

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
 Data File : BM000244.D
 Acq On : 16 Jan 2015 22:08
 Operator : TP/IZ
 Sample : G1065-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AJ2

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	25	rVB4	31102	46110	1.46%	0.114%
2	2.846	25	27	30	rBV4	7751	8853	0.28%	0.022%
3	2.987	46	51	58	rBV	364649	554863	17.55%	1.375%
4	3.057	59	63	80	rVB	1527008	1839614	58.20%	4.558%
5	3.316	102	107	112	rBV2	36582	47581	1.51%	0.118%
6	3.451	127	130	133	rBV4	7940	8893	0.28%	0.022%
7	3.734	173	178	182	rBV5	2948	4519	0.14%	0.011%
8	3.869	196	201	206	rVB5	8486	11885	0.38%	0.029%
9	3.951	212	215	218	rVB3	3930	5053	0.16%	0.013%
10	4.363	282	285	289	rBV5	5705	8974	0.28%	0.022%
11	4.751	347	351	354	rBV6	3300	5145	0.16%	0.013%
12	4.951	378	385	399	rBV	169580	246226	7.79%	0.610%
13	5.616	496	498	502	rVB2	3650	4629	0.15%	0.011%
14	5.651	502	504	507	rBV3	3904	4979	0.16%	0.012%
15	6.051	567	572	578	rBV5	5213	8045	0.25%	0.020%
16	6.987	722	731	743	rBV	729310	1259627	39.85%	3.121%
17	7.157	753	760	772	rBV	506738	791060	25.02%	1.960%
18	7.245	772	775	780	rVB5	4047	5588	0.18%	0.014%
19	7.357	787	794	804	rBV	697007	1121827	35.49%	2.779%
20	7.445	804	809	821	rVB3	32250	49960	1.58%	0.124%
21	7.681	847	849	854	rVB3	2506	3720	0.12%	0.009%
22	7.828	867	874	881	rBV	485761	782239	24.75%	1.938%
23	7.881	881	883	890	rVB3	8161	10711	0.34%	0.027%
24	8.522	984	992	1001	rBV	834804	1318870	41.72%	3.268%
25	8.586	1001	1003	1009	rVV4	6678	10507	0.33%	0.026%
26	8.981	1063	1070	1080	rBV	719961	1142617	36.15%	2.831%
27	9.392	1136	1140	1147	rVB2	13622	20515	0.65%	0.051%
28	9.698	1183	1192	1203	rBV	566011	969635	30.67%	2.402%
29	10.233	1275	1283	1296	rBV	845829	1407576	44.53%	3.487%
30	10.616	1340	1348	1356	rVV	646514	1085191	34.33%	2.689%
31	10.751	1363	1371	1382	rBV	601751	1011016	31.98%	2.505%
32	11.927	1566	1571	1578	rVB	42476	66582	2.11%	0.165%
33	12.204	1613	1618	1625	rVB4	12209	20678	0.65%	0.051%
34	12.427	1653	1656	1658	rBV3	3081	3544	0.11%	0.009%

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35	13.057	1758	1763	1768	rBV5	4021	6343	0.20%	0.016%
36	13.286	1797	1802	1804	rBV4	7187	8021	0.25%	0.020%
37	13.868	1893	1901	1905	rBV	1549972	2075096	65.64%	5.141%
38	13.910	1905	1908	1917	rVB	165623	236826	7.49%	0.587%
39	14.151	1943	1949	1960	rVV	1408883	2054923	65.01%	5.091%
40	14.357	1978	1984	1991	rVB5	13576	21400	0.68%	0.053%
41	14.463	1995	2002	2010	rBV	963771	1403369	44.39%	3.477%
42	14.645	2027	2033	2045	rBV	593820	978203	30.94%	2.424%
43	14.733	2046	2048	2052	rVV3	15260	20204	0.64%	0.050%
44	14.880	2068	2073	2076	rVB3	13310	19758	0.63%	0.049%
45	15.221	2129	2131	2133	rBV2	3463	3490	0.11%	0.009%
46	15.310	2142	2146	2151	rBV3	8487	11921	0.38%	0.030%
47	15.451	2163	2170	2179	rBV	1883708	2716720	85.94%	6.731%
48	15.562	2184	2189	2201	rVV	565961	814275	25.76%	2.017%
49	15.692	2205	2211	2215	rBV4	21692	30412	0.96%	0.075%
50	15.815	2227	2232	2238	rBV	107534	146114	4.62%	0.362%
51	16.168	2288	2292	2297	rBV3	5627	9110	0.29%	0.023%
52	16.409	2331	2333	2337	rVB4	4415	4132	0.13%	0.010%
53	16.474	2342	2344	2348	rBV2	3301	3316	0.10%	0.008%
54	16.539	2351	2355	2356	rBV3	2574	3708	0.12%	0.009%
55	16.739	2387	2389	2392	rBV3	3339	3663	0.12%	0.009%
56	16.956	2423	2426	2429	rBV4	6638	7255	0.23%	0.018%
57	16.992	2430	2432	2437	rVV4	6037	7692	0.24%	0.019%
58	17.204	2461	2468	2478	rBV	1214844	1683022	53.24%	4.170%
59	17.304	2478	2485	2493	rBV	1995252	2959078	93.61%	7.331%
60	17.574	2528	2531	2532	rBV2	5741	4789	0.15%	0.012%
61	17.686	2549	2550	2554	rBV4	5142	5701	0.18%	0.014%
62	17.745	2557	2560	2564	rBV3	4347	6088	0.19%	0.015%
63	17.798	2568	2569	2573	rVB2	5777	4258	0.13%	0.011%
64	17.827	2573	2574	2577	rBV2	3970	3305	0.10%	0.008%
65	17.862	2577	2580	2584	rBV5	4340	7575	0.24%	0.019%
66	17.915	2587	2589	2594	rBV4	2573	3615	0.11%	0.009%
67	17.968	2595	2598	2600	rBV2	4440	4472	0.14%	0.011%
68	18.092	2613	2619	2629	rBV2	174227	281018	8.89%	0.696%
69	18.162	2629	2631	2634	rVB4	5995	7260	0.23%	0.018%
70	18.233	2641	2643	2645	rVB2	4460	3371	0.11%	0.008%
71	18.392	2664	2670	2674	rVB6	8349	17988	0.57%	0.045%

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Integration Parameters: LSCINT.P

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72	18.421	2674	2675	2676	rBV	5876	3513	0.11%	0.009%
73	18.533	2693	2694	2697	rBV3	4708	4019	0.13%	0.010%
74	18.692	2719	2721	2723	rBV2	4037	4349	0.14%	0.011%
75	18.774	2733	2735	2738	rVB4	4540	3834	0.12%	0.009%
76	18.962	2765	2767	2770	rBV5	7077	8167	0.26%	0.020%
77	19.021	2775	2777	2781	rVB3	9517	10637	0.34%	0.026%
78	19.062	2781	2784	2787	rBV5	5732	7327	0.23%	0.018%
79	19.145	2795	2798	2801	rBV3	5857	9324	0.29%	0.023%
80	19.233	2807	2813	2818	rBV2	27720	55725	1.76%	0.138%
81	19.321	2826	2828	2830	rVB2	6708	4456	0.14%	0.011%
82	19.368	2830	2836	2842	rBV5	79731	121517	3.84%	0.301%
83	19.486	2852	2856	2860	rBV2	18608	23282	0.74%	0.058%
84	19.597	2869	2875	2880	rBV	2329740	3161107	100.00%	7.832%
85	19.639	2880	2882	2895	rVB2	87704	137869	4.36%	0.342%
86	19.803	2906	2910	2914	rVB6	13306	17130	0.54%	0.042%
87	20.044	2949	2951	2952	rBV2	4410	3561	0.11%	0.009%
88	20.068	2952	2955	2958	rVV5	6989	9991	0.32%	0.025%
89	20.174	2971	2973	2974	rBV3	5696	3386	0.11%	0.008%
90	20.368	3004	3006	3012	rBV5	6838	7648	0.24%	0.019%
91	20.521	3028	3032	3036	rVB6	15595	19919	0.63%	0.049%
92	20.633	3047	3051	3055	rVB7	8973	14782	0.47%	0.037%
93	21.092	3125	3129	3137	rBV2	290690	413015	13.07%	1.023%
94	21.180	3142	3144	3147	rVB4	20222	23666	0.75%	0.059%
95	21.391	3174	3180	3186	rBV	1450783	1911784	60.48%	4.737%
96	21.503	3196	3199	3202	rBV3	42908	45194	1.43%	0.112%
97	22.444	3356	3359	3363	rVB5	31462	39355	1.24%	0.098%
98	22.580	3380	3382	3387	rVB4	39337	48854	1.55%	0.121%
99	23.538	3537	3545	3554	rVB2	1536573	3023473	95.65%	7.491%
100	23.680	3562	3569	3579	rVB	904158	1760936	55.71%	4.363%

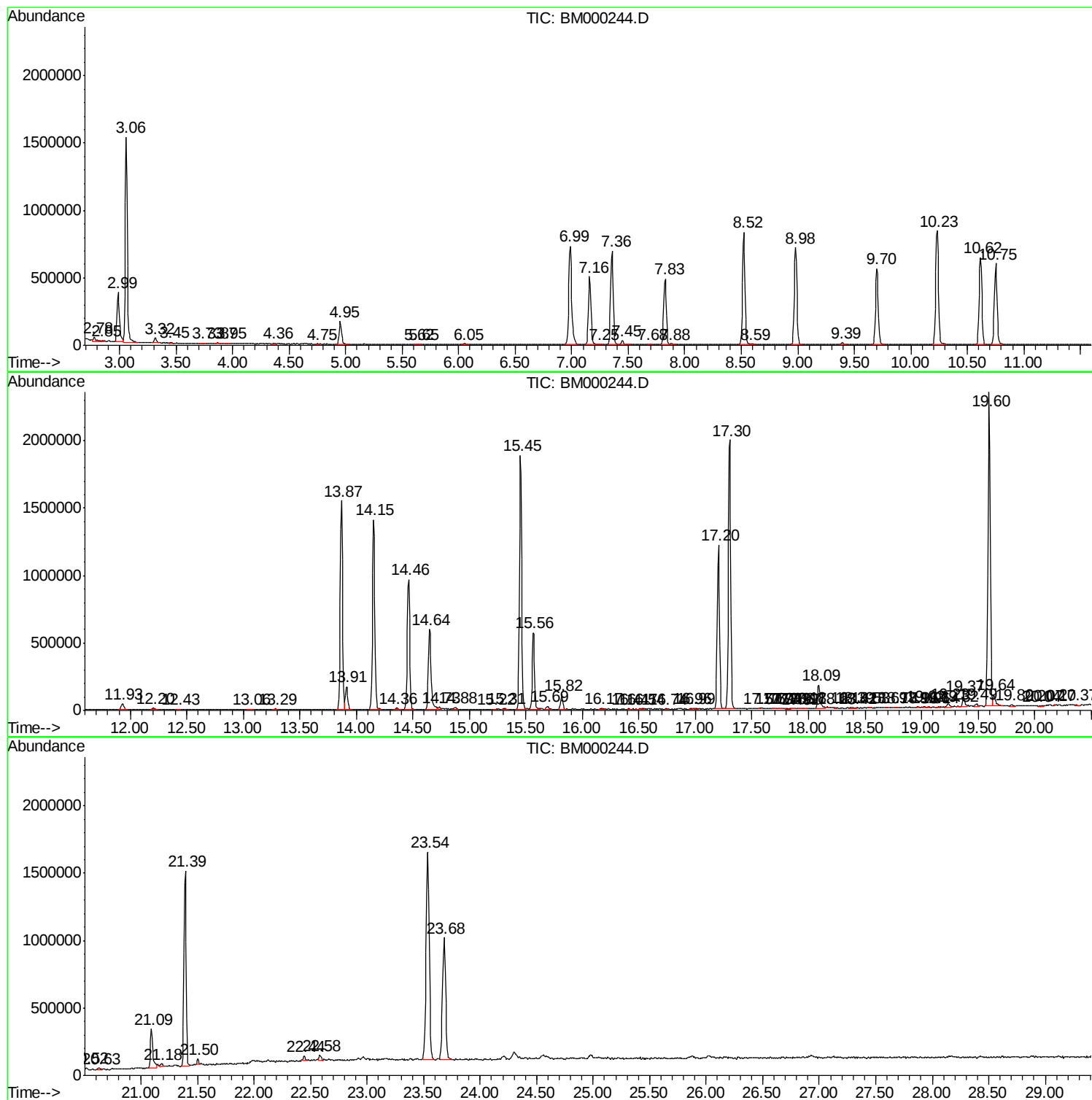
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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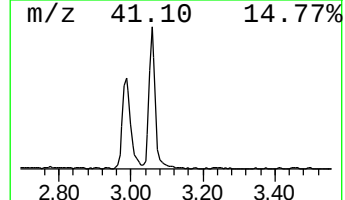
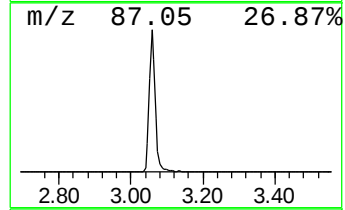
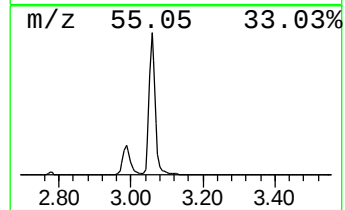
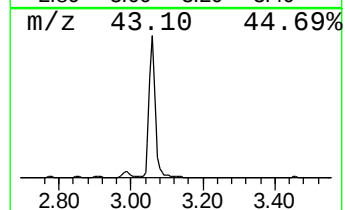
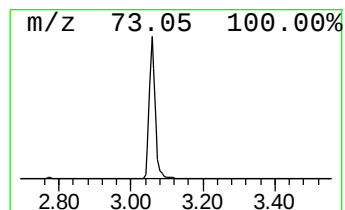
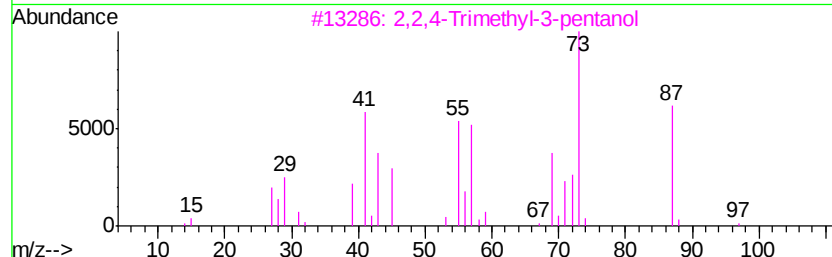
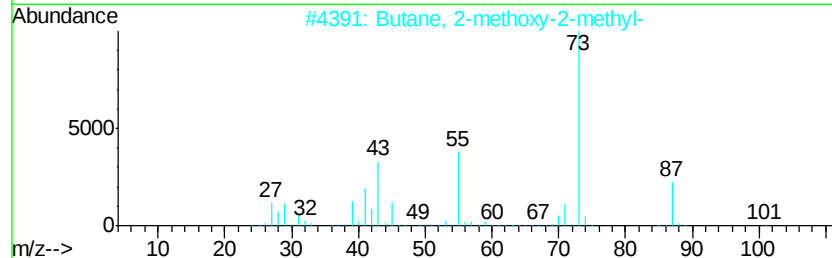
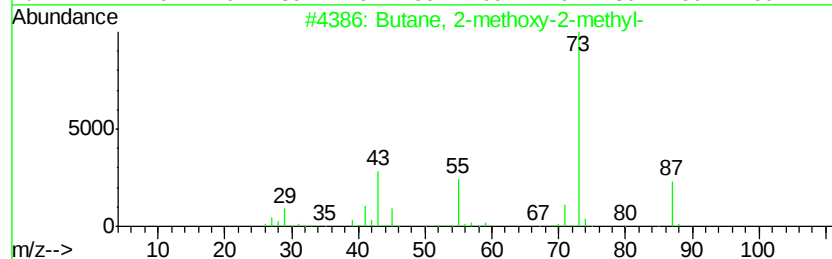
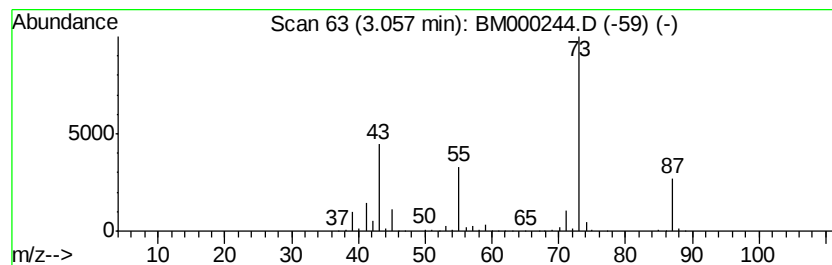
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	47.03 ng/ul	1839610	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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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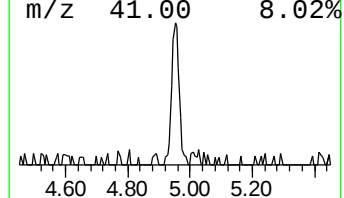
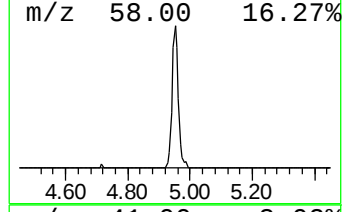
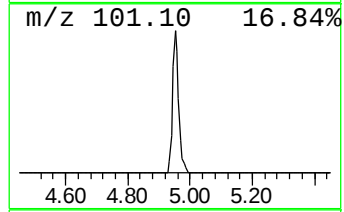
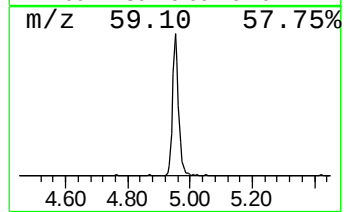
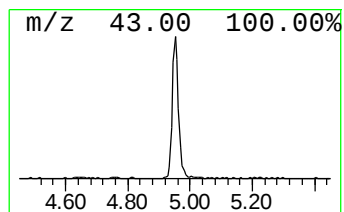
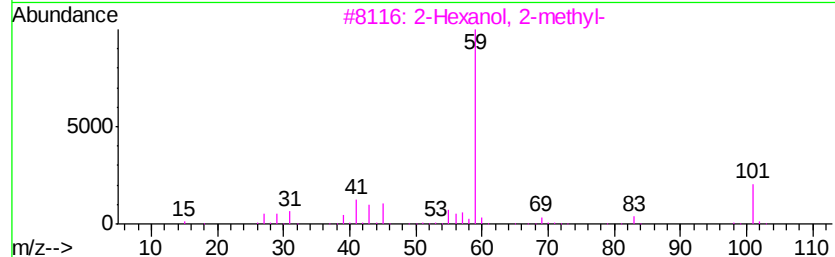
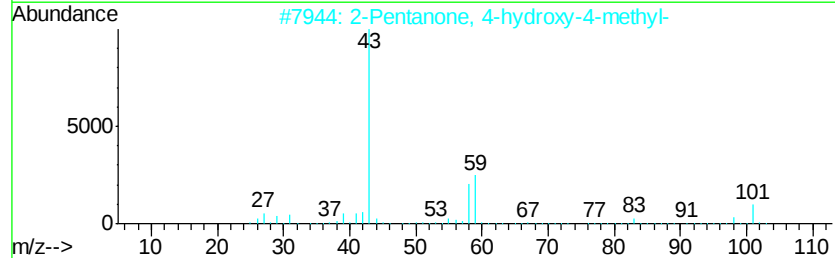
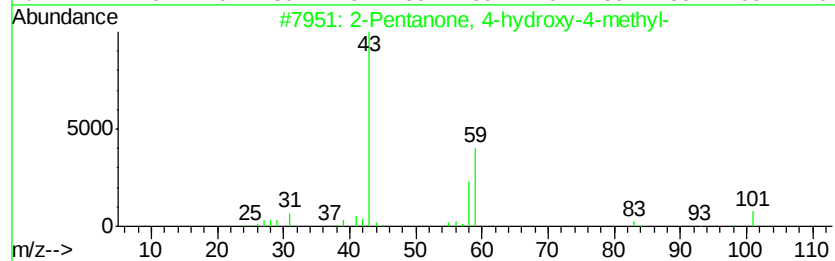
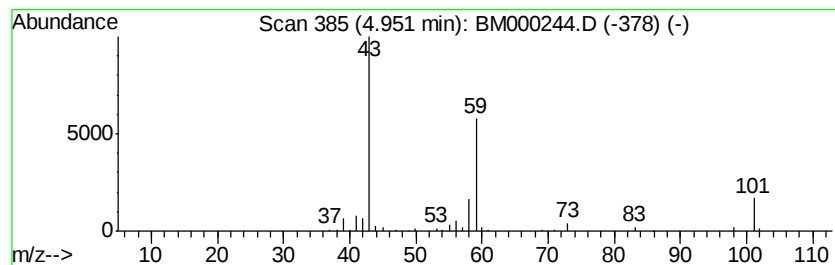
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.30 ng/ul	246226	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17



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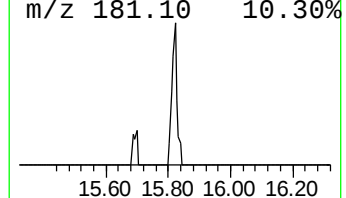
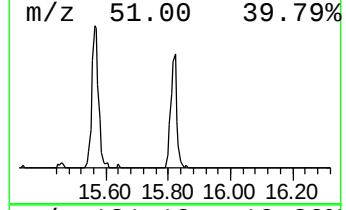
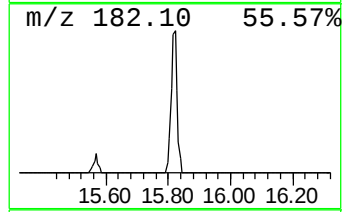
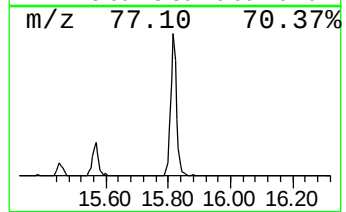
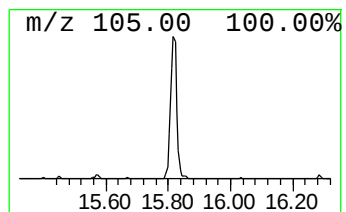
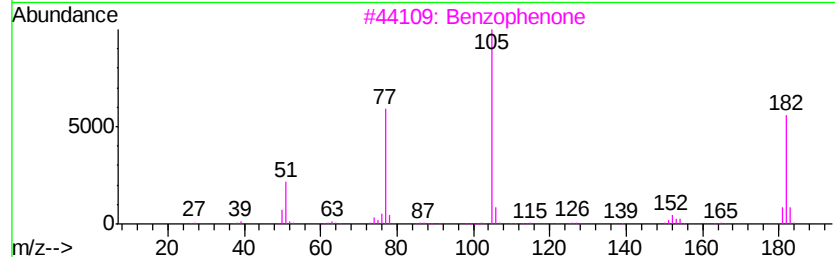
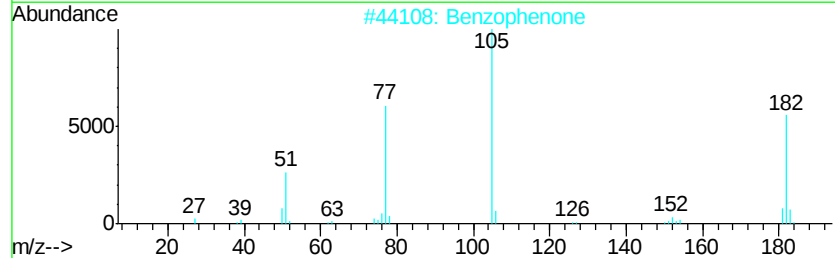
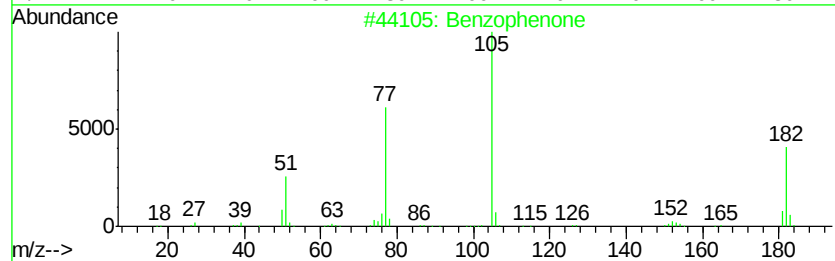
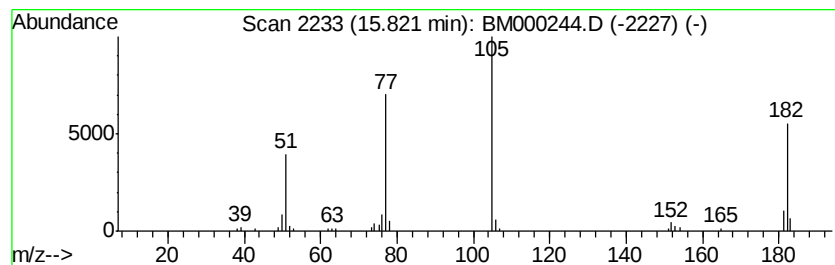
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.08 ng/ul	146114	Acenaphthene-d10	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Benzophenone		182	C13H10O	000119-61-9	96
3	Benzophenone		182	C13H10O	000119-61-9	95
4	Benzophenone		182	C13H10O	000119-61-9	95
5	Benzophenone		182	C13H10O	000119-61-9	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000244.D
Acq On : 16 Jan 2015 22:08
Operator : TP/IZ
Sample : G1065-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

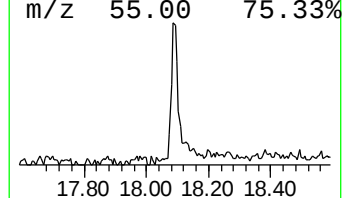
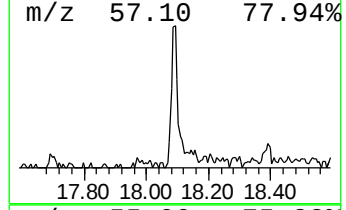
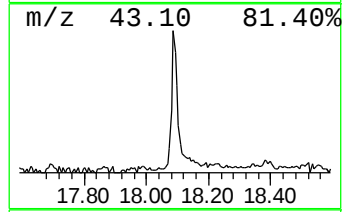
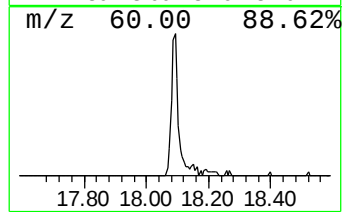
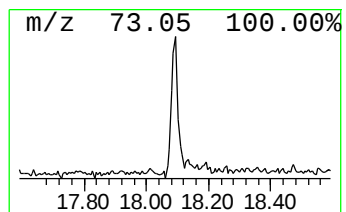
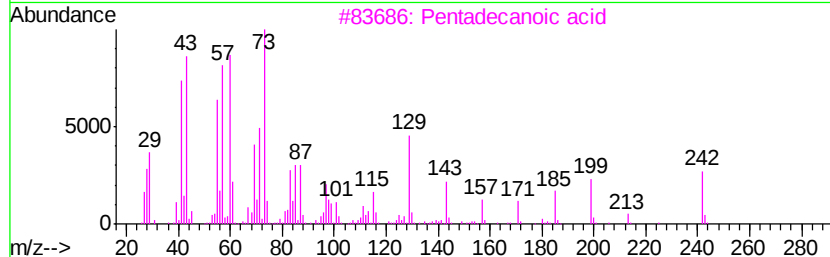
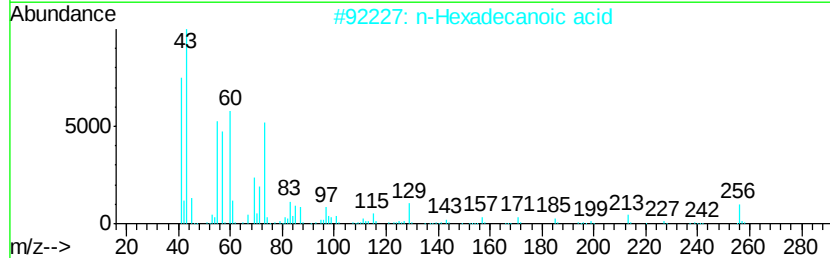
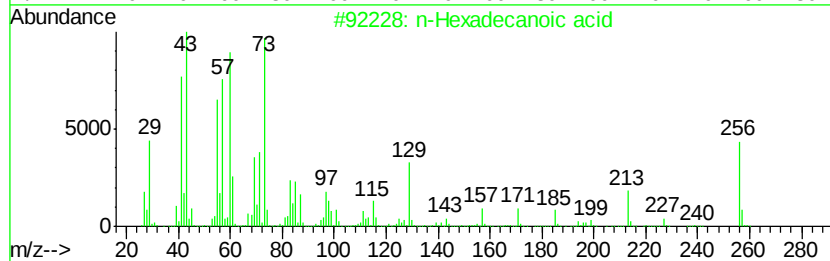
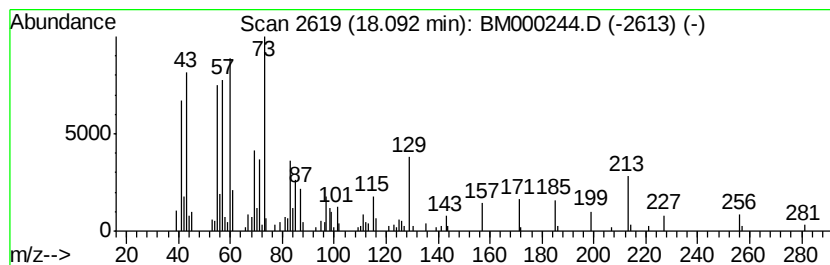
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	3.34 ng/ul	281018	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	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000244.D
Acq On : 16 Jan 2015 22:08
Operator : TP/IZ
Sample : G1065-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AJ2

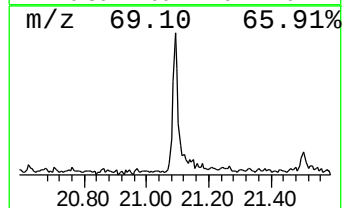
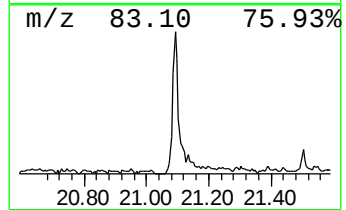
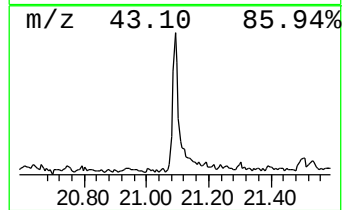
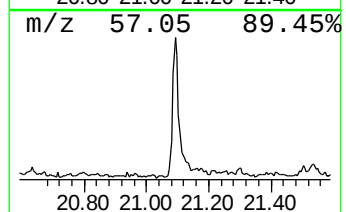
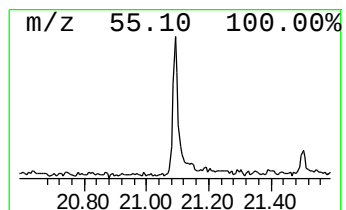
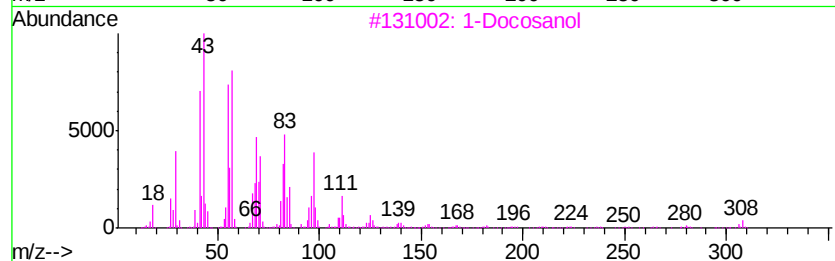
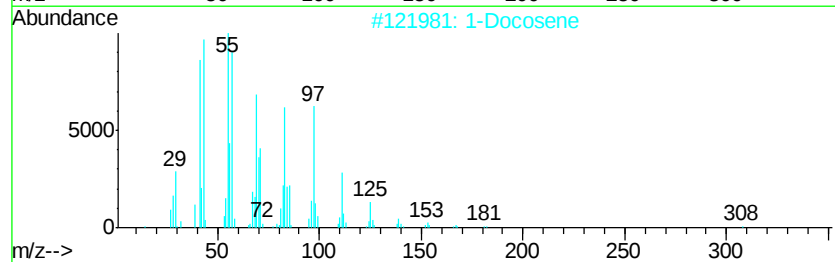
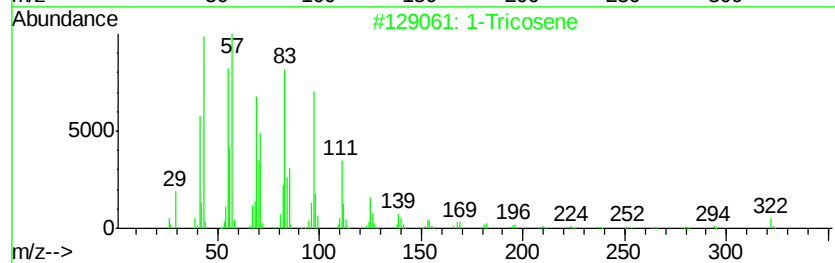
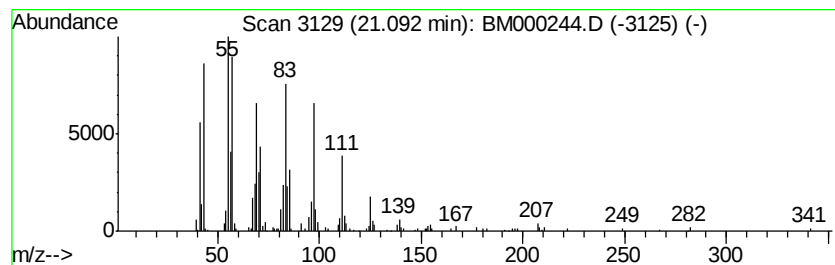
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	4.32 ng/ul	413015	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tricosene	322	C23H46	018835-32-0	91
2		1-Docosene	308	C22H44	001599-67-3	90
3		1-Docosanol	326	C22H46O	000661-19-8	80
4		Cyclotetracosane	336	C24H48	000297-03-0	74
5		17-Pentatriacontene	491	C35H70	006971-40-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000244.D
Acq On : 16 Jan 2015 22:08
Operator : TP/IZ
Sample : G1065-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AJ2

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	47.0	ng/ul	1839610	1	7.83	782239	20.0
unknown-01	4.95	6.3	ng/ul	246226	1	7.83	782239	20.0
Benzophenone	15.82	2.1	ng/ul	146114	3	14.46	1403370	20.0
n-Hexadecanoic acid	18.09	3.3	ng/ul	281018	4	17.20	1683020	20.0
(DEL) Alkane: Cyclic	21.09	4.3	ng/ul	413015	5	21.39	1911780	20.0