

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003044.D
 Acq On : 02 Nov 2015 01:01
 Operator : UM/IZ
 Sample : G4210-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7D9

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_M\METHODS\SOM02.2-EPA-BM103015.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	3.228	20	24	32	rVB	33488	42841	1.40%	0.119%
2	3.969	146	150	156	rVB	6447	8800	0.29%	0.024%
3	4.887	300	306	311	rBV3	7215	12957	0.42%	0.036%
4	5.193	354	358	363	rBV4	4297	7016	0.23%	0.020%
5	5.851	467	470	477	rVB	3864	6461	0.21%	0.018%
6	5.981	488	492	498	rBV3	3161	6069	0.20%	0.017%
7	6.328	546	551	554	rBV2	6541	8901	0.29%	0.025%
8	6.410	561	565	568	rBV3	4768	7425	0.24%	0.021%
9	6.746	616	622	628	rVV4	9861	20078	0.66%	0.056%
10	6.928	646	653	662	rBV	565454	927029	30.36%	2.578%
11	7.098	676	682	690	rBV	480832	724148	23.72%	2.014%
12	7.298	709	716	725	rVB	608498	965372	31.62%	2.685%
13	7.416	729	736	739	rBV2	3597	6439	0.21%	0.018%
14	7.769	786	796	802	rVV	509595	829058	27.15%	2.306%
15	7.828	802	806	811	rVB2	12922	20766	0.68%	0.058%
16	7.957	822	828	831	rVB2	4033	6068	0.20%	0.017%
17	8.028	831	840	841	rBV3	3199	6640	0.22%	0.018%
18	8.057	841	845	853	rVB5	5005	10434	0.34%	0.029%
19	8.310	880	888	898	rVB6	2447	7638	0.25%	0.021%
20	8.463	905	914	921	rBV	736002	1164084	38.13%	3.238%
21	8.528	921	925	933	rVB3	13342	21968	0.72%	0.061%
22	8.863	970	982	985	rBV5	9844	23082	0.76%	0.064%
23	8.922	985	992	1005	rVV	531423	848509	27.79%	2.360%
24	9.028	1005	1010	1015	rVV	26246	41303	1.35%	0.115%
25	9.081	1015	1019	1022	rVV3	3845	6242	0.20%	0.017%
26	9.639	1107	1114	1126	rVB	413530	678148	22.21%	1.886%
27	9.857	1146	1151	1158	rBV	13762	21414	0.70%	0.060%
28	10.175	1198	1205	1214	rBV	724345	1167877	38.25%	3.248%
29	10.557	1263	1270	1277	rBV	721294	1189692	38.97%	3.309%
30	10.692	1285	1293	1308	rVB	566585	937211	30.70%	2.607%
31	12.145	1535	1540	1546	rVB2	10305	16547	0.54%	0.046%
32	12.375	1571	1579	1584	rVB2	15033	24378	0.80%	0.068%
33	12.669	1625	1629	1634	rBV2	21423	30957	1.01%	0.086%
34	12.763	1640	1645	1650	rBV2	9409	14046	0.46%	0.039%

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35	13.016	1682	1688	1693	rVB2	14116	20721	0.68%	0.058%
36	13.233	1722	1725	1730	rVB2	5268	8022	0.26%	0.022%
37	13.322	1732	1740	1745	rBV4	6351	12948	0.42%	0.036%
38	13.627	1788	1792	1795	rBV2	4260	6027	0.20%	0.017%
39	13.763	1812	1815	1818	rBV4	11212	14447	0.47%	0.040%
40	13.816	1818	1824	1828	rVV	1172123	1647596	53.96%	4.583%
41	13.863	1828	1832	1841	rVV	676946	928832	30.42%	2.583%
42	13.933	1841	1844	1850	rVB2	4460	7144	0.23%	0.020%
43	14.104	1866	1873	1884	rVB	1352388	2048922	67.11%	5.699%
44	14.310	1903	1908	1913	rBV	40400	51651	1.69%	0.144%
45	14.410	1917	1925	1932	rBV2	967710	1462630	47.91%	4.068%
46	14.592	1949	1956	1963	rBV	426087	604247	19.79%	1.681%
47	14.757	1978	1984	1989	rBV4	7152	16010	0.52%	0.045%
48	14.822	1989	1995	2000	rVV3	62260	96564	3.16%	0.269%
49	14.869	2000	2003	2007	rVV	8112	12601	0.41%	0.035%
50	14.927	2009	2013	2016	rVV4	13927	23079	0.76%	0.064%
51	14.963	2016	2019	2023	rVV2	15972	27123	0.89%	0.075%
52	14.998	2023	2025	2031	rVB2	8498	10529	0.34%	0.029%
53	15.157	2047	2052	2057	rVB5	3299	7444	0.24%	0.021%
54	15.210	2057	2061	2066	rBV3	14693	24655	0.81%	0.069%
55	15.263	2066	2070	2075	rVV	78930	98621	3.23%	0.274%
56	15.327	2075	2081	2083	rVV5	6183	9849	0.32%	0.027%
57	15.404	2087	2094	2100	rVV	1750371	2507383	82.12%	6.974%
58	15.457	2100	2103	2107	rVV	8372	9893	0.32%	0.028%
59	15.516	2107	2113	2120	rVV	323041	433274	14.19%	1.205%
60	15.645	2130	2135	2137	rBV	28158	41620	1.36%	0.116%
61	15.710	2143	2146	2151	rVB4	5893	9710	0.32%	0.027%
62	15.769	2151	2156	2160	rVB3	13492	20930	0.69%	0.058%
63	15.821	2160	2165	2166	rBV2	12140	14130	0.46%	0.039%
64	15.845	2166	2169	2172	rVV	16402	22770	0.75%	0.063%
65	15.886	2172	2176	2181	rVB3	10332	14580	0.48%	0.041%
66	16.127	2212	2217	2219	rBV	84607	112937	3.70%	0.314%
67	16.298	2242	2246	2250	rVB3	13697	17781	0.58%	0.049%
68	16.351	2251	2255	2259	rVV6	4117	7026	0.23%	0.020%
69	16.392	2259	2262	2268	rVB5	4668	6693	0.22%	0.019%
70	16.463	2268	2274	2279	rBV3	13659	35362	1.16%	0.098%
71	16.551	2283	2289	2293	rVV5	18174	35079	1.15%	0.098%

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72	16.633	2298	2303	2308	rBV4	7402	13376	0.44%	0.037%
73	16.698	2311	2314	2317	rBV	15644	17511	0.57%	0.049%
74	16.915	2347	2351	2355	rVV	58545	77254	2.53%	0.215%
75	16.968	2356	2360	2370	rVB	43297	70998	2.33%	0.197%
76	17.068	2372	2377	2385	rVB8	5169	8541	0.28%	0.024%
77	17.151	2385	2391	2396	rBV2	1128506	1640301	53.72%	4.562%
78	17.192	2396	2398	2402	rVV	83032	107666	3.53%	0.299%
79	17.251	2402	2408	2420	rVB2	1813099	2603829	85.28%	7.242%
80	17.392	2429	2432	2437	rBV4	6571	11469	0.38%	0.032%
81	17.439	2437	2440	2450	rVB	18208	27805	0.91%	0.077%
82	17.521	2450	2454	2456	rBV4	8703	13046	0.43%	0.036%
83	17.651	2470	2476	2483	rBV2	29199	49463	1.62%	0.138%
84	17.945	2522	2526	2530	rBV3	10343	15169	0.50%	0.042%
85	18.045	2538	2543	2553	rBV2	180773	278177	9.11%	0.774%
86	18.210	2569	2571	2576	rBV4	7857	10542	0.35%	0.029%
87	18.368	2595	2598	2603	rVB4	21204	28468	0.93%	0.079%
88	19.145	2727	2730	2733	rBV2	15333	22176	0.73%	0.062%
89	19.180	2733	2736	2738	rVV2	35598	46608	1.53%	0.130%
90	19.209	2738	2741	2748	rVB	113426	155522	5.09%	0.433%
91	19.274	2750	2752	2755	rVB3	18430	18081	0.59%	0.050%
92	19.333	2757	2762	2771	rBV	119064	196125	6.42%	0.546%
93	19.433	2776	2779	2785	rVV2	21607	38613	1.26%	0.107%
94	19.551	2793	2799	2812	rBV	2034437	3025007	99.08%	8.414%
95	19.745	2828	2832	2838	rVB7	24053	47382	1.55%	0.132%
96	20.321	2928	2930	2937	rVB2	48629	61479	2.01%	0.171%
97	21.051	3051	3054	3062	rVB	246634	293959	9.63%	0.818%
98	21.339	3098	3103	3114	rVB	1437418	1963218	64.30%	5.461%
99	23.468	3457	3465	3479	rVB	1552009	3053176	100.00%	8.492%
100	23.609	3482	3489	3497	rVB	954936	1819124	59.58%	5.060%

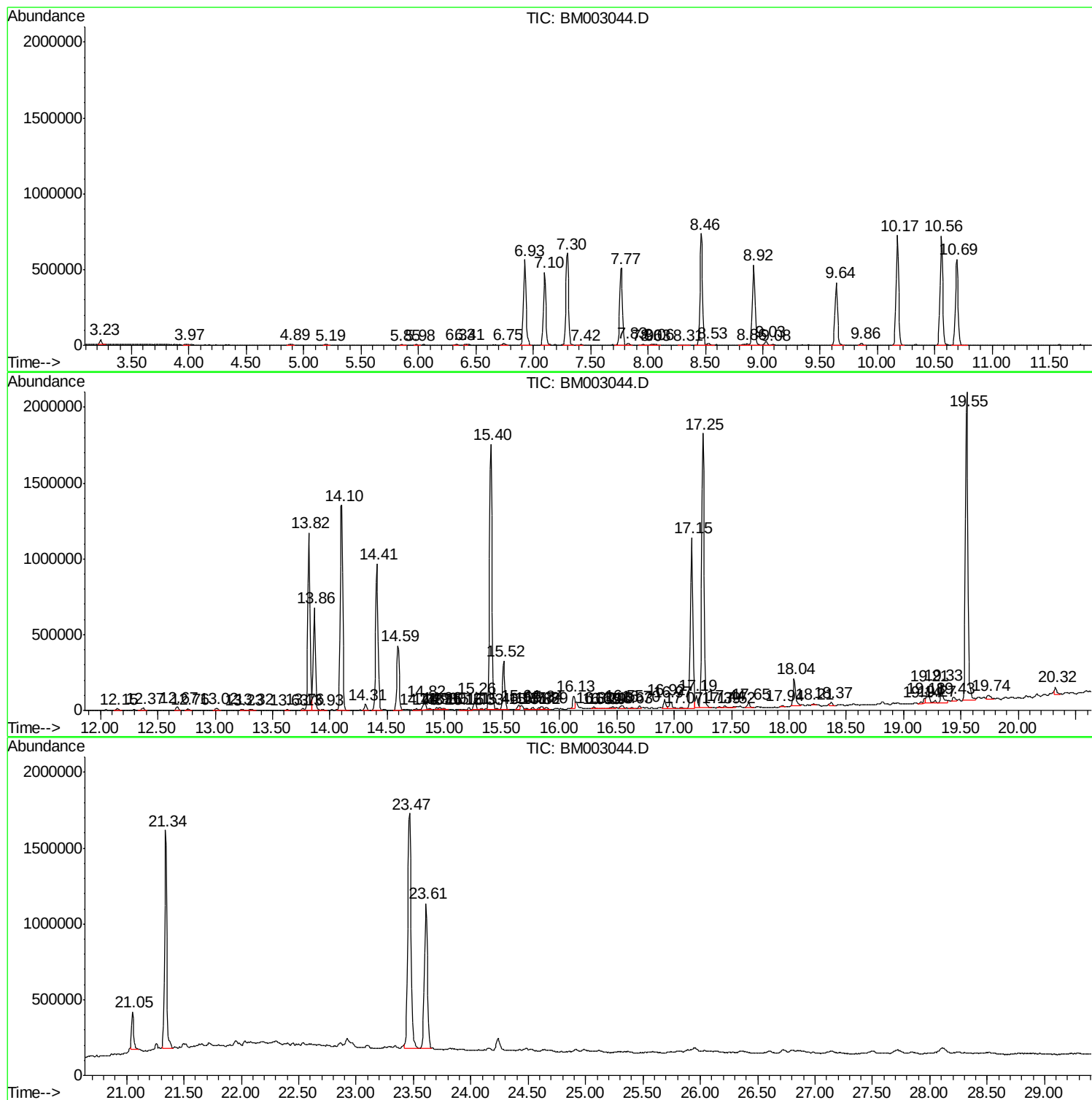
Sum of corrected areas: 35952513

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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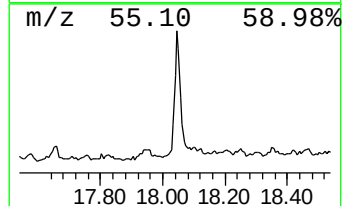
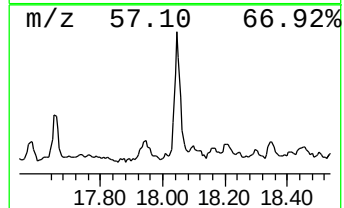
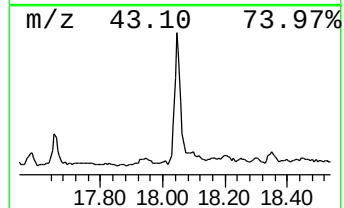
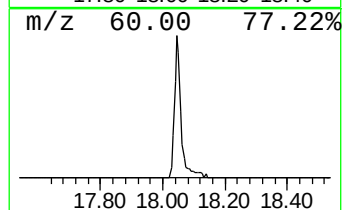
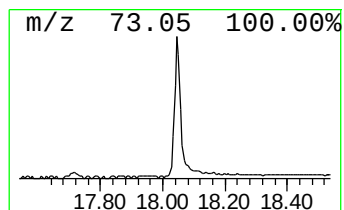
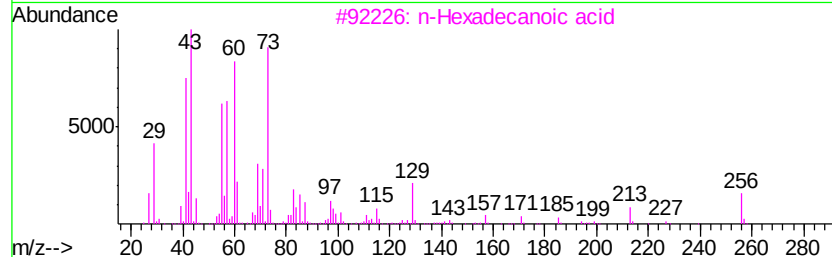
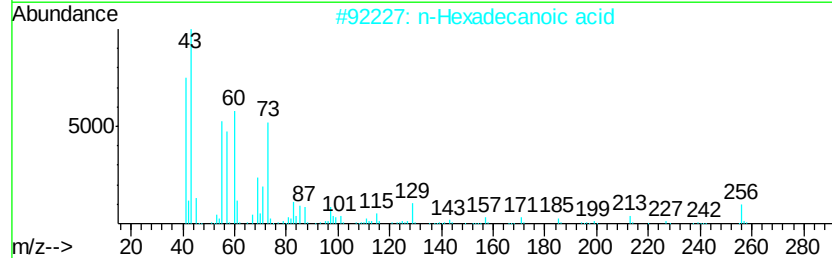
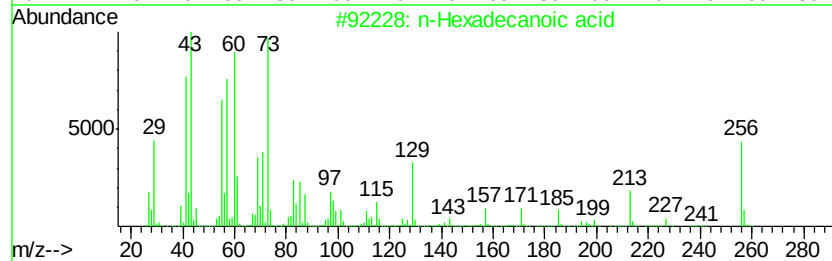
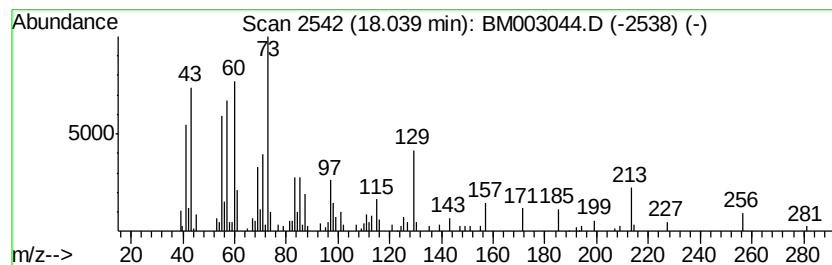
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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.
18.04	3.39 ng/ul	278177	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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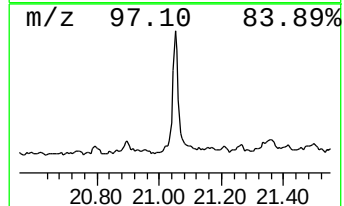
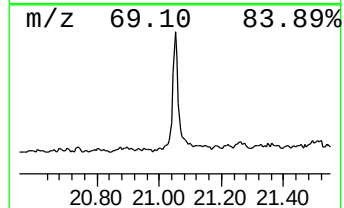
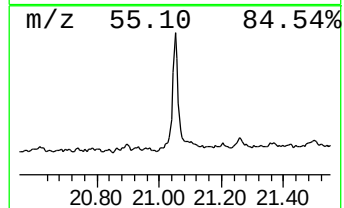
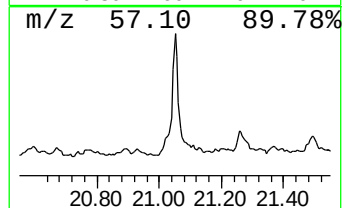
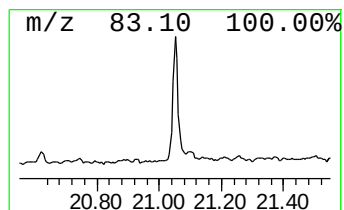
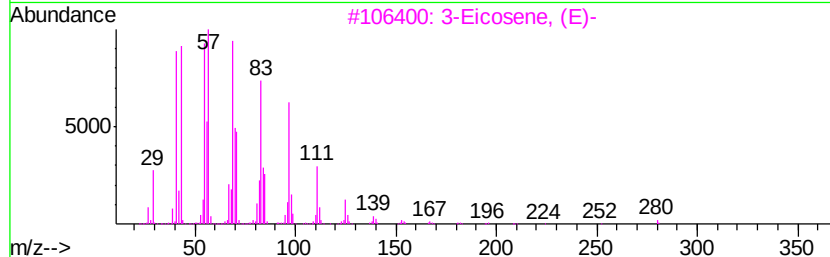
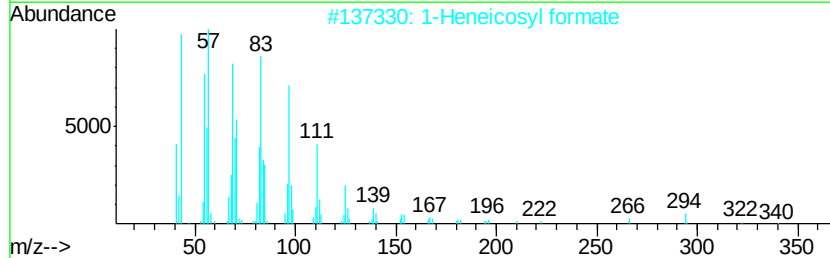
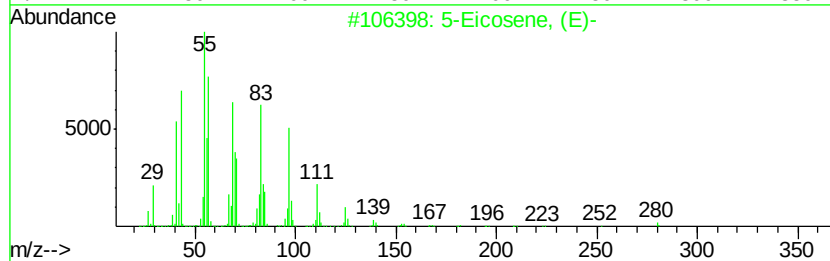
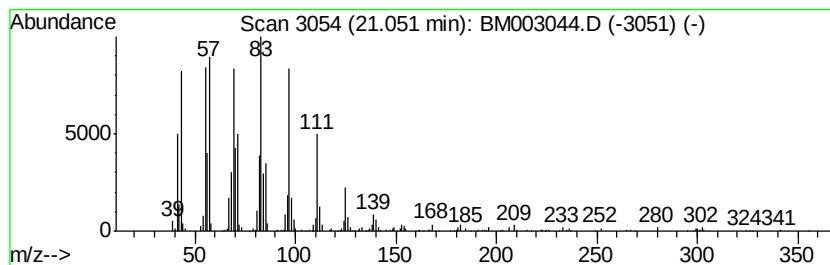
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic21.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.99 ng/ul	293959	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	92
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		1-Nonadecanol	284	C19H40O	001454-84-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.04	3.4	ng/ul	278177	4	17.15	1640300	20.0
(DEL) Alkane: Cyc...	21.05	3.0	ng/ul	293959	5	21.34	1963220	20.0