

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG021997.D
 Acq On : 22 May 2016 3:19
 Operator : UM/SJ
 Sample : H3124-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG7

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_G\METHODS\SOM02.2-EPA-BG052116.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	3.538	115	119	126	rVB4	7165	11146	1.00%	0.081%
2	4.301	247	249	255	rVB3	2549	3240	0.29%	0.024%
3	7.310	754	761	772	rBV	119569	237704	21.31%	1.737%
4	7.474	782	789	803	rBV	106607	200946	18.01%	1.468%
5	7.686	818	825	836	rBV	134374	268519	24.07%	1.962%
6	8.162	895	906	920	rBV	95406	200725	17.99%	1.466%
7	8.385	938	944	948	rVV6	2008	3482	0.31%	0.025%
8	8.690	992	996	1000	rBV3	1422	2643	0.24%	0.019%
9	8.861	1012	1025	1048	rBV	174916	363248	32.56%	2.654%
10	9.331	1096	1105	1123	rVV	115632	257698	23.10%	1.883%
11	9.707	1164	1169	1174	rBV4	989	2141	0.19%	0.016%
12	10.054	1221	1228	1243	rBV	95380	205901	18.46%	1.504%
13	10.594	1313	1320	1335	rBV	161461	347059	31.11%	2.535%
14	10.976	1378	1385	1399	rVB	172425	361279	32.38%	2.639%
15	11.111	1399	1408	1422	rBV	149740	344236	30.86%	2.515%
16	12.562	1648	1655	1660	rBV2	2486	4481	0.40%	0.033%
17	13.591	1826	1830	1837	rBV4	3044	5508	0.49%	0.040%
18	13.655	1837	1841	1845	rBV3	1329	2306	0.21%	0.017%
19	14.178	1923	1930	1935	rBV	341473	564314	50.58%	4.122%
20	14.225	1935	1938	1945	rVV	70221	112011	10.04%	0.818%
21	14.272	1945	1946	1955	rVB5	2358	4018	0.36%	0.029%
22	14.354	1955	1960	1964	rBV4	1346	2215	0.20%	0.016%
23	14.478	1974	1981	1990	rBV	459459	790920	70.90%	5.778%
24	14.654	2003	2011	2018	rVB2	13346	22291	2.00%	0.163%
25	14.736	2021	2025	2026	rBV2	1717	2610	0.23%	0.019%
26	14.783	2026	2033	2042	rVB2	290679	507072	45.45%	3.704%
27	14.977	2060	2066	2082	rBV	62798	179875	16.12%	1.314%
28	15.148	2093	2095	2100	rVB5	3508	4664	0.42%	0.034%
29	15.206	2102	2105	2111	rVB6	2869	4871	0.44%	0.036%
30	15.271	2111	2116	2124	rVB6	5857	11946	1.07%	0.087%
31	15.342	2124	2128	2133	rVB4	3264	5006	0.45%	0.037%
32	15.600	2167	2172	2177	rVB	23460	34586	3.10%	0.253%
33	15.665	2180	2183	2186	rVB3	1933	2255	0.20%	0.016%
34	15.770	2194	2201	2210	rBV	554004	950224	85.18%	6.942%

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35	15.888	2215	2221	2232	rVB	111832	186451	16.71%	1.362%
36	16.011	2234	2242	2248	rBV5	12853	26393	2.37%	0.193%
37	16.105	2253	2258	2261	rVV4	2769	3710	0.33%	0.027%
38	16.164	2263	2268	2269	rBV3	2667	3853	0.35%	0.028%
39	16.223	2274	2278	2283	rVB3	4558	6220	0.56%	0.045%
40	16.464	2314	2319	2327	rBV3	23477	53053	4.76%	0.388%
41	16.804	2374	2377	2381	rVV4	3756	5427	0.49%	0.040%
42	16.857	2384	2386	2393	rVB5	2751	4090	0.37%	0.030%
43	16.916	2393	2396	2397	rBV3	1844	2054	0.18%	0.015%
44	16.975	2402	2406	2409	rVV4	2343	4085	0.37%	0.030%
45	17.069	2420	2422	2428	rVB5	1903	3059	0.27%	0.022%
46	17.257	2448	2454	2458	rBV3	9610	14960	1.34%	0.109%
47	17.310	2458	2463	2467	rVV5	5550	8540	0.77%	0.062%
48	17.410	2475	2480	2482	rBV4	1804	2115	0.19%	0.015%
49	17.527	2492	2500	2509	rBV2	324504	541456	48.53%	3.956%
50	17.627	2509	2517	2533	rVV	558742	943826	84.60%	6.895%
51	17.792	2543	2545	2551	rVB5	2037	2989	0.27%	0.022%
52	17.874	2555	2559	2562	rBV5	1555	2403	0.22%	0.018%
53	17.997	2573	2580	2583	rBV3	4785	7901	0.71%	0.058%
54	18.179	2610	2611	2617	rVB4	1680	2215	0.20%	0.016%
55	18.297	2625	2631	2636	rVB3	1064	2681	0.24%	0.020%
56	18.473	2656	2661	2664	rVB	3670	4218	0.38%	0.031%
57	18.679	2692	2696	2703	rBV3	3326	5825	0.52%	0.043%
58	19.307	2800	2803	2806	rVV3	2741	3161	0.28%	0.023%
59	19.542	2837	2843	2849	rVB	5799	10856	0.97%	0.079%
60	19.795	2882	2886	2891	rVB3	6626	9734	0.87%	0.071%
61	19.907	2897	2905	2916	rBV	697346	1115603	100.00%	8.150%
62	20.389	2983	2987	2988	rBV3	2481	2901	0.26%	0.021%
63	20.412	2988	2991	2994	rVV5	2233	2486	0.22%	0.018%
64	20.806	3054	3058	3060	rVB4	3577	4356	0.39%	0.032%
65	20.835	3060	3063	3069	rVB5	6247	10433	0.94%	0.076%
66	20.900	3069	3074	3077	rBV5	3973	5903	0.53%	0.043%
67	21.211	3125	3127	3129	rBV3	1629	2150	0.19%	0.016%
68	21.428	3158	3164	3167	rBV6	10709	20309	1.82%	0.148%
69	21.669	3202	3205	3212	rVB	12613	17030	1.53%	0.124%
70	21.810	3221	3229	3243	rBV	304611	598234	53.62%	4.370%
71	22.551	3348	3355	3360	rBV3	17972	38244	3.43%	0.279%

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72	22.915	3412	3417	3424	rVB	10002	17941	1.61%	0.131%
73	23.003	3430	3432	3435	rBV4	2686	3324	0.30%	0.024%
74	23.320	3480	3486	3494	rBV7	9914	21907	1.96%	0.160%
75	23.444	3499	3507	3516	rBV3	54476	127672	11.44%	0.933%
76	23.884	3579	3582	3583	rBV2	2064	2512	0.23%	0.018%
77	24.049	3609	3610	3612	rBV2	2546	2475	0.22%	0.018%
78	24.149	3622	3627	3637	rVB4	19334	45085	4.04%	0.329%
79	24.519	3680	3690	3703	rVV3	94835	297373	26.66%	2.172%
80	24.807	3737	3739	3741	rBV3	2578	2105	0.19%	0.015%
81	24.913	3745	3757	3773	rVV2	296882	931322	83.48%	6.804%
82	25.142	3785	3796	3808	rBV	197006	608905	54.58%	4.448%
83	25.324	3825	3827	3831	rVV3	3697	3370	0.30%	0.025%
84	25.365	3833	3834	3836	rVB2	3573	2224	0.20%	0.016%
85	25.847	3903	3916	3931	rBV3	118851	485097	43.48%	3.544%
86	26.305	3986	3994	4002	rBV4	20941	66493	5.96%	0.486%
87	26.528	4030	4032	4034	rVB2	2367	2337	0.21%	0.017%
88	26.940	4098	4102	4104	rBV4	2362	3666	0.33%	0.027%
89	27.092	4125	4128	4131	rVB5	2373	2931	0.26%	0.021%
90	27.510	4181	4199	4220	rBV3	121198	650675	58.32%	4.753%
91	27.709	4225	4233	4245	rVV5	22443	88401	7.92%	0.646%
92	27.815	4249	4251	4253	rBV3	2598	2569	0.23%	0.019%
93	28.497	4365	4367	4371	rBV4	2662	2480	0.22%	0.018%
94	29.401	4515	4521	4522	rBV5	8787	15346	1.38%	0.112%
95	29.595	4538	4554	4556	rBV4	87285	328908	29.48%	2.403%
96	30.853	4766	4768	4771	rBV4	1735	2653	0.24%	0.019%
97	31.352	4851	4853	4855	rBV3	2451	2384	0.21%	0.017%
98	31.452	4858	4870	4871	rBV7	9403	21615	1.94%	0.158%
99	31.470	4871	4873	4876	rVB3	4221	4568	0.41%	0.033%
100	32.239	4979	5004	5005	rBV4	56866	242245	21.71%	1.770%

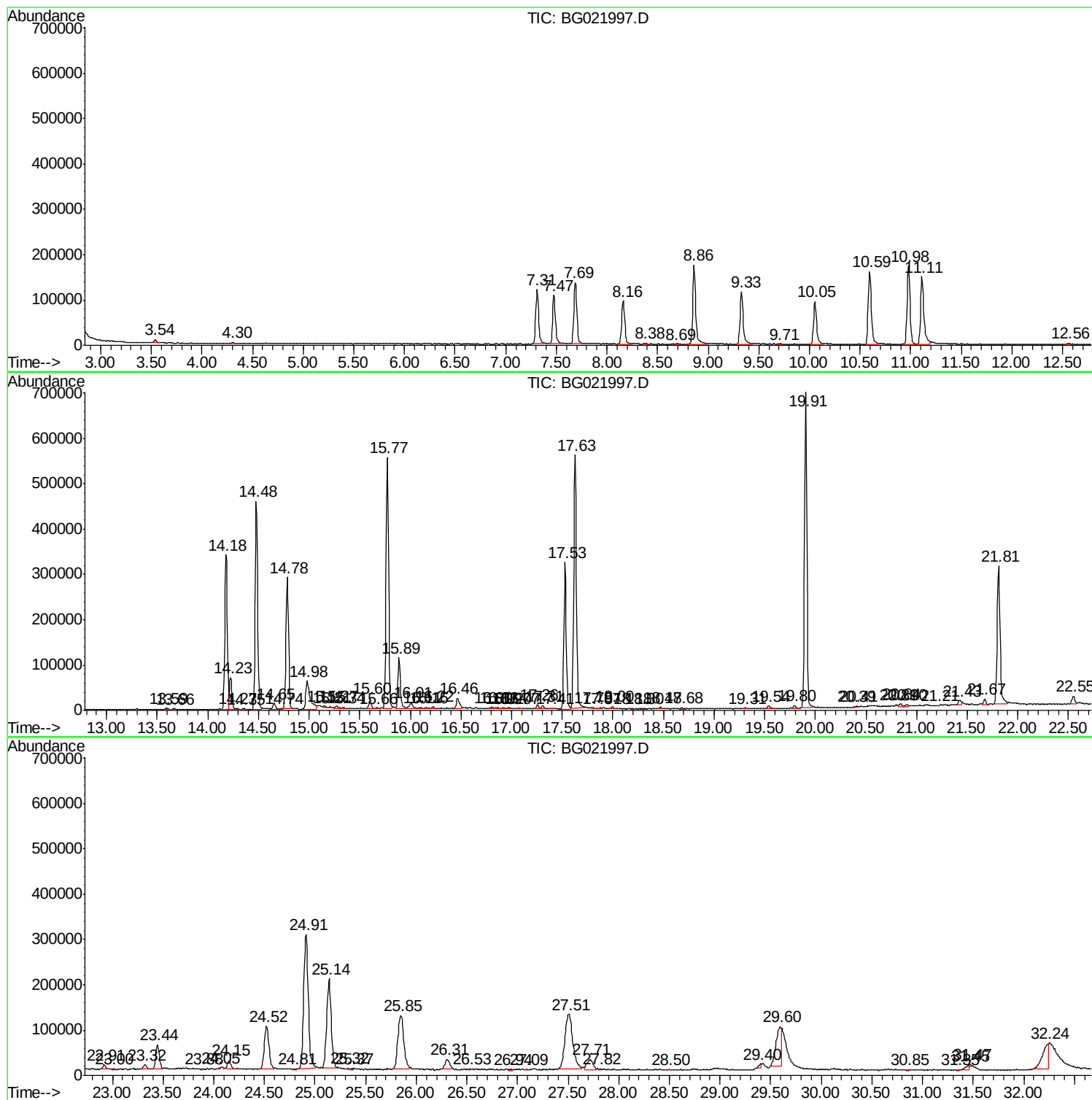
Sum of corrected areas: 13688647

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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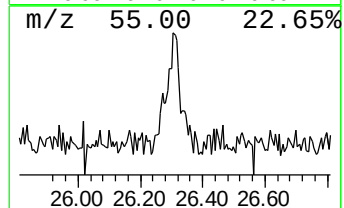
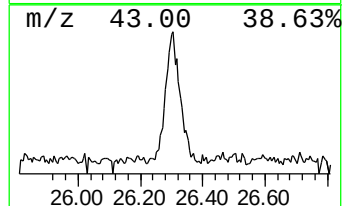
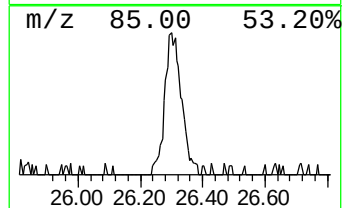
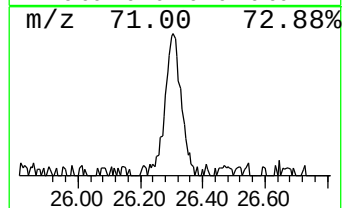
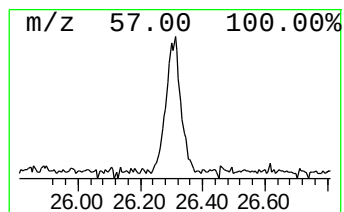
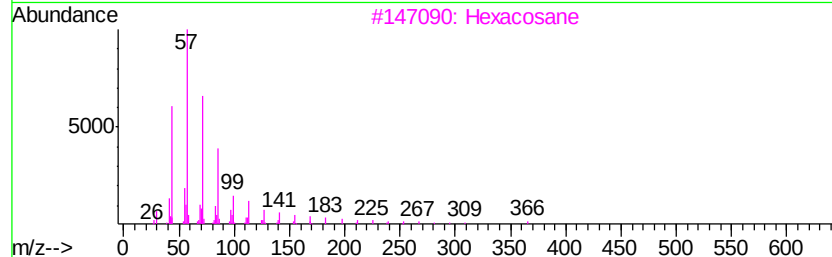
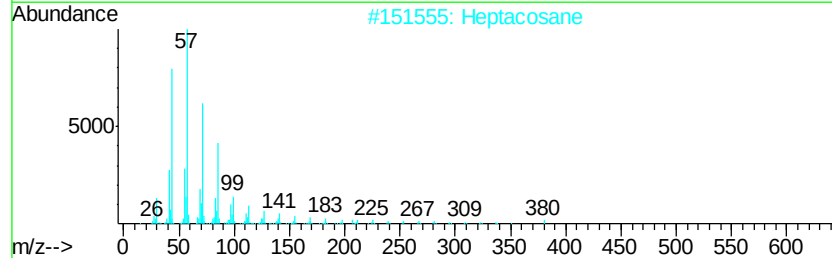
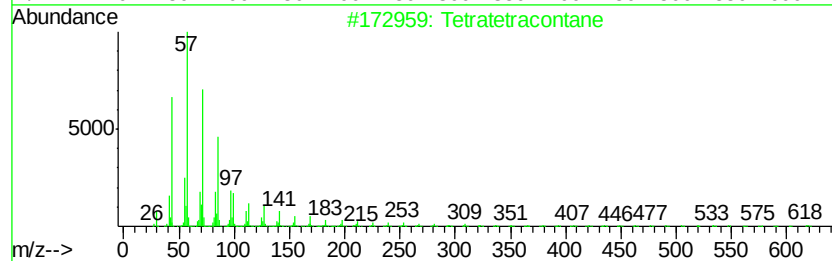
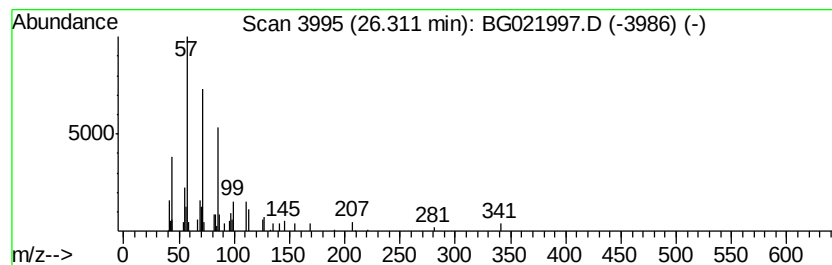
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.31	2.18 ng/ul	66493	Perylene-d12	25.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	86
2			Heptacosane	380	C27H56	000593-49-7	83
3			Hexacosane	366	C26H54	000630-01-3	80
4			Tetratriacontane	479	C34H70	014167-59-0	80
5			Hentriacontane	437	C31H64	000630-04-6	80



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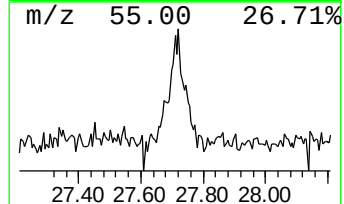
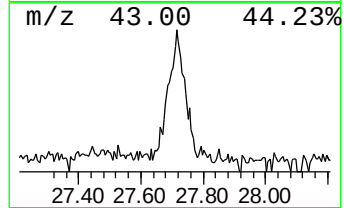
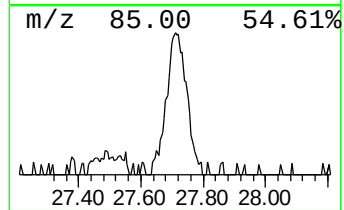
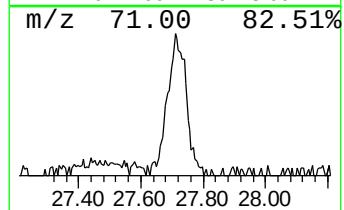
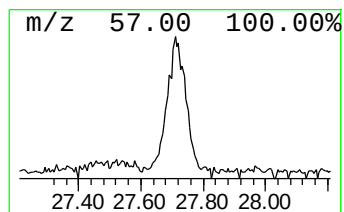
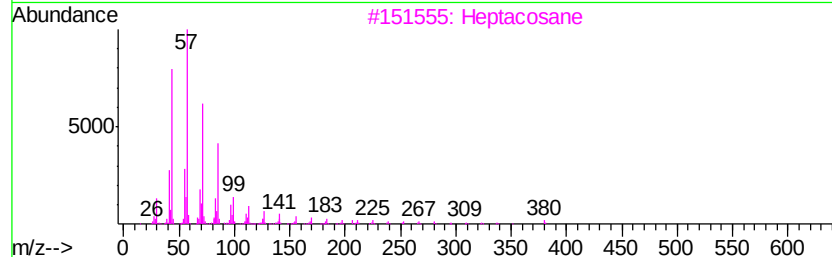
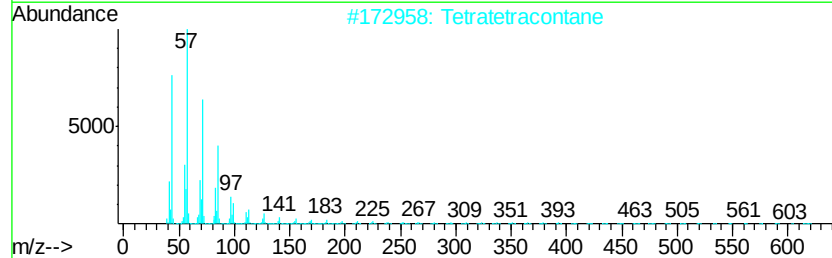
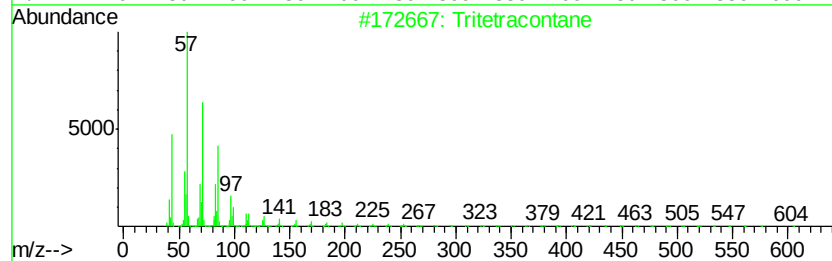
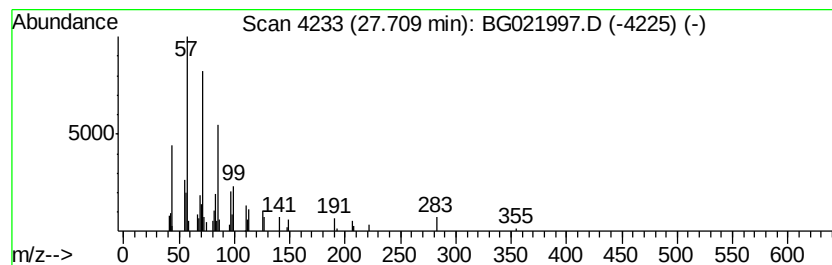
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.71	2.90 ng/ul	88401	Perylene-d12	25.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	86
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Heptacosane	380	C27H56	000593-49-7	80
4		Heneicosane	296	C21H44	000629-94-7	72
5		Hexatriacontane	507	C36H74	000630-06-8	72



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	26.31	2.2	ng/ul	66493	6	25.14	608905	20.0
(DEL) Alkane: Str...	27.71	2.9	ng/ul	88401	6	25.14	608905	20.0