

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
 Data File : BG018948.D
 Acq On : 28 Sep 2015 22:50
 Operator : UM/NP
 Sample : G3803-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43J5

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_G\METHODS\SOM02.2-EPA-BG091015.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	2.866	3	5	13	rVB4	6685	9543	0.55%	0.056%
2	3.090	34	43	50	rBV2	83576	168993	9.74%	1.001%
3	3.160	50	55	71	rVB	369886	544392	31.36%	3.223%
4	3.460	103	106	110	rVV4	4850	6700	0.39%	0.040%
5	5.093	380	384	388	rBV3	2918	5353	0.31%	0.032%
6	5.305	417	420	425	rVB	5100	7518	0.43%	0.045%
7	5.628	469	475	486	rBV	30017	64100	3.69%	0.380%
8	6.962	699	702	709	rVB2	3392	6554	0.38%	0.039%
9	7.073	716	721	726	rVV	14940	21821	1.26%	0.129%
10	7.161	726	736	740	rVV	38344	76516	4.41%	0.453%
11	7.208	740	744	749	rVB2	21878	35855	2.07%	0.212%
12	7.308	754	761	767	rVV	149872	249289	14.36%	1.476%
13	7.373	769	772	781	rVB	19965	31025	1.79%	0.184%
14	7.520	789	797	806	rBV	146357	258283	14.88%	1.529%
15	7.631	810	816	823	rVB	73722	116254	6.70%	0.688%
16	7.984	869	876	890	rVV	167351	301194	17.35%	1.783%
17	8.101	890	896	906	rVB	51825	91927	5.30%	0.544%
18	8.360	934	940	946	rBV2	7989	16131	0.93%	0.096%
19	8.536	965	970	977	rBV2	4744	7043	0.41%	0.042%
20	8.619	981	984	990	rVB4	7705	11048	0.64%	0.065%
21	8.695	990	997	1005	rBV	130914	226448	13.05%	1.341%
22	8.789	1008	1013	1020	rVB4	3108	6932	0.40%	0.041%
23	8.936	1033	1038	1043	rBV3	3573	5819	0.34%	0.034%
24	8.983	1043	1046	1054	rVB2	3317	5448	0.31%	0.032%
25	9.094	1057	1065	1068	rBV2	7016	13616	0.78%	0.081%
26	9.141	1068	1073	1083	rVB	170564	313368	18.05%	1.855%
27	9.347	1100	1108	1112	rVB6	3948	6913	0.40%	0.041%
28	9.553	1138	1143	1149	rBV4	4747	8086	0.47%	0.048%
29	9.670	1157	1163	1169	rVB3	5660	9044	0.52%	0.054%
30	9.870	1190	1197	1207	rVB	145874	262338	15.11%	1.553%
31	10.035	1218	1225	1226	rBV4	6761	10663	0.61%	0.063%
32	10.193	1245	1252	1261	rVB4	23988	41978	2.42%	0.249%
33	10.334	1270	1276	1279	rBV4	5986	10722	0.62%	0.063%
34	10.411	1282	1289	1298	rBV	237939	430313	24.79%	2.548%

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35	10.787	1345	1353	1358	rBV	259957	461068	26.56%	2.730%
36	10.834	1358	1361	1368	rVB	32949	59488	3.43%	0.352%
37	10.922	1368	1376	1387	rBV2	16333	36122	2.08%	0.214%
38	11.509	1468	1476	1479	rBV5	3105	6825	0.39%	0.040%
39	11.932	1544	1548	1555	rVV5	3455	6785	0.39%	0.040%
40	12.015	1558	1562	1573	rVB6	9157	26127	1.51%	0.155%
41	12.120	1573	1580	1586	rVB4	5896	11357	0.65%	0.067%
42	12.220	1594	1597	1602	rVB2	3709	5397	0.31%	0.032%
43	12.443	1630	1635	1644	rBV2	8245	14166	0.82%	0.084%
44	12.655	1666	1671	1677	rBV4	7114	12874	0.74%	0.076%
45	12.966	1721	1724	1728	rVB3	3680	5347	0.31%	0.032%
46	13.213	1763	1766	1772	rVB3	6462	10088	0.58%	0.060%
47	13.442	1797	1805	1809	rBV3	3117	7062	0.41%	0.042%
48	14.012	1892	1902	1907	rVV	552606	781216	45.01%	4.625%
49	14.059	1907	1910	1917	rVB	36354	48518	2.80%	0.287%
50	14.306	1946	1952	1962	rVV	617054	945104	54.45%	5.596%
51	14.500	1981	1985	1988	rBV4	4625	5292	0.30%	0.031%
52	14.612	1998	2004	2011	rVB2	481546	751915	43.32%	4.452%
53	14.823	2033	2040	2048	rBV2	40597	75970	4.38%	0.450%
54	14.935	2052	2059	2061	rVV8	4843	8202	0.47%	0.049%
55	15.340	2124	2128	2134	rBV	16079	23017	1.33%	0.136%
56	15.416	2139	2141	2144	rVV2	5938	7218	0.42%	0.043%
57	15.446	2144	2146	2152	rVV5	8712	12141	0.70%	0.072%
58	15.510	2152	2157	2160	rVV3	5447	7871	0.45%	0.047%
59	15.552	2160	2164	2166	rVV5	5414	6342	0.37%	0.038%
60	15.604	2166	2173	2179	rVV	815693	1241778	71.54%	7.352%
61	15.722	2187	2193	2201	rVV	203952	297288	17.13%	1.760%
62	15.804	2203	2207	2210	rVV	35454	48982	2.82%	0.290%
63	15.834	2210	2212	2222	rVV8	17566	31423	1.81%	0.186%
64	16.110	2253	2259	2264	rVV	116383	165279	9.52%	0.979%
65	16.157	2264	2267	2271	rVV2	13740	17449	1.01%	0.103%
66	16.286	2282	2289	2300	rBV2	44385	92576	5.33%	0.548%
67	16.433	2311	2314	2319	rVB	8966	12146	0.70%	0.072%
68	16.486	2319	2323	2328	rBV5	11264	16815	0.97%	0.100%
69	16.615	2340	2345	2353	rBV	88257	131582	7.58%	0.779%
70	16.709	2359	2361	2365	rBV5	4263	5558	0.32%	0.033%
71	17.009	2407	2412	2413	rBV5	4309	5981	0.34%	0.035%

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72	17.097	2424	2427	2432	rVB4	11210	14082	0.81%	0.083%
73	17.138	2432	2434	2439	rVB4	6409	8144	0.47%	0.048%
74	17.226	2446	2449	2456	rVB7	5436	8976	0.52%	0.053%
75	17.355	2462	2471	2481	rBV	693539	1037547	59.77%	6.143%
76	17.449	2481	2487	2498	rVV	553096	868991	50.06%	5.145%
77	17.584	2504	2510	2515	rBV5	9249	15210	0.88%	0.090%
78	17.661	2518	2523	2527	rVB6	5861	7355	0.42%	0.044%
79	18.583	2675	2680	2681	rBV4	9323	11130	0.64%	0.066%
80	18.730	2701	2705	2708	rVB6	8678	9974	0.57%	0.059%
81	18.818	2714	2720	2725	rBV7	6673	13034	0.75%	0.077%
82	19.012	2750	2753	2758	rVB5	7314	10057	0.58%	0.060%
83	19.153	2773	2777	2781	rBV6	6975	10439	0.60%	0.062%
84	19.623	2851	2857	2862	rBV	12140	23403	1.35%	0.139%
85	19.735	2870	2876	2890	rBV	1208127	1735773	100.00%	10.277%
86	20.176	2947	2951	2955	rBV4	9966	12117	0.70%	0.072%
87	20.728	3042	3045	3051	rBV3	36499	49605	2.86%	0.294%
88	21.245	3130	3133	3140	rVB7	11891	18578	1.07%	0.110%
89	21.486	3172	3174	3179	rVB4	9250	10886	0.63%	0.064%
90	21.609	3188	3195	3203	rBV	801466	1300521	74.92%	7.700%
91	21.785	3222	3225	3228	rBV5	8513	13456	0.78%	0.080%
92	23.666	3543	3545	3547	rBV3	7265	7956	0.46%	0.047%
93	24.565	3687	3698	3710	rBV	565072	1539387	88.69%	9.114%
94	24.782	3723	3735	3752	rVB	480993	1344304	77.45%	7.959%
95	25.628	3877	3879	3883	rBV5	4411	6322	0.36%	0.037%
96	26.409	4010	4012	4015	rBV5	4396	5821	0.34%	0.034%
97	29.647	4562	4563	4566	rBV3	4873	5924	0.34%	0.035%
98	29.847	4595	4597	4601	rBV4	3819	6092	0.35%	0.036%
99	29.958	4613	4616	4617	rBV3	5200	5366	0.31%	0.032%
100	31.063	4803	4804	4807	rBV3	5140	6261	0.36%	0.037%

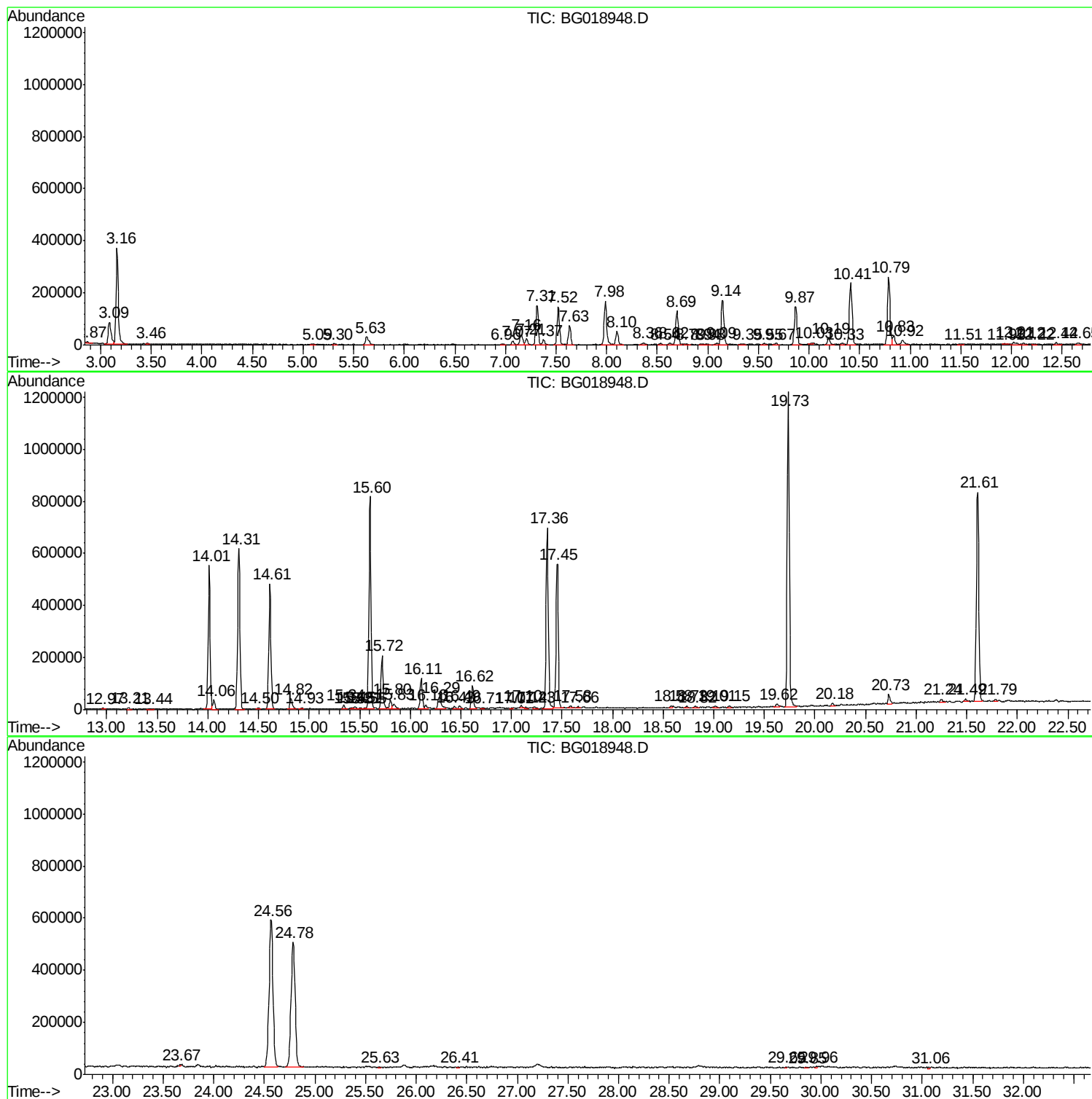
Sum of corrected areas: 16890307

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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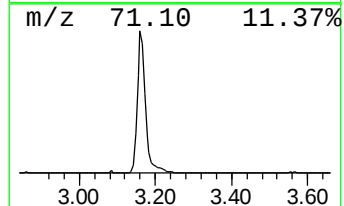
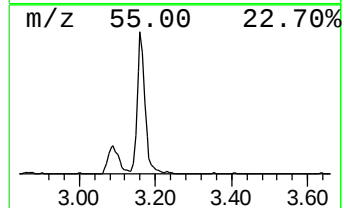
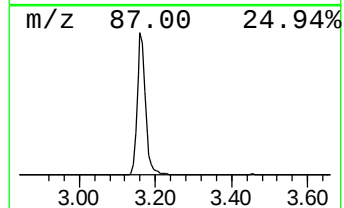
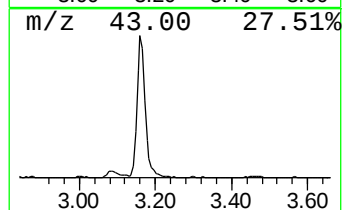
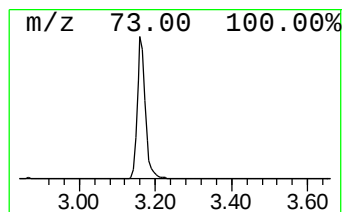
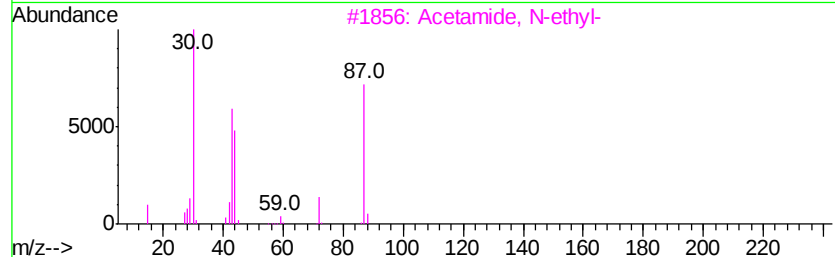
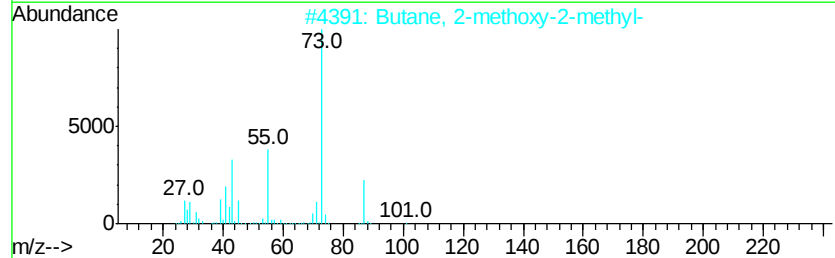
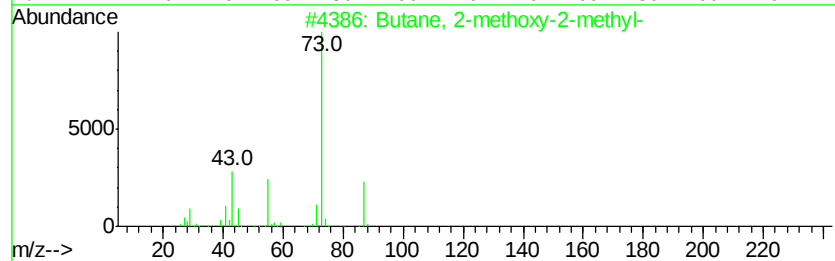
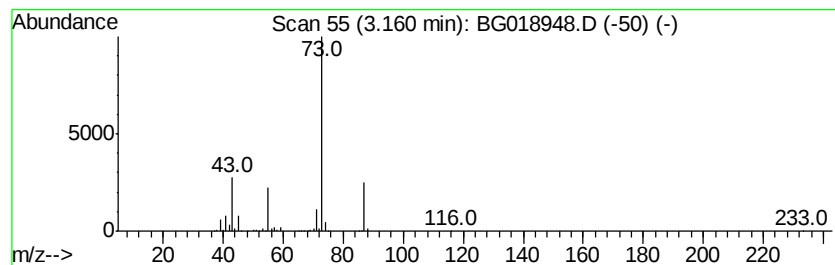
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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.
3.16	36.15 ng/ul	544392	1,4-Dichlorobenzene-d4	7.98

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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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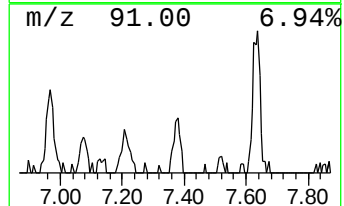
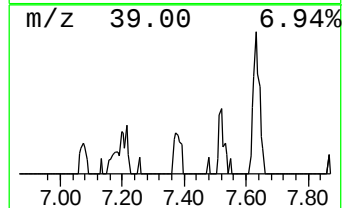
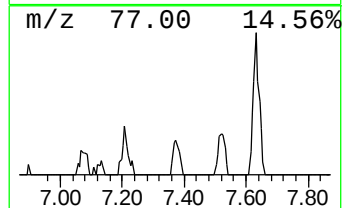
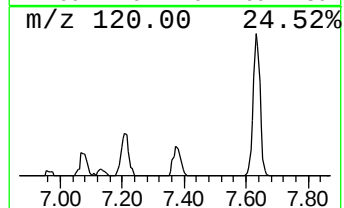
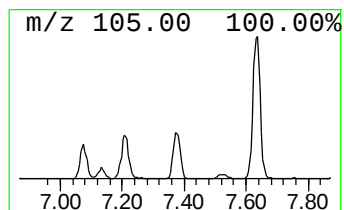
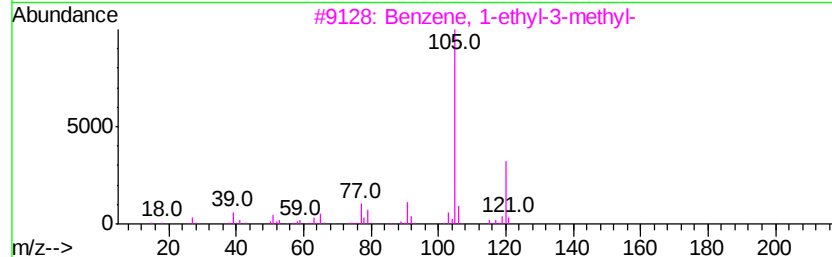
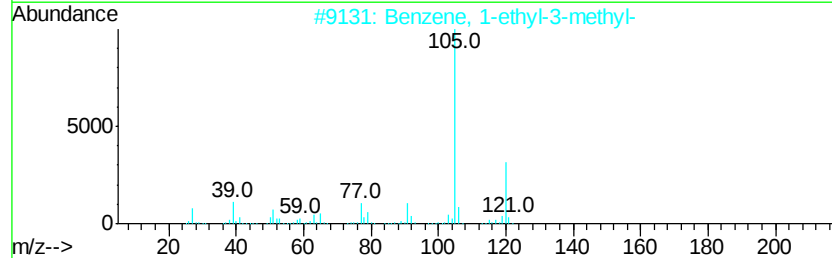
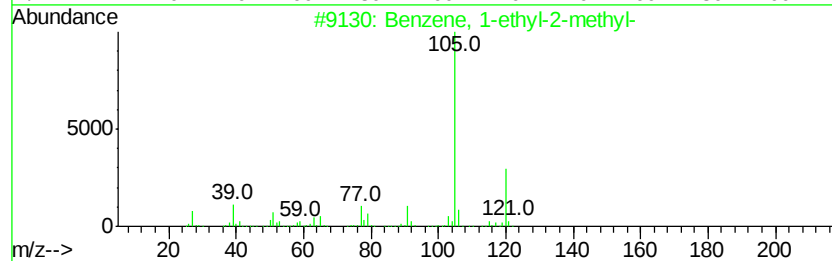
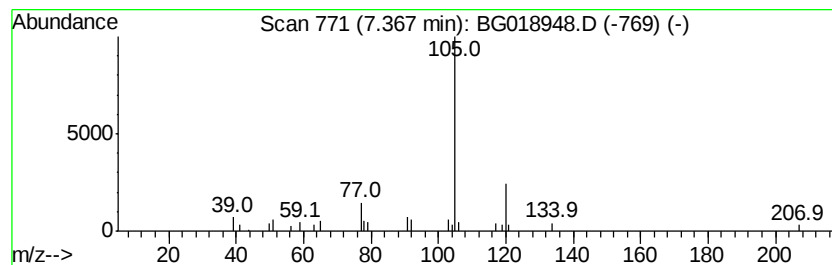
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	2.06 ng/ul	31025	1,4-Dichlorobenzene-d4	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81



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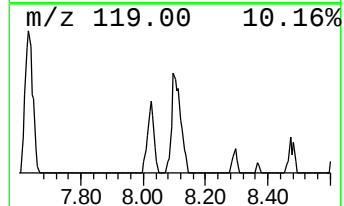
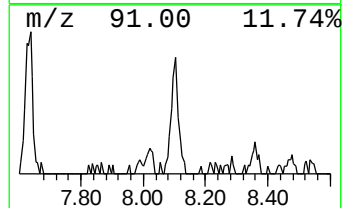
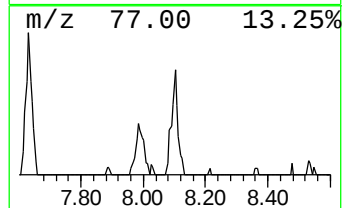
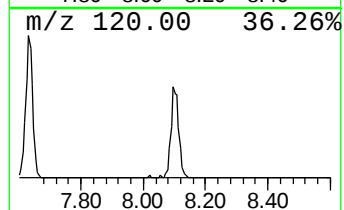
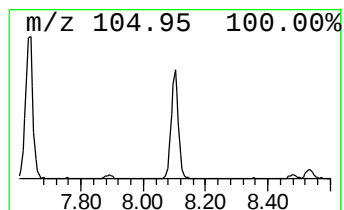
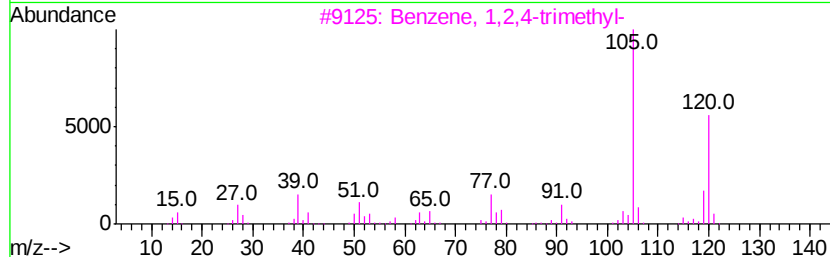
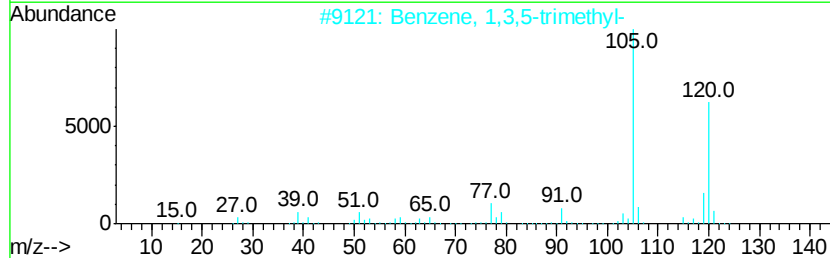
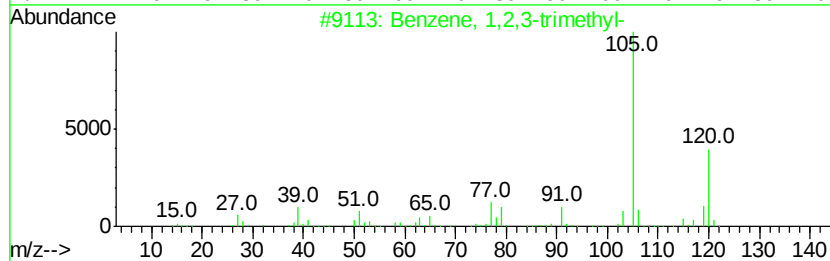
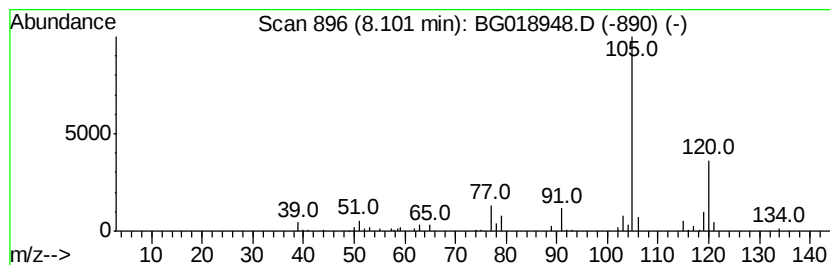
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	6.10 ng/ul	91927	1,4-Dichlorobenzene-d4	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
Data File : BG018948.D
Acq On : 28 Sep 2015 22:50
Operator : UM/NP
Sample : G3803-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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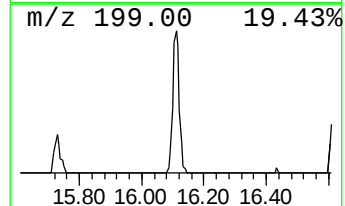
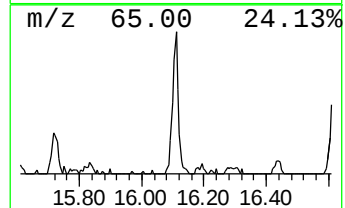
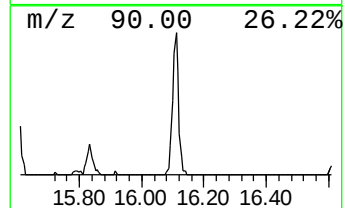
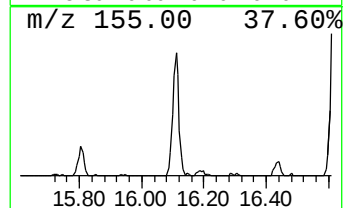
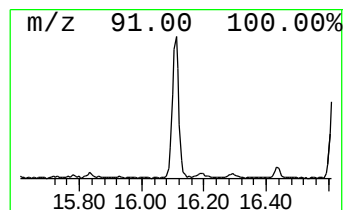
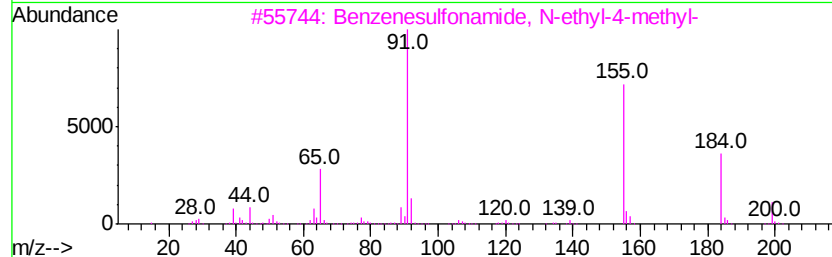
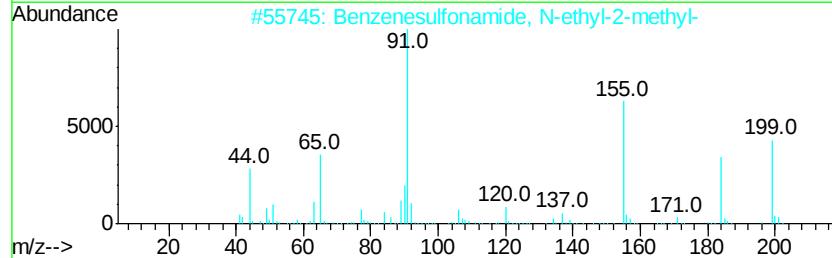
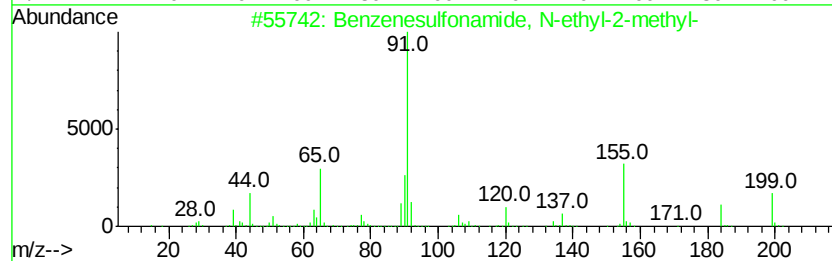
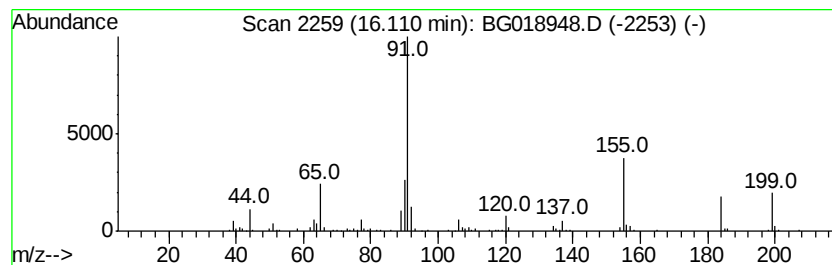
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzenesulfonamide, N-ethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.19 ng/ul	165279	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	97
2		Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	64
3		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	59
4		Benzene, 1-[(chloromethyl)sulfon...	204	C8H9ClO2S	007569-26-8	47
5		p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
Data File : BG018948.D
Acq On : 28 Sep 2015 22:50
Operator : UM/NP
Sample : G3803-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J5

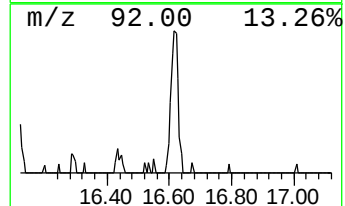
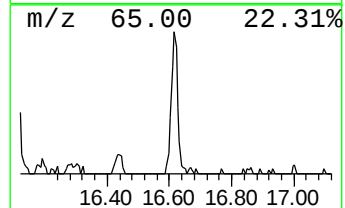
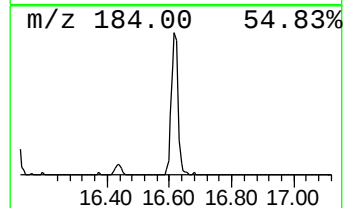
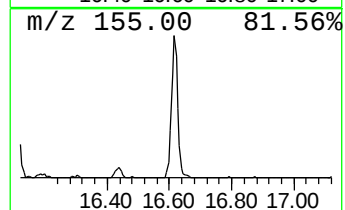
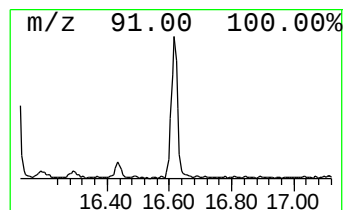
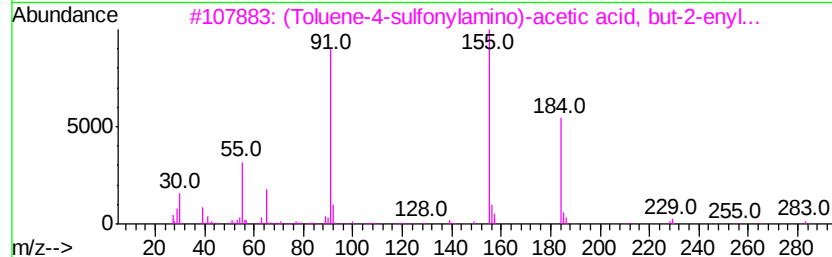
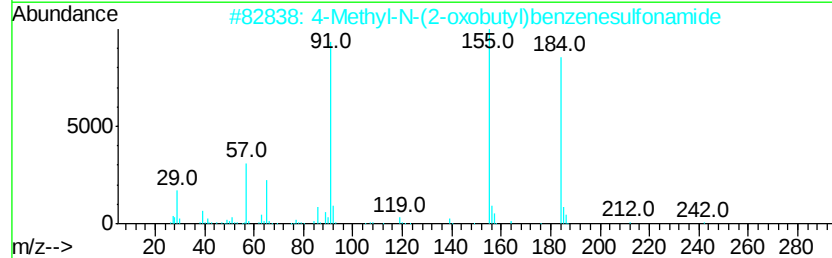
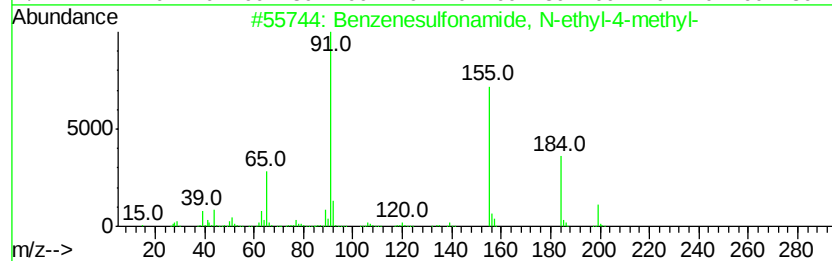
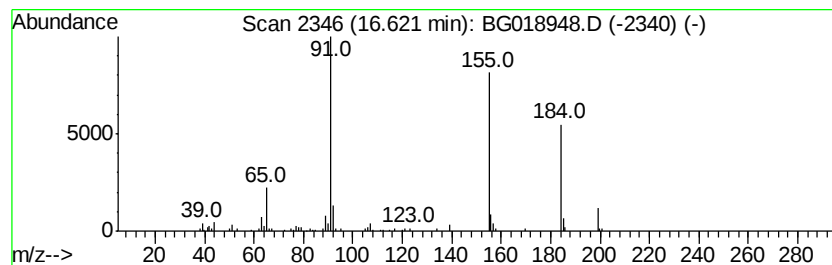
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzenesulfonamide, N-ethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.54 ng/ul	131582	Phenanthrene-d10	17.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	87
2			4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	64
3			(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	64
4			Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	58
5			(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092815\
Data File : BG018948.D
Acq On : 28 Sep 2015 22:50
Operator : UM/NP
Sample : G3803-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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...	3.16	36.1	ng/ul	544392	1	7.98	301194	20.0
Benzene, 1-ethyl-...	7.37	2.1	ng/ul	31025	1	7.98	301194	20.0
Benzene, 1,2,3-tr...	8.10	6.1	ng/ul	91927	1	7.98	301194	20.0
Benzenesulfonamid...	16.11	3.2	ng/ul	165279	4	17.36	1037550	20.0
Benzenesulfonamid...	16.62	2.5	ng/ul	131582	4	17.36	1037550	20.0