

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
 Data File : BG028216.D
 Acq On : 9 Aug 2017 8:14
 Operator : SJ/JU
 Sample : I4557-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

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-BG080217.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	3.838	38	42	48	rVB3	10234	15066	0.86%	0.100%
2	4.449	142	146	149	rVB2	2153	3547	0.20%	0.024%
3	4.484	149	152	154	rBV2	2076	2530	0.14%	0.017%
4	4.572	165	167	171	rBV3	1735	2380	0.14%	0.016%
5	4.766	198	200	208	rVB3	2136	3887	0.22%	0.026%
6	4.848	211	214	219	rBV3	1622	2658	0.15%	0.018%
7	5.401	306	308	313	rBV2	1696	2407	0.14%	0.016%
8	5.677	350	355	358	rVB4	2280	3148	0.18%	0.021%
9	5.724	358	363	364	rBV2	1480	2503	0.14%	0.017%
10	5.965	394	404	407	rBV3	1487	4189	0.24%	0.028%
11	6.153	433	436	441	rVB2	1549	2641	0.15%	0.018%
12	6.247	450	452	460	rVB2	1417	2765	0.16%	0.018%
13	6.482	491	492	498	rBV2	1779	2960	0.17%	0.020%
14	6.693	524	528	532	rVB3	1399	2644	0.15%	0.018%
15	7.504	658	666	677	rBV2	43532	84360	4.80%	0.560%
16	7.668	683	694	703	rBV	120422	204927	11.66%	1.361%
17	7.886	724	731	745	rBV	130661	233615	13.29%	1.552%
18	8.039	751	757	761	rBV	2438	3875	0.22%	0.026%
19	8.356	804	811	820	rBV2	127416	225551	12.84%	1.498%
20	9.043	922	928	945	rVB2	116545	231698	13.19%	1.539%
21	9.167	945	949	957	rBV2	1758	3461	0.20%	0.023%
22	9.519	1001	1009	1019	rBV	162913	312693	17.79%	2.077%
23	10.248	1125	1133	1141	rBV	144401	275467	15.68%	1.830%
24	10.559	1180	1186	1190	rVB2	1187	2602	0.15%	0.017%
25	10.788	1217	1225	1248	rVB2	212950	413426	23.53%	2.746%
26	11.176	1281	1291	1300	rVB	193561	356042	20.26%	2.365%
27	11.323	1311	1316	1319	rBV	2332	4058	0.23%	0.027%
28	12.146	1451	1456	1459	rVB2	1881	3038	0.17%	0.020%
29	12.416	1499	1502	1506	rBV2	1365	2421	0.14%	0.016%
30	12.745	1551	1558	1565	rVB2	2410	5496	0.31%	0.037%
31	13.908	1752	1756	1759	rBV2	1371	2496	0.14%	0.017%
32	14.355	1824	1832	1837	rBV	578944	870453	49.54%	5.781%
33	14.402	1838	1840	1847	rVB2	22228	25796	1.47%	0.171%
34	14.660	1876	1884	1894	rBV	519311	852079	48.49%	5.659%

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35	14.966	1927	1936	1945	rVB2	339922	573633	32.64%	3.810%
36	15.154	1956	1968	1980	rBV3	43147	103227	5.87%	0.686%
37	15.448	2014	2018	2023	rVB3	2712	3292	0.19%	0.022%
38	15.765	2068	2072	2079	rVB4	4372	7142	0.41%	0.047%
39	15.829	2079	2083	2087	rBV3	1609	3235	0.18%	0.021%
40	15.953	2095	2104	2114	rBV	774434	1212740	69.01%	8.055%
41	16.059	2115	2122	2136	rBV	336070	521634	29.68%	3.465%
42	16.194	2142	2145	2150	rVB4	8728	13362	0.76%	0.089%
43	16.270	2155	2158	2162	rBV2	2164	2720	0.15%	0.018%
44	16.394	2174	2179	2184	rVB5	1738	3438	0.20%	0.023%
45	16.446	2184	2188	2194	rBV5	2288	4223	0.24%	0.028%
46	16.629	2213	2219	2229	rVB4	7072	15043	0.86%	0.100%
47	16.911	2262	2267	2269	rVB4	2661	3487	0.20%	0.023%
48	16.999	2278	2282	2287	rVB7	1697	2661	0.15%	0.018%
49	17.069	2291	2294	2300	rBV4	2147	4499	0.26%	0.030%
50	17.204	2313	2317	2322	rVB5	2279	4359	0.25%	0.029%
51	17.428	2350	2355	2358	rBV4	4444	6887	0.39%	0.046%
52	17.580	2376	2381	2385	rBV4	2693	3564	0.20%	0.024%
53	17.710	2394	2403	2413	rBV	547077	839103	47.75%	5.573%
54	17.810	2413	2420	2434	rVV2	937108	1466393	83.45%	9.740%
55	18.156	2476	2479	2483	rVB2	2756	3283	0.19%	0.022%
56	18.233	2489	2492	2498	rVB3	1619	3627	0.21%	0.024%
57	18.421	2522	2524	2530	rVB4	1994	3878	0.22%	0.026%
58	18.509	2530	2539	2540	rBV3	2562	6646	0.38%	0.044%
59	18.556	2542	2547	2556	rBV6	19256	37198	2.12%	0.247%
60	18.849	2594	2597	2601	rVB4	2535	3770	0.21%	0.025%
61	18.932	2606	2611	2617	rBV7	6674	15044	0.86%	0.100%
62	19.084	2633	2637	2641	rVB4	3596	3854	0.22%	0.026%
63	19.214	2657	2659	2664	rVB6	1707	2772	0.16%	0.018%
64	19.455	2699	2700	2703	rVB3	2777	2463	0.14%	0.016%
65	19.490	2703	2706	2709	rBV4	3654	4766	0.27%	0.032%
66	19.678	2735	2738	2739	rBV3	3332	2675	0.15%	0.018%
67	19.719	2739	2745	2751	rBV	13914	23528	1.34%	0.156%
68	19.819	2757	2762	2773	rBV7	12603	28090	1.60%	0.187%
69	19.931	2778	2781	2783	rBV4	3752	4623	0.26%	0.031%
70	19.972	2783	2788	2793	rVB2	9822	17805	1.01%	0.118%
71	20.083	2799	2807	2817	rBV	1207347	1757233	100.00%	11.671%

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72	20.483	2872	2875	2877	rBV3	3377	3851	0.22%	0.026%
73	20.536	2882	2884	2886	rBV3	5036	3948	0.22%	0.026%
74	20.894	2942	2945	2947	rBV4	3018	3819	0.22%	0.025%
75	21.629	3066	3070	3072	rVB5	5056	6377	0.36%	0.042%
76	22.040	3132	3140	3148	rBV	544468	949858	54.05%	6.309%
77	23.186	3332	3335	3337	rBV4	3853	4910	0.28%	0.033%
78	23.597	3400	3405	3410	rBV4	14266	21033	1.20%	0.140%
79	24.466	3547	3553	3561	rBV5	20045	51058	2.91%	0.339%
80	25.307	3683	3696	3713	rVB2	528718	1635443	93.07%	10.862%
81	25.548	3721	3737	3752	rVB	292563	1004375	57.16%	6.671%
82	26.728	3930	3938	3951	rVB6	35900	111026	6.32%	0.737%
83	28.203	4179	4189	4202	rVB3	36914	130731	7.44%	0.868%
84	28.609	4255	4258	4260	rBV4	6273	5083	0.29%	0.034%
85	29.496	4407	4409	4411	rBV3	4308	4644	0.26%	0.031%
86	29.995	4481	4494	4507	rBV5	24677	105915	6.03%	0.703%
87	30.107	4512	4513	4518	rBV4	5306	5718	0.33%	0.038%
88	30.189	4524	4527	4528	rBV2	3436	2981	0.17%	0.020%
89	32.152	4845	4861	4874	rBV10	21736	119323	6.79%	0.793%
90	32.404	4901	4904	4905	rBV2	3224	3154	0.18%	0.021%

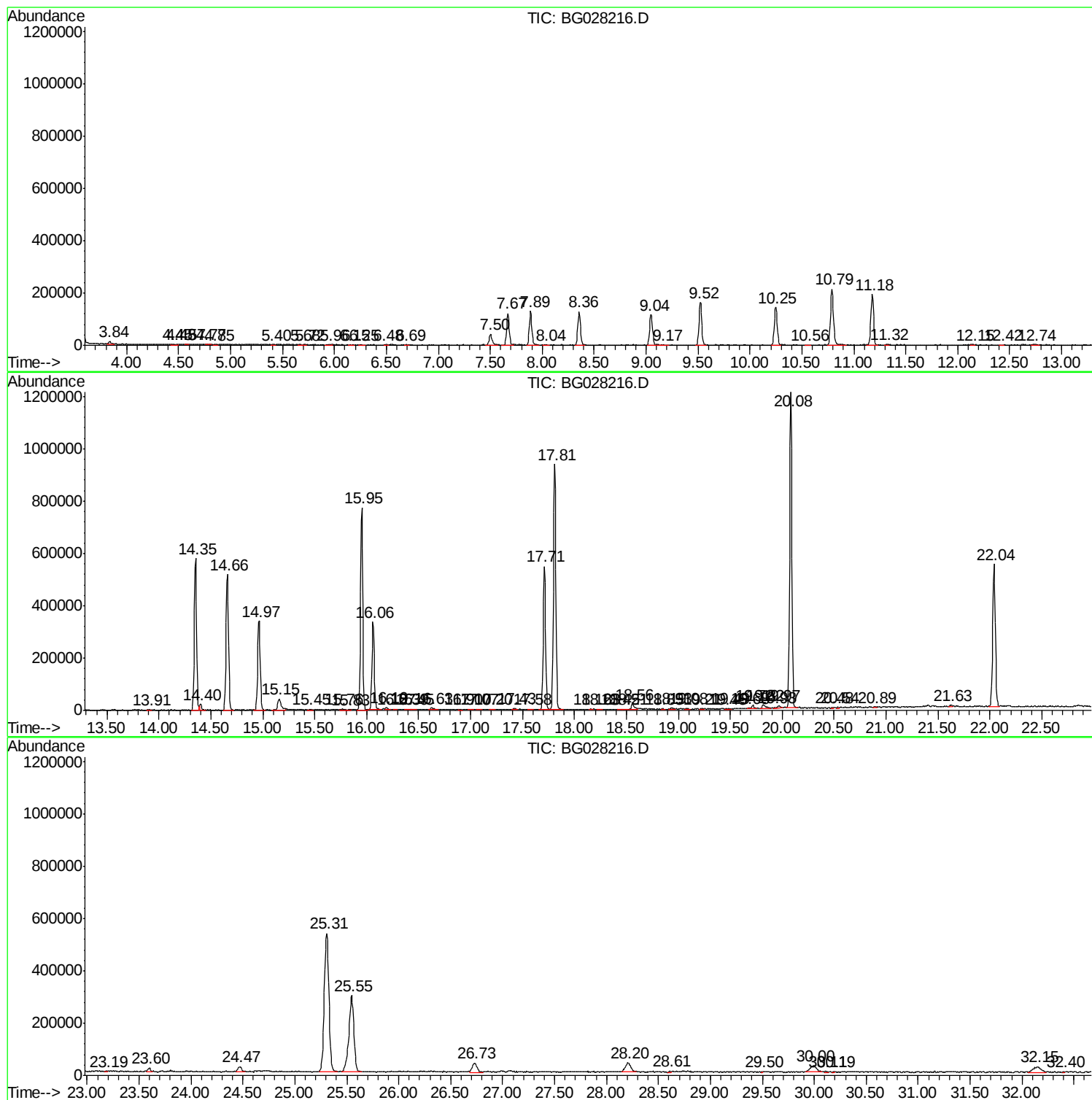
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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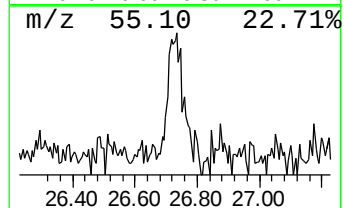
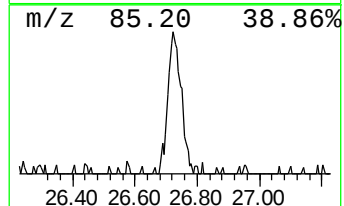
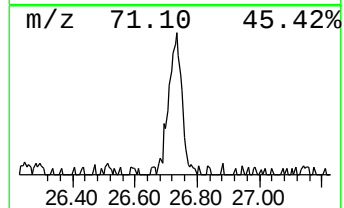
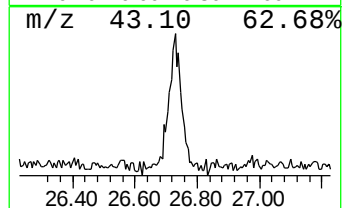
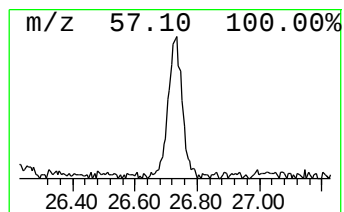
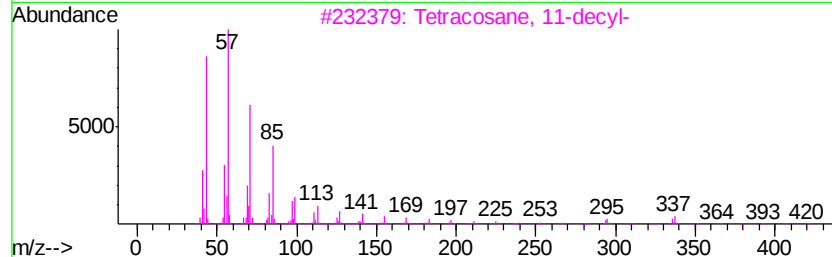
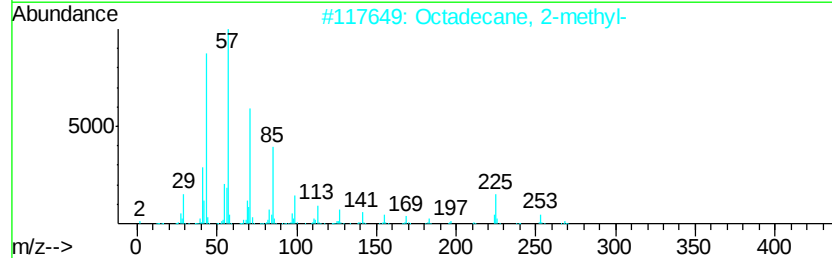
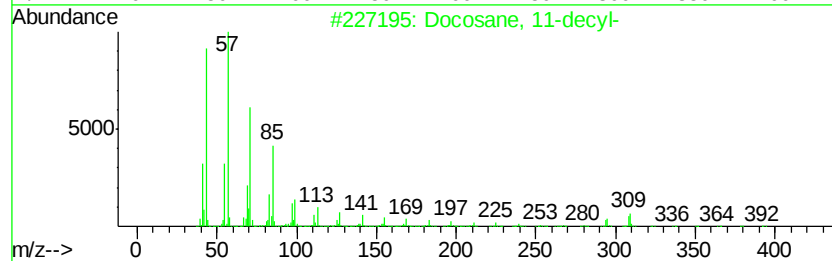
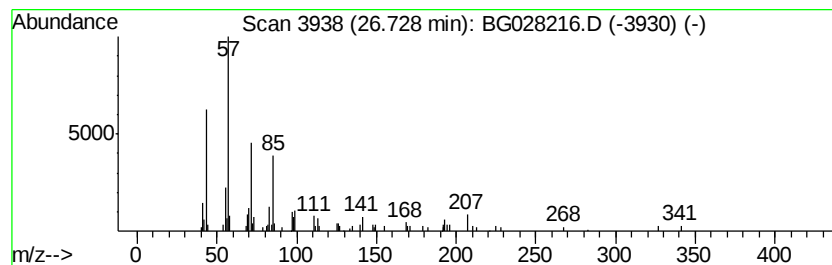
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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.
26.73	2.21 ng/ul	111026	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-decyl-	451	C32H66	055401-55-3	80
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
5		triacontane	422	C30H62	000638-68-6	64



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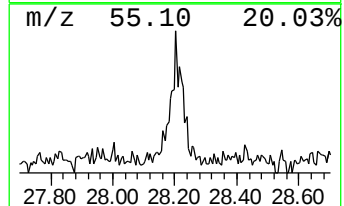
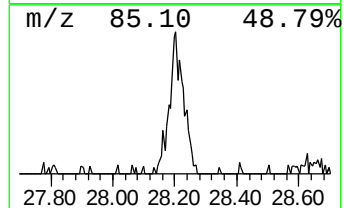
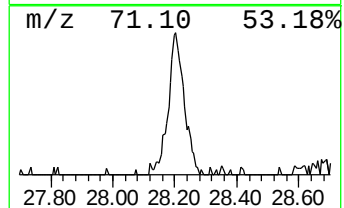
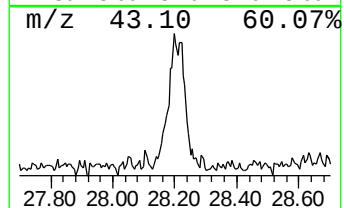
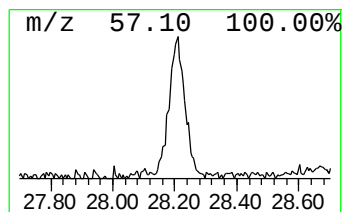
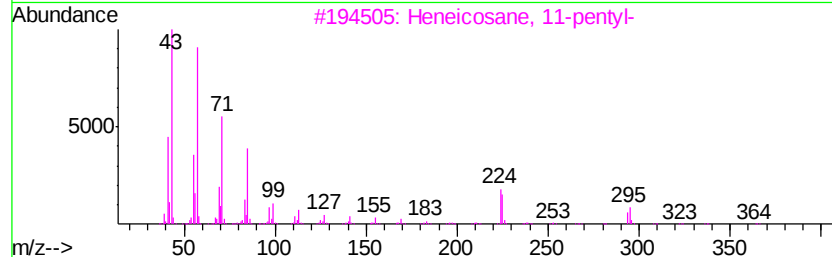
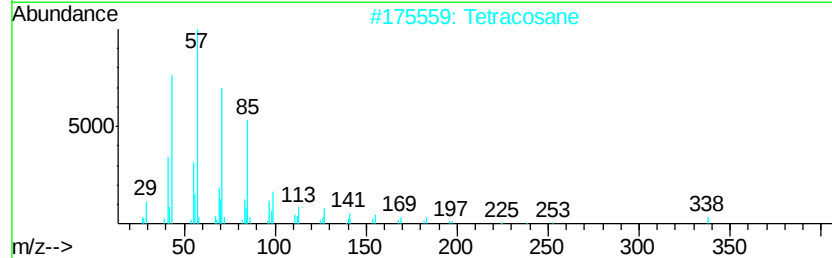
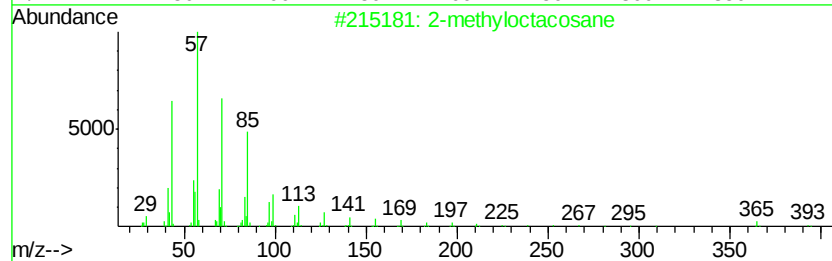
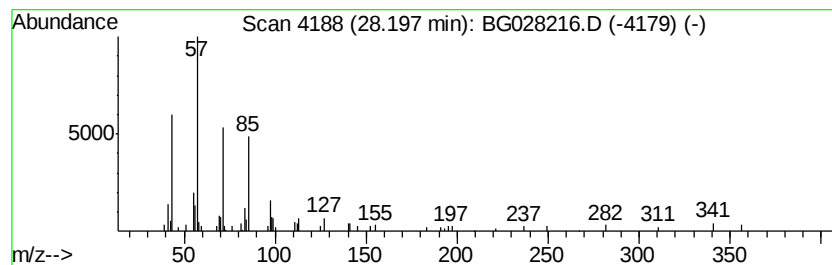
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Quant Title : SVOA CALIBRATION

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.
28.20	2.60 ng/ul	130731	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Tetracosane	338	C24H50	000646-31-1	86
3		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Pentacosane	352	C25H52	000629-99-2	86



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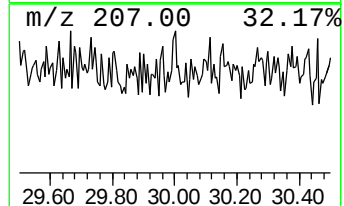
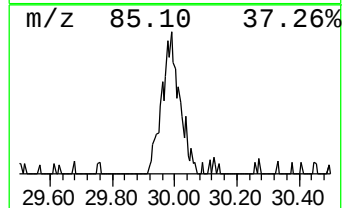
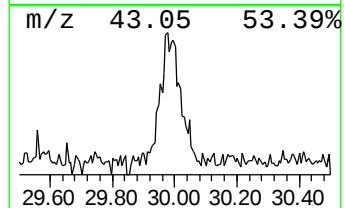
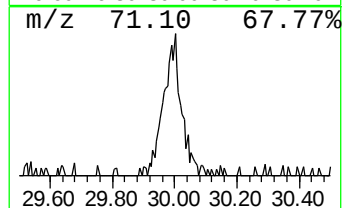
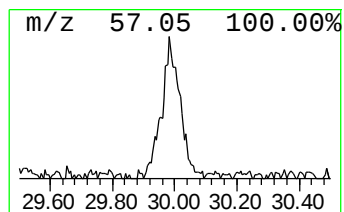
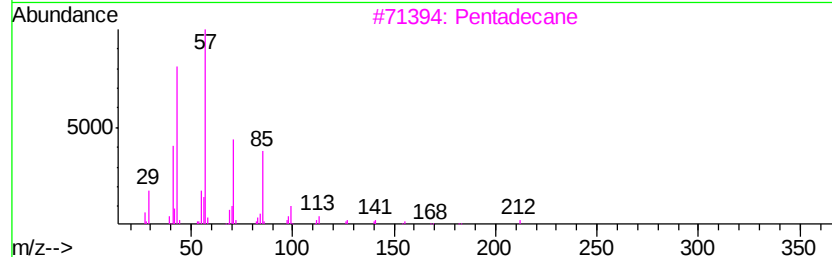
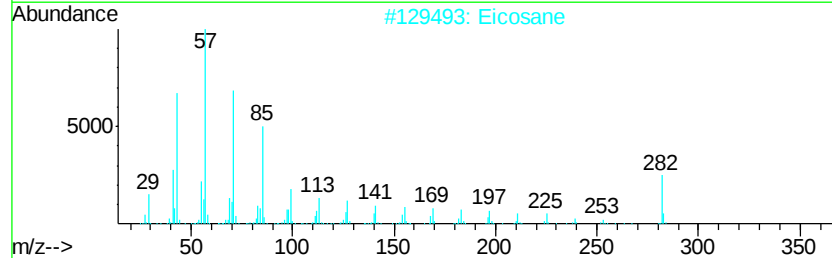
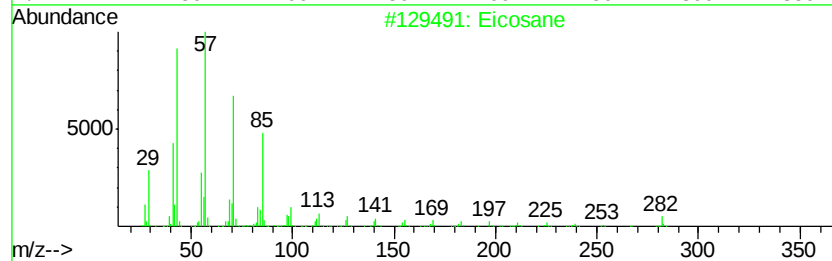
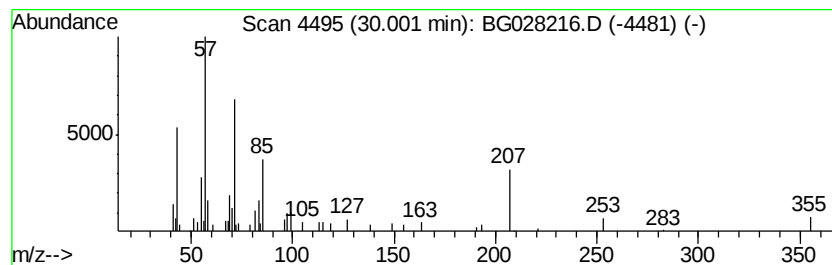
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.00	2.11 ng/ul	105915	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	53
2		Eicosane	282	C20H42	000112-95-8	47
3		Pentadecane	212	C15H32	000629-62-9	46
4		Pentadecane	212	C15H32	000629-62-9	43
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	43



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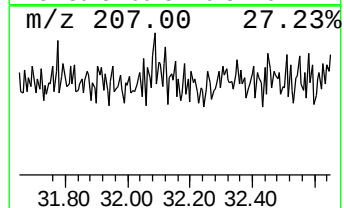
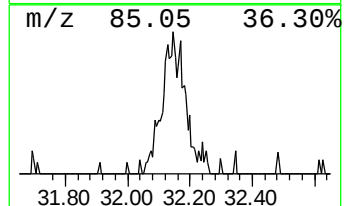
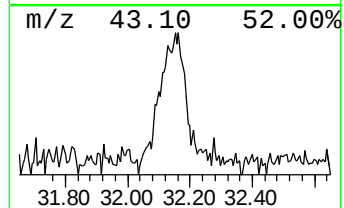
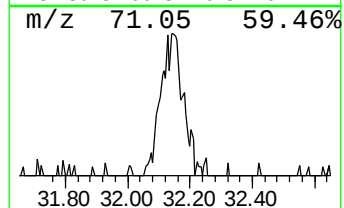
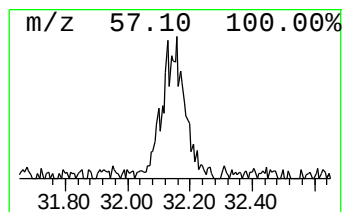
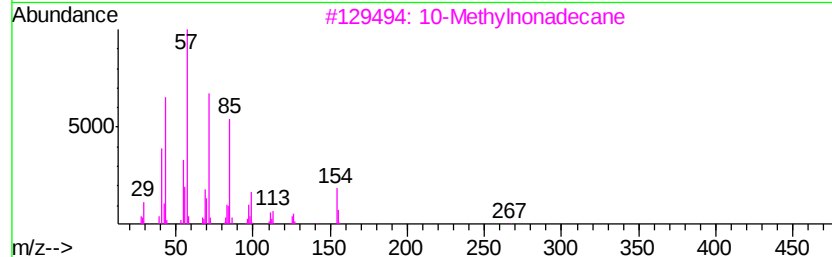
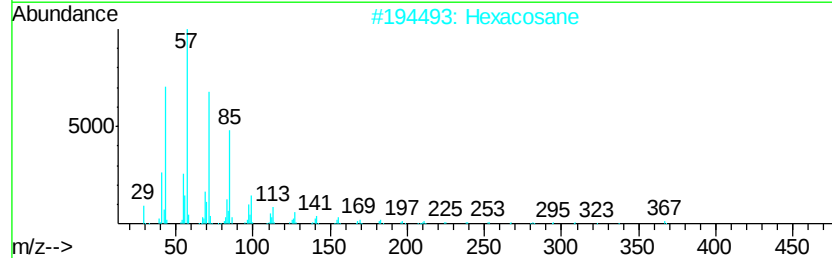
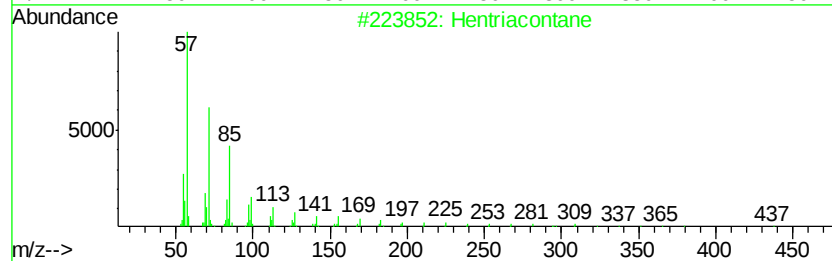
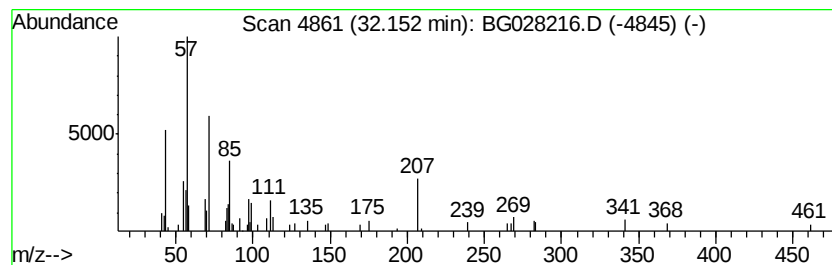
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.15	2.38 ng/ul	119323	Perylene-d12	25.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	49
2			Hexacosane	366	C26H54	000630-01-3	49
3			10-Methylnonadecane	282	C20H42	056862-62-5	49
4			2-methyloctacosane	408	C29H60	1000376-72-8	47
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
Data File : BG028216.D
Acq On : 9 Aug 2017 8:14
Operator : SJ/JU
Sample : I4557-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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...	26.73	2.2	ng/ul	111026	6	25.55	1004380	20.0
(DEL) Alkane: Str...	28.20	2.6	ng/ul	130731	6	25.55	1004380	20.0
(DEL) Alkane: Str...	30.00	2.1	ng/ul	105915	6	25.55	1004380	20.0
(DEL) Alkane: Str...	32.15	2.4	ng/ul	119323	6	25.55	1004380	20.0