

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027987.D
 Acq On : 20 Jul 2017 7:28
 Operator : SJ/JU
 Sample : I4214-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B76

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	3.782	31	33	38	rBV4	1884	3041	0.14%	0.015%
2	3.859	40	46	56	rVB2	10770	18984	0.86%	0.093%
3	4.117	87	90	101	rVB	5186	11397	0.51%	0.056%
4	6.573	505	508	513	rBV3	1944	3210	0.14%	0.016%
5	7.513	658	668	686	rVB	204613	377834	17.02%	1.842%
6	7.684	690	697	710	rBV	162936	276534	12.46%	1.348%
7	7.901	724	734	747	rBV	215708	387170	17.44%	1.887%
8	8.371	805	814	826	rVV	185014	329452	14.84%	1.606%
9	9.058	921	931	941	rBV	266920	477092	21.49%	2.326%
10	9.534	1004	1012	1024	rBV	209750	399024	17.98%	1.945%
11	10.263	1126	1136	1147	rBV	185551	352035	15.86%	1.716%
12	10.803	1219	1228	1247	rBV	271028	520726	23.46%	2.538%
13	11.191	1285	1294	1304	rVB	268636	490510	22.10%	2.391%
14	11.320	1307	1316	1329	rBV	246668	482588	21.74%	2.353%
15	12.748	1553	1559	1567	rVB3	4265	8161	0.37%	0.040%
16	13.324	1651	1657	1665	rVB3	2094	3704	0.17%	0.018%
17	13.571	1693	1699	1702	rBV3	3063	4193	0.19%	0.020%
18	13.841	1742	1745	1756	rVB3	1665	2843	0.13%	0.014%
19	14.364	1825	1834	1838	rBV	675865	988478	44.53%	4.819%
20	14.411	1838	1842	1853	rVB	170387	251607	11.34%	1.227%
21	14.669	1875	1886	1899	rBV	670625	1070850	48.24%	5.220%
22	14.975	1930	1938	1948	rVB2	457999	759968	34.24%	3.705%
23	15.157	1961	1969	1994	rBV2	108730	280477	12.64%	1.367%
24	15.316	1995	1996	2003	rVB4	1886	2856	0.13%	0.014%
25	15.774	2064	2074	2081	rBV5	8354	15540	0.70%	0.076%
26	15.962	2096	2106	2117	rBV	956310	1480599	66.70%	7.218%
27	16.068	2118	2124	2136	rVV	223343	354607	15.98%	1.729%
28	16.197	2136	2146	2153	rVB3	11576	24967	1.12%	0.122%
29	16.638	2217	2221	2229	rBV	12822	23622	1.06%	0.115%
30	16.979	2273	2279	2286	rVV4	3056	6515	0.29%	0.032%
31	17.037	2286	2289	2294	rVB3	2322	3099	0.14%	0.015%
32	17.108	2294	2301	2303	rBV3	1723	3100	0.14%	0.015%
33	17.143	2303	2307	2315	rVV3	2303	4045	0.18%	0.020%
34	17.208	2315	2318	2323	rVV4	2064	3388	0.15%	0.017%

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35	17.431	2350	2356	2360	rBV2	13901	17947	0.81%	0.087%
36	17.484	2360	2365	2373	rVB6	3537	9835	0.44%	0.048%
37	17.719	2398	2405	2415	rBV2	622919	965959	43.52%	4.709%
38	17.819	2415	2422	2431	rVV2	1044146	1631140	73.48%	7.952%
39	17.889	2431	2434	2440	rVB6	3683	6586	0.30%	0.032%
40	18.171	2479	2482	2489	rBV5	5296	6874	0.31%	0.034%
41	18.365	2509	2515	2519	rVB6	1548	3325	0.15%	0.016%
42	18.571	2544	2550	2558	rBV6	13801	28637	1.29%	0.140%
43	18.653	2558	2564	2568	rVB2	5111	8832	0.40%	0.043%
44	19.370	2680	2686	2690	rBV	1563	2973	0.13%	0.014%
45	19.658	2731	2735	2740	rBV4	1687	3356	0.15%	0.016%
46	19.728	2740	2747	2753	rBV	12057	20741	0.93%	0.101%
47	19.828	2759	2764	2772	rBV6	5138	12376	0.56%	0.060%
48	19.981	2784	2790	2796	rBV	9628	16777	0.76%	0.082%
49	20.093	2801	2809	2819	rBV	1410429	2110683	95.09%	10.289%
50	20.439	2865	2868	2873	rVB5	3023	3492	0.16%	0.017%
51	20.780	2923	2926	2932	rVB6	1934	3644	0.16%	0.018%
52	20.845	2932	2937	2940	rVB3	2264	3251	0.15%	0.016%
53	20.909	2946	2948	2953	rVB4	2985	4040	0.18%	0.020%
54	20.997	2958	2963	2965	rBV5	2669	3804	0.17%	0.019%
55	21.285	3009	3012	3017	rVB5	2520	3929	0.18%	0.019%
56	21.438	3026	3038	3039	rBV6	8833	22635	1.02%	0.110%
57	21.491	3041	3047	3062	rVB6	14058	55225	2.49%	0.269%
58	21.626	3066	3070	3072	rBV6	4984	5398	0.24%	0.026%
59	21.691	3080	3081	3088	rVB6	1919	2883	0.13%	0.014%
60	22.055	3135	3143	3153	rBV	718422	1304169	58.75%	6.358%
61	22.214	3163	3170	3173	rVB6	5082	8722	0.39%	0.043%
62	22.266	3178	3179	3185	rBV5	2448	3110	0.14%	0.015%
63	22.337	3188	3191	3198	rVB8	2178	4137	0.19%	0.020%
64	22.689	3248	3251	3254	rBV3	2425	2860	0.13%	0.014%
65	22.872	3275	3282	3287	rVB6	8890	19005	0.86%	0.093%
66	23.095	3318	3320	3323	rBV3	3835	3567	0.16%	0.017%
67	23.242	3342	3345	3349	rBV4	3140	5005	0.23%	0.024%
68	23.618	3400	3409	3416	rVV2	24923	53170	2.40%	0.259%
69	23.953	3464	3466	3470	rVB5	2733	2849	0.13%	0.014%
70	24.006	3471	3475	3480	rVB7	2155	4051	0.18%	0.020%
71	24.346	3525	3533	3540	rVB10	3735	9468	0.43%	0.046%

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72	24.411	3541	3544	3546	rVB4	2789	2965	0.13%	0.014%
73	24.493	3548	3558	3571	rBV3	42757	106366	4.79%	0.519%
74	24.805	3594	3611	3614	rBV3	9938	38380	1.73%	0.187%
75	25.010	3645	3646	3653	rVB5	2369	4397	0.20%	0.021%
76	25.328	3686	3700	3721	rVV2	715247	2219726	100.00%	10.821%
77	25.568	3724	3741	3759	rVB2	401840	1403850	63.24%	6.844%
78	25.739	3768	3770	3778	rVB7	2121	4365	0.20%	0.021%
79	26.274	3858	3861	3864	rVB4	3613	4951	0.22%	0.024%
80	26.456	3889	3892	3896	rVB5	1918	3417	0.15%	0.017%
81	26.761	3931	3944	3966	rVB3	64961	218866	9.86%	1.067%
82	26.902	3966	3968	3972	rBV3	2185	3438	0.15%	0.017%
83	27.666	4095	4098	4102	rBV5	2603	4085	0.18%	0.020%
84	28.254	4185	4198	4213	rBV4	61717	244955	11.04%	1.194%
85	28.359	4213	4216	4220	rVV6	2390	3093	0.14%	0.015%
86	28.400	4220	4223	4227	rVB4	2137	3019	0.14%	0.015%
87	28.712	4271	4276	4277	rBV5	2100	3499	0.16%	0.017%
88	29.023	4323	4329	4331	rVV6	2560	3008	0.14%	0.015%
89	29.529	4411	4415	4418	rBV5	2339	3928	0.18%	0.019%
90	29.552	4418	4419	4423	rVB4	3132	2941	0.13%	0.014%
91	30.046	4485	4503	4517	rBV5	47227	206197	9.29%	1.005%
92	30.251	4535	4538	4541	rBV5	2338	3199	0.14%	0.016%
93	30.545	4586	4588	4595	rBV7	2919	4565	0.21%	0.022%
94	30.645	4604	4605	4610	rVB4	2727	2987	0.13%	0.015%
95	30.933	4651	4654	4658	rVB4	2447	3947	0.18%	0.019%
96	31.056	4672	4675	4678	rBV5	2757	3707	0.17%	0.018%
97	31.326	4717	4721	4722	rBV3	3745	4755	0.21%	0.023%
98	31.503	4750	4751	4756	rBV4	2316	4082	0.18%	0.020%
99	31.979	4827	4832	4833	rBV5	3359	3918	0.18%	0.019%
100	32.208	4853	4871	4889	rBV6	36237	200137	9.02%	0.976%

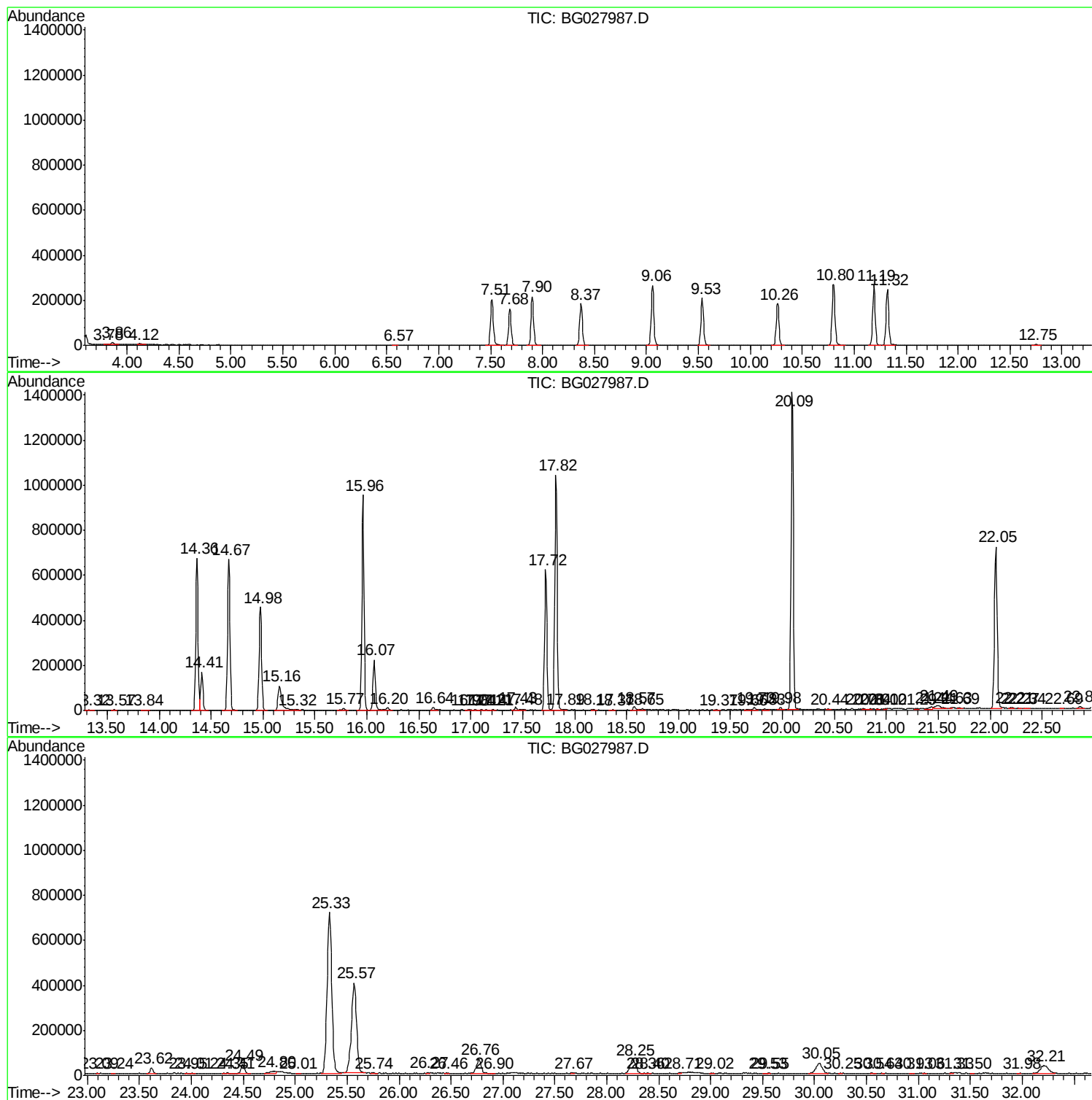
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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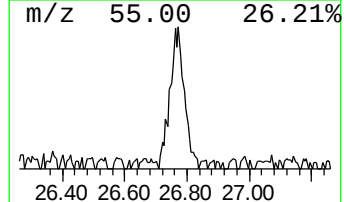
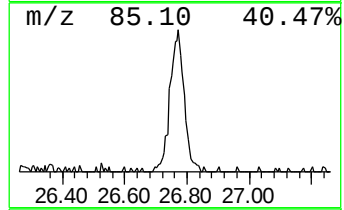
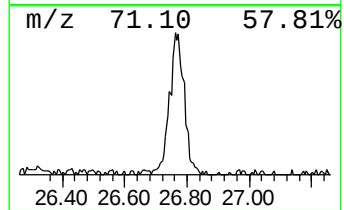
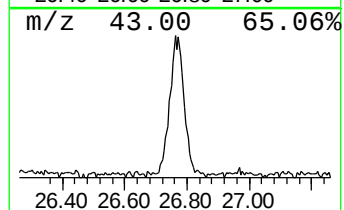
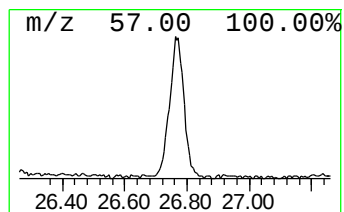
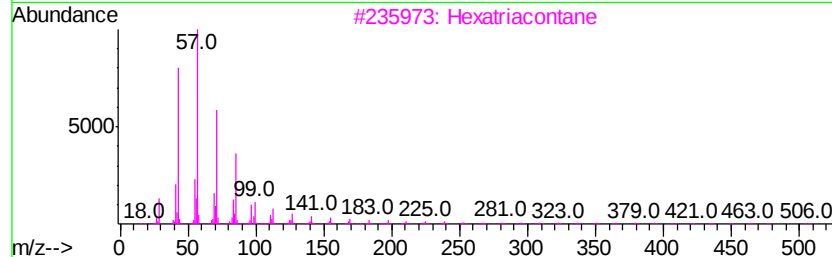
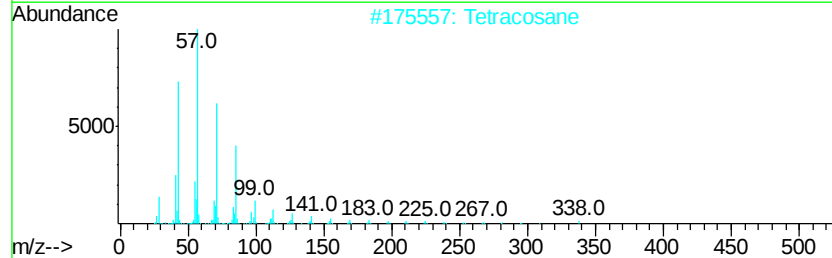
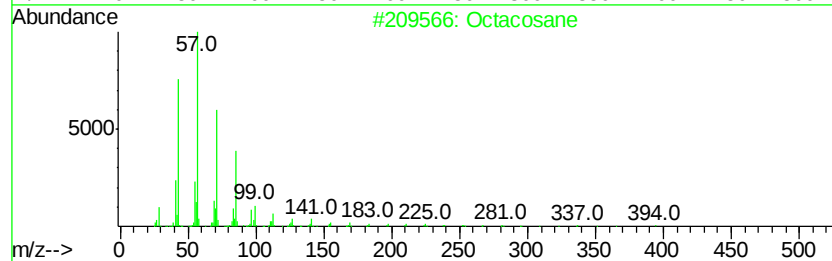
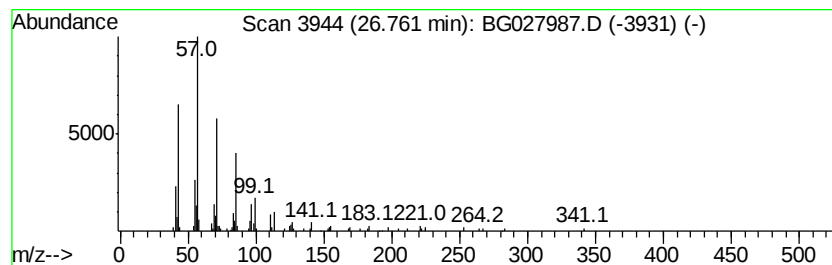
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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.
26.76	3.12 ng/ul	218866	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Hexatriacontane	507	C36H74	000630-06-8	87
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



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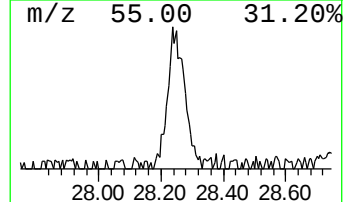
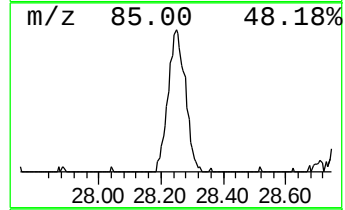
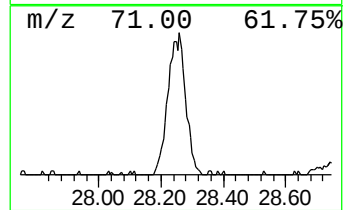
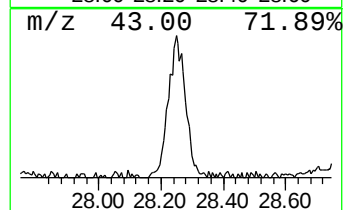
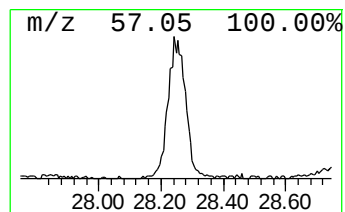
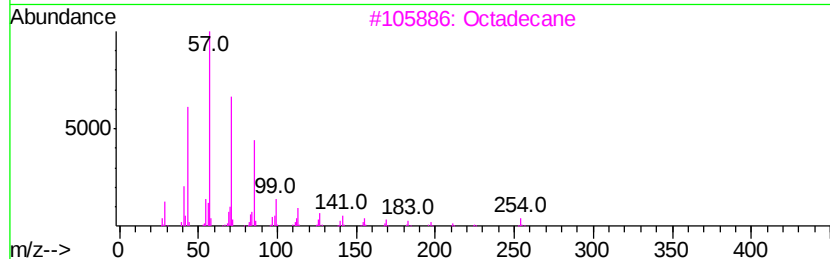
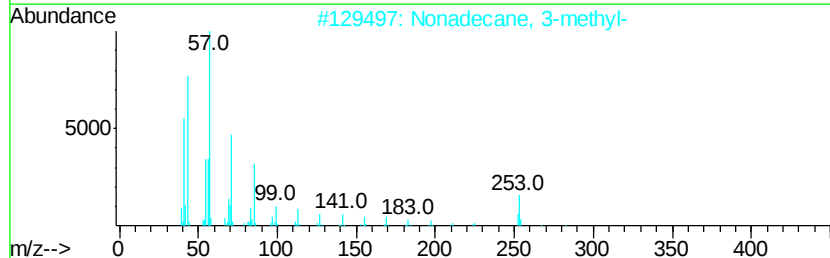
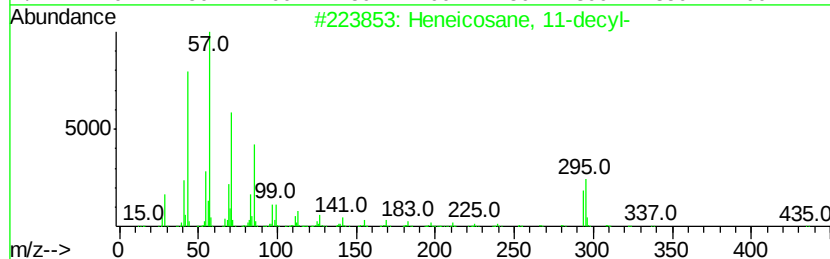
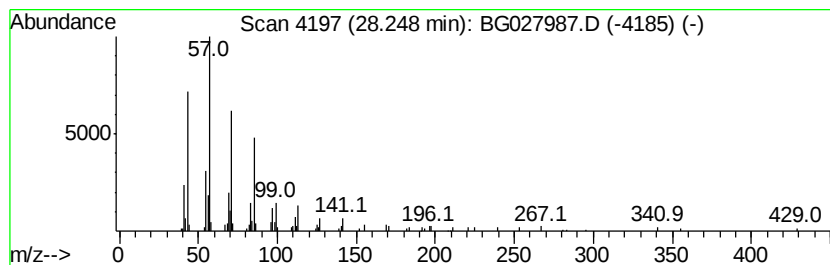
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	3.49 ng/ul	244955	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2			Nonadecane, 3-methyl-	282	C20H42	006418-45-7	89
3			Octadecane	254	C18H38	000593-45-3	87
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5			Tetracosane	338	C24H50	000646-31-1	87



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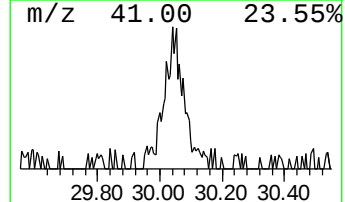
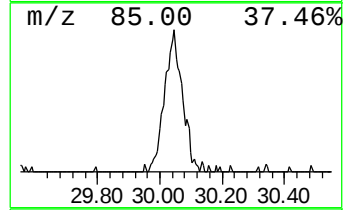
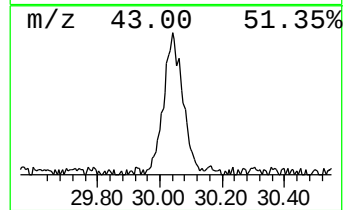
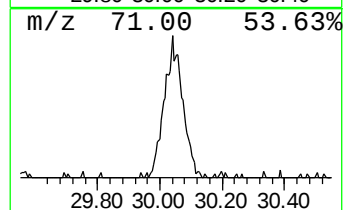
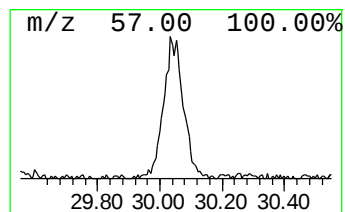
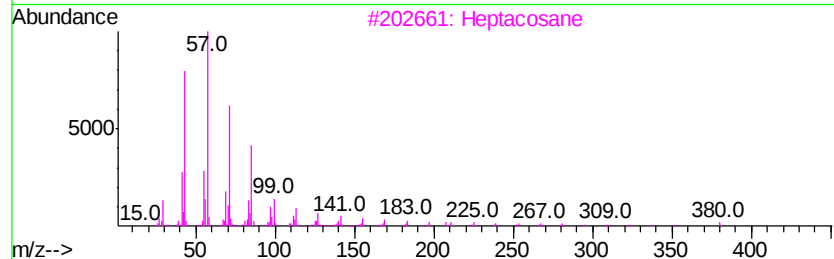
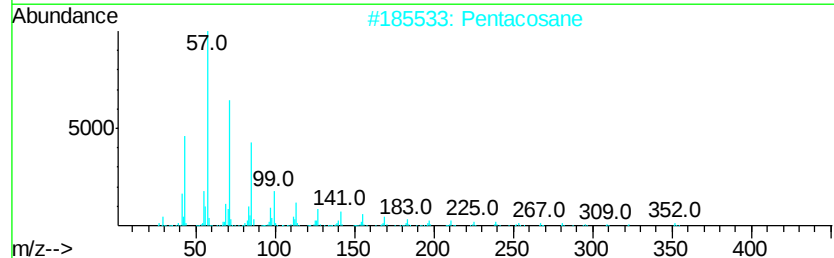
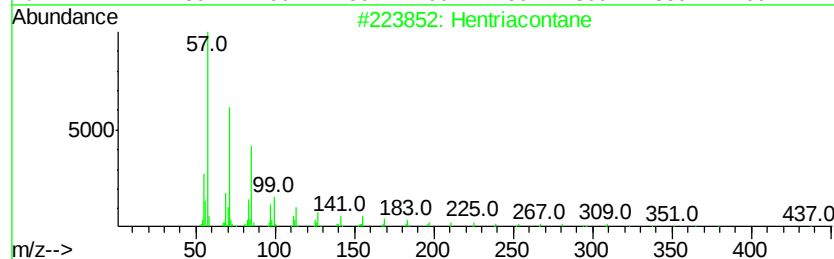
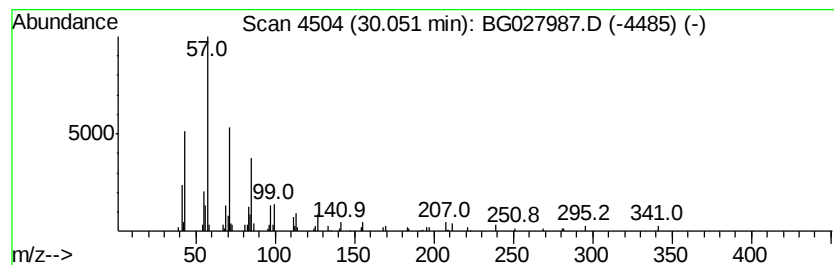
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.94 ng/ul	206197	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Pentacosane	352	C25H52	000629-99-2	90
3			Heptacosane	380	C27H56	000593-49-7	83
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027987.D
Acq On : 20 Jul 2017 7:28
Operator : SJ/JU
Sample : I4214-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B76

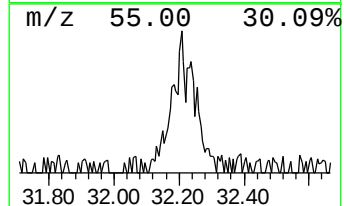
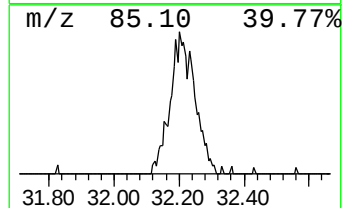
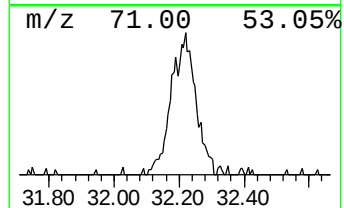
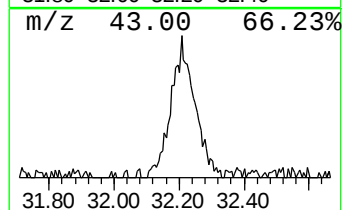
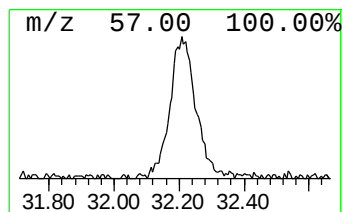
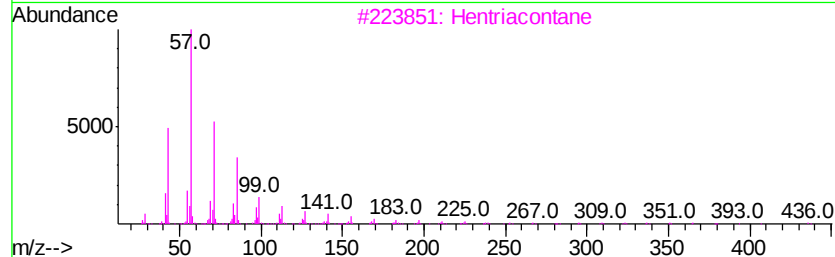
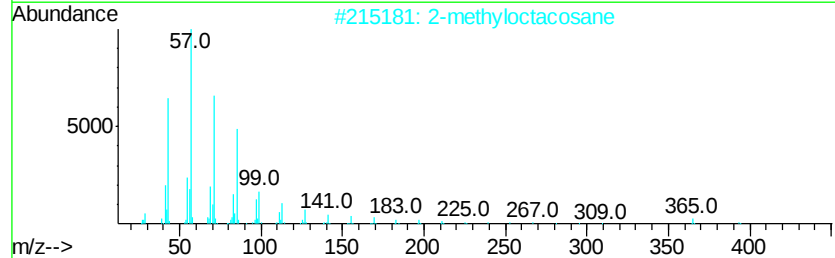
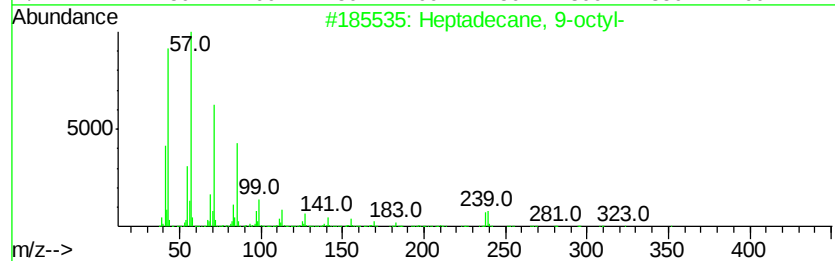
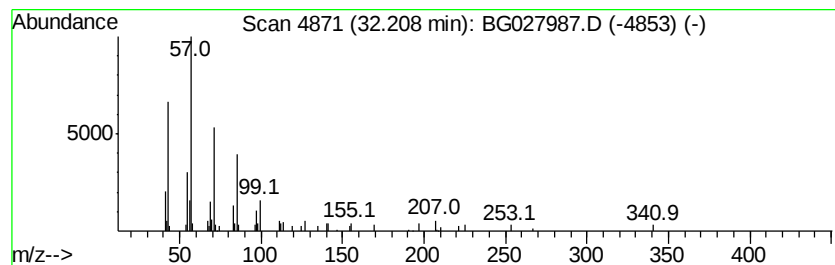
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Quant Title : SVOA CALIBRATION

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.
32.21	2.85 ng/ul	200137	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	86
3		Hentriacontane	437	C31H64	000630-04-6	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B76

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...	26.76	3.1	ng/ul	218866	6	25.57	1403850	20.0
(DEL) Alkane: Str...	28.25	3.5	ng/ul	244955	6	25.57	1403850	20.0
(DEL) Alkane: Str...	30.05	2.9	ng/ul	206197	6	25.57	1403850	20.0
(DEL) Alkane: Str...	32.21	2.9	ng/ul	200137	6	25.57	1403850	20.0