

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027978.D
 Acq On : 20 Jul 2017 1:32
 Operator : SJ/JU
 Sample : I4213-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B38

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-BG071717.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	3.859	43	46	53	rVB4	3636	5772	0.40%	0.050%
2	4.017	69	73	74	rVB3	1764	1867	0.13%	0.016%
3	4.141	92	94	98	rVB2	1401	1710	0.12%	0.015%
4	4.376	130	134	139	rVB6	1697	2418	0.17%	0.021%
5	4.905	218	224	228	rVB6	2569	4150	0.29%	0.036%
6	5.339	294	298	301	rBV	1033	1805	0.13%	0.016%
7	5.428	311	313	315	rBV2	1533	1639	0.11%	0.014%
8	5.480	319	322	329	rVB4	1341	2791	0.19%	0.024%
9	7.513	659	668	684	rBV2	75077	154532	10.71%	1.335%
10	7.684	691	697	714	rVB	61063	105140	7.29%	0.908%
11	7.901	725	734	743	rBV2	80870	149771	10.38%	1.294%
12	8.265	789	796	798	rBV2	1164	1956	0.14%	0.017%
13	8.371	802	814	825	rVB	194083	346323	24.00%	2.992%
14	9.059	923	931	940	rBV	96503	176658	12.24%	1.526%
15	9.129	941	943	950	rVV3	1851	2747	0.19%	0.024%
16	9.200	950	955	960	rVB2	1799	3340	0.23%	0.029%
17	9.540	1005	1013	1029	rBV2	73621	143157	9.92%	1.237%
18	9.905	1072	1075	1080	rBV4	1238	1770	0.12%	0.015%
19	10.263	1128	1136	1152	rBV	51207	95072	6.59%	0.821%
20	10.804	1221	1228	1242	rBV2	93825	190862	13.23%	1.649%
21	11.127	1278	1283	1285	rBV3	1837	2774	0.19%	0.024%
22	11.191	1285	1294	1307	rVB	259364	482855	33.46%	4.172%
23	11.321	1307	1316	1330	rBV2	85204	173248	12.00%	1.497%
24	12.660	1534	1544	1551	rBV4	3197	6782	0.47%	0.059%
25	12.748	1555	1559	1563	rVB2	1991	3022	0.21%	0.026%
26	12.837	1568	1574	1579	rVB3	1352	2232	0.15%	0.019%
27	13.324	1651	1657	1664	rVB2	1904	3864	0.27%	0.033%
28	13.571	1695	1699	1705	rBV3	3909	6379	0.44%	0.055%
29	13.665	1709	1715	1717	rBV	1151	1993	0.14%	0.017%
30	13.847	1742	1746	1751	rVB2	1187	2076	0.14%	0.018%
31	14.364	1826	1834	1838	rBV	223287	334677	23.19%	2.891%
32	14.411	1839	1842	1853	rVB	45767	66490	4.61%	0.574%
33	14.670	1878	1886	1899	rVV	227697	359679	24.92%	3.107%
34	14.834	1912	1914	1918	rVB2	1687	1784	0.12%	0.015%

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35	14.975	1929	1938	1946	rBV2	415928	687661	47.65%	5.941%
36	15.040	1946	1949	1955	rVB	3227	4628	0.32%	0.040%
37	15.181	1966	1973	1989	rBV4	10560	35881	2.49%	0.310%
38	15.381	2000	2007	2011	rVB5	2698	5453	0.38%	0.047%
39	15.451	2015	2019	2023	rBV3	1591	2628	0.18%	0.023%
40	15.545	2033	2035	2040	rVB	1147	1766	0.12%	0.015%
41	15.633	2045	2050	2055	rVB5	2992	4257	0.29%	0.037%
42	15.686	2055	2059	2062	rVB2	1519	1777	0.12%	0.015%
43	15.768	2062	2073	2078	rBV6	5098	15619	1.08%	0.135%
44	15.962	2099	2106	2113	rBV	335382	520457	36.06%	4.496%
45	16.074	2119	2125	2132	rBV4	11636	19218	1.33%	0.166%
46	16.197	2138	2146	2152	rVV7	5085	10287	0.71%	0.089%
47	16.244	2152	2154	2157	rVB	1606	1638	0.11%	0.014%
48	16.291	2158	2162	2164	rBV4	1629	2134	0.15%	0.018%
49	16.409	2178	2182	2186	rBV4	2293	3905	0.27%	0.034%
50	16.468	2186	2192	2196	rVV4	2526	5138	0.36%	0.044%
51	16.538	2200	2204	2208	rBV4	1143	2470	0.17%	0.021%
52	16.644	2216	2222	2223	rBV3	6415	8632	0.60%	0.075%
53	16.720	2233	2235	2239	rVB4	1441	1794	0.12%	0.015%
54	16.779	2241	2245	2248	rBV5	1676	2661	0.18%	0.023%
55	16.832	2248	2254	2256	rVV4	2718	4440	0.31%	0.038%
56	16.920	2266	2269	2274	rVB4	2573	3619	0.25%	0.031%
57	16.990	2274	2281	2284	rBV7	2265	5013	0.35%	0.043%
58	17.220	2315	2320	2322	rBV4	2289	3679	0.25%	0.032%
59	17.349	2340	2342	2344	rBV3	2119	1993	0.14%	0.017%
60	17.437	2351	2357	2361	rBV8	7029	12945	0.90%	0.112%
61	17.484	2361	2365	2373	rVV6	4413	10195	0.71%	0.088%
62	17.725	2395	2406	2416	rBV	601161	992230	68.75%	8.572%
63	17.819	2416	2422	2432	rVB2	393198	618872	42.88%	5.347%
64	17.895	2433	2435	2440	rVB6	3687	4799	0.33%	0.041%
65	17.978	2446	2449	2452	rBV5	3337	3724	0.26%	0.032%
66	18.101	2467	2470	2471	rBV3	3845	3653	0.25%	0.032%
67	18.124	2472	2474	2476	rVV3	2260	2143	0.15%	0.019%
68	18.177	2480	2483	2489	rVB6	7848	12000	0.83%	0.104%
69	18.236	2489	2493	2495	rBV4	2476	3114	0.22%	0.027%
70	18.277	2495	2500	2503	rVB7	4469	6114	0.42%	0.053%
71	18.436	2525	2527	2531	rBV5	3238	4617	0.32%	0.040%

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72	18.571	2546	2550	2560	rBV9	16535	40314	2.79%	0.348%
73	18.647	2560	2563	2570	rVB3	11316	19295	1.34%	0.167%
74	18.782	2584	2586	2590	rBV5	4469	4349	0.30%	0.038%
75	18.941	2609	2613	2616	rBV6	4470	8197	0.57%	0.071%
76	19.082	2634	2637	2643	rBV8	5280	7479	0.52%	0.065%
77	19.253	2663	2666	2668	rBV4	4985	5286	0.37%	0.046%
78	19.364	2683	2685	2692	rBV7	4255	6580	0.46%	0.057%
79	19.482	2702	2705	2711	rBV8	4939	10042	0.70%	0.087%
80	19.758	2748	2752	2758	rVB2	19880	31473	2.18%	0.272%
81	19.981	2786	2790	2796	rVB8	7737	16402	1.14%	0.142%
82	20.093	2803	2809	2820	rBV	573906	868370	60.17%	7.502%
83	20.304	2841	2845	2851	rBV	21194	32679	2.26%	0.282%
84	20.580	2889	2892	2898	rBV7	10022	16176	1.12%	0.140%
85	21.086	2975	2978	2982	rVB2	16687	20672	1.43%	0.179%
86	21.626	3067	3070	3080	rVB5	19925	39976	2.77%	0.345%
87	21.891	3113	3115	3126	rVB10	10412	19821	1.37%	0.171%
88	22.055	3135	3143	3158	rVB	723750	1366710	94.70%	11.808%
89	22.208	3166	3169	3174	rVB3	15493	19540	1.35%	0.169%
90	22.866	3277	3281	3287	rVB5	15868	28245	1.96%	0.244%
91	23.618	3403	3409	3416	rVB6	26087	52134	3.61%	0.450%
92	24.493	3552	3558	3566	rVB3	42385	103229	7.15%	0.892%
93	25.328	3688	3700	3712	rBV2	269041	806042	55.85%	6.964%
94	25.569	3727	3741	3761	rVB	409637	1443189	100.00%	12.468%
95	26.767	3937	3945	3959	rVB3	55070	166698	11.55%	1.440%
96	28.254	4185	4198	4211	rVB3	55530	209502	14.52%	1.810%
97	29.464	4402	4404	4408	rBV5	4205	4185	0.29%	0.036%
98	30.040	4491	4502	4521	rVB4	41131	182955	12.68%	1.581%
99	31.327	4719	4721	4723	rBV3	3596	2740	0.19%	0.024%
100	32.226	4859	4874	4893	rVB5	31120	170000	11.78%	1.469%

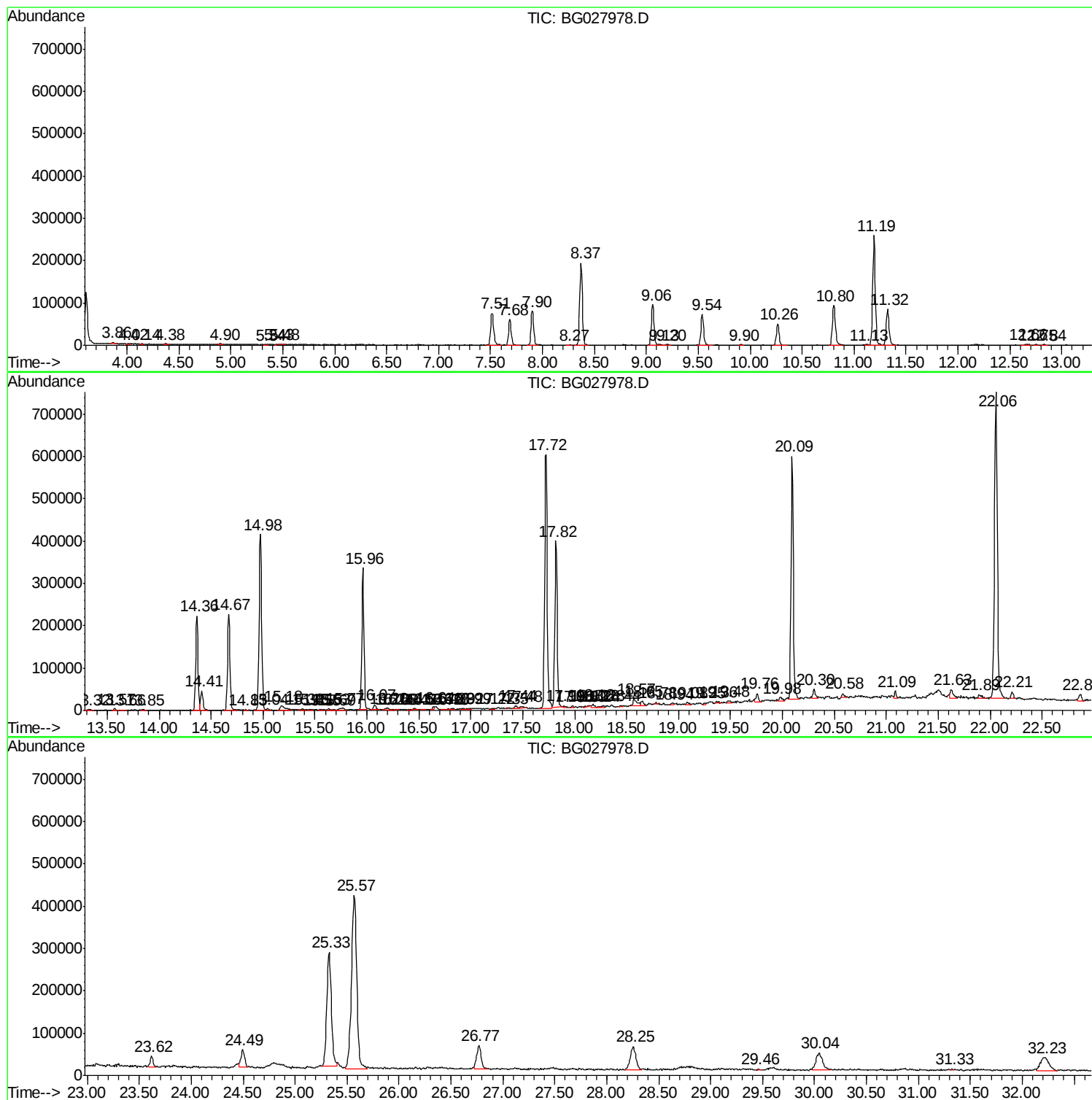
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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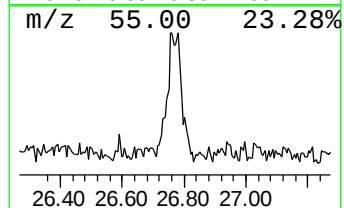
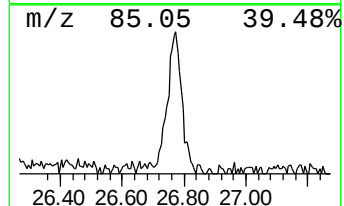
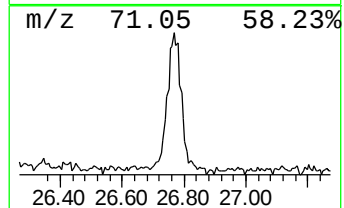
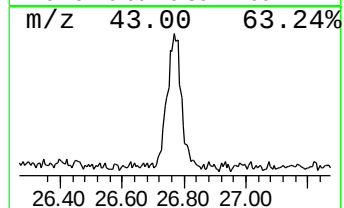
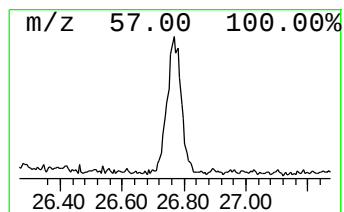
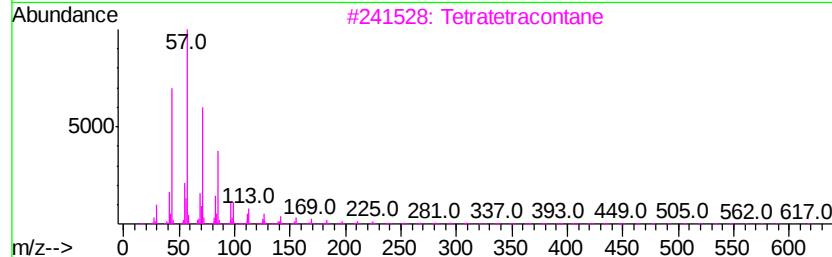
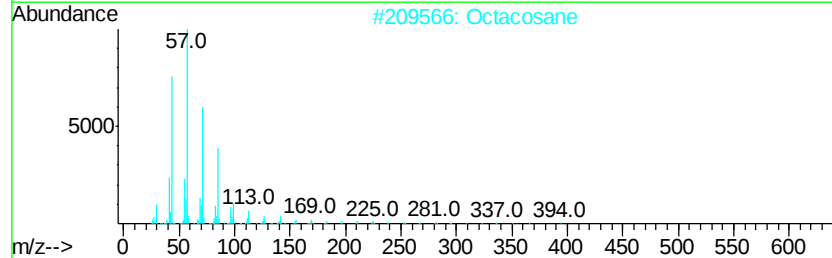
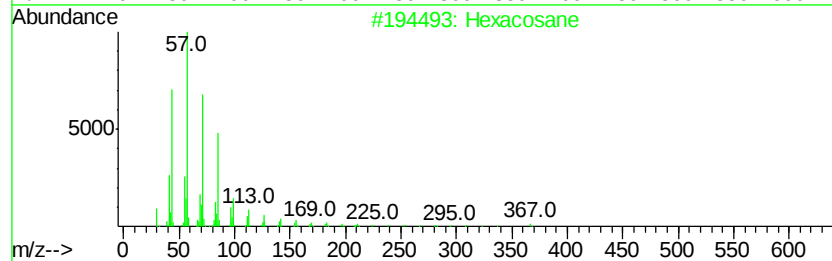
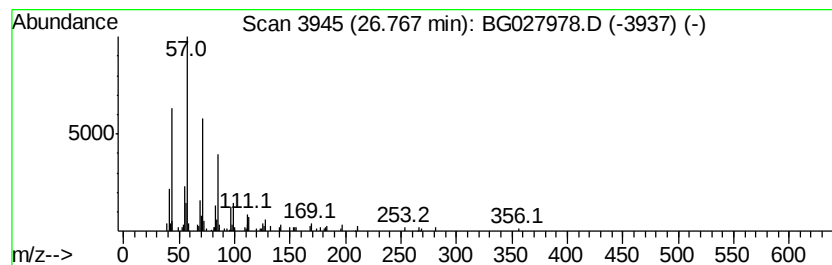
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.31 ng/ul	166698	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



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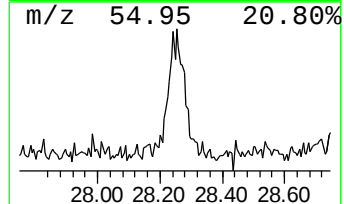
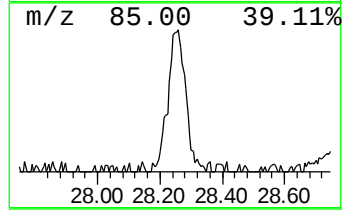
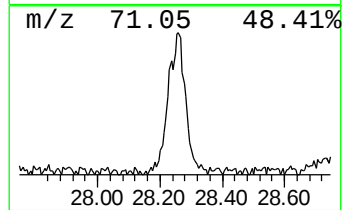
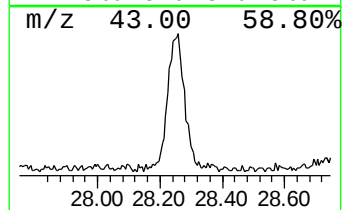
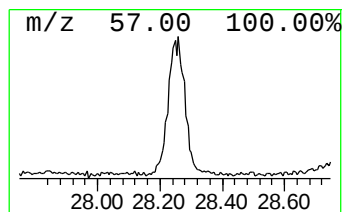
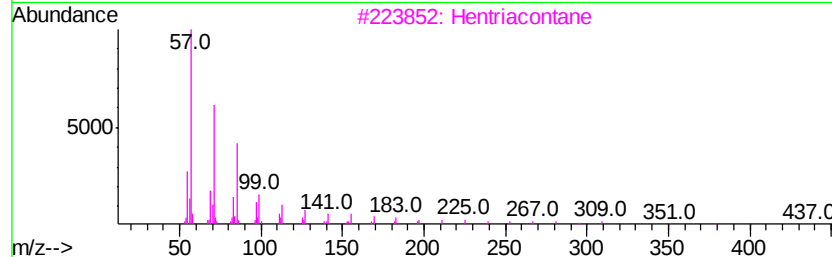
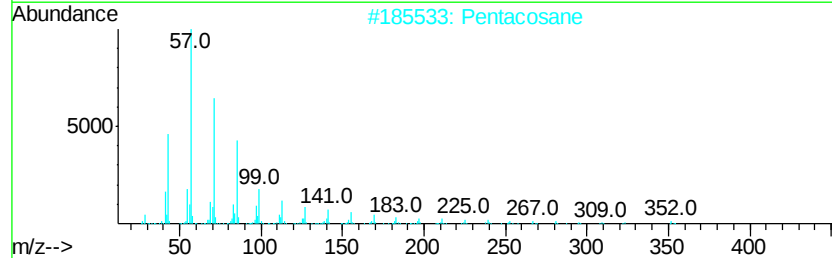
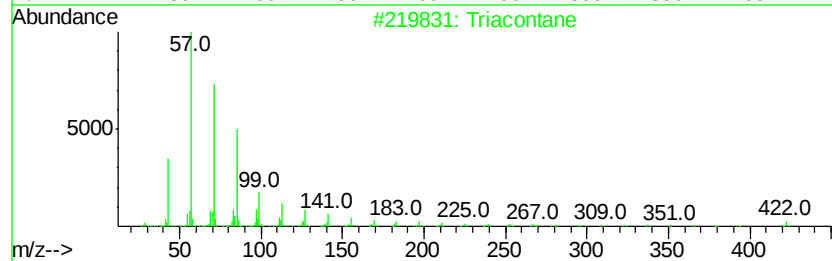
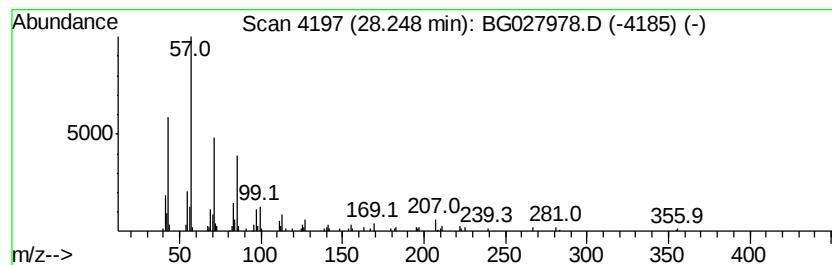
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.25	2.90 ng/ul	209502	Perylene-d12	25.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	triacontane	422	C30H62	000638-68-6	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91



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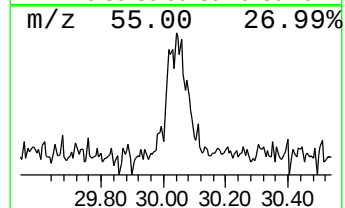
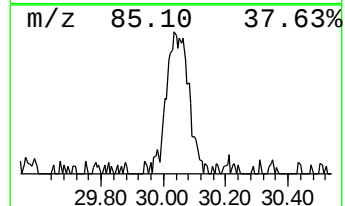
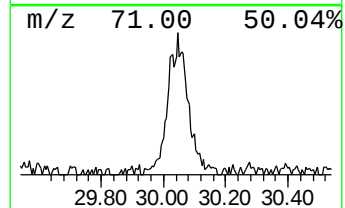
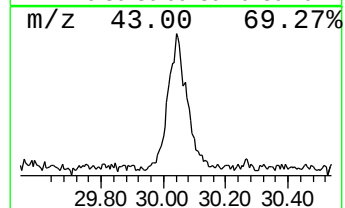
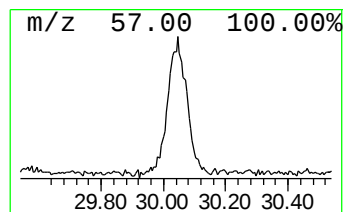
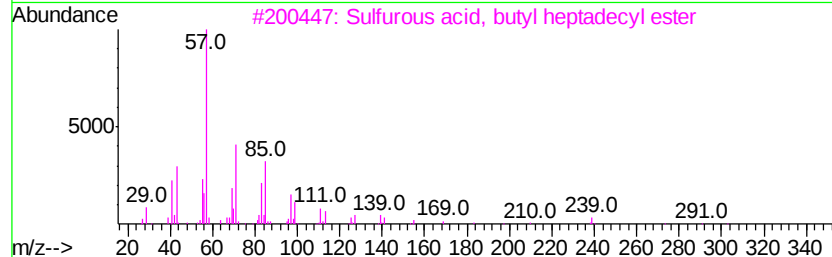
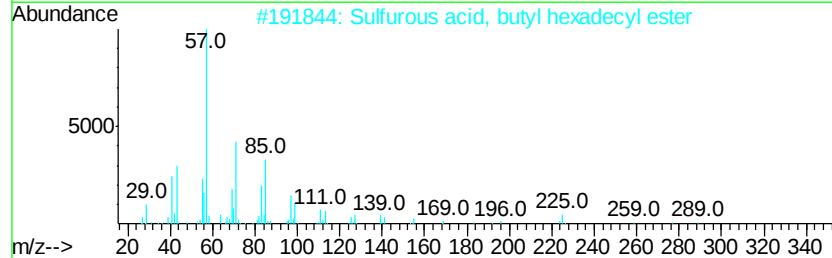
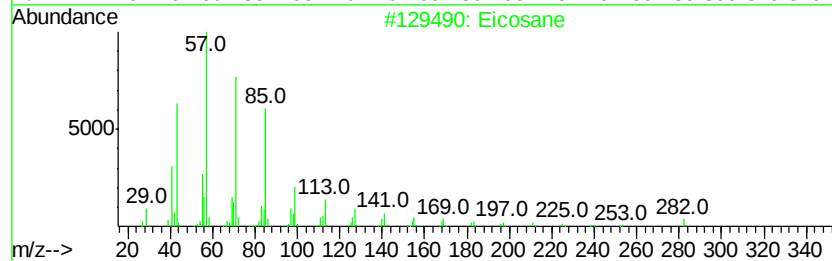
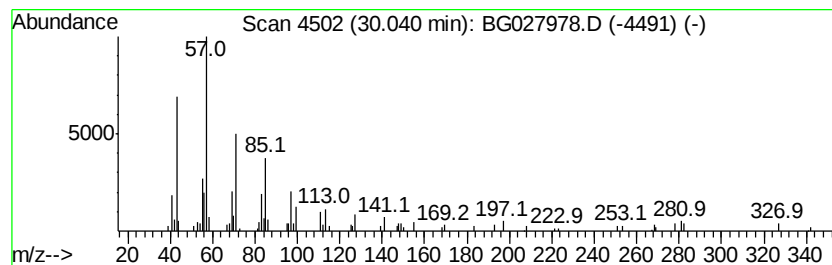
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.04	2.54 ng/ul	182955	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	83
3		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
4		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	83
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027978.D
Acq On : 20 Jul 2017 1:32
Operator : SJ/JU
Sample : I4213-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B38

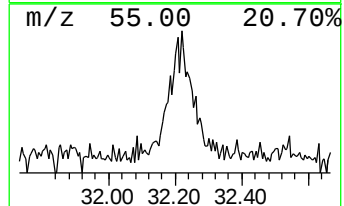
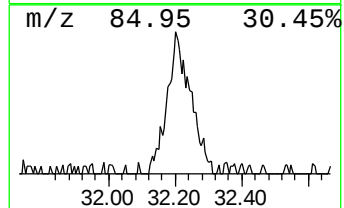
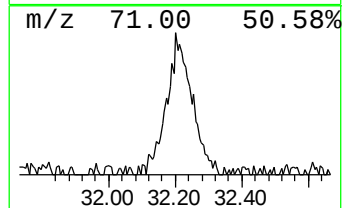
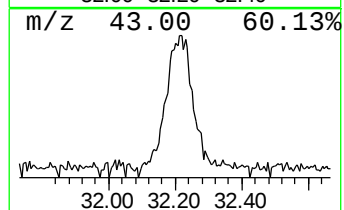
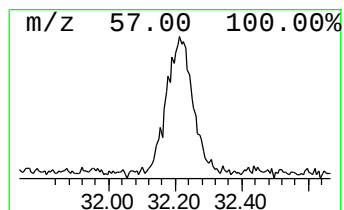
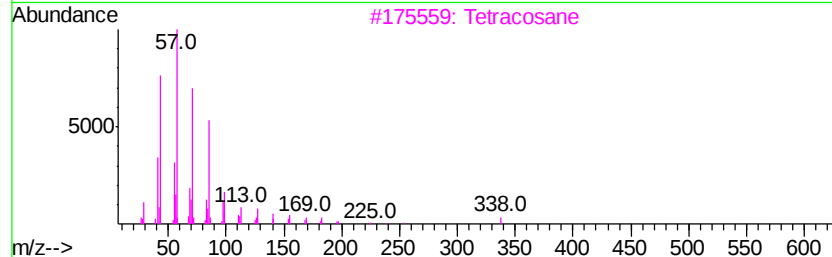
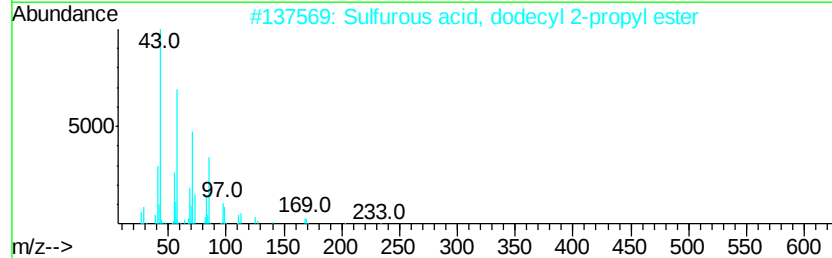
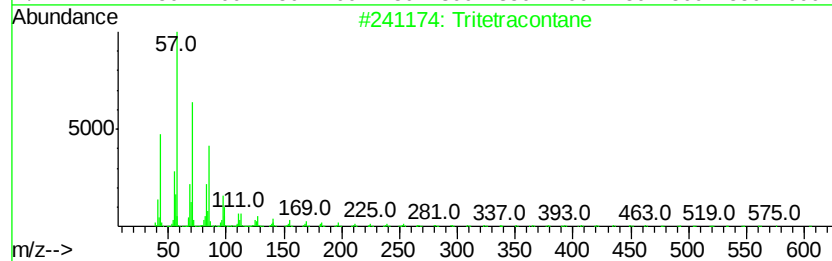
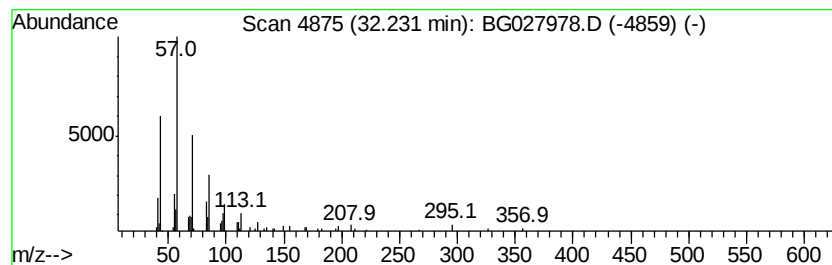
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.23	2.36 ng/ul	170000	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	68
2		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64
3		Tetracosane	338	C24H50	000646-31-1	62
4		Hentriacontane	437	C31H64	000630-04-6	62
5		Hexacosane	366	C26H54	000630-01-3	58



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B38

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard--				
TIC Top Hit name					#	RT	Resp	Conc	
(DEL)	Alkane: Str...	26.77	2.3	ng/ul	166698	6	25.57	1443190	20.0
(DEL)	Alkane: Str...	28.25	2.9	ng/ul	209502	6	25.57	1443190	20.0
(DEL)	Alkane: Str...	30.04	2.5	ng/ul	182955	6	25.57	1443190	20.0
(DEL)	Alkane: Str...	32.23	2.4	ng/ul	170000	6	25.57	1443190	20.0