

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001984.D
 Acq On : 20 Jul 2015 21:19
 Operator : TP/UM
 Sample : G3000-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B2

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 : S:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.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	2.793	14	18	20	rBV4	3225	4151	0.22%	0.016%
2	2.834	21	25	28	rVV2	5847	9001	0.47%	0.035%
3	2.875	28	32	36	rVV	24057	30891	1.62%	0.119%
4	3.134	72	76	84	rVB	23163	28798	1.51%	0.111%
5	3.399	117	121	130	rVB	22601	30088	1.58%	0.116%
6	3.657	160	165	167	rBV2	3141	4075	0.21%	0.016%
7	3.687	167	170	173	rVB2	2647	2832	0.15%	0.011%
8	3.863	198	200	206	rVB	1835	2837	0.15%	0.011%
9	4.228	260	262	267	rVB3	1789	1994	0.10%	0.008%
10	5.116	409	413	417	rBV	5953	10136	0.53%	0.039%
11	6.175	590	593	599	rBB	2718	3573	0.19%	0.014%
12	6.663	670	676	684	rBB	11293	19136	1.00%	0.074%
13	6.828	697	704	714	rBB	446687	721244	37.88%	2.771%
14	6.992	723	732	741	rBB	344869	515022	27.05%	1.979%
15	7.187	758	765	773	rBB	481669	747916	39.28%	2.874%
16	7.651	838	844	852	rBB	435934	700000	36.76%	2.690%
17	8.363	958	965	975	rBV	598329	939708	49.35%	3.611%
18	8.816	1035	1042	1050	rBB	422569	678008	35.61%	2.605%
19	8.934	1057	1062	1072	rVB	25742	45763	2.40%	0.176%
20	9.533	1157	1164	1172	rVB	353711	569227	29.89%	2.187%
21	9.769	1200	1204	1206	rBV2	2017	2552	0.13%	0.010%
22	10.069	1247	1255	1263	rBV	595302	997542	52.39%	3.833%
23	10.216	1277	1280	1284	rBV	2124	2776	0.15%	0.011%
24	10.445	1311	1319	1326	rBV	625576	1023425	53.75%	3.932%
25	10.586	1336	1343	1352	rBV	476939	780821	41.01%	3.000%
26	11.233	1447	1453	1456	rBB3	3264	3839	0.20%	0.015%
27	12.651	1689	1694	1700	rVB3	5022	8014	0.42%	0.031%
28	12.904	1733	1737	1742	rVB	10196	13458	0.71%	0.052%
29	13.198	1782	1787	1791	rVB	3143	4966	0.26%	0.019%
30	13.727	1870	1877	1881	rBV	891886	1283122	67.38%	4.930%
31	13.768	1881	1884	1890	rVB	607217	822927	43.22%	3.162%
32	14.004	1917	1924	1932	rVB	1007670	1471493	77.28%	5.654%
33	14.204	1955	1958	1962	rVB	13293	15788	0.83%	0.061%
34	14.310	1970	1976	1985	rVB2	897596	1373396	72.13%	5.277%

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 Title : SVOA CALIBRATION

35	14.374	1985	1987	1990	rBV	2000	2065	0.11%	0.008%
36	14.521	2005	2012	2024	rBV	386527	570149	29.94%	2.191%
37	14.657	2031	2035	2036	rBV2	3126	4619	0.24%	0.018%
38	14.674	2036	2038	2041	rVV3	5048	4998	0.26%	0.019%
39	14.710	2041	2044	2050	rVV5	4541	7770	0.41%	0.030%
40	14.827	2058	2064	2068	rBV	4576	7566	0.40%	0.029%
41	14.868	2068	2071	2072	rVV2	3186	3571	0.19%	0.014%
42	14.892	2073	2075	2081	rVB2	3108	3814	0.20%	0.015%
43	14.980	2086	2090	2094	rVB	3959	4611	0.24%	0.018%
44	15.110	2107	2112	2116	rVV	23639	31146	1.64%	0.120%
45	15.163	2116	2121	2127	rVB	35145	43764	2.30%	0.168%
46	15.221	2127	2131	2135	rVB2	2640	4062	0.21%	0.016%
47	15.257	2135	2137	2139	rBV2	2100	2488	0.13%	0.010%
48	15.310	2139	2146	2152	rVV	1226290	1744453	91.61%	6.703%
49	15.368	2152	2156	2159	rVV3	5819	7946	0.42%	0.031%
50	15.433	2162	2167	2174	rVV	130447	171182	8.99%	0.658%
51	15.563	2181	2189	2194	rBV2	11088	25393	1.33%	0.098%
52	15.604	2195	2196	2200	rVV2	2686	3198	0.17%	0.012%
53	15.662	2200	2206	2210	rVV3	3075	5704	0.30%	0.022%
54	15.721	2213	2216	2222	rVB3	4015	7779	0.41%	0.030%
55	15.780	2222	2226	2231	rBV3	6000	10016	0.53%	0.038%
56	15.868	2236	2241	2246	rBV5	5119	9951	0.52%	0.038%
57	15.968	2256	2258	2262	rVB4	1847	2273	0.12%	0.009%
58	16.021	2262	2267	2276	rBV	42224	75778	3.98%	0.291%
59	16.080	2276	2277	2282	rVB4	2389	2386	0.13%	0.009%
60	16.204	2293	2298	2301	rBV4	5091	7343	0.39%	0.028%
61	16.362	2321	2325	2328	rBV2	4559	8108	0.43%	0.031%
62	16.421	2333	2335	2340	rVV3	4882	7489	0.39%	0.029%
63	16.468	2340	2343	2344	rVV3	2864	3280	0.17%	0.013%
64	16.480	2344	2345	2348	rVV2	3722	3354	0.18%	0.013%
65	16.533	2351	2354	2357	rVV2	3962	4327	0.23%	0.017%
66	16.604	2361	2366	2367	rBV3	3478	4359	0.23%	0.017%
67	16.627	2367	2370	2374	rVB5	2445	4082	0.21%	0.016%
68	16.704	2381	2383	2387	rVB4	1701	2239	0.12%	0.009%
69	16.815	2398	2402	2405	rBV	48194	55375	2.91%	0.213%
70	16.868	2405	2411	2416	rVB3	16318	28894	1.52%	0.111%
71	17.062	2437	2444	2449	rBV	1113152	1570624	82.48%	6.035%

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72	17.104	2449	2451	2454	rVV	23317	26827	1.41%	0.103%
73	17.157	2454	2460	2471	rVB	1292868	1904179	100.00%	7.317%
74	17.245	2473	2475	2478	rVB3	3526	3285	0.17%	0.013%
75	17.280	2478	2481	2486	rBV5	3613	6563	0.34%	0.025%
76	17.345	2488	2492	2500	rVB4	6497	11678	0.61%	0.045%
77	17.445	2504	2509	2523	rVV4	68292	139059	7.30%	0.534%
78	17.551	2523	2527	2533	rVB	53069	67935	3.57%	0.261%
79	17.674	2545	2548	2549	rBV3	2015	2191	0.12%	0.008%
80	17.721	2554	2556	2562	rVB4	3584	5075	0.27%	0.020%
81	17.827	2571	2574	2579	rBV6	3679	6370	0.33%	0.024%
82	17.951	2589	2595	2605	rBV2	140426	224422	11.79%	0.862%
83	18.027	2606	2608	2611	rVB2	8799	8897	0.47%	0.034%
84	18.056	2611	2613	2615	rBV3	3939	4022	0.21%	0.015%
85	18.127	2622	2625	2628	rBV3	8388	11045	0.58%	0.042%
86	18.245	2641	2645	2650	rBV2	37029	51192	2.69%	0.197%
87	18.380	2664	2668	2674	rVB2	101595	116913	6.14%	0.449%
88	18.439	2676	2678	2682	rVB5	6396	8567	0.45%	0.033%
89	18.486	2682	2686	2690	rBV6	6076	10090	0.53%	0.039%
90	18.556	2697	2698	2701	rBV2	5516	4284	0.22%	0.016%
91	18.886	2751	2754	2758	rBV3	10253	12670	0.67%	0.049%
92	19.121	2790	2794	2801	rBV	55536	78830	4.14%	0.303%
93	19.186	2801	2805	2808	rBV6	11089	15472	0.81%	0.059%
94	19.239	2810	2814	2817	rBV3	32803	43900	2.31%	0.169%
95	19.462	2846	2852	2863	rBV	1257387	1855854	97.46%	7.131%
96	20.968	3105	3108	3118	rBV2	126603	195821	10.28%	0.752%
97	21.168	3140	3142	3146	rVB	56194	56839	2.98%	0.218%
98	21.256	3152	3157	3162	rBV	1135884	1407245	73.90%	5.407%
99	23.344	3506	3512	3517	rBV2	676246	1213137	63.71%	4.661%
100	23.485	3530	3536	3547	rVB	613490	1208591	63.47%	4.644%

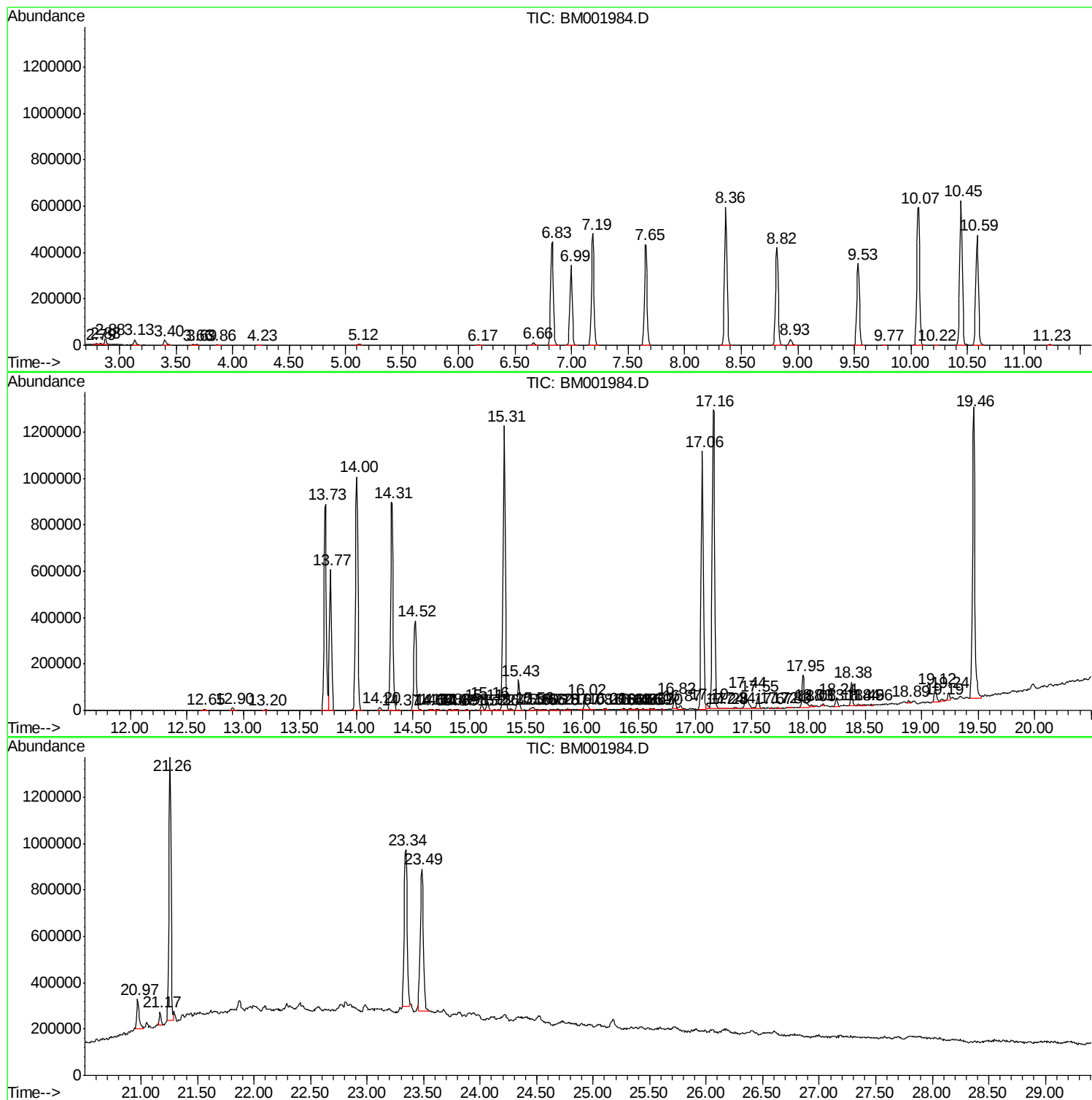
Sum of corrected areas: 26025628

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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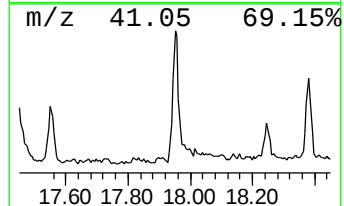
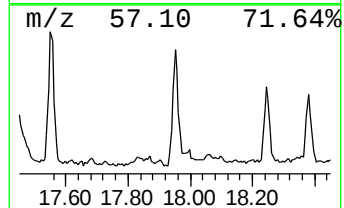
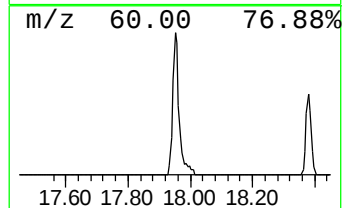
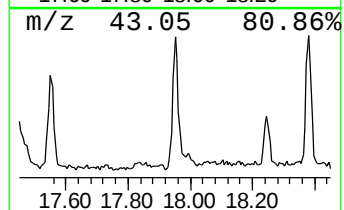
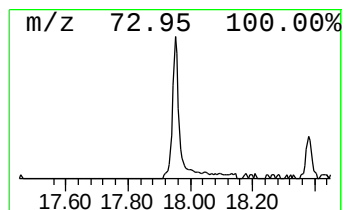
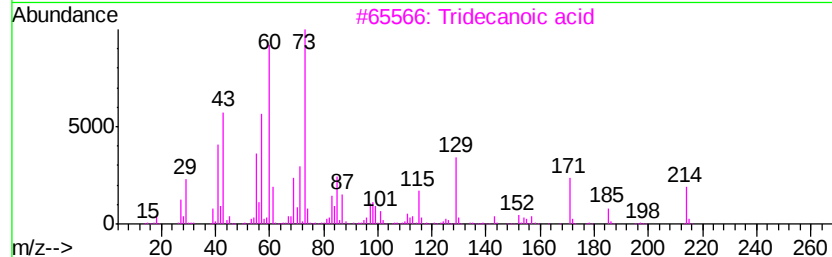
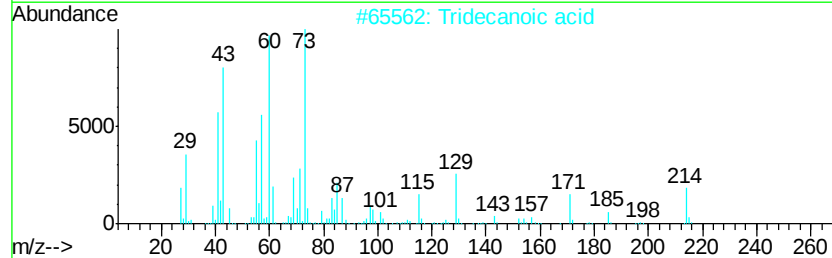
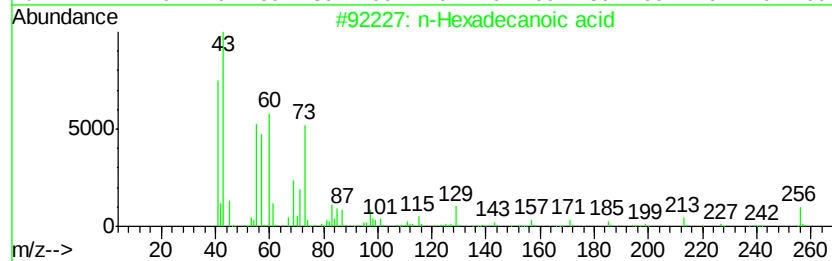
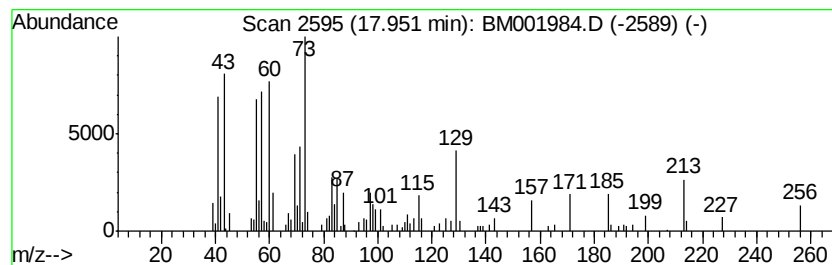
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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.		
17.95	2.86 ng/ul	224422	Phenanthrene-d10		17.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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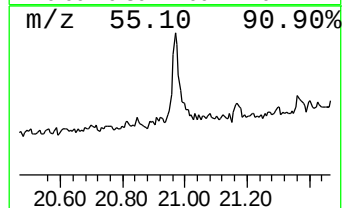
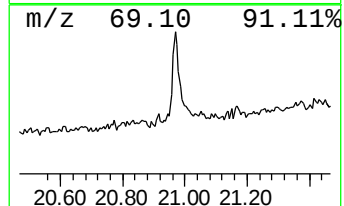
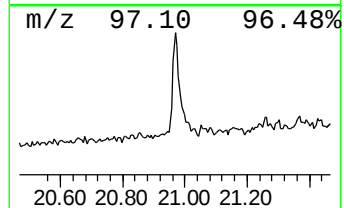
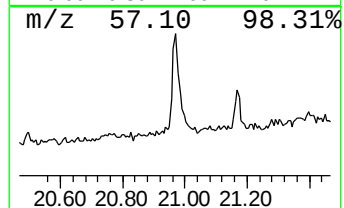
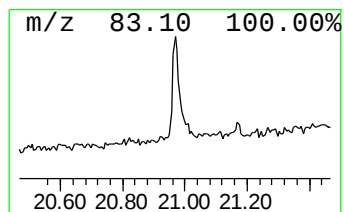
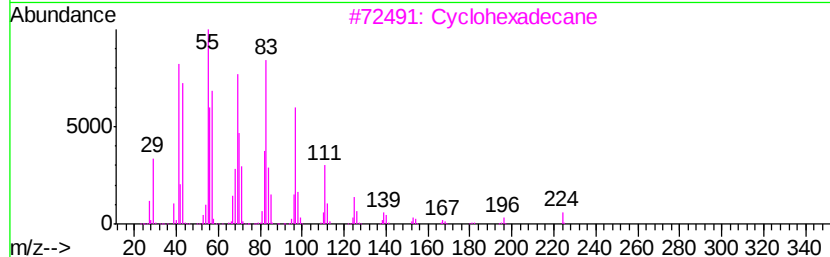
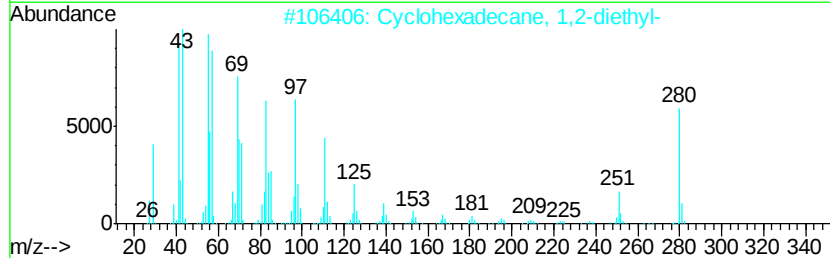
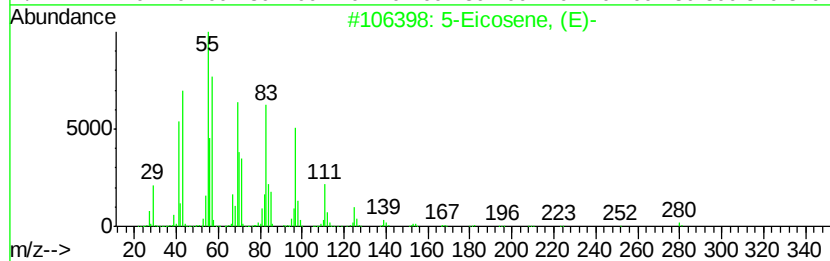
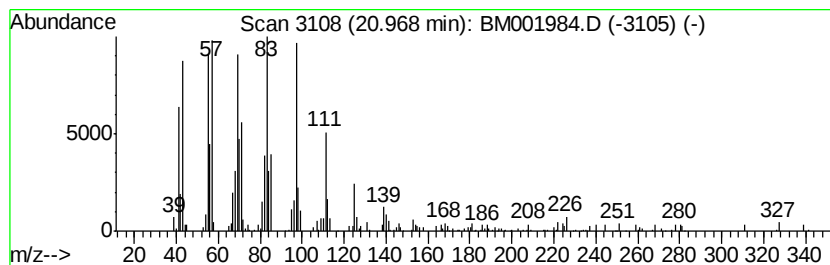
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic20.97 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.78 ng/ul	195821	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
3		Cyclohexadecane	224	C16H32	000295-65-8	92
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.95	2.9	ng/ul	224422	4	17.06	1570620	20.0
(DEL) Alkane: Cyc...	20.97	2.8	ng/ul	195821	5	21.26	1407250	20.0