

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028554.D
 Acq On : 30 Aug 2017 15:26
 Operator : SJ/JU
 Sample : I4917-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B56

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\SOM-EPA-BG080217.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	3.819	35	39	49	rVB5	9991	18520	1.46%	0.142%
2	3.966	62	64	67	rVB3	2887	2154	0.17%	0.017%
3	3.995	67	69	72	rBV2	2267	2486	0.20%	0.019%
4	4.095	83	86	90	rBV4	2026	3111	0.25%	0.024%
5	4.148	93	95	97	rBV2	2278	2395	0.19%	0.018%
6	4.430	142	143	150	rVB5	2868	4294	0.34%	0.033%
7	4.571	161	167	169	rBV3	1622	3170	0.25%	0.024%
8	4.630	173	177	178	rBV3	2515	2940	0.23%	0.023%
9	4.688	184	187	190	rVB2	2365	2529	0.20%	0.019%
10	5.446	311	316	318	rBV2	2651	3391	0.27%	0.026%
11	5.987	406	408	413	rVB2	1493	2128	0.17%	0.016%
12	6.216	443	447	451	rBV4	1584	2145	0.17%	0.016%
13	6.404	474	479	485	rBV4	3566	4550	0.36%	0.035%
14	6.651	516	521	523	rVB3	1833	2480	0.20%	0.019%
15	6.933	564	569	571	rBV3	1855	2666	0.21%	0.020%
16	7.015	582	583	591	rVB3	1916	3607	0.29%	0.028%
17	7.203	612	615	621	rBV4	1663	2773	0.22%	0.021%
18	7.491	654	664	684	rVB	158812	332025	26.25%	2.549%
19	7.650	684	691	702	rBV	121886	211404	16.71%	1.623%
20	7.873	717	729	741	rVB	157639	291107	23.01%	2.235%
21	7.973	741	746	747	rBV2	1486	2434	0.19%	0.019%
22	8.284	794	799	801	rBV2	2182	2931	0.23%	0.023%
23	8.337	801	808	822	rVV	120233	222641	17.60%	1.709%
24	8.678	865	866	875	rVB7	2085	3440	0.27%	0.026%
25	9.036	919	927	949	rVB	202123	386546	30.56%	2.967%
26	9.406	985	990	992	rVB4	1501	2482	0.20%	0.019%
27	9.506	997	1007	1019	rBV	167882	319541	25.26%	2.453%
28	9.600	1019	1023	1029	rBV6	2956	5282	0.42%	0.041%
29	9.865	1065	1068	1071	rBV2	1844	2306	0.18%	0.018%
30	9.917	1074	1077	1081	rBV4	1989	3192	0.25%	0.025%
31	9.970	1083	1086	1090	rVB3	2215	2259	0.18%	0.017%
32	10.129	1107	1113	1116	rBV3	1312	2433	0.19%	0.019%
33	10.235	1121	1131	1139	rBV	131602	253900	20.07%	1.949%
34	10.482	1167	1173	1176	rBV4	1672	3043	0.24%	0.023%

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35	10.581	1189	1190	1197	rBV2	1423	2413	0.19%	0.019%
36	10.646	1197	1201	1208	rVB3	1220	2671	0.21%	0.021%
37	10.775	1215	1223	1234	rBV	200345	381618	30.17%	2.930%
38	11.157	1278	1288	1299	rVB	170608	316894	25.05%	2.433%
39	11.292	1303	1311	1327	rBV	135999	273763	21.64%	2.102%
40	11.956	1419	1424	1431	rVB3	2073	3802	0.30%	0.029%
41	12.444	1503	1507	1510	rBV3	1427	2215	0.18%	0.017%
42	12.720	1547	1554	1560	rVB2	3122	7156	0.57%	0.055%
43	12.908	1584	1586	1590	rBV3	1758	2093	0.17%	0.016%
44	13.308	1644	1654	1660	rBV4	2167	6310	0.50%	0.048%
45	13.537	1689	1693	1697	rBV3	2311	3272	0.26%	0.025%
46	13.601	1701	1704	1707	rBV4	1788	2145	0.17%	0.016%
47	13.666	1713	1715	1721	rVB4	1977	2842	0.22%	0.022%
48	13.825	1738	1742	1746	rVB4	2137	3349	0.26%	0.026%
49	13.878	1746	1751	1755	rBV3	1646	2697	0.21%	0.021%
50	13.972	1763	1767	1770	rVB	1337	2243	0.18%	0.017%
51	14.013	1770	1774	1776	rBV3	2023	2514	0.20%	0.019%
52	14.254	1811	1815	1817	rBV2	1221	2085	0.16%	0.016%
53	14.336	1821	1829	1834	rBV	428586	649468	51.34%	4.986%
54	14.383	1834	1837	1847	rVB	152539	220326	17.42%	1.691%
55	14.500	1854	1857	1863	rVB5	2287	4841	0.38%	0.037%
56	14.571	1865	1869	1872	rBV3	2060	2341	0.19%	0.018%
57	14.647	1873	1882	1892	rVV	454868	732615	57.92%	5.624%
58	14.724	1892	1895	1901	rVB3	1538	2921	0.23%	0.022%
59	14.800	1901	1908	1915	rBV3	8238	13844	1.09%	0.106%
60	14.876	1918	1921	1924	rVB4	2113	2258	0.18%	0.017%
61	14.947	1924	1933	1942	rBV2	273713	478665	37.84%	3.675%
62	15.053	1948	1951	1956	rBV3	1399	2048	0.16%	0.016%
63	15.153	1960	1968	1990	rBV2	102814	256944	20.31%	1.972%
64	15.352	2000	2002	2008	rVB6	3469	4756	0.38%	0.037%
65	15.423	2008	2014	2018	rVB5	3583	5828	0.46%	0.045%
66	15.505	2020	2028	2029	rBV6	2436	5247	0.41%	0.040%
67	15.558	2029	2037	2038	rBV6	2981	6515	0.52%	0.050%
68	15.587	2039	2042	2043	rVV2	3255	2292	0.18%	0.018%
69	15.752	2066	2070	2076	rVB	17888	24375	1.93%	0.187%
70	15.858	2085	2088	2093	rVV6	1656	2900	0.23%	0.022%
71	15.940	2093	2102	2112	rVB	611625	959744	75.87%	7.368%

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72	16.063	2116	2123	2132	rBV	173069	285811	22.59%	2.194%
73	16.157	2133	2139	2150	rVB9	8916	27584	2.18%	0.212%
74	16.245	2151	2154	2157	rVB5	2697	3291	0.26%	0.025%
75	16.298	2161	2163	2170	rVB6	3647	5789	0.46%	0.044%
76	16.369	2173	2175	2184	rVB5	4245	6199	0.49%	0.048%
77	16.610	2212	2216	2225	rBV4	21355	37695	2.98%	0.289%
78	16.774	2242	2244	2246	rBV3	3444	2375	0.19%	0.018%
79	16.798	2246	2248	2251	rVV3	2168	2851	0.23%	0.022%
80	16.950	2268	2274	2280	rBV5	5516	12922	1.02%	0.099%
81	17.074	2293	2295	2298	rVB3	4404	3237	0.26%	0.025%
82	17.121	2299	2303	2308	rVB5	2652	4262	0.34%	0.033%
83	17.409	2348	2352	2357	rVB4	11830	16090	1.27%	0.124%
84	17.450	2357	2359	2362	rBV3	4196	4037	0.32%	0.031%
85	17.491	2363	2366	2373	rVB7	6923	6426	0.51%	0.049%
86	17.702	2395	2402	2411	rBV	399146	618922	48.93%	4.751%
87	17.802	2411	2419	2430	rVB	694663	1089088	86.10%	8.361%
88	18.143	2475	2477	2486	rVB4	5472	8710	0.69%	0.067%
89	18.325	2505	2508	2512	rBV4	7426	7244	0.57%	0.056%
90	18.549	2540	2546	2554	rBV5	45736	82874	6.55%	0.636%
91	19.706	2740	2743	2748	rVB5	7008	11420	0.90%	0.088%
92	19.947	2780	2784	2790	rBV4	30164	43931	3.47%	0.337%
93	20.076	2798	2806	2819	rVB	863540	1264963	100.00%	9.711%
94	20.987	2959	2961	2967	rVB7	13843	19727	1.56%	0.151%
95	21.604	3060	3066	3077	rBV7	36283	90262	7.14%	0.693%
96	22.033	3131	3139	3148	rVB	420945	753761	59.59%	5.786%
97	23.795	3434	3439	3443	rVB6	20472	34076	2.69%	0.262%
98	25.305	3684	3696	3708	rVB	412098	1252419	99.01%	9.614%
99	25.546	3719	3737	3752	rVB	228986	798148	63.10%	6.127%
100	28.161	4178	4182	4183	rBV4	16339	22074	1.75%	0.169%

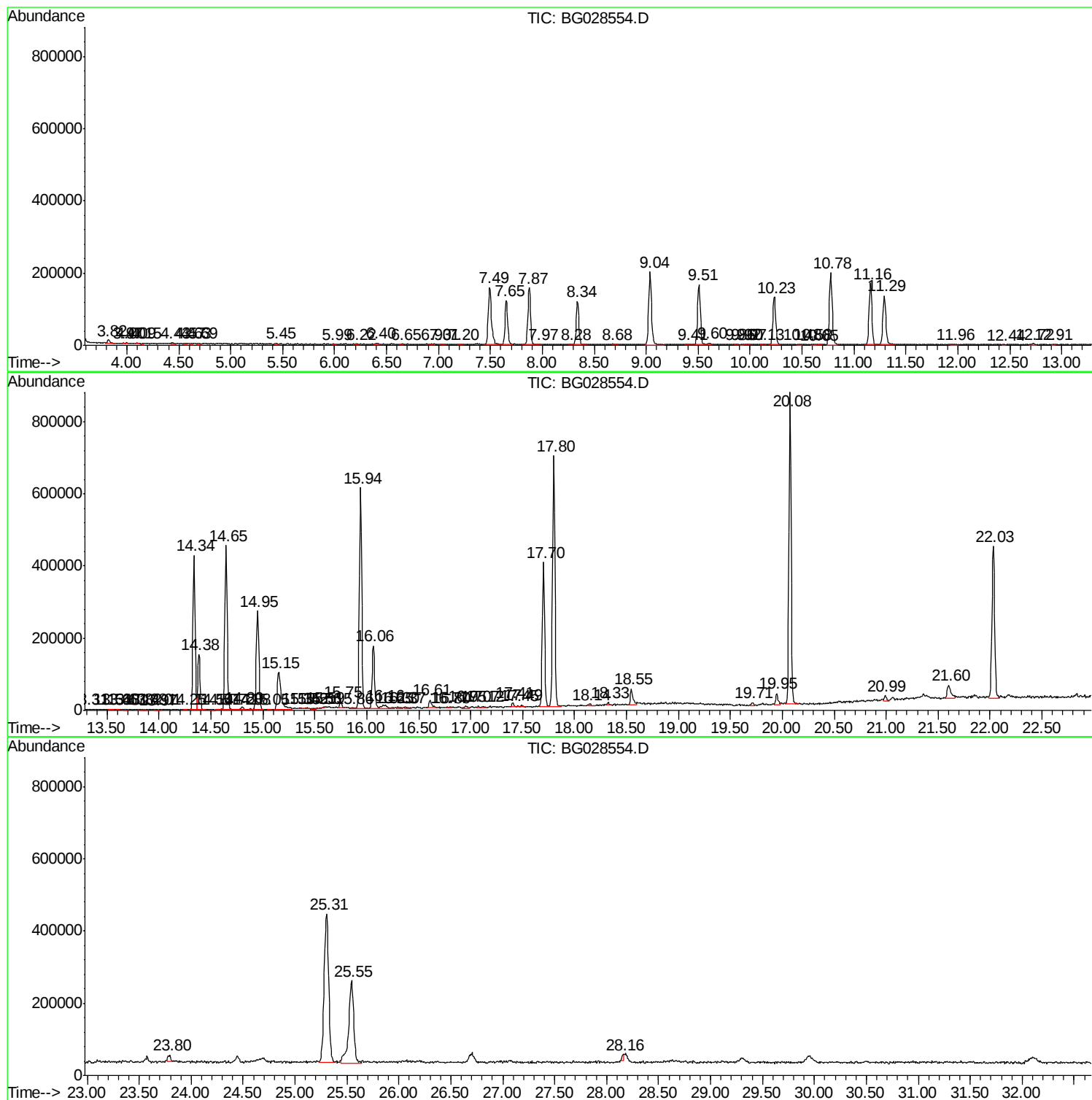
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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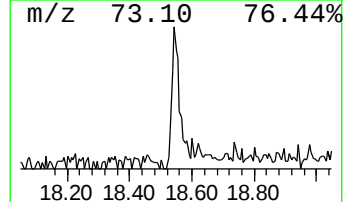
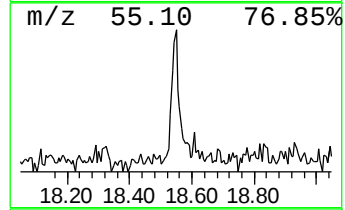
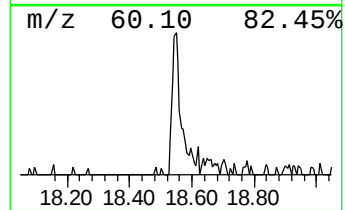
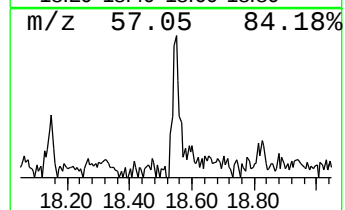
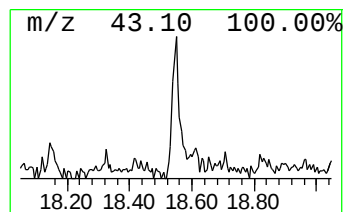
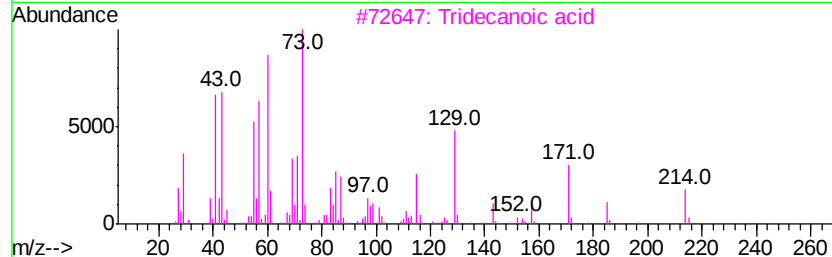
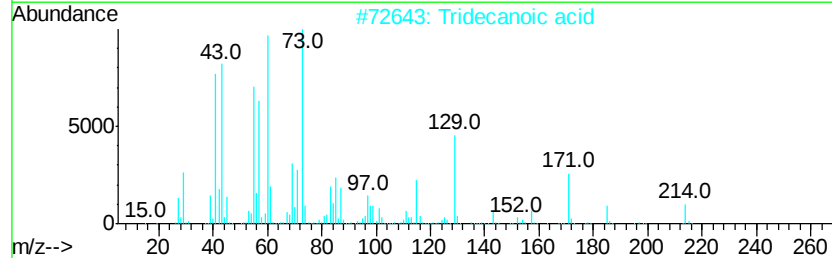
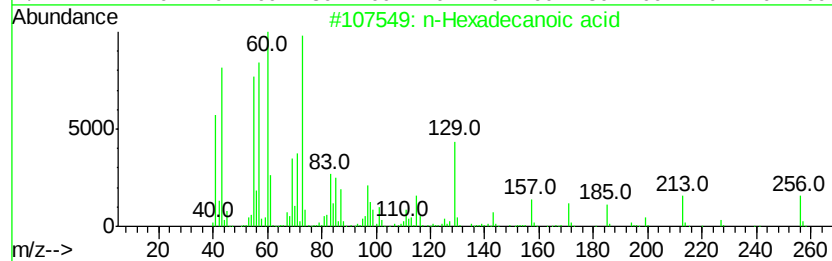
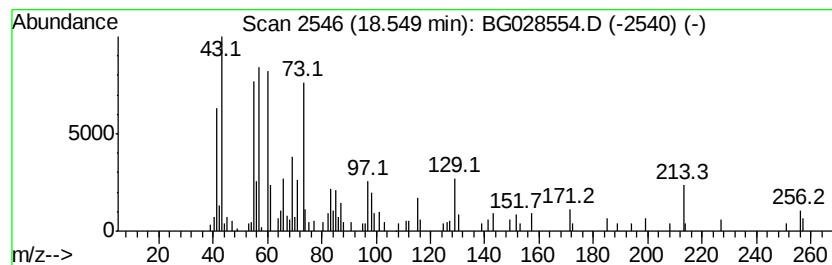
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.68 ng/ul	82874	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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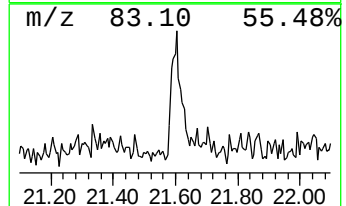
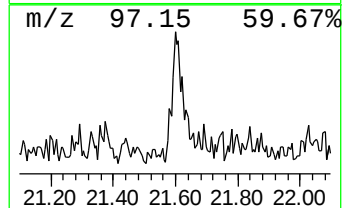
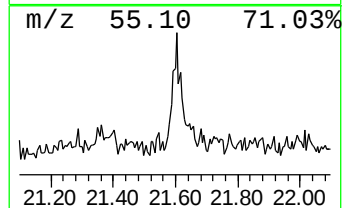
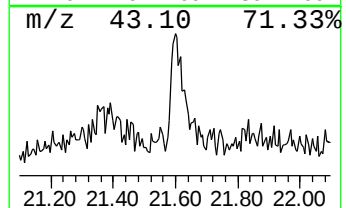
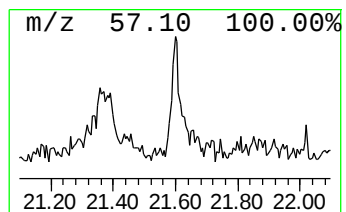
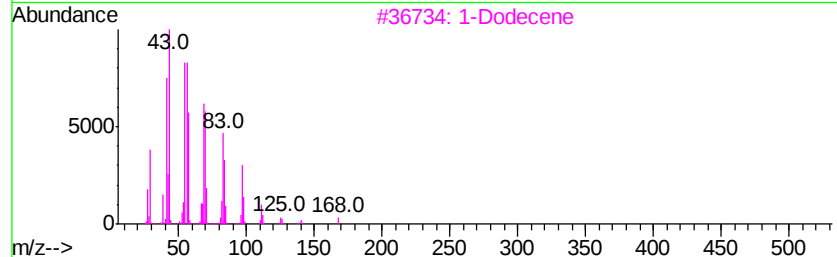
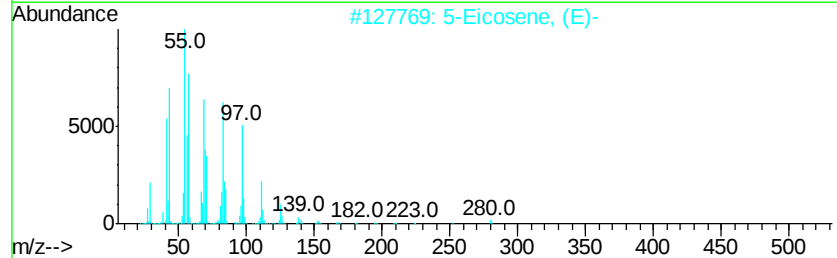
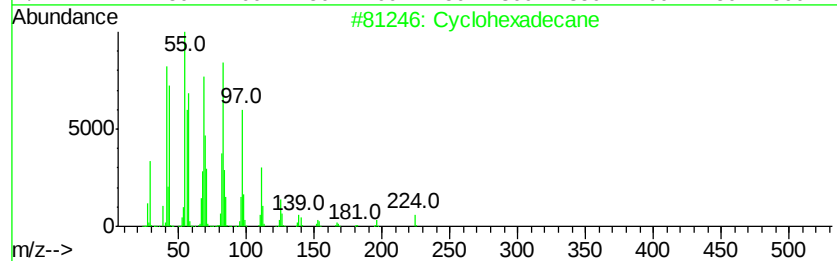
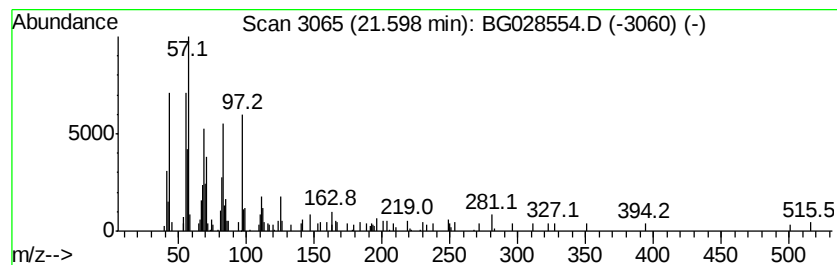
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Peak Number 2 (DEL) Alkane: Cyclic21.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.39 ng/ul	90262	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	86
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	83
3		1-Dodecene	168	C12H24	000112-41-4	52
4		Cycloeicosane	280	C20H40	000296-56-0	50
5		E-10,13,13-Trimethyl-11-tetradec...	296	C19H36O2	1000130-80-8	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	2.7	ng/ul	82874	4	17.70	618922	20.0
(DEL) Alkane: Cyc...	21.60	2.4	ng/ul	90262	5	22.03	753761	20.0