

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026876.D
 Acq On : 6 May 2017 10:51
 Operator : SJ/MA
 Sample : I2842-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC33

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-BG042717.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	3.425	52	57	68	rVB2	32255	52555	1.56%	0.113%
2	4.718	271	277	285	rVB8	8819	16438	0.49%	0.035%
3	5.106	339	343	354	rVB5	8663	18520	0.55%	0.040%
4	6.210	522	531	540	rBV8	5095	10762	0.32%	0.023%
5	7.186	686	697	714	rBV	545314	1100210	32.65%	2.369%
6	7.333	714	722	735	rVV	485926	824556	24.47%	1.776%
7	7.544	749	758	773	rBV	592046	1059681	31.45%	2.282%
8	8.008	827	837	854	rBV	632162	1078095	32.00%	2.321%
9	8.719	950	958	974	rBV	677064	1341570	39.82%	2.889%
10	8.837	974	978	985	rVB3	12585	27548	0.82%	0.059%
11	9.166	1025	1034	1042	rBV	545493	971958	28.85%	2.093%
12	9.236	1042	1046	1050	rVB4	12226	20071	0.60%	0.043%
13	9.589	1100	1106	1111	rBV3	13231	23387	0.69%	0.050%
14	9.712	1119	1127	1135	rBV6	4685	12523	0.37%	0.027%
15	9.888	1147	1157	1173	rBV	443929	818650	24.30%	1.763%
16	10.435	1242	1250	1273	rBV	672456	1356431	40.26%	2.921%
17	10.805	1301	1313	1328	rBV	1014456	1802349	53.49%	3.881%
18	10.940	1328	1336	1363	rVB	558905	1140046	33.83%	2.455%
19	12.286	1561	1565	1573	rBV6	5641	13433	0.40%	0.029%
20	12.391	1578	1583	1593	rVB3	11805	24574	0.73%	0.053%
21	13.232	1721	1726	1730	rBV5	7835	10545	0.31%	0.023%
22	13.443	1758	1762	1767	rVV2	17031	25316	0.75%	0.055%
23	13.508	1767	1773	1781	rVV8	15796	30690	0.91%	0.066%
24	13.948	1839	1848	1853	rBV7	6687	15489	0.46%	0.033%
25	14.019	1853	1860	1865	rVV	1260374	1893560	56.20%	4.077%
26	14.066	1865	1868	1877	rVB	383094	544950	16.17%	1.173%
27	14.313	1898	1910	1919	rBV	1635414	2516200	74.68%	5.418%
28	14.507	1934	1943	1951	rVB3	44276	90708	2.69%	0.195%
29	14.618	1951	1962	1970	rBV3	1394381	2270912	67.40%	4.890%
30	14.683	1970	1973	1985	rVB3	17552	34401	1.02%	0.074%
31	14.842	1992	2000	2024	rBV	248884	717370	21.29%	1.545%
32	15.000	2025	2027	2031	rVB5	7802	11534	0.34%	0.025%
33	15.124	2044	2048	2054	rVB5	14676	25538	0.76%	0.055%
34	15.194	2054	2060	2065	rBV6	10765	15446	0.46%	0.033%

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35	15.423	2091	2099	2101	rVV2	71489	108246	3.21%	0.233%
36	15.453	2101	2104	2109	rVB	65630	84761	2.52%	0.183%
37	15.605	2123	2130	2138	rBV	1904176	2916611	86.56%	6.280%
38	15.729	2145	2151	2164	rBV	349765	584533	17.35%	1.259%
39	15.840	2164	2170	2178	rVB5	52853	110529	3.28%	0.238%
40	15.975	2185	2193	2205	rVB	174724	278216	8.26%	0.599%
41	16.069	2206	2209	2213	rVB4	11702	12439	0.37%	0.027%
42	16.228	2231	2236	2239	rBV2	12080	14500	0.43%	0.031%
43	16.305	2242	2249	2259	rBV2	154044	294911	8.75%	0.635%
44	16.551	2289	2291	2296	rVB6	9514	11735	0.35%	0.025%
45	16.663	2304	2310	2316	rBV9	11667	28383	0.84%	0.061%
46	16.769	2324	2328	2333	rVB7	9276	16168	0.48%	0.035%
47	16.816	2333	2336	2340	rVB5	8489	12476	0.37%	0.027%
48	16.880	2343	2347	2351	rBV7	7588	13498	0.40%	0.029%
49	17.021	2364	2371	2373	rBV8	6501	11495	0.34%	0.025%
50	17.098	2381	2384	2388	rBV	43036	53128	1.58%	0.114%
51	17.151	2389	2393	2403	rVB10	21897	45573	1.35%	0.098%
52	17.256	2404	2411	2416	rVB10	6657	16622	0.49%	0.036%
53	17.356	2418	2428	2433	rBV2	1526800	2333874	69.26%	5.026%
54	17.397	2433	2435	2439	rVV	111788	142956	4.24%	0.308%
55	17.456	2439	2445	2456	rVB2	1816292	2793362	82.90%	6.015%
56	17.644	2472	2477	2481	rVB8	6044	11573	0.34%	0.025%
57	17.756	2493	2496	2505	rVB7	12024	23183	0.69%	0.050%
58	17.832	2505	2509	2514	rBV2	20330	28553	0.85%	0.061%
59	18.008	2535	2539	2545	rVB8	17068	25189	0.75%	0.054%
60	18.120	2553	2558	2563	rBV9	12091	26642	0.79%	0.057%
61	18.179	2563	2568	2572	rBV4	21676	36319	1.08%	0.078%
62	18.238	2572	2578	2596	rVV3	258347	535336	15.89%	1.153%
63	18.361	2596	2599	2604	rVB6	11552	18963	0.56%	0.041%
64	18.426	2605	2610	2614	rVV5	22183	37145	1.10%	0.080%
65	18.531	2623	2628	2633	rVB6	11302	20696	0.61%	0.045%
66	18.584	2633	2637	2646	rBV6	12421	27775	0.82%	0.060%
67	18.666	2648	2651	2657	rVB8	12744	16919	0.50%	0.036%
68	18.725	2657	2661	2665	rVV6	16336	29551	0.88%	0.064%
69	18.760	2665	2667	2674	rVB8	17774	33990	1.01%	0.073%
70	19.025	2708	2712	2716	rBV7	9590	17202	0.51%	0.037%
71	19.148	2728	2733	2739	rBV5	26863	52232	1.55%	0.112%

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72	19.236	2743	2748	2753	rBV7	35094	54269	1.61%	0.117%
73	19.401	2767	2776	2783	rBV	210764	364536	10.82%	0.785%
74	19.501	2789	2793	2804	rBV3	98495	182131	5.41%	0.392%
75	19.601	2806	2810	2812	rBV	37140	45582	1.35%	0.098%
76	19.630	2812	2815	2823	rVB2	104158	139446	4.14%	0.300%
77	19.736	2826	2833	2846	rBV	2188366	3369503	100.00%	7.256%
78	19.836	2847	2850	2857	rVB9	14855	26128	0.78%	0.056%
79	20.088	2888	2893	2899	rBV9	17538	42785	1.27%	0.092%
80	20.253	2916	2921	2926	rVB2	54869	72703	2.16%	0.157%
81	20.411	2944	2948	2952	rBV7	18767	34702	1.03%	0.075%
82	20.552	2970	2972	2975	rBV4	17953	18660	0.55%	0.040%
83	20.629	2982	2985	2991	rVB6	48446	70440	2.09%	0.152%
84	20.740	3001	3004	3008	rBV2	48055	52782	1.57%	0.114%
85	20.911	3030	3033	3040	rBV9	34782	62048	1.84%	0.134%
86	21.240	3085	3089	3093	rVB2	72996	96611	2.87%	0.208%
87	21.475	3127	3129	3137	rVB	55013	82277	2.44%	0.177%
88	21.598	3142	3150	3164	rVB	1484548	2746729	81.52%	5.915%
89	21.775	3177	3180	3189	rVB3	65381	121983	3.62%	0.263%
90	22.368	3277	3281	3287	rBV	89267	148257	4.40%	0.319%
91	22.738	3339	3344	3356	rVB3	87733	193481	5.74%	0.417%
92	23.044	3393	3396	3407	rVB2	59379	107606	3.19%	0.232%
93	23.755	3513	3517	3524	rBV2	39827	112362	3.33%	0.242%
94	23.831	3524	3530	3544	rVB2	187472	420055	12.47%	0.905%
95	24.548	3643	3652	3675	rVB2	1033746	3169787	94.07%	6.826%
96	24.765	3678	3689	3710	rVB2	900239	2750374	81.63%	5.922%
97	25.846	3863	3873	3883	rBV2	220728	661990	19.65%	1.425%
98	26.457	3974	3977	3988	rBV2	33191	94319	2.80%	0.203%
99	27.168	4090	4098	4108	rVB5	68783	218635	6.49%	0.471%
100	28.743	4358	4366	4380	rVB6	64863	238820	7.09%	0.514%

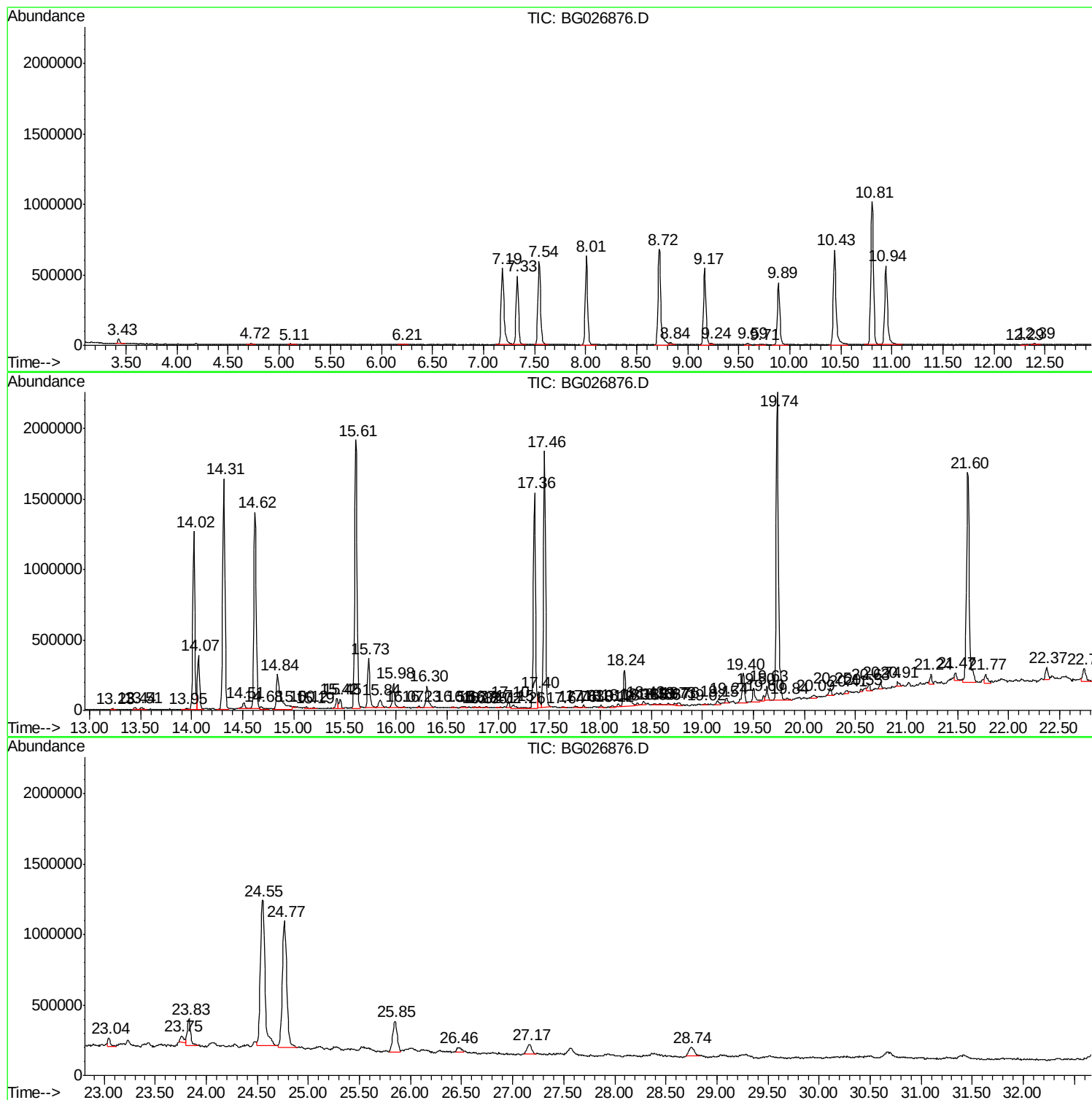
Sum of corrected areas: 46440301

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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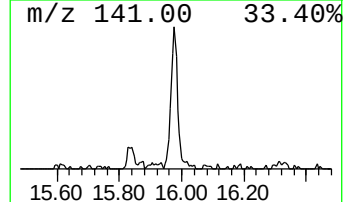
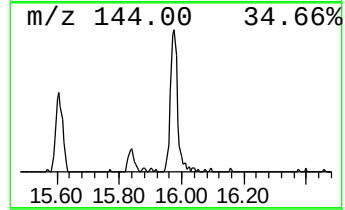
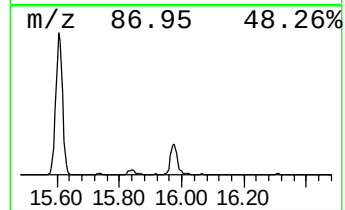
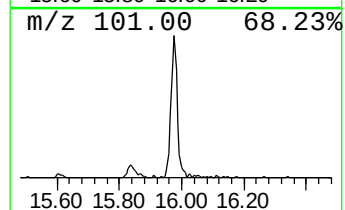
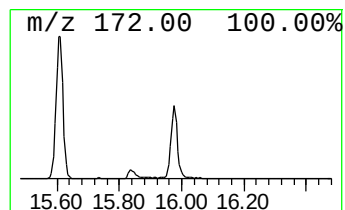
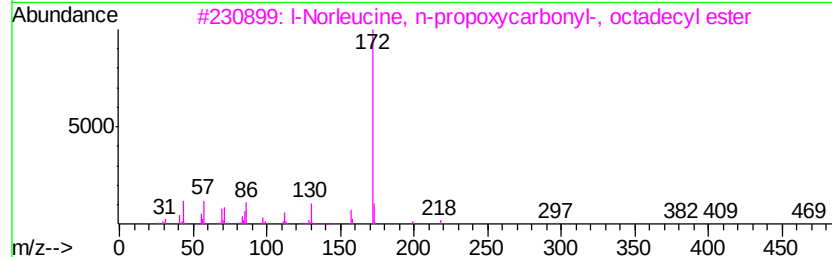
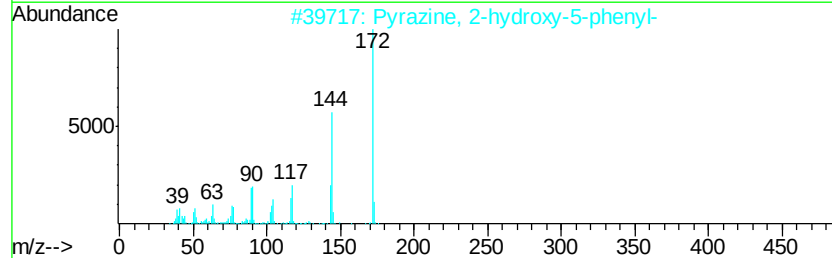
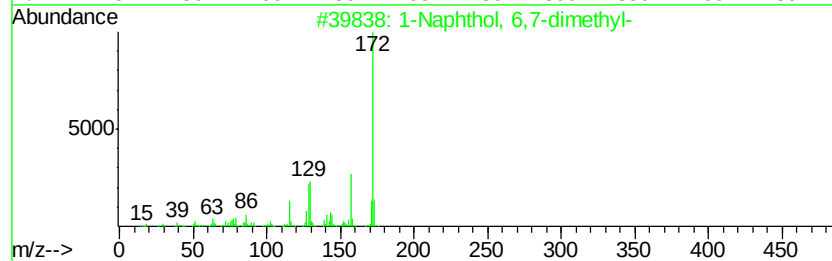
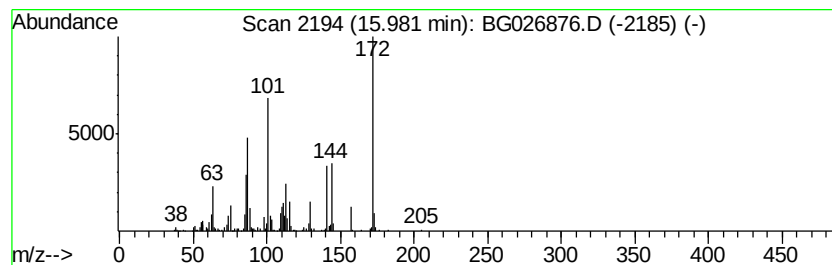
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.98	2.45 ng/ul	278216	Acenaphthene-d10	14.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	38
2	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	30
3	l-Norleucine, n-propoxycarbonyl-...	469	C28H55NO4	1000329-54-9	27
4	1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	27
5	Menadione	172	C11H8O2	000058-27-5	22



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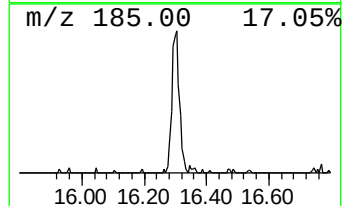
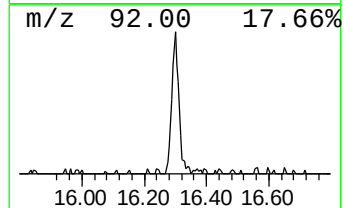
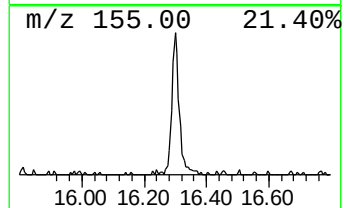
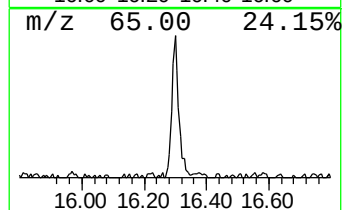
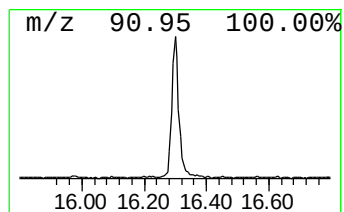
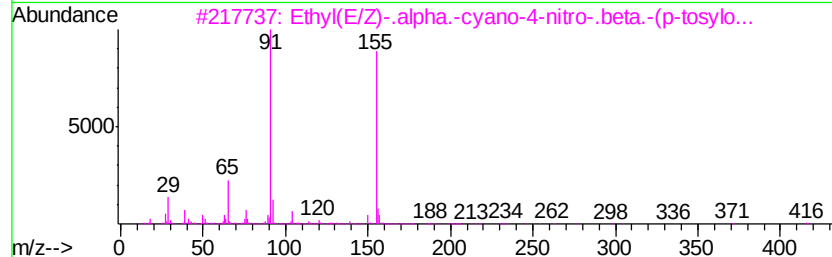
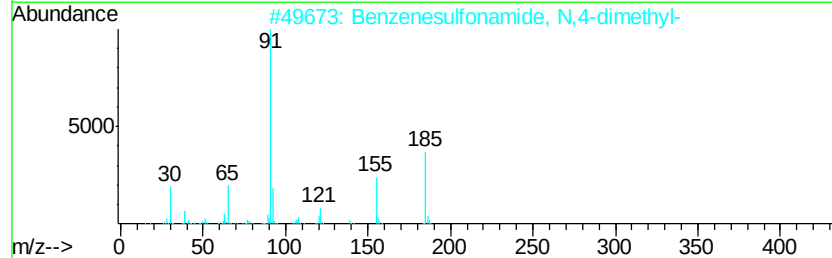
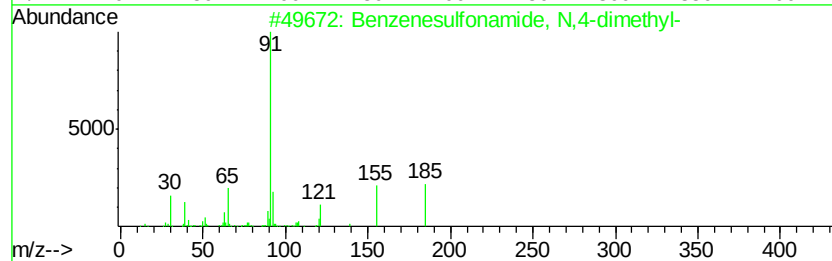
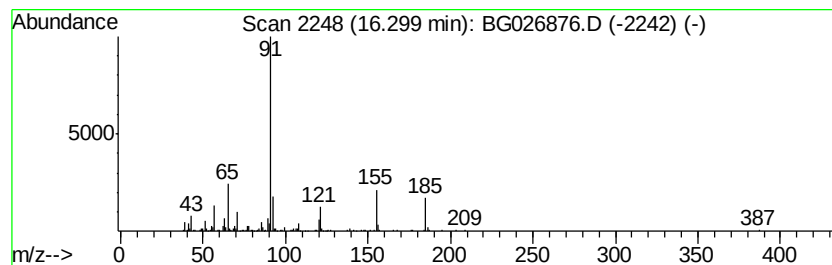
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzenesulfonamide, N,4-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.53 ng/ul	294911	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	53
2		Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	46
3		Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	38
4		4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	35
5		p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	35



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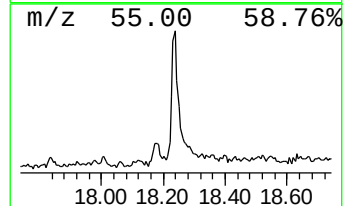
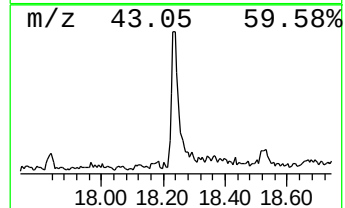
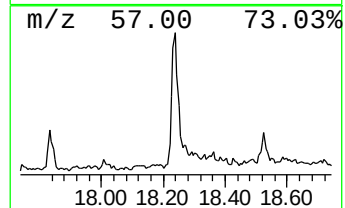
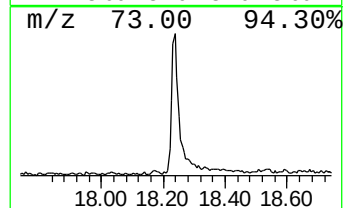
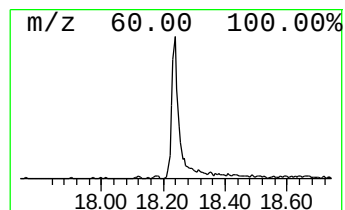
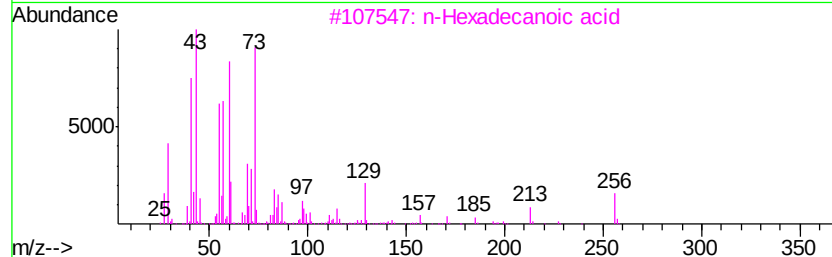
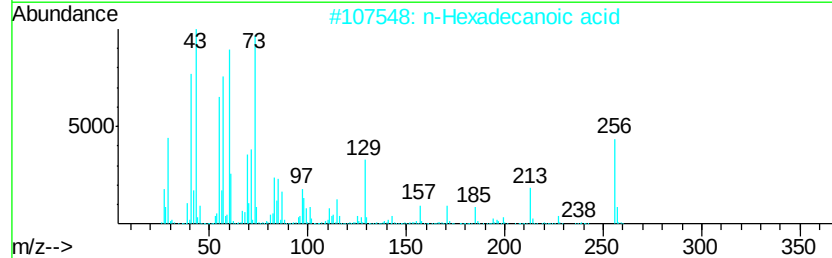
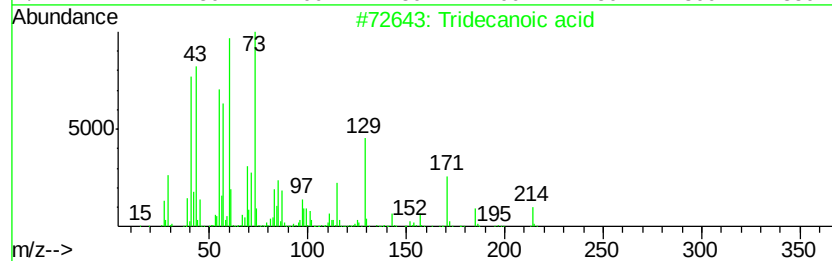
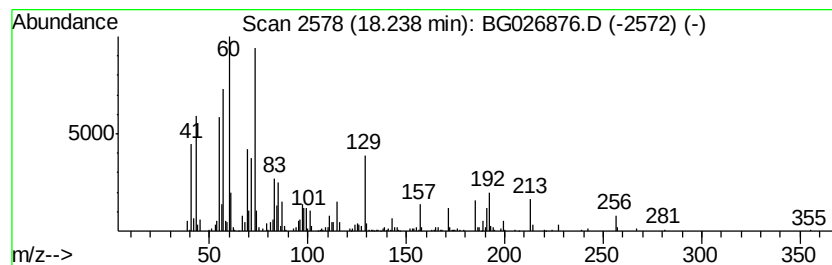
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Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.24	4.59 ng/ul	535336	Phenanthrene-d10		17.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026876.D
Acq On : 6 May 2017 10:51
Operator : SJ/MA
Sample : I2842-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC33

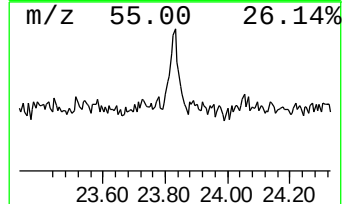
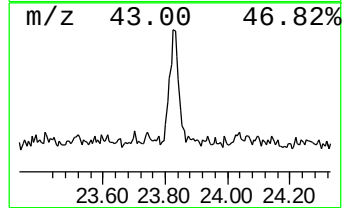
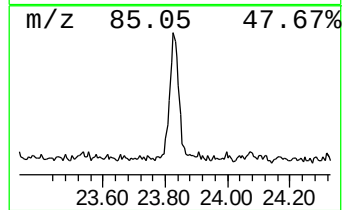
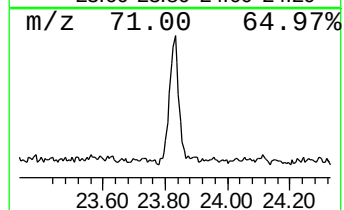
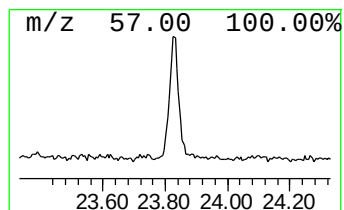
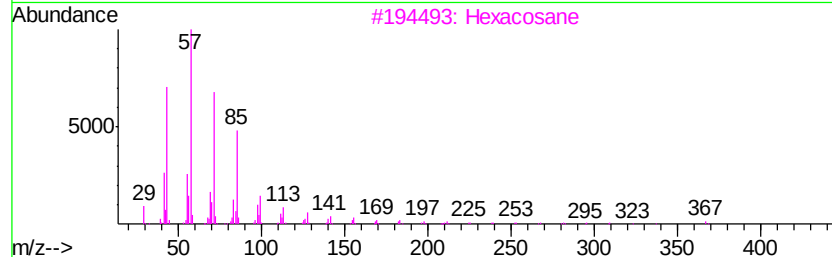
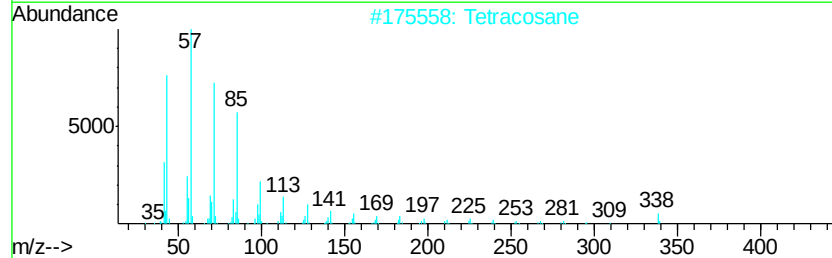
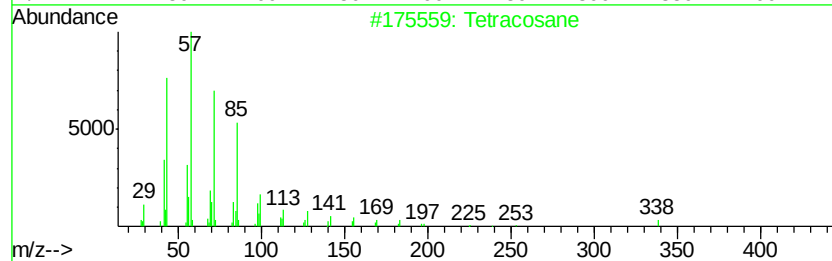
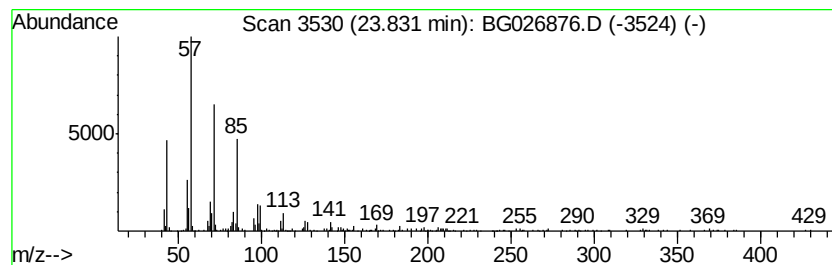
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Quant Title : SVOA CALIBRATION

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.
23.83	3.05 ng/ul	420055	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026876.D
Acq On : 6 May 2017 10:51
Operator : SJ/MA
Sample : I2842-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC33

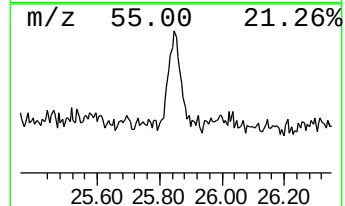
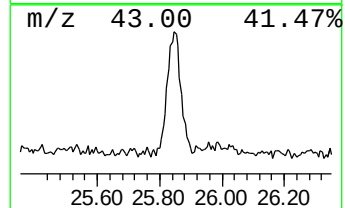
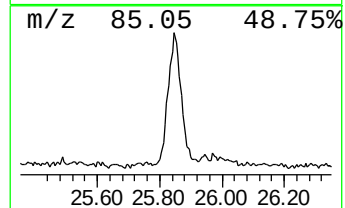
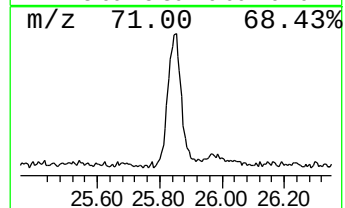
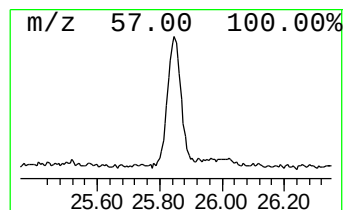
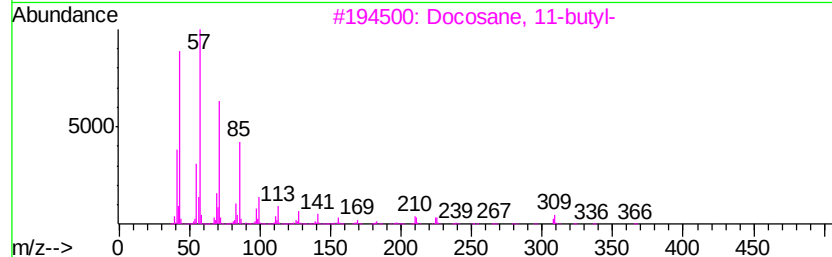
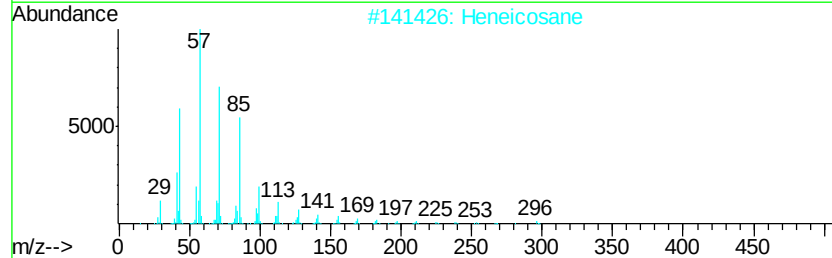
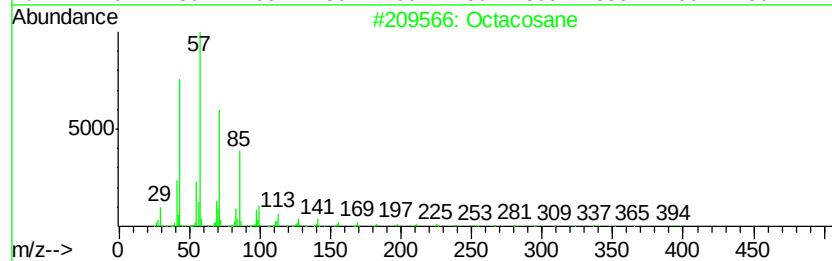
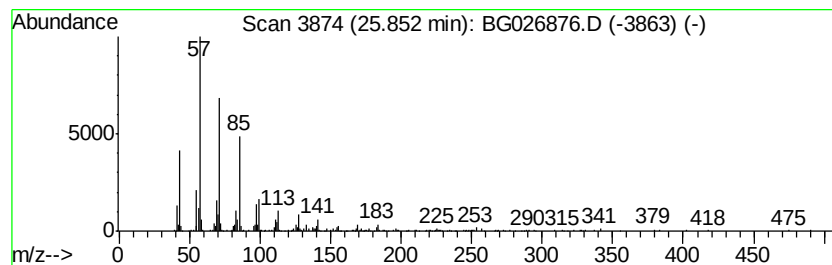
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	4.81 ng/ul	661990	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026876.D
Acq On : 6 May 2017 10:51
Operator : SJ/MA
Sample : I2842-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
unknown-01	15.98	2.5	ng/ul	278216	3	14.62	2270910	20.0
Benzenesulfonamid...	16.30	2.5	ng/ul	294911	4	17.36	2333870	20.0
Tridecanoic acid	18.24	4.6	ng/ul	535336	4	17.36	2333870	20.0
(DEL) Alkane: Str...	23.83	3.0	ng/ul	420055	6	24.77	2750370	20.0
(DEL) Alkane: Str...	25.85	4.8	ng/ul	661990	6	24.77	2750370	20.0