

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
 Data File : BG018950.D
 Acq On : 29 Sep 2015 00:06
 Operator : UM/NP
 Sample : G3803-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43J7

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	3.087	36	42	50	rVV	79904	156083	5.58%	0.732%
2	3.164	50	55	70	rVB	340927	505134	18.05%	2.369%
3	5.308	415	420	428	rVB6	2588	5789	0.21%	0.027%
4	5.637	470	476	483	rVB3	9217	25537	0.91%	0.120%
5	6.965	697	702	707	rBV5	2980	5486	0.20%	0.026%
6	7.159	727	735	742	rBV	40217	78612	2.81%	0.369%
7	7.312	754	761	768	rBV	165988	271970	9.72%	1.275%
8	7.523	790	797	807	rBV	152648	261751	9.35%	1.228%
9	7.635	810	816	825	rVV	10883	19748	0.71%	0.093%
10	7.987	869	876	885	rVV	179392	312047	11.15%	1.463%
11	8.046	885	886	891	rVV4	3662	5314	0.19%	0.025%
12	8.099	891	895	905	rVB5	5093	11798	0.42%	0.055%
13	8.434	946	952	957	rVV3	18009	29834	1.07%	0.140%
14	8.493	957	962	965	rVV5	5515	9769	0.35%	0.046%
15	8.692	990	996	1007	rVV2	132850	233677	8.35%	1.096%
16	9.145	1066	1073	1082	rVB	188738	329409	11.77%	1.545%
17	9.415	1111	1119	1121	rBV5	4442	7051	0.25%	0.033%
18	9.433	1121	1122	1128	rVB3	5677	7327	0.26%	0.034%
19	9.556	1138	1143	1149	rVV2	10098	14713	0.53%	0.069%
20	9.615	1149	1153	1159	rVB5	2778	5414	0.19%	0.025%
21	9.868	1189	1196	1204	rBV	157722	282392	10.09%	1.324%
22	10.050	1224	1227	1231	rVB5	3769	6557	0.23%	0.031%
23	10.197	1246	1252	1259	rVB3	31357	57317	2.05%	0.269%
24	10.332	1268	1275	1280	rVB6	7764	14659	0.52%	0.069%
25	10.414	1280	1289	1298	rBV	253212	454743	16.25%	2.133%
26	10.649	1324	1329	1332	rBV4	6655	13466	0.48%	0.063%
27	10.790	1346	1353	1358	rBV	274157	495462	17.70%	2.324%
28	10.837	1358	1361	1368	rVB	28027	46659	1.67%	0.219%
29	10.919	1368	1375	1387	rVB6	31445	68650	2.45%	0.322%
30	11.501	1471	1474	1480	rBV6	4323	8177	0.29%	0.038%
31	11.607	1486	1492	1498	rBV7	4563	10464	0.37%	0.049%
32	11.936	1544	1548	1553	rVB5	4741	7297	0.26%	0.034%
33	12.024	1557	1563	1565	rVV5	11597	20336	0.73%	0.095%
34	12.047	1565	1567	1572	rVB4	17172	19653	0.70%	0.092%

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35	12.100	1572	1576	1577	rBV4	5675	7280	0.26%	0.034%
36	12.124	1577	1580	1586	rVB2	7899	13760	0.49%	0.065%
37	12.329	1612	1615	1620	rVB7	3345	5410	0.19%	0.025%
38	12.441	1631	1634	1639	rVB6	4111	5948	0.21%	0.028%
39	12.653	1666	1670	1676	rVB6	5846	10471	0.37%	0.049%
40	12.964	1721	1723	1725	rBV6	191138	69249	2.47%	0.325%
41	13.217	1758	1766	1771	rBV9	5419	12561	0.45%	0.059%
42	14.016	1895	1902	1906	rBV	581407	833635	29.79%	3.909%
43	14.063	1906	1910	1915	rVV	52934	78079	2.79%	0.366%
44	14.133	1918	1922	1927	rVB5	4694	8473	0.30%	0.040%
45	14.309	1945	1952	1960	rVB	820903	1301900	46.52%	6.105%
46	14.497	1980	1984	1988	rBV4	5169	6876	0.25%	0.032%
47	14.615	1997	2004	2011	rVV2	478854	785565	28.07%	3.684%
48	14.826	2034	2040	2047	rBV2	43866	79548	2.84%	0.373%
49	15.138	2087	2093	2094	rBV3	4642	5502	0.20%	0.026%
50	15.343	2122	2128	2133	rVB	25128	36270	1.30%	0.170%
51	15.420	2135	2141	2143	rVV2	6899	11025	0.39%	0.052%
52	15.443	2143	2145	2150	rVV6	6942	9822	0.35%	0.046%
53	15.602	2166	2172	2179	rVB	1269409	1882869	67.28%	8.830%
54	15.720	2187	2192	2201	rVV	286301	432882	15.47%	2.030%
55	15.808	2203	2207	2210	rVV	37500	55504	1.98%	0.260%
56	15.837	2210	2212	2219	rVB4	20698	34544	1.23%	0.162%
57	16.107	2253	2258	2265	rBV	193123	288734	10.32%	1.354%
58	16.284	2282	2288	2294	rBV2	46910	90318	3.23%	0.424%
59	16.436	2309	2314	2318	rBV2	15794	22700	0.81%	0.106%
60	16.489	2318	2323	2330	rVV3	17970	30948	1.11%	0.145%
61	16.548	2330	2333	2338	rVB7	5834	8912	0.32%	0.042%
62	16.618	2338	2345	2353	rBV	123754	190911	6.82%	0.895%
63	17.000	2405	2410	2411	rVV4	5609	6880	0.25%	0.032%
64	17.024	2411	2414	2419	rVB7	5434	7646	0.27%	0.036%
65	17.094	2423	2426	2430	rVB3	11202	13486	0.48%	0.063%
66	17.141	2430	2434	2438	rBV7	8011	13469	0.48%	0.063%
67	17.230	2446	2449	2453	rVB6	5400	8948	0.32%	0.042%
68	17.353	2460	2470	2480	rBV2	691234	1086482	38.82%	5.095%
69	17.453	2480	2487	2494	rBV2	998587	1506648	53.83%	7.066%
70	17.582	2506	2509	2514	rVB6	10469	15498	0.55%	0.073%
71	17.700	2525	2529	2532	rBV4	8191	12568	0.45%	0.059%

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72	17.805	2543	2547	2548	rBV4	4400	5464	0.20%	0.026%
73	17.835	2550	2552	2556	rVB5	5712	6229	0.22%	0.029%
74	18.193	2609	2613	2616	rBV5	4067	6012	0.21%	0.028%
75	18.446	2655	2656	2661	rVB5	6670	7512	0.27%	0.035%
76	18.493	2661	2664	2667	rBV5	5255	6426	0.23%	0.030%
77	18.581	2674	2679	2683	rBV8	14160	26253	0.94%	0.123%
78	18.728	2701	2704	2709	rVB7	8215	11750	0.42%	0.055%
79	19.016	2749	2753	2759	rVB7	14271	21887	0.78%	0.103%
80	19.151	2773	2776	2778	rBV4	9677	7616	0.27%	0.036%
81	19.221	2784	2788	2794	rVB9	5512	9790	0.35%	0.046%
82	19.627	2853	2857	2861	rBV	21028	24153	0.86%	0.113%
83	19.738	2869	2876	2883	rBV	1914765	2798692	100.00%	13.125%
84	19.915	2904	2906	2911	rVB6	6662	8146	0.29%	0.038%
85	19.997	2917	2920	2923	rBV5	6136	7423	0.27%	0.035%
86	20.026	2923	2925	2930	rBV6	5197	8663	0.31%	0.041%
87	20.173	2946	2950	2952	rBV5	7556	11175	0.40%	0.052%
88	20.731	3042	3045	3049	rVB3	33721	35546	1.27%	0.167%
89	20.872	3065	3069	3077	rBV4	44535	79961	2.86%	0.375%
90	21.248	3129	3133	3137	rBV7	23417	37208	1.33%	0.174%
91	21.607	3187	3194	3202	rBV	832793	1319825	47.16%	6.189%
92	23.675	3542	3546	3550	rVB7	13437	21243	0.76%	0.100%
93	23.998	3599	3601	3602	rBV2	6991	6346	0.23%	0.030%
94	24.468	3679	3681	3684	rBV4	5504	5419	0.19%	0.025%
95	24.568	3687	3698	3710	rVB	1003763	2662161	95.12%	12.484%
96	24.779	3724	3734	3746	rVB2	486491	1358505	48.54%	6.371%
97	25.866	3915	3919	3921	rBV5	11495	17072	0.61%	0.080%
98	26.830	4081	4083	4087	rBV4	6309	8192	0.29%	0.038%
99	28.334	4337	4339	4341	rBV3	5460	5771	0.21%	0.027%
100	32.564	5057	5059	5061	rBV3	6598	5785	0.21%	0.027%

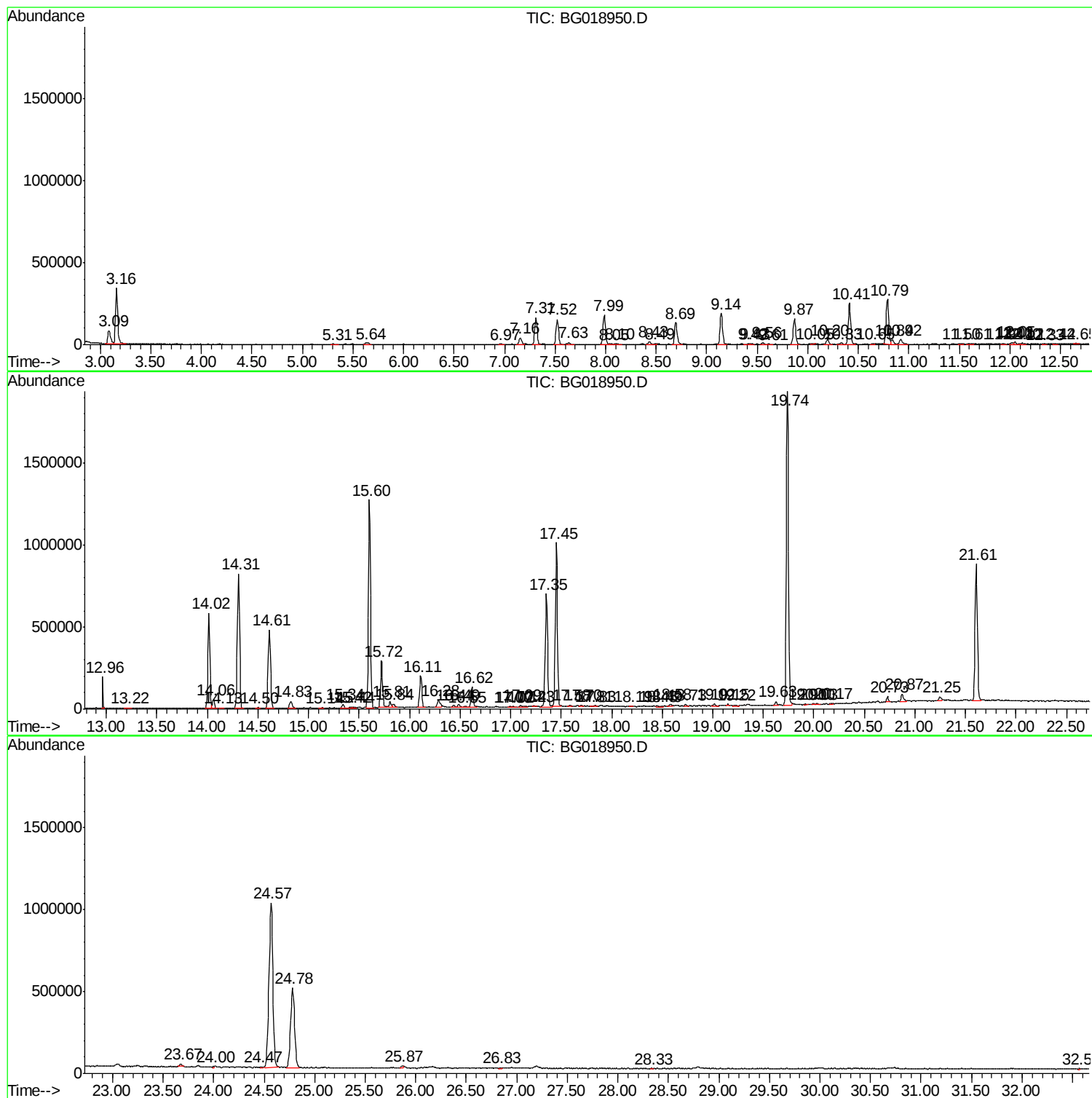
Sum of corrected areas: 21323841

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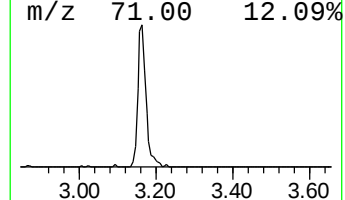
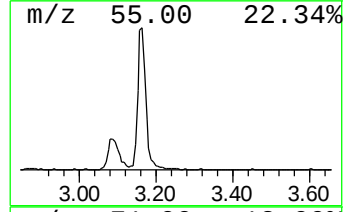
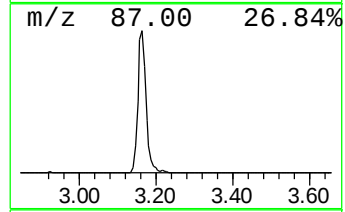
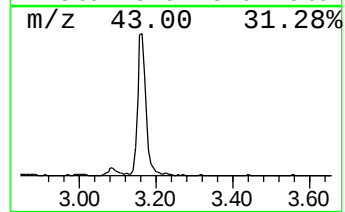
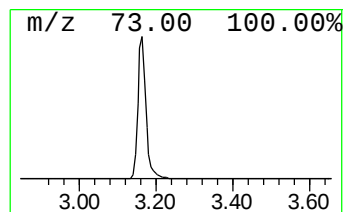
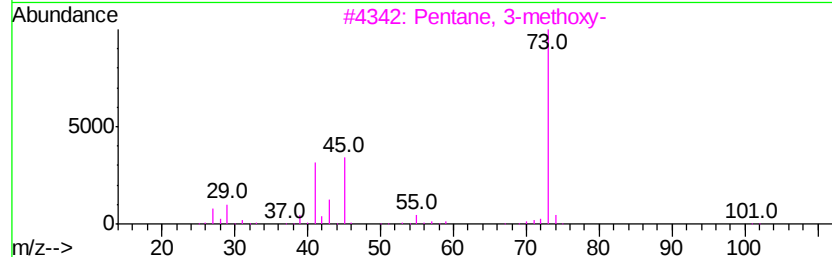
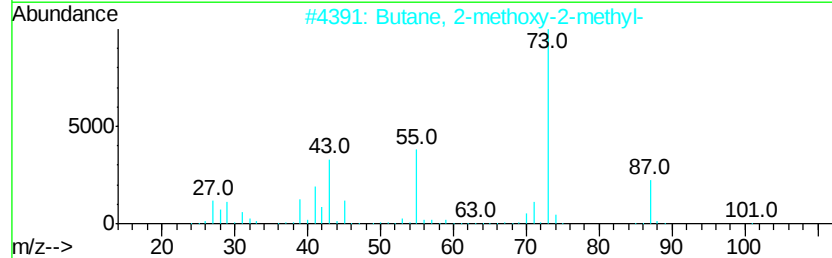
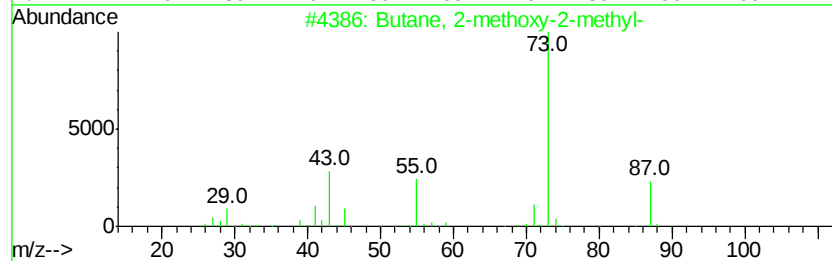
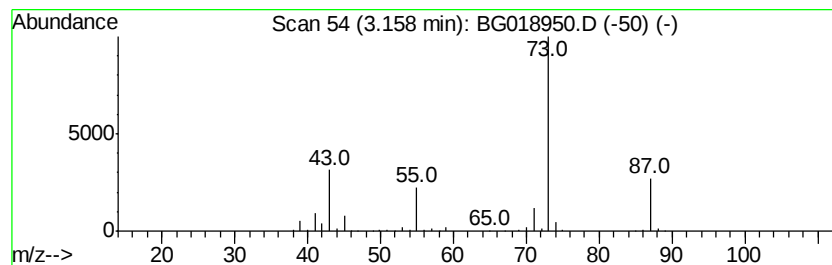
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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	32.38 ng/ul	505134	1,4-Dichlorobenzene-d4	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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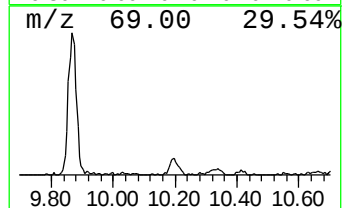
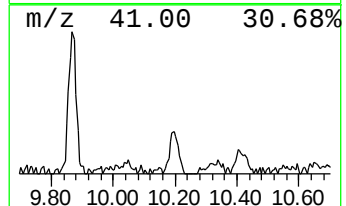
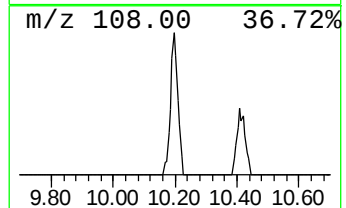
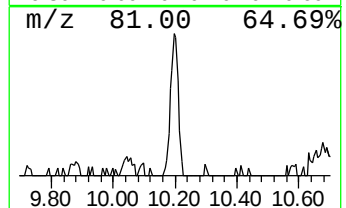
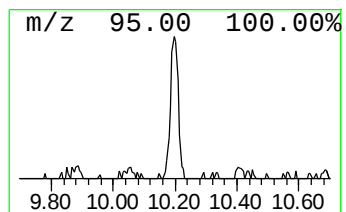
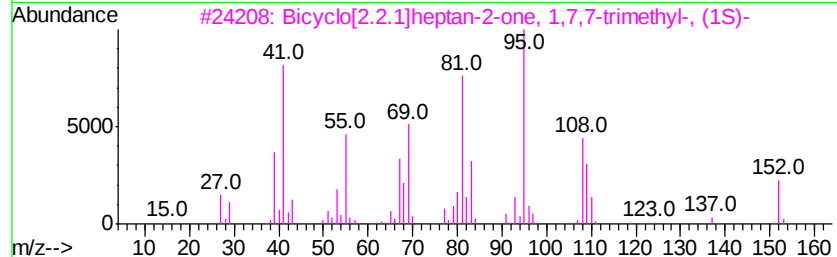
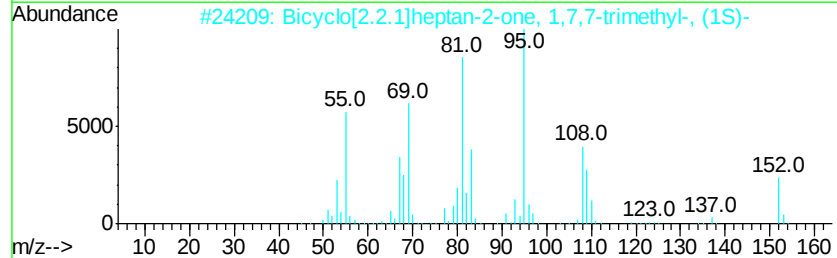
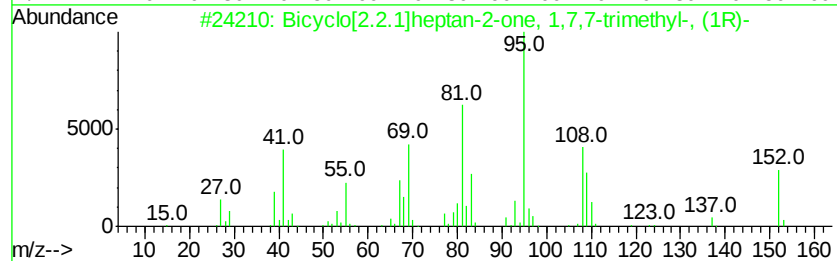
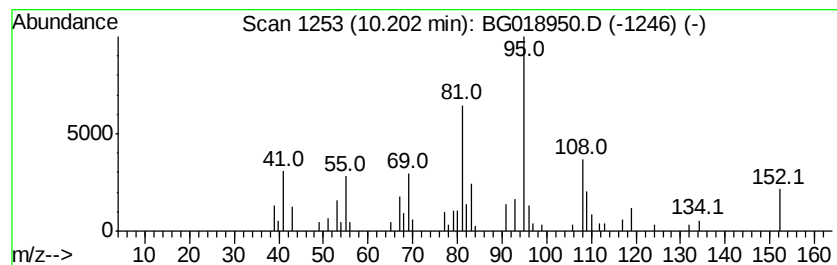
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.31 ng/ul	57317	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	96
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
4		Camphor	152	C10H16O	000076-22-2	94
5		Camphor	152	C10H16O	000076-22-2	94



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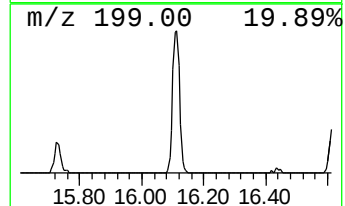
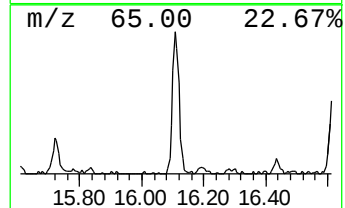
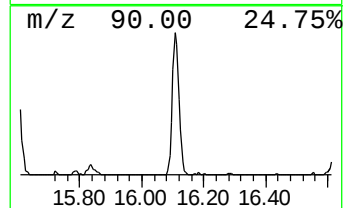
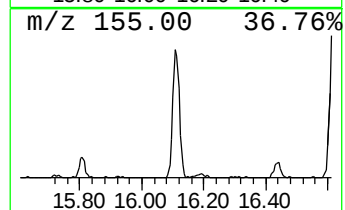
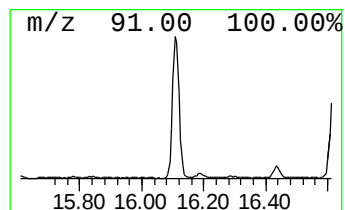
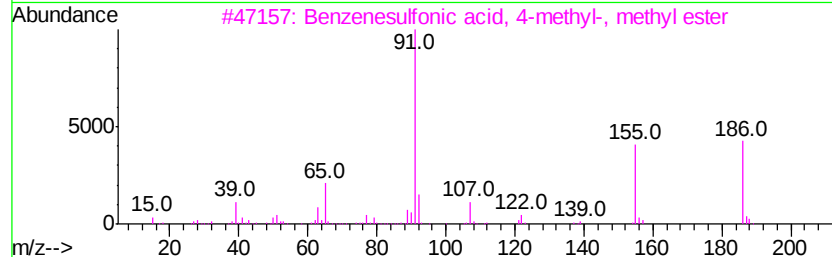
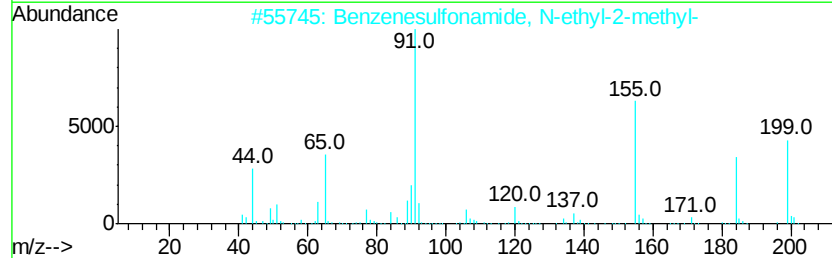
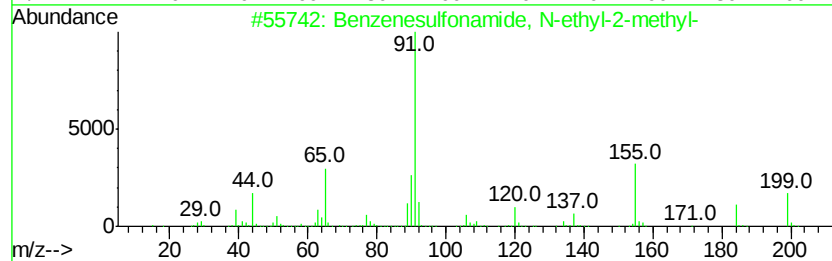
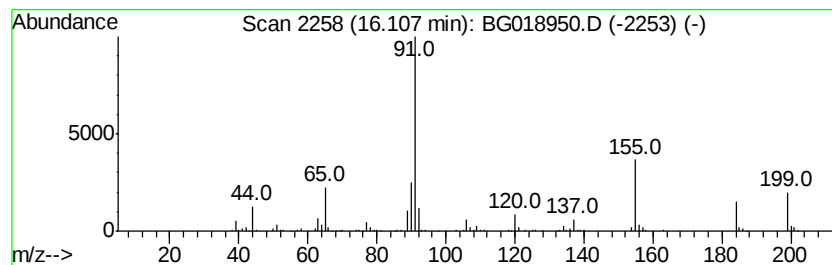
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.32 ng/ul	288734	Phenanthrene-d10	17.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	96
2			Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	76
3			Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	50
4			4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
5			4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
Data File : BG018950.D
Acq On : 29 Sep 2015 00:06
Operator : UM/NP
Sample : G3803-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J7

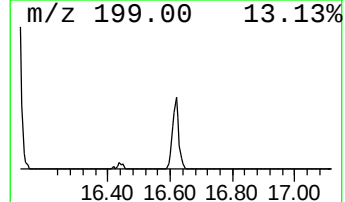
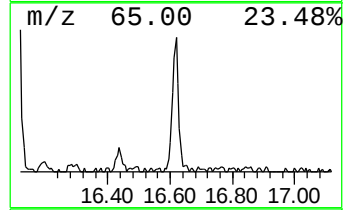
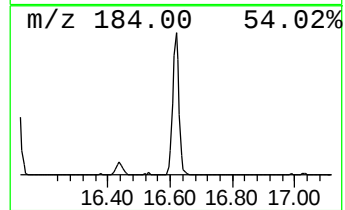
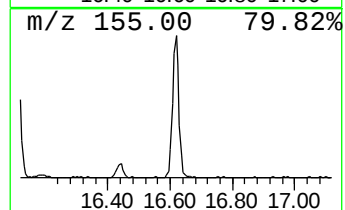
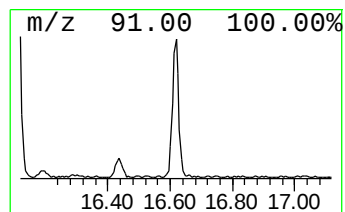
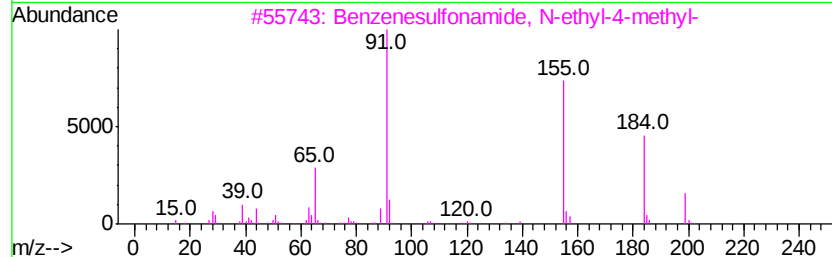
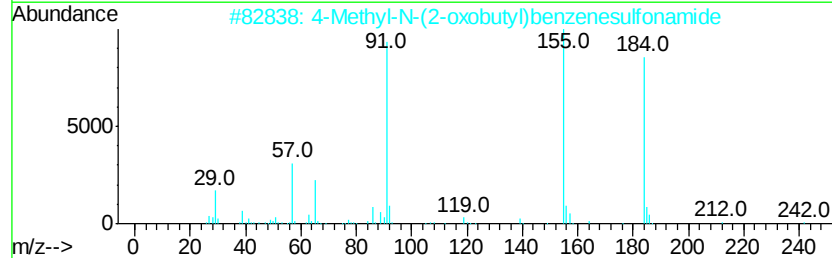
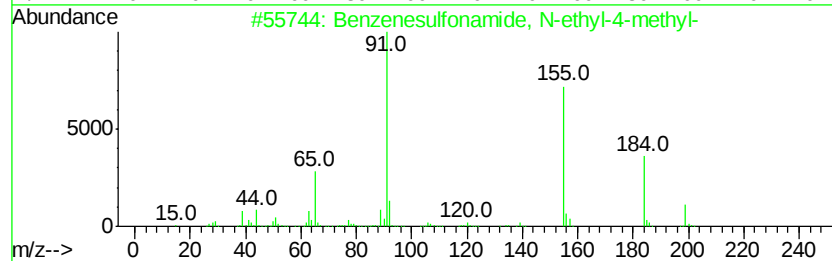
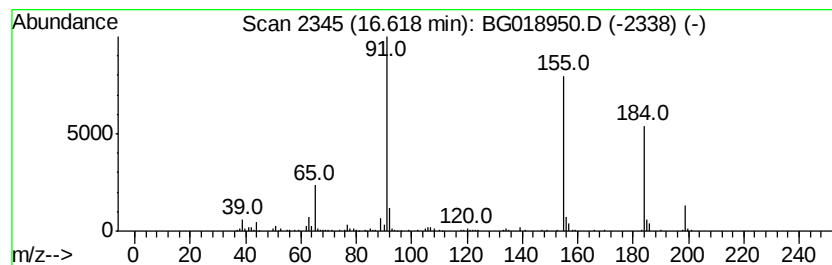
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.51 ng/ul	190911	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	92
2		4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	90
3		Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	60
4		Pvridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	58
5		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092815\
Data File : BG018950.D
Acq On : 29 Sep 2015 00:06
Operator : UM/NP
Sample : G3803-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43J7

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	32.4	ng/ul	505134	1	7.99	312047	20.0
Bicyclo[2.2.1]hep...	10.20	2.3	ng/ul	57317	2	10.79	495462	20.0
Benzenesulfonamid...	16.11	5.3	ng/ul	288734	4	17.35	1086480	20.0
Benzenesulfonamid...	16.62	3.5	ng/ul	190911	4	17.35	1086480	20.0