

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030586.D
 Acq On : 30 Oct 2017 20:01
 Operator : SJ/JU
 Sample : I5842-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB8

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-BG101417.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	3.547	40	44	51	rVB3	15709	25485	1.24%	0.108%
2	3.982	114	118	121	rVB5	3240	3586	0.17%	0.015%
3	4.081	130	135	142	rVB3	9349	12970	0.63%	0.055%
4	4.146	144	146	152	rVB6	3111	3685	0.18%	0.016%
5	4.875	265	270	278	rBV8	2694	5143	0.25%	0.022%
6	5.239	326	332	342	rVB2	22104	37749	1.83%	0.161%
7	5.327	342	347	352	rVB6	2466	3926	0.19%	0.017%
8	6.238	496	502	504	rVB3	2064	3820	0.19%	0.016%
9	7.013	632	634	640	rBV2	1747	3599	0.17%	0.015%
10	7.178	652	662	665	rBV6	1952	5918	0.29%	0.025%
11	7.313	672	685	701	rBV2	213495	448693	21.78%	1.910%
12	7.477	702	713	723	rVV	198806	314546	15.27%	1.339%
13	7.689	741	749	758	rBV	228124	394797	19.16%	1.680%
14	8.159	820	829	843	rBB	239570	417569	20.27%	1.777%
15	8.858	940	948	960	rBV	184516	331747	16.10%	1.412%
16	8.987	966	970	974	rVB5	2868	4511	0.22%	0.019%
17	9.322	1016	1027	1041	rBV	234240	426539	20.70%	1.815%
18	9.481	1051	1054	1062	rVB6	2419	3525	0.17%	0.015%
19	9.728	1091	1096	1101	rBV2	6461	9581	0.46%	0.041%
20	10.051	1139	1151	1163	rBV	209672	386953	18.78%	1.647%
21	10.591	1235	1243	1257	rBV	332067	610295	29.62%	2.597%
22	10.973	1299	1308	1318	rVB	384437	687445	33.36%	2.926%
23	11.103	1318	1330	1350	rVV	215716	412393	20.01%	1.755%
24	11.931	1464	1471	1478	rVV6	1391	4050	0.20%	0.017%
25	12.272	1522	1529	1542	rVV	53903	92714	4.50%	0.395%
26	12.442	1550	1558	1562	rVV6	2896	6561	0.32%	0.028%
27	12.542	1569	1575	1584	rBV4	6868	12801	0.62%	0.054%
28	13.300	1698	1704	1707	rVB3	3105	4095	0.20%	0.017%
29	13.376	1707	1717	1728	rBV7	3533	10624	0.52%	0.045%
30	13.594	1749	1754	1759	rVB6	2513	4384	0.21%	0.019%
31	13.664	1759	1766	1771	rVV5	2547	4928	0.24%	0.021%
32	14.105	1834	1841	1845	rVB6	4977	6409	0.31%	0.027%
33	14.170	1845	1852	1857	rBV	691236	1013405	49.18%	4.313%
34	14.217	1857	1860	1869	rVV	52513	73360	3.56%	0.312%

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35	14.469	1895	1903	1914	rVV	815082	1277945	62.02%	5.439%
36	14.651	1929	1934	1941	rBV4	3211	5768	0.28%	0.025%
37	14.775	1947	1955	1966	rBV2	667413	1062961	51.59%	4.524%
38	14.963	1979	1987	2004	rBV	193889	383184	18.60%	1.631%
39	15.110	2008	2012	2017	rVV7	6036	9590	0.47%	0.041%
40	15.174	2017	2023	2030	rVB9	12586	20573	1.00%	0.088%
41	15.409	2057	2063	2069	rVB7	3251	6249	0.30%	0.027%
42	15.544	2082	2086	2088	rBV3	2493	3568	0.17%	0.015%
43	15.603	2093	2096	2103	rVB4	3843	6032	0.29%	0.026%
44	15.762	2115	2123	2136	rBV	1067642	1619305	78.59%	6.892%
45	15.879	2136	2143	2158	rBV	228335	383014	18.59%	1.630%
46	16.003	2158	2164	2170	rVV2	14745	24214	1.18%	0.103%
47	16.120	2174	2184	2200	rVB	308443	460510	22.35%	1.960%
48	16.249	2200	2206	2209	rBV7	1843	4033	0.20%	0.017%
49	16.461	2232	2242	2248	rBV9	5162	9182	0.45%	0.039%
50	16.537	2251	2255	2260	rVB5	4052	5897	0.29%	0.025%
51	16.637	2269	2272	2278	rVB7	3777	6733	0.33%	0.029%
52	16.702	2278	2283	2286	rBV5	2215	4168	0.20%	0.018%
53	16.890	2309	2315	2317	rBV6	3659	5702	0.28%	0.024%
54	16.960	2323	2327	2334	rVB9	2027	5799	0.28%	0.025%
55	17.043	2336	2341	2347	rBV2	17025	27569	1.34%	0.117%
56	17.248	2372	2376	2380	rVB5	4071	6491	0.32%	0.028%
57	17.301	2380	2385	2389	rBV6	5134	7985	0.39%	0.034%
58	17.395	2396	2401	2408	rBV10	4857	11920	0.58%	0.051%
59	17.513	2408	2421	2431	rBV2	865618	1354335	65.73%	5.764%
60	17.613	2432	2438	2446	rVB	1113922	1654398	80.29%	7.041%
61	17.689	2448	2451	2456	rVB7	5498	6209	0.30%	0.026%
62	17.877	2481	2483	2487	rVV4	3425	5363	0.26%	0.023%
63	17.959	2493	2497	2499	rBV4	3383	4846	0.24%	0.021%
64	17.994	2499	2503	2507	rBV6	4609	7624	0.37%	0.032%
65	18.171	2529	2533	2536	rBV4	4062	5931	0.29%	0.025%
66	18.235	2540	2544	2546	rBV4	3860	3967	0.19%	0.017%
67	18.306	2553	2556	2559	rVB4	3059	3802	0.18%	0.016%
68	18.382	2563	2569	2577	rBV2	52906	99343	4.82%	0.423%
69	18.447	2579	2580	2589	rVB8	8579	16048	0.78%	0.068%
70	18.594	2600	2605	2617	rVB8	5801	18464	0.90%	0.079%
71	18.764	2625	2634	2644	rBV	32694	79433	3.86%	0.338%

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72	18.841	2644	2647	2649	rBV4	10338	9613	0.47%	0.041%
73	18.888	2652	2655	2658	rBV5	9599	15910	0.77%	0.068%
74	18.923	2658	2661	2667	rVB8	13361	16091	0.78%	0.068%
75	19.222	2711	2712	2718	rVB6	5083	8712	0.42%	0.037%
76	19.299	2722	2725	2729	rVB5	6865	7910	0.38%	0.034%
77	19.340	2731	2732	2735	rBV3	3472	3839	0.19%	0.016%
78	19.405	2740	2743	2744	rBV3	4821	4873	0.24%	0.021%
79	19.522	2759	2763	2766	rBV2	22577	32233	1.56%	0.137%
80	19.557	2766	2769	2773	rVB	26500	35046	1.70%	0.149%
81	19.645	2781	2784	2787	rBV5	9413	14325	0.70%	0.061%
82	19.787	2799	2808	2812	rBV3	21546	50191	2.44%	0.214%
83	19.892	2819	2826	2835	rBV	1330462	2060496	100.00%	8.770%
84	20.074	2851	2857	2858	rBV6	13408	23608	1.15%	0.100%
85	20.321	2895	2899	2903	rVB4	31275	39021	1.89%	0.166%
86	20.368	2904	2907	2910	rBV5	9421	12399	0.60%	0.053%
87	20.509	2924	2931	2937	rVB7	23186	61025	2.96%	0.260%
88	20.709	2962	2965	2967	rBV4	16711	18916	0.92%	0.081%
89	21.402	3078	3083	3093	rBV2	105702	189595	9.20%	0.807%
90	21.790	3141	3149	3164	rVB	935050	1570761	76.23%	6.685%
91	22.172	3212	3214	3217	rBV4	10416	13634	0.66%	0.058%
92	22.595	3281	3286	3295	rBV7	26383	88051	4.27%	0.375%
93	24.134	3542	3548	3557	rVB3	72069	152243	7.39%	0.648%
94	24.875	3664	3674	3690	rVB2	678344	2028354	98.44%	8.633%
95	25.104	3702	3713	3735	rVB2	554965	1727647	83.85%	7.353%
96	26.279	3904	3913	3925	rVB2	97288	324640	15.76%	1.382%
97	26.396	3931	3933	3938	rBV6	8092	12324	0.60%	0.052%
98	27.689	4144	4153	4168	rVB6	51291	188644	9.16%	0.803%
99	29.393	4432	4443	4460	rVB7	47366	223712	10.86%	0.952%
100	31.432	4782	4790	4811	rVB8	31584	156368	7.59%	0.666%

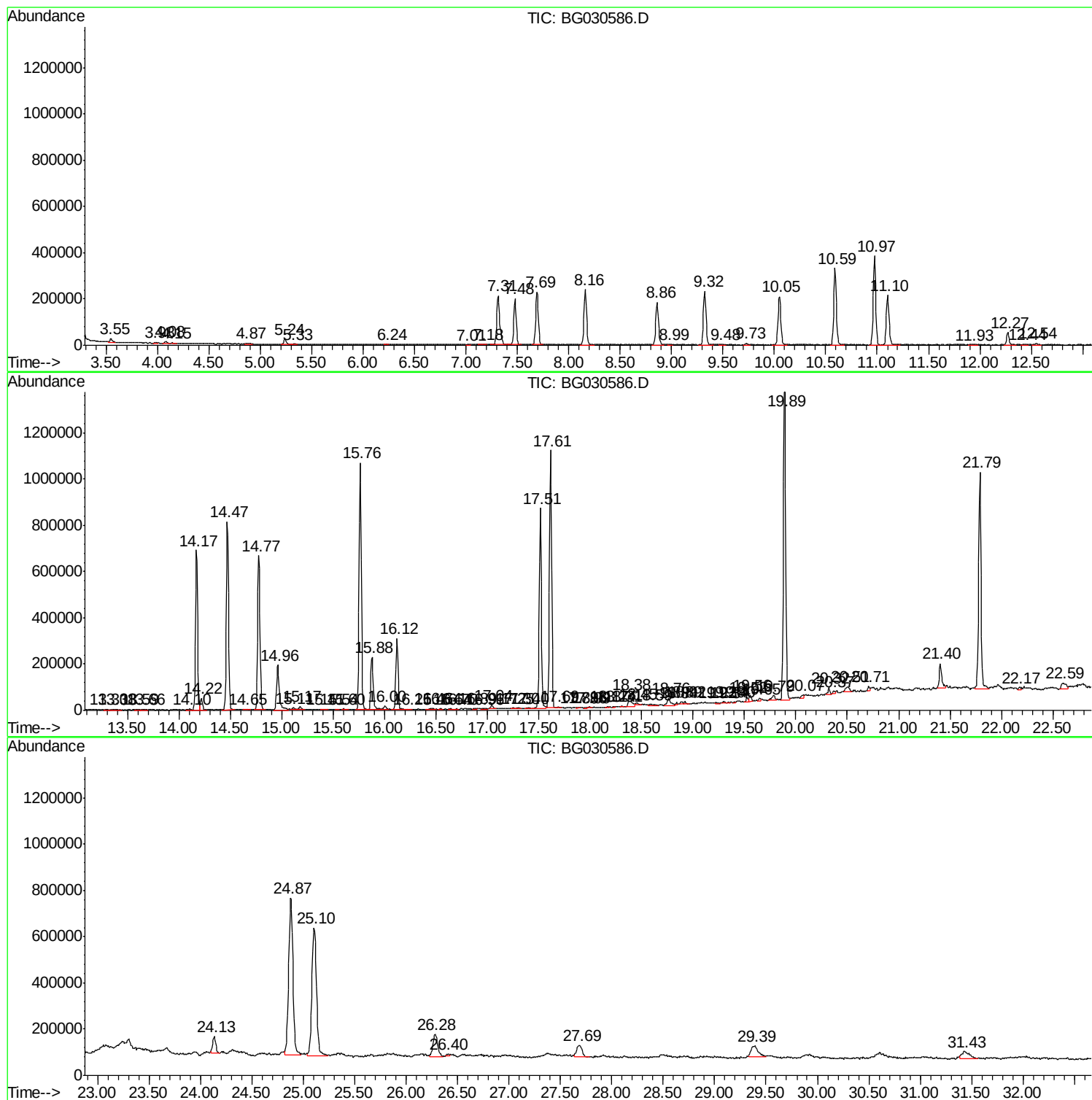
Sum of corrected areas: 23496142

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



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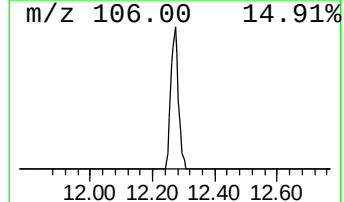
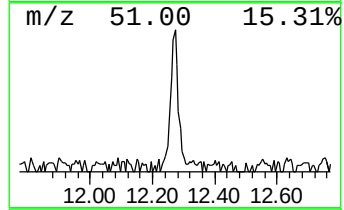
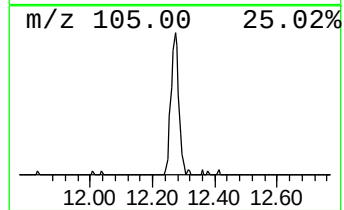
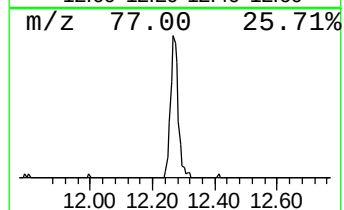
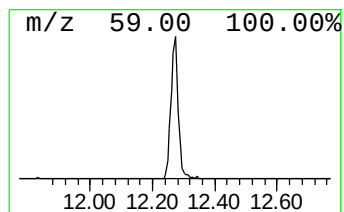
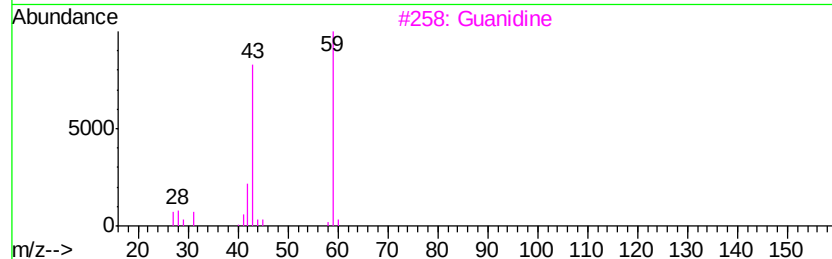
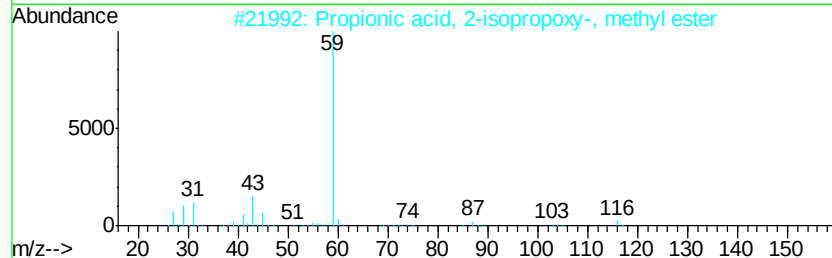
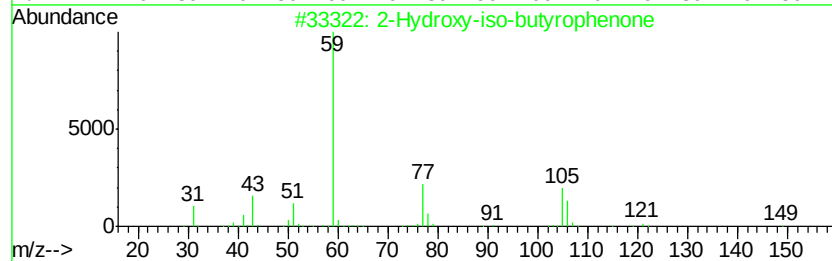
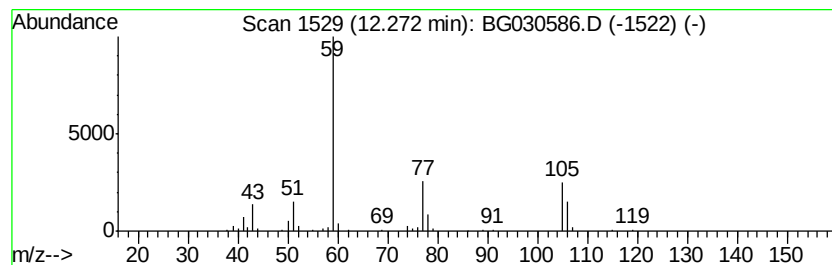
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Hydroxy-iso-butyrophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.70 ng/ul	92714	Napthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2		Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23
3		Guanidine	59	CH5N3	000113-00-8	9
4		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9
5		Propane, 2-methoxy-	74	C4H10O	000598-53-8	9



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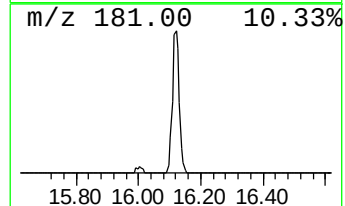
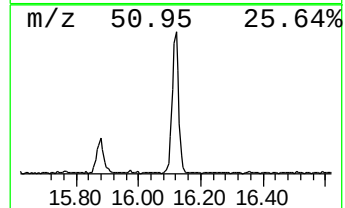
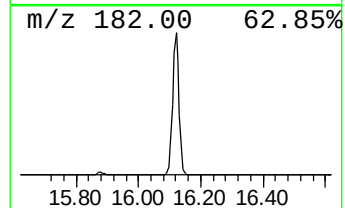
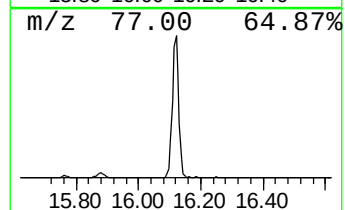
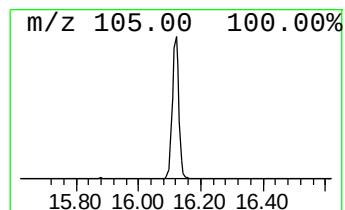
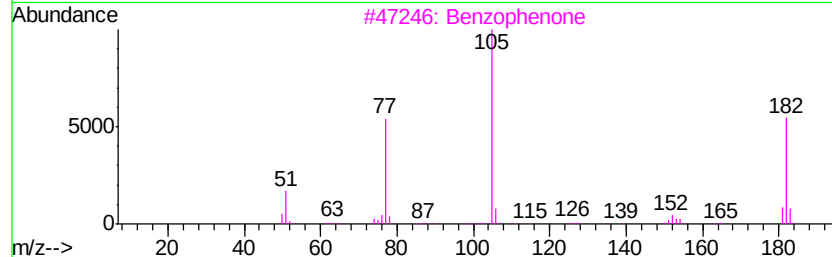
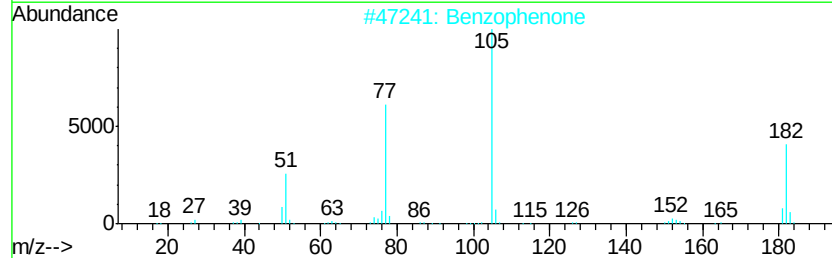
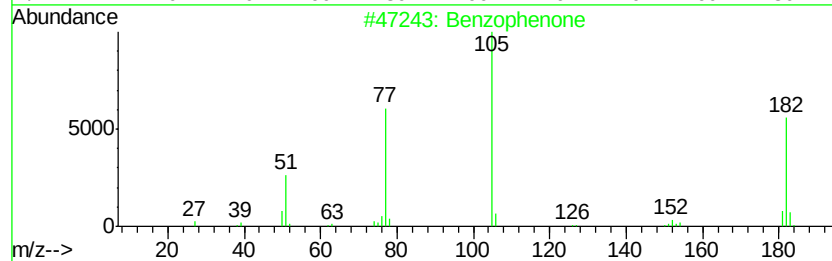
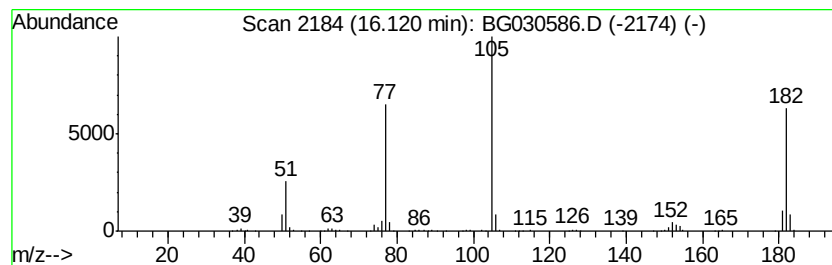
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	8.66 ng/ul	460510	Acenaphthene-d10	14.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	96
2	Benzophenone		182	C13H10O	000119-61-9	95
3	Benzophenone		182	C13H10O	000119-61-9	95
4	Benzophenone		182	C13H10O	000119-61-9	91
5	Benzoic acid, (4-pyridylmethylen...		225	C13H11N3O	001507-93-3	43



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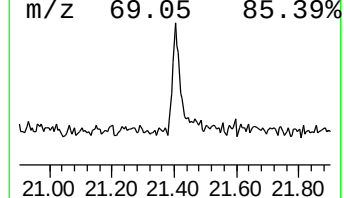
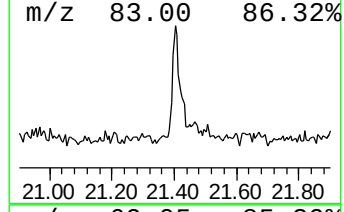
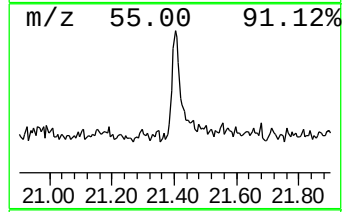
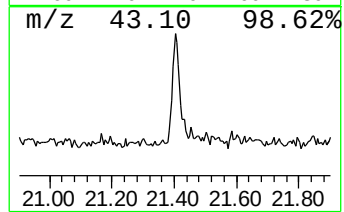
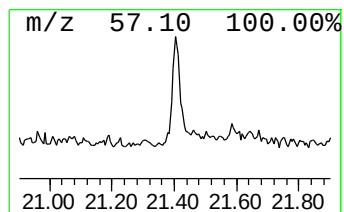
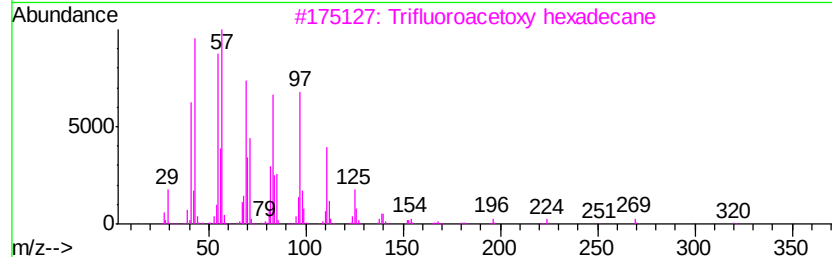
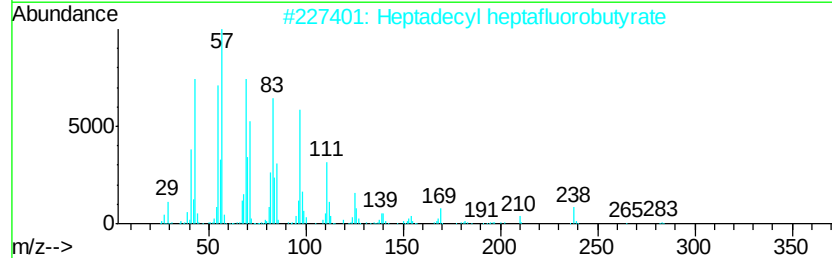
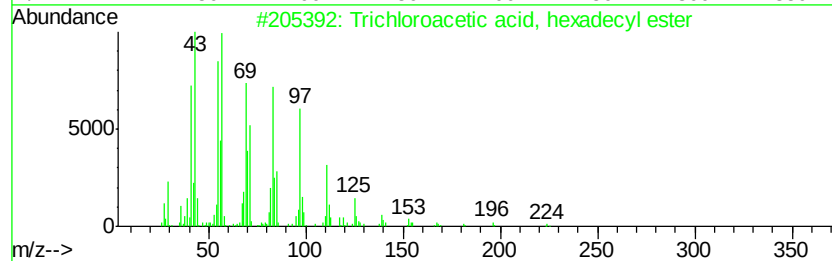
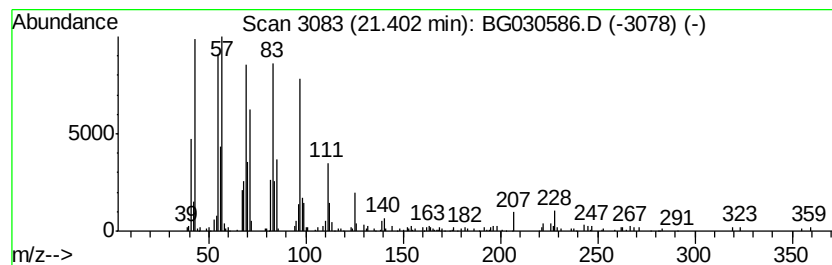
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.40	2.41 ng/ul	189595	Chrysene-d12	21.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90



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Acq On : 30 Oct 2017 20:01
Operator : SJ/JU
Sample : I5842-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

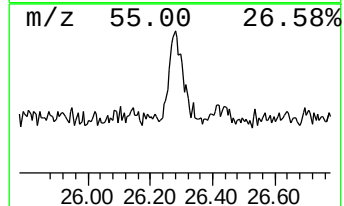
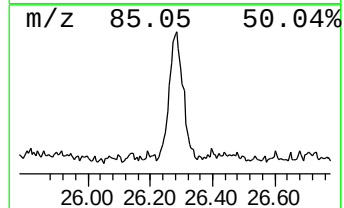
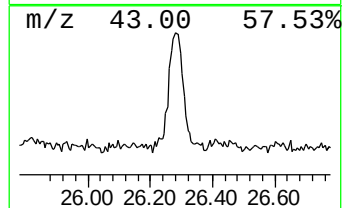
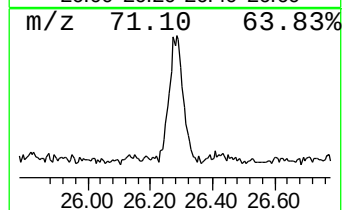
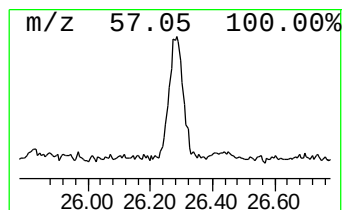
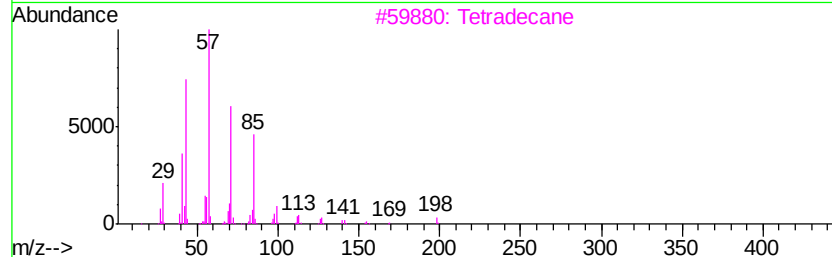
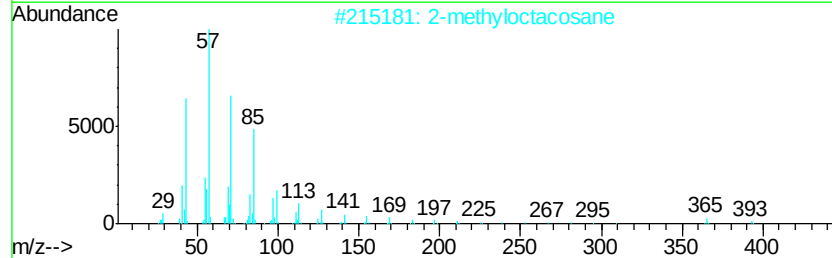
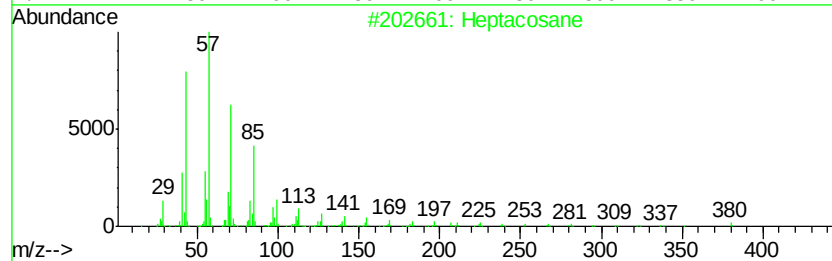
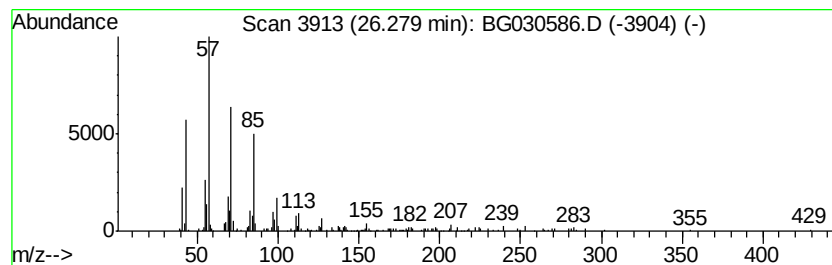
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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.
26.28	3.76 ng/ul	324640	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Tetradecane	198	C14H30	000629-59-4	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptadecane	240	C17H36	000629-78-7	87



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Data File : BG030586.D
Acq On : 30 Oct 2017 20:01
Operator : SJ/JU
Sample : I5842-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

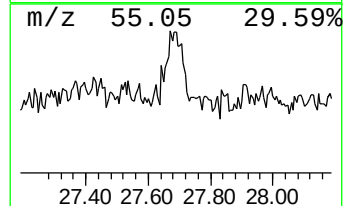
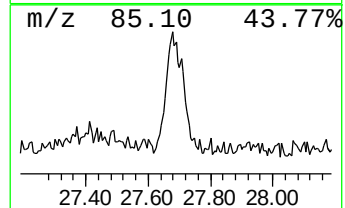
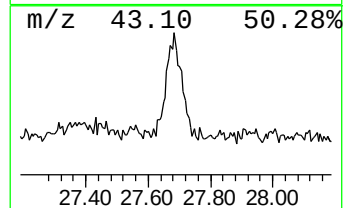
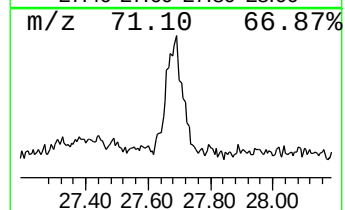
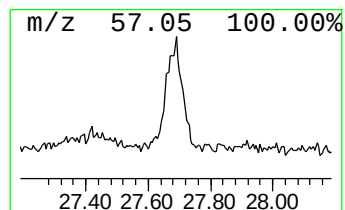
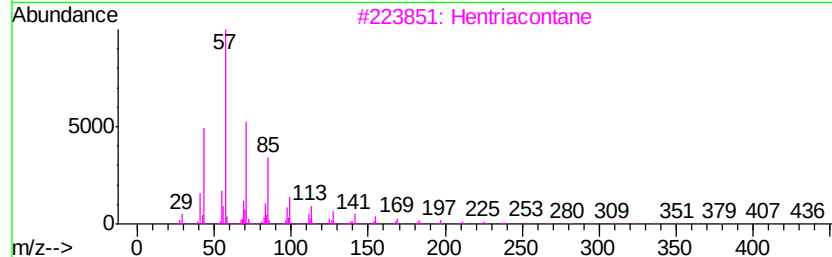
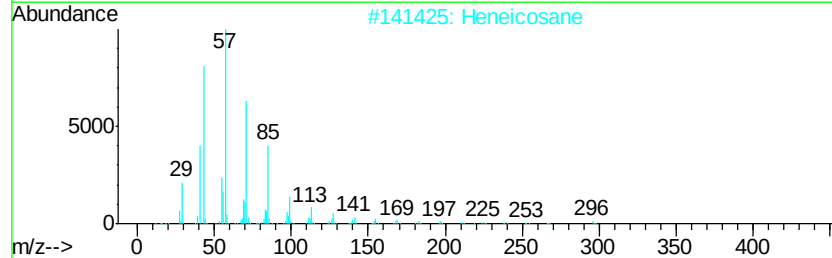
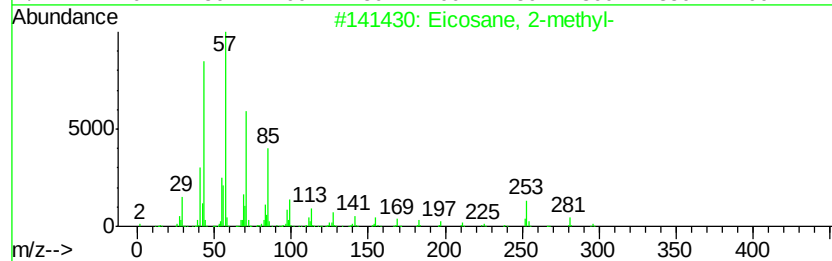
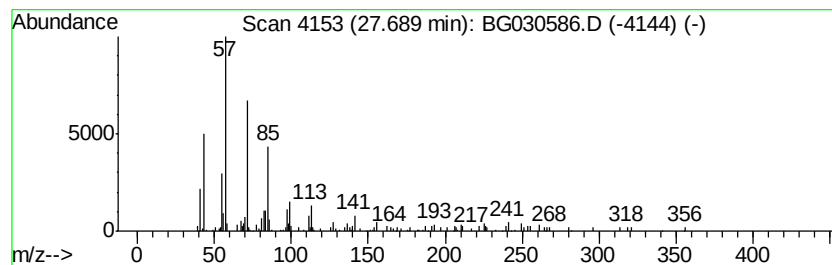
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.69	2.18 ng/ul	188644	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hentriacontane	437	C31H64	000630-04-6	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Nonadecane, 3-methyl-	282	C20H42	006418-45-7	86



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

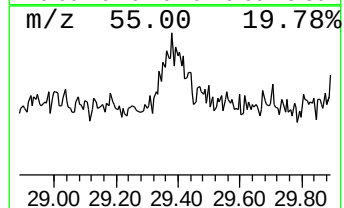
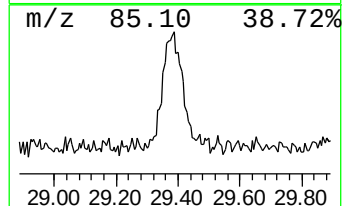
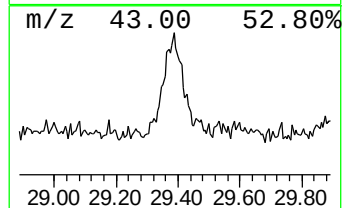
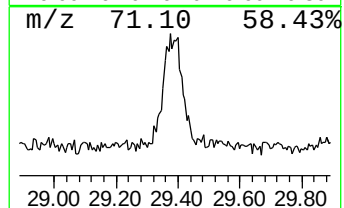
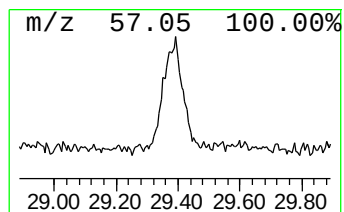
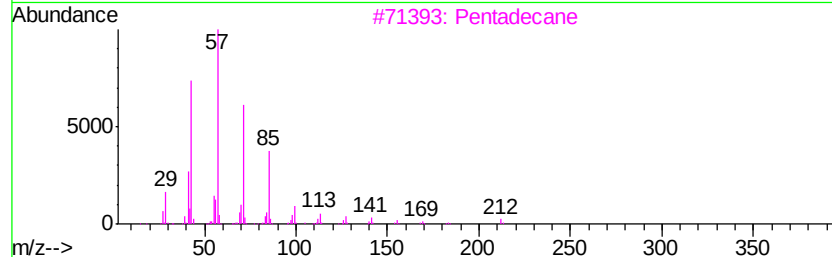
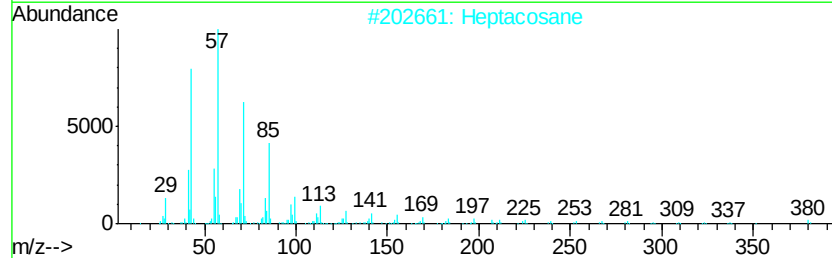
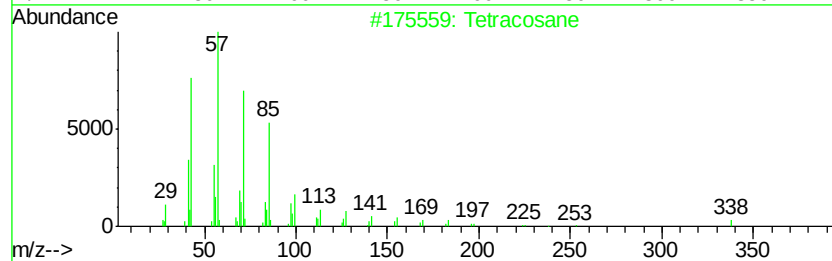
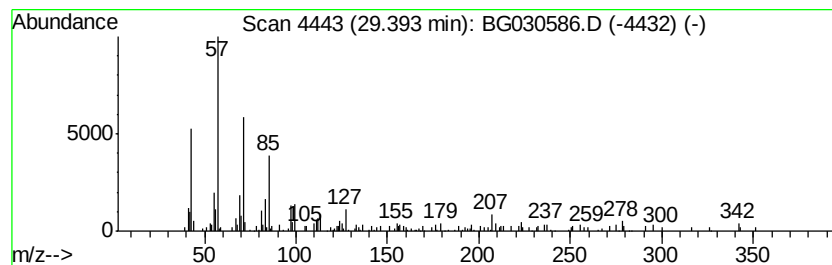
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.39	2.59 ng/ul	223712	Perylene-d12	25.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	83
2		Heptacosane	380	C27H56	000593-49-7	83
3		Pentadecane	212	C15H32	000629-62-9	76
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
5		2-methylhexacosane	380	C27H56	1000376-72-7	72



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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
2-Hydroxy-iso-but...	12.27	2.7	ng/ul	92714	2	10.97	687445	20.0
Benzophenone	16.12	8.7	ng/ul	460510	3	14.77	1062960	20.0
Trichloroacetic a...	21.40	2.4	ng/ul	189595	5	21.79	1570760	20.0
(DEL) Alkane: Str...	26.28	3.8	ng/ul	324640	6	25.10	1727650	20.0
(DEL) Alkane: Str...	27.69	2.2	ng/ul	188644	6	25.10	1727650	20.0
(DEL) Alkane: Str...	29.39	2.6	ng/ul	223712	6	25.10	1727650	20.0