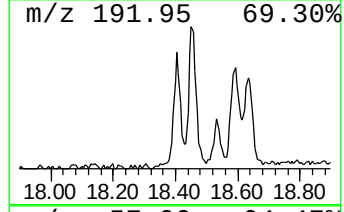
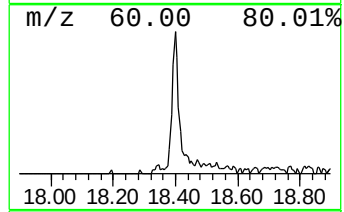
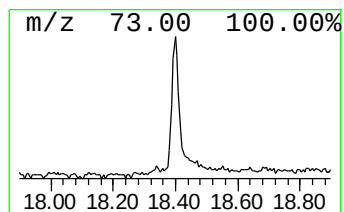
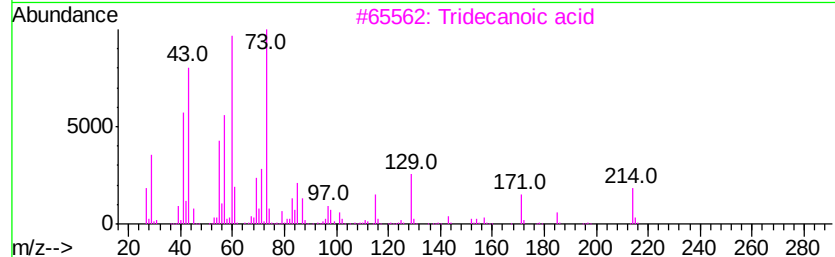
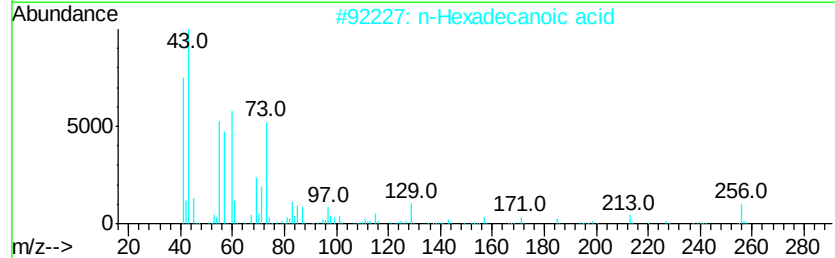
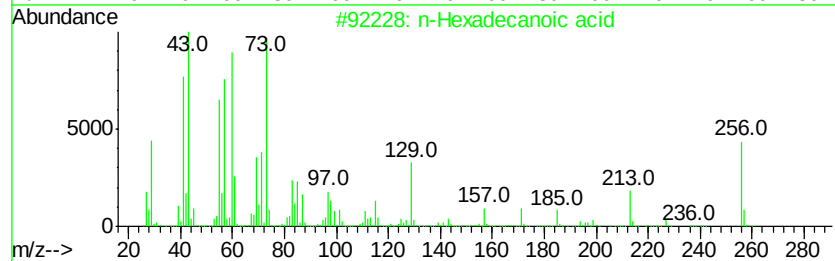
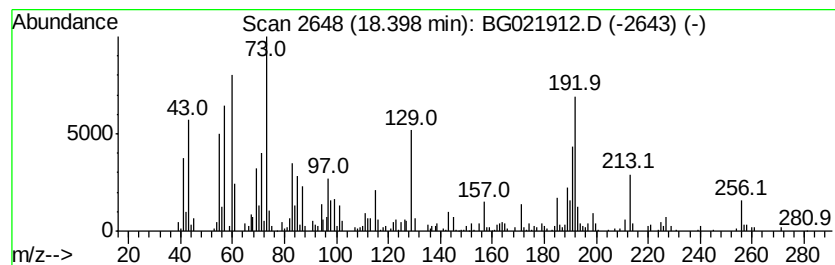
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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.	
18.40	3.06 ng/ul	164608	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49



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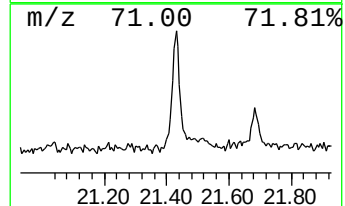
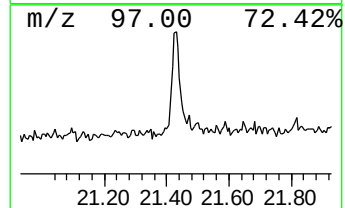
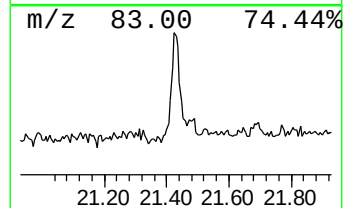
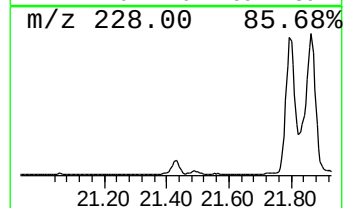
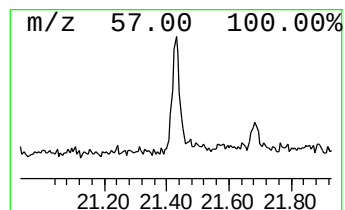
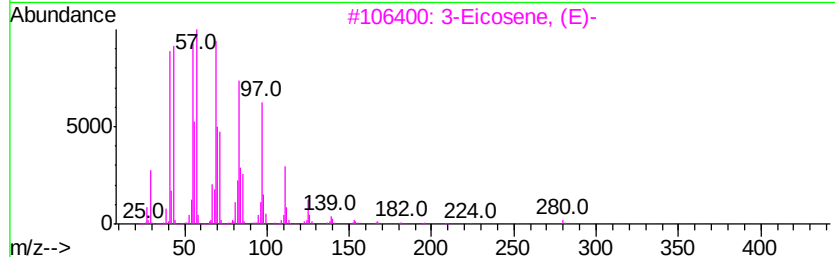
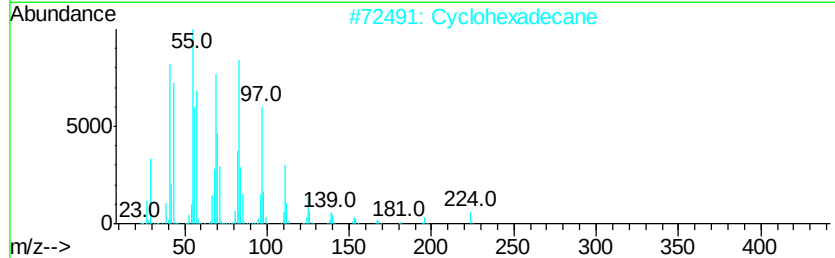
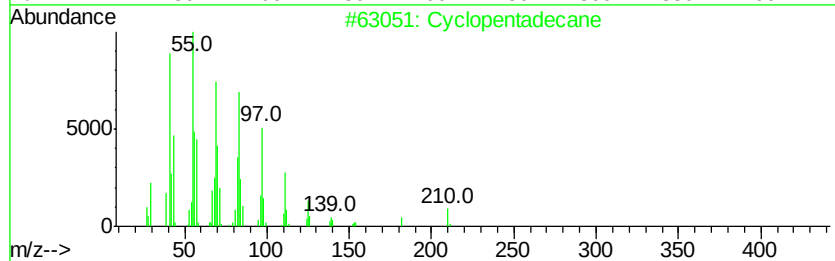
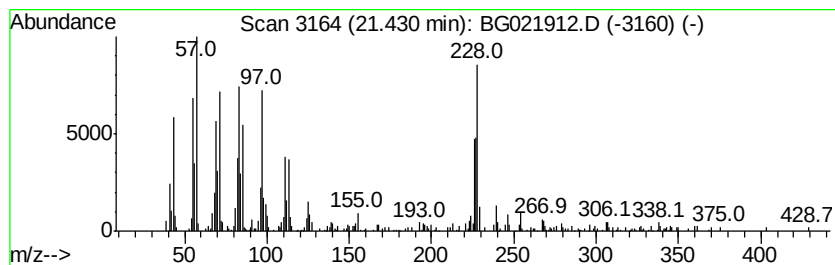
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic21.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.43	2.13 ng/ul	175992	Chrysene-d12	21.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	56
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	55
5	1-Docosene	308	C22H44	001599-67-3	51



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	3.1	ng/ul	164608	4	17.53	1074930	20.0
(DEL) Alkane: Cyc...	21.43	2.1	ng/ul	175992	5	21.82	1651340	20.0