

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028129.D
 Acq On : 3 Aug 2017 4:33
 Operator : SJ/JU
 Sample : I4405-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JJ2X8

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	3.852	41	45	51	rBV4	5794	9076	0.84%	0.069%
2	4.363	126	132	137	rBV4	1612	3013	0.28%	0.023%
3	4.586	165	170	175	rBV5	2304	4528	0.42%	0.034%
4	4.780	200	203	210	rVB6	2277	3165	0.29%	0.024%
5	4.939	224	230	237	rBV5	1677	5692	0.53%	0.043%
6	5.479	314	322	324	rBV6	2342	5060	0.47%	0.038%
7	6.114	423	430	434	rBV4	2549	4462	0.42%	0.034%
8	6.237	445	451	453	rBV2	2478	3879	0.36%	0.029%
9	6.296	459	461	468	rBV4	1388	2516	0.23%	0.019%
10	6.572	503	508	513	rBV4	1711	3870	0.36%	0.029%
11	7.177	609	611	617	rBV4	1417	2722	0.25%	0.021%
12	7.277	622	628	631	rBV4	1470	2616	0.24%	0.020%
13	7.359	637	642	649	rVB4	1576	3888	0.36%	0.029%
14	7.424	649	653	656	rBV3	1581	2811	0.26%	0.021%
15	7.506	658	667	682	rBV2	125293	275966	25.69%	2.084%
16	7.677	689	696	706	rBV	90071	156356	14.55%	1.181%
17	7.788	713	715	723	rBV3	1707	2977	0.28%	0.022%
18	7.894	723	733	742	rBV	113094	212189	19.75%	1.603%
19	8.158	774	778	781	rBV2	1774	3198	0.30%	0.024%
20	8.364	802	813	822	rBV	139590	243841	22.70%	1.842%
21	8.611	849	855	862	rBV5	2818	7552	0.70%	0.057%
22	8.828	888	892	897	rVB3	1367	2744	0.26%	0.021%
23	9.052	922	930	941	rBV	155807	302654	28.17%	2.286%
24	9.198	951	955	960	rBV5	1973	3201	0.30%	0.024%
25	9.533	1002	1012	1026	rBV	132266	247131	23.00%	1.867%
26	9.657	1029	1033	1040	rBV3	1734	2658	0.25%	0.020%
27	9.892	1064	1073	1081	rVB4	1972	5575	0.52%	0.042%
28	10.256	1121	1135	1142	rBV2	118197	222210	20.68%	1.678%
29	10.327	1143	1147	1155	rVB2	5767	10882	1.01%	0.082%
30	10.520	1175	1180	1184	rVB4	1773	2645	0.25%	0.020%
31	10.797	1220	1227	1237	rBV	170943	322692	30.04%	2.437%
32	11.108	1274	1280	1283	rBV2	2515	4028	0.37%	0.030%
33	11.184	1285	1293	1306	rVB	222421	416368	38.76%	3.145%
34	11.314	1306	1315	1329	rBV	74750	159045	14.80%	1.201%

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35	11.713	1378	1383	1386	rBV3	3051	4441	0.41%	0.034%
36	11.748	1386	1389	1394	rVV3	1804	2859	0.27%	0.022%
37	12.160	1452	1459	1462	rVB4	1770	2501	0.23%	0.019%
38	12.624	1534	1538	1547	rVB4	3759	7375	0.69%	0.056%
39	12.747	1556	1559	1563	rVB2	2626	3219	0.30%	0.024%
40	13.323	1649	1657	1664	rVB5	4020	8960	0.83%	0.068%
41	13.564	1694	1698	1704	rBV4	3696	6742	0.63%	0.051%
42	13.770	1729	1733	1739	rVB4	2228	3244	0.30%	0.025%
43	13.834	1742	1744	1751	rBV3	2052	3246	0.30%	0.025%
44	14.357	1827	1833	1838	rBV	378748	566154	52.70%	4.276%
45	14.404	1838	1841	1848	rVB	96949	135164	12.58%	1.021%
46	14.604	1870	1875	1877	rBV4	2597	4015	0.37%	0.030%
47	14.669	1877	1886	1894	rVV	398421	634716	59.08%	4.794%
48	14.827	1908	1913	1918	rBV5	6041	10132	0.94%	0.077%
49	14.974	1928	1938	1946	rVB2	386265	673284	62.67%	5.086%
50	15.156	1963	1969	1984	rBV2	80834	186775	17.39%	1.411%
51	15.315	1992	1996	2002	rVB5	5594	6971	0.65%	0.053%
52	15.379	2002	2007	2014	rVB9	6218	10482	0.98%	0.079%
53	15.444	2014	2018	2024	rVB6	3870	6761	0.63%	0.051%
54	15.515	2024	2030	2035	rVB5	3753	8045	0.75%	0.061%
55	15.685	2056	2059	2064	rVV4	2042	3628	0.34%	0.027%
56	15.773	2064	2074	2079	rVV3	18646	30466	2.84%	0.230%
57	15.902	2092	2096	2098	rVB4	2350	3206	0.30%	0.024%
58	15.961	2098	2106	2113	rBV	567193	866627	80.67%	6.546%
59	16.067	2118	2124	2135	rBV2	166992	269166	25.05%	2.033%
60	16.184	2137	2144	2152	rVB8	12920	29912	2.78%	0.226%
61	16.273	2157	2159	2165	rVB4	3400	3473	0.32%	0.026%
62	16.320	2165	2167	2169	rBV2	5041	3605	0.34%	0.027%
63	16.402	2178	2181	2185	rVB5	3483	3924	0.37%	0.030%
64	16.525	2197	2202	2204	rVV5	2905	3014	0.28%	0.023%
65	16.637	2216	2221	2224	rBV2	28103	47711	4.44%	0.360%
66	16.813	2249	2251	2258	rVB6	2862	4786	0.45%	0.036%
67	16.913	2265	2268	2273	rBV5	3481	5209	0.48%	0.039%
68	16.978	2276	2279	2283	rVB5	4366	6350	0.59%	0.048%
69	17.036	2287	2289	2294	rVB5	5149	5541	0.52%	0.042%
70	17.101	2295	2300	2303	rBV7	4647	6707	0.62%	0.051%
71	17.148	2304	2308	2312	rVB5	4246	7000	0.65%	0.053%

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72	17.430	2351	2356	2361	rBV2	20559	29784	2.77%	0.225%
73	17.483	2361	2365	2372	rVB4	12903	20778	1.93%	0.157%
74	17.718	2396	2405	2415	rBV	549504	852476	79.35%	6.439%
75	17.818	2415	2422	2432	rVB	598842	947040	88.15%	7.153%
76	17.965	2445	2447	2449	rBV2	3437	3214	0.30%	0.024%
77	18.018	2454	2456	2460	rBV3	3773	5179	0.48%	0.039%
78	18.088	2466	2468	2471	rBV3	4440	2705	0.25%	0.020%
79	18.170	2477	2482	2489	rVB4	13571	18092	1.68%	0.137%
80	18.311	2504	2506	2509	rBV3	2861	3360	0.31%	0.025%
81	18.570	2545	2550	2559	rBV6	36804	86322	8.03%	0.652%
82	18.646	2559	2563	2570	rVB	36206	60031	5.59%	0.453%
83	19.398	2689	2691	2694	rBV4	6968	6683	0.62%	0.050%
84	19.475	2700	2704	2707	rBV3	21643	30765	2.86%	0.232%
85	19.733	2739	2748	2756	rBV3	13944	42468	3.95%	0.321%
86	19.833	2760	2765	2773	rBV4	36136	72408	6.74%	0.547%
87	20.050	2799	2802	2803	rBV2	9568	10000	0.93%	0.076%
88	20.092	2803	2809	2819	rVB	710616	1074330	100.00%	8.115%
89	20.573	2888	2891	2899	rVB2	27606	44004	4.10%	0.332%
90	21.084	2975	2978	2983	rVB3	32481	36940	3.44%	0.279%
91	21.625	3065	3070	3082	rVB	60840	114761	10.68%	0.867%
92	22.054	3135	3143	3155	rBV	504835	910767	84.78%	6.879%
93	22.865	3276	3281	3289	rBV	52480	83794	7.80%	0.633%
94	23.617	3404	3409	3415	rVB4	34488	67610	6.29%	0.511%
95	24.492	3551	3558	3565	rBV3	55294	129365	12.04%	0.977%
96	25.321	3690	3699	3711	rBV3	309853	972452	90.52%	7.345%
97	25.567	3728	3741	3757	rVB2	276413	1011660	94.17%	7.642%
98	26.760	3937	3944	3955	rVB3	55994	181036	16.85%	1.367%
99	28.235	4190	4195	4209	rVB6	42997	148938	13.86%	1.125%
100	30.015	4494	4498	4499	rBV4	17807	25418	2.37%	0.192%

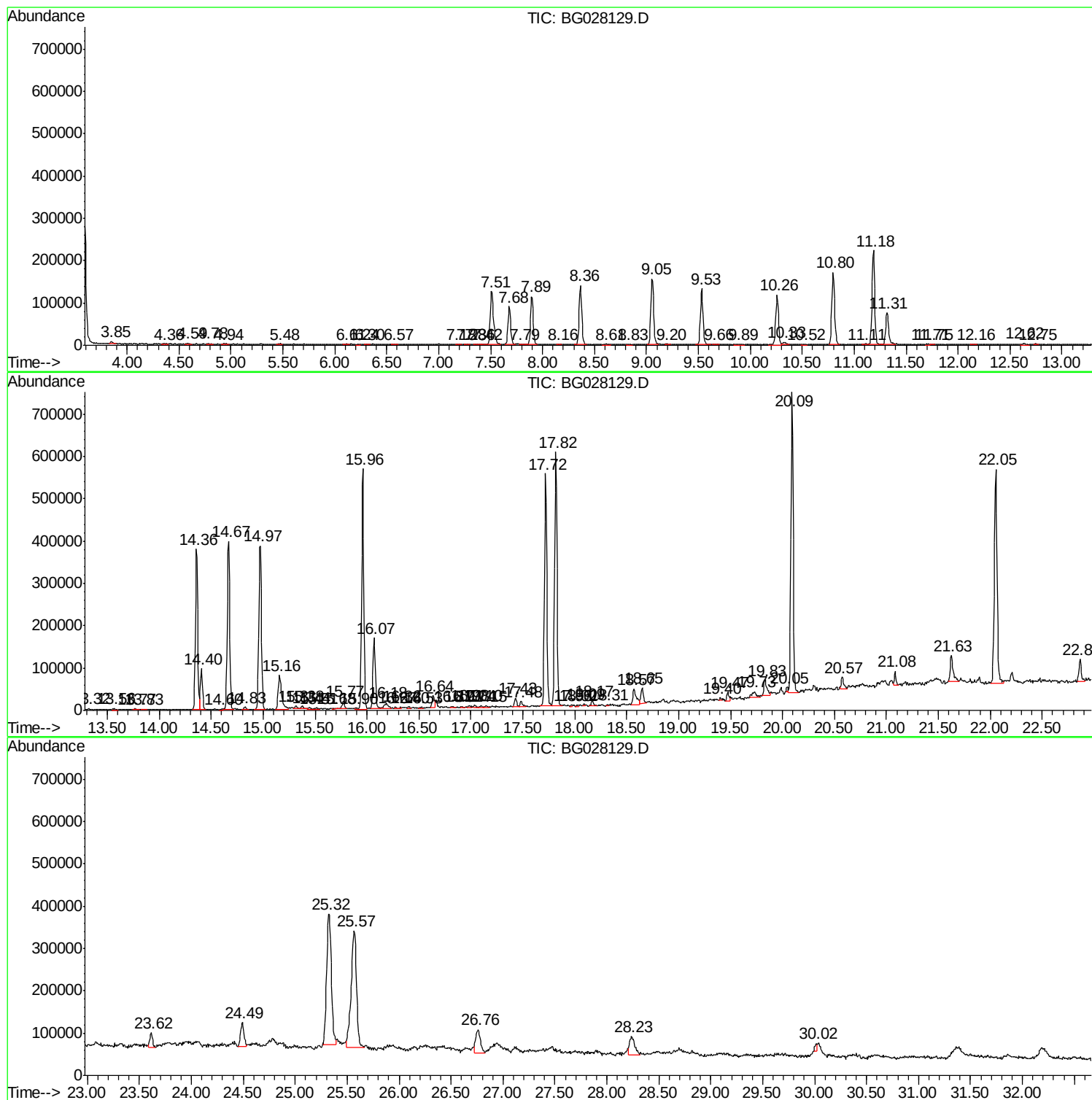
Sum of corrected areas: 13239001

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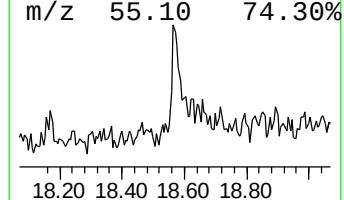
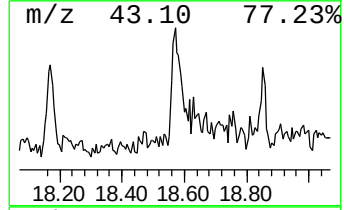
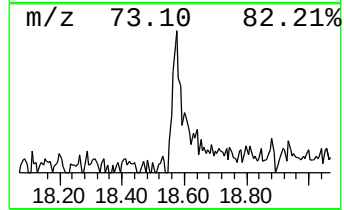
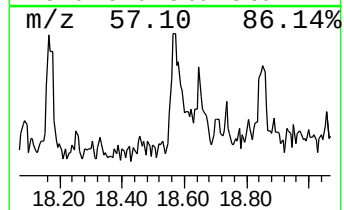
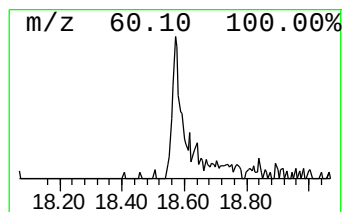
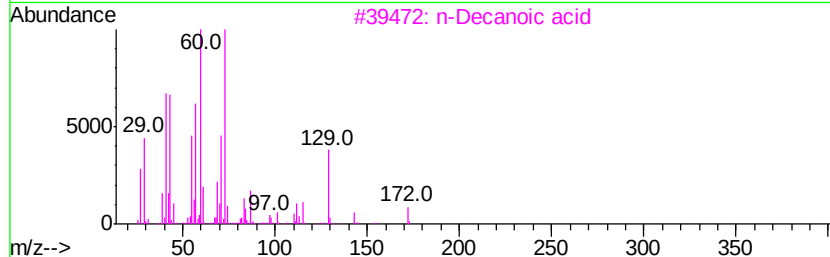
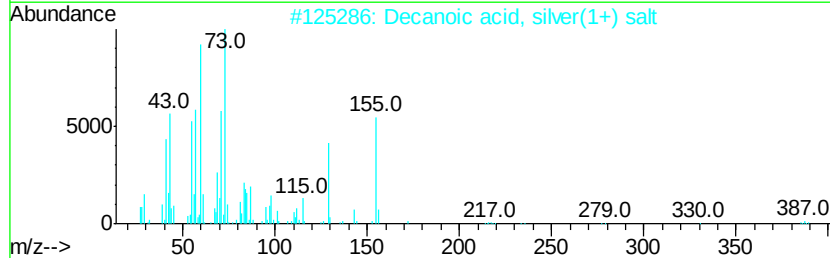
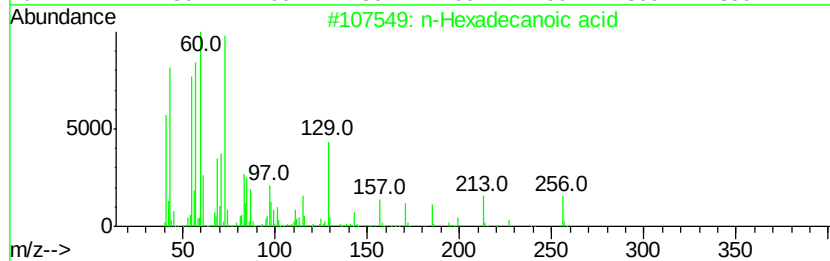
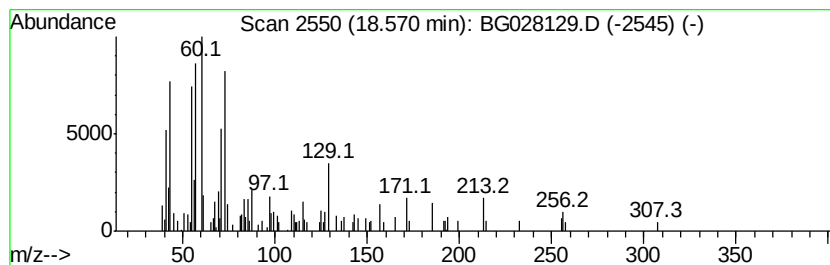
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.03 ng/ul	86322	Phenanthrene-d10	17.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	59
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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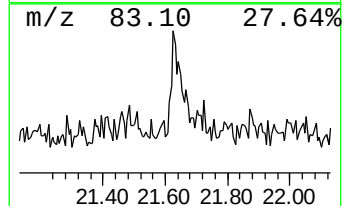
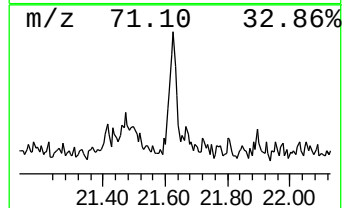
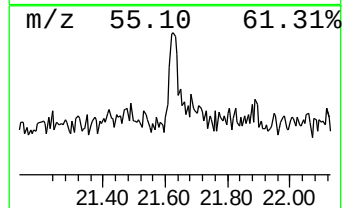
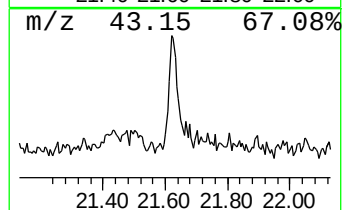
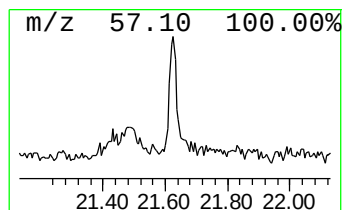
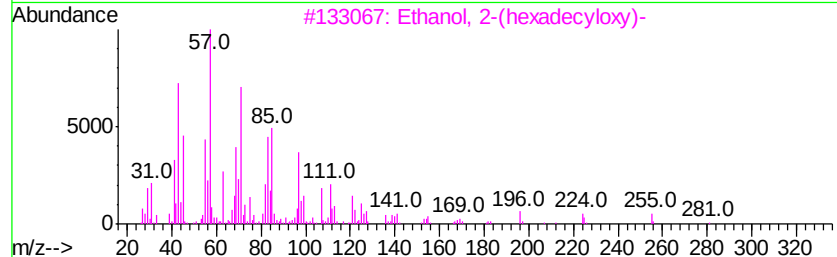
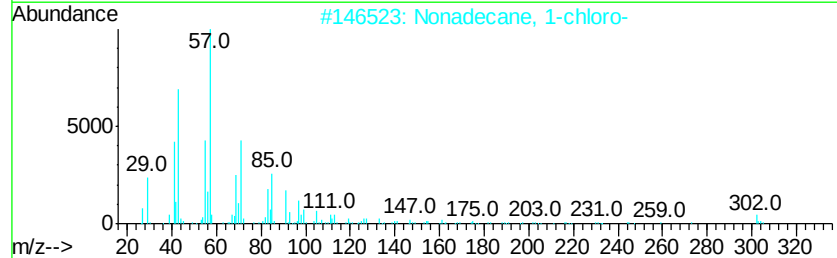
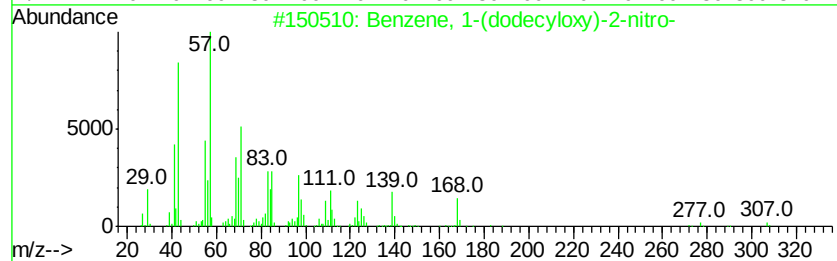
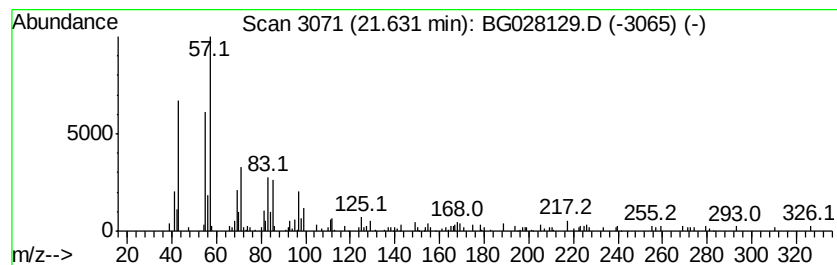
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-(dodecyloxy)-2-n... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.63	2.52 ng/ul	114761	Chrysene-d12	22.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(dodecyloxy)-2-nitro-	307	C18H29NO3	083027-71-8	90
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	74
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72
5	1-Pentadecene	210	C15H30	013360-61-7	70



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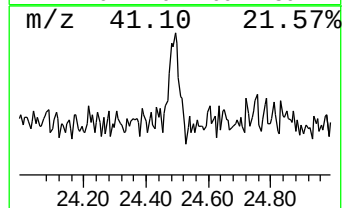
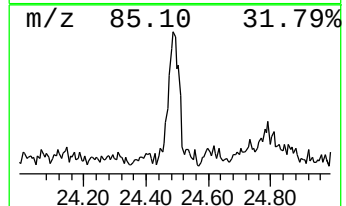
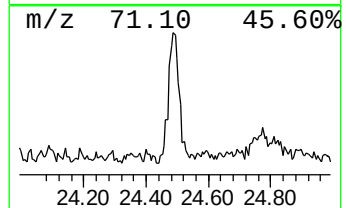
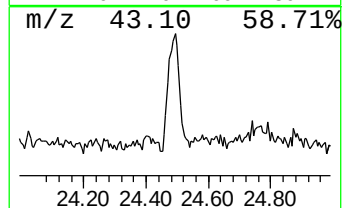
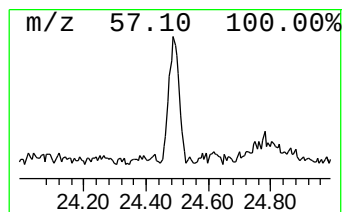
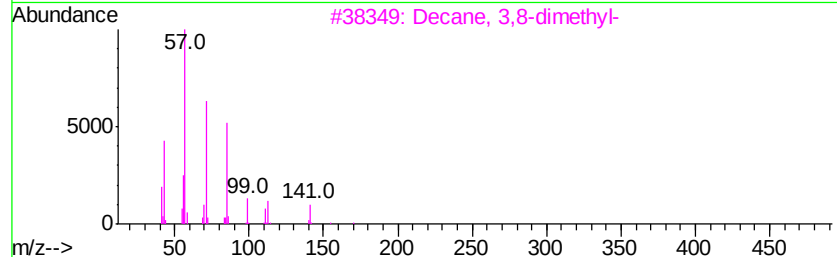
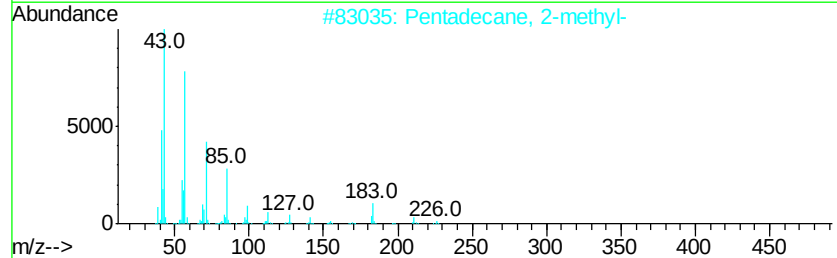
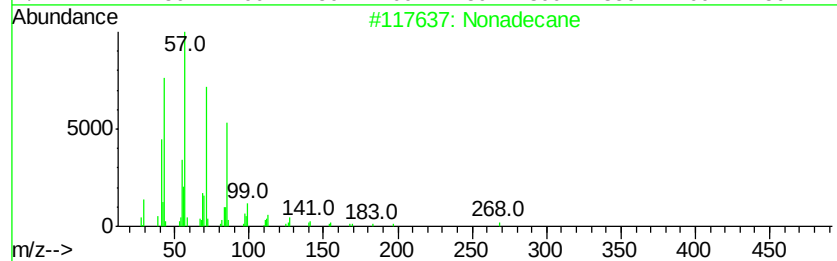
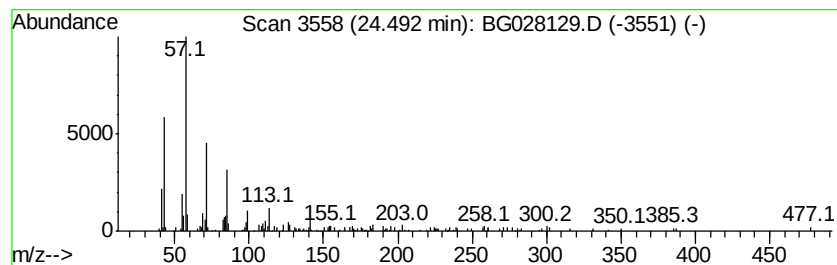
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.56 ng/ul	129365	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4		Docosane	310	C22H46	000629-97-0	80
5		Hexadecane	226	C16H34	000544-76-3	76



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ClientSampleId :
JJ2X8

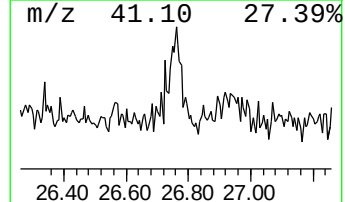
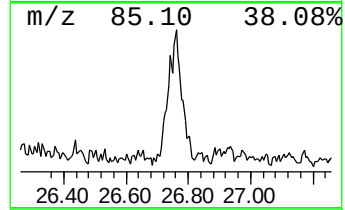
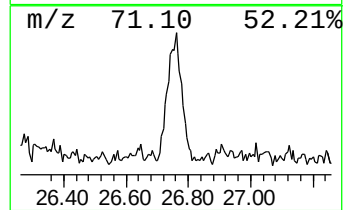
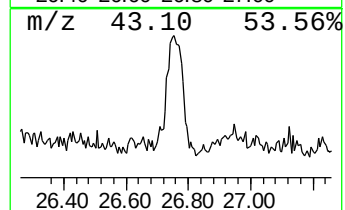
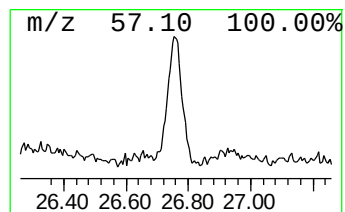
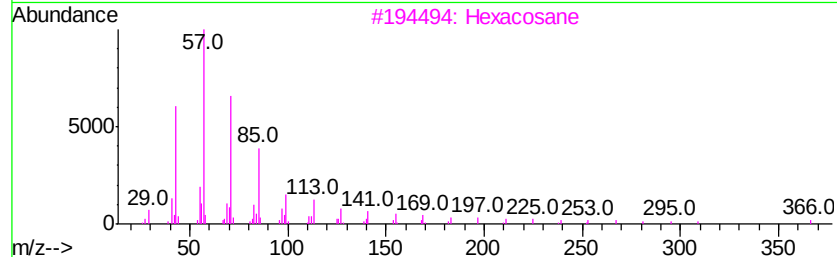
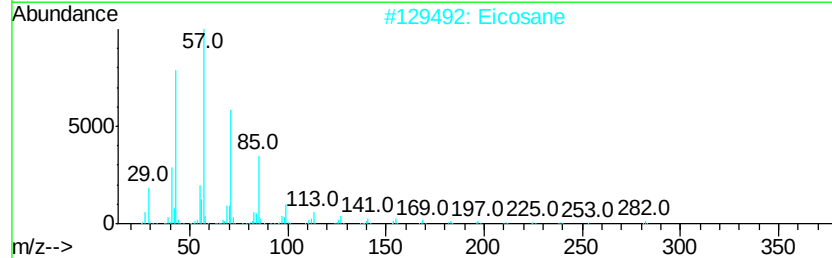
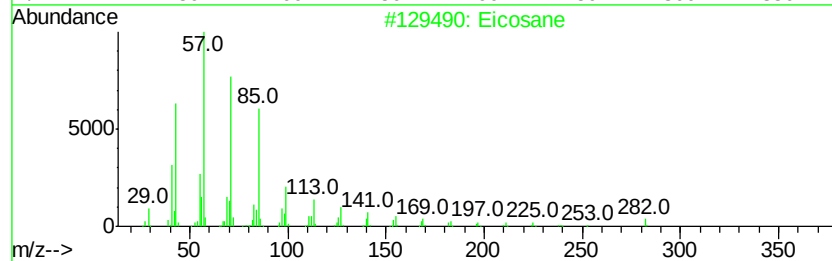
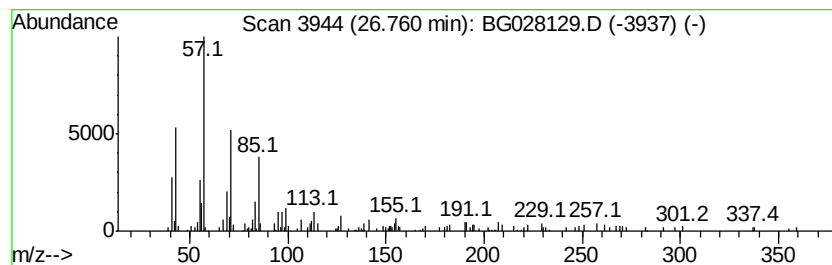
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	3.58 ng/ul	181036	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Eicosane	282	C20H42	000112-95-8	74
3		Hexacosane	366	C26H54	000630-01-3	74
4		Hentriacontane	437	C31H64	000630-04-6	72
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028129.D
Acq On : 3 Aug 2017 4:33
Operator : SJ/JU
Sample : I4405-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

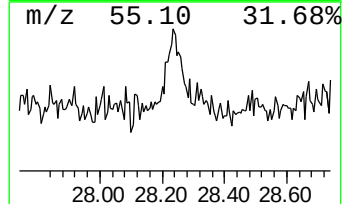
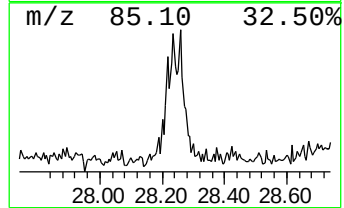
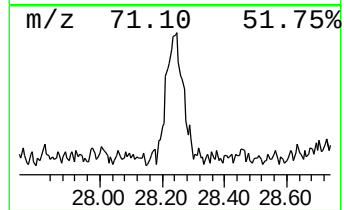
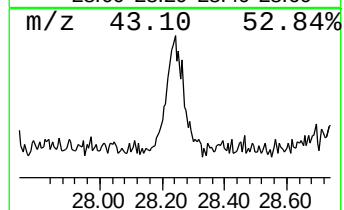
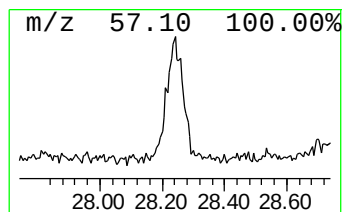
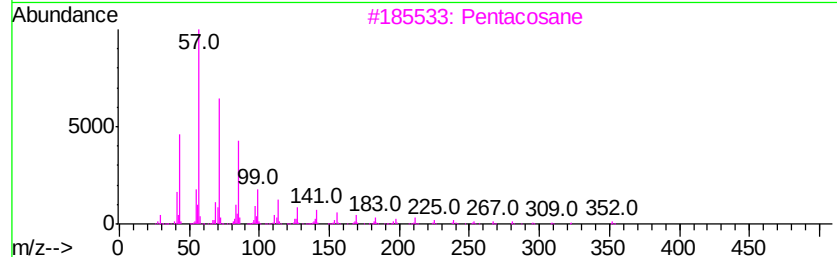
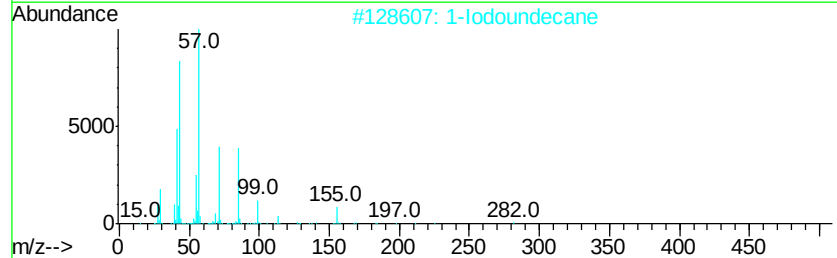
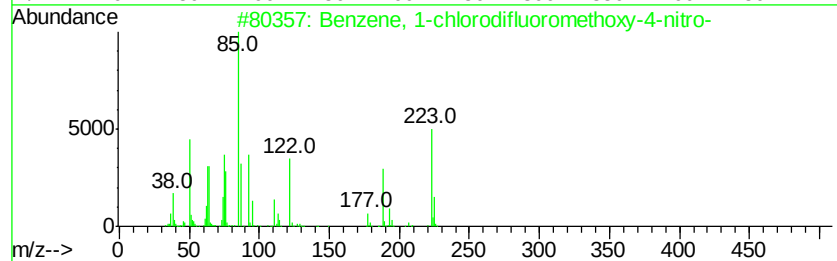
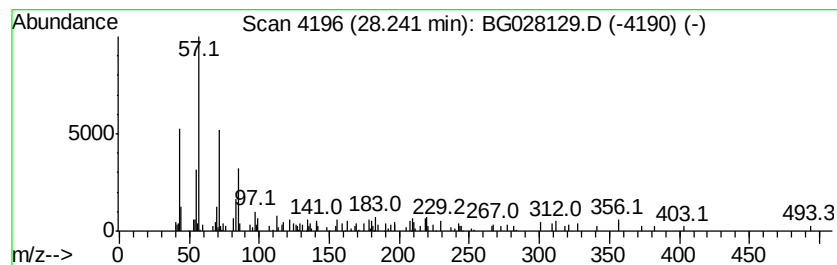
Instrument :
BNA_G
ClientSampleId :
JJ2X8

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 5 Benzene, 1-chlorodifluorome... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.			
28.24	2.94 ng/ul	148938	Perylene-d12	25.57			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chlorodifluoromethoxy...	223	C7H4ClF2NO3	040750-71-8	64
2			1-Iodoundecane	282	C11H23I	004282-44-4	52
3			Pentacosane	352	C25H52	000629-99-2	50
4			Octadecane, 3-methyl-	268	C19H40	006561-44-0	50
5			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028129.D
Acq On : 3 Aug 2017 4:33
Operator : SJ/JU
Sample : I4405-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X8

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
n-Hexadecanoic acid	18.57	2.0	ng/ul	86322	4	17.72	852476	20.0
Benzene, 1-(dodec...	21.63	2.5	ng/ul	114761	5	22.05	910767	20.0
(DEL) Alkane: Str...	24.49	2.6	ng/ul	129365	6	25.57	1011660	20.0
(DEL) Alkane: Str...	26.76	3.6	ng/ul	181036	6	25.57	1011660	20.0
Benzene, 1-chloro...	28.24	2.9	ng/ul	148938	6	25.57	1011660	20.0