

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027981.D
 Acq On : 20 Jul 2017 3:31
 Operator : SJ/JU
 Sample : I4213-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B43

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	3.864	39	47	59	rVB3	9175	20750	0.97%	0.109%
2	4.798	196	206	210	rVB3	2610	4321	0.20%	0.023%
3	7.513	659	668	683	rBV	178489	338750	15.87%	1.773%
4	7.683	688	697	710	rBV	141155	238854	11.19%	1.250%
5	7.900	726	734	751	rBV	188968	349264	16.36%	1.828%
6	8.271	792	797	803	rBV	7761	13702	0.64%	0.072%
7	8.370	806	814	826	rVB	165690	294487	13.79%	1.542%
8	8.558	840	846	851	rBV3	5211	10251	0.48%	0.054%
9	8.605	851	854	860	rVV3	4212	9037	0.42%	0.047%
10	9.058	922	931	941	rBV2	226812	416762	19.52%	2.182%
11	9.534	1003	1012	1023	rBV	179428	339678	15.91%	1.778%
12	10.262	1127	1136	1145	rBV2	157351	298370	13.98%	1.562%
13	10.803	1220	1228	1244	rBV	240956	449375	21.05%	2.352%
14	11.191	1285	1294	1306	rVB	239605	425873	19.95%	2.229%
15	11.320	1308	1316	1333	rBV2	193710	395473	18.52%	2.070%
16	12.748	1552	1559	1567	rBV4	3815	7063	0.33%	0.037%
17	13.323	1652	1657	1664	rVB4	6467	12130	0.57%	0.063%
18	13.570	1693	1699	1704	rBV2	10397	14524	0.68%	0.076%
19	13.617	1704	1707	1716	rVV4	4379	8992	0.42%	0.047%
20	13.835	1739	1744	1750	rVB3	5945	9890	0.46%	0.052%
21	13.899	1750	1755	1762	rBV3	2929	5182	0.24%	0.027%
22	14.363	1826	1834	1839	rBV	557517	813109	38.09%	4.257%
23	14.410	1839	1842	1851	rVB	57621	78847	3.69%	0.413%
24	14.669	1876	1886	1899	rBV	523603	867601	40.64%	4.542%
25	14.974	1928	1938	1953	rVB2	380773	644172	30.17%	3.372%
26	15.157	1962	1969	2002	rBV	139018	343762	16.10%	1.800%
27	15.374	2002	2006	2013	rVB6	3247	7373	0.35%	0.039%
28	15.762	2061	2072	2080	rVB3	14850	28586	1.34%	0.150%
29	15.961	2097	2106	2117	rBV	816392	1236072	57.90%	6.471%
30	16.073	2118	2125	2140	rBV	237791	390474	18.29%	2.044%
31	16.197	2141	2146	2151	rVV2	8938	13259	0.62%	0.069%
32	16.643	2217	2222	2229	rVB6	2486	5883	0.28%	0.031%
33	16.831	2248	2254	2257	rBV4	3312	5146	0.24%	0.027%
34	17.436	2352	2357	2362	rBV4	3556	6018	0.28%	0.032%

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35	17.513	2362	2370	2374	rVB6	3668	6962	0.33%	0.036%
36	17.589	2378	2383	2390	rVB5	4637	5245	0.25%	0.027%
37	17.724	2395	2406	2415	rBV2	600288	952757	44.63%	4.988%
38	17.824	2415	2423	2432	rVV	998752	1551308	72.66%	8.121%
39	17.889	2432	2434	2439	rVB4	5336	7648	0.36%	0.040%
40	17.971	2442	2448	2453	rVB	9821	13624	0.64%	0.071%
41	18.071	2460	2465	2466	rBV3	3831	5121	0.24%	0.027%
42	18.171	2478	2482	2486	rBV5	3762	4850	0.23%	0.025%
43	18.347	2505	2512	2521	rVB6	6185	13824	0.65%	0.072%
44	18.570	2541	2550	2558	rBV4	37588	72040	3.37%	0.377%
45	18.652	2558	2564	2569	rVB	42008	60004	2.81%	0.314%
46	18.858	2594	2599	2604	rBV4	4512	5218	0.24%	0.027%
47	18.981	2616	2620	2625	rBV5	10079	12163	0.57%	0.064%
48	19.240	2656	2664	2669	rBV6	1981	4585	0.21%	0.024%
49	19.316	2669	2677	2679	rVV6	3192	4144	0.19%	0.022%
50	19.422	2690	2695	2700	rBV5	9980	24391	1.14%	0.128%
51	19.475	2700	2704	2712	rVB6	7596	14150	0.66%	0.074%
52	19.628	2723	2730	2734	rBV6	5776	11697	0.55%	0.061%
53	19.722	2738	2746	2750	rBV3	24418	41957	1.97%	0.220%
54	19.763	2750	2753	2758	rVB3	12918	15597	0.73%	0.082%
55	19.828	2758	2764	2775	rBV7	17346	39273	1.84%	0.206%
56	19.974	2785	2789	2798	rBV2	13621	24587	1.15%	0.129%
57	20.045	2798	2801	2803	rVV2	11889	12386	0.58%	0.065%
58	20.092	2803	2809	2820	rVV	1396204	2057617	96.38%	10.771%
59	20.168	2820	2822	2827	rVB6	3443	4725	0.22%	0.025%
60	20.309	2838	2846	2851	rVV9	5070	12455	0.58%	0.065%
61	20.356	2851	2854	2857	rVB5	3835	5089	0.24%	0.027%
62	20.574	2888	2891	2896	rBV2	21772	25199	1.18%	0.132%
63	20.721	2911	2916	2918	rBV5	2265	4579	0.21%	0.024%
64	20.762	2919	2923	2928	rVB8	3359	5530	0.26%	0.029%
65	20.926	2943	2951	2955	rBV2	31983	45499	2.13%	0.238%
66	21.020	2963	2967	2969	rBV4	4790	6531	0.31%	0.034%
67	21.044	2969	2971	2975	rVV5	8457	10481	0.49%	0.055%
68	21.085	2975	2978	2983	rVB2	19538	22680	1.06%	0.119%
69	21.267	3006	3009	3016	rVB9	4169	7268	0.34%	0.038%
70	21.432	3032	3037	3040	rBV6	6884	13581	0.64%	0.071%
71	21.484	3042	3046	3060	rVB9	8496	28467	1.33%	0.149%

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72	21.625	3066	3070	3084	rVB10	17283	41620	1.95%	0.218%
73	21.714	3084	3085	3092	rBV6	2699	4785	0.22%	0.025%
74	21.896	3110	3116	3122	rVB	69747	104802	4.91%	0.549%
75	22.054	3135	3143	3157	rVB	757225	1340058	62.77%	7.015%
76	22.213	3162	3170	3176	rVB8	7914	18455	0.86%	0.097%
77	22.413	3202	3204	3209	rVB6	4456	4724	0.22%	0.025%
78	22.618	3237	3239	3247	rVB8	3649	6994	0.33%	0.037%
79	22.865	3276	3281	3286	rVV6	8050	14700	0.69%	0.077%
80	23.506	3389	3390	3397	rVB5	5252	5739	0.27%	0.030%
81	23.617	3398	3409	3416	rVV2	29799	66989	3.14%	0.351%
82	24.181	3501	3505	3507	rBV5	3284	4789	0.22%	0.025%
83	24.493	3550	3558	3566	rBV3	27543	61939	2.90%	0.324%
84	24.722	3589	3597	3599	rBV8	4231	8723	0.41%	0.046%
85	24.792	3600	3609	3611	rBV7	5467	12317	0.58%	0.064%
86	25.333	3686	3701	3714	rBV2	711048	2134972	100.00%	11.176%
87	25.574	3727	3742	3757	rVB2	394798	1366603	64.01%	7.154%
88	26.761	3932	3944	3958	rBV3	44868	140896	6.60%	0.738%
89	27.372	4039	4048	4050	rBV9	3640	9826	0.46%	0.051%
90	27.560	4076	4080	4085	rVB5	2541	4887	0.23%	0.026%
91	27.712	4105	4106	4113	rVB6	3228	4875	0.23%	0.026%
92	28.259	4183	4199	4210	rBV5	40928	165245	7.74%	0.865%
93	28.711	4272	4276	4279	rVV5	2978	4226	0.20%	0.022%
94	28.758	4279	4284	4287	rBV6	4507	7711	0.36%	0.040%
95	30.051	4489	4504	4518	rBV6	30671	142544	6.68%	0.746%
96	30.180	4523	4526	4530	rVB5	3847	4863	0.23%	0.025%
97	30.227	4530	4534	4538	rBV6	3009	5773	0.27%	0.030%
98	32.037	4839	4842	4847	rVB6	2482	4297	0.20%	0.022%
99	32.219	4851	4873	4889	rBV6	26799	148419	6.95%	0.777%
100	32.354	4891	4896	4899	rVV5	2432	4441	0.21%	0.023%

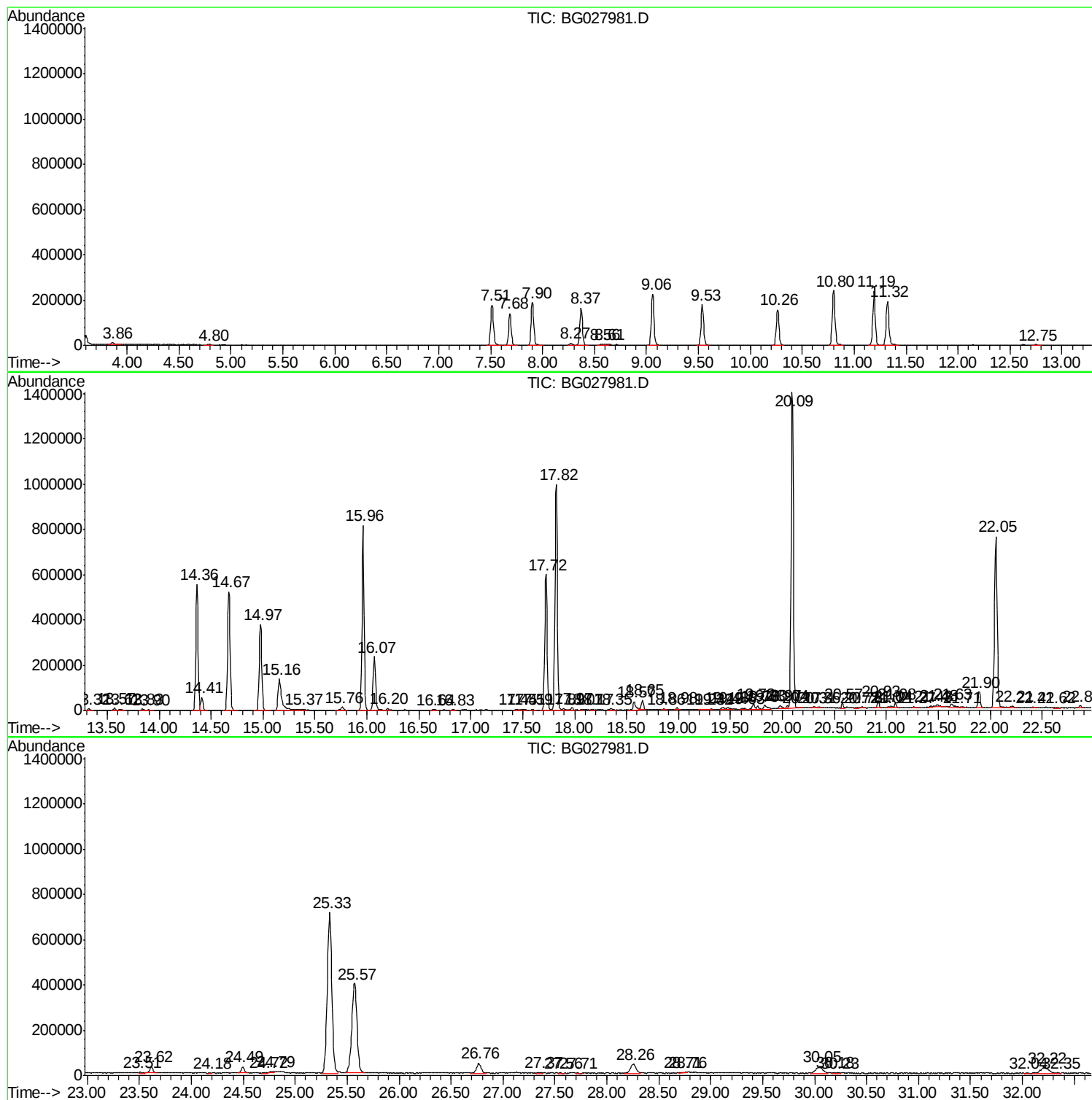
Sum of corrected areas: 19102474

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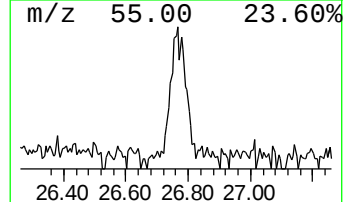
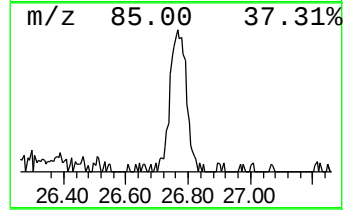
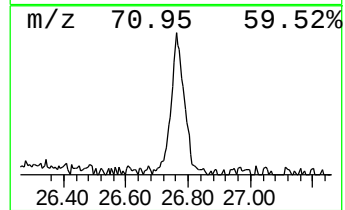
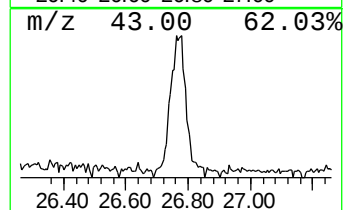
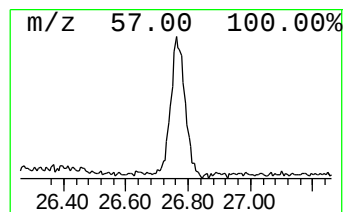
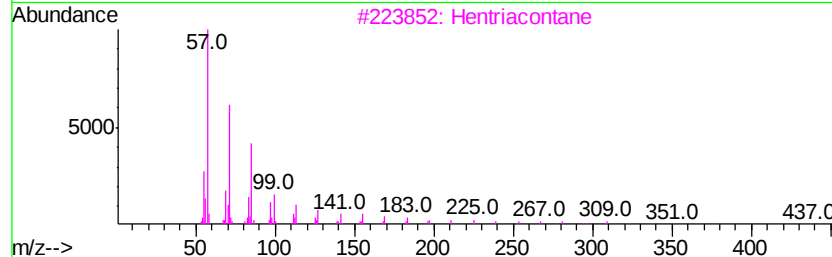
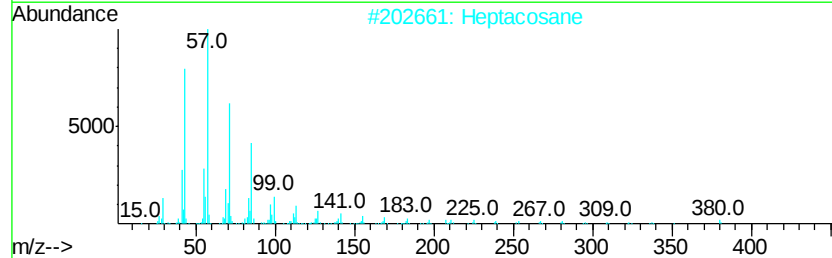
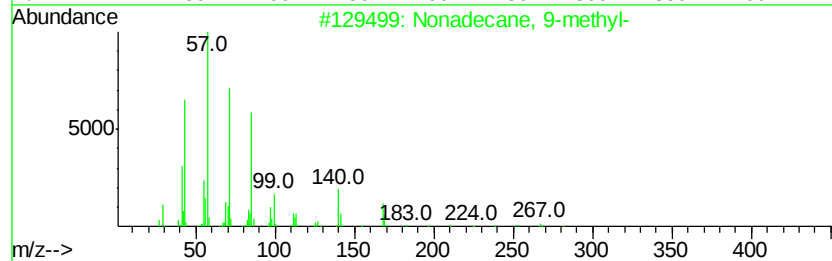
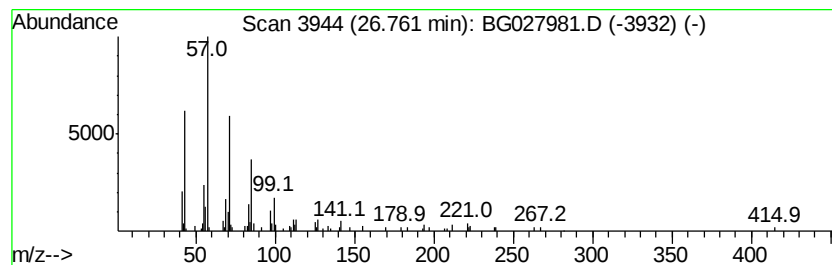
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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.
26.76	2.06 ng/ul	140896	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Heptacosane	380	C27H56	000593-49-7	87
3			Hentriacontane	437	C31H64	000630-04-6	87
4			Octacosane	394	C28H58	000630-02-4	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



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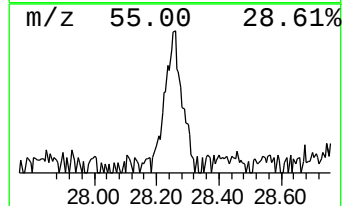
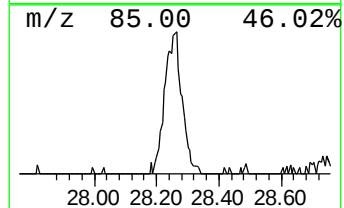
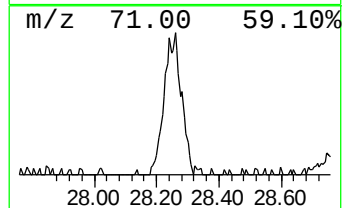
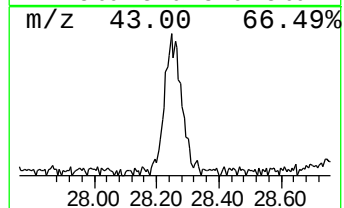
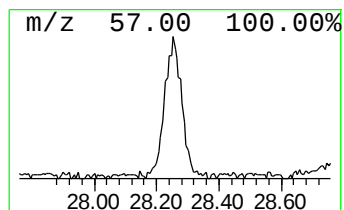
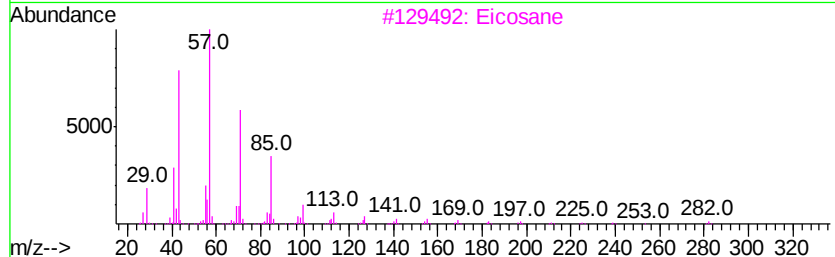
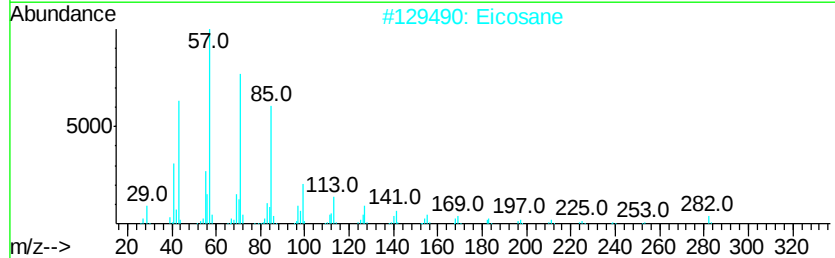
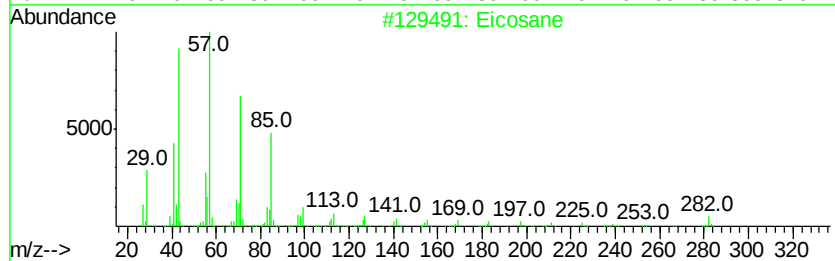
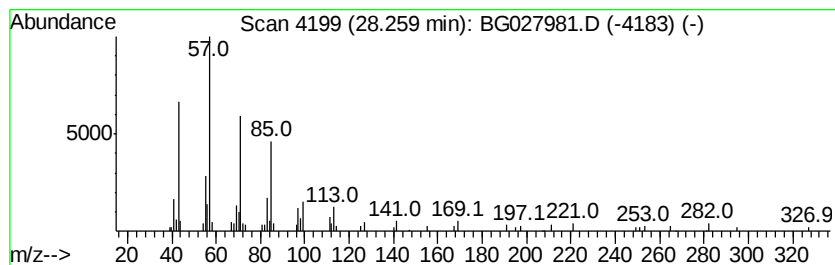
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.26	2.42 ng/ul	165245	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	94
2	Eicosane			282	C20H42	000112-95-8	91
3	Eicosane			282	C20H42	000112-95-8	90
4	Hexacosane			366	C26H54	000630-01-3	87
5	Heptadecane, 9-octyl-			352	C25H52	007225-64-1	87



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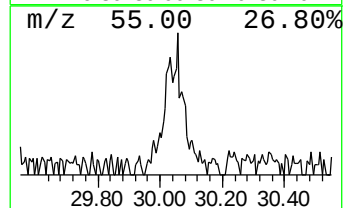
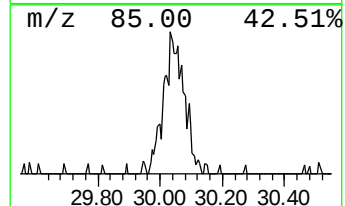
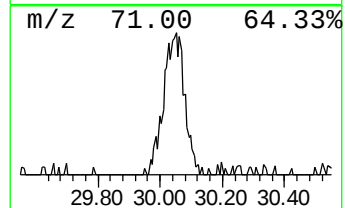
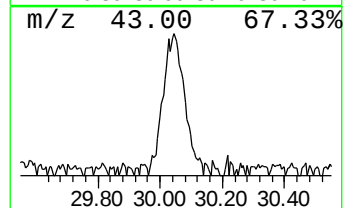
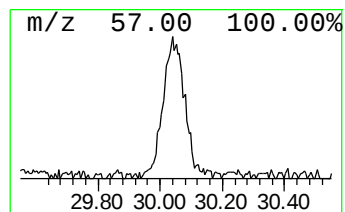
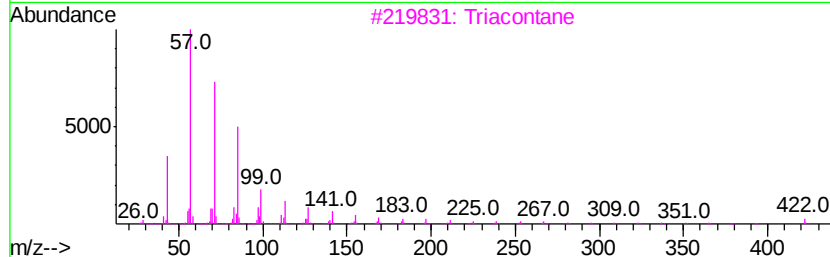
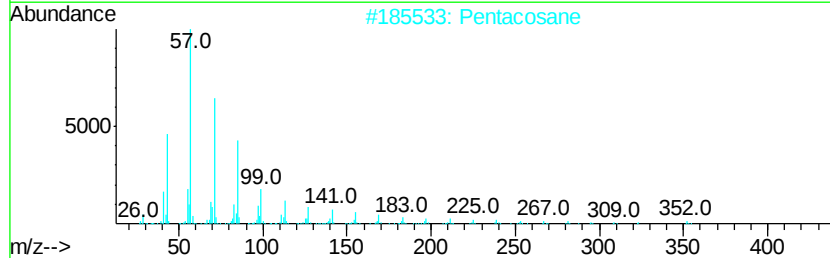
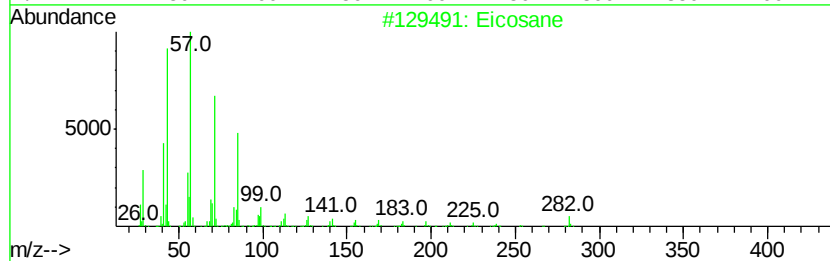
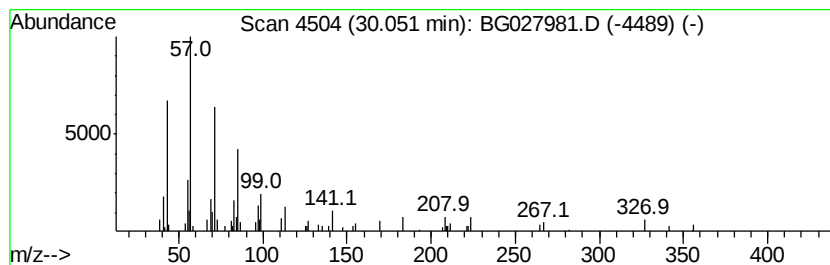
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.09 ng/ul	142544	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Pentacosane	352	C25H52	000629-99-2	80
3		triacontane	422	C30H62	000638-68-6	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027981.D
Acq On : 20 Jul 2017 3:31
Operator : SJ/JU
Sample : I4213-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B43

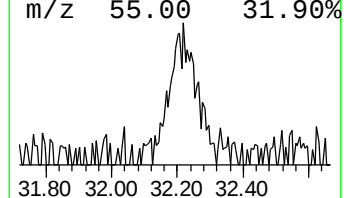
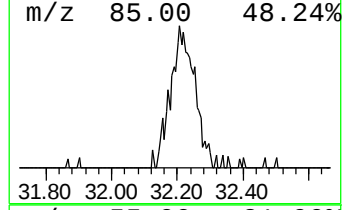
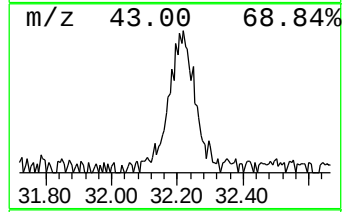
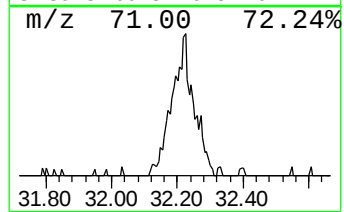
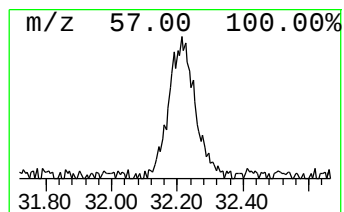
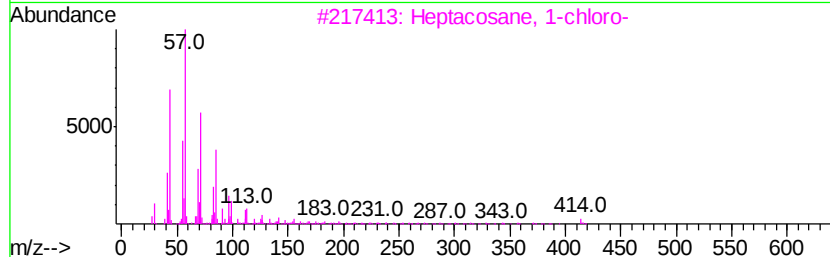
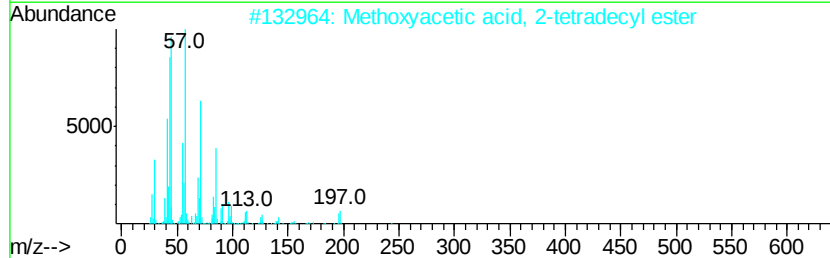
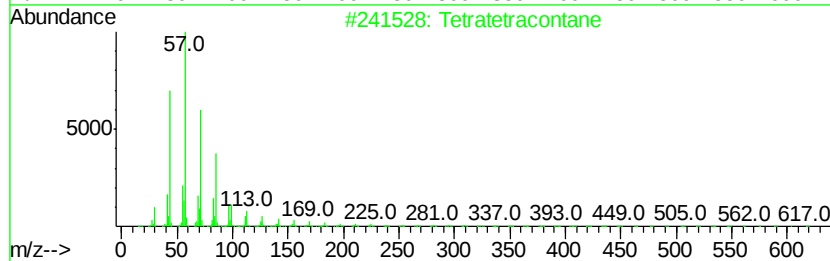
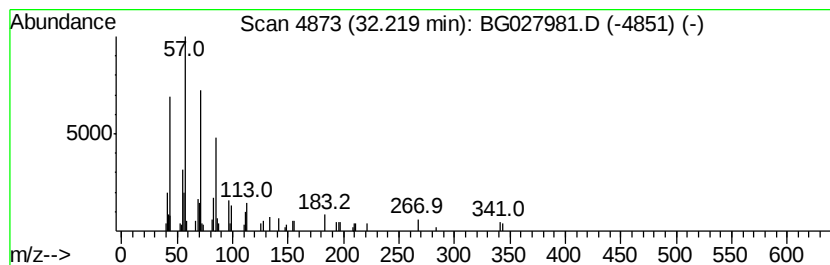
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.22	2.17 ng/ul	148419	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	80
2		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5		2-methyloctacosane	408	C29H60	1000376-72-8	80



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Instrument :
BNA_G
ClientSampleId :
C0B43

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	2.1	ng/ul	140896	6	25.57	1366600	20.0
(DEL) Alkane: Str...	28.26	2.4	ng/ul	165245	6	25.57	1366600	20.0
(DEL) Alkane: Str...	30.05	2.1	ng/ul	142544	6	25.57	1366600	20.0
(DEL) Alkane: Str...	32.22	2.2	ng/ul	148419	6	25.57	1366600	20.0