

Data Path : Z:\HPCHEM1\BNA G\Data\BG080217\
 Data File : BG028121.D
 Acq On : 2 Aug 2017 23:17
 Operator : SJ/JU
 Sample : I4405-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JJ2X7

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	3.853	39	45	52	rVB5	5379	13490	1.12%	0.098%
2	4.252	106	113	116	rBV5	1896	4155	0.34%	0.030%
3	4.352	126	130	138	rVB5	5292	8200	0.68%	0.060%
4	5.374	300	304	309	rBV3	1471	2714	0.23%	0.020%
5	5.462	312	319	320	rBV2	1990	3057	0.25%	0.022%
6	6.414	476	481	483	rBV4	1639	3128	0.26%	0.023%
7	7.008	574	582	585	rVB4	1339	2911	0.24%	0.021%
8	7.507	659	667	682	rVB3	109933	244830	20.32%	1.786%
9	7.678	689	696	708	rVB	86357	151192	12.55%	1.103%
10	7.895	725	733	741	rBV2	107670	189094	15.69%	1.379%
11	7.965	741	745	752	rVB4	1724	2763	0.23%	0.020%
12	8.365	802	813	824	rBV	109460	192669	15.99%	1.405%
13	8.618	849	856	860	rBV2	2238	3087	0.26%	0.023%
14	9.052	923	930	949	rVB2	109422	212344	17.62%	1.549%
15	9.528	999	1011	1023	rBV	125164	242421	20.12%	1.768%
16	9.898	1071	1074	1079	rBV2	2071	2751	0.23%	0.020%
17	10.257	1127	1135	1146	rVB3	100104	197162	16.36%	1.438%
18	10.797	1218	1227	1238	rBV2	135113	274385	22.77%	2.001%
19	11.185	1282	1293	1306	rVB	178650	335825	27.87%	2.449%
20	11.314	1306	1315	1330	rBV	127878	268338	22.27%	1.957%
21	11.502	1343	1347	1354	rBV4	1892	3892	0.32%	0.028%
22	12.636	1533	1540	1543	rBV2	2084	3375	0.28%	0.025%
23	12.742	1553	1558	1569	rBV4	3163	7829	0.65%	0.057%
24	13.318	1653	1656	1663	rVB3	2255	3980	0.33%	0.029%
25	13.565	1692	1698	1703	rVB4	2000	4173	0.35%	0.030%
26	13.759	1727	1731	1739	rBV2	2083	4724	0.39%	0.034%
27	13.841	1739	1745	1749	rVB3	1880	3848	0.32%	0.028%
28	14.358	1824	1833	1838	rBV	415545	594704	49.35%	4.337%
29	14.405	1838	1841	1848	rVB	107074	150294	12.47%	1.096%
30	14.663	1877	1885	1893	rBV	380264	632209	52.46%	4.611%
31	14.828	1908	1913	1917	rVB3	4506	5975	0.50%	0.044%
32	14.893	1921	1924	1929	rVB2	1601	2845	0.24%	0.021%
33	14.969	1929	1937	1947	rBV2	326171	533959	44.31%	3.894%
34	15.163	1962	1970	1985	rBV3	55452	142155	11.80%	1.037%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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35	15.263	1986	1987	1993	rVV4	3064	5347	0.44%	0.039%
36	15.310	1993	1995	1999	rVB3	3126	4187	0.35%	0.031%
37	15.380	2002	2007	2012	rVB6	5815	9357	0.78%	0.068%
38	15.686	2054	2059	2065	rBV2	10168	14215	1.18%	0.104%
39	15.774	2068	2074	2078	rVB3	16355	24294	2.02%	0.177%
40	15.839	2079	2085	2087	rVV4	2233	3469	0.29%	0.025%
41	15.956	2098	2105	2117	rVB	548554	870459	72.23%	6.348%
42	16.068	2117	2124	2132	rBV2	119586	191564	15.90%	1.397%
43	16.185	2137	2144	2154	rVB5	8212	24157	2.00%	0.176%
44	16.279	2154	2160	2163	rBV6	3388	5052	0.42%	0.037%
45	16.338	2165	2170	2172	rBV4	3671	5713	0.47%	0.042%
46	16.391	2177	2179	2183	rBV3	5590	6141	0.51%	0.045%
47	16.520	2199	2201	2206	rVB6	2823	3263	0.27%	0.024%
48	16.596	2210	2214	2216	rVB3	2826	3538	0.29%	0.026%
49	16.632	2216	2220	2232	rBV2	27465	52176	4.33%	0.381%
50	16.738	2237	2238	2243	rVB5	2782	2898	0.24%	0.021%
51	16.773	2243	2244	2249	rBV4	2236	2706	0.22%	0.020%
52	16.814	2249	2251	2257	rVB5	2432	3644	0.30%	0.027%
53	16.914	2264	2268	2270	rVB4	3675	4885	0.41%	0.036%
54	16.978	2274	2279	2283	rBV4	3804	7935	0.66%	0.058%
55	17.043	2286	2290	2295	rVB4	3253	5303	0.44%	0.039%
56	17.090	2295	2298	2303	rVB5	3262	5788	0.48%	0.042%
57	17.137	2303	2306	2314	rBV8	3605	8745	0.73%	0.064%
58	17.237	2314	2323	2329	rBV3	18556	33499	2.78%	0.244%
59	17.425	2351	2355	2360	rBV2	19270	26001	2.16%	0.190%
60	17.490	2360	2366	2374	rVB8	5425	14156	1.17%	0.103%
61	17.589	2382	2383	2389	rVB3	2870	5013	0.42%	0.037%
62	17.719	2395	2405	2416	rBV	467346	733118	60.84%	5.347%
63	17.819	2416	2422	2432	rVB	653918	985338	81.77%	7.186%
64	17.889	2433	2434	2437	rVB2	3626	2703	0.22%	0.020%
65	17.989	2444	2451	2453	rBV7	3621	7562	0.63%	0.055%
66	18.048	2456	2461	2463	rBV6	2708	4659	0.39%	0.034%
67	18.101	2466	2470	2473	rVB4	4490	5787	0.48%	0.042%
68	18.171	2477	2482	2485	rBV5	10212	12341	1.02%	0.090%
69	18.283	2499	2501	2507	rVB3	3143	4234	0.35%	0.031%
70	18.365	2507	2515	2517	rBV8	4421	9211	0.76%	0.067%
71	18.577	2546	2551	2558	rBV6	22211	48690	4.04%	0.355%

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72	18.647	2558	2563	2572	rVV	56751	88341	7.33%	0.644%
73	18.712	2572	2574	2579	rVB5	4096	5119	0.42%	0.037%
74	18.847	2595	2597	2601	rBV4	6293	8741	0.73%	0.064%
75	18.953	2613	2615	2620	rVB5	4940	5598	0.46%	0.041%
76	19.475	2699	2704	2706	rBV3	18151	22858	1.90%	0.167%
77	19.587	2720	2723	2729	rVB8	10140	13560	1.13%	0.099%
78	19.640	2729	2732	2734	rBV4	6920	9648	0.80%	0.070%
79	19.728	2744	2747	2751	rBV4	13076	17551	1.46%	0.128%
80	19.828	2760	2764	2770	rBV7	23091	37065	3.08%	0.270%
81	19.987	2787	2791	2795	rVB5	12104	17564	1.46%	0.128%
82	20.045	2799	2801	2803	rBV2	8913	8439	0.70%	0.062%
83	20.092	2803	2809	2820	rVB	816352	1205041	100.00%	8.789%
84	20.574	2889	2891	2897	rVB2	20172	22829	1.89%	0.166%
85	20.797	2920	2929	2935	rBV2	20784	70136	5.82%	0.512%
86	21.085	2975	2978	2982	rVB4	23352	28122	2.33%	0.205%
87	21.626	3065	3070	3079	rBV2	48604	99387	8.25%	0.725%
88	22.049	3135	3142	3152	rVB	438719	799436	66.34%	5.830%
89	22.866	3275	3281	3289	rBV2	40559	78746	6.53%	0.574%
90	23.606	3404	3407	3415	rVB5	31425	66050	5.48%	0.482%
91	24.487	3551	3557	3564	rVB2	66279	136885	11.36%	0.998%
92	25.322	3688	3699	3722	rVB3	358629	1134171	94.12%	8.272%
93	25.562	3726	3740	3753	rVB3	241976	917253	76.12%	6.690%
94	26.761	3936	3944	3955	rVB4	87124	287069	23.82%	2.094%
95	28.248	4184	4197	4207	rBV6	67427	275378	22.85%	2.008%
96	29.634	4429	4433	4438	rBV8	7840	15838	1.31%	0.116%
97	30.028	4488	4500	4514	rBV3	76151	362822	30.11%	2.646%
98	31.373	4715	4729	4733	rBV3	20378	82802	6.87%	0.604%
99	31.808	4802	4803	4805	rBV2	5469	4510	0.37%	0.033%
100	32.196	4856	4869	4893	rVB4	56303	284799	23.63%	2.077%

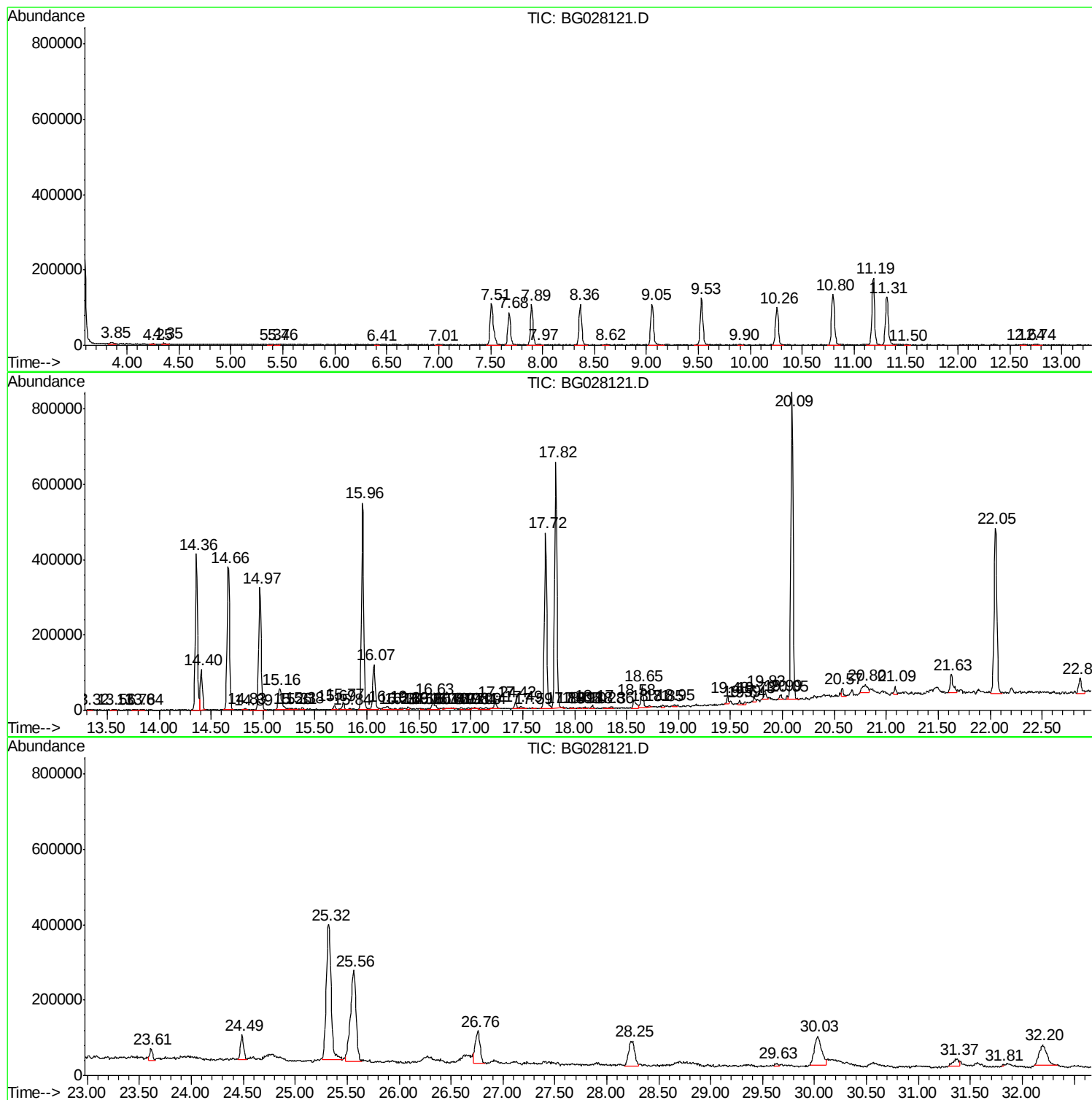
Sum of corrected areas: 13711384

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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



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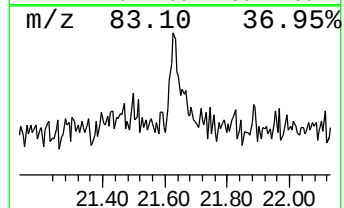
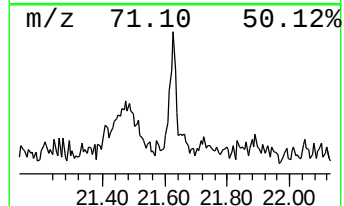
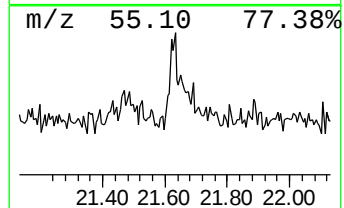
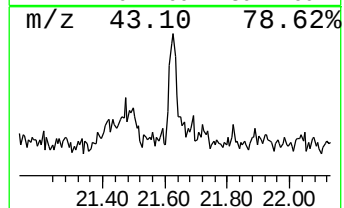
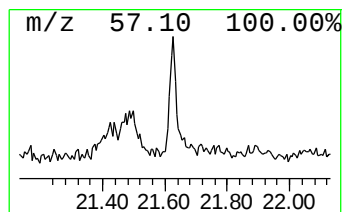
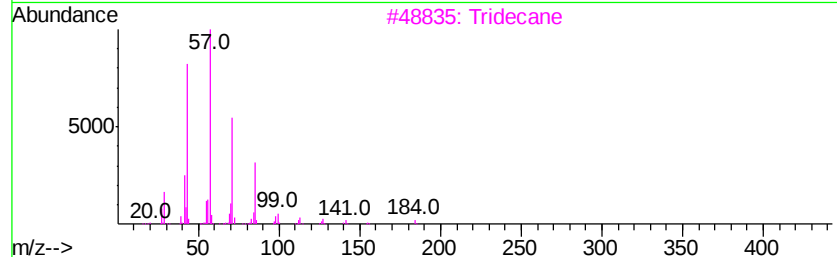
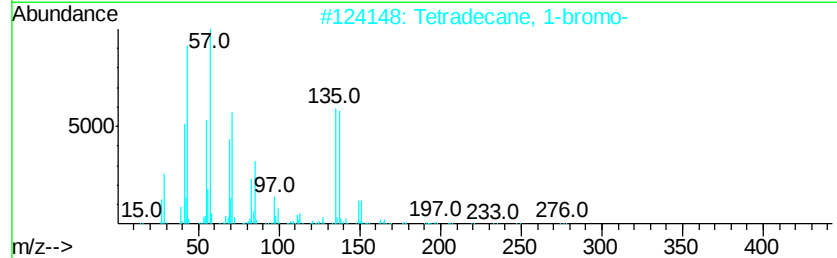
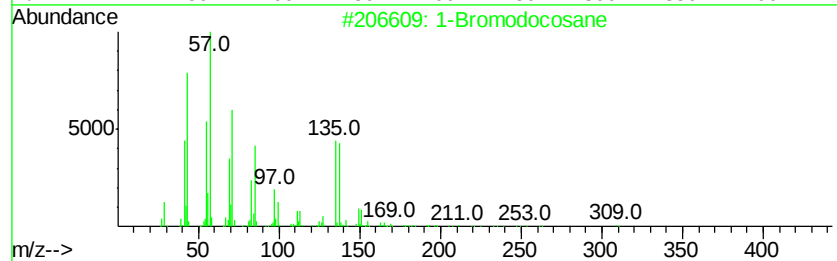
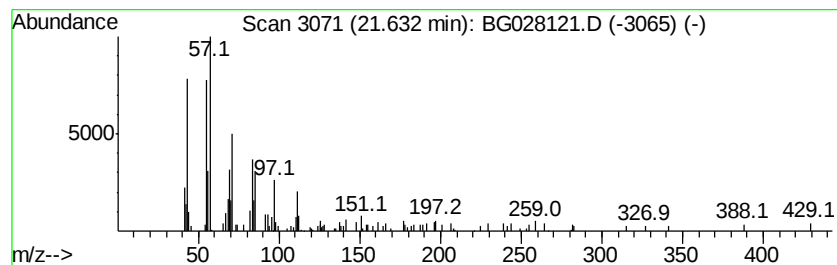
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Bromodocosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	2.49 ng/ul	99387	Chrysene-d12	22.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromodocosane	388	C22H45Br	006938-66-5	83
2		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	72
3		Tridecane	184	C13H28	000629-50-5	60
4		Tritetracontane	605	C43H88	007098-21-7	53
5		7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	52



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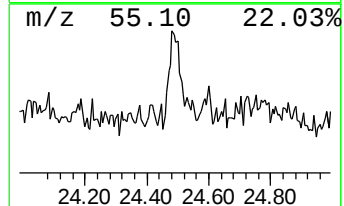
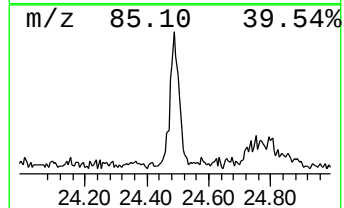
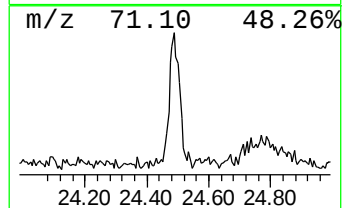
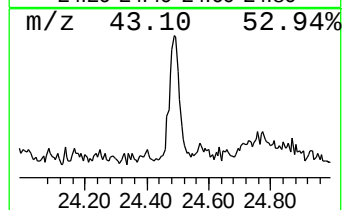
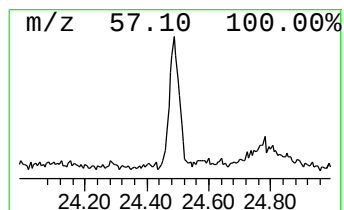
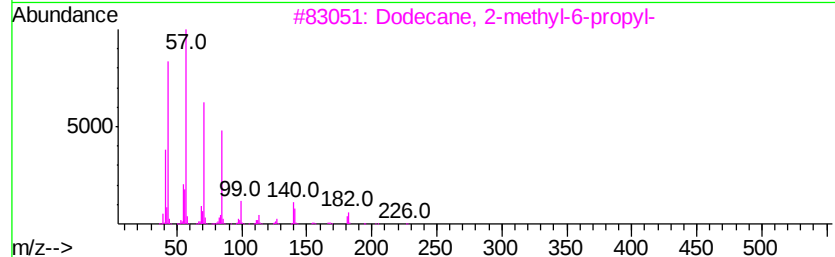
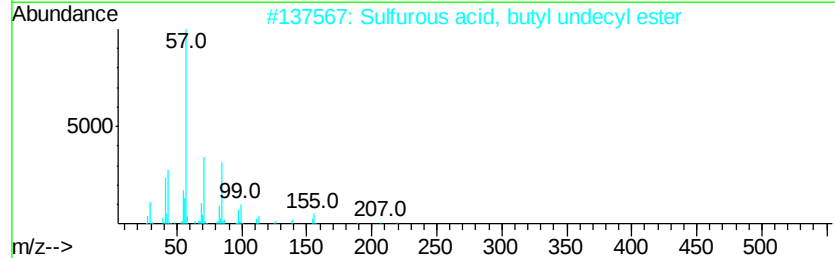
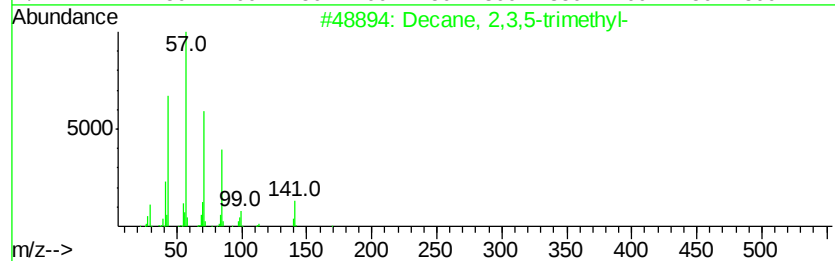
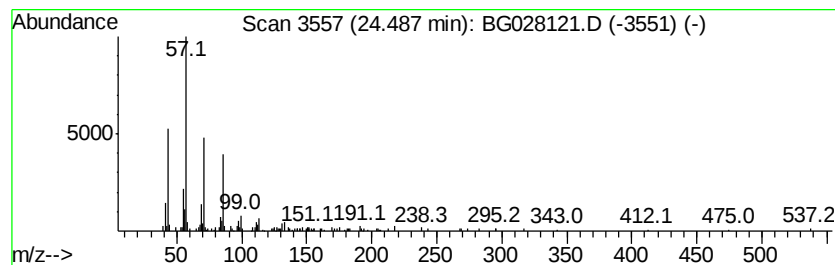
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.98 ng/ul	136885	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
2		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



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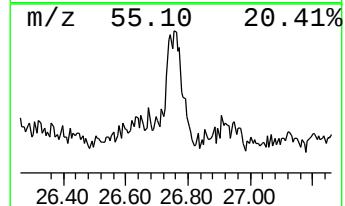
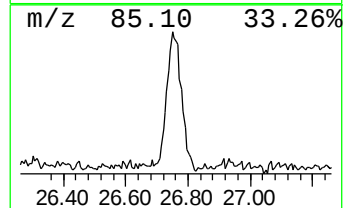
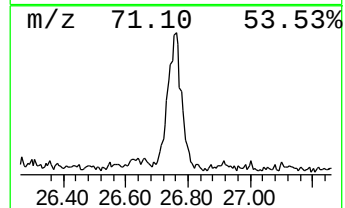
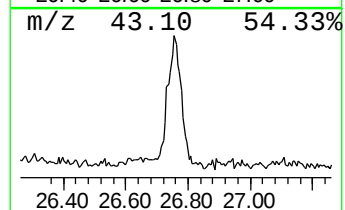
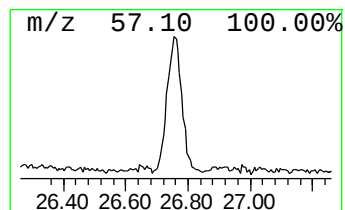
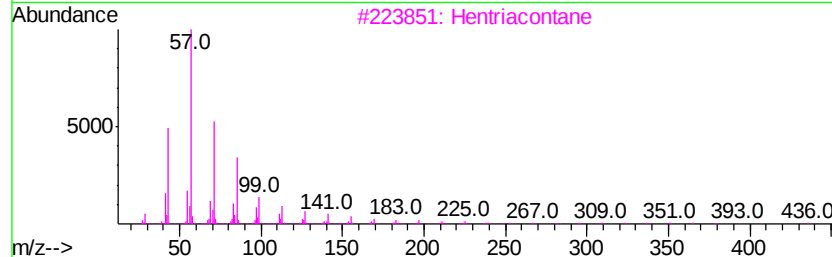
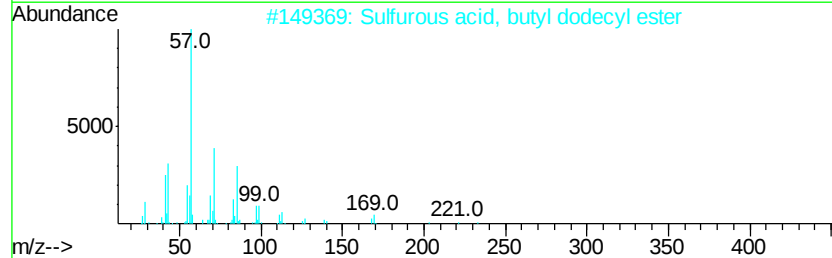
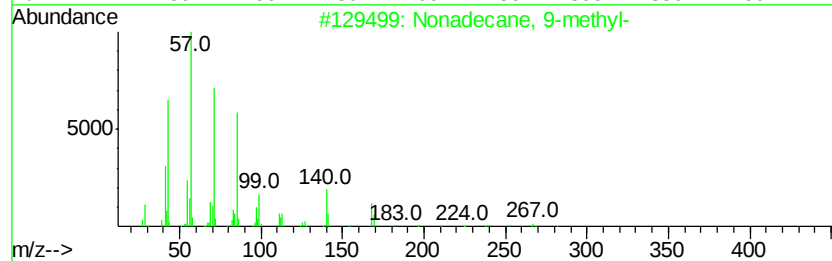
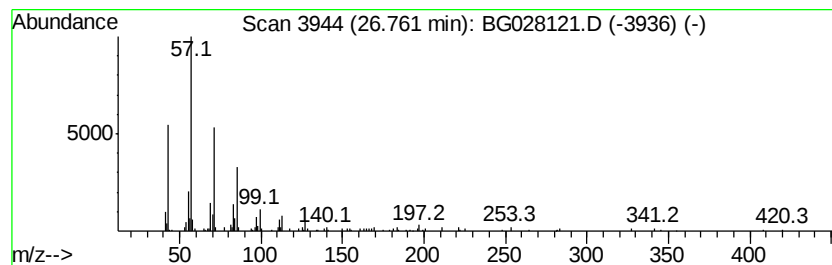
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	6.26 ng/ul	287069	Perylene-d12	25.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
2			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83
3			Hentriacontane	437	C31H64	000630-04-6	83
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	80



Data Path : Z:\HPCHEM1\BNA G\Data\BG080217\
Data File : BG028121.D
Acq On : 2 Aug 2017 23:17
Operator : SJ/JU
Sample : I4405-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X7

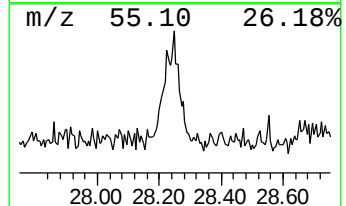
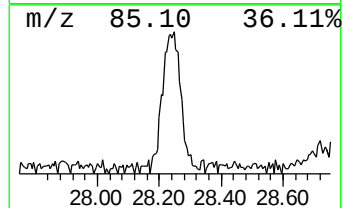
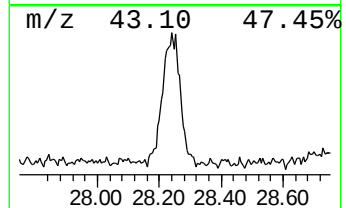
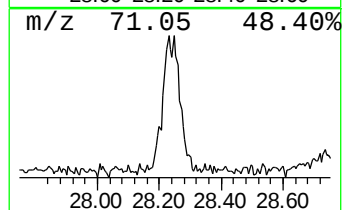
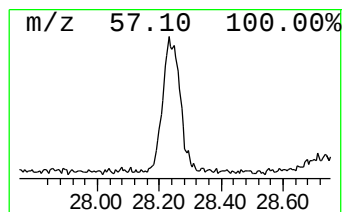
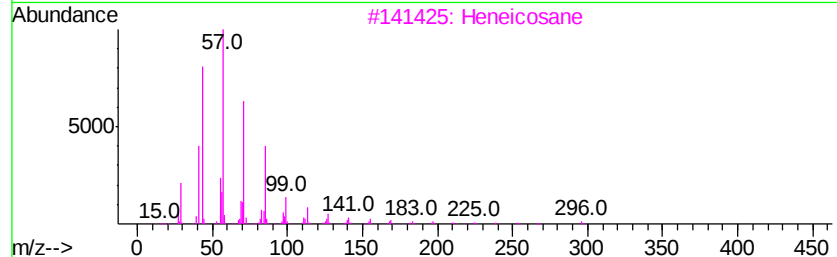
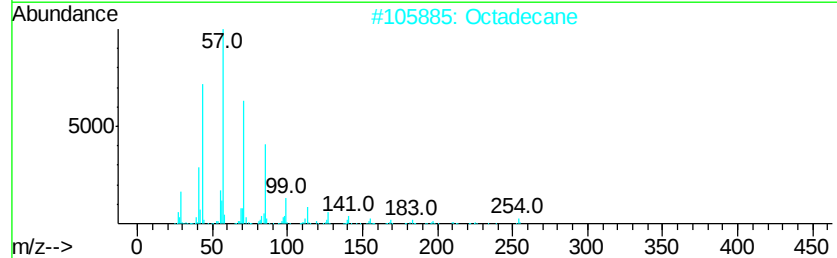
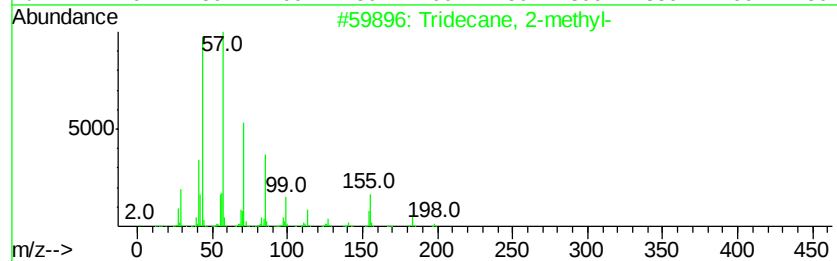
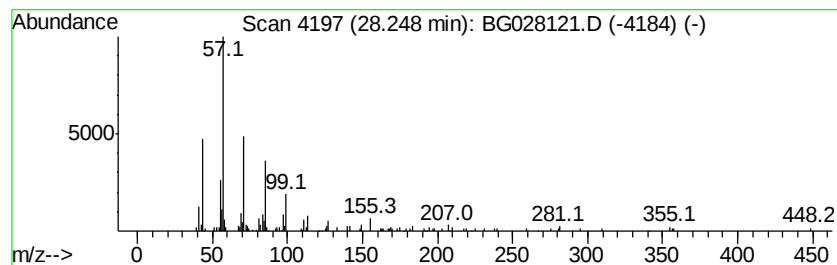
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	6.00 ng/ul	275378	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Octadecane	254	C18H38	000593-45-3	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72



Data Path : Z:\HPCHEM1\BNA G\Data\BG080217\
Data File : BG028121.D
Acq On : 2 Aug 2017 23:17
Operator : SJ/JU
Sample : I4405-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X7

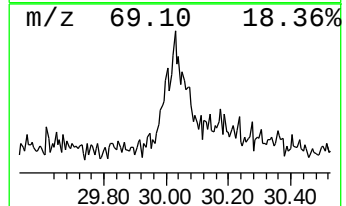
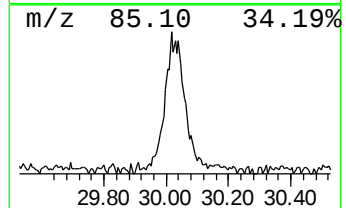
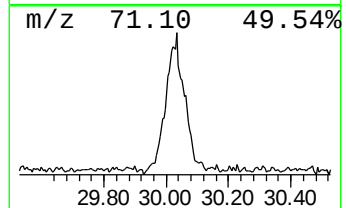
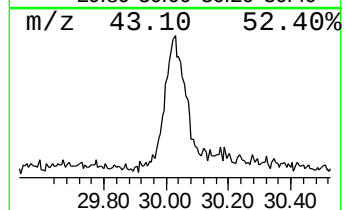
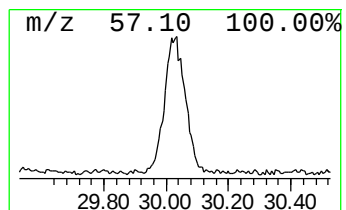
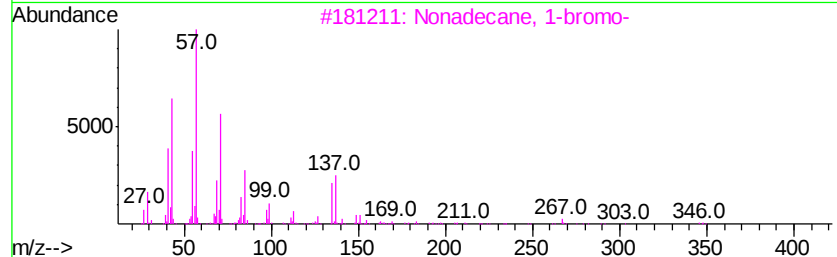
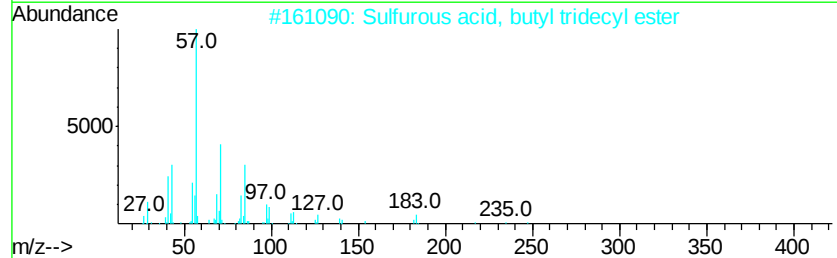
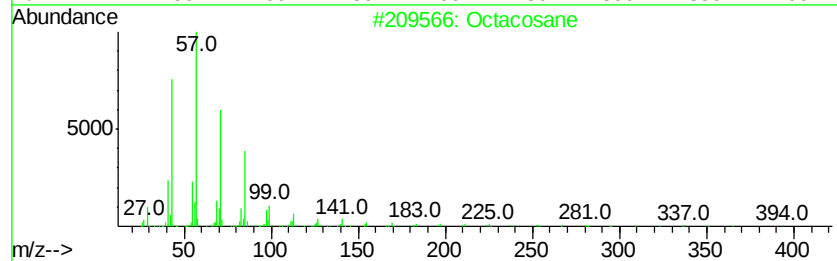
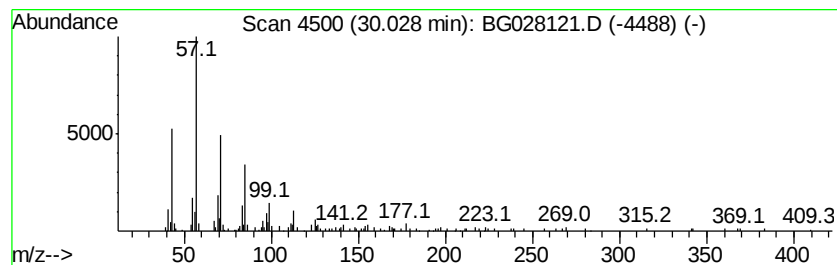
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.03	7.91 ng/ul	362822	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
3		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	86
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	80



Data Path : Z:\HPCHEM1\BNA G\Data\BG080217\
Data File : BG08121.D
Acq On : 2 Aug 2017 23:17
Operator : SJ/JU
Sample : I4405-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X7

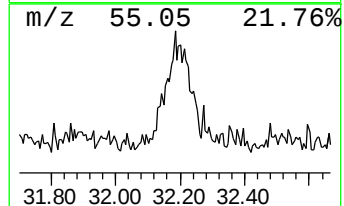
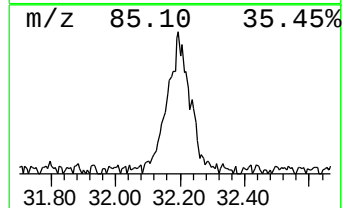
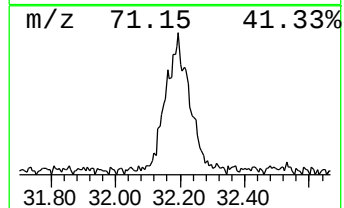
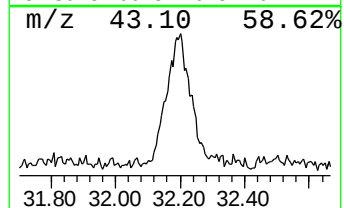
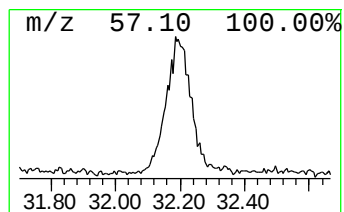
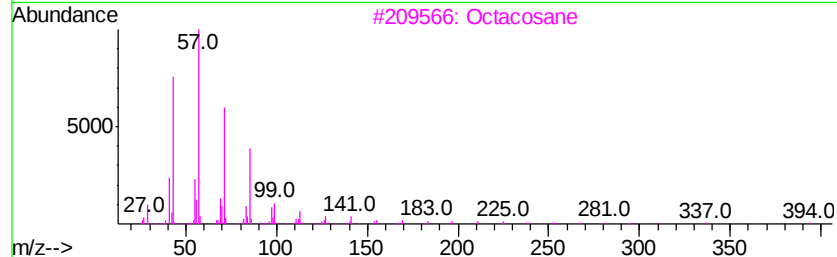
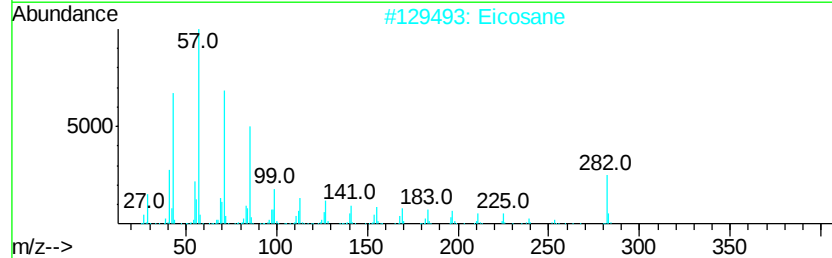
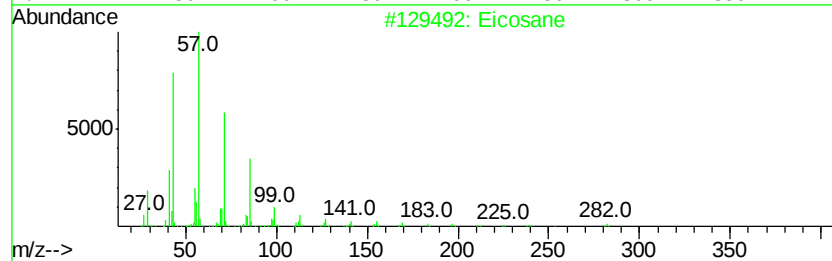
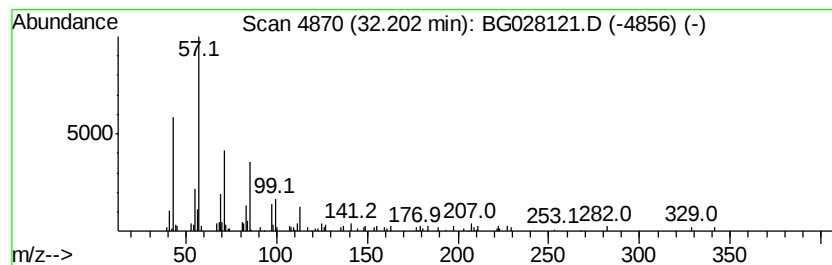
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.20	6.21 ng/ul	284799	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	87
3		Octacosane	394	C28H58	000630-02-4	86
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA_G\Data\BG080217\
Data File : BG028121.D
Acq On : 2 Aug 2017 23:17
Operator : SJ/JU
Sample : I4405-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X7

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Bromodocosane	21.63	2.5	ng/ul	99387	5	22.05	799436	20.0
(DEL) Alkane: Str...	24.49	3.0	ng/ul	136885	6	25.56	917253	20.0
(DEL) Alkane: Str...	26.76	6.3	ng/ul	287069	6	25.56	917253	20.0
(DEL) Alkane: Str...	28.25	6.0	ng/ul	275378	6	25.56	917253	20.0
(DEL) Alkane: Str...	30.03	7.9	ng/ul	362822	6	25.56	917253	20.0
(DEL) Alkane: Str...	32.20	6.2	ng/ul	284799	6	25.56	917253	20.0