

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000273.D
 Acq On : 20 Jan 2015 21:35
 Operator : TP/IZ
 Sample : G1102-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AD4

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	2.846	24	27	33	rVB	171093	192854	5.83%	0.438%
2	2.987	46	51	58	rBV	347564	565442	17.09%	1.283%
3	3.057	59	63	78	rVB	1321188	1619470	48.94%	3.674%
4	4.951	381	385	391	rVB3	85095	127185	3.84%	0.289%
5	6.981	724	730	743	rVB2	804805	1453590	43.93%	3.298%
6	7.151	754	759	767	rVB	552085	858154	25.93%	1.947%
7	7.351	787	793	803	rVV	759046	1209617	36.56%	2.744%
8	7.445	805	809	813	rVB2	42568	62608	1.89%	0.142%
9	7.704	850	853	858	rBV5	20529	33325	1.01%	0.076%
10	7.822	867	873	888	rVB	557397	950664	28.73%	2.157%
11	8.140	923	927	930	rBV3	29316	48156	1.46%	0.109%
12	8.516	985	991	999	rBV	864187	1383603	41.81%	3.139%
13	8.634	1007	1011	1017	rVB4	21591	43717	1.32%	0.099%
14	8.898	1052	1056	1059	rVB4	18072	23826	0.72%	0.054%
15	8.975	1062	1069	1076	rBV	805838	1321800	39.95%	2.999%
16	9.328	1128	1129	1133	rBV2	6373	7718	0.23%	0.018%
17	9.534	1161	1164	1169	rVB4	18484	30596	0.92%	0.069%
18	9.698	1185	1192	1202	rBV	580156	1019136	30.80%	2.312%
19	9.781	1204	1206	1211	rVB5	11647	15301	0.46%	0.035%
20	10.022	1244	1247	1248	rBV2	5963	8126	0.25%	0.018%
21	10.228	1275	1282	1292	rBV	849411	1416924	42.82%	3.214%
22	10.475	1320	1324	1330	rVB4	17779	30718	0.93%	0.070%
23	10.610	1340	1347	1353	rBV	700324	1169093	35.33%	2.652%
24	10.663	1353	1356	1363	rVB2	16158	24993	0.76%	0.057%
25	10.745	1363	1370	1381	rBV	778670	1368877	41.37%	3.105%
26	10.945	1399	1404	1408	rBV5	15835	26536	0.80%	0.060%
27	11.233	1449	1453	1455	rBV2	3279	5165	0.16%	0.012%
28	11.922	1566	1570	1577	rVB3	21212	39949	1.21%	0.091%
29	12.133	1602	1606	1612	rVB4	8900	16009	0.48%	0.036%
30	12.204	1612	1618	1622	rVB2	13313	22256	0.67%	0.050%
31	12.275	1622	1630	1637	rVB3	16907	24958	0.75%	0.057%
32	12.492	1662	1667	1674	rVB4	14064	22598	0.68%	0.051%
33	12.639	1685	1692	1697	rBV6	15547	35305	1.07%	0.080%
34	12.698	1697	1702	1708	rVB3	11983	17173	0.52%	0.039%

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35	12.886	1730	1734	1737	rVB3	4232	5335	0.16%	0.012%
36	13.074	1761	1766	1772	rVB2	24368	32560	0.98%	0.074%
37	13.286	1797	1802	1806	rBV6	15933	26974	0.82%	0.061%
38	13.327	1806	1809	1813	rVV	11121	14500	0.44%	0.033%
39	13.669	1865	1867	1874	rBV5	7296	11694	0.35%	0.027%
40	13.863	1894	1900	1905	rVV	1462256	2026224	61.23%	4.597%
41	13.910	1905	1908	1914	rVB	153603	192143	5.81%	0.436%
42	14.151	1942	1949	1961	rVB	1509306	2295906	69.38%	5.208%
43	14.351	1979	1983	1989	rVB4	9520	12258	0.37%	0.028%
44	14.457	1995	2001	2009	rBV	971943	1426754	43.12%	3.237%
45	14.516	2009	2011	2019	rVB3	7153	10684	0.32%	0.024%
46	14.645	2027	2033	2046	rBV	641249	1011422	30.57%	2.294%
47	14.868	2065	2071	2075	rVB6	16216	33166	1.00%	0.075%
48	14.957	2082	2086	2092	rBV5	10506	13385	0.40%	0.030%
49	15.274	2135	2140	2144	rBV2	43009	58826	1.78%	0.133%
50	15.304	2144	2145	2149	rVB2	8360	7008	0.21%	0.016%
51	15.451	2163	2170	2176	rBV	1956773	2742754	82.89%	6.222%
52	15.498	2176	2178	2183	rVB3	14616	17850	0.54%	0.040%
53	15.563	2183	2189	2197	rBV	576492	797808	24.11%	1.810%
54	15.692	2206	2211	2214	rBV4	20744	28211	0.85%	0.064%
55	15.815	2224	2232	2236	rBV	81267	123876	3.74%	0.281%
56	16.398	2326	2331	2334	rVB3	7081	8485	0.26%	0.019%
57	16.504	2348	2349	2355	rVB4	6091	6978	0.21%	0.016%
58	16.915	2414	2419	2420	rBV3	5996	5690	0.17%	0.013%
59	16.957	2420	2426	2428	rBV5	5523	10261	0.31%	0.023%
60	16.980	2428	2430	2436	rVV2	6029	9577	0.29%	0.022%
61	17.198	2461	2467	2473	rBV2	1201413	1709000	51.65%	3.877%
62	17.239	2473	2474	2477	rVV3	10341	8899	0.27%	0.020%
63	17.298	2477	2484	2494	rVV	2130925	2995096	90.51%	6.795%
64	17.392	2497	2500	2508	rVB3	13675	19717	0.60%	0.045%
65	18.086	2612	2618	2629	rBV	221874	344206	10.40%	0.781%
66	18.157	2629	2630	2635	rVB5	10438	10724	0.32%	0.024%
67	18.292	2648	2653	2654	rVB4	5091	5440	0.16%	0.012%
68	18.421	2673	2675	2681	rVV6	9989	15556	0.47%	0.035%
69	18.633	2710	2711	2715	rBV3	5263	5651	0.17%	0.013%
70	19.021	2774	2777	2779	rVB3	6544	5728	0.17%	0.013%
71	19.127	2794	2795	2799	rBV4	4537	6678	0.20%	0.015%

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72	19.227	2807	2812	2816	rBV2	29224	55000	1.66%	0.125%
73	19.368	2832	2836	2846	rVV3	105921	151168	4.57%	0.343%
74	19.486	2852	2856	2858	rBV3	22037	28070	0.85%	0.064%
75	19.521	2858	2862	2867	rVB	136372	153831	4.65%	0.349%
76	19.598	2868	2875	2880	rBV	2368534	3298395	99.68%	7.483%
77	19.639	2880	2882	2891	rVB2	73475	106464	3.22%	0.242%
78	19.815	2909	2912	2913	rBV3	7372	6281	0.19%	0.014%
79	20.133	2961	2966	2970	rBV7	21907	37004	1.12%	0.084%
80	20.468	3018	3023	3025	rBV6	7192	11721	0.35%	0.027%
81	20.515	3027	3031	3035	rVV7	18262	30186	0.91%	0.068%
82	20.568	3035	3040	3045	rVV	111958	130680	3.95%	0.296%
83	20.633	3047	3051	3053	rVV4	28204	39753	1.20%	0.090%
84	20.662	3053	3056	3062	rVB6	23676	31928	0.96%	0.072%
85	20.739	3067	3069	3072	rBV4	7676	11140	0.34%	0.025%
86	21.033	3116	3119	3120	rBV3	10421	10070	0.30%	0.023%
87	21.097	3125	3130	3142	rBV	334431	803845	24.29%	1.824%
88	21.297	3161	3164	3168	rBV3	32186	40623	1.23%	0.092%
89	21.386	3174	3179	3185	rBV	1565091	1996395	60.33%	4.529%
90	21.497	3195	3198	3201	rBV3	85099	97263	2.94%	0.221%
91	21.533	3201	3204	3208	rVB3	45119	49534	1.50%	0.112%
92	21.968	3276	3278	3282	rVB2	52973	56913	1.72%	0.129%
93	22.027	3284	3288	3293	rVV8	23696	49993	1.51%	0.113%
94	22.115	3301	3303	3306	rBV4	16912	14791	0.45%	0.034%
95	22.439	3355	3358	3366	rVB2	79558	108935	3.29%	0.247%
96	22.580	3379	3382	3385	rVB	49074	55649	1.68%	0.126%
97	22.956	3443	3446	3452	rVB3	64369	99556	3.01%	0.226%
98	23.533	3536	3544	3554	rBV2	1720833	3308970	100.00%	7.507%
99	23.680	3561	3569	3578	rVB	969014	1918480	57.98%	4.352%
100	24.203	3654	3658	3664	rVB5	67067	125459	3.79%	0.285%

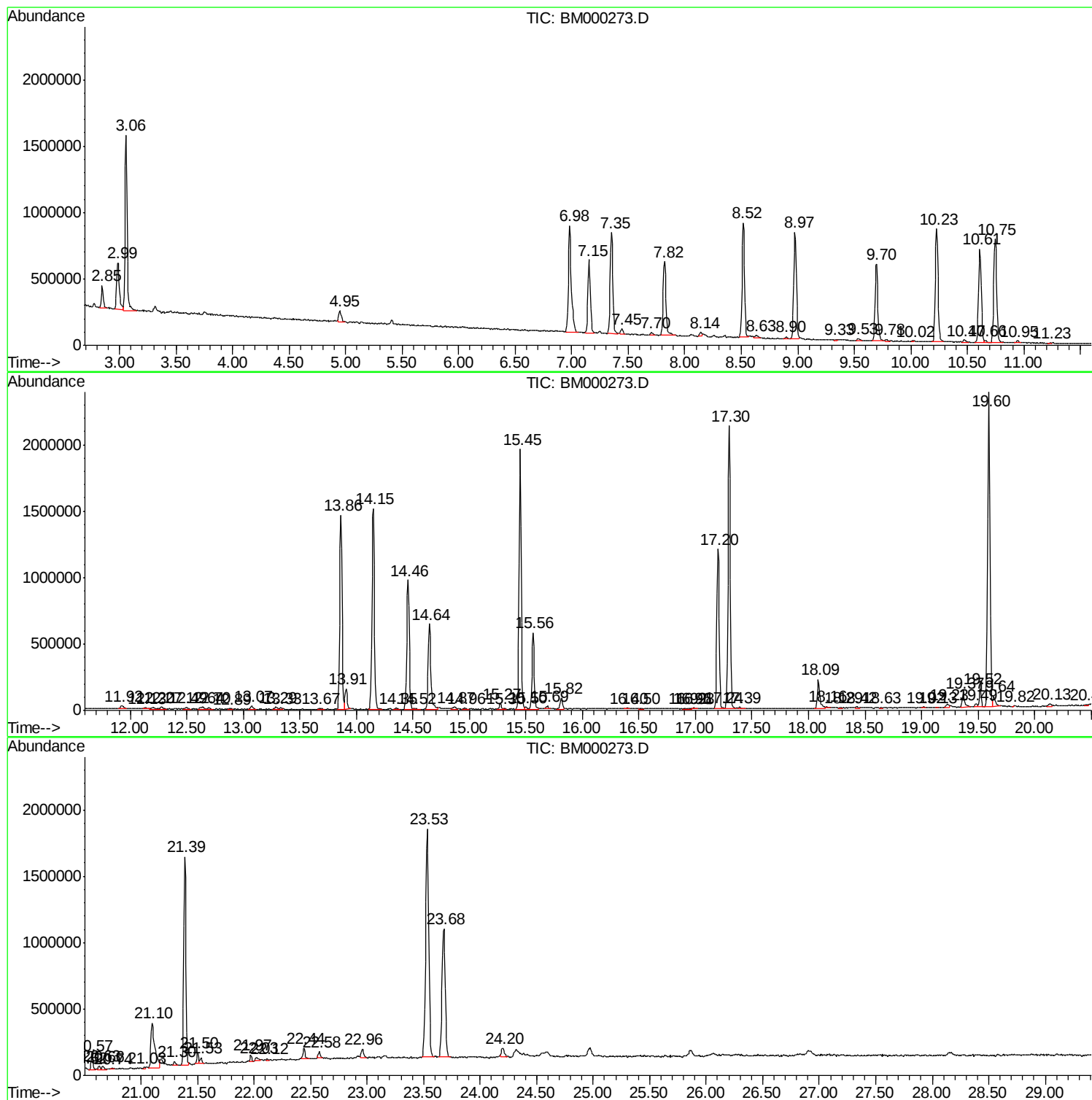
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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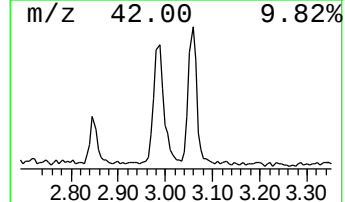
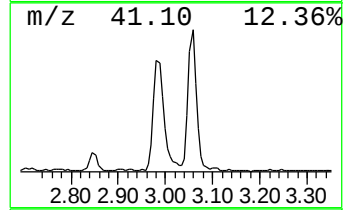
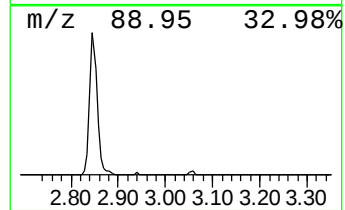
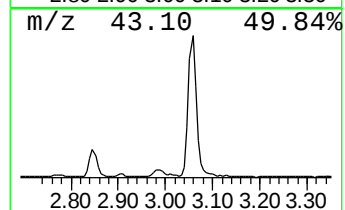
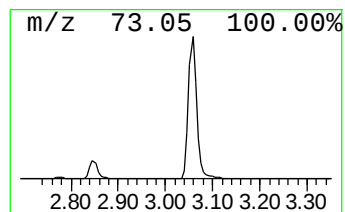
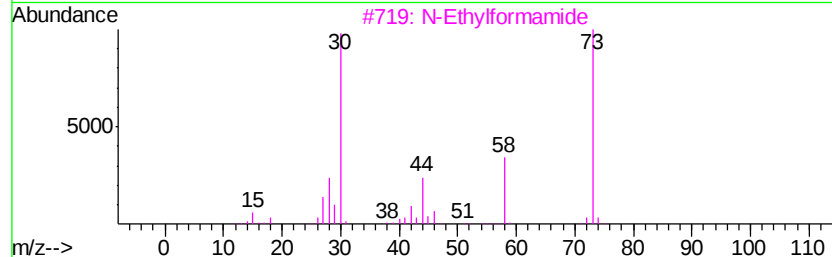
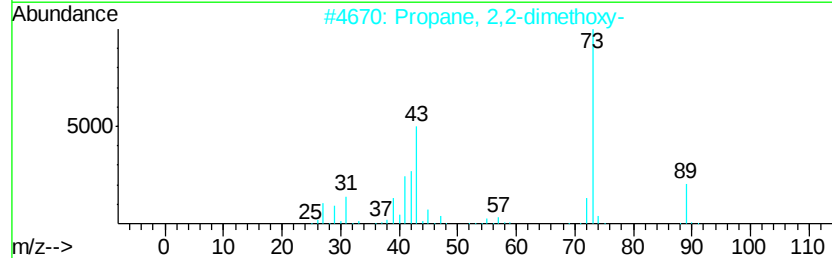
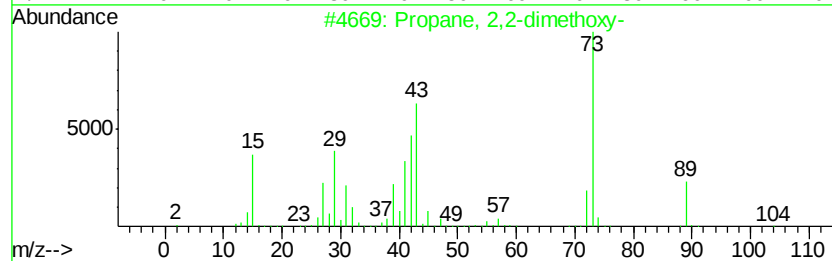
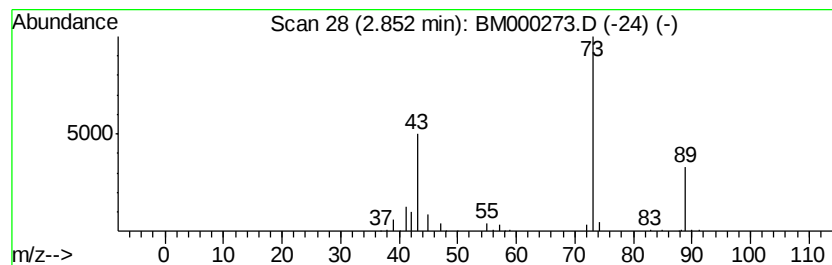
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	4.06 ng/ul	192854	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
3			N-Ethylformamide	73	C3H7NO	000627-45-2	37
4			1,3-Diaminoguanidine	89	CH7N5	004364-78-7	32
5			Butanedioic acid, hydroxy-, bis[...]	274	C14H26O5	015913-11-8	25



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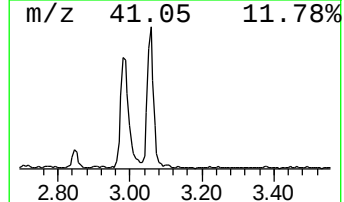
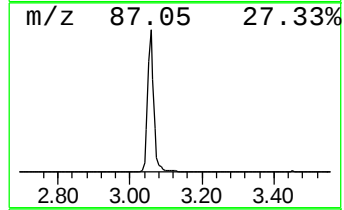
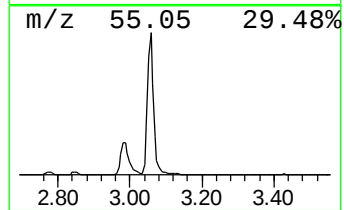
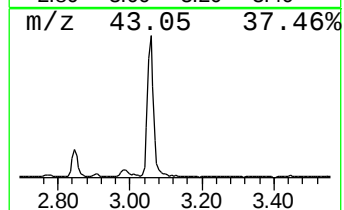
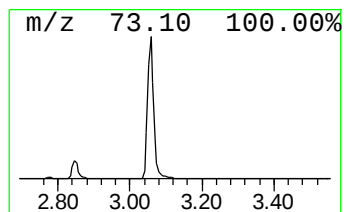
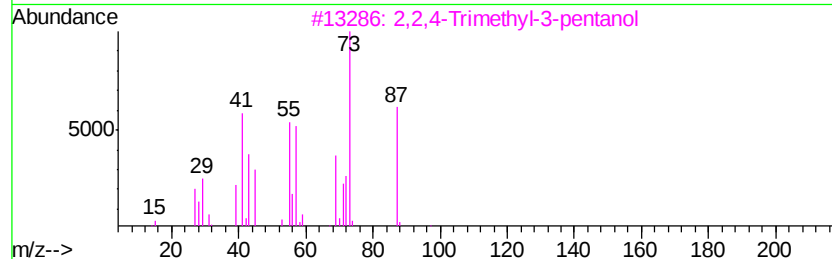
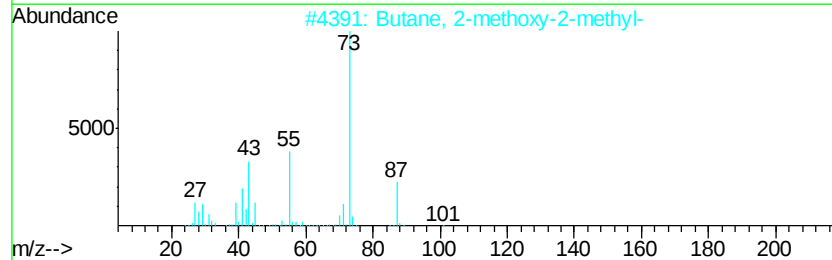
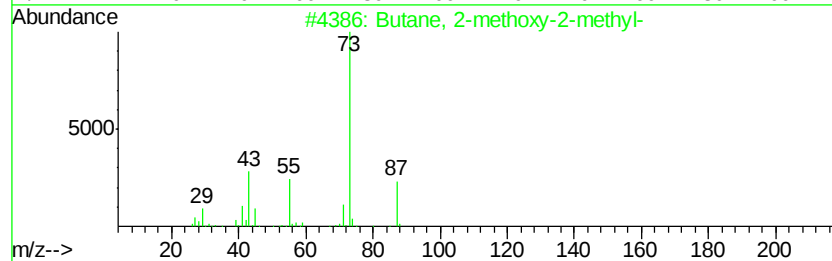
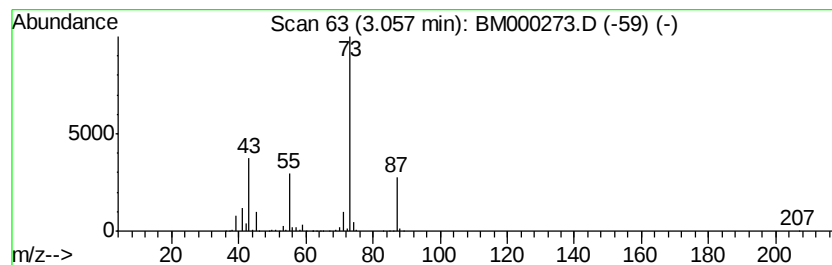
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	34.07 ng/ul	1619470	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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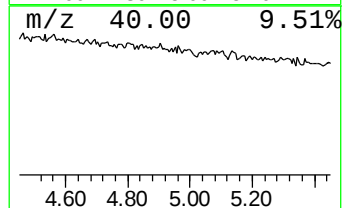
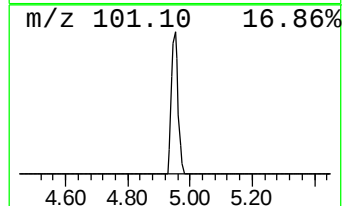
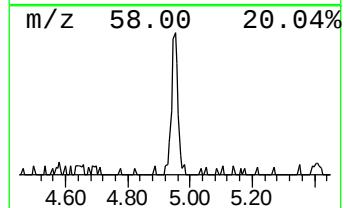
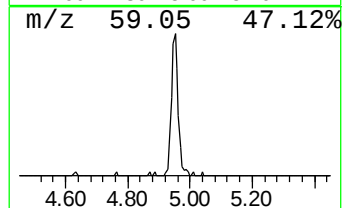
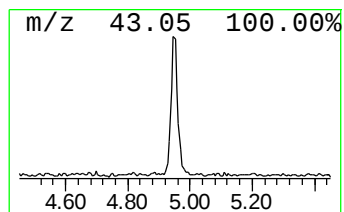
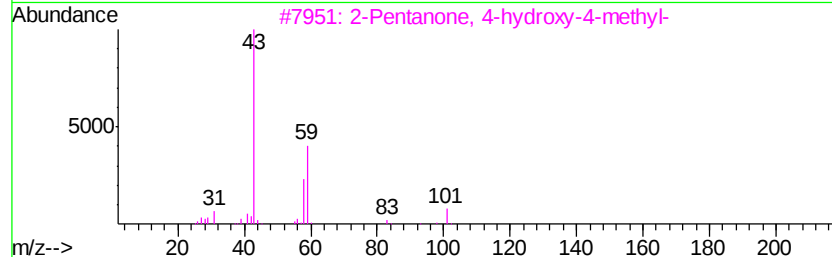
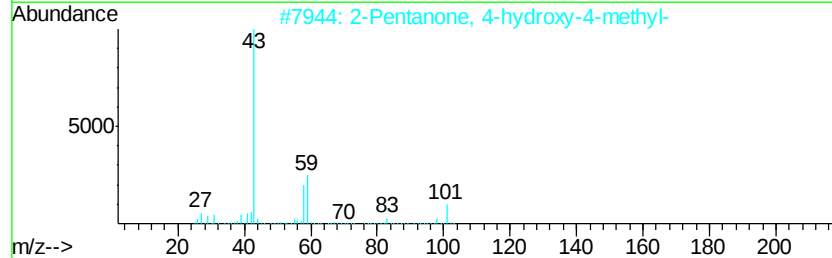
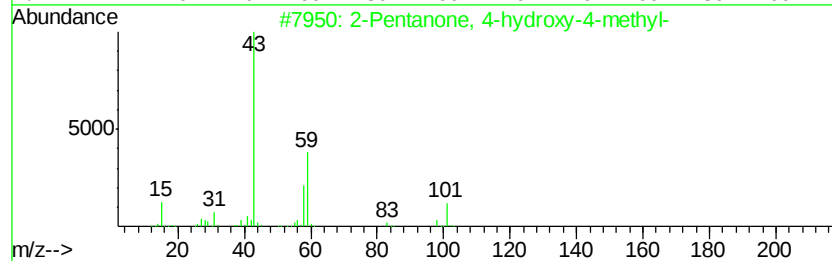
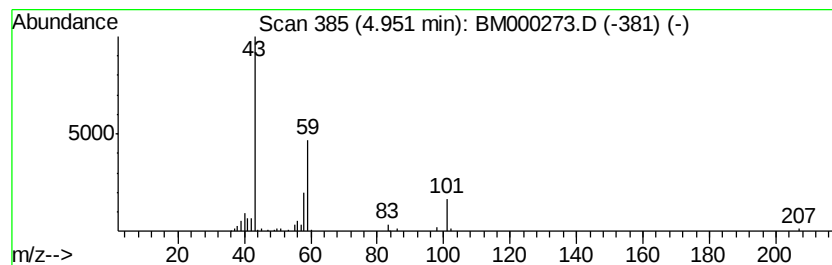
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.68 ng/ul	127185	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000273.D
Acq On : 20 Jan 2015 21:35
Operator : TP/IZ
Sample : G1102-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ClientSampled :
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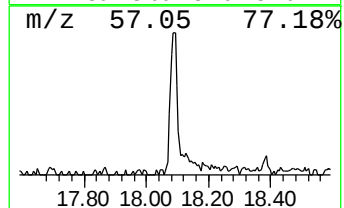
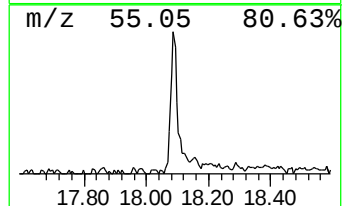
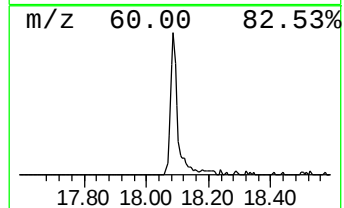
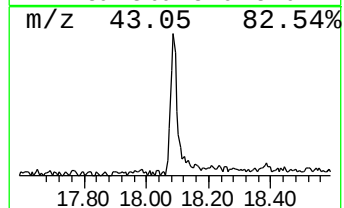
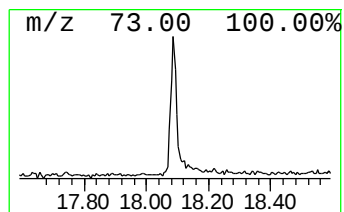
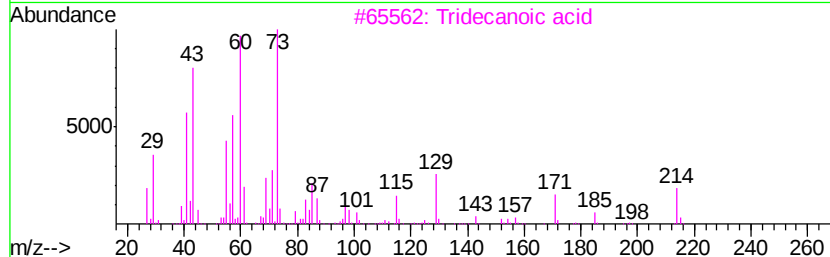
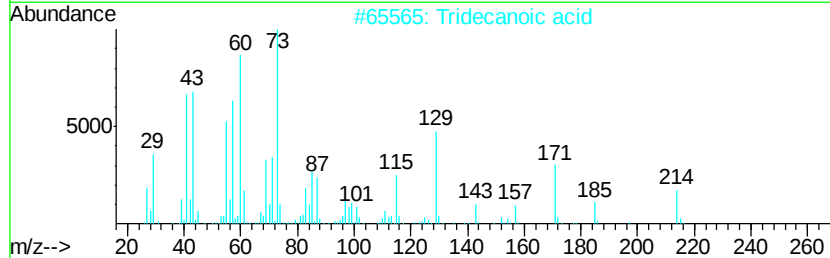
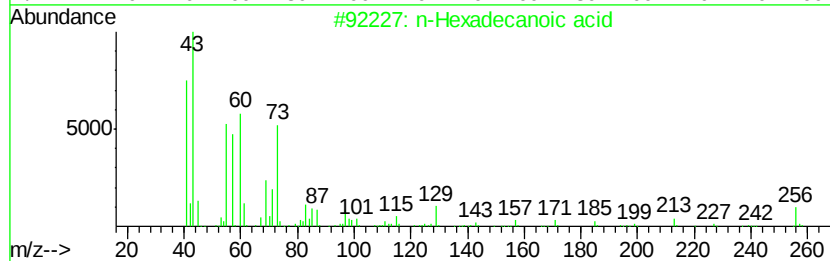
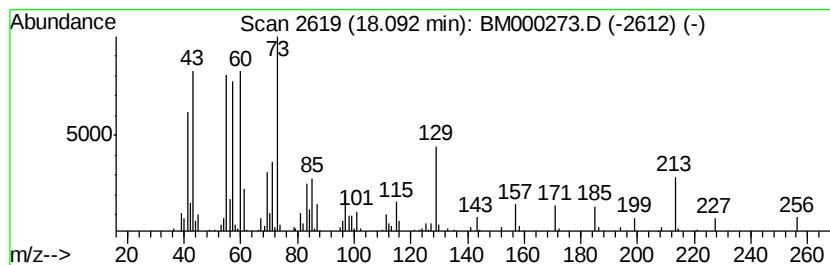
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Quant Title : SVOA CALIBRATION

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	4.03 ng/ul	344206	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000273.D
Acq On : 20 Jan 2015 21:35
Operator : TP/IZ
Sample : G1102-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AD4

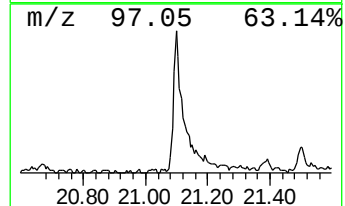
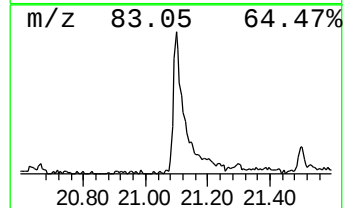
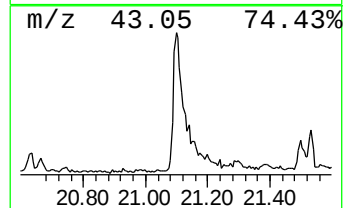
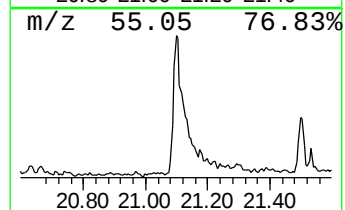
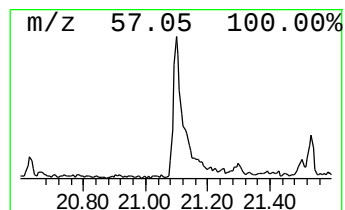
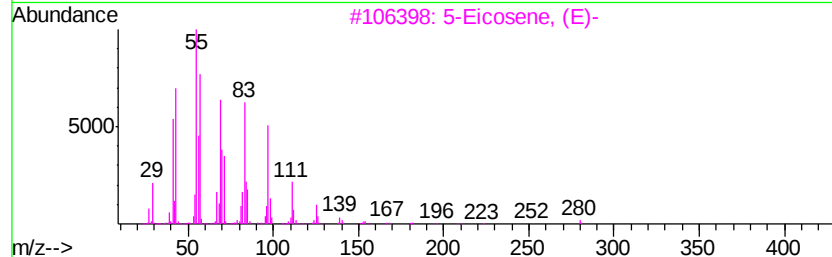
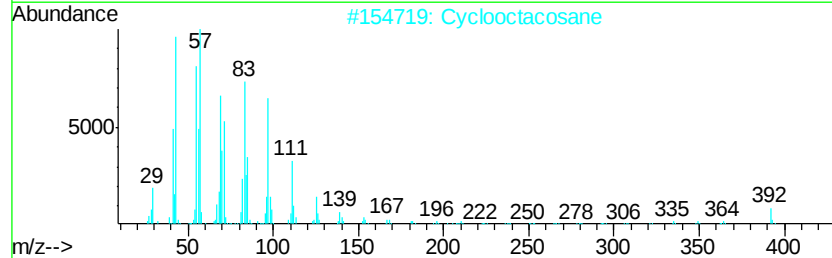
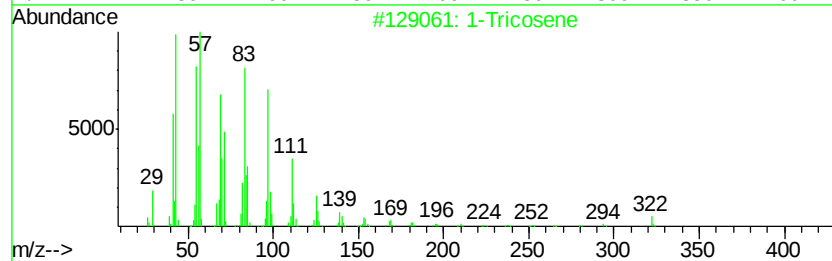
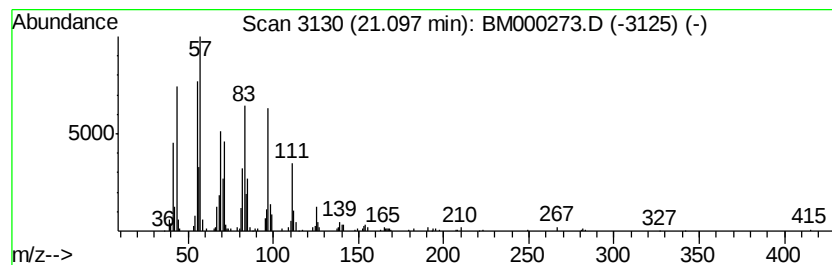
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	8.05 ng/ul	803845	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tricosene	322	C23H46	018835-32-0	91
2			Cyclooctacosane	392	C28H56	000297-24-5	91
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4			Cyclotetracosane	336	C24H48	000297-03-0	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
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Acq On : 20 Jan 2015 21:35
Operator : TP/IZ
Sample : G1102-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AD4

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
unknown-01	2.85	4.1	ng/ul	192854	1	7.82	950664	20.0
Butane, 2-methoxy...	3.06	34.1	ng/ul	1619470	1	7.82	950664	20.0
2-Pentanone, 4-hy...	4.95	2.7	ng/ul	127185	1	7.82	950664	20.0
n-Hexadecanoic acid	18.09	4.0	ng/ul	344206	4	17.20	1709000	20.0
(DEL) Alkane: Cyclic	21.10	8.1	ng/ul	803845	5	21.39	1996400	20.0