

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012815\
 Data File : BM000383.D
 Acq On : 29 Jan 2015 10:06
 Operator : TP/IZ
 Sample : G1134-16RX
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB3RX

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-BM012815.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	2.728	4	7	15	rVB	156067	200396	7.19%	0.606%
2	2.881	28	33	42	rBV	674232	978269	35.08%	2.957%
3	2.951	42	45	56	rVB	491801	591690	21.22%	1.789%
4	3.187	81	85	92	rVB	106697	150663	5.40%	0.455%
5	3.251	92	96	102	rBV7	15608	26610	0.95%	0.080%
6	3.846	194	197	199	rBV3	5726	5935	0.21%	0.018%
7	4.475	299	304	314	rVB	121959	166833	5.98%	0.504%
8	4.863	367	370	374	rBV3	12068	15852	0.57%	0.048%
9	5.357	450	454	457	rBV5	4050	6305	0.23%	0.019%
10	5.957	554	556	560	rVB4	5148	7095	0.25%	0.021%
11	6.069	574	575	579	rVB3	5681	5547	0.20%	0.017%
12	6.751	688	691	692	rBV3	5801	4776	0.17%	0.014%
13	6.904	712	717	723	rVB2	86576	140226	5.03%	0.424%
14	7.010	732	735	737	rBV3	3946	4222	0.15%	0.013%
15	7.075	740	746	755	rVV	290228	446503	16.01%	1.350%
16	7.275	772	780	789	rBV	338089	556465	19.96%	1.682%
17	7.363	791	795	801	rVB	23150	32492	1.17%	0.098%
18	7.739	853	859	868	rVB	713075	1137640	40.80%	3.439%
19	7.981	894	900	918	rBV	383329	737866	26.46%	2.231%
20	8.445	972	979	990	rBV	267237	428855	15.38%	1.296%
21	8.704	1018	1023	1024	rVB2	3612	4409	0.16%	0.013%
22	8.898	1048	1056	1063	rBV	419719	669831	24.02%	2.025%
23	8.981	1069	1070	1076	rVB3	3684	4783	0.17%	0.014%
24	9.139	1095	1097	1100	rBV2	3559	4316	0.15%	0.013%
25	9.316	1123	1127	1131	rVB4	4261	7117	0.26%	0.022%
26	9.616	1170	1178	1187	rBV	331146	551293	19.77%	1.667%
27	10.028	1245	1248	1254	rBV6	2372	4493	0.16%	0.014%
28	10.151	1261	1269	1279	rBV	547406	895350	32.11%	2.707%
29	10.533	1326	1334	1344	rVB	871765	1499806	53.78%	4.534%
30	10.669	1353	1357	1364	rBV2	23853	40262	1.44%	0.122%
31	11.280	1456	1461	1465	rBV4	4553	6384	0.23%	0.019%
32	12.121	1600	1604	1611	rBV4	9901	16515	0.59%	0.050%
33	12.733	1704	1708	1714	rBV5	6620	10280	0.37%	0.031%
34	12.986	1746	1751	1757	rBV6	12214	21748	0.78%	0.066%

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35	13.139	1776	1777	1780	rBV2	4155	4988	0.18%	0.015%
36	13.380	1812	1818	1820	rBV4	3004	4597	0.16%	0.014%
37	13.798	1882	1889	1897	rBV	1094752	1520619	54.53%	4.597%
38	14.039	1927	1930	1931	rBV2	9139	8795	0.32%	0.027%
39	14.080	1931	1937	1947	rVB	1124018	1668491	59.83%	5.044%
40	14.386	1983	1989	1998	rVV2	1239310	1917526	68.76%	5.797%
41	14.468	1998	2003	2009	rVB6	13844	21195	0.76%	0.064%
42	14.580	2017	2022	2024	rBV3	53988	82138	2.95%	0.248%
43	14.610	2024	2027	2031	rVB2	55853	72801	2.61%	0.220%
44	15.068	2101	2105	2111	rVB6	15194	23836	0.85%	0.072%
45	15.210	2125	2129	2133	rVB2	17419	23167	0.83%	0.070%
46	15.380	2149	2158	2164	rBV	1531998	2154648	77.27%	6.514%
47	15.498	2172	2178	2185	rVB	420960	549864	19.72%	1.662%
48	15.615	2192	2198	2205	rVB9	14280	25108	0.90%	0.076%
49	15.727	2216	2217	2220	rBV2	3770	4456	0.16%	0.013%
50	16.333	2319	2320	2323	rVB2	6719	4496	0.16%	0.014%
51	16.509	2346	2350	2352	rBV3	4906	5097	0.18%	0.015%
52	16.727	2383	2387	2393	rBV2	49971	56332	2.02%	0.170%
53	16.921	2416	2420	2422	rVB4	5288	5897	0.21%	0.018%
54	17.086	2443	2448	2450	rBV	51359	61102	2.19%	0.185%
55	17.127	2450	2455	2463	rVV2	1573202	2318620	83.15%	7.009%
56	17.227	2466	2472	2480	rBV	1719864	2401967	86.14%	7.261%
57	17.798	2564	2569	2575	rBV2	328916	402556	14.44%	1.217%
58	17.909	2586	2588	2595	rVB6	9480	13950	0.50%	0.042%
59	18.121	2621	2624	2627	rVB4	6171	6940	0.25%	0.021%
60	18.274	2649	2650	2655	rVB3	5959	4834	0.17%	0.015%
61	18.421	2673	2675	2679	rBV4	3291	5169	0.19%	0.016%
62	18.962	2764	2767	2768	rBV3	5220	4577	0.16%	0.014%
63	19.021	2775	2777	2780	rBV3	3769	4390	0.16%	0.013%
64	19.068	2783	2785	2789	rBV4	4044	5501	0.20%	0.017%
65	19.156	2796	2800	2805	rVB2	16566	20656	0.74%	0.062%
66	19.415	2839	2844	2849	rBV2	13286	23065	0.83%	0.070%
67	19.527	2857	2863	2871	rBV	2091231	2788549	100.00%	8.430%
68	21.315	3162	3167	3177	rBV	2165419	2741708	98.32%	8.288%
69	23.421	3518	3525	3534	rBV2	1268114	2411434	86.48%	7.290%
70	23.562	3542	3549	3558	rBV2	1241409	2329656	83.54%	7.043%

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Integration Parameters: LSCINT.P

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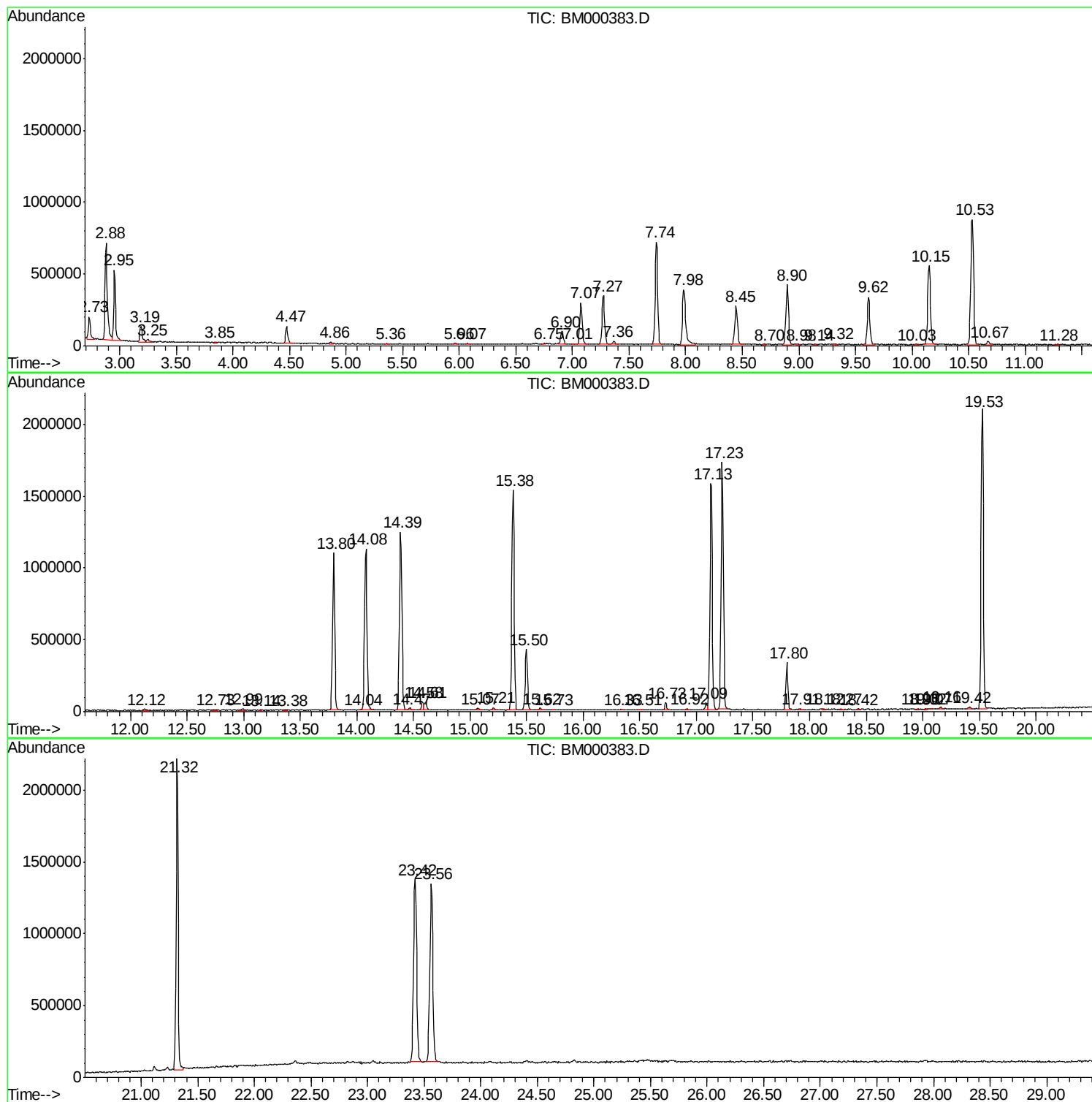
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
Quant Title : SVOA CALIBRATION

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



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Operator : TP/IZ
Sample : G1134-16RX
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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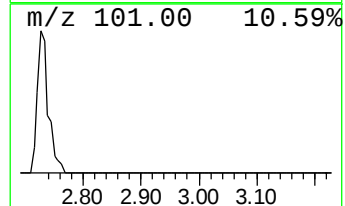
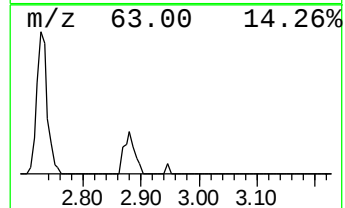
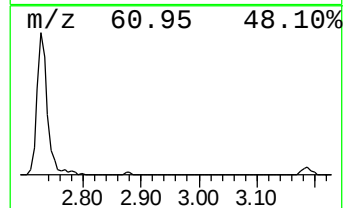
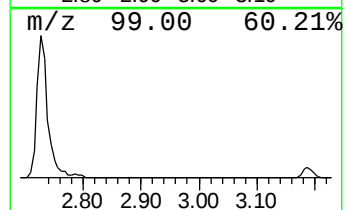
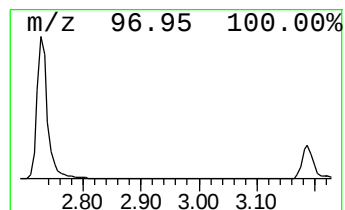
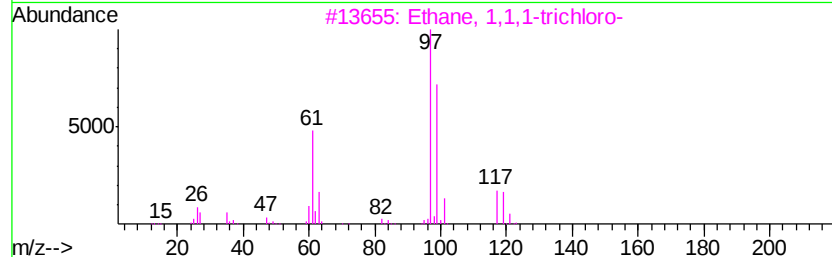
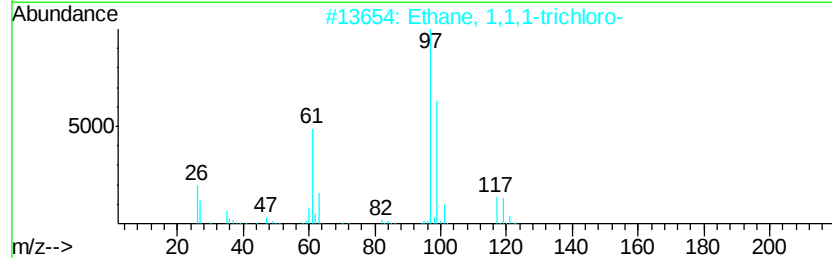
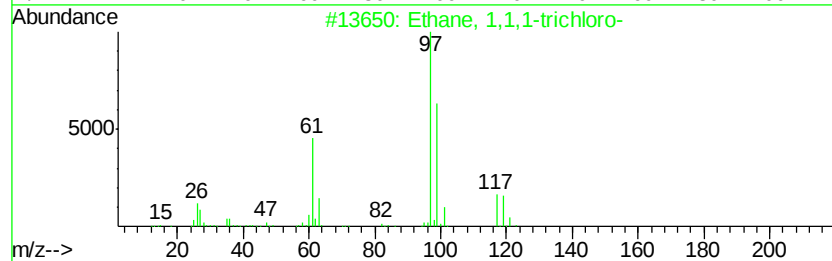
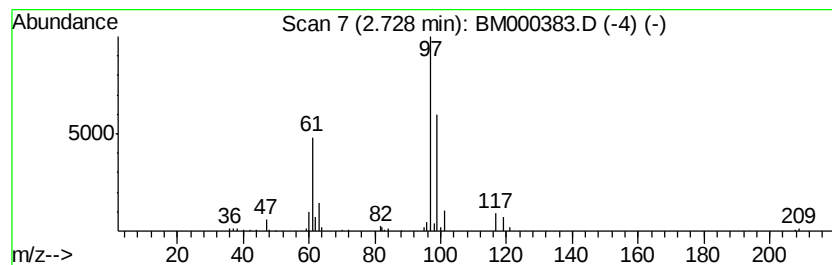
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethane, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	3.52 ng/ul	200396	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	83
2		Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	83
3		Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	83
4		Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	72
5		Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	40



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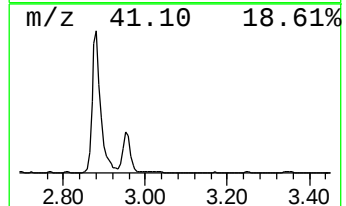
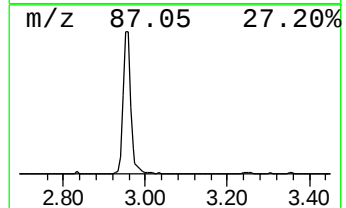
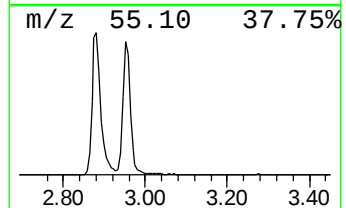
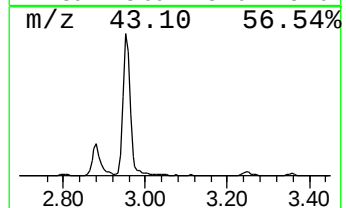
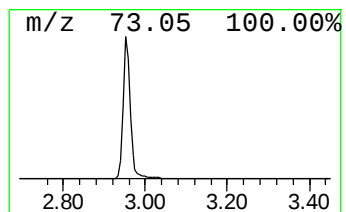
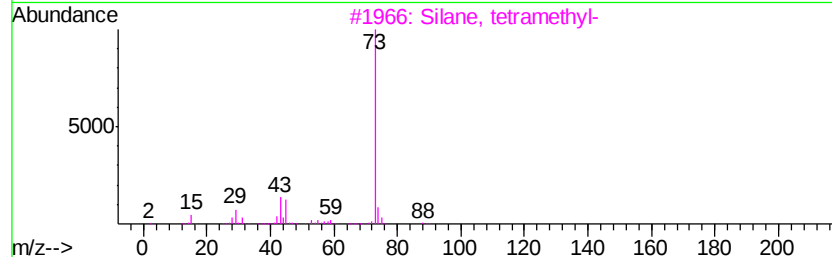
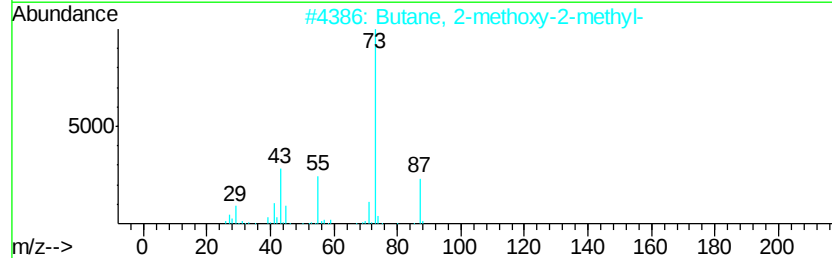
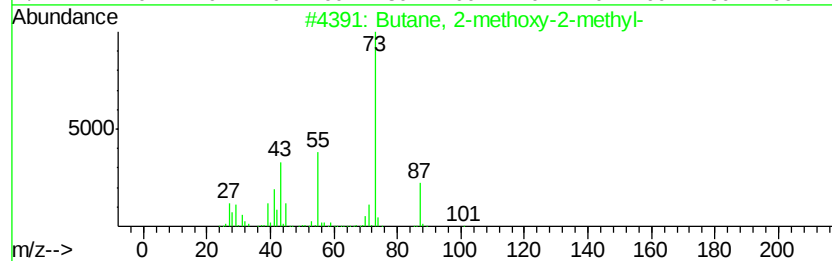
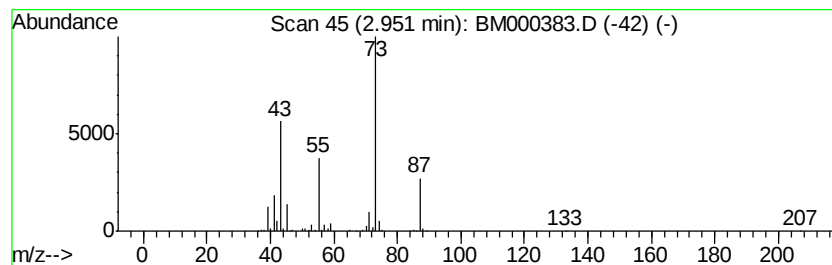
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	10.40 ng/ul	591690	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5		Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	37



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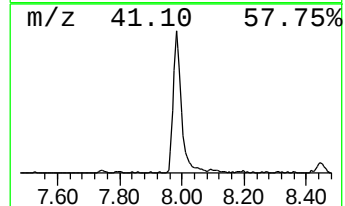
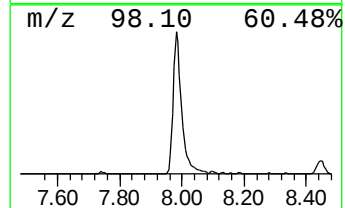
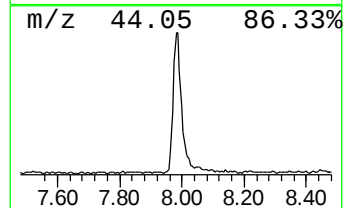
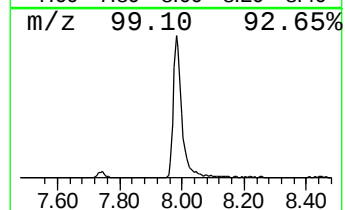
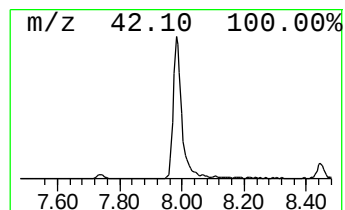
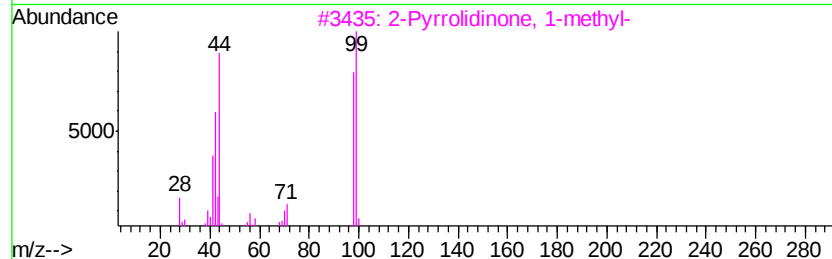
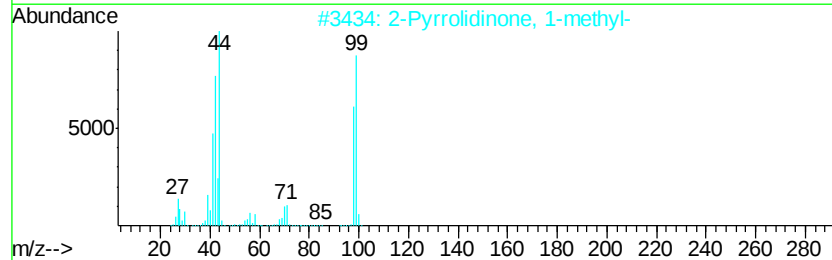
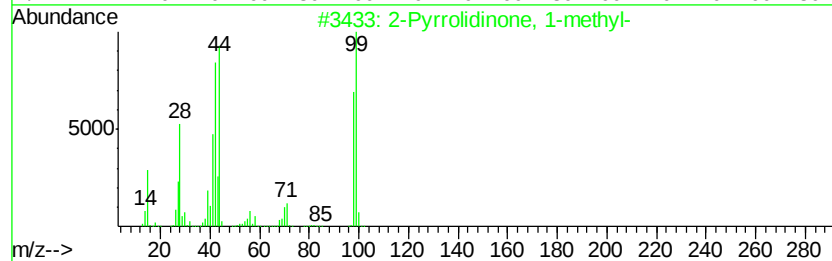
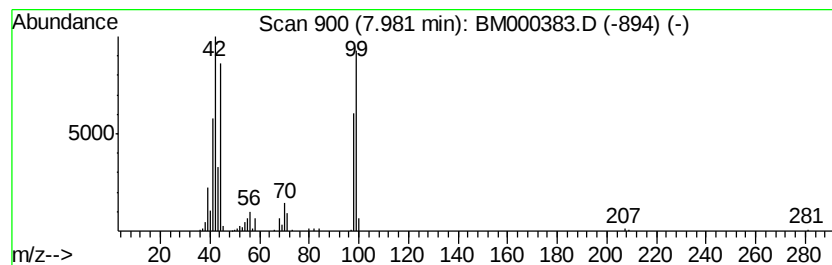
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pyrrolidinone, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	12.97 ng/ul	737866	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	91
2		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	87
3		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	87
4		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	70
5		2-Piperidinone	99	C5H9NO	000675-20-7	38



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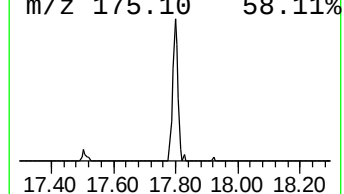
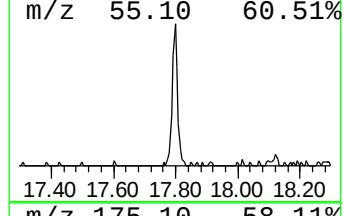
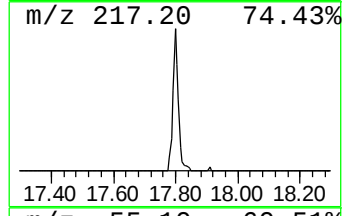
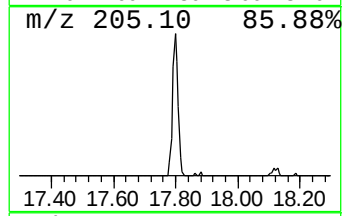
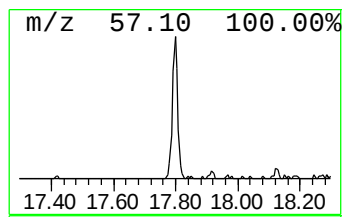
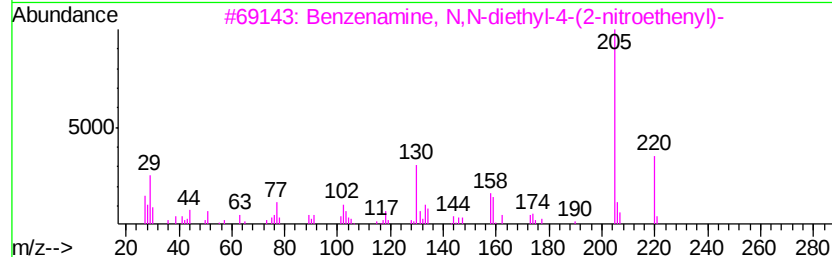
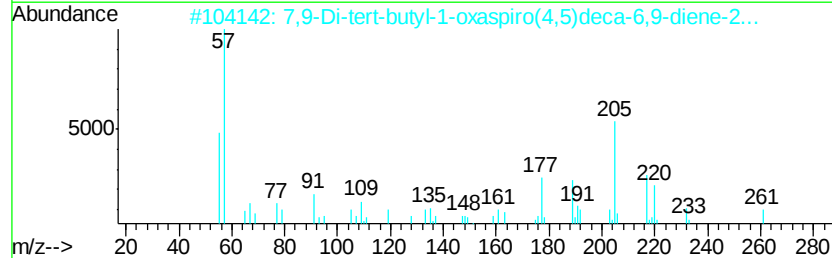
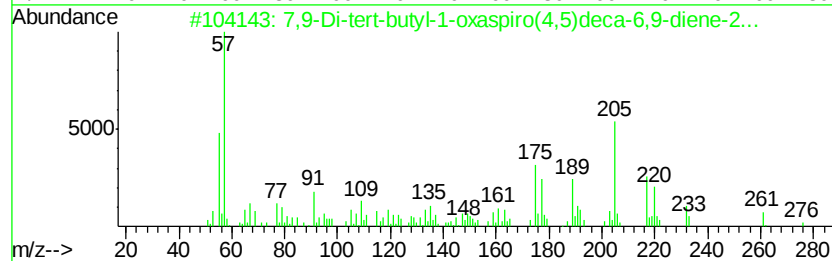
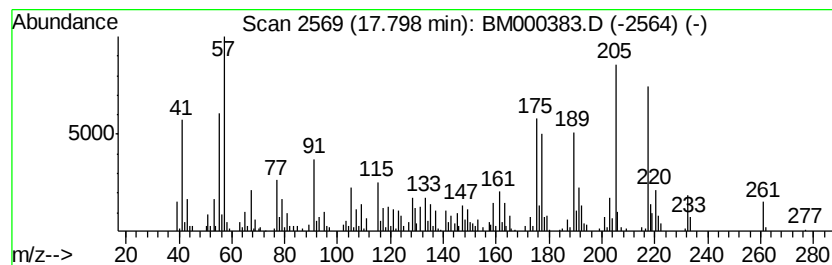
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.47 ng/ul	402556	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	43
2		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	38
3		Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	35
4		2,4-Dimethyl-5,6-dimethoxy-8-am...	232	C13H16N2O2	064993-02-8	30
5		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012815\
Data File : BM000383.D
Acq On : 29 Jan 2015 10:06
Operator : TP/IZ
Sample : G1134-16RX
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB3RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.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
Ethane, 1,1,1-tri...	2.73	3.5	ng/ul	200396	1	7.74	1137640	20.0
Butane, 2-methoxy...	2.95	10.4	ng/ul	591690	1	7.74	1137640	20.0
2-Pyrrolidinone, ...	7.98	13.0	ng/ul	737866	1	7.74	1137640	20.0
unknown-01	17.80	3.5	ng/ul	402556	4	17.13	2318620	20.0