

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027986.D
 Acq On : 20 Jul 2017 6:48
 Operator : SJ/JU
 Sample : I4214-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B75

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	41	46	56	rVB2	10734	16644	0.83%	0.090%
2	4.129	87	92	97	rBV3	2804	5307	0.26%	0.029%
3	4.787	197	204	210	rBV4	2996	5584	0.28%	0.030%
4	6.579	506	509	518	rVB3	1840	3034	0.15%	0.016%
5	7.508	660	667	683	rBV	179178	337937	16.77%	1.836%
6	7.684	689	697	707	rBV	139444	241489	11.99%	1.312%
7	7.901	724	734	743	rBV	187009	339704	16.86%	1.846%
8	8.371	805	814	823	rVB	171974	302399	15.01%	1.643%
9	9.059	923	931	943	rBV	229215	419051	20.80%	2.277%
10	9.535	1004	1012	1026	rVB	183735	342970	17.02%	1.864%
11	10.257	1126	1135	1150	rVB	159904	309312	15.35%	1.681%
12	10.804	1217	1228	1243	rBV	235636	457742	22.72%	2.488%
13	11.192	1286	1294	1302	rVV	244442	443958	22.04%	2.413%
14	11.321	1306	1316	1330	rBV	217860	418523	20.77%	2.274%
15	12.749	1554	1559	1567	rVB2	4263	7183	0.36%	0.039%
16	13.330	1653	1658	1664	rBV3	2082	3256	0.16%	0.018%
17	13.571	1693	1699	1706	rVB2	2894	4637	0.23%	0.025%
18	14.364	1825	1834	1839	rBV	558190	837389	41.56%	4.551%
19	14.411	1839	1842	1851	rVB	105121	148889	7.39%	0.809%
20	14.670	1879	1886	1896	rBV	549327	902643	44.80%	4.905%
21	14.975	1929	1938	1958	rBV2	408556	688414	34.17%	3.741%
22	15.157	1958	1969	1998	rBV3	110173	292486	14.52%	1.589%
23	15.375	2003	2006	2010	rVB3	3008	3713	0.18%	0.020%
24	15.769	2063	2073	2080	rBV3	4478	10854	0.54%	0.059%
25	15.962	2096	2106	2118	rBV	784961	1253716	62.23%	6.813%
26	16.074	2118	2125	2140	rVV	222942	357198	17.73%	1.941%
27	16.203	2140	2147	2152	rVB4	9525	16299	0.81%	0.089%
28	16.644	2217	2222	2230	rBV2	6916	12334	0.61%	0.067%
29	16.985	2275	2280	2287	rBV3	2100	3071	0.15%	0.017%
30	17.431	2352	2356	2362	rVV2	5924	8969	0.45%	0.049%
31	17.484	2362	2365	2367	rVV	2427	3246	0.16%	0.018%
32	17.514	2367	2370	2374	rVB	3102	4681	0.23%	0.025%
33	17.725	2397	2406	2416	rBV	610189	945851	46.95%	5.140%
34	17.825	2416	2423	2433	rVV	964433	1491514	74.03%	8.106%

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35	17.890	2433	2434	2440	rVB	4652	5948	0.30%	0.032%
36	17.984	2443	2450	2454	rBV4	2306	3390	0.17%	0.018%
37	18.366	2510	2515	2523	rVB3	1718	3548	0.18%	0.019%
38	18.577	2544	2551	2560	rBV5	18003	35737	1.77%	0.194%
39	18.653	2560	2564	2571	rVB	4994	8303	0.41%	0.045%
40	18.941	2610	2613	2619	rBV5	3330	6037	0.30%	0.033%
41	19.288	2669	2672	2678	rVB2	1439	3168	0.16%	0.017%
42	19.341	2678	2681	2684	rBV	1721	3070	0.15%	0.017%
43	19.435	2691	2697	2701	rBV4	1851	3585	0.18%	0.019%
44	19.734	2742	2748	2749	rBV2	11459	14745	0.73%	0.080%
45	19.758	2749	2752	2758	rVB	15408	23203	1.15%	0.126%
46	19.834	2758	2765	2779	rBV5	8840	21094	1.05%	0.115%
47	19.993	2785	2792	2800	rBV3	9711	18110	0.90%	0.098%
48	20.099	2800	2810	2821	rBV	1365072	2013392	99.94%	10.942%
49	20.299	2839	2844	2852	rVB7	2681	7372	0.37%	0.040%
50	20.581	2889	2892	2895	rVB4	2665	3738	0.19%	0.020%
51	20.622	2895	2899	2901	rBV5	3232	5434	0.27%	0.030%
52	21.015	2963	2966	2970	rBV5	2503	3215	0.16%	0.017%
53	21.092	2974	2979	2983	rVB8	3942	6252	0.31%	0.034%
54	21.321	3011	3018	3020	rBV5	2083	3771	0.19%	0.020%
55	21.427	3028	3036	3041	rBV8	5577	16568	0.82%	0.090%
56	21.485	3041	3046	3062	rVB8	8238	31655	1.57%	0.172%
57	21.644	3068	3073	3082	rBV8	4047	11982	0.59%	0.065%
58	21.744	3087	3090	3097	rBV7	2480	4213	0.21%	0.023%
59	21.897	3112	3116	3122	rBV4	6992	11485	0.57%	0.062%
60	22.055	3132	3143	3160	rBV	714104	1316024	65.32%	7.152%
61	22.214	3164	3170	3175	rVB6	5000	10506	0.52%	0.057%
62	22.390	3199	3200	3205	rBV4	2624	3543	0.18%	0.019%
63	22.584	3229	3233	3235	rBV5	2914	3204	0.16%	0.017%
64	22.866	3277	3281	3291	rBV9	7458	16642	0.83%	0.090%
65	23.054	3309	3313	3318	rBV8	3075	5315	0.26%	0.029%
66	23.166	3331	3332	3336	rVB4	3216	3380	0.17%	0.018%
67	23.289	3348	3353	3357	rVB7	4055	6257	0.31%	0.034%
68	23.371	3364	3367	3370	rBV4	2698	3481	0.17%	0.019%
69	23.618	3402	3409	3416	rBV4	20119	41339	2.05%	0.225%
70	23.765	3432	3434	3439	rBV5	2675	3939	0.20%	0.021%
71	23.818	3440	3443	3446	rVV3	2726	3707	0.18%	0.020%

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72	23.953	3462	3466	3469	rBV4	2581	4410	0.22%	0.024%
73	24.353	3528	3534	3539	rVB6	4312	6657	0.33%	0.036%
74	24.499	3543	3559	3568	rBV4	31961	87501	4.34%	0.476%
75	24.782	3600	3607	3608	rBV7	4934	8835	0.44%	0.048%
76	24.805	3610	3611	3615	rVB3	4560	3607	0.18%	0.020%
77	25.334	3687	3701	3718	rBV2	660908	2014697	100.00%	10.949%
78	25.575	3727	3742	3762	rBV2	396480	1347471	66.88%	7.323%
79	26.368	3875	3877	3884	rBV7	4967	7573	0.38%	0.041%
80	26.767	3933	3945	3958	rVB4	44542	141164	7.01%	0.767%
81	27.014	3982	3987	3989	rBV4	3387	4128	0.20%	0.022%
82	27.120	3998	4005	4009	rVB8	3467	9485	0.47%	0.052%
83	27.549	4075	4078	4083	rBV5	2279	3327	0.17%	0.018%
84	27.666	4092	4098	4101	rBV7	3133	6893	0.34%	0.037%
85	27.995	4149	4154	4156	rBV4	1692	3449	0.17%	0.019%
86	28.254	4187	4198	4210	rBV3	42616	156307	7.76%	0.849%
87	28.366	4216	4217	4225	rVB7	2281	3257	0.16%	0.018%
88	28.618	4258	4260	4262	rBV2	3148	3105	0.15%	0.017%
89	28.648	4262	4265	4269	rVB6	2819	3766	0.19%	0.020%
90	28.736	4274	4280	4283	rBV7	3757	8386	0.42%	0.046%
91	29.317	4371	4379	4383	rBV8	3685	7647	0.38%	0.042%
92	29.946	4482	4486	4488	rBV5	1988	3377	0.17%	0.018%
93	30.046	4489	4503	4522	rVV4	32527	143040	7.10%	0.777%
94	30.293	4540	4545	4549	rBV7	3297	5817	0.29%	0.032%
95	30.381	4557	4560	4564	rVB4	2374	3070	0.15%	0.017%
96	30.628	4599	4602	4606	rBV6	2793	3383	0.17%	0.018%
97	30.722	4617	4618	4625	rVB7	2893	4027	0.20%	0.022%
98	31.615	4766	4770	4772	rBV4	2632	3173	0.16%	0.017%
99	31.879	4814	4815	4822	rBV7	3322	5547	0.28%	0.030%
100	32.214	4857	4872	4873	rBV8	23644	71810	3.56%	0.390%

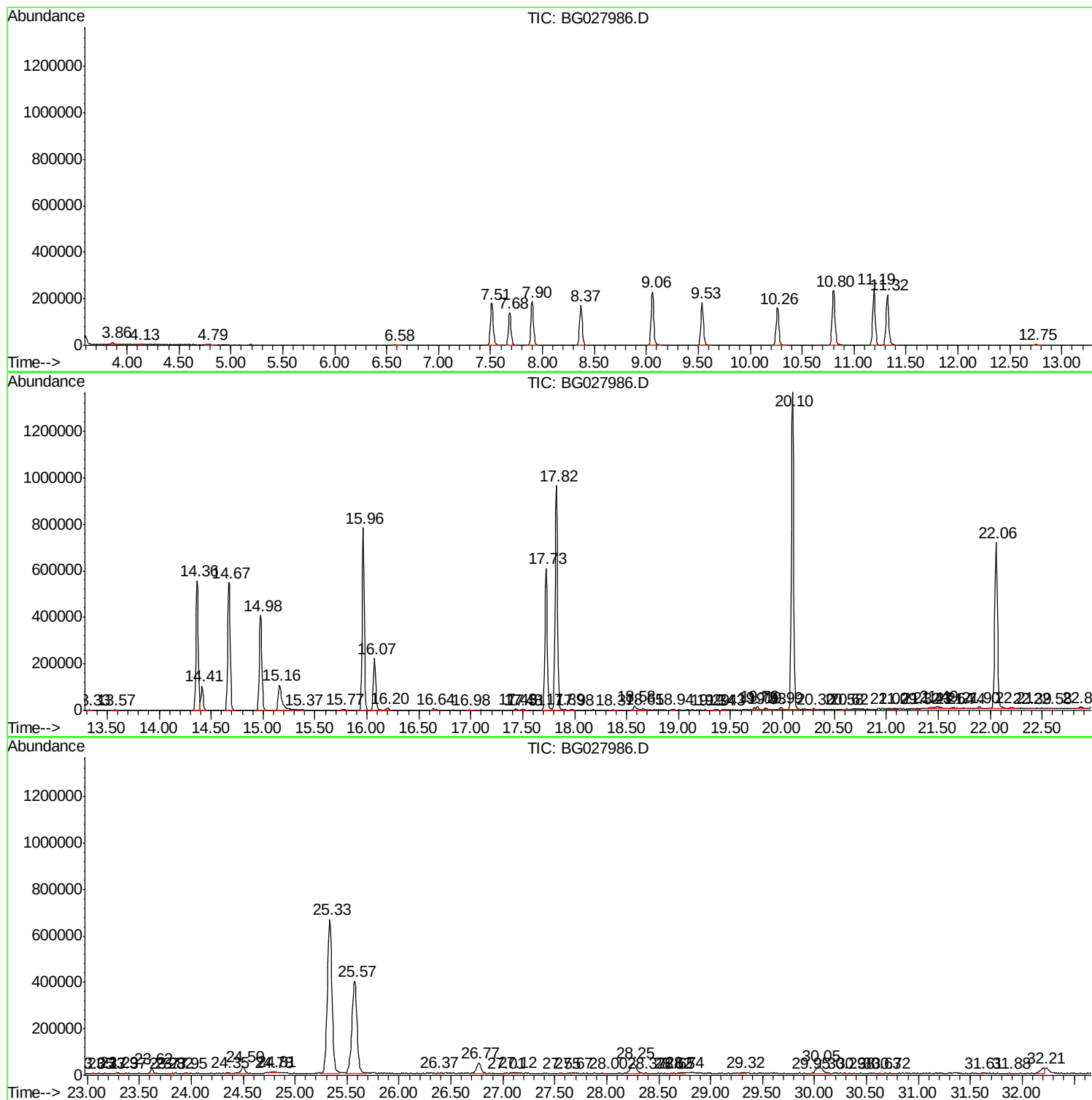
Sum of corrected areas: 18401258

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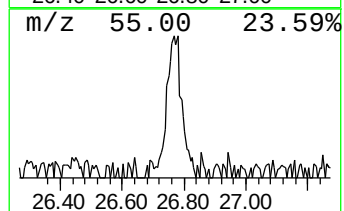
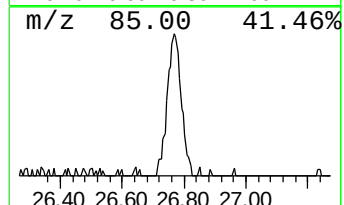
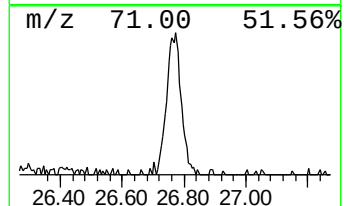
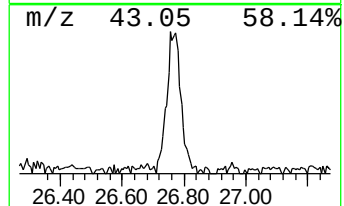
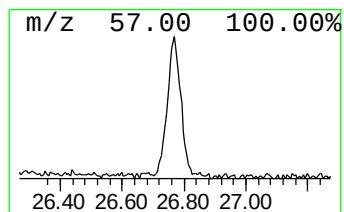
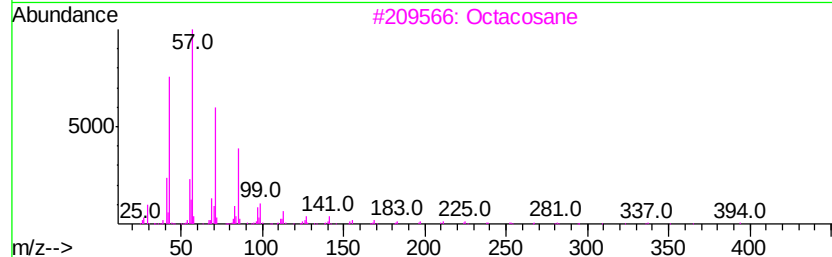
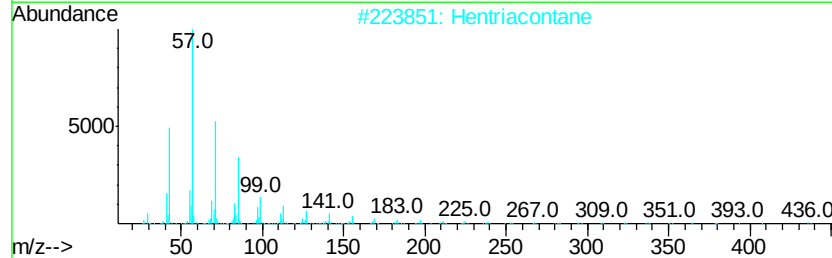
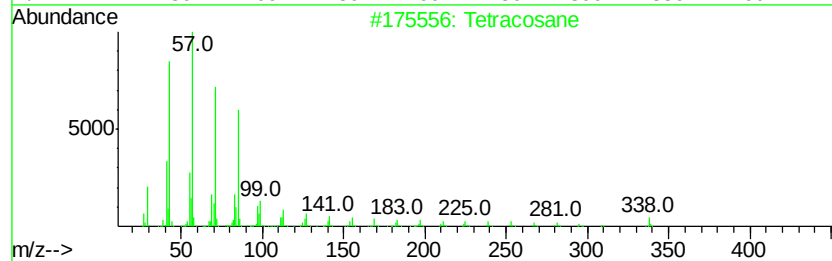
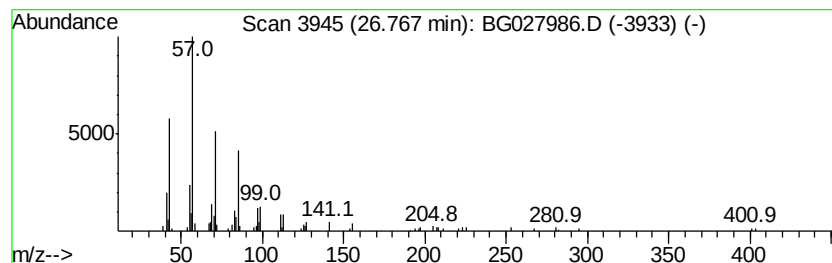
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.10 ng/ul	141164	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetracosane	338	C24H50	000646-31-1	83
5		Tetracosane	338	C24H50	000646-31-1	81



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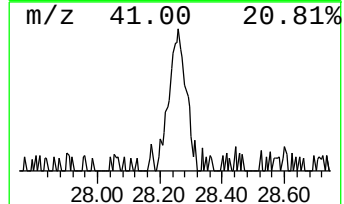
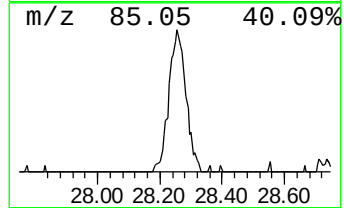
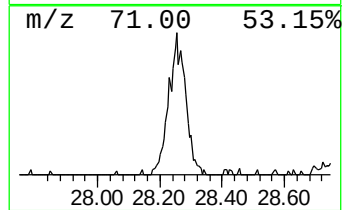
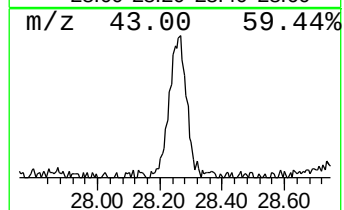
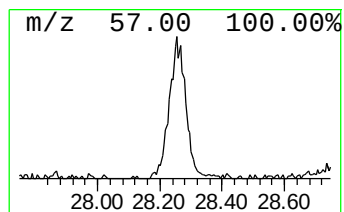
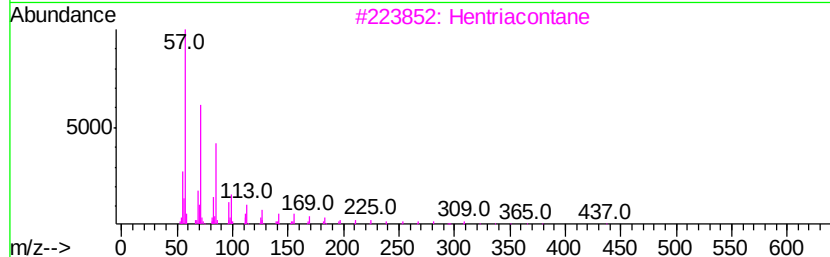
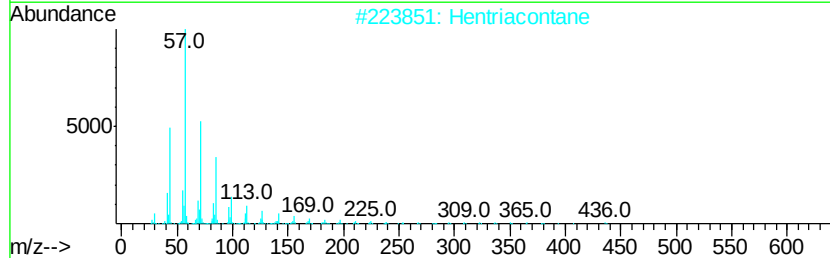
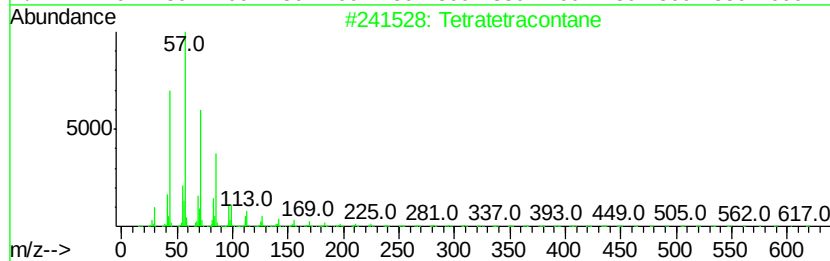
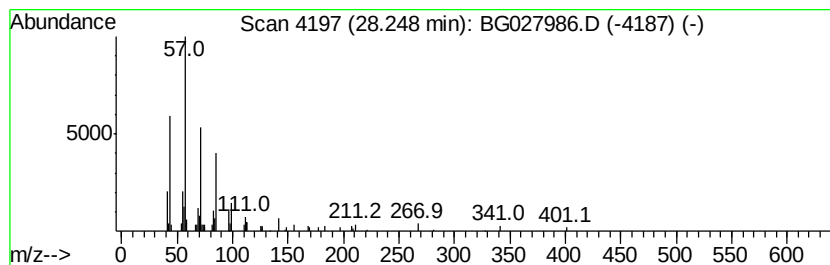
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	2.32 ng/ul	156307	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Pentacosane	352	C25H52	000629-99-2	87



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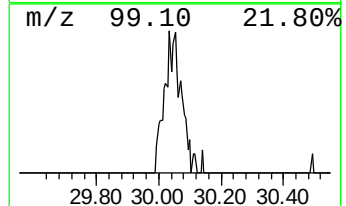
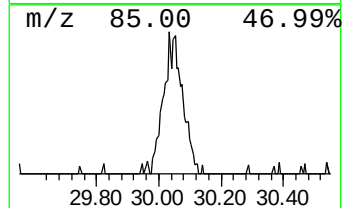
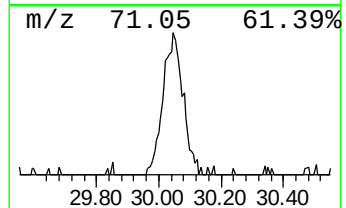
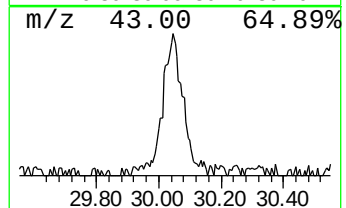
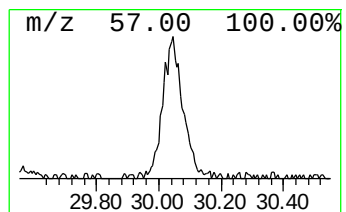
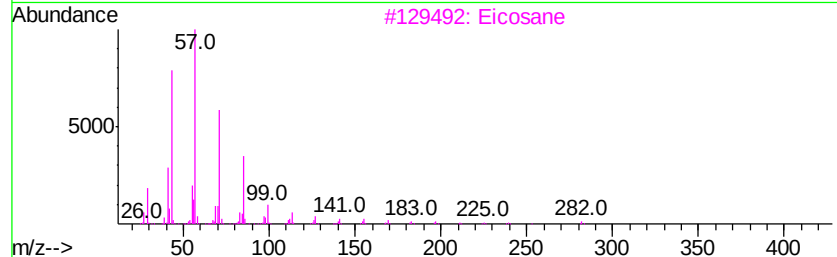
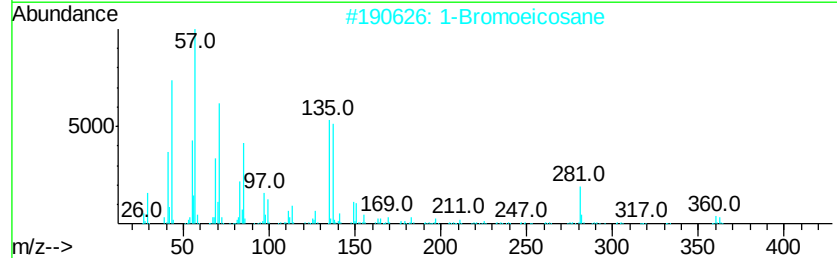
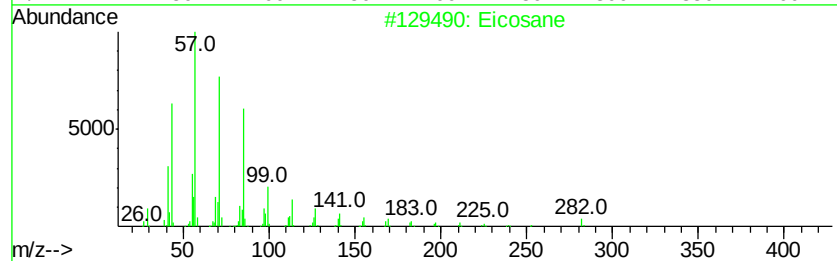
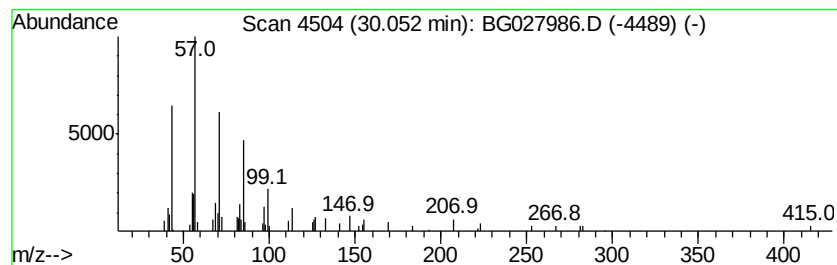
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.12 ng/ul	143040	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		1-Bromoeicosane	360	C20H41Br	004276-49-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B75

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	2.1	ng/ul	141164	6	25.57	1347470	20.0
(DEL) Alkane: Str...	28.25	2.3	ng/ul	156307	6	25.57	1347470	20.0
(DEL) Alkane: Str...	30.05	2.1	ng/ul	143040	6	25.57	1347470	20.0