

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023105.D
 Acq On : 10 Oct 2019 05:18
 Operator : JU
 Sample : K5177-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP97

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-BM092719MA.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	3.251	43	45	54	rVB	27999	43254	1.50%	0.121%
2	3.669	113	116	124	rVB2	9578	15063	0.52%	0.042%
3	3.763	128	132	139	rBV	36072	50151	1.74%	0.140%
4	3.893	150	154	162	rVB2	15367	24759	0.86%	0.069%
5	3.981	166	169	175	rVB	12866	16488	0.57%	0.046%
6	4.534	260	263	270	rVB4	5061	8112	0.28%	0.023%
7	4.898	321	325	333	rBV	17024	25597	0.89%	0.071%
8	5.540	430	434	438	rBV2	8638	13243	0.46%	0.037%
9	6.451	586	589	596	rVB4	3202	5730	0.20%	0.016%
10	6.775	641	644	650	rVB6	3183	4576	0.16%	0.013%
11	6.939	665	672	684	rBV2	452604	825889	28.59%	2.303%
12	7.104	694	700	716	rBV	362783	586930	20.31%	1.636%
13	7.304	727	734	745	rBV	513809	816374	28.26%	2.276%
14	7.404	747	751	757	rVB4	4221	7974	0.28%	0.022%
15	7.769	805	813	822	rBV	668640	1040219	36.00%	2.900%
16	7.845	822	826	831	rVB	5757	7245	0.25%	0.020%
17	8.475	926	933	943	rBV	465408	760933	26.34%	2.121%
18	8.592	949	953	961	rVB	10299	17134	0.59%	0.048%
19	8.922	1002	1009	1019	rBV	444127	725123	25.10%	2.022%
20	9.363	1079	1084	1089	rVB2	9364	13882	0.48%	0.039%
21	9.639	1124	1131	1139	rBV	349399	589213	20.39%	1.643%
22	9.886	1167	1173	1178	rVB3	1777	3512	0.12%	0.010%
23	10.180	1215	1223	1231	rBV	587648	948118	32.82%	2.643%
24	10.557	1280	1287	1294	rBV	887504	1438336	49.78%	4.010%
25	10.604	1294	1295	1301	rVB	5312	5930	0.21%	0.017%
26	10.692	1301	1310	1322	rBV	369759	660306	22.85%	1.841%
27	11.992	1524	1531	1534	rBV4	2473	3994	0.14%	0.011%
28	12.145	1552	1557	1562	rBV	7048	11382	0.39%	0.032%
29	12.221	1566	1570	1574	rBV	4148	5829	0.20%	0.016%
30	12.439	1603	1607	1613	rVB	3000	5278	0.18%	0.015%
31	12.769	1660	1663	1667	rVB2	3594	4820	0.17%	0.013%
32	13.016	1702	1705	1707	rBV2	4757	5939	0.21%	0.017%
33	13.051	1707	1711	1718	rVB3	4976	8958	0.31%	0.025%
34	13.239	1740	1743	1747	rBV3	6235	8252	0.29%	0.023%

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35	13.310	1747	1755	1757	rBV4	2211	4362	0.15%	0.012%
36	13.645	1807	1812	1816	rBV	28597	40479	1.40%	0.113%
37	13.727	1821	1826	1829	rVB2	4051	5210	0.18%	0.015%
38	13.816	1835	1841	1845	rBV	968587	1302067	45.07%	3.630%
39	13.863	1845	1849	1855	rVB	336356	450108	15.58%	1.255%
40	14.098	1882	1889	1903	rVB	1142272	1671385	57.85%	4.660%
41	14.315	1921	1926	1930	rVB2	7289	9576	0.33%	0.027%
42	14.404	1935	1941	1949	rVV	1204150	1772558	61.35%	4.942%
43	14.474	1949	1953	1956	rVV	3748	4540	0.16%	0.013%
44	14.551	1960	1966	1969	rBV	12696	15739	0.54%	0.044%
45	14.604	1969	1975	1978	rVV	267385	396108	13.71%	1.104%
46	14.651	1978	1983	1997	rVV	1224437	1880107	65.07%	5.242%
47	14.757	1997	2001	2006	rVV6	21605	45600	1.58%	0.127%
48	14.821	2006	2012	2018	rVV2	45086	72278	2.50%	0.202%
49	14.880	2018	2022	2024	rVB4	2464	3574	0.12%	0.010%
50	15.227	2073	2081	2083	rBV3	9724	17407	0.60%	0.049%
51	15.262	2085	2087	2092	rVB2	11144	14103	0.49%	0.039%
52	15.398	2101	2110	2116	rBV	1435563	2049624	70.94%	5.714%
53	15.457	2116	2120	2124	rVV3	14956	21497	0.74%	0.060%
54	15.515	2124	2130	2138	rVB	298193	402569	13.93%	1.122%
55	15.633	2147	2150	2155	rBV3	15093	22041	0.76%	0.061%
56	15.745	2165	2169	2171	rBV4	2901	4382	0.15%	0.012%
57	15.815	2178	2181	2186	rBV4	2717	3607	0.12%	0.010%
58	15.892	2189	2194	2200	rVB6	4273	7663	0.27%	0.021%
59	15.980	2200	2209	2210	rBV4	2957	7584	0.26%	0.021%
60	16.033	2214	2218	2221	rBV5	3508	4299	0.15%	0.012%
61	16.127	2230	2234	2237	rBV3	11029	14479	0.50%	0.040%
62	16.180	2241	2243	2246	rVB4	4737	4588	0.16%	0.013%
63	16.392	2274	2279	2283	rBV5	3555	4370	0.15%	0.012%
64	16.533	2301	2303	2306	rBV3	4128	4211	0.15%	0.012%
65	16.686	2326	2329	2332	rBV3	5124	6720	0.23%	0.019%
66	16.804	2345	2349	2352	rBV3	4187	5099	0.18%	0.014%
67	16.915	2364	2368	2373	rVV4	7529	15108	0.52%	0.042%
68	16.962	2373	2376	2382	rVB3	7266	11130	0.39%	0.031%
69	17.051	2387	2391	2394	rBV4	6411	9026	0.31%	0.025%
70	17.145	2399	2407	2412	rBV2	1383800	1951226	67.54%	5.440%
71	17.186	2412	2414	2418	rVV	104623	122154	4.23%	0.341%

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72	17.245	2418	2424	2436	rVB	1453229	2039726	70.60%	5.687%
73	17.339	2436	2440	2445	rVB5	8568	11445	0.40%	0.032%
74	17.456	2459	2460	2463	rVB3	4399	3598	0.12%	0.010%
75	17.498	2463	2467	2469	rBV5	3239	4024	0.14%	0.011%
76	17.545	2472	2475	2478	rVB2	8346	10106	0.35%	0.028%
77	17.656	2489	2494	2499	rBV7	7037	10237	0.35%	0.029%
78	17.721	2503	2505	2512	rVV4	4832	5578	0.19%	0.016%
79	17.821	2517	2522	2527	rBV7	4290	8230	0.28%	0.023%
80	18.045	2551	2560	2568	rBV2	86484	199891	6.92%	0.557%
81	18.115	2569	2572	2574	rVB	7984	9546	0.33%	0.027%
82	18.209	2584	2588	2593	rBV2	30580	57763	2.00%	0.161%
83	18.250	2593	2595	2602	rVB	20454	22693	0.79%	0.063%
84	18.345	2608	2611	2613	rBV2	9377	10245	0.35%	0.029%
85	18.521	2637	2641	2644	rBV2	21950	26976	0.93%	0.075%
86	18.562	2644	2648	2652	rVB4	12907	21809	0.75%	0.061%
87	18.768	2681	2683	2687	rVB5	10958	10236	0.35%	0.029%
88	18.939	2708	2712	2716	rBV2	33740	53005	1.83%	0.148%
89	18.992	2716	2721	2722	rBV3	11569	19314	0.67%	0.054%
90	19.080	2733	2736	2738	rBV2	15239	17882	0.62%	0.050%
91	19.203	2748	2757	2762	rBV	255384	365285	12.64%	1.018%
92	19.262	2765	2767	2771	rVV5	13948	18714	0.65%	0.052%
93	19.539	2808	2814	2826	rBV2	1884188	2889170	100.00%	8.055%
94	20.062	2900	2903	2906	rVB	46742	47890	1.66%	0.134%
95	21.044	3066	3070	3077	rBV3	279330	376060	13.02%	1.048%
96	21.244	3101	3104	3109	rBV	448598	507027	17.55%	1.414%
97	21.327	3112	3118	3122	rBV	1895177	2503257	86.64%	6.979%
98	22.897	3381	3385	3389	rBV2	268104	434925	15.05%	1.213%
99	23.433	3470	3476	3481	rBV	1419295	2554871	88.43%	7.123%
100	23.574	3494	3500	3516	rVB2	1268467	2544265	88.06%	7.093%

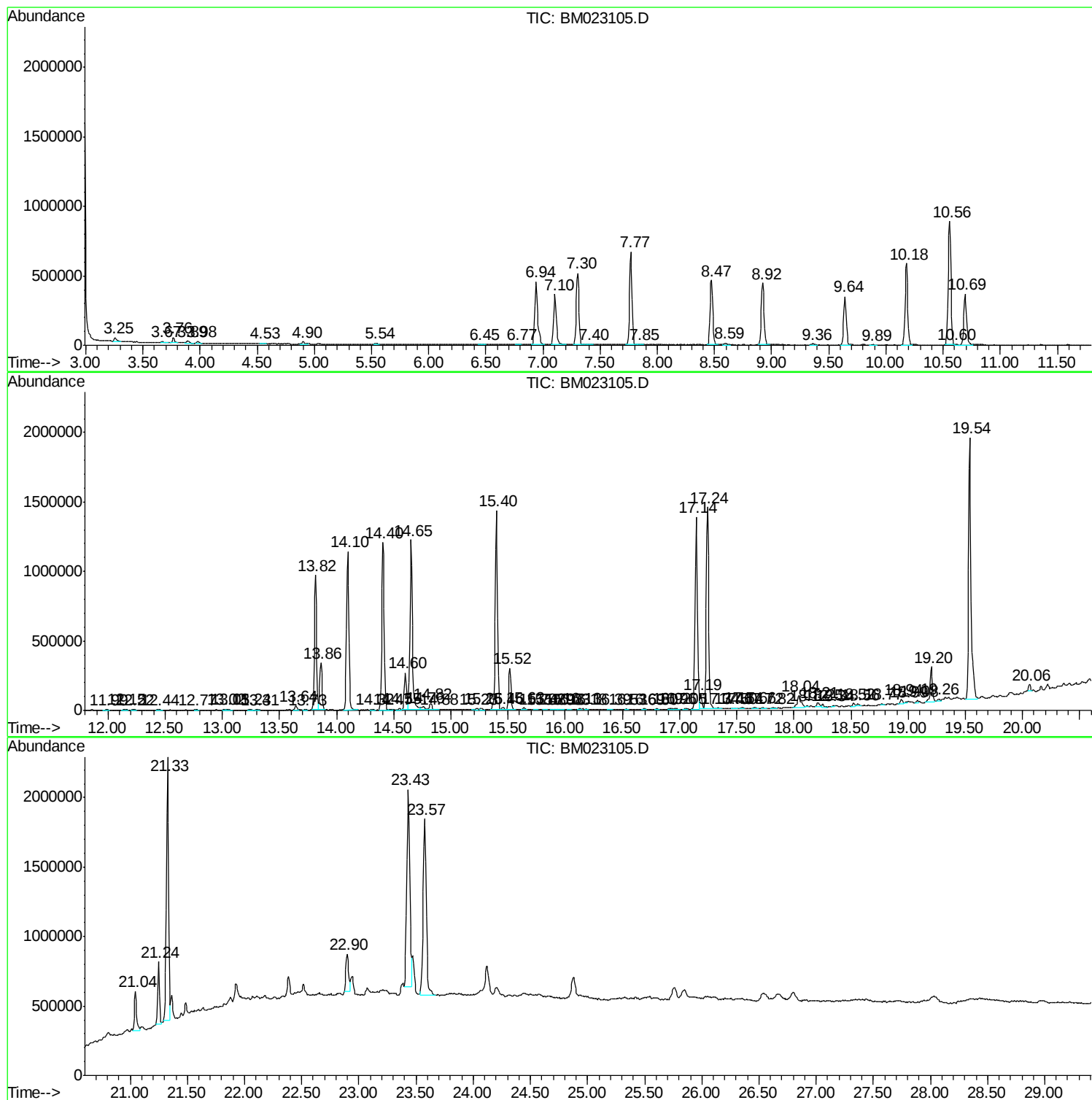
Sum of corrected areas: 35868889

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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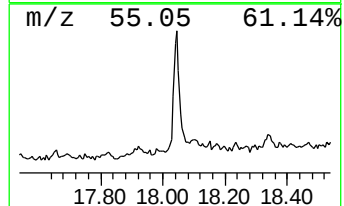
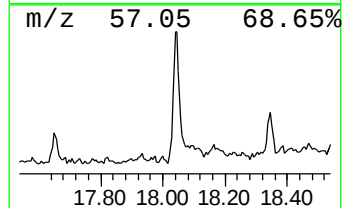
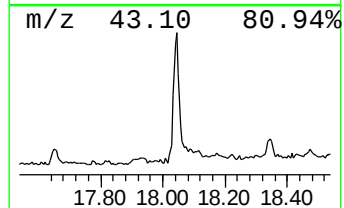
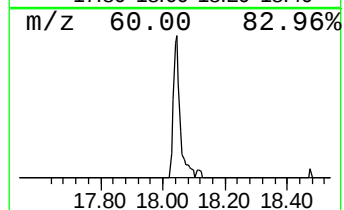
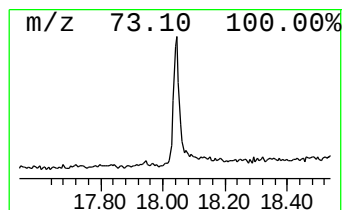
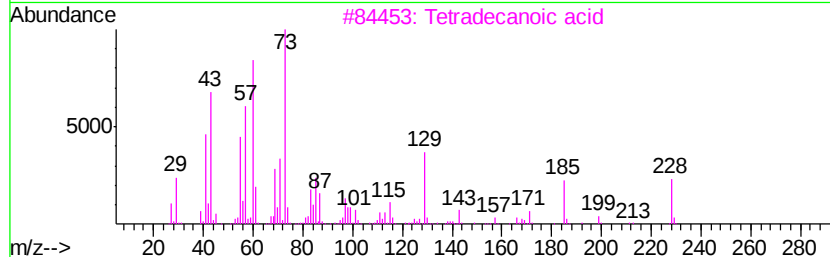
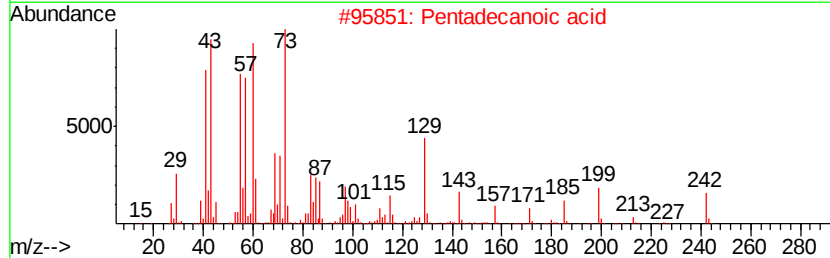
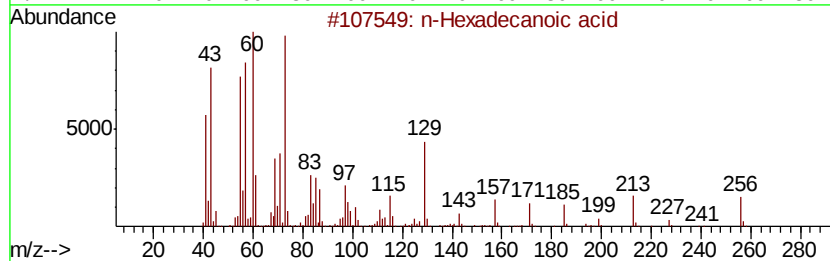
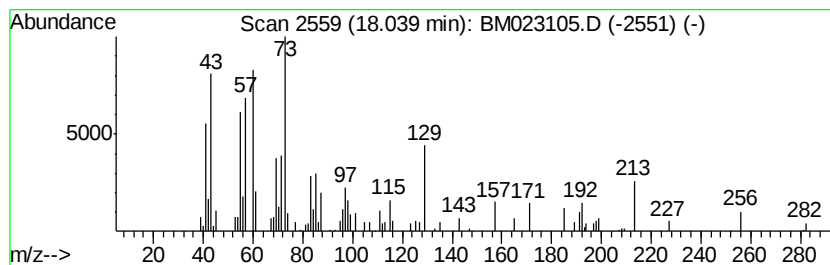
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.04	2.05 ng/ul	199891	Phenanthrene-d10	17.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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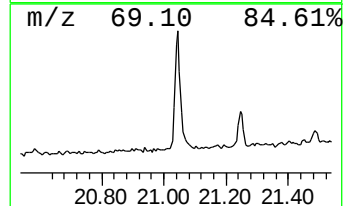
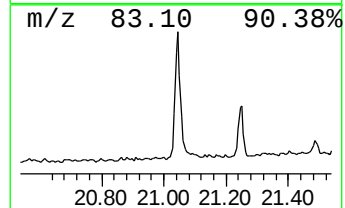
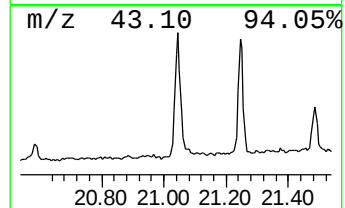
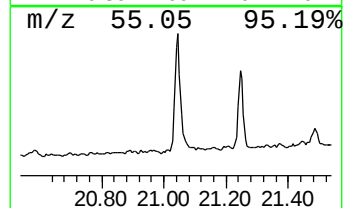
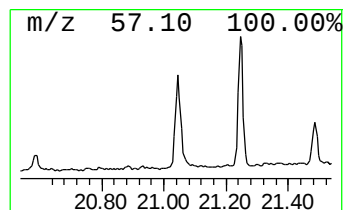
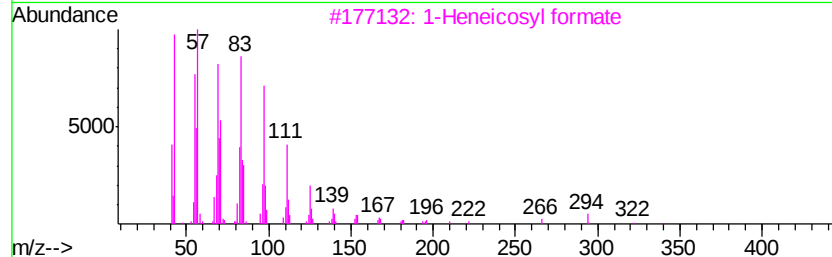
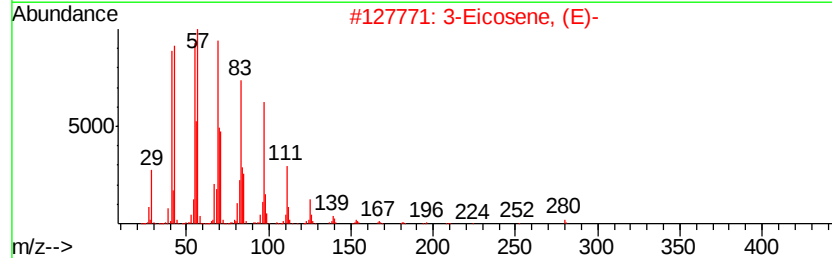
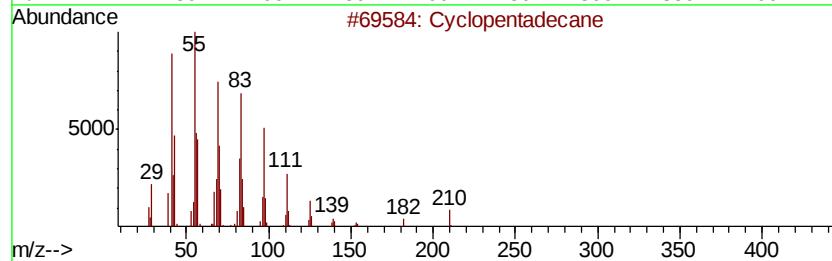
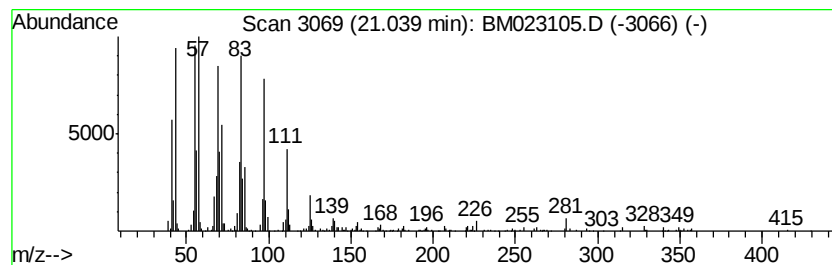
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Peak Number 2 (DEL) Alkane: Cyclic21.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.00 ng/ul	376060	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 98
2		3-Eicosene, (E)-	280 C20H40	074685-33-9 97
3		1-Heneicosyl formate	340 C22H44O2	077899-03-7 94
4		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 94
5		Behenic alcohol	326 C22H46O	000661-19-8 93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.04	2.0	ng/ul	199891	4	17.14	1951230	20.0
(DEL) Alkane: Cyc...	21.04	3.0	ng/ul	376060	5	21.33	2503260	20.0