

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027982.D
 Acq On : 20 Jul 2017 4:10
 Operator : SJ/JU
 Sample : I4213-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B72

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	3.860	41	46	58	rVB	9968	18720	0.86%	0.097%
2	4.783	194	203	208	rVB5	1755	3527	0.16%	0.018%
3	6.586	506	510	518	rVB4	1622	3174	0.15%	0.017%
4	7.509	657	667	683	rBV	179220	332499	15.35%	1.729%
5	7.685	688	697	708	rVV	146324	252651	11.66%	1.314%
6	7.785	708	714	718	rVB3	1527	3164	0.15%	0.016%
7	7.902	725	734	751	rVB	200315	355258	16.40%	1.847%
8	8.137	770	774	782	rVB	1625	2965	0.14%	0.015%
9	8.372	799	814	828	rVB	166840	306365	14.14%	1.593%
10	9.060	921	931	946	rBV	232129	429411	19.82%	2.233%
11	9.536	1003	1012	1025	rBV	184315	350429	16.17%	1.822%
12	10.264	1126	1136	1150	rVB	165896	314546	14.52%	1.636%
13	10.799	1218	1227	1252	rVB	241023	469240	21.66%	2.440%
14	11.187	1285	1293	1303	rBV	233344	440817	20.35%	2.292%
15	11.322	1308	1316	1332	rBV	214652	436010	20.12%	2.267%
16	12.756	1554	1560	1565	rVB5	3623	7593	0.35%	0.039%
17	13.331	1651	1658	1663	rVB3	2932	5208	0.24%	0.027%
18	13.572	1689	1699	1706	rVB2	3941	6476	0.30%	0.034%
19	14.365	1823	1834	1838	rBV	580402	859740	39.68%	4.471%
20	14.412	1839	1842	1849	rVB	79139	107721	4.97%	0.560%
21	14.671	1876	1886	1902	rBV	575693	919028	42.42%	4.779%
22	14.977	1928	1938	1947	rBV2	408531	672520	31.04%	3.497%
23	15.159	1960	1969	2000	rBV2	113781	289566	13.37%	1.506%
24	15.370	2003	2005	2014	rVB3	2628	4742	0.22%	0.025%
25	15.770	2068	2073	2077	rVB3	3567	6008	0.28%	0.031%
26	15.964	2097	2106	2115	rBV	844342	1297944	59.91%	6.750%
27	16.069	2115	2124	2135	rBV	226256	349871	16.15%	1.819%
28	16.204	2142	2147	2156	rVB2	8764	14963	0.69%	0.078%
29	16.639	2214	2221	2229	rVB4	2187	4757	0.22%	0.025%
30	17.432	2352	2356	2361	rBV3	3483	5296	0.24%	0.028%
31	17.509	2361	2369	2374	rVB5	2767	5848	0.27%	0.030%
32	17.720	2396	2405	2415	rBV2	607033	968253	44.69%	5.035%
33	17.820	2415	2422	2432	rVV2	1013695	1590198	73.40%	8.269%
34	17.897	2432	2435	2443	rVB3	4656	8960	0.41%	0.047%

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35	17.985	2445	2450	2455	rBV5	2006	3619	0.17%	0.019%
36	18.096	2466	2469	2476	rVB3	2671	4692	0.22%	0.024%
37	18.173	2476	2482	2490	rBV2	2555	6038	0.28%	0.031%
38	18.367	2509	2515	2518	rBV2	2139	4044	0.19%	0.021%
39	18.572	2543	2550	2561	rBV4	22383	46464	2.14%	0.242%
40	18.655	2561	2564	2567	rVB	5122	5518	0.25%	0.029%
41	18.948	2606	2614	2618	rBV2	3616	7600	0.35%	0.040%
42	19.219	2655	2660	2663	rBV4	1926	3681	0.17%	0.019%
43	19.418	2687	2694	2695	rBV4	3189	3698	0.17%	0.019%
44	19.730	2739	2747	2756	rVB3	12602	25057	1.16%	0.130%
45	19.830	2760	2764	2774	rBV6	7682	20654	0.95%	0.107%
46	19.982	2783	2790	2795	rBV2	10671	17707	0.82%	0.092%
47	20.094	2796	2809	2820	rBV	1442329	2144546	98.99%	11.152%
48	20.329	2846	2849	2857	rVB9	1774	3952	0.18%	0.021%
49	20.582	2888	2892	2895	rVB4	3031	3938	0.18%	0.020%
50	20.640	2895	2902	2904	rBV6	2625	5356	0.25%	0.028%
51	20.664	2904	2906	2911	rBV4	3519	4067	0.19%	0.021%
52	20.770	2918	2924	2927	rBV6	2198	3647	0.17%	0.019%
53	20.905	2943	2947	2952	rBV7	2307	2990	0.14%	0.016%
54	21.087	2974	2978	2981	rBV4	3956	6375	0.29%	0.033%
55	21.434	3028	3037	3039	rBV9	8386	17590	0.81%	0.091%
56	21.492	3039	3047	3065	rVV9	16080	71123	3.28%	0.370%
57	21.628	3065	3070	3079	rVV9	6168	14263	0.66%	0.074%
58	21.839	3104	3106	3109	rBV4	2298	2988	0.14%	0.016%
59	21.904	3110	3117	3123	rVB8	4064	12259	0.57%	0.064%
60	22.056	3134	3143	3155	rVB	735549	1317012	60.79%	6.849%
61	22.150	3155	3159	3162	rBV6	2663	3662	0.17%	0.019%
62	22.209	3163	3169	3175	rVB7	6506	13140	0.61%	0.068%
63	22.679	3246	3249	3251	rBV2	2552	3008	0.14%	0.016%
64	22.861	3276	3280	3287	rVB7	9165	18002	0.83%	0.094%
65	22.997	3300	3303	3306	rVB5	2909	3603	0.17%	0.019%
66	23.020	3306	3307	3310	rBV2	2410	3216	0.15%	0.017%
67	23.249	3344	3346	3349	rBV4	2832	3290	0.15%	0.017%
68	23.449	3378	3380	3386	rBV7	3564	6156	0.28%	0.032%
69	23.619	3401	3409	3415	rBV4	22872	44602	2.06%	0.232%
70	23.843	3445	3447	3454	rVB7	2788	3455	0.16%	0.018%
71	24.078	3485	3487	3490	rVB3	2774	3408	0.16%	0.018%

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72	24.336	3528	3531	3534	rVB4	3250	3961	0.18%	0.021%
73	24.495	3549	3558	3568	rBV3	36747	86612	4.00%	0.450%
74	24.618	3578	3579	3585	rBV5	2931	3990	0.18%	0.021%
75	24.794	3588	3609	3618	rBV5	11596	69225	3.20%	0.360%
76	24.982	3639	3641	3645	rBV4	2512	3180	0.15%	0.017%
77	25.329	3686	3700	3718	rBV2	708951	2166522	100.00%	11.266%
78	25.576	3726	3742	3762	rVB2	400164	1391211	64.21%	7.235%
79	26.028	3815	3819	3821	rVB4	2834	3049	0.14%	0.016%
80	26.069	3823	3826	3828	rVB4	2921	3121	0.14%	0.016%
81	26.545	3905	3907	3910	rVB3	3161	3127	0.14%	0.016%
82	26.769	3935	3945	3960	rVB3	53648	180145	8.31%	0.937%
83	27.109	3996	4003	4007	rBV7	4030	8555	0.39%	0.044%
84	27.480	4064	4066	4070	rBV4	2782	4457	0.21%	0.023%
85	27.732	4108	4109	4112	rBV3	3726	3347	0.15%	0.017%
86	27.938	4139	4144	4150	rVB8	2694	6437	0.30%	0.033%
87	28.155	4178	4181	4185	rBV5	2379	3797	0.18%	0.020%
88	28.255	4185	4198	4217	rBV4	52429	209069	9.65%	1.087%
89	28.508	4234	4241	4244	rVB8	2502	5409	0.25%	0.028%
90	28.713	4270	4276	4279	rBV7	3441	6752	0.31%	0.035%
91	28.754	4279	4283	4286	rBV6	5279	8737	0.40%	0.045%
92	29.718	4443	4447	4449	rBV4	2876	3899	0.18%	0.020%
93	30.041	4489	4502	4524	rVB5	36430	168082	7.76%	0.874%
94	30.382	4555	4560	4563	rBV6	2328	3406	0.16%	0.018%
95	30.464	4570	4574	4581	rVB9	2275	4924	0.23%	0.026%
96	30.987	4658	4663	4664	rBV5	3046	4533	0.21%	0.024%
97	31.287	4712	4714	4717	rBV4	1957	3095	0.14%	0.016%
98	32.221	4857	4873	4890	rVB8	29772	156832	7.24%	0.816%
99	32.350	4894	4895	4899	rBV4	3382	3448	0.16%	0.018%
100	32.615	4939	4940	4944	rVB4	3027	3287	0.15%	0.017%

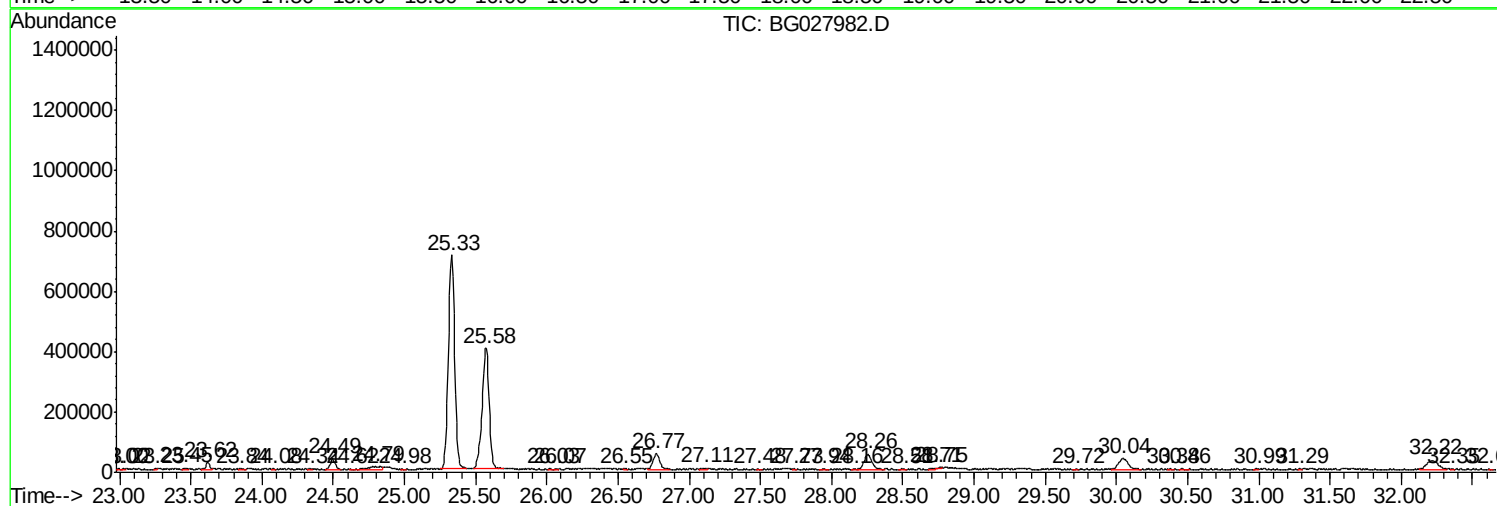
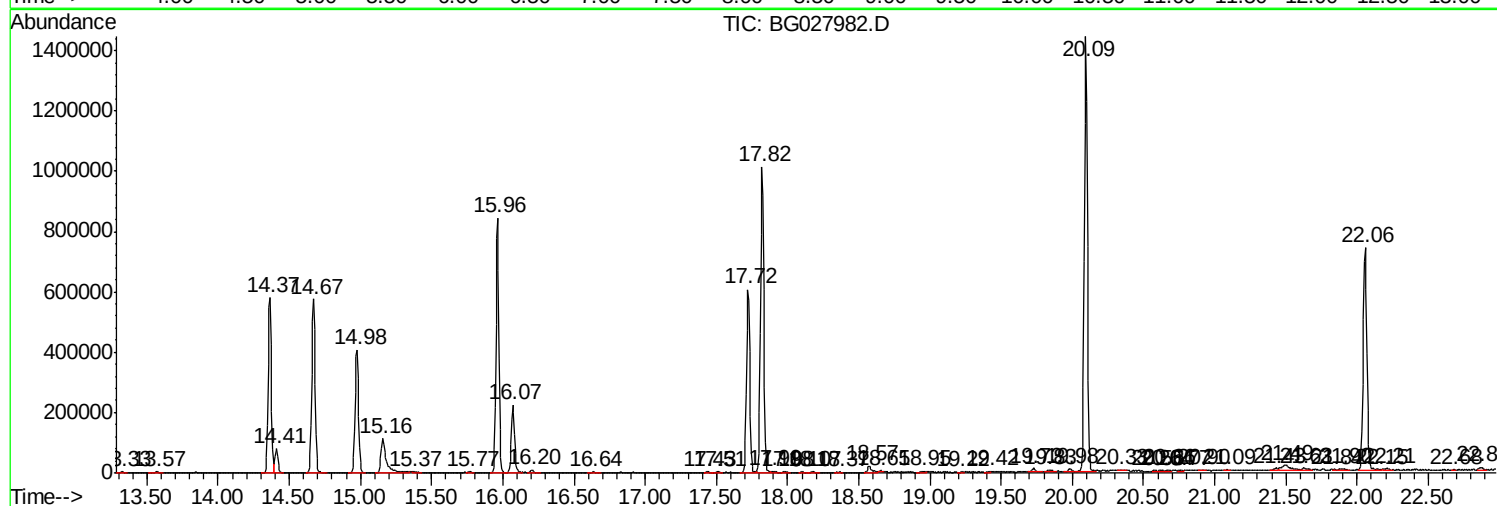
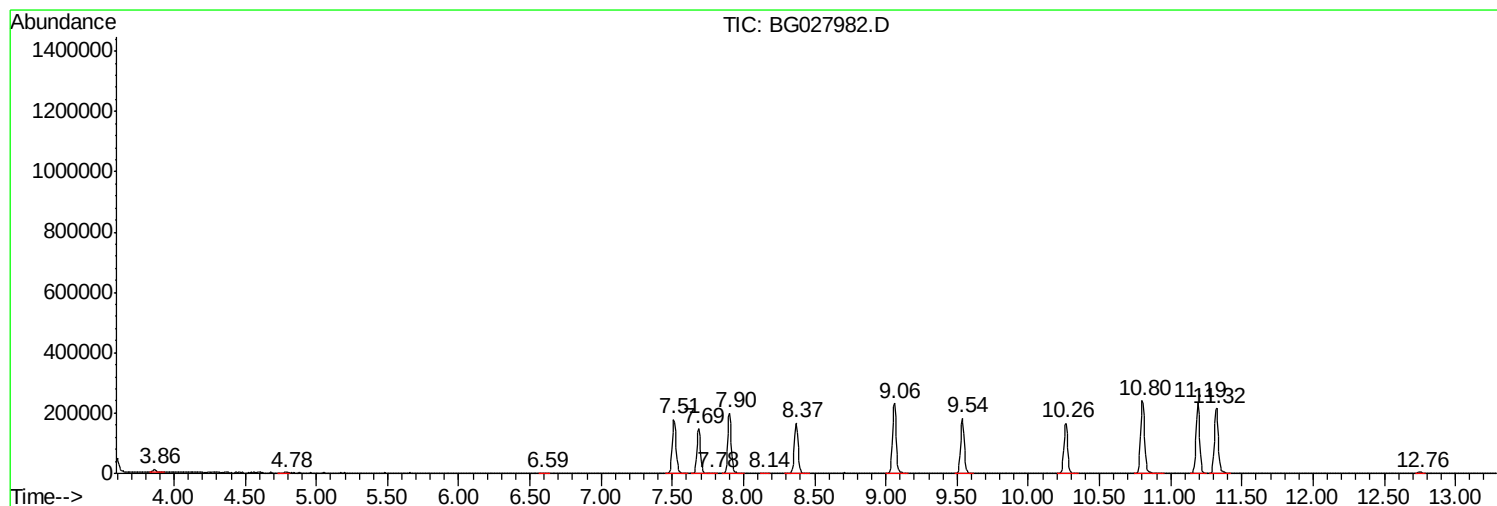
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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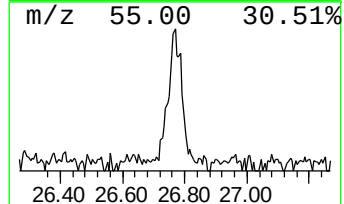
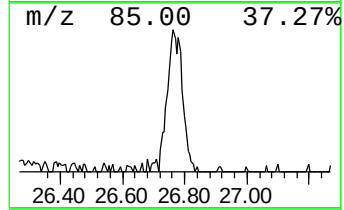
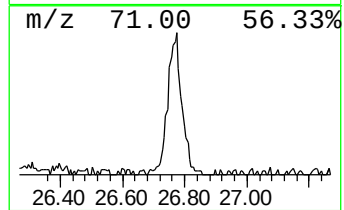
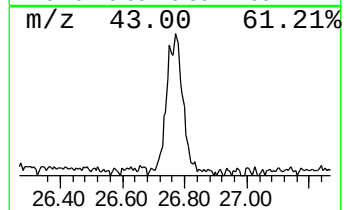
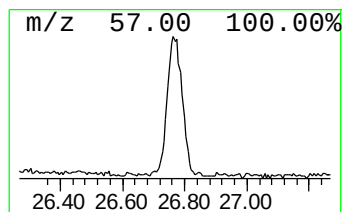
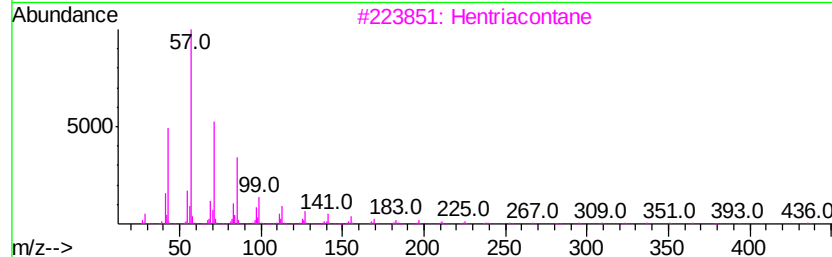
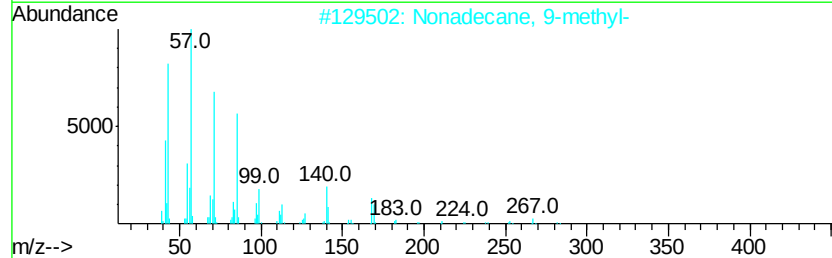
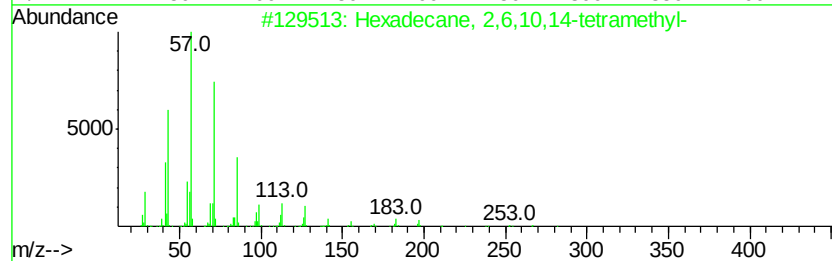
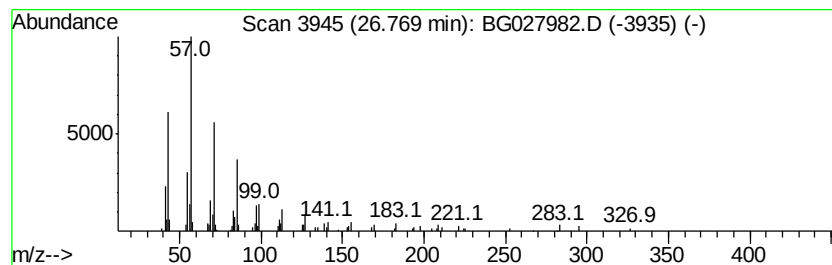
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.59 ng/ul	180145	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	97
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



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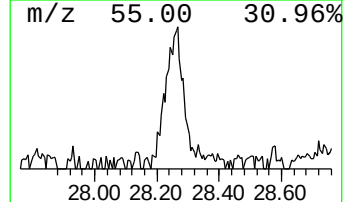
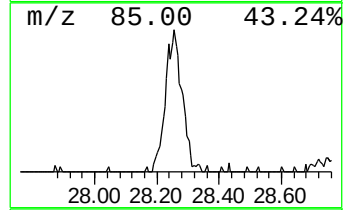
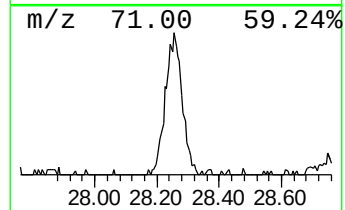
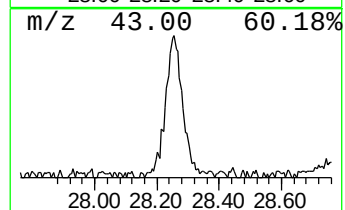
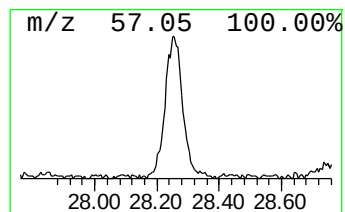
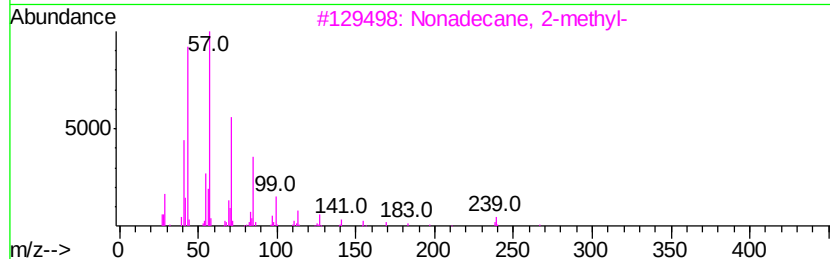
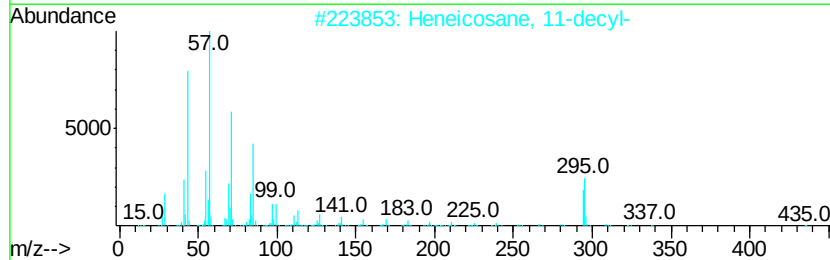
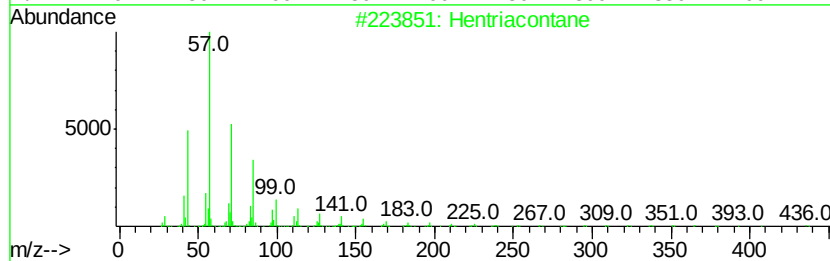
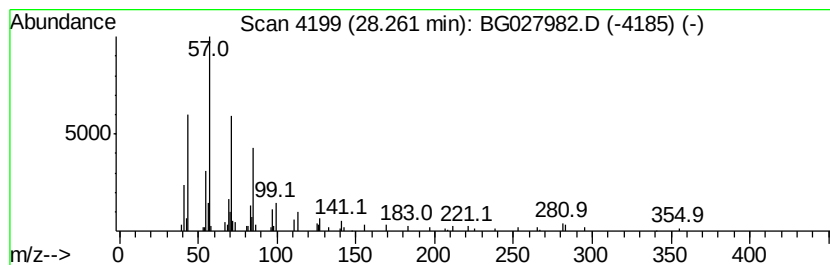
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.26	3.01 ng/ul	209069	Perylene-d12	25.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
4	Docosane	310	C22H46	000629-97-0	86
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83



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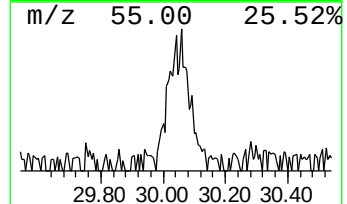
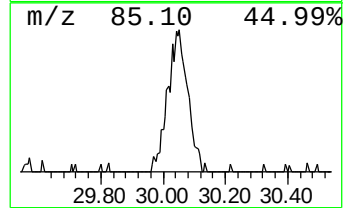
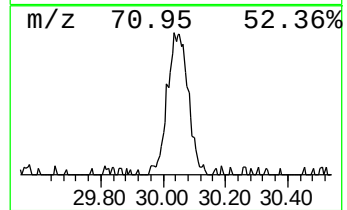
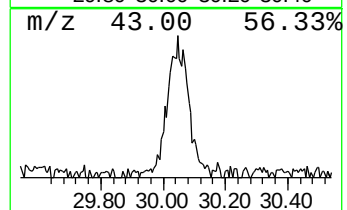
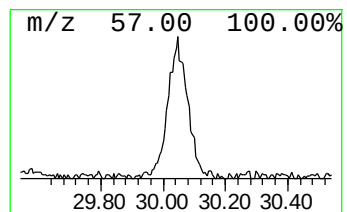
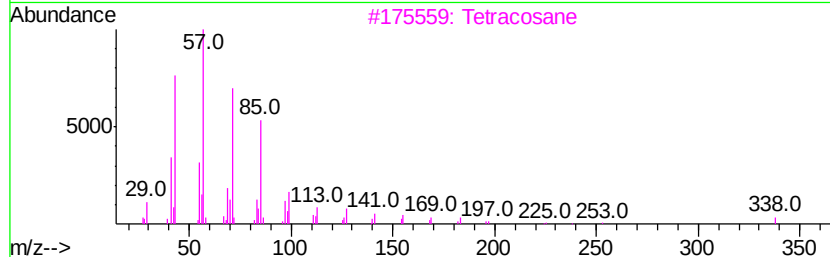
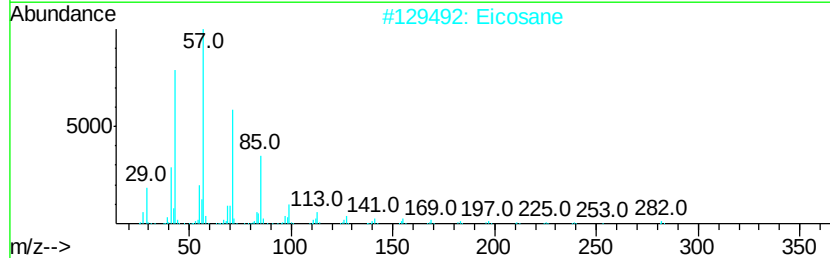
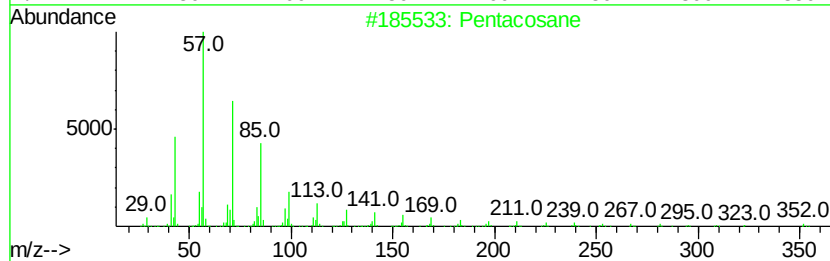
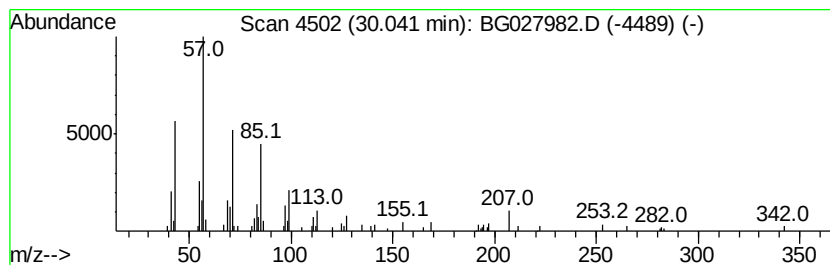
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.04	2.42 ng/ul	168082	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	83
2		Eicosane	282	C20H42	000112-95-8	81
3		Tetracosane	338	C24H50	000646-31-1	81
4		Tetracontane	563	C40H82	004181-95-7	80
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027982.D
Acq On : 20 Jul 2017 4:10
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B72

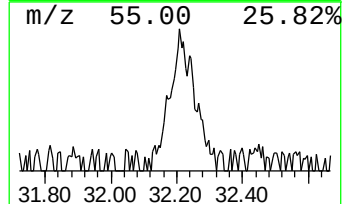
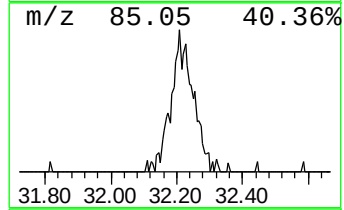
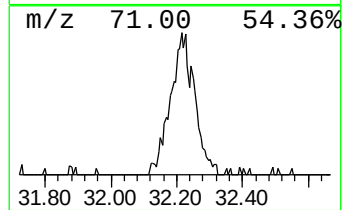
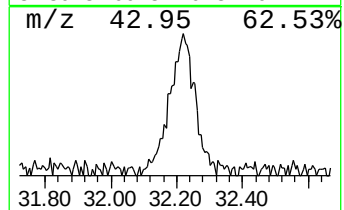
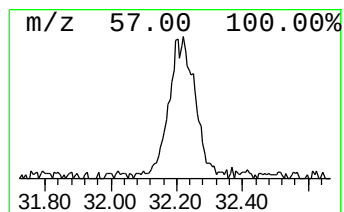
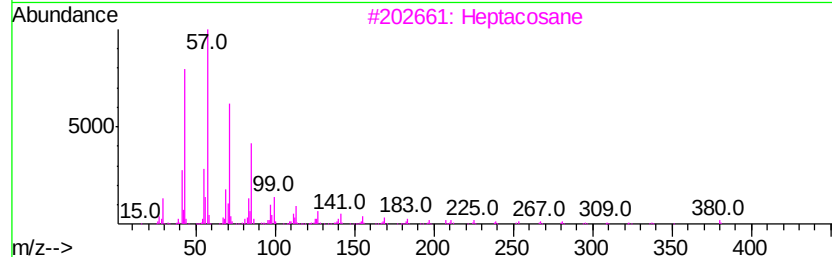
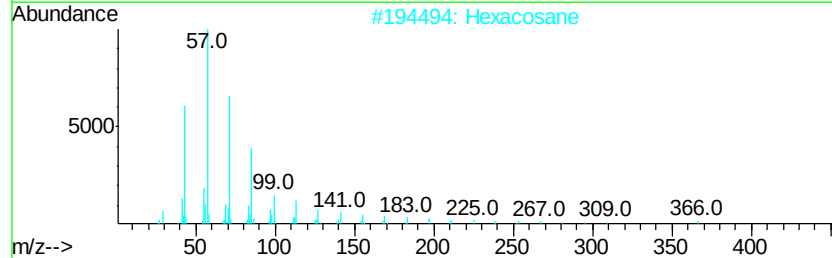
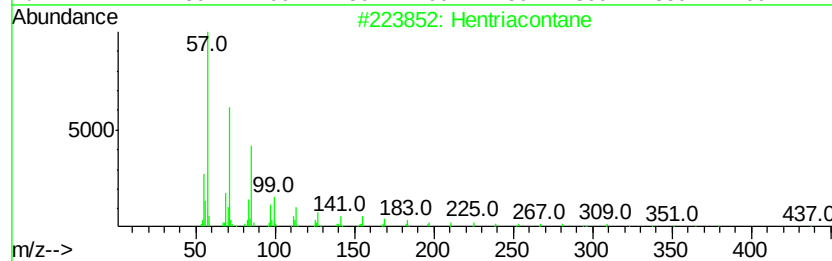
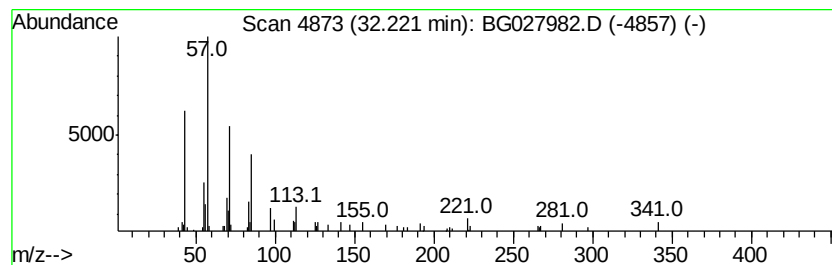
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Quant Title : SVOA CALIBRATION

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.
32.22	2.25 ng/ul	156832	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Hexacosane	366	C26H54	000630-01-3	87
3			Heptacosane	380	C27H56	000593-49-7	83
4			Tetracosane	338	C24H50	000646-31-1	74
5			Hexacosane	366	C26H54	000630-01-3	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
Data File : BG027982.D
Acq On : 20 Jul 2017 4:10
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B72

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	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	26.77	2.6	ng/ul	180145	6	25.57	1391210	20.0
(DEL) Alkane: Str...	28.26	3.0	ng/ul	209069	6	25.57	1391210	20.0
(DEL) Alkane: Str...	30.04	2.4	ng/ul	168082	6	25.57	1391210	20.0
(DEL) Alkane: Str...	32.22	2.3	ng/ul	156832	6	25.57	1391210	20.0