

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
 Data File : BM000243.D
 Acq On : 16 Jan 2015 21:33
 Operator : TP/IZ
 Sample : G1065-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AJ1

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-BM122914.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	12	15	19	rVB	22123	21775	0.61%	0.048%
2	2.851	26	28	34	rVB4	10832	10715	0.30%	0.024%
3	2.987	46	51	59	rBV	361713	578635	16.30%	1.283%
4	3.057	59	63	83	rVB	1420834	1759654	49.57%	3.902%
5	3.316	103	107	115	rVB2	44881	60840	1.71%	0.135%
6	3.451	128	130	131	rBV	6448	3937	0.11%	0.009%
7	3.710	172	174	179	rVB4	3128	4011	0.11%	0.009%
8	3.863	197	200	203	rVB4	5057	5997	0.17%	0.013%
9	4.393	288	290	294	rVB4	3940	4770	0.13%	0.011%
10	4.845	362	367	370	rBV5	3183	5489	0.15%	0.012%
11	4.951	380	385	392	rVV	212945	295181	8.32%	0.655%
12	5.545	482	486	488	rVB4	3838	3908	0.11%	0.009%
13	5.710	511	514	518	rVB5	3326	4076	0.11%	0.009%
14	6.051	566	572	577	rVB7	7394	17654	0.50%	0.039%
15	6.104	580	581	585	rBV4	3135	4311	0.12%	0.010%
16	6.481	643	645	649	rBV3	2881	4575	0.13%	0.010%
17	6.986	722	731	743	rBV	846510	1440841	40.59%	3.195%
18	7.092	745	749	751	rVV2	3141	4367	0.12%	0.010%
19	7.157	754	760	769	rVV	555049	871134	24.54%	1.932%
20	7.245	772	775	777	rVV3	4853	6218	0.18%	0.014%
21	7.357	787	794	803	rBV	802697	1255989	35.38%	2.785%
22	7.445	805	809	815	rVB	34994	50007	1.41%	0.111%
23	7.739	857	859	863	rBV3	2879	4706	0.13%	0.010%
24	7.828	867	874	881	rVV	500993	810732	22.84%	1.798%
25	7.881	881	883	887	rVB2	12355	15632	0.44%	0.035%
26	8.016	902	906	908	rVB4	3986	5086	0.14%	0.011%
27	8.051	908	912	913	rBV2	3735	4545	0.13%	0.010%
28	8.081	913	917	922	rVB3	2580	4305	0.12%	0.010%
29	8.522	982	992	1002	rBV	962646	1523406	42.91%	3.378%
30	8.980	1063	1070	1079	rBV	788910	1281605	36.10%	2.842%
31	9.398	1135	1141	1145	rVB3	9151	13148	0.37%	0.029%
32	9.698	1186	1192	1203	rBV	657919	1093978	30.82%	2.426%
33	10.233	1276	1283	1295	rBV	939061	1563986	44.06%	3.468%
34	10.616	1341	1348	1359	rBV	681088	1120614	31.57%	2.485%

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35	10.751	1363	1371	1381	rBV	840374	1429289	40.26%	3.169%
36	11.927	1566	1571	1578	rVB	48493	75517	2.13%	0.167%
37	12.204	1614	1618	1623	rVB3	14481	21951	0.62%	0.049%
38	12.810	1718	1721	1726	rBV4	3966	7451	0.21%	0.017%
39	13.057	1761	1763	1768	rVB4	3546	4918	0.14%	0.011%
40	13.280	1799	1801	1806	rVV5	3720	4943	0.14%	0.011%
41	13.674	1866	1868	1872	rVB4	3867	5230	0.15%	0.012%
42	13.868	1894	1901	1905	rBV	1667001	2261715	63.71%	5.015%
43	13.915	1905	1909	1917	rVB	169839	247802	6.98%	0.549%
44	14.057	1931	1933	1937	rVB2	3284	4355	0.12%	0.010%
45	14.151	1943	1949	1960	rBV	1580747	2399138	67.58%	5.320%
46	14.357	1980	1984	1988	rVB3	12455	13605	0.38%	0.030%
47	14.398	1988	1991	1995	rVB3	3590	4665	0.13%	0.010%
48	14.462	1995	2002	2012	rBV	979368	1460728	41.15%	3.239%
49	14.651	2026	2034	2046	rBV	716081	1145590	32.27%	2.540%
50	14.733	2046	2048	2052	rVB4	17826	18857	0.53%	0.042%
51	14.880	2069	2073	2075	rVB5	8066	9202	0.26%	0.020%
52	15.274	2132	2140	2143	rBV4	12824	23126	0.65%	0.051%
53	15.309	2143	2146	2151	rVB5	5660	7539	0.21%	0.017%
54	15.451	2164	2170	2180	rBV	2014074	2983585	84.05%	6.616%
55	15.568	2184	2190	2198	rBV	688691	971058	27.35%	2.153%
56	15.692	2205	2211	2216	rBV3	22623	33064	0.93%	0.073%
57	15.815	2227	2232	2237	rBV	114955	148785	4.19%	0.330%
58	15.851	2237	2238	2243	rVB	3675	3945	0.11%	0.009%
59	16.051	2269	2272	2274	rBV2	3104	4140	0.12%	0.009%
60	16.168	2289	2292	2295	rVV3	3640	4425	0.12%	0.010%
61	16.409	2331	2333	2336	rBV2	6129	4673	0.13%	0.010%
62	16.603	2362	2366	2367	rVV3	3985	5061	0.14%	0.011%
63	16.956	2424	2426	2429	rBV2	5054	4955	0.14%	0.011%
64	16.992	2429	2432	2436	rBV2	3593	6342	0.18%	0.014%
65	17.203	2462	2468	2475	rBV	1225292	1740947	49.04%	3.860%
66	17.303	2478	2485	2494	rVV2	2221566	3251433	91.59%	7.209%
67	17.574	2527	2531	2537	rBV4	13739	20663	0.58%	0.046%
68	17.698	2548	2552	2555	rBV3	4770	7994	0.23%	0.018%
69	17.962	2593	2597	2600	rBV6	6446	9655	0.27%	0.021%
70	18.092	2614	2619	2629	rVV2	301250	474408	13.36%	1.052%
71	18.162	2629	2631	2636	rVB2	14908	20465	0.58%	0.045%

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72	18.386	2666	2669	2673	rBV5	5842	8374	0.24%	0.019%
73	18.515	2689	2691	2693	rVB3	5536	3912	0.11%	0.009%
74	18.639	2707	2712	2715	rBV6	5598	11199	0.32%	0.025%
75	18.768	2730	2734	2735	rVB3	5122	5747	0.16%	0.013%
76	18.850	2746	2748	2749	rBV2	7650	6834	0.19%	0.015%
77	19.027	2774	2778	2780	rBV3	8311	10423	0.29%	0.023%
78	19.133	2795	2796	2799	rBV2	6861	4460	0.13%	0.010%
79	19.227	2809	2812	2821	rBV4	27127	57193	1.61%	0.127%
80	19.374	2832	2837	2848	rBV2	144168	234661	6.61%	0.520%
81	19.450	2848	2850	2852	rVV3	6489	6270	0.18%	0.014%
82	19.486	2852	2856	2860	rVB2	20004	27947	0.79%	0.062%
83	19.597	2869	2875	2880	rBV	2566105	3477221	97.95%	7.710%
84	19.639	2880	2882	2890	rVB	89775	125594	3.54%	0.278%
85	19.774	2901	2905	2906	rBV4	6437	7846	0.22%	0.017%
86	20.103	2959	2961	2963	rBV3	8964	9438	0.27%	0.021%
87	20.421	3013	3015	3019	rBV5	8489	12564	0.35%	0.028%
88	20.568	3038	3040	3042	rVB3	8406	5812	0.16%	0.013%
89	20.744	3068	3070	3071	rBV2	9894	6089	0.17%	0.014%
90	20.780	3074	3076	3077	rBV2	7392	5905	0.17%	0.013%
91	21.015	3114	3116	3117	rBV2	9059	6929	0.20%	0.015%
92	21.091	3125	3129	3138	rBV	512060	703664	19.82%	1.560%
93	21.186	3143	3145	3151	rVB6	29916	45456	1.28%	0.101%
94	21.391	3174	3180	3189	rBV	1568645	1971259	55.53%	4.371%
95	21.503	3196	3199	3203	rBV3	51991	61009	1.72%	0.135%
96	22.444	3356	3359	3364	rVB7	43034	65580	1.85%	0.145%
97	22.580	3379	3382	3386	rVB4	42910	59384	1.67%	0.132%
98	23.538	3537	3545	3556	rBV	1874610	3549908	100.00%	7.871%
99	23.685	3562	3570	3578	rVB	946256	1823598	51.37%	4.043%
100	24.303	3671	3675	3681	rVB7	48570	88390	2.49%	0.196%

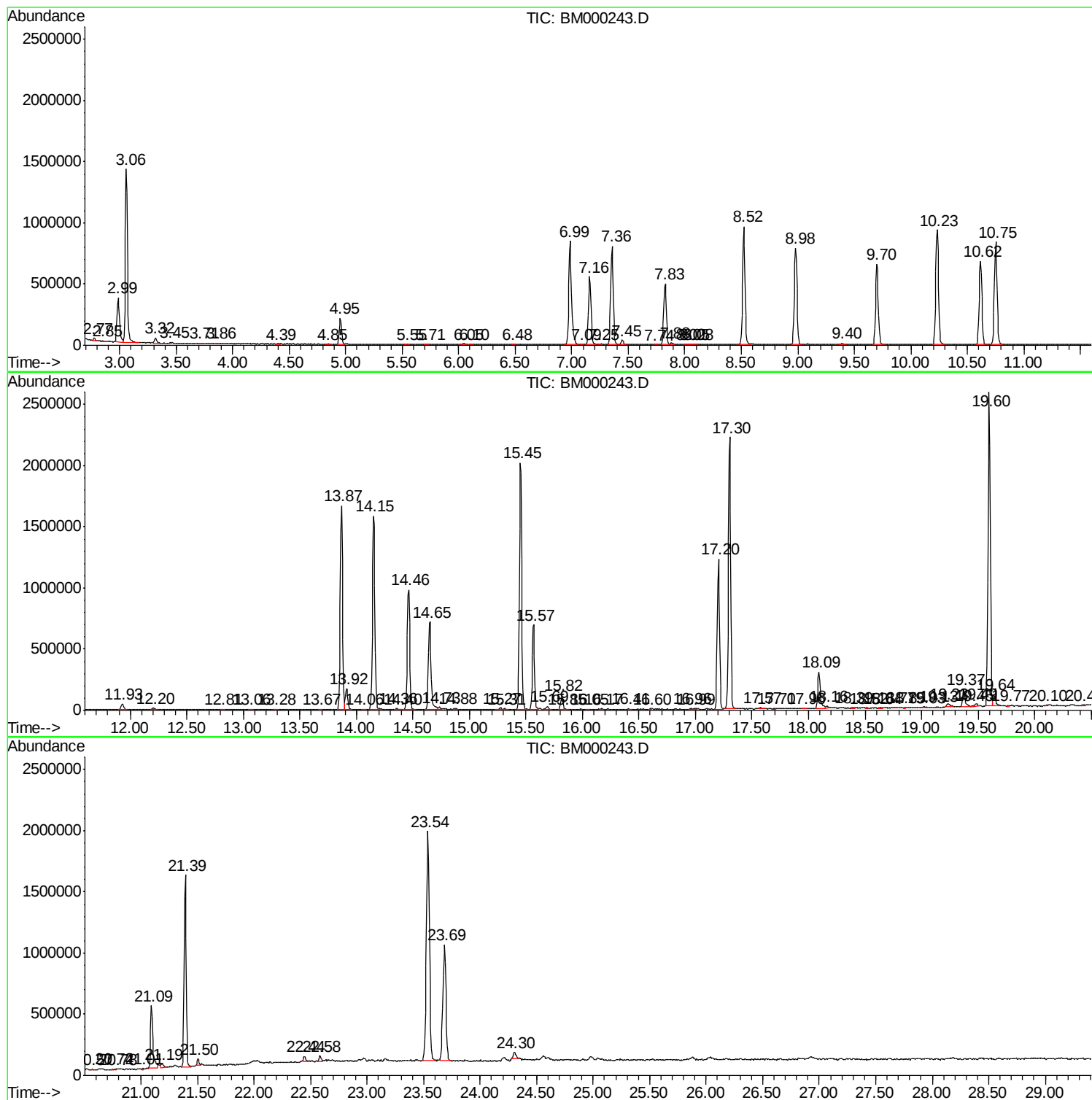
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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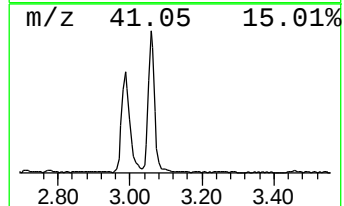
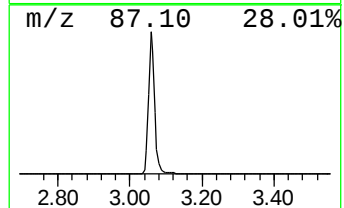
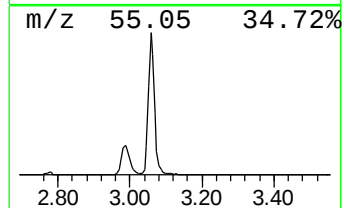
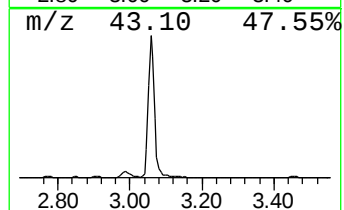
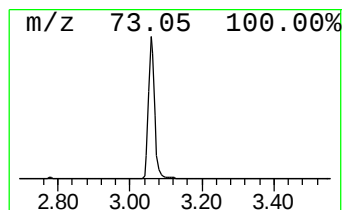
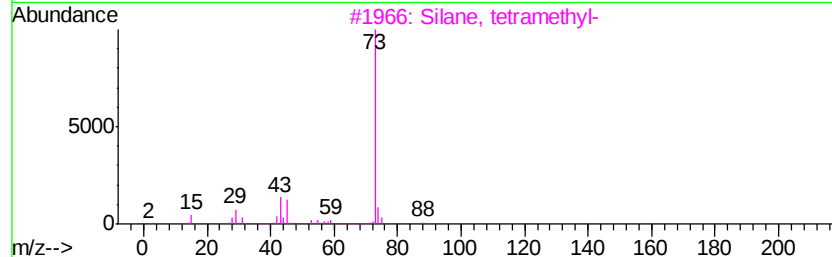
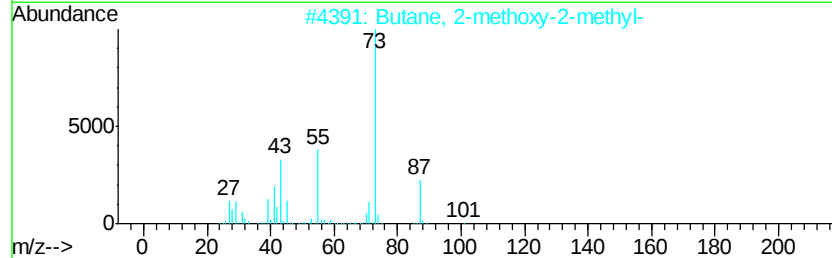
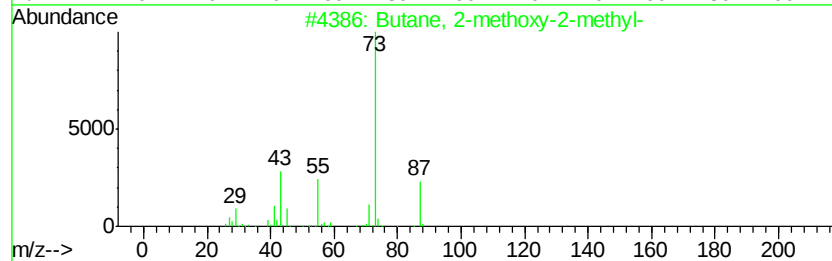
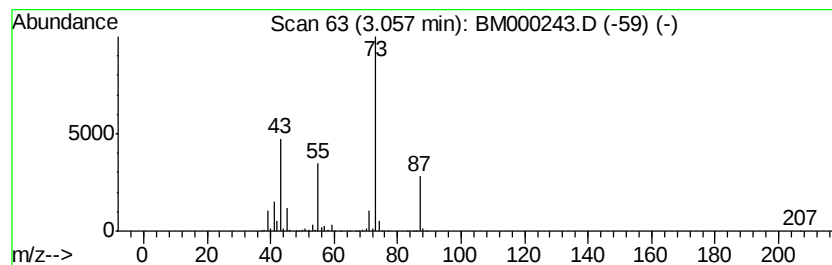
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	43.41 ng/ul	1759650	1,4-Dichlorobenzene-d4	7.83

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	78
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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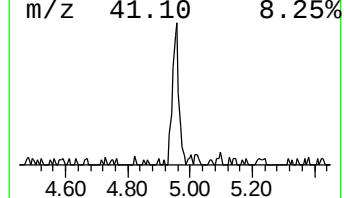
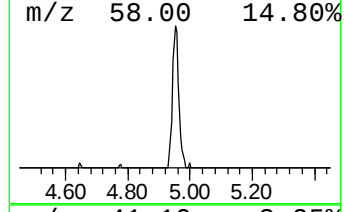
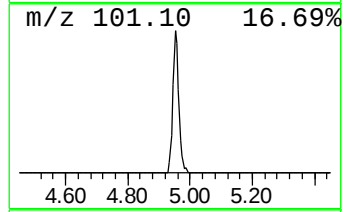
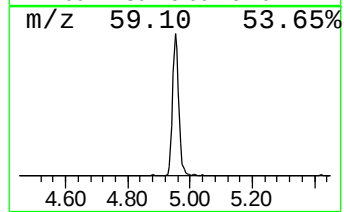
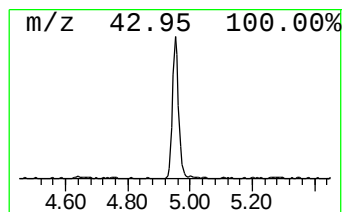
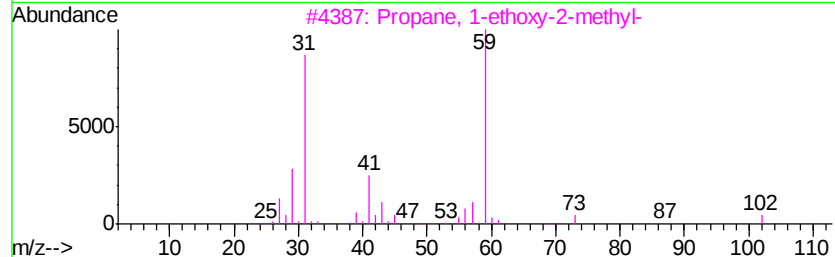
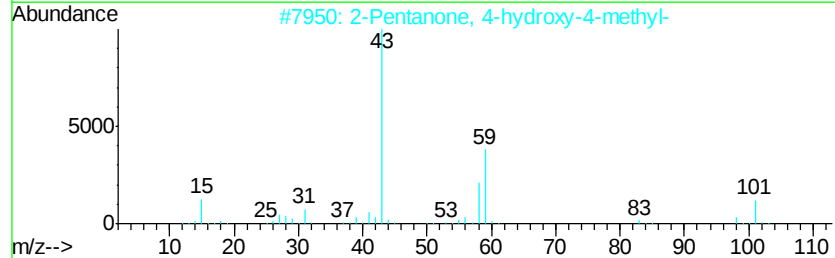
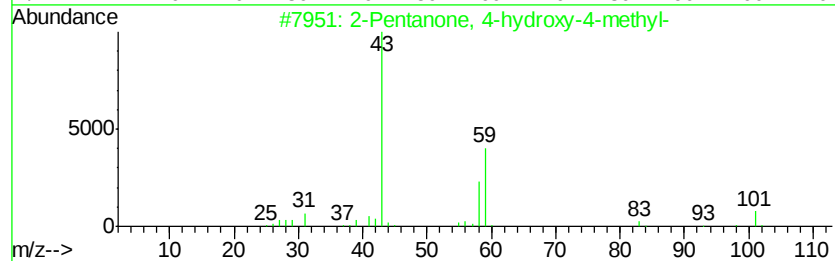
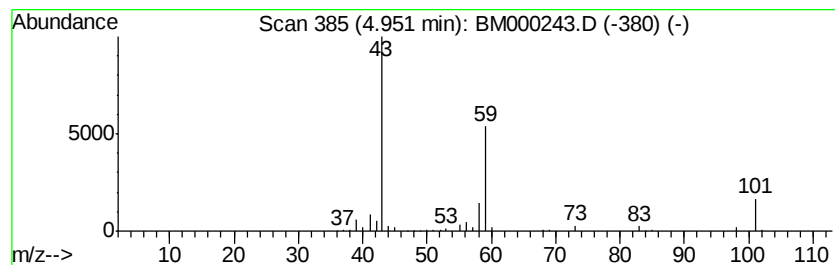
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	7.28 ng/ul	295181	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5		2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	25



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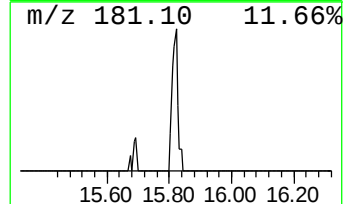
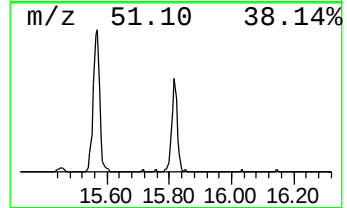
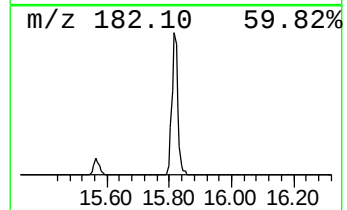
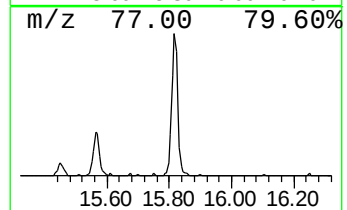
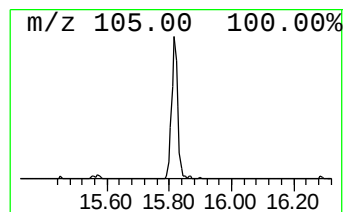
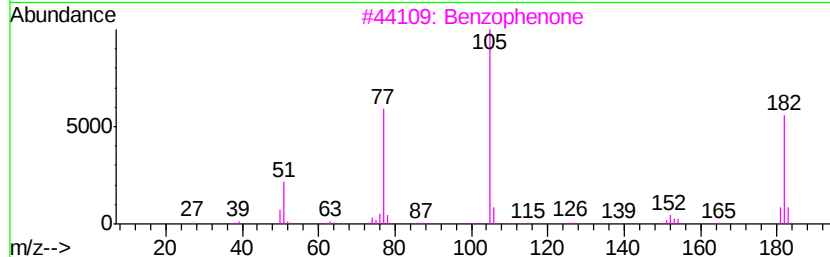
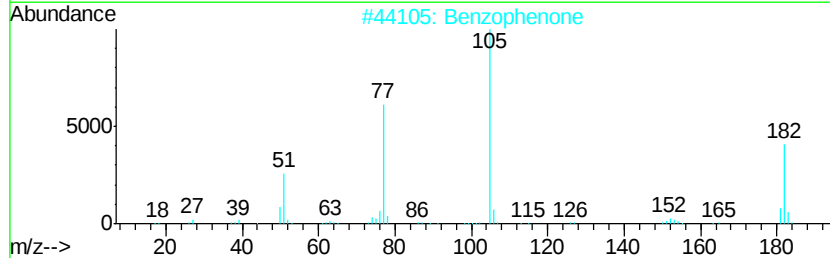
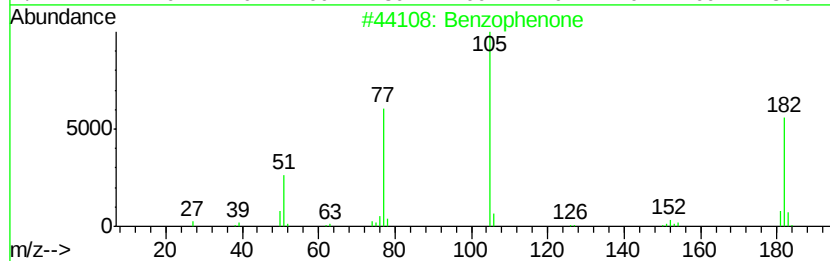
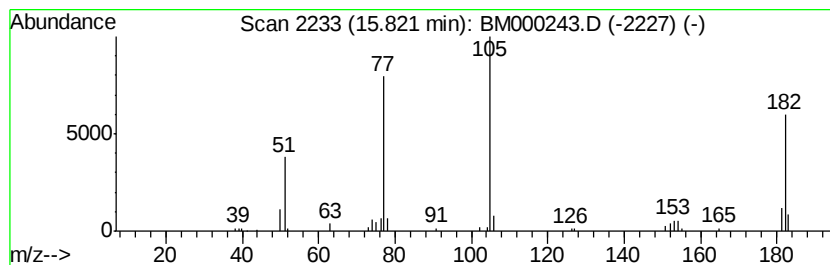
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.04 ng/ul	148785	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	95
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	94
4		Benzophenone	182	C13H10O	000119-61-9	94
5		Benzophenone	182	C13H10O	000119-61-9	94



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Acq On : 16 Jan 2015 21:33
Operator : TP/IZ
Sample : G1065-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

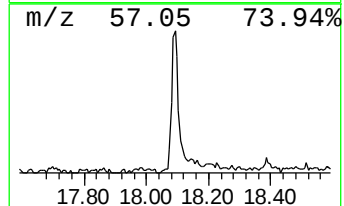
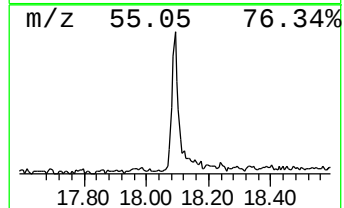
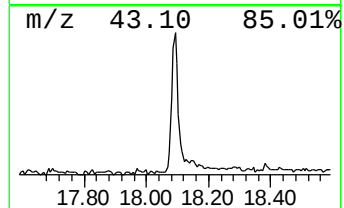
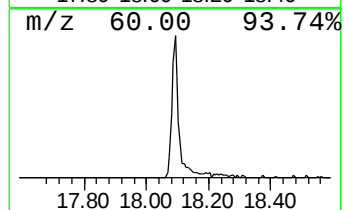
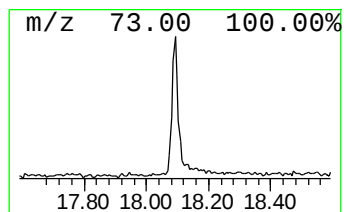
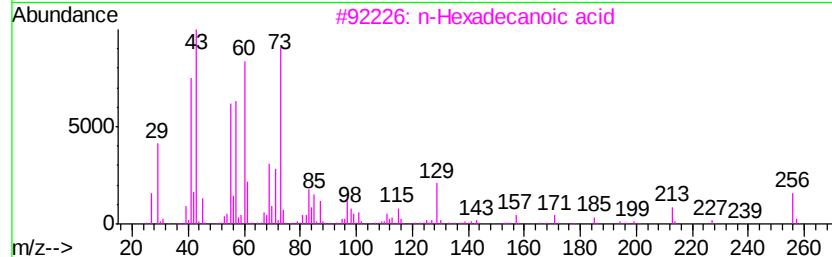
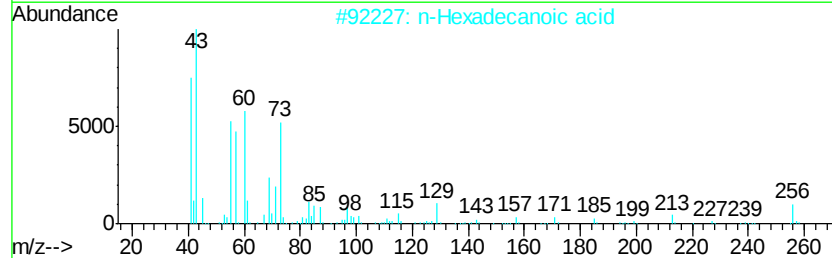
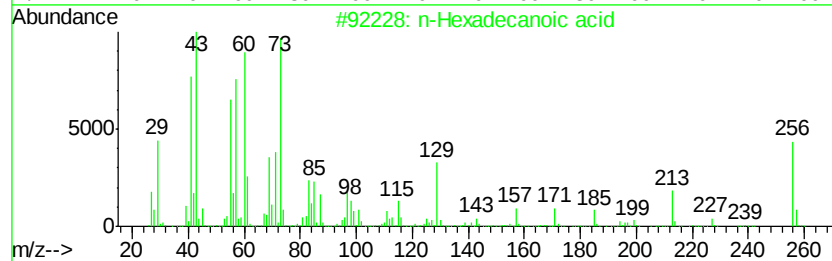
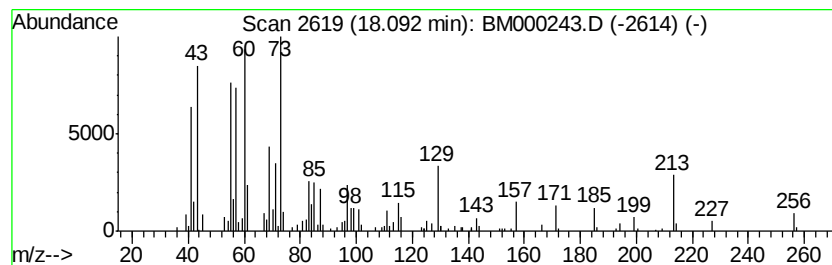
Instrument :
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	5.45 ng/ul	474408	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
4	Tridecanoic acid		214	C13H26O2	000638-53-9	93
5	Tridecanoic acid		214	C13H26O2	000638-53-9	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000243.D
Acq On : 16 Jan 2015 21:33
Operator : TP/IZ
Sample : G1065-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AJ1

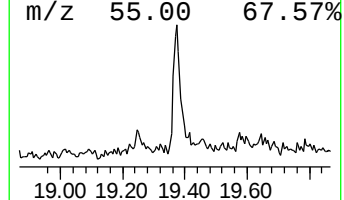
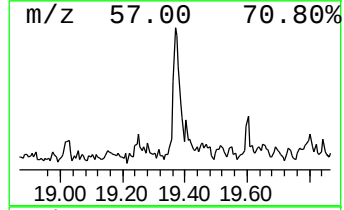
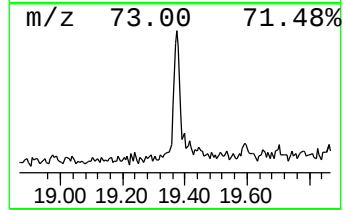
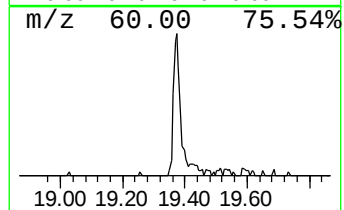
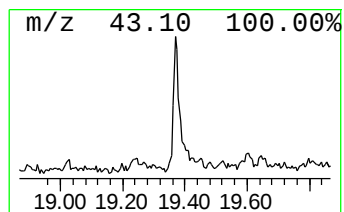
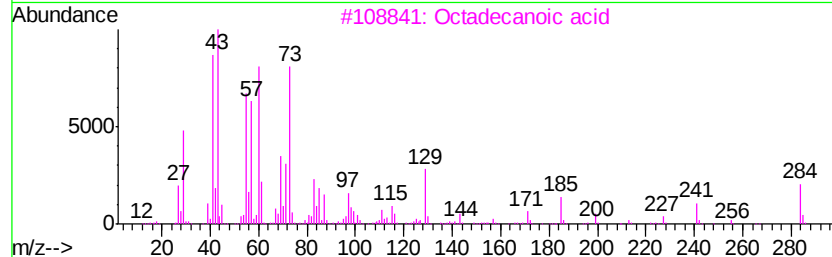
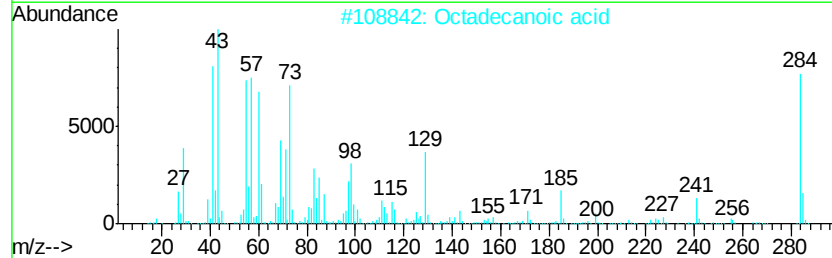
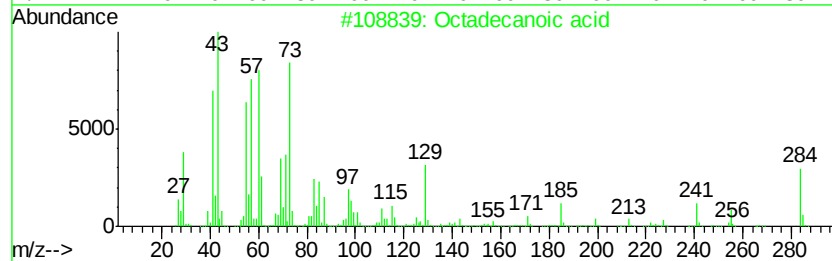
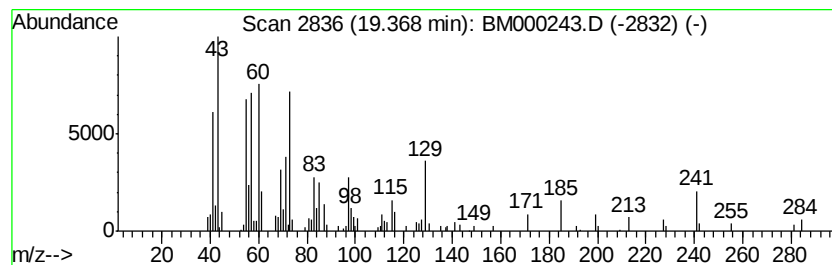
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.38 ng/ul	234661	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
 Data File : BM000243.D
 Acq On : 16 Jan 2015 21:33
 Operator : TP/IZ
 Sample : G1065-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ClientSampled :
 C0AJ1

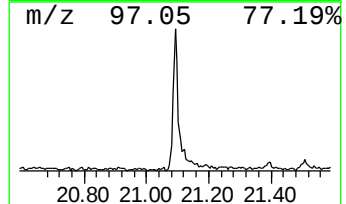
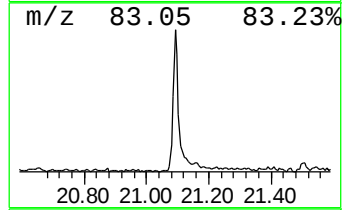
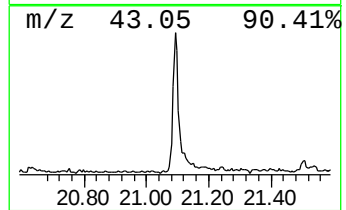
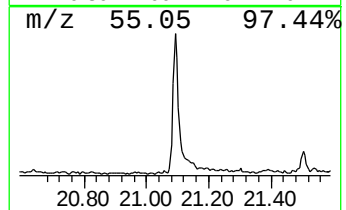
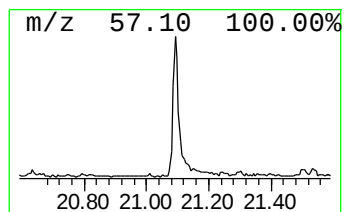
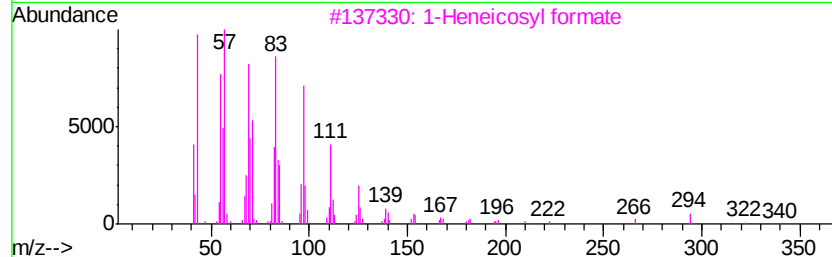
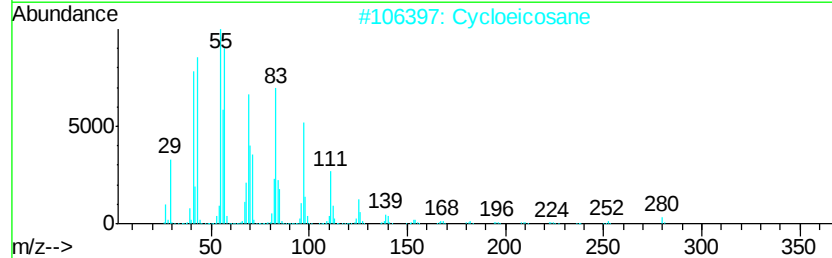
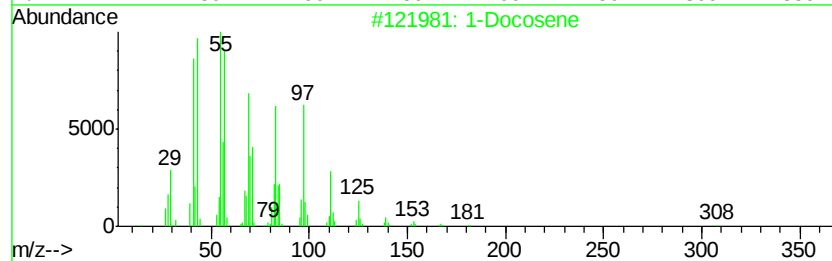
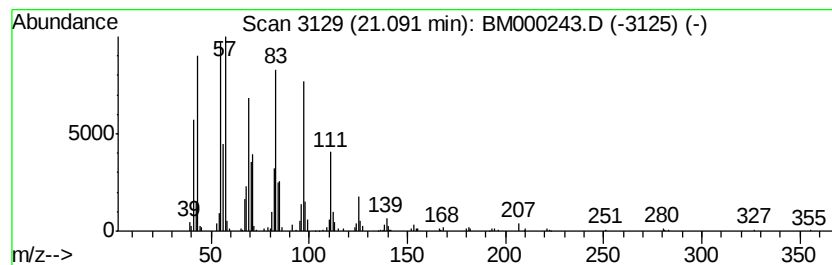
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 7 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.14 ng/ul	703664	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		Cycloeicosane	280	C20H40	000296-56-0	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		1-Tricosene	322	C23H46	018835-32-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000243.D
Acq On : 16 Jan 2015 21:33
Operator : TP/IZ
Sample : G1065-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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...	3.06	43.4	ng/ul	1759650	1	7.83	810732	20.0
2-Pentanone, 4-hy...	4.95	7.3	ng/ul	295181	1	7.83	810732	20.0
Benzophenone	15.82	2.0	ng/ul	148785	3	14.46	1460730	20.0
n-Hexadecanoic acid	18.09	5.5	ng/ul	474408	4	17.20	1740950	20.0
Octadecanoic acid	19.37	2.4	ng/ul	234661	5	21.39	1971260	20.0
(DEL) Alkane: Cyclic	21.09	7.1	ng/ul	703664	5	21.39	1971260	20.0