

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
 Data File : BG028183.D
 Acq On : 8 Aug 2017 10:30
 Operator : SJ/JU
 Sample : PB101300BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK00

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	3.841	38	43	49	rVB3	12309	21059	1.27%	0.140%
2	4.182	98	101	105	rBV3	2964	3933	0.24%	0.026%
3	4.611	172	174	178	rVB3	1731	2288	0.14%	0.015%
4	4.769	198	201	205	rVB3	1341	2272	0.14%	0.015%
5	4.828	210	211	217	rBV3	1513	2517	0.15%	0.017%
6	4.928	225	228	233	rVB3	3067	3314	0.20%	0.022%
7	5.357	297	301	304	rVB6	1648	2627	0.16%	0.018%
8	5.433	309	314	318	rBV3	1776	3380	0.20%	0.023%
9	5.974	404	406	412	rVB4	1406	2236	0.13%	0.015%
10	6.220	443	448	450	rVB3	1777	2729	0.16%	0.018%
11	6.244	450	452	456	rBV4	1589	2289	0.14%	0.015%
12	6.573	503	508	512	rVB3	1477	2525	0.15%	0.017%
13	7.501	656	666	681	rBV	173168	318809	19.22%	2.127%
14	7.672	689	695	705	rBV	129959	227702	13.73%	1.519%
15	7.760	708	710	716	rVB3	1626	2362	0.14%	0.016%
16	7.889	723	732	747	rBV	170292	308774	18.62%	2.060%
17	8.065	759	762	767	rBV4	1596	3249	0.20%	0.022%
18	8.359	803	812	821	rVB	116728	214027	12.91%	1.428%
19	8.606	851	854	857	rBV3	2127	2614	0.16%	0.017%
20	9.047	917	929	942	rBV2	213808	398018	24.00%	2.655%
21	9.522	1001	1010	1023	rVB	182908	338043	20.38%	2.255%
22	10.245	1125	1133	1145	rBV	148046	287225	17.32%	1.916%
23	10.786	1216	1225	1239	rBV	202696	399921	24.12%	2.668%
24	11.097	1273	1278	1281	rBV5	1652	3274	0.20%	0.022%
25	11.179	1282	1292	1301	rVB	176736	333860	20.13%	2.227%
26	11.309	1305	1314	1331	rBV2	210437	423881	25.56%	2.828%
27	11.649	1368	1372	1377	rVB3	1469	2283	0.14%	0.015%
28	12.313	1483	1485	1492	rVB3	2203	2783	0.17%	0.019%
29	12.748	1554	1559	1564	rBV4	2764	5542	0.33%	0.037%
30	13.165	1626	1630	1632	rBV	1981	2732	0.16%	0.018%
31	13.242	1641	1643	1649	rVB3	1162	2268	0.14%	0.015%
32	13.289	1649	1651	1655	rBV2	1816	2312	0.14%	0.015%
33	13.359	1659	1663	1666	rBV2	1645	2503	0.15%	0.017%
34	13.665	1713	1715	1719	rBV4	1747	2477	0.15%	0.017%

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Integration Parameters: LSCINT.P

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35	13.976	1764	1768	1773	rBV3	1214	2334	0.14%	0.016%
36	14.352	1821	1832	1846	rBV	530750	788737	47.56%	5.261%
37	14.658	1873	1884	1898	rBV	482468	787530	47.49%	5.253%
38	14.963	1926	1936	1946	rBV2	308464	509678	30.73%	3.400%
39	15.145	1961	1967	1996	rBV	172183	383561	23.13%	2.559%
40	15.580	2037	2041	2049	rBV4	2181	4960	0.30%	0.033%
41	15.950	2096	2104	2114	rBV	686056	1073805	64.75%	7.163%
42	16.062	2114	2123	2138	rVV	285500	451397	27.22%	3.011%
43	16.191	2138	2145	2151	rVB4	7128	12232	0.74%	0.082%
44	16.673	2224	2227	2232	rBV3	1402	3112	0.19%	0.021%
45	17.096	2294	2299	2302	rBV3	1447	3036	0.18%	0.020%
46	17.237	2319	2323	2325	rBV2	1884	2510	0.15%	0.017%
47	17.354	2340	2343	2347	rBV2	1833	2270	0.14%	0.015%
48	17.490	2363	2366	2370	rBV4	1950	2701	0.16%	0.018%
49	17.713	2397	2404	2413	rBV	482252	724001	43.66%	4.830%
50	17.813	2413	2421	2430	rBV	843789	1335400	80.53%	8.908%
51	18.201	2484	2487	2495	rBV4	1388	2665	0.16%	0.018%
52	18.465	2527	2532	2536	rBV3	1623	2454	0.15%	0.016%
53	18.629	2557	2560	2566	rBV3	2200	3492	0.21%	0.023%
54	18.753	2578	2581	2583	rBV2	2215	2304	0.14%	0.015%
55	18.906	2603	2607	2611	rVB2	1547	2849	0.17%	0.019%
56	19.188	2651	2655	2658	rVB4	1919	2251	0.14%	0.015%
57	19.722	2741	2746	2753	rVB2	9962	15413	0.93%	0.103%
58	19.799	2757	2759	2764	rVB2	1890	2538	0.15%	0.017%
59	19.893	2771	2775	2777	rBV3	2618	3793	0.23%	0.025%
60	19.975	2784	2789	2795	rBV3	9436	13162	0.79%	0.088%
61	20.087	2797	2808	2816	rBV	1159723	1658334	100.00%	11.062%
62	20.257	2835	2837	2840	rBV4	2920	2680	0.16%	0.018%
63	20.433	2864	2867	2871	rVB5	2489	3153	0.19%	0.021%
64	20.551	2885	2887	2893	rBV6	2020	4127	0.25%	0.028%
65	20.692	2910	2911	2920	rBV6	1534	3483	0.21%	0.023%
66	20.774	2922	2925	2927	rBV3	3213	2211	0.13%	0.015%
67	20.862	2937	2940	2942	rBV4	2872	2548	0.15%	0.017%
68	21.409	3023	3033	3037	rBV8	6189	19380	1.17%	0.129%
69	21.926	3120	3121	3124	rBV3	2415	2831	0.17%	0.019%
70	22.043	3134	3141	3151	rBV	463412	871975	52.58%	5.817%
71	22.196	3164	3167	3168	rBV3	3484	3545	0.21%	0.024%

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72	22.854	3275	3279	3287	rVB8	6801	14518	0.88%	0.097%
73	23.606	3401	3407	3415	rVB5	14296	32734	1.97%	0.218%
74	24.005	3472	3475	3479	rBV6	2988	3262	0.20%	0.022%
75	24.476	3547	3555	3562	rBV4	21107	47656	2.87%	0.318%
76	24.875	3622	3623	3627	rBV4	3831	5816	0.35%	0.039%
77	25.316	3685	3698	3712	rBV	505979	1529093	92.21%	10.200%
78	25.551	3723	3738	3750	rBV3	260274	886952	53.48%	5.917%
79	25.786	3777	3778	3782	rBV4	3812	4541	0.27%	0.030%
80	26.743	3931	3941	3951	rVB3	31017	94561	5.70%	0.631%
81	27.243	4024	4026	4027	rBV2	3680	3006	0.18%	0.020%
82	27.948	4141	4146	4150	rBV8	4363	7884	0.48%	0.053%
83	28.218	4181	4192	4202	rBV3	29669	101903	6.14%	0.680%
84	29.305	4376	4377	4380	rBV3	3608	3491	0.21%	0.023%
85	29.922	4480	4482	4483	rBV2	2837	2231	0.13%	0.015%
86	29.998	4483	4495	4509	rVV4	25140	97996	5.91%	0.654%
87	30.880	4640	4645	4646	rBV5	3813	6247	0.38%	0.042%
88	32.161	4851	4863	4880	rVB7	19638	96649	5.83%	0.645%
89	32.366	4895	4898	4900	rBV3	3828	4005	0.24%	0.027%

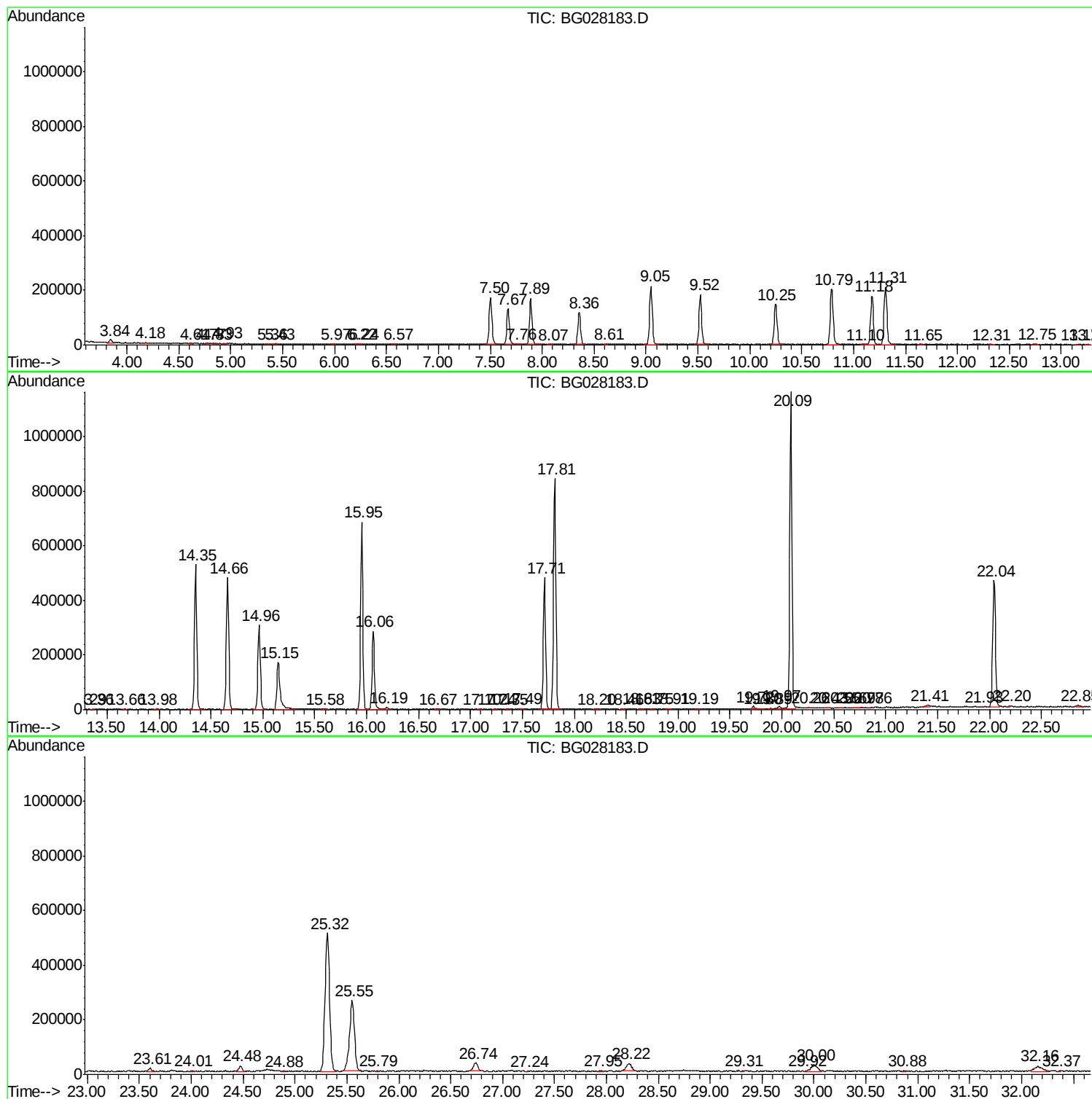
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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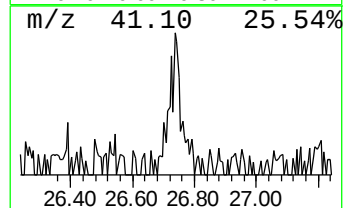
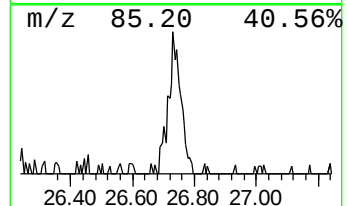
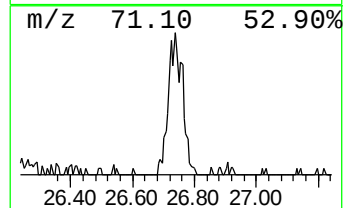
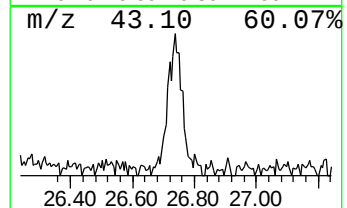
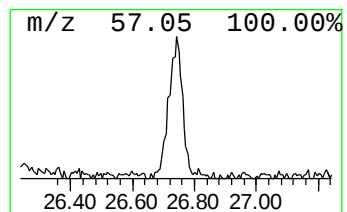
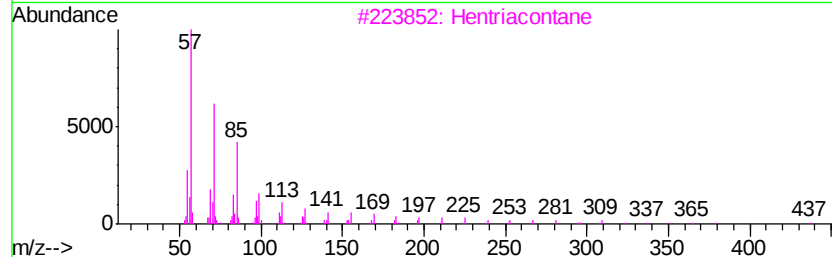
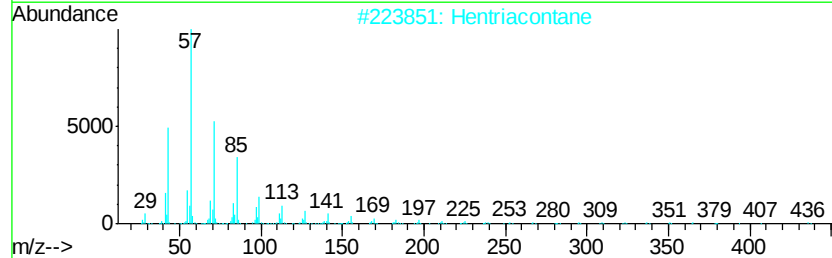
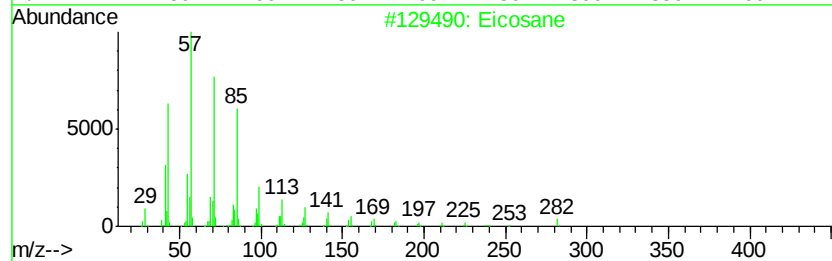
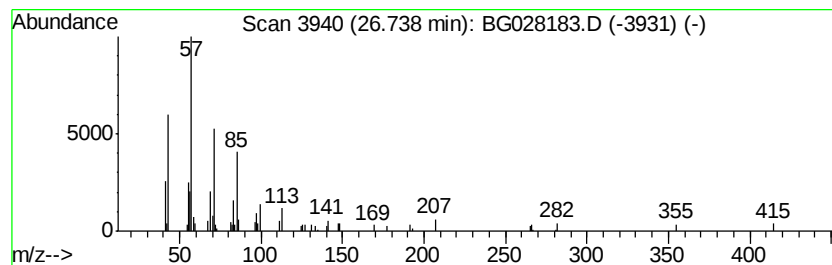
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	2.13 ng/ul	94561	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	81
2		Hentriacontane	437	C31H64	000630-04-6	80
3		Hentriacontane	437	C31H64	000630-04-6	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72



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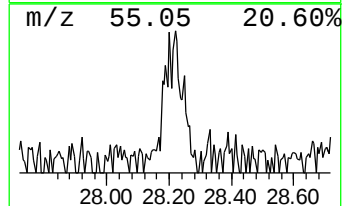
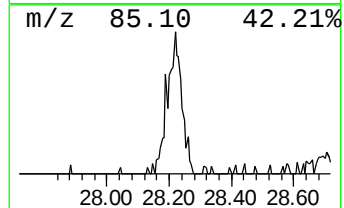
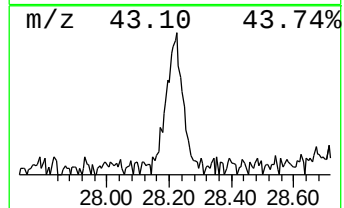
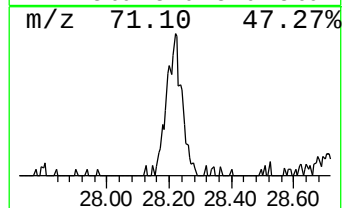
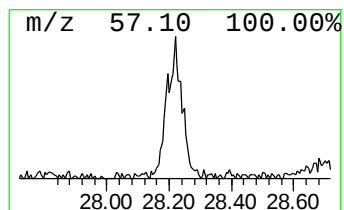
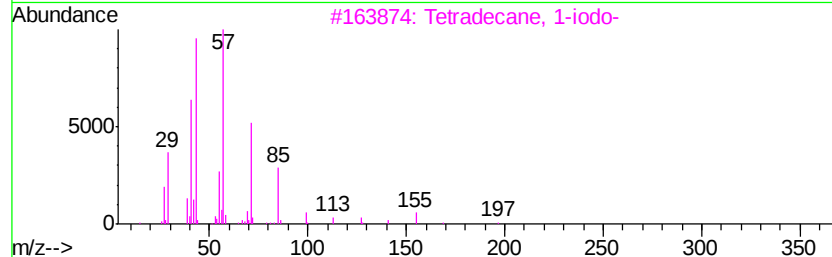
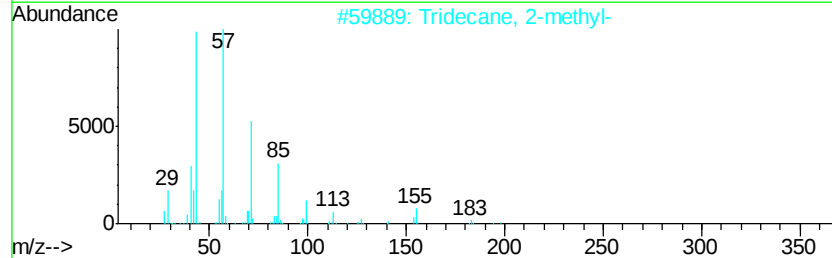
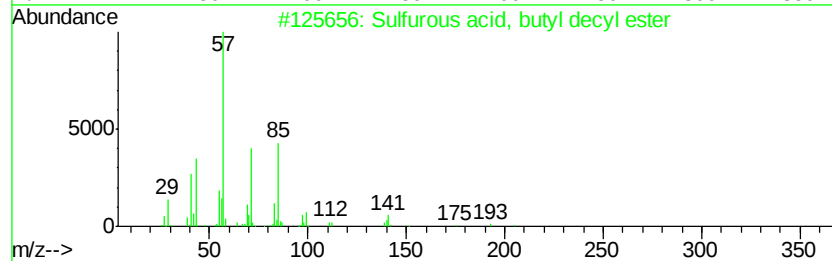
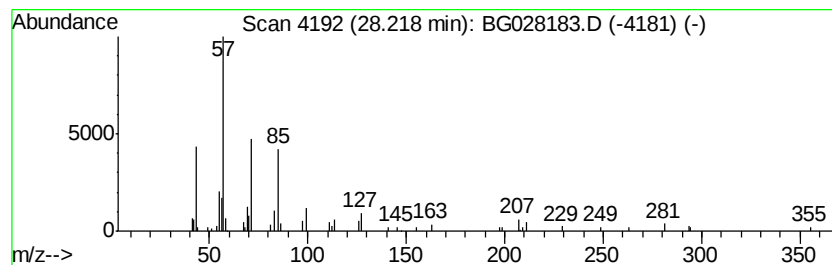
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, butyl decyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.22	2.30 ng/ul	101903	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5		Tetracosane	338	C24H50	000646-31-1	64



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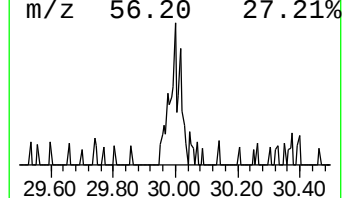
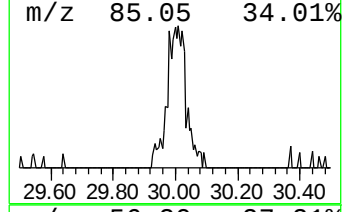
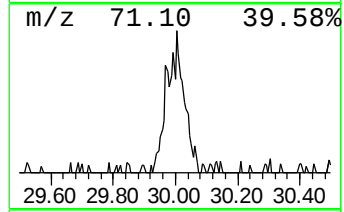
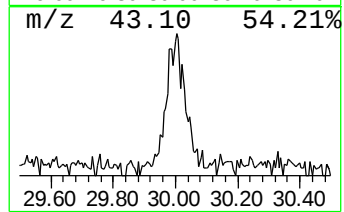
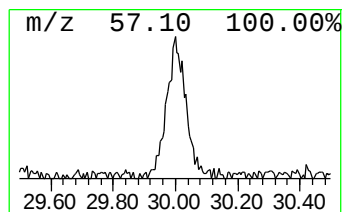
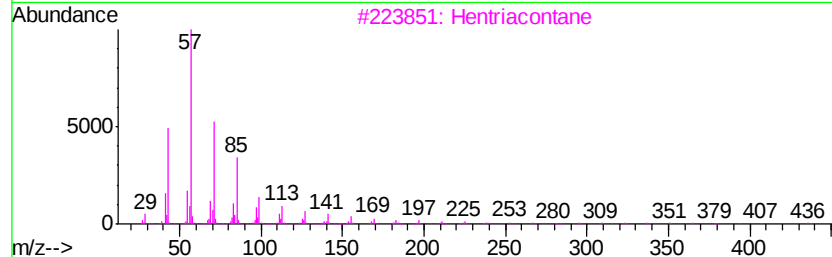
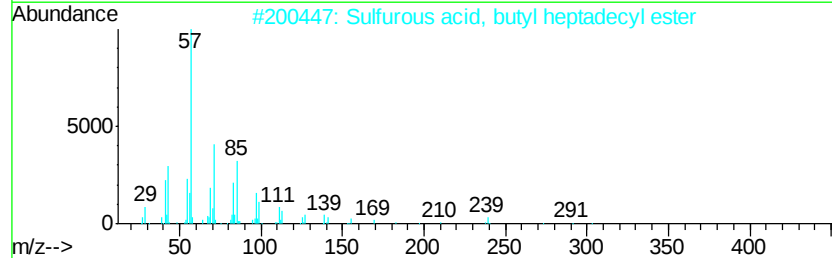
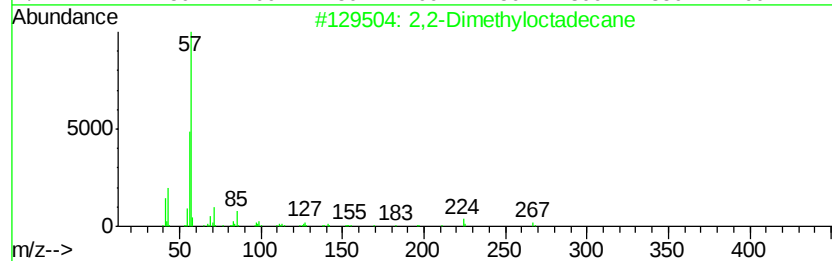
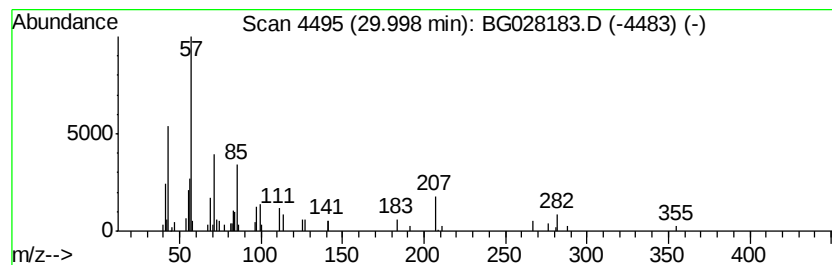
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.00	2.21 ng/ul	97996	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethyloctadecane	282	C20H42	1000360-43-2	64
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	59
3		Hentriacontane	437	C31H64	000630-04-6	53
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
5		Heptacosane	380	C27H56	000593-49-7	50



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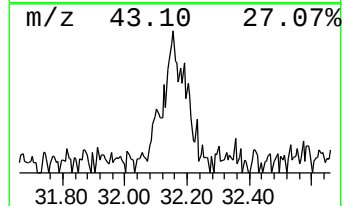
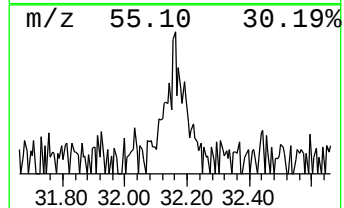
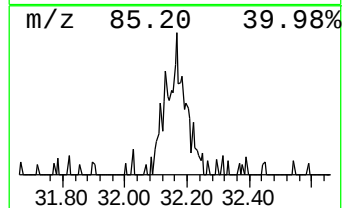
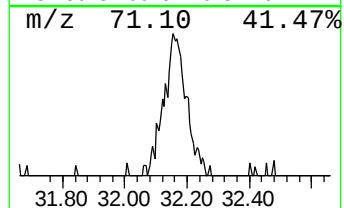
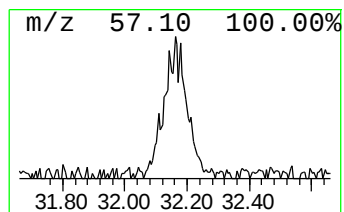
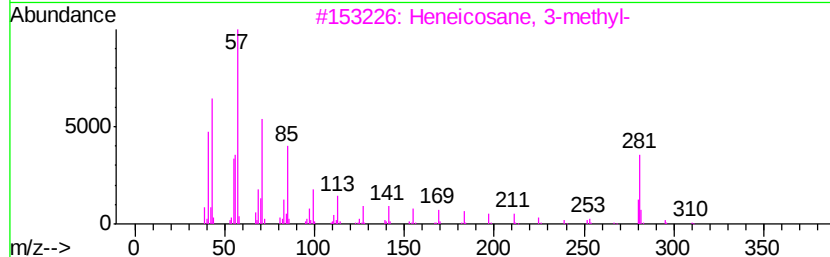
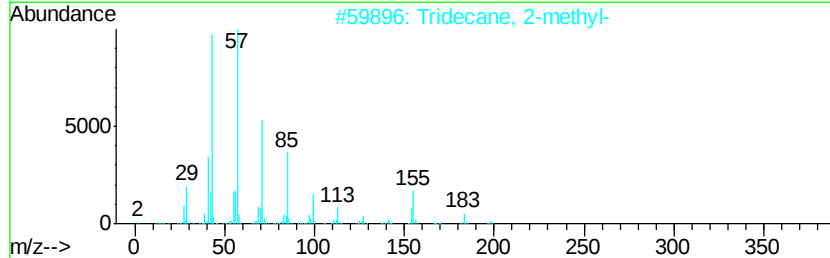
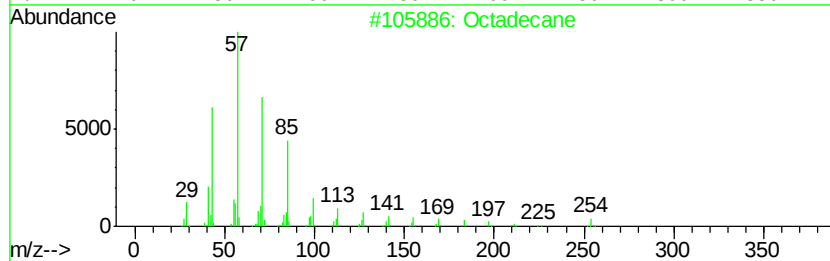
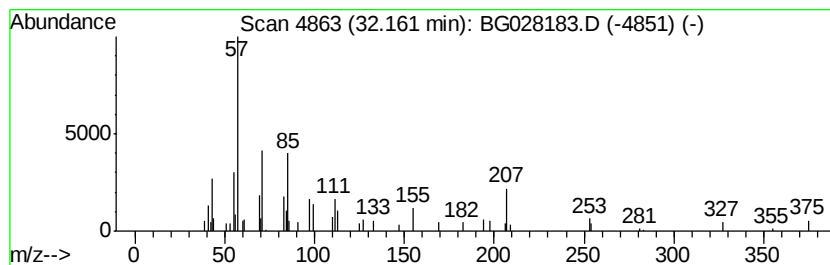
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.16	2.18 ng/ul	96649	Perylene-d12	25.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	58
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
3			Heneicosane, 3-methyl-	310	C22H46	006418-47-9	50
4			Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	49
5			Hentriacontane	437	C31H64	000630-04-6	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
Data File : BG028183.D
Acq On : 8 Aug 2017 10:30
Operator : SJ/JU
Sample : PB101300BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK00

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	26.74	2.1	ng/ul	94561	6	25.55	886952	20.0
Sulfurous acid, b...	28.22	2.3	ng/ul	101903	6	25.55	886952	20.0
(DEL) Alkane: Str...	30.00	2.2	ng/ul	97996	6	25.55	886952	20.0
(DEL) Alkane: Str...	32.16	2.2	ng/ul	96649	6	25.55	886952	20.0