

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG027993.D
 Acq On : 20 Jul 2017 11:27
 Operator : SJ/JU
 Sample : I4209-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B09

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	3.858	39	46	55	rVB2	11138	17334	0.91%	0.108%
2	4.117	86	90	102	rBV2	10535	24268	1.27%	0.151%
3	4.587	167	170	178	rBV5	1867	3252	0.17%	0.020%
4	7.513	657	668	685	rBV	172687	336317	17.57%	2.088%
5	7.683	688	697	709	rVB	121826	217924	11.38%	1.353%
6	7.900	726	734	745	rVB	178785	317135	16.57%	1.969%
7	8.370	807	814	825	rBV	110375	194294	10.15%	1.206%
8	9.058	922	931	947	rBV	214301	391579	20.46%	2.431%
9	9.534	1004	1012	1023	rBV	163360	310612	16.23%	1.929%
10	10.262	1126	1136	1146	rVB2	149676	280678	14.66%	1.743%
11	10.803	1217	1228	1246	rBV	216156	418727	21.88%	2.600%
12	10.961	1246	1255	1264	rBV3	2318	6590	0.34%	0.041%
13	11.191	1286	1294	1307	rVB	150575	284219	14.85%	1.765%
14	11.320	1307	1316	1335	rBV	210052	402238	21.01%	2.497%
15	12.754	1552	1560	1566	rBV3	2974	5778	0.30%	0.036%
16	14.363	1824	1834	1838	rBV	512172	750392	39.20%	4.659%
17	14.410	1838	1842	1852	rVB	344318	509086	26.60%	3.161%
18	14.669	1876	1886	1896	rBV	506567	806013	42.11%	5.004%
19	14.833	1909	1914	1920	rBV2	2353	3480	0.18%	0.022%
20	14.974	1928	1938	1950	rBV2	268328	431562	22.55%	2.680%
21	15.157	1962	1969	1996	rBV2	93927	242974	12.69%	1.509%
22	15.368	2004	2005	2014	rVB5	2863	4578	0.24%	0.028%
23	15.738	2061	2068	2070	rBV2	3003	3601	0.19%	0.022%
24	15.768	2070	2073	2083	rVV3	6259	9529	0.50%	0.059%
25	15.961	2099	2106	2116	rBV	734572	1144032	59.77%	7.103%
26	16.067	2118	2124	2136	rBV	168408	274855	14.36%	1.707%
27	16.202	2140	2147	2152	rVB2	7226	11919	0.62%	0.074%
28	16.637	2216	2221	2231	rVB2	5384	10317	0.54%	0.064%
29	16.990	2272	2281	2283	rBV2	2061	3702	0.19%	0.023%
30	17.436	2351	2357	2361	rBV3	4724	7901	0.41%	0.049%
31	17.513	2368	2370	2379	rVB4	2109	3281	0.17%	0.020%
32	17.724	2395	2406	2415	rBV	401427	617148	32.24%	3.832%
33	17.824	2415	2423	2433	rBV	862941	1379594	72.07%	8.566%
34	18.177	2477	2483	2486	rBV3	2508	3798	0.20%	0.024%

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35	18.570	2542	2550	2559	rBV4	9134	22629	1.18%	0.141%
36	18.647	2559	2563	2568	rVB	3941	7580	0.40%	0.047%
37	18.805	2587	2590	2595	rBV4	1842	3583	0.19%	0.022%
38	19.469	2701	2703	2707	rVB2	2464	3103	0.16%	0.019%
39	19.657	2732	2735	2739	rBV3	3098	4292	0.22%	0.027%
40	19.728	2739	2747	2758	rVV2	10958	26430	1.38%	0.164%
41	19.828	2758	2764	2769	rBV5	3740	8827	0.46%	0.055%
42	19.980	2786	2790	2798	rVB2	9828	16947	0.89%	0.105%
43	20.098	2800	2810	2820	rBV	1250906	1876437	98.03%	11.651%
44	20.204	2827	2828	2832	rBV4	2479	3287	0.17%	0.020%
45	20.574	2888	2891	2895	rBV5	2256	3371	0.18%	0.021%
46	20.668	2904	2907	2913	rVV6	2471	4581	0.24%	0.028%
47	20.750	2918	2921	2925	rVB5	3113	3893	0.20%	0.024%
48	21.126	2981	2985	2991	rVB8	5073	9428	0.49%	0.059%
49	21.449	3031	3040	3041	rBV7	5713	14049	0.73%	0.087%
50	21.490	3041	3047	3062	rVB8	10992	41659	2.18%	0.259%
51	21.596	3062	3065	3067	rBV3	3218	2952	0.15%	0.018%
52	21.625	3067	3070	3074	rBV6	2760	4441	0.23%	0.028%
53	21.725	3084	3087	3091	rVB5	4490	4464	0.23%	0.028%
54	21.766	3093	3094	3099	rBV5	2441	3806	0.20%	0.024%
55	22.054	3131	3143	3159	rBV	491060	902258	47.14%	5.602%
56	22.207	3166	3169	3174	rVB7	3474	6223	0.33%	0.039%
57	22.378	3192	3198	3203	rBV9	3354	7179	0.38%	0.045%
58	22.583	3230	3233	3239	rVV6	2534	3482	0.18%	0.022%
59	22.642	3239	3243	3250	rVV9	2318	4653	0.24%	0.029%
60	22.865	3276	3281	3288	rBV6	7534	13228	0.69%	0.082%
61	23.259	3343	3348	3352	rBV5	3940	5559	0.29%	0.035%
62	23.617	3401	3409	3417	rVB4	19021	41029	2.14%	0.255%
63	23.835	3440	3446	3452	rVB6	13333	22120	1.16%	0.137%
64	23.905	3456	3458	3462	rVB5	2877	3766	0.20%	0.023%
65	23.952	3464	3466	3470	rBV4	2991	4203	0.22%	0.026%
66	24.334	3530	3531	3539	rVB8	3377	4550	0.24%	0.028%
67	24.493	3551	3558	3567	rVB4	25244	61793	3.23%	0.384%
68	24.692	3587	3592	3593	rVB4	3208	3729	0.19%	0.023%
69	24.781	3594	3607	3609	rBV9	5948	16094	0.84%	0.100%
70	25.115	3660	3664	3667	rBB5	2366	3155	0.16%	0.020%
71	25.327	3688	3700	3725	rBV2	603180	1914160	100.00%	11.885%

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72	25.568	3725	3741	3759	rVB2	266472	946815	49.46%	5.879%
73	26.056	3819	3824	3826	rVB4	2811	3691	0.19%	0.023%
74	26.385	3877	3880	3883	rBV5	2478	3866	0.20%	0.024%
75	26.602	3911	3917	3920	rBV8	2263	4884	0.26%	0.030%
76	26.766	3934	3945	3957	rBV3	41826	127923	6.68%	0.794%
77	27.096	3998	4001	4014	rVB3	3942	14260	0.74%	0.089%
78	27.289	4030	4034	4038	rVV5	2659	4123	0.22%	0.026%
79	28.030	4156	4160	4163	rBV4	3180	4102	0.21%	0.025%
80	28.165	4179	4183	4184	rBV4	3687	3667	0.19%	0.023%
81	28.253	4185	4198	4212	rVB3	40867	156498	8.18%	0.972%
82	28.476	4235	4236	4241	rBV4	2586	3277	0.17%	0.020%
83	28.517	4241	4243	4247	rVB5	2583	2942	0.15%	0.018%
84	28.564	4247	4251	4256	rVB6	3089	5219	0.27%	0.032%
85	28.600	4256	4257	4262	rBV5	2536	4406	0.23%	0.027%
86	28.694	4268	4273	4274	rBV4	2737	2923	0.15%	0.018%
87	28.811	4290	4293	4297	rBV5	3864	5569	0.29%	0.035%
88	29.117	4343	4345	4348	rVB4	3131	3085	0.16%	0.019%
89	29.569	4419	4422	4428	rVB6	3009	3232	0.17%	0.020%
90	30.033	4489	4501	4518	rVB5	28588	130394	6.81%	0.810%
91	30.198	4525	4529	4535	rBV8	2828	5990	0.31%	0.037%
92	30.462	4571	4574	4576	rBV4	2924	3606	0.19%	0.022%
93	30.615	4599	4600	4603	rBV3	3244	3882	0.20%	0.024%
94	30.738	4616	4621	4623	rVB6	3091	3440	0.18%	0.021%
95	30.779	4627	4628	4632	rBV4	2279	3437	0.18%	0.021%
96	31.003	4665	4666	4671	rBV4	2210	2971	0.16%	0.018%
97	31.208	4694	4701	4708	rVB7	2848	9123	0.48%	0.057%
98	31.966	4825	4830	4831	rVB4	2460	3513	0.18%	0.022%
99	32.207	4856	4871	4889	rVB8	23203	124169	6.49%	0.771%
100	32.460	4911	4914	4916	rBV4	2338	3206	0.17%	0.020%

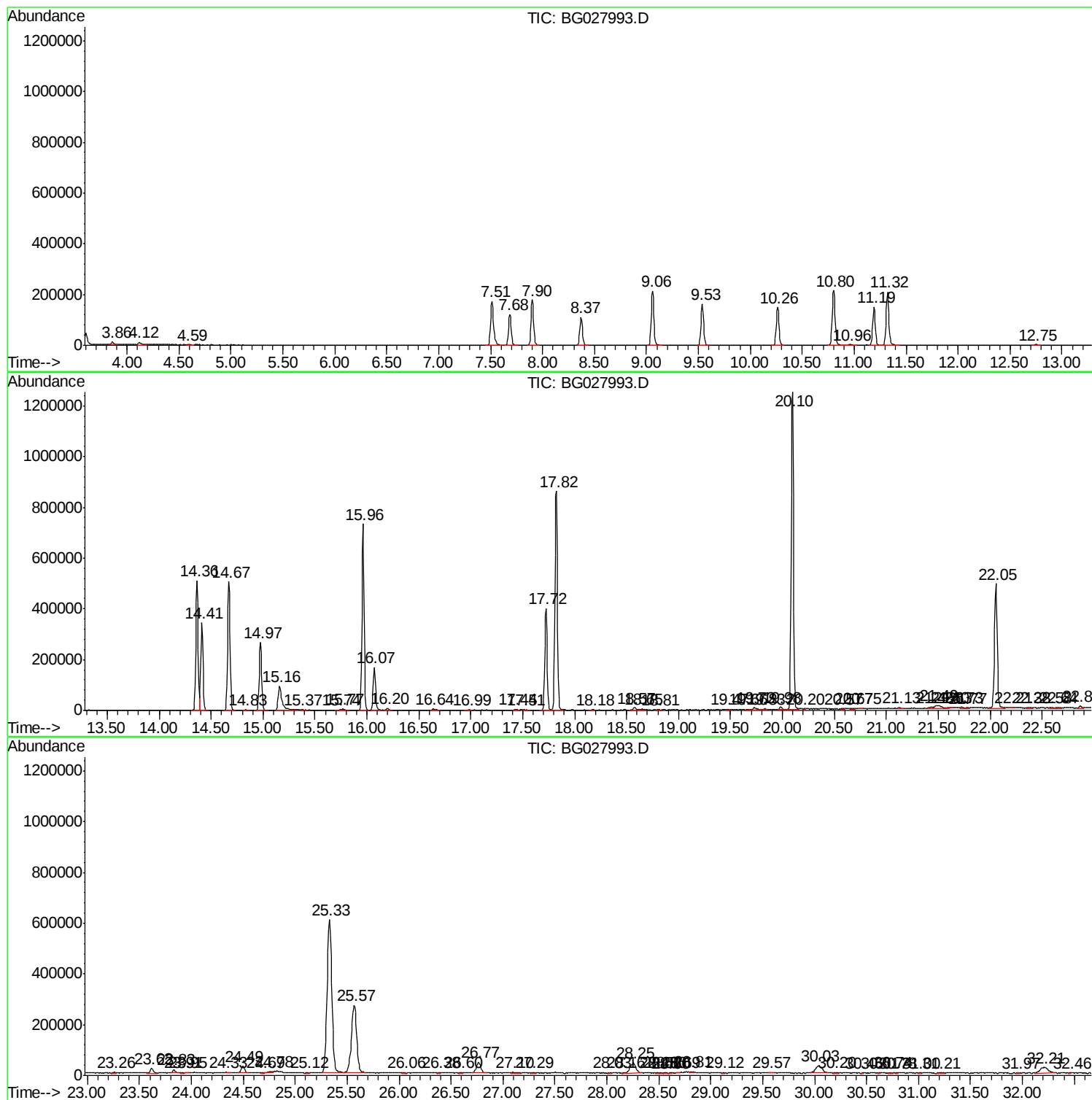
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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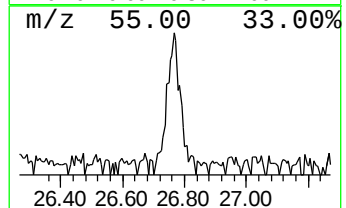
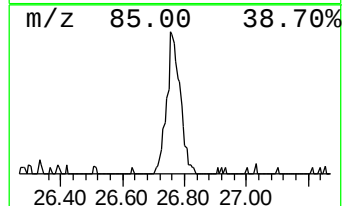
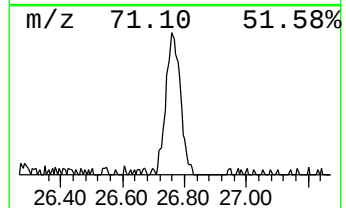
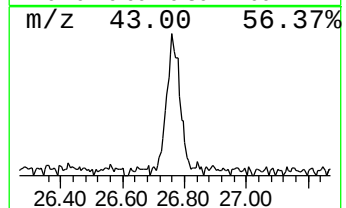
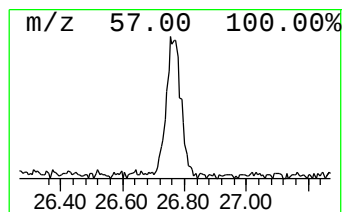
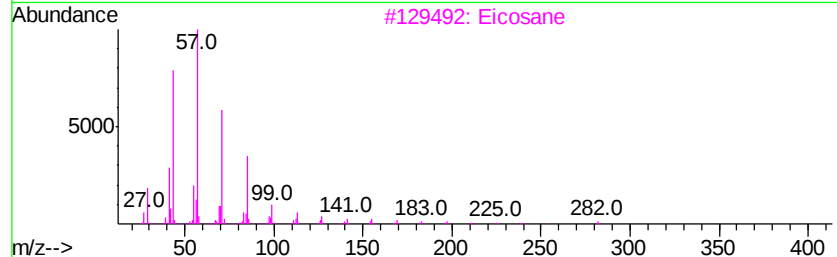
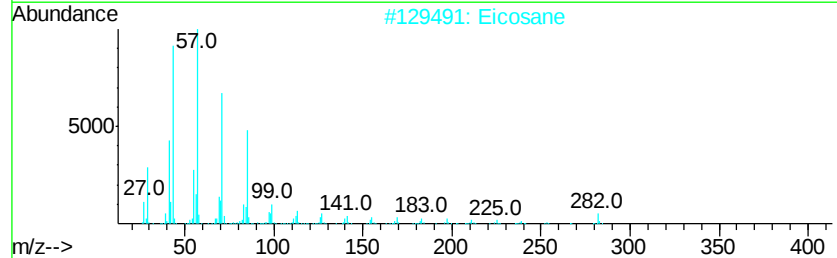
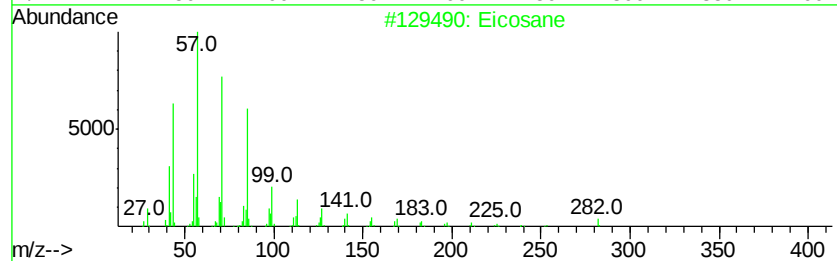
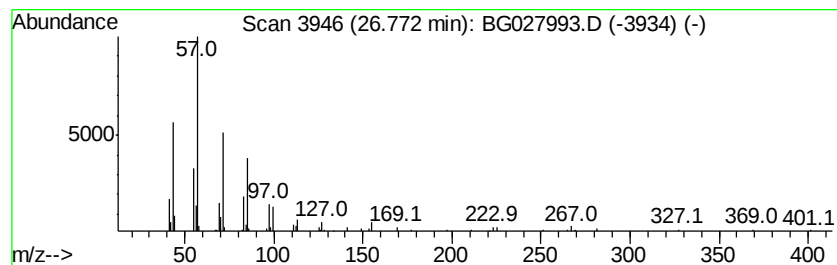
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.70 ng/ul	127923	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	96
2	Eicosane			282	C20H42	000112-95-8	91
3	Eicosane			282	C20H42	000112-95-8	90
4	13-Methylhentriacontane			451	C32H66	1000131-19-4	90
5	Eicosane			282	C20H42	000112-95-8	87



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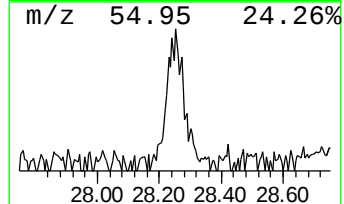
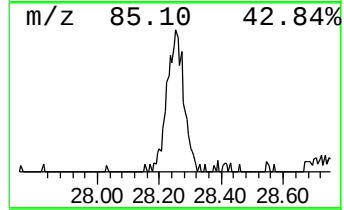
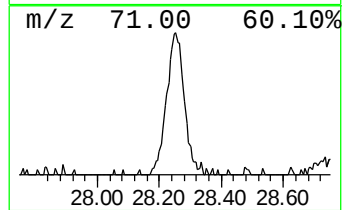
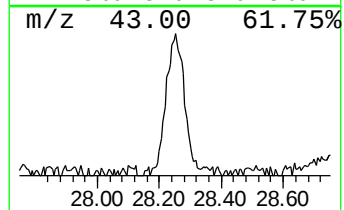
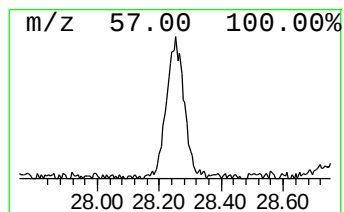
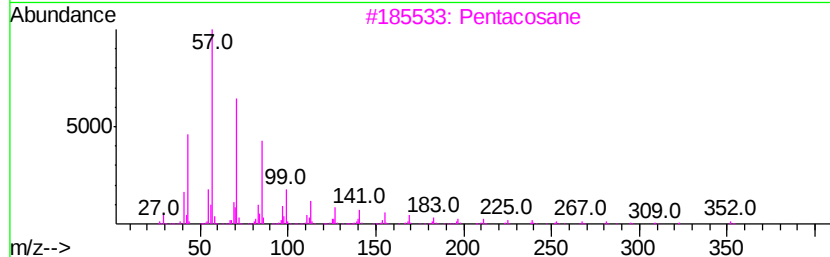
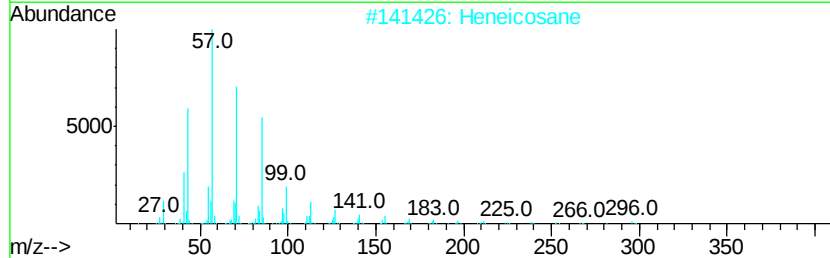
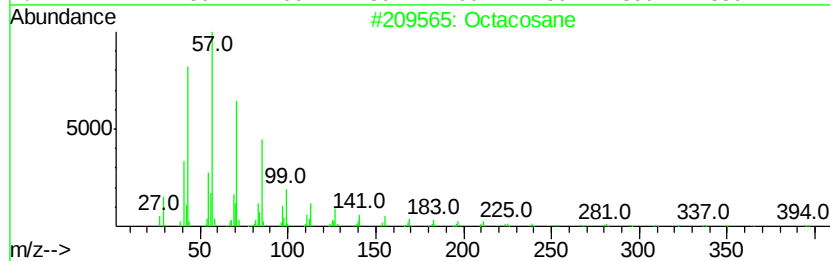
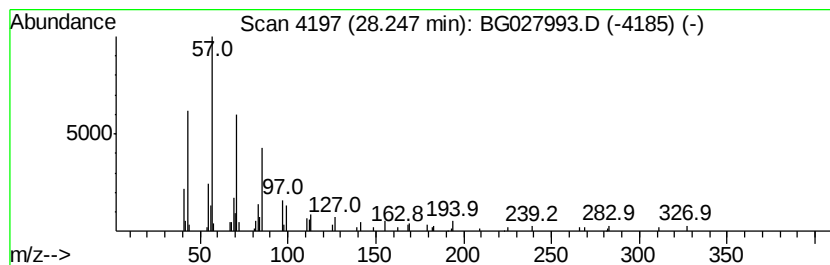
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	3.31 ng/ul	156498	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Heneicosane	296	C21H44	000629-94-7	86
3		Pentacosane	352	C25H52	000629-99-2	86
4		Hexacosane	366	C26H54	000630-01-3	83
5		Nonadecane	268	C19H40	000629-92-5	81



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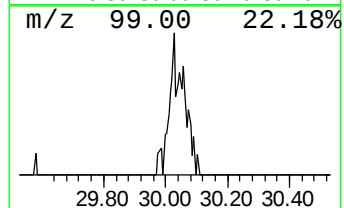
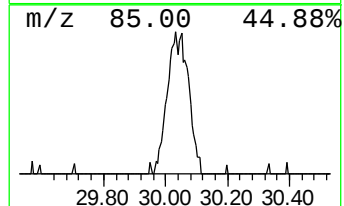
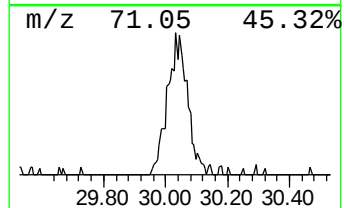
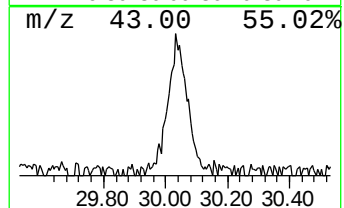
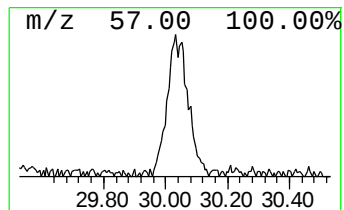
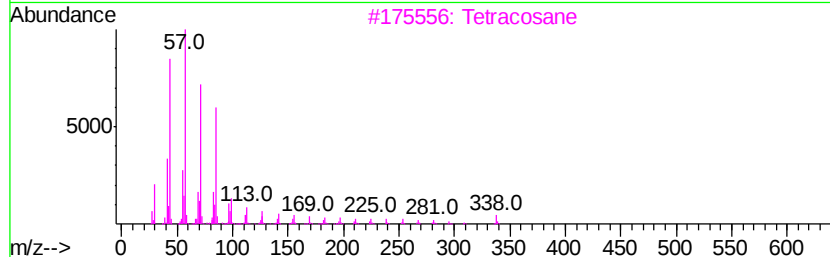
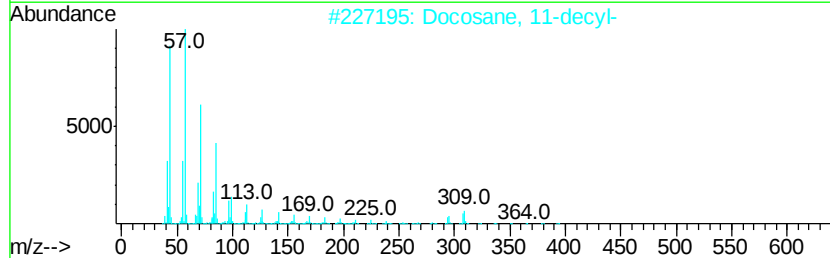
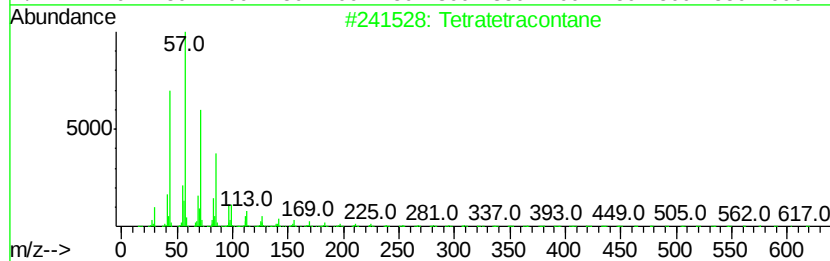
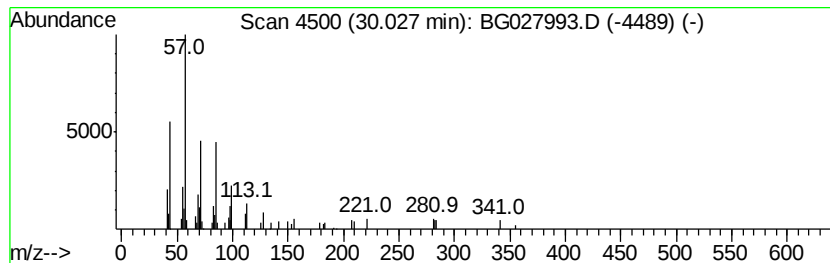
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.03	2.75 ng/ul	130394	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	83
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	80
3		Tetracosane	338	C24H50	000646-31-1	72
4		Heptadecane	240	C17H36	000629-78-7	64
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG027993.D
Acq On : 20 Jul 2017 11:27
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B09

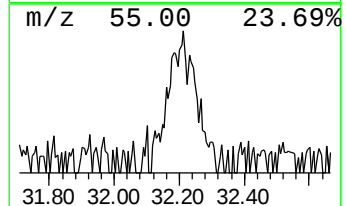
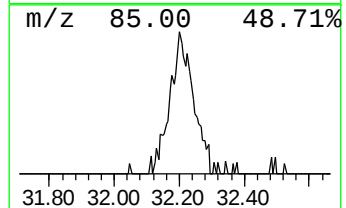
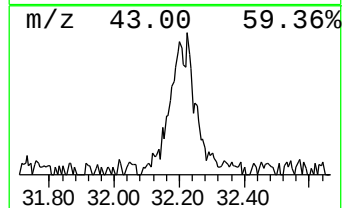
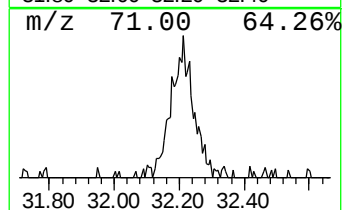
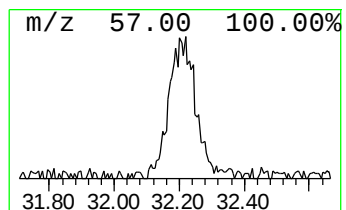
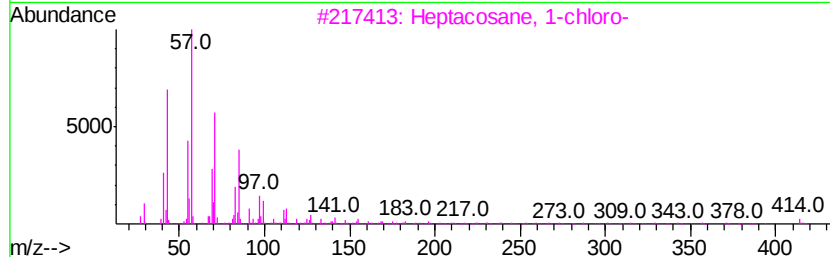
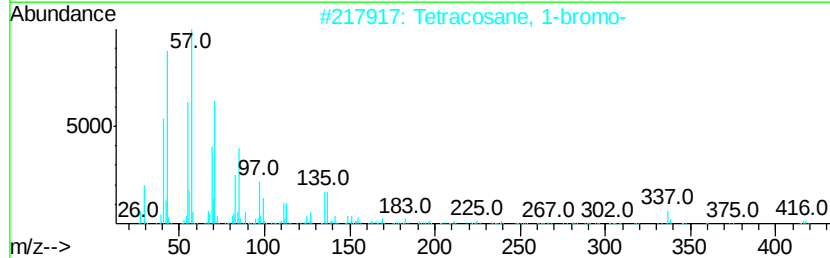
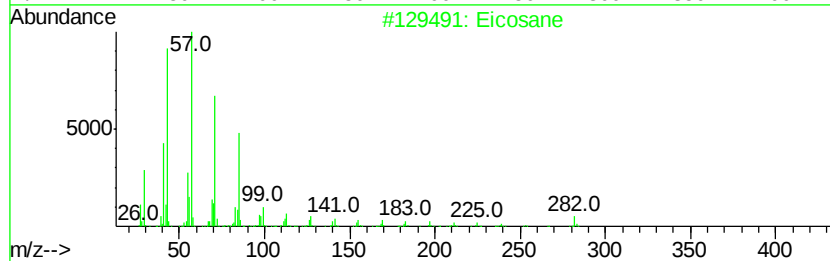
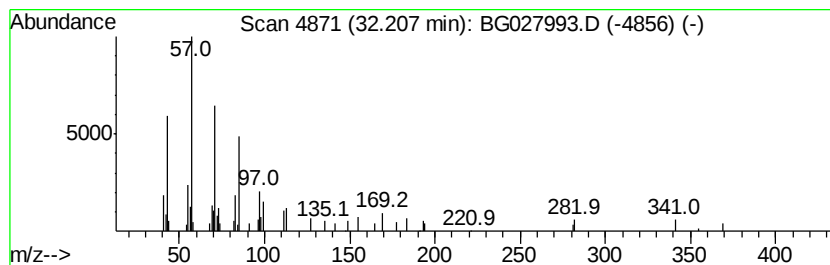
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	2.62 ng/ul	124169	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	78
2			Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	72
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
4			Eicosane	282	C20H42	000112-95-8	70
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	58



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BNA_G
ClientSampleId :
C0B09

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	2.7	ng/ul	127923	6	25.57	946815	20.0
(DEL) Alkane: Str...	28.25	3.3	ng/ul	156498	6	25.57	946815	20.0
(DEL) Alkane: Str...	30.03	2.8	ng/ul	130394	6	25.57	946815	20.0
(DEL) Alkane: Str...	32.21	2.6	ng/ul	124169	6	25.57	946815	20.0