

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025224.D
 Acq On : 15 Dec 2016 23:13
 Operator : UM/SJ
 Sample : H5995-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA890

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\SOM02.2-EPA-BG113016.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	3.355	87	88	93	rBV4	4901	5279	0.32%	0.059%
2	3.878	173	177	179	rBV2	5339	6502	0.39%	0.072%
3	4.331	252	254	259	rBV5	6714	10359	0.63%	0.115%
4	4.707	317	318	323	rVB3	4914	5812	0.35%	0.065%
5	4.783	328	331	334	rBV2	4175	6637	0.40%	0.074%
6	4.895	347	350	357	rBV4	4309	9544	0.58%	0.106%
7	5.253	408	411	414	rBV3	6362	6494	0.39%	0.072%
8	5.294	415	418	422	rVV3	4385	6995	0.42%	0.078%
9	5.512	453	455	460	rVB4	3966	6375	0.39%	0.071%
10	5.641	472	477	484	rVB6	3120	8121	0.49%	0.090%
11	5.794	499	503	508	rBV5	3693	6733	0.41%	0.075%
12	6.287	585	587	596	rVB7	5706	12626	0.76%	0.141%
13	6.675	651	653	656	rVB3	5221	5294	0.32%	0.059%
14	6.716	656	660	663	rBV3	4565	7883	0.48%	0.088%
15	7.215	743	745	749	rBV4	5325	8291	0.50%	0.092%
16	7.298	756	759	764	rVB3	4540	7884	0.48%	0.088%
17	7.415	771	779	788	rBV2	61101	119273	7.21%	1.328%
18	7.744	834	835	841	rVB3	4519	7374	0.45%	0.082%
19	7.797	841	844	849	rVB4	4855	7682	0.46%	0.086%
20	8.108	893	897	902	rVB3	3889	6553	0.40%	0.073%
21	8.232	906	918	929	rVV	255765	467016	28.22%	5.200%
22	8.367	933	941	943	rBV4	3591	8681	0.52%	0.097%
23	8.438	949	953	956	rVB6	3446	5977	0.36%	0.067%
24	8.608	975	982	983	rVB5	3686	7401	0.45%	0.082%
25	8.661	986	991	993	rBV3	4359	6922	0.42%	0.077%
26	8.784	1006	1012	1017	rBV4	4421	8605	0.52%	0.096%
27	8.996	1046	1048	1052	rBV4	4449	5200	0.31%	0.058%
28	9.172	1076	1078	1081	rBV2	5519	7102	0.43%	0.079%
29	9.331	1101	1105	1110	rBV3	4591	9973	0.60%	0.111%
30	9.501	1132	1134	1138	rVV5	4496	5508	0.33%	0.061%
31	9.724	1167	1172	1179	rBV5	7130	19935	1.20%	0.222%
32	9.818	1185	1188	1193	rVV4	3504	5694	0.34%	0.063%
33	10.030	1221	1224	1229	rVB4	3860	6623	0.40%	0.074%
34	10.388	1278	1285	1287	rBV3	5284	8366	0.51%	0.093%

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35	10.723	1336	1342	1344	rBV5	3477	6093	0.37%	0.068%
36	11.064	1390	1400	1410	rBV	369411	722716	43.68%	8.048%
37	11.487	1469	1472	1474	rBV4	5090	5228	0.32%	0.058%
38	11.845	1530	1533	1537	rBV5	4248	5697	0.34%	0.063%
39	12.027	1561	1564	1569	rBV5	6487	8808	0.53%	0.098%
40	13.203	1759	1764	1766	rBV4	5865	8868	0.54%	0.099%
41	13.314	1778	1783	1784	rVB4	5034	5244	0.32%	0.058%
42	13.438	1801	1804	1810	rBV4	9924	18805	1.14%	0.209%
43	13.631	1832	1837	1841	rBV3	4106	6403	0.39%	0.071%
44	13.720	1842	1852	1854	rVV6	5136	9888	0.60%	0.110%
45	13.913	1880	1885	1893	rVB4	4900	10788	0.65%	0.120%
46	14.019	1897	1903	1904	rBV3	3728	6145	0.37%	0.068%
47	14.295	1940	1950	1958	rBV	154701	247645	14.97%	2.758%
48	14.701	2014	2019	2024	rVB4	13519	23145	1.40%	0.258%
49	14.854	2036	2045	2058	rVB	678585	1111361	67.17%	12.375%
50	14.965	2063	2064	2069	rVB5	4183	6559	0.40%	0.073%
51	15.036	2072	2076	2081	rVB5	5272	8944	0.54%	0.100%
52	15.141	2090	2094	2096	rBV3	5950	7103	0.43%	0.079%
53	15.247	2106	2112	2116	rVB8	7595	13924	0.84%	0.155%
54	15.306	2117	2122	2125	rBV4	6003	8086	0.49%	0.090%
55	15.382	2130	2135	2142	rBV6	7795	15518	0.94%	0.173%
56	15.453	2142	2147	2149	rBV3	4704	5774	0.35%	0.064%
57	15.600	2169	2172	2176	rBV3	9555	12241	0.74%	0.136%
58	15.647	2176	2180	2186	rVB4	35718	52110	3.15%	0.580%
59	15.700	2186	2189	2193	rBV5	7175	10639	0.64%	0.118%
60	15.852	2209	2215	2218	rVB6	11713	18146	1.10%	0.202%
61	15.923	2226	2227	2231	rVB4	6556	6572	0.40%	0.073%
62	15.993	2235	2239	2240	rBV4	5865	5545	0.34%	0.062%
63	16.040	2241	2247	2252	rVV5	13770	27453	1.66%	0.306%
64	16.134	2259	2263	2267	rVB5	7021	8995	0.54%	0.100%
65	16.199	2271	2274	2277	rVB5	7129	8871	0.54%	0.099%
66	16.258	2281	2284	2289	rVB5	8498	14050	0.85%	0.156%
67	16.446	2314	2316	2321	rBV5	6121	10937	0.66%	0.122%
68	16.505	2321	2326	2335	rVB3	44275	90938	5.50%	1.013%
69	16.575	2335	2338	2341	rBV3	4696	7602	0.46%	0.085%
70	16.628	2346	2347	2351	rVB4	5325	5766	0.35%	0.064%
71	16.669	2351	2354	2358	rBV4	5880	8961	0.54%	0.100%

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72	16.787	2369	2374	2378	rBV8	7094	14050	0.85%	0.156%
73	16.845	2380	2384	2387	rVB5	7299	8953	0.54%	0.100%
74	16.892	2391	2392	2397	rVB4	8485	11861	0.72%	0.132%
75	16.963	2397	2404	2408	rBV7	9556	21783	1.32%	0.243%
76	17.004	2409	2411	2415	rVB4	5295	5507	0.33%	0.061%
77	17.292	2454	2460	2464	rBV2	55155	73784	4.46%	0.822%
78	17.339	2465	2468	2473	rVB5	14355	23013	1.39%	0.256%
79	17.392	2474	2477	2485	rVB7	7844	14189	0.86%	0.158%
80	17.456	2485	2488	2490	rBV4	8787	7333	0.44%	0.082%
81	17.527	2495	2500	2503	rVB6	5660	11197	0.68%	0.125%
82	17.597	2503	2512	2525	rBV	847991	1372399	82.94%	15.282%
83	17.838	2549	2553	2558	rVB8	8856	16922	1.02%	0.188%
84	17.909	2562	2565	2568	rBV5	5763	7630	0.46%	0.085%
85	18.032	2581	2586	2591	rVB2	41128	55155	3.33%	0.614%
86	18.320	2629	2635	2642	rBV2	9794	20747	1.25%	0.231%
87	18.432	2648	2654	2666	rBV	135550	234413	14.17%	2.610%
88	18.631	2687	2688	2692	rVB4	5124	6043	0.37%	0.067%
89	18.714	2700	2702	2705	rBV4	10927	10953	0.66%	0.122%
90	18.849	2721	2725	2728	rBV4	4749	6397	0.39%	0.071%
91	18.919	2734	2737	2742	rVB6	6885	8981	0.54%	0.100%
92	19.078	2761	2764	2766	rBV4	5204	6491	0.39%	0.072%
93	19.583	2848	2850	2854	rVB5	11360	14501	0.88%	0.161%
94	19.695	2866	2869	2874	rBV7	24522	34710	2.10%	0.386%
95	19.995	2917	2920	2923	rBV5	10787	11051	0.67%	0.123%
96	21.469	3165	3171	3183	rBV6	96684	251272	15.19%	2.798%
97	21.886	3235	3242	3253	rBV	927233	1654649	100.00%	18.425%
98	23.573	3525	3529	3538	rVB6	32962	70096	4.24%	0.781%
99	25.306	3814	3824	3851	rVB2	437538	1499014	90.59%	16.692%
100	26.393	4003	4009	4019	rVB9	42437	121228	7.33%	1.350%

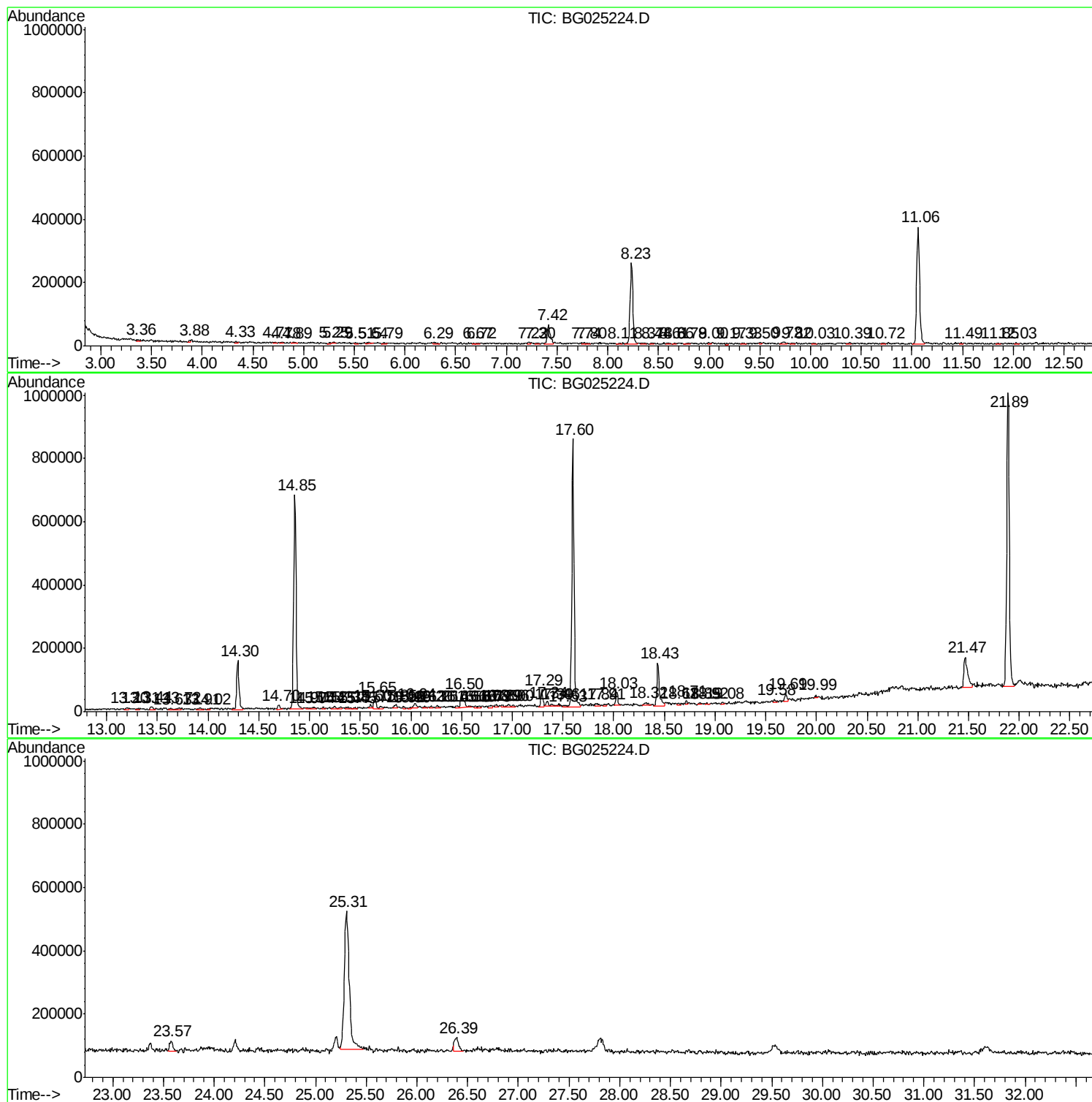
Sum of corrected areas: 8980604

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



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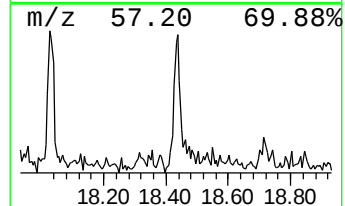
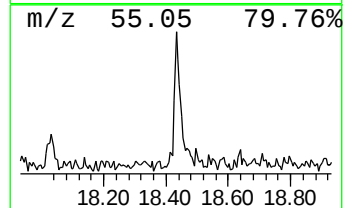
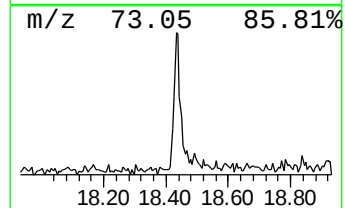
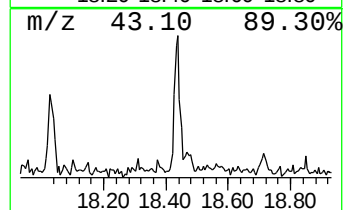
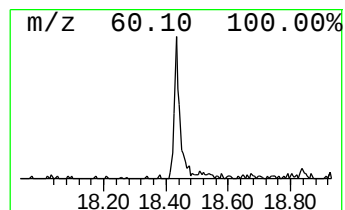
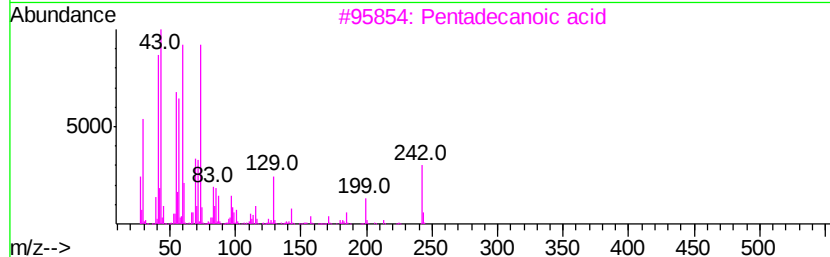
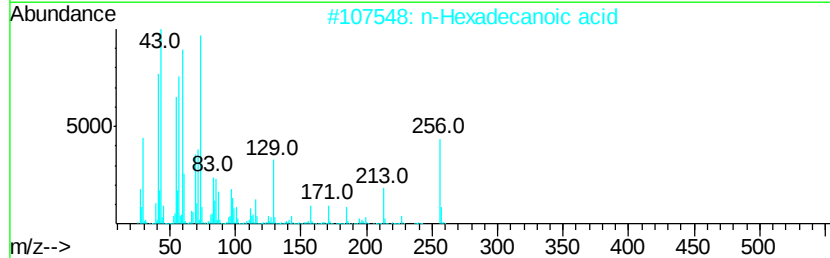
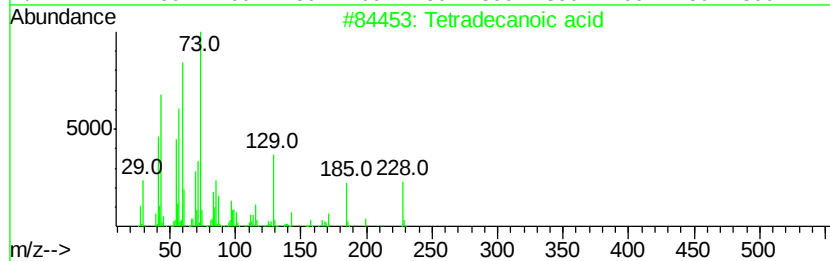
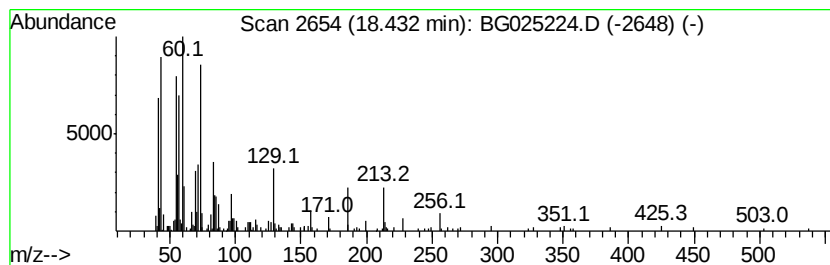
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.42 ng/ul	234413	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	62
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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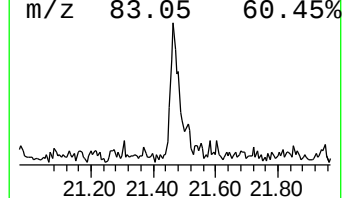
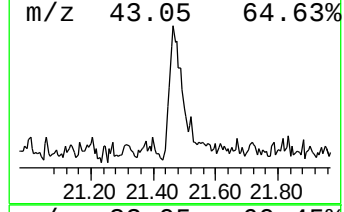
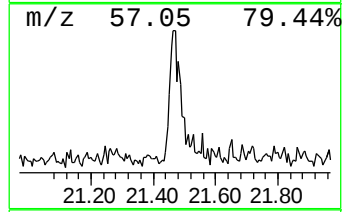
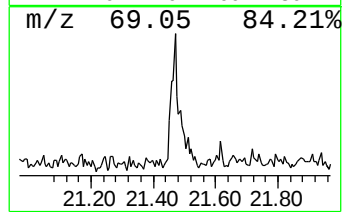
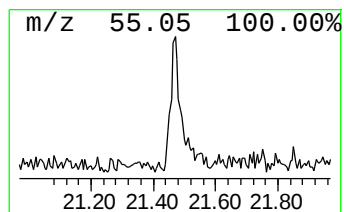
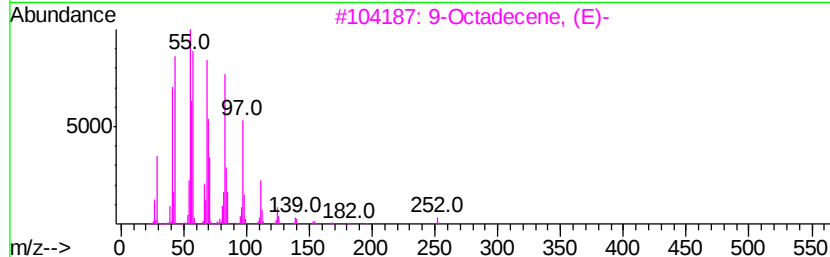
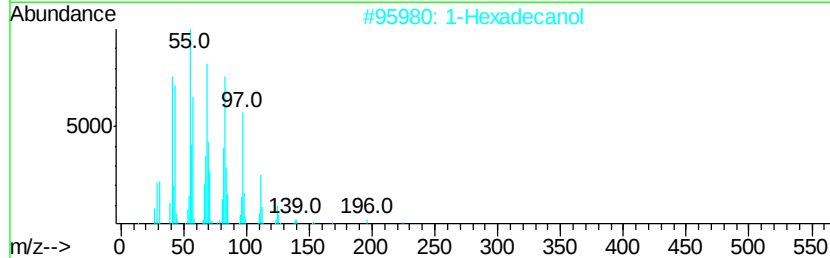
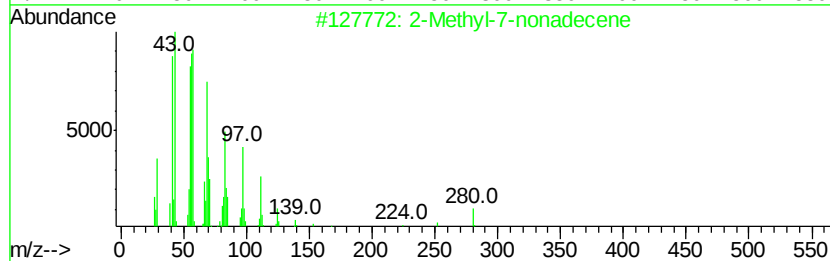
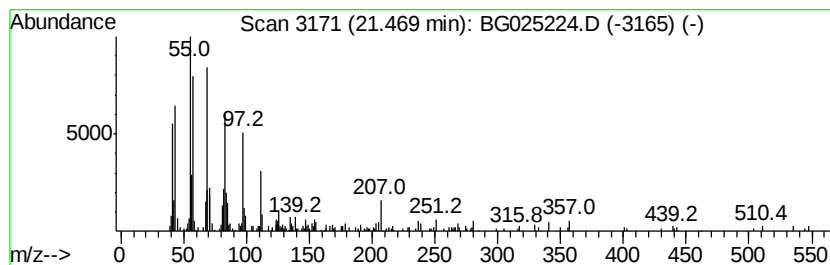
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Peak Number 2 (DEL) Alkane: Cyclic21.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.04 ng/ul	251272	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	90
2		1-Hexadecanol	242	C16H34O	036653-82-4	86
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	86
4		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64
5		1-Eicosene	280	C20H40	003452-07-1	55



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.43	3.4	ng/ul	234413	4	17.60	1372400	20.0
(DEL) Alkane: Cyc...	21.47	3.0	ng/ul	251272	5	21.89	1654650	20.0