

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001081.D
 Acq On : 21 Apr 2015 00:24
 Operator : TP/IZ
 Sample : G1873-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.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	2.775	11	15	23	rVB	722947	914231	24.85%	2.118%
2	3.187	81	85	87	rVB5	6822	6599	0.18%	0.015%
3	4.416	292	294	299	rVB4	4115	4106	0.11%	0.010%
4	4.675	334	338	339	rBV3	3402	4304	0.12%	0.010%
5	5.199	424	427	430	rBV3	3314	5148	0.14%	0.012%
6	5.652	499	504	506	rBV5	7054	10625	0.29%	0.025%
7	5.793	524	528	531	rBV6	5638	9280	0.25%	0.022%
8	6.752	686	691	702	rVB2	210848	394136	10.71%	0.913%
9	6.910	710	718	725	rBV	539408	823350	22.38%	1.908%
10	7.005	732	734	737	rVB4	5711	5080	0.14%	0.012%
11	7.104	744	751	760	rVV	626159	954885	25.96%	2.213%
12	7.199	760	767	775	rVB	30089	52348	1.42%	0.121%
13	7.569	823	830	838	rVB	850634	1329900	36.15%	3.082%
14	7.628	838	840	841	rBV2	4691	4285	0.12%	0.010%
15	7.699	849	852	858	rVB6	4515	7386	0.20%	0.017%
16	7.793	862	868	875	rVV7	7183	12343	0.34%	0.029%
17	8.040	907	910	914	rBV3	3883	5966	0.16%	0.014%
18	8.110	916	922	925	rVV5	3680	5971	0.16%	0.014%
19	8.240	939	944	946	rBV5	6159	9653	0.26%	0.022%
20	8.287	946	952	961	rVV	493981	784535	21.33%	1.818%
21	8.599	999	1005	1007	rBV5	3072	4603	0.13%	0.011%
22	8.728	1019	1027	1034	rBV	639859	1018295	27.68%	2.360%
23	8.793	1037	1038	1042	rVB4	3669	4435	0.12%	0.010%
24	9.151	1095	1099	1101	rBV5	5356	6192	0.17%	0.014%
25	9.446	1142	1149	1157	rBV	517265	827653	22.50%	1.918%
26	9.981	1234	1240	1252	rBV	739068	1205529	32.77%	2.793%
27	10.063	1252	1254	1259	rVV6	3821	4256	0.12%	0.010%
28	10.151	1263	1269	1272	rVB6	4433	7226	0.20%	0.017%
29	10.357	1297	1304	1312	rVB	1099440	1827544	49.68%	4.235%
30	10.469	1319	1323	1324	rBV4	3694	4534	0.12%	0.011%
31	10.498	1324	1328	1336	rVV2	51127	91027	2.47%	0.211%
32	10.551	1336	1337	1341	rVB4	4921	4790	0.13%	0.011%
33	10.998	1409	1413	1420	rVB6	4575	7886	0.21%	0.018%
34	11.281	1460	1461	1466	rBV5	3035	4045	0.11%	0.009%

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35	11.681	1523	1529	1536	rVB	74331	113645	3.09%	0.263%
36	11.951	1570	1575	1582	rVB3	16375	29036	0.79%	0.067%
37	12.575	1676	1681	1685	rBV6	11045	16895	0.46%	0.039%
38	12.834	1720	1725	1732	rVB5	21542	37975	1.03%	0.088%
39	12.898	1735	1736	1741	rVV4	3958	4163	0.11%	0.010%
40	13.057	1759	1763	1767	rVB5	4361	4433	0.12%	0.010%
41	13.645	1857	1863	1868	rBV	1310223	1814131	49.31%	4.204%
42	13.692	1868	1871	1877	rVB	115805	155913	4.24%	0.361%
43	13.922	1900	1910	1919	rBV	1547201	2229157	60.59%	5.165%
44	14.010	1921	1925	1928	rVV5	9016	17712	0.48%	0.041%
45	14.069	1928	1935	1944	rVV3	38973	109126	2.97%	0.253%
46	14.139	1944	1947	1953	rVV7	16408	31584	0.86%	0.073%
47	14.233	1956	1963	1971	rVV2	1510756	2238437	60.84%	5.187%
48	14.322	1975	1978	1981	rVB5	3474	4947	0.13%	0.011%
49	14.451	1993	2000	2007	rBV	158422	252090	6.85%	0.584%
50	14.669	2033	2037	2039	rBV5	10907	14363	0.39%	0.033%
51	14.710	2042	2044	2052	rVB5	3872	8120	0.22%	0.019%
52	14.986	2083	2091	2097	rBV	173518	232734	6.33%	0.539%
53	15.069	2102	2105	2107	rVV2	11771	12977	0.35%	0.030%
54	15.092	2107	2109	2112	rVB2	5669	6094	0.17%	0.014%
55	15.233	2126	2133	2140	rBV	1953311	2795846	76.00%	6.479%
56	15.357	2149	2154	2166	rBV	661790	921797	25.06%	2.136%
57	15.469	2169	2173	2178	rVV3	26245	40017	1.09%	0.093%
58	15.604	2188	2196	2202	rBV	220937	327847	8.91%	0.760%
59	15.727	2216	2217	2223	rVB5	5127	5898	0.16%	0.014%
60	15.786	2223	2227	2233	rBV7	13700	19499	0.53%	0.045%
61	15.910	2246	2248	2249	rBV2	4939	4071	0.11%	0.009%
62	15.957	2255	2256	2261	rBV5	7363	7437	0.20%	0.017%
63	16.022	2263	2267	2268	rBV3	4986	6904	0.19%	0.016%
64	16.133	2284	2286	2289	rVB4	5483	5329	0.14%	0.012%
65	16.180	2291	2294	2298	rBV5	6690	10431	0.28%	0.024%
66	16.263	2305	2308	2310	rBV4	8059	9446	0.26%	0.022%
67	16.392	2324	2330	2338	rBV6	33469	62687	1.70%	0.145%
68	16.492	2346	2347	2351	rVB4	6842	6571	0.18%	0.015%
69	16.522	2351	2352	2354	rBV2	4898	4658	0.13%	0.011%
70	16.757	2387	2392	2397	rBV7	16592	33450	0.91%	0.078%
71	16.863	2407	2410	2412	rBV3	10163	11523	0.31%	0.027%

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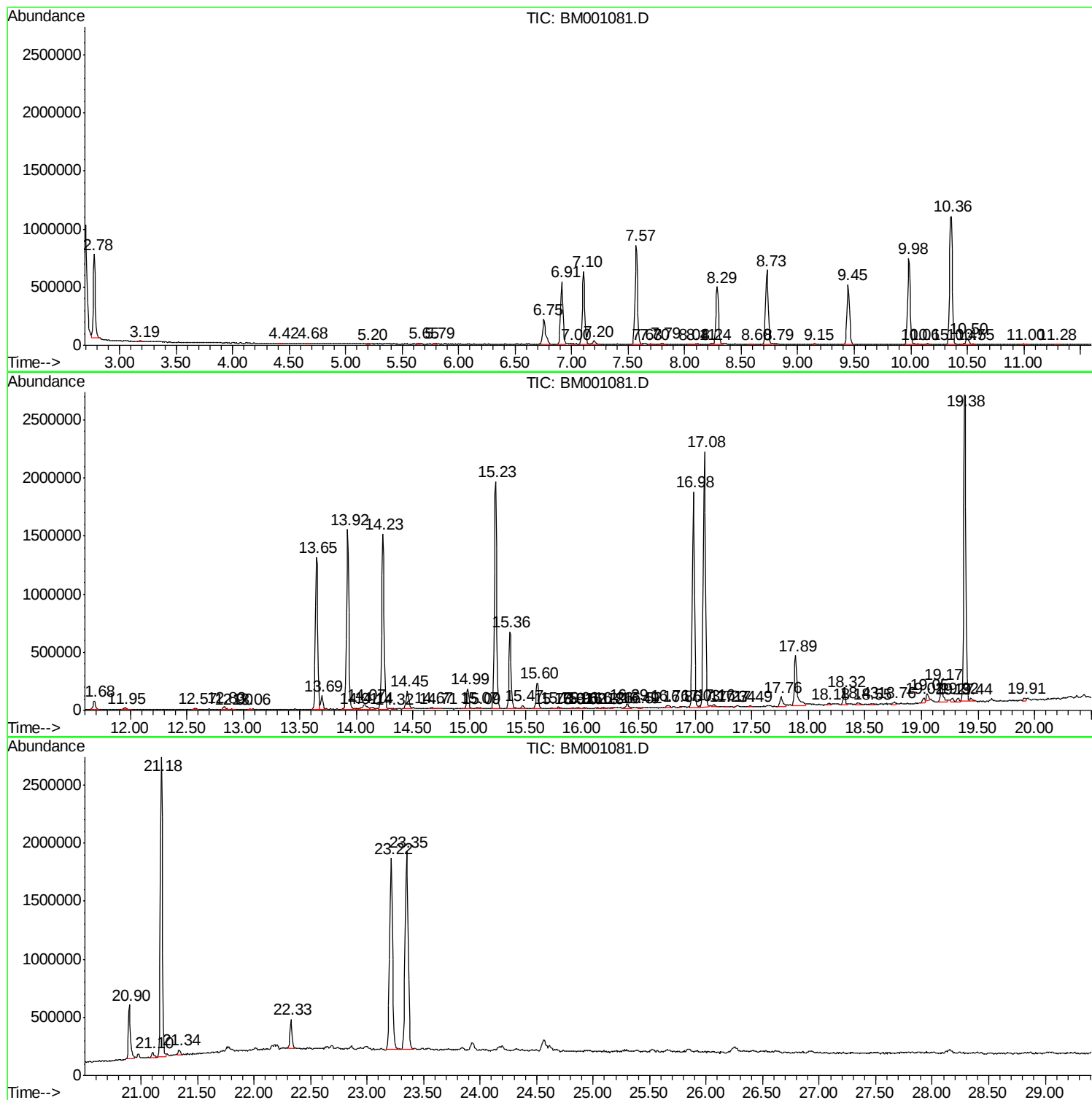
72	16.980	2424	2430	2437	rBV2	1856915	2566917	69.77%	5.948%
73	17.033	2437	2439	2441	rVV3	13990	15133	0.41%	0.035%
74	17.080	2441	2447	2455	rVV	2198715	3014556	81.94%	6.985%
75	17.163	2458	2461	2467	rVB7	20008	32993	0.90%	0.076%
76	17.274	2478	2480	2482	rBV2	4888	4136	0.11%	0.010%
77	17.345	2491	2492	2493	rBV	6206	4325	0.12%	0.010%
78	17.492	2513	2517	2519	rBV5	6268	8605	0.23%	0.020%
79	17.757	2557	2562	2569	rBV3	83175	141071	3.83%	0.327%
80	17.886	2578	2584	2599	rBV	428015	684449	18.60%	1.586%
81	18.180	2630	2634	2637	rBV6	16800	25044	0.68%	0.058%
82	18.316	2653	2657	2662	rBV	116124	135876	3.69%	0.315%
83	18.433	2673	2677	2683	rBV9	16745	34051	0.93%	0.079%
84	18.551	2695	2697	2703	rBV7	10672	19010	0.52%	0.044%
85	18.763	2728	2733	2735	rBV6	18578	28816	0.78%	0.067%
86	19.015	2773	2776	2779	rBV	39057	54635	1.49%	0.127%
87	19.051	2779	2782	2786	rVV3	54730	73262	1.99%	0.170%
88	19.174	2799	2803	2813	rBV2	155667	236756	6.44%	0.549%
89	19.274	2817	2820	2824	rVB2	27752	34776	0.95%	0.081%
90	19.321	2825	2828	2832	rBV3	31817	38238	1.04%	0.089%
91	19.380	2833	2838	2845	rVV	2635032	3678921	100.00%	8.525%
92	19.439	2845	2848	2853	rVB7	22385	33795	0.92%	0.078%
93	19.910	2925	2928	2931	rBV5	25583	41042	1.12%	0.095%
94	20.898	3092	3096	3104	rBV	464272	610830	16.60%	1.415%
95	21.104	3128	3131	3136	rBV3	46093	71091	1.93%	0.165%
96	21.180	3139	3144	3151	rBV	2574980	3107659	84.47%	7.201%
97	21.339	3168	3171	3175	rVB3	40576	52395	1.42%	0.121%
98	22.327	3335	3339	3344	rVB	248916	313834	8.53%	0.727%
99	23.215	3483	3490	3502	rVB2	1642719	3017848	82.03%	6.993%
100	23.351	3506	3513	3523	rVB	1702025	3106174	84.43%	7.198%

Sum of corrected areas: 43155327

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Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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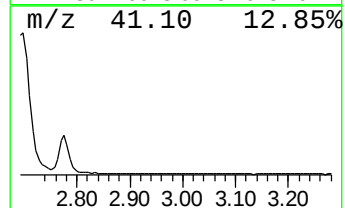
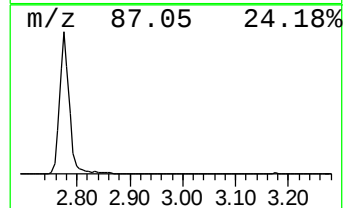
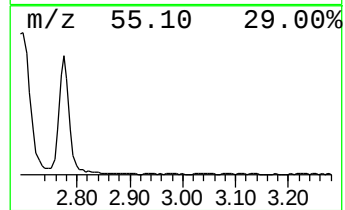
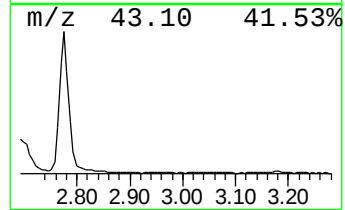
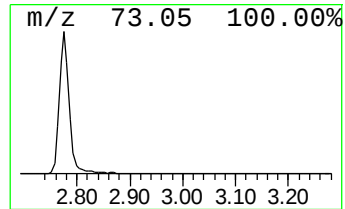
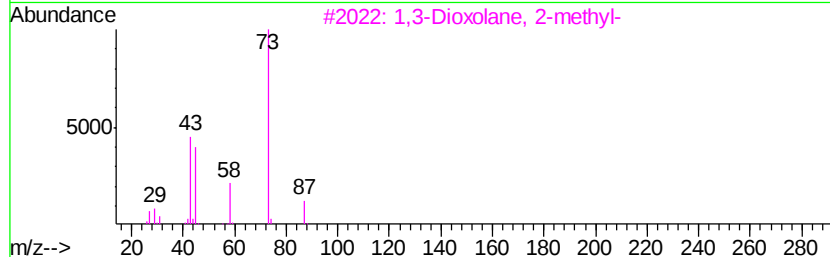
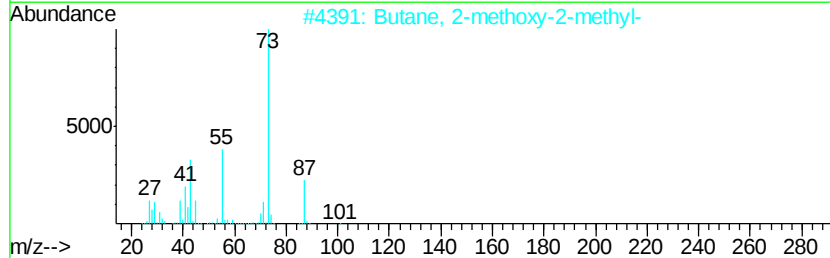
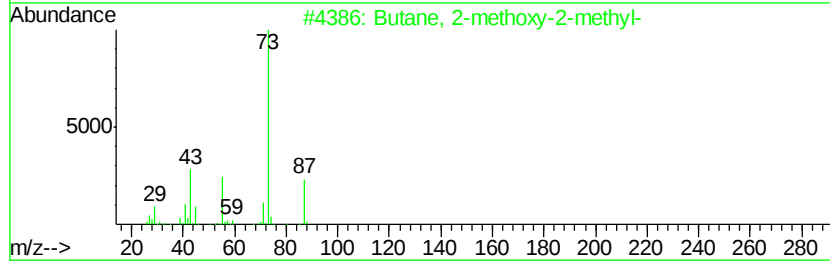
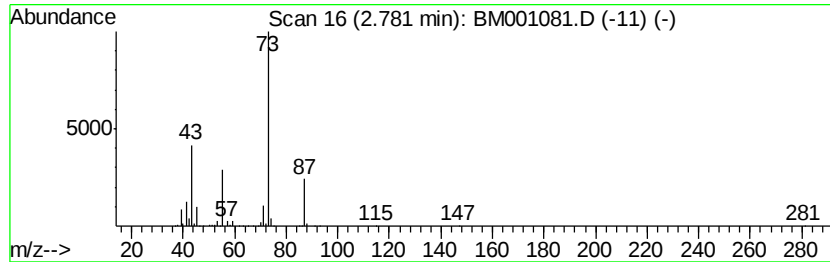
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	13.75 ng/ul	914231	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



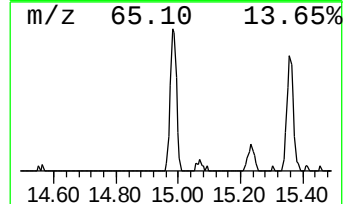
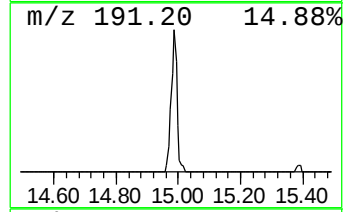
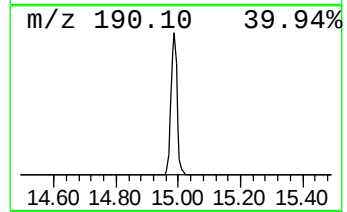
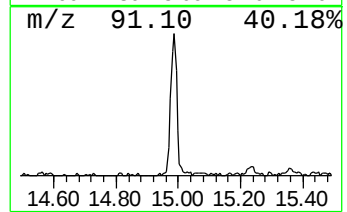
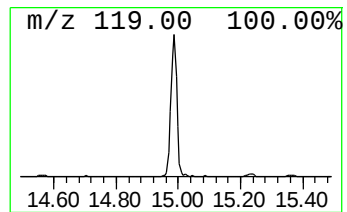
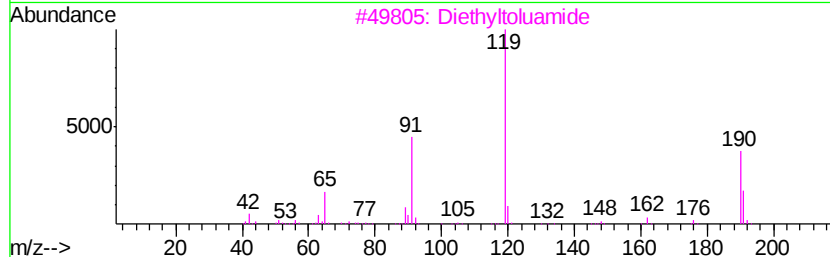
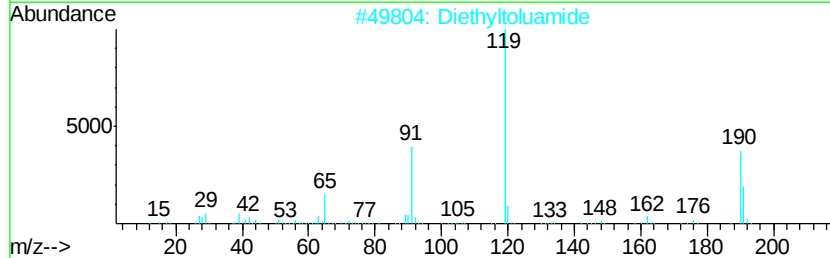
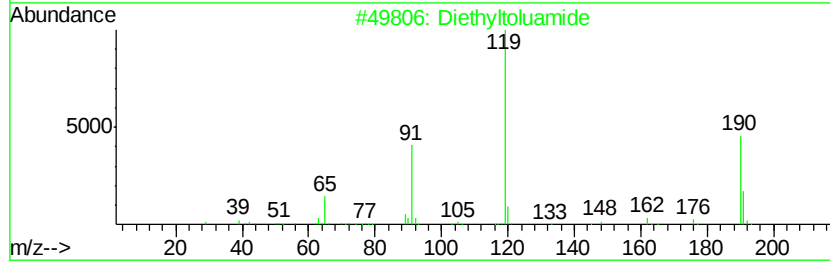
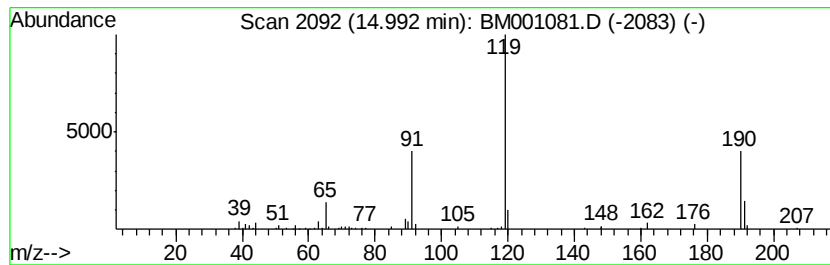
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	2.08 ng/ul	232734	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Diethyltoluamide	191	C12H17NO	000134-62-3	76
4	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	72
5	Benzamide, 3-methyl-N-[5-trifluo...	409	C18H14F7N02	339240-75-4	64



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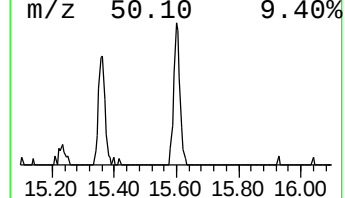
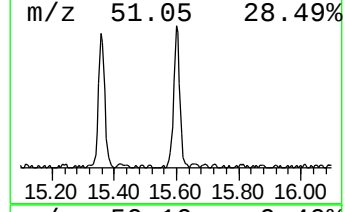
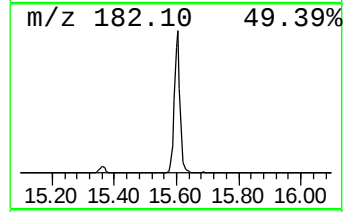
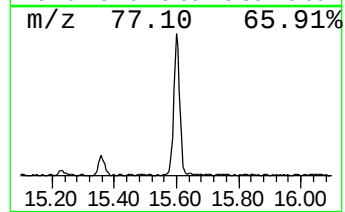
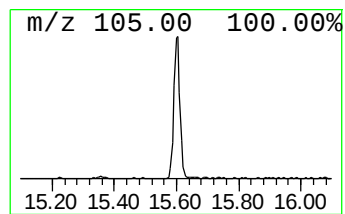
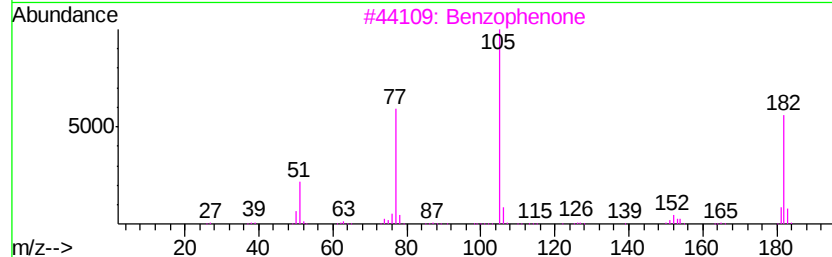
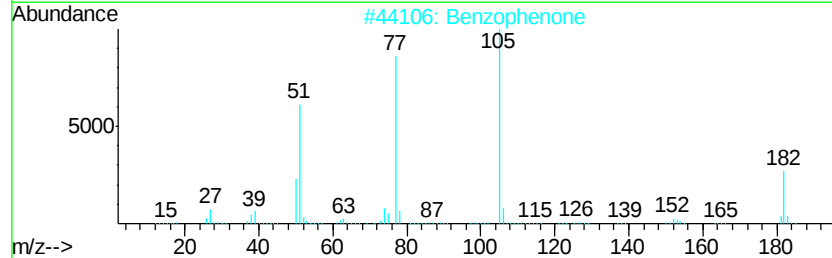
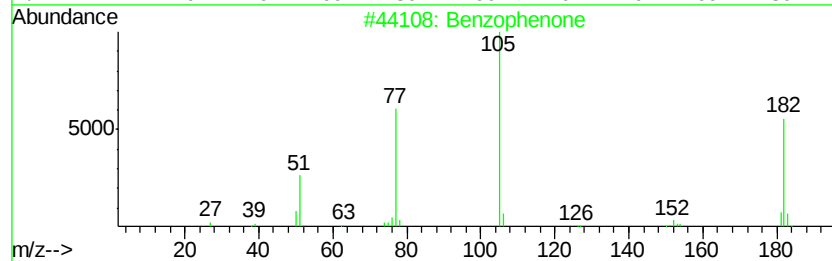
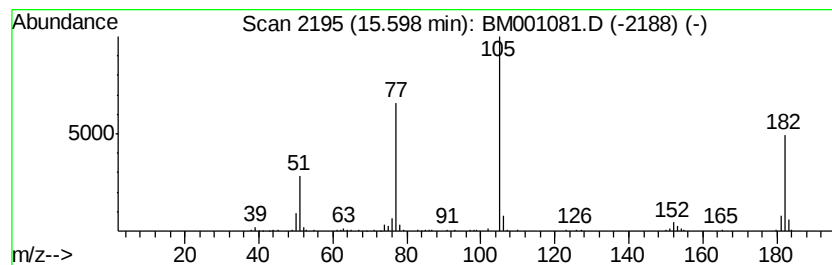
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.93 ng/ul	327847	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	95
5		Benzophenone	182	C13H10O	000119-61-9	95



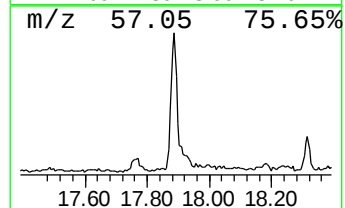
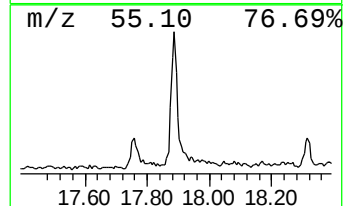
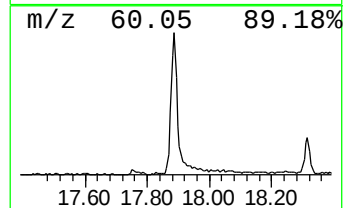
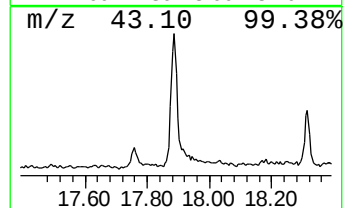
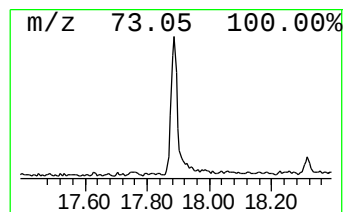
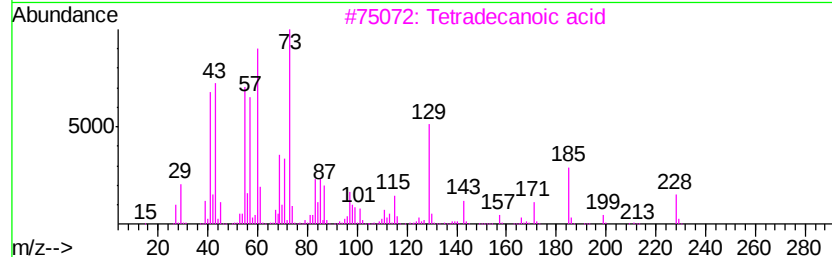
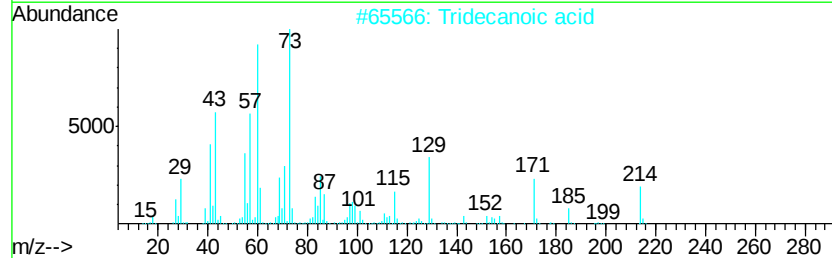
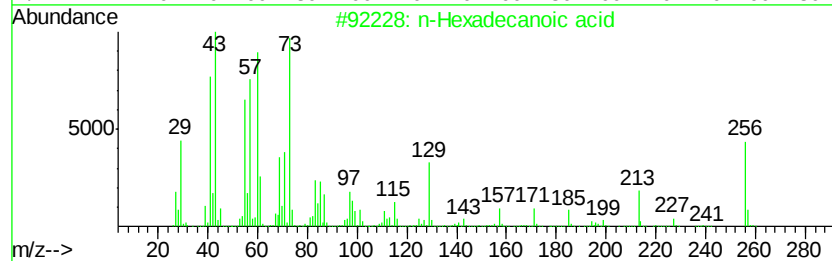
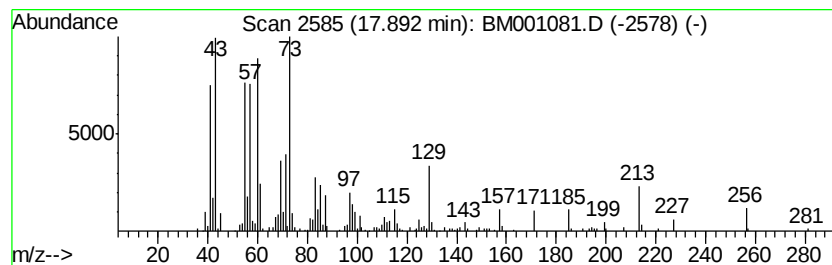
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Data File : BM001081.D
Acq On : 21 Apr 2015 00:24
Operator : TP/IZ
Sample : G1873-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	5.33 ng/ul	684449	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
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Acq On : 21 Apr 2015 00:24
Operator : TP/IZ
Sample : G1873-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

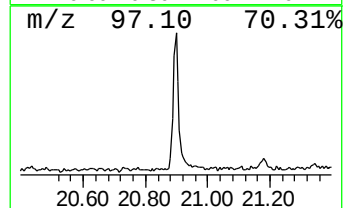
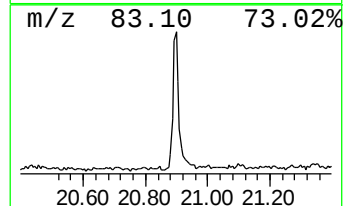
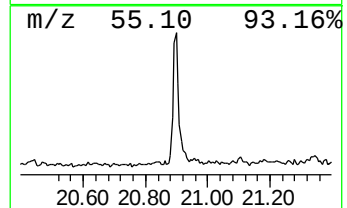
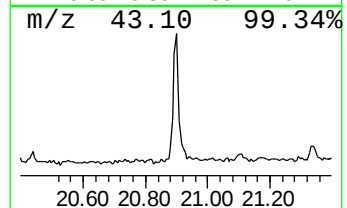
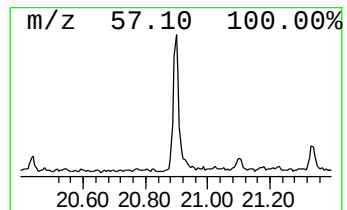
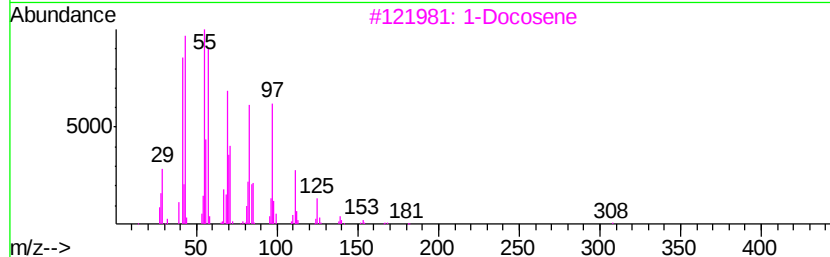
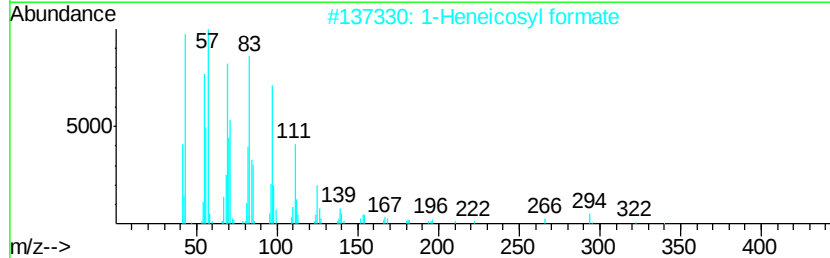
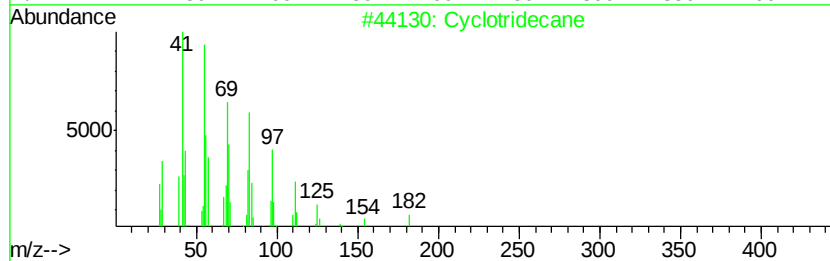
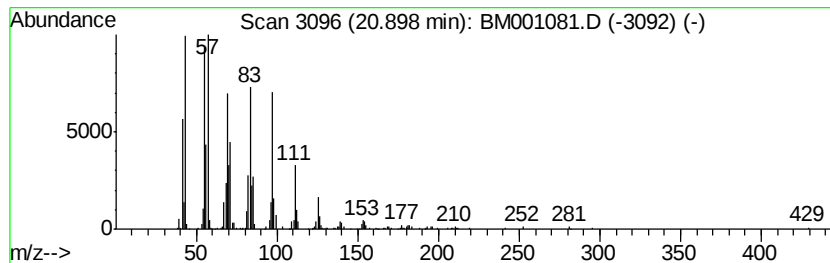
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chain Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.93 ng/ul	610830	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotridecane	182	C13H26	000295-02-3	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		1-Docosene	308	C22H44	001599-67-3	94
4		11-Tricosene	322	C23H46	052078-56-5	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



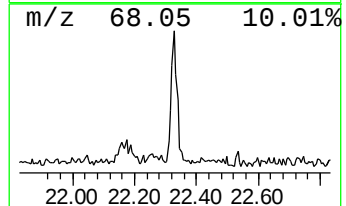
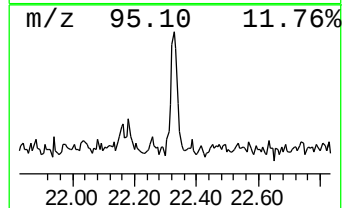
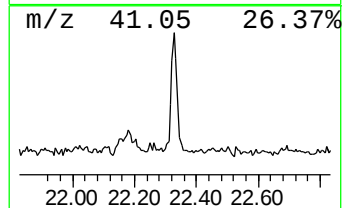
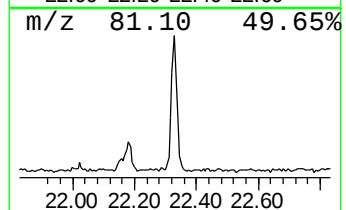
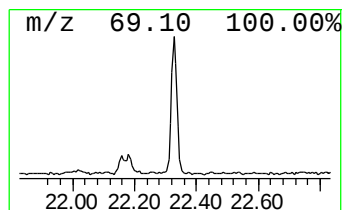
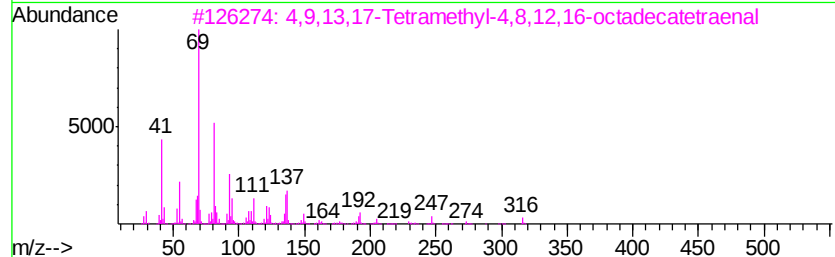
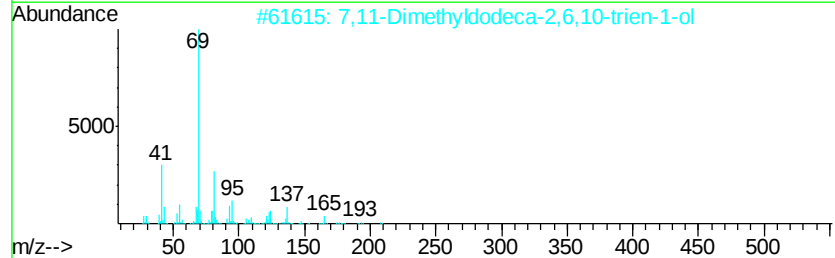
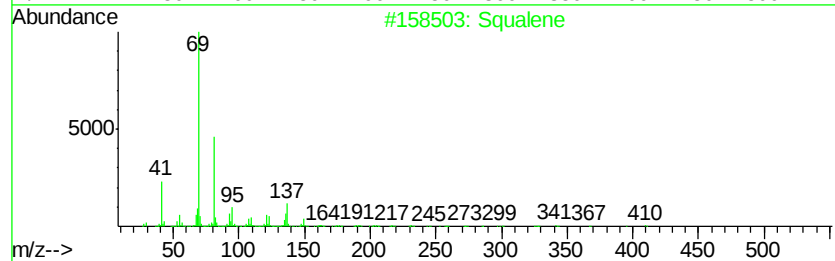
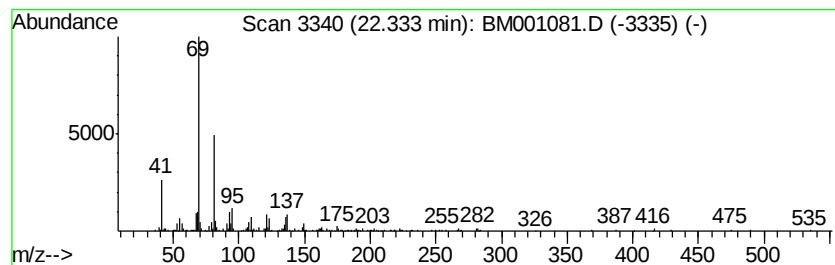
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
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Acq On : 21 Apr 2015 00:24
Operator : TP/IZ
Sample : G1873-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.02 ng/ul	313834	Perylene-d12	23.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 80
3	4,9,13,17-Tetramethyl-4,8,12,16-...		316 C22H36O	056882-09-8 78
4	4,8,12-Tetradecatrienal, 5,9,13-...		248 C17H28O	066408-55-7 72
5	2,6,10,14-Hexadecatetraenoic aci...		332 C22H36O2	024035-35-6 72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001081.D
Acq On : 21 Apr 2015 00:24
Operator : TP/IZ
Sample : G1873-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.78	13.8	ng/ul	914231	1	7.57	1329900	20.0
Diethyltoluamide	14.99	2.1	ng/ul	232734	3	14.23	2238440	20.0
Benzophenone	15.60	2.9	ng/ul	327847	3	14.23	2238440	20.0
n-Hexadecanoic acid	17.89	5.3	ng/ul	684449	4	16.98	2566920	20.0
(DEL) Alkane: Str...	20.90	3.9	ng/ul	610830	5	21.18	3107660	20.0
Squalene	22.33	2.0	ng/ul	313834	6	23.35	3106170	20.0