

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
 Data File : BG019729.D
 Acq On : 20 Nov 2015 21:12
 Operator : UM/NP
 Sample : G4460-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7H5

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-BG111615.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	3.039	26	34	45	rBV	204952	465358	65.15%	6.547%
2	3.127	45	49	56	rVB	22899	37019	5.18%	0.521%
3	3.403	92	96	102	rVB2	3532	5264	0.74%	0.074%
4	3.697	145	146	151	rVB2	1489	1826	0.26%	0.026%
5	4.431	266	271	275	rVB4	1953	2877	0.40%	0.040%
6	5.154	391	394	401	rVB2	4530	5986	0.84%	0.084%
7	6.546	629	631	635	rVB	1156	1342	0.19%	0.019%
8	7.116	725	728	731	rBV2	687	1178	0.16%	0.017%
9	7.263	747	753	761	rBV	68214	109946	15.39%	1.547%
10	7.428	775	781	789	rVB	48016	79123	11.08%	1.113%
11	7.645	812	818	826	rVB	60098	102626	14.37%	1.444%
12	8.115	892	898	905	rBV	89600	149322	20.91%	2.101%
13	8.332	930	935	940	rBV2	16953	26956	3.77%	0.379%
14	8.397	940	946	952	rVB2	13691	21460	3.00%	0.302%
15	8.732	997	1003	1006	rBV	1051	2066	0.29%	0.029%
16	8.826	1013	1019	1026	rBV	78194	133108	18.64%	1.873%
17	9.290	1091	1098	1105	rBV	62587	105037	14.71%	1.478%
18	9.355	1107	1109	1112	rBV	1041	1617	0.23%	0.023%
19	9.437	1121	1123	1127	rVB3	1304	1464	0.20%	0.021%
20	9.966	1206	1213	1216	rBV3	3494	6781	0.95%	0.095%
21	10.019	1216	1222	1229	rVB2	53417	95535	13.38%	1.344%
22	10.559	1306	1314	1323	rVB	79166	140736	19.70%	1.980%
23	10.947	1372	1380	1389	rBV	119606	211383	29.59%	2.974%
24	11.076	1396	1402	1410	rBV2	57661	109605	15.35%	1.542%
25	13.109	1744	1748	1752	rVB4	2511	4109	0.58%	0.058%
26	13.256	1769	1773	1775	rBV	999	1457	0.20%	0.020%
27	13.362	1787	1791	1795	rVB3	3385	4345	0.61%	0.061%
28	13.479	1808	1811	1813	rBV3	1084	1399	0.20%	0.020%
29	13.838	1869	1872	1877	rBV	772	1335	0.19%	0.019%
30	14.155	1920	1926	1930	rBV	162534	233158	32.64%	3.280%
31	14.202	1930	1934	1943	rVB	109138	151118	21.16%	2.126%
32	14.455	1970	1977	1986	rVB	155817	238625	33.41%	3.357%
33	14.631	2004	2007	2011	rVB5	2856	3576	0.50%	0.050%
34	14.760	2023	2029	2037	rVB2	220543	346501	48.51%	4.875%

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 Title : SVOA CALIBRATION

35	14.948	2054	2061	2070	rBV	64911	110522	15.47%	1.555%
36	15.189	2096	2102	2105	rVB3	1190	1898	0.27%	0.027%
37	15.242	2109	2111	2115	rVB2	1082	1298	0.18%	0.018%
38	15.536	2154	2161	2163	rBV3	3223	5806	0.81%	0.082%
39	15.577	2164	2168	2172	rVV	6891	8752	1.23%	0.123%
40	15.630	2176	2177	2181	rVB2	1437	1361	0.19%	0.019%
41	15.747	2191	2197	2204	rVB	222191	325850	45.62%	4.584%
42	15.859	2211	2216	2225	rVB2	64453	98076	13.73%	1.380%
43	15.959	2231	2233	2234	rBV	1263	1199	0.17%	0.017%
44	15.988	2234	2238	2242	rVB3	3351	5217	0.73%	0.073%
45	16.029	2242	2245	2246	rVB2	1300	1215	0.17%	0.017%
46	16.070	2250	2252	2255	rBV3	1968	2461	0.34%	0.035%
47	16.200	2267	2274	2276	rVB2	1456	2567	0.36%	0.036%
48	16.253	2281	2283	2285	rBV	1264	1296	0.18%	0.018%
49	16.435	2310	2314	2317	rBV3	8137	10175	1.42%	0.143%
50	16.564	2333	2336	2339	rVB	2802	3107	0.43%	0.044%
51	16.623	2342	2346	2353	rVB6	3387	6247	0.87%	0.088%
52	16.687	2353	2357	2361	rBV3	2980	4203	0.59%	0.059%
53	16.781	2370	2373	2376	rBV3	2591	2569	0.36%	0.036%
54	16.893	2390	2392	2397	rVB4	2329	2861	0.40%	0.040%
55	16.952	2397	2402	2405	rVB	3087	4169	0.58%	0.059%
56	17.146	2431	2435	2440	rVB	53932	70069	9.81%	0.986%
57	17.228	2445	2449	2455	rVV3	7271	11280	1.58%	0.159%
58	17.281	2455	2458	2462	rVB4	3836	5043	0.71%	0.071%
59	17.369	2471	2473	2475	rBV2	1585	1572	0.22%	0.022%
60	17.398	2475	2478	2479	rVB	1757	1273	0.18%	0.018%
61	17.498	2489	2495	2502	rVV2	344369	496549	69.52%	6.986%
62	17.545	2502	2503	2506	rVV3	3113	3011	0.42%	0.042%
63	17.598	2506	2512	2521	rVB2	271131	385620	53.99%	5.425%
64	17.669	2521	2524	2526	rBV3	1382	1515	0.21%	0.021%
65	17.763	2535	2540	2541	rBV3	2339	2630	0.37%	0.037%
66	17.804	2546	2547	2551	rVB3	2468	1653	0.23%	0.023%
67	17.851	2552	2555	2561	rVV6	3963	6693	0.94%	0.094%
68	17.927	2564	2568	2569	rVB3	1445	1592	0.22%	0.022%
69	17.968	2569	2575	2578	rBV5	7153	10653	1.49%	0.150%
70	18.115	2598	2600	2601	rBV2	1434	1188	0.17%	0.017%
71	18.238	2620	2621	2623	rBV2	1529	1245	0.17%	0.018%

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72	18.256	2623	2624	2627	rBV3	1677	1470	0.21%	0.021%
73	18.297	2627	2631	2633	rBV4	1070	1245	0.17%	0.018%
74	18.368	2639	2643	2648	rBV3	10329	12741	1.78%	0.179%
75	18.438	2653	2655	2661	rVB4	3852	6482	0.91%	0.091%
76	18.509	2665	2667	2670	rBV3	2155	2644	0.37%	0.037%
77	18.650	2688	2691	2698	rVB4	4883	5657	0.79%	0.080%
78	18.785	2712	2714	2717	rVB2	4670	4431	0.62%	0.062%
79	18.879	2726	2730	2731	rBV2	1825	2736	0.38%	0.038%
80	18.932	2737	2739	2742	rVV	1845	1913	0.27%	0.027%
81	18.961	2742	2744	2746	rVV3	3287	2866	0.40%	0.040%
82	18.979	2746	2747	2750	rVV3	3082	2209	0.31%	0.031%
83	19.120	2770	2771	2774	rBV3	2066	1856	0.26%	0.026%
84	19.214	2784	2787	2792	rVB5	4538	7063	0.99%	0.099%
85	19.278	2794	2798	2800	rBV3	4363	5560	0.78%	0.078%
86	19.372	2813	2814	2816	rVB2	2568	1531	0.21%	0.022%
87	19.490	2832	2834	2835	rVV2	2411	1917	0.27%	0.027%
88	19.513	2836	2838	2840	rVV2	5263	5417	0.76%	0.076%
89	19.543	2840	2843	2847	rVV3	7615	11347	1.59%	0.160%
90	19.590	2849	2851	2853	rBV3	1999	1744	0.24%	0.025%
91	19.878	2894	2900	2909	rVB	375082	530685	74.30%	7.466%
92	20.871	3066	3069	3074	rVB7	11583	15646	2.19%	0.220%
93	20.971	3084	3086	3089	rVB3	7505	5808	0.81%	0.082%
94	21.382	3152	3156	3162	rBV3	44739	70120	9.82%	0.986%
95	21.576	3185	3189	3194	rBV5	13085	20968	2.94%	0.295%
96	21.634	3196	3199	3204	rVB	24950	32897	4.61%	0.463%
97	21.770	3216	3222	3229	rBV	438699	714271	100.00%	10.049%
98	24.090	3613	3617	3624	rVB4	23609	41780	5.85%	0.588%
99	24.837	3735	3744	3755	rBV	186203	512099	71.70%	7.204%
100	25.072	3775	3784	3794	rVB	248369	677356	94.83%	9.529%

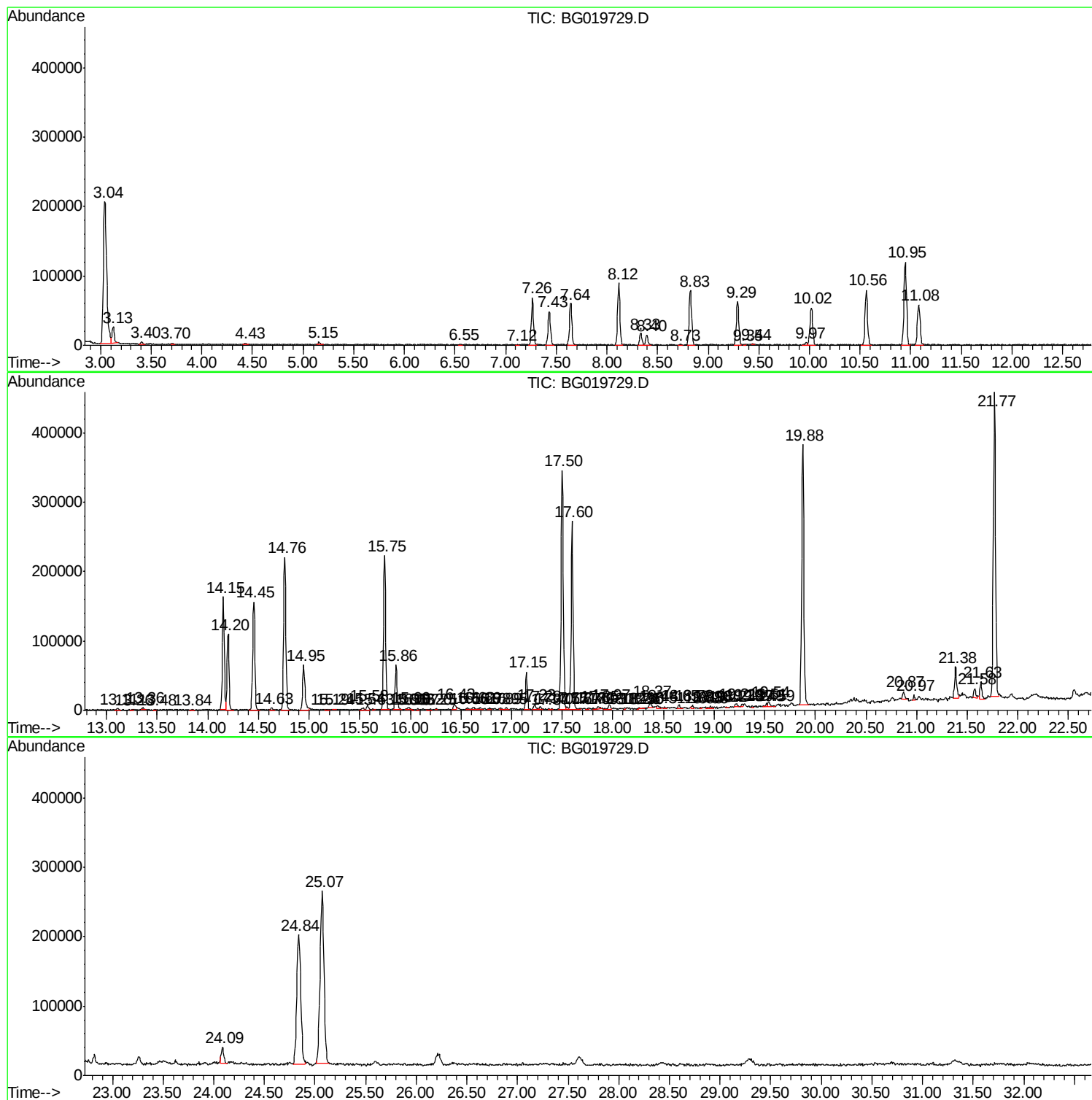
Sum of corrected areas: 7108132

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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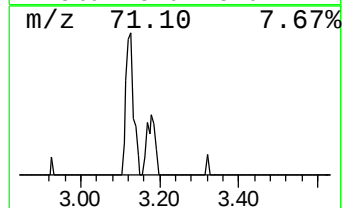
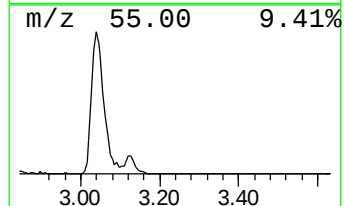
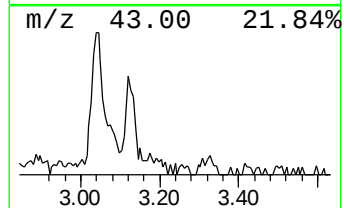
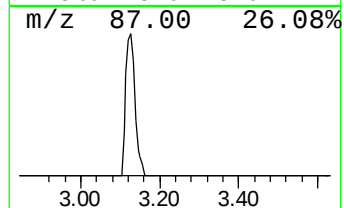
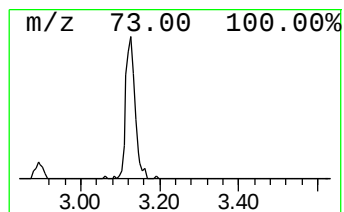
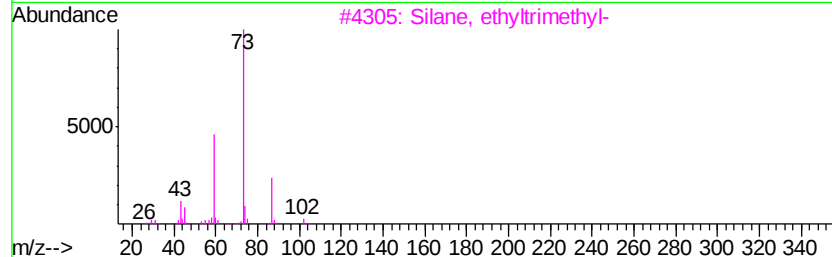
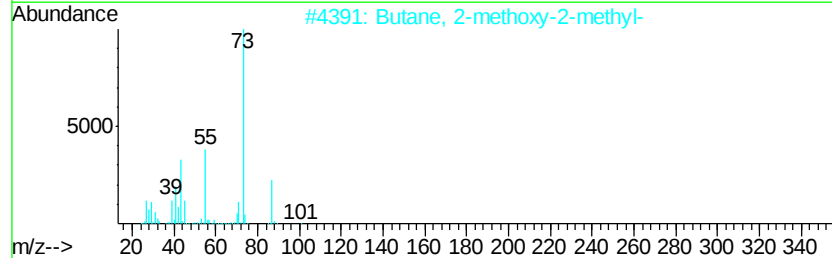
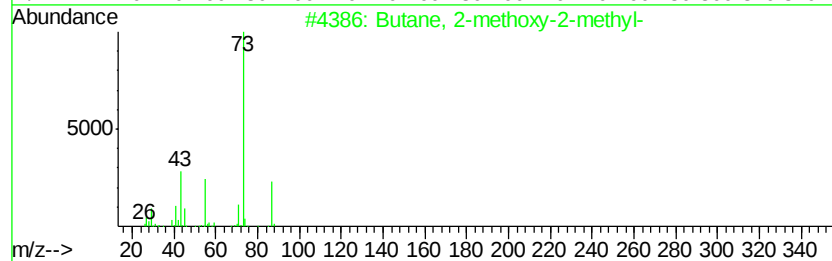
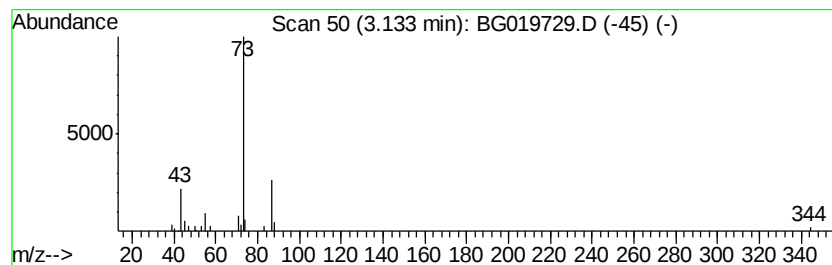
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	4.96 ng/ul	37019	1,4-Dichlorobenzene-d4	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40	
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33	
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9	
5	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9	



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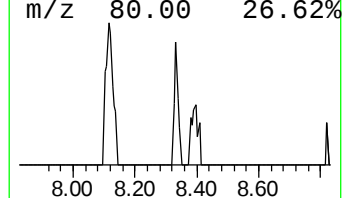
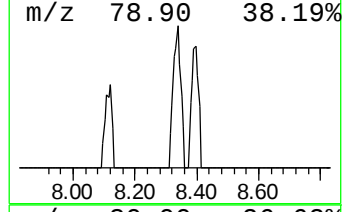
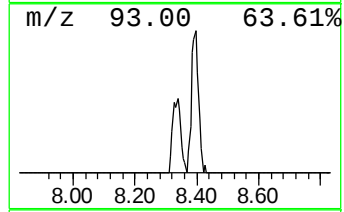
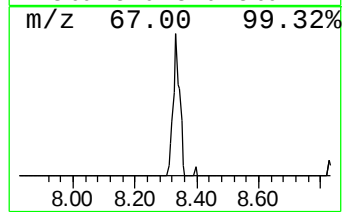
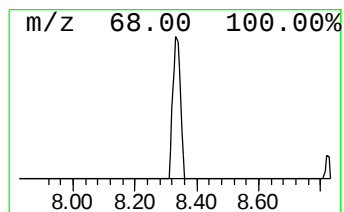
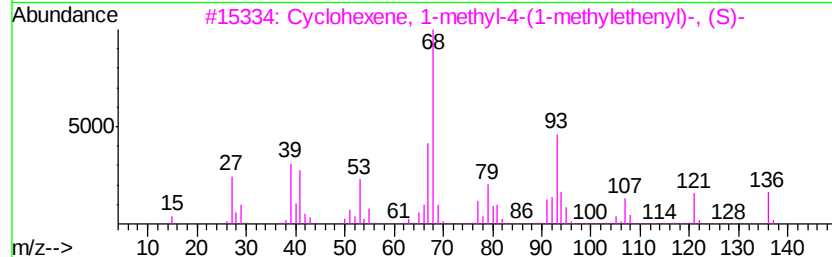
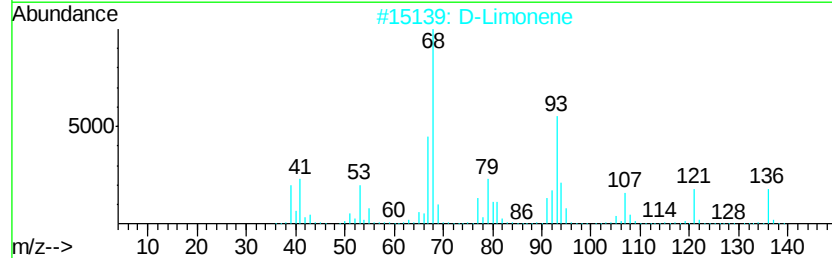
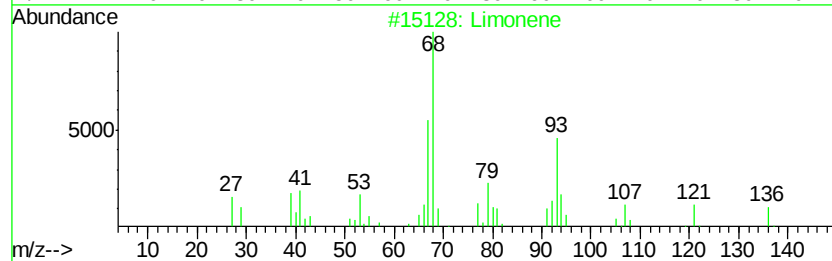
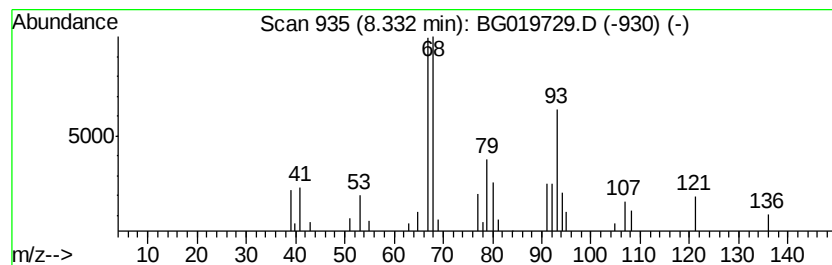
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	3.61 ng/ul	26956	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Limonene	136	C10H16	000138-86-3	81
2		D-Limonene	136	C10H16	005989-27-5	68
3		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	64
4		D-Limonene	136	C10H16	005989-27-5	62
5		D-Limonene	136	C10H16	005989-27-5	59



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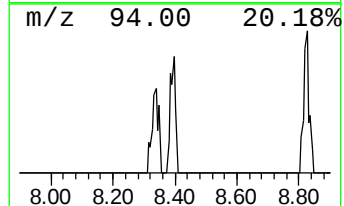
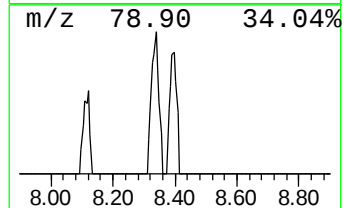
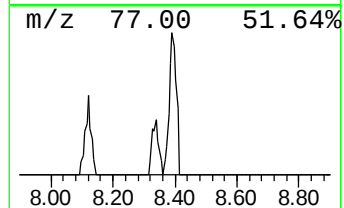
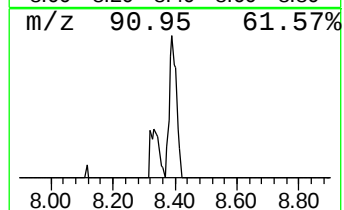
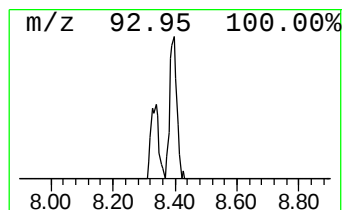
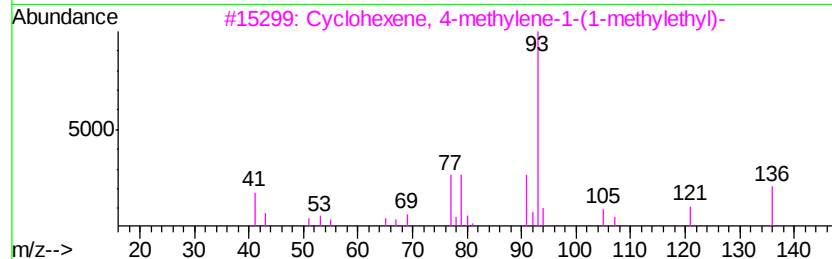
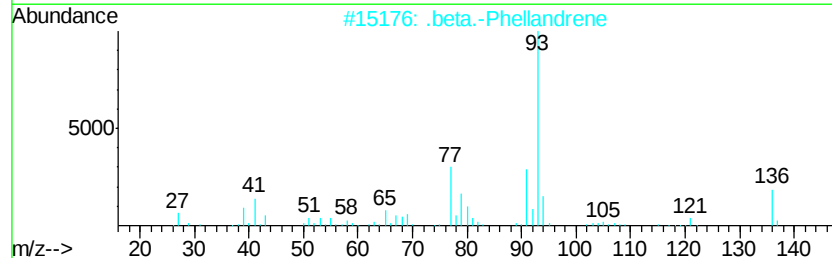
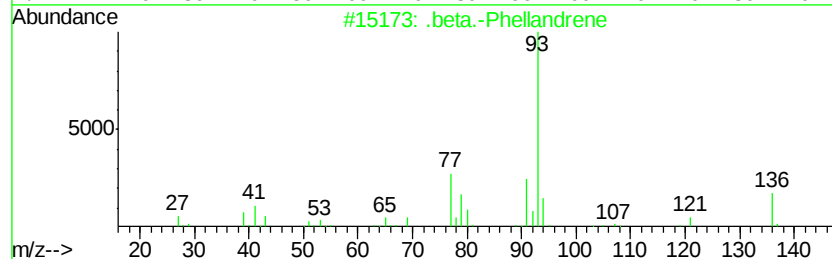
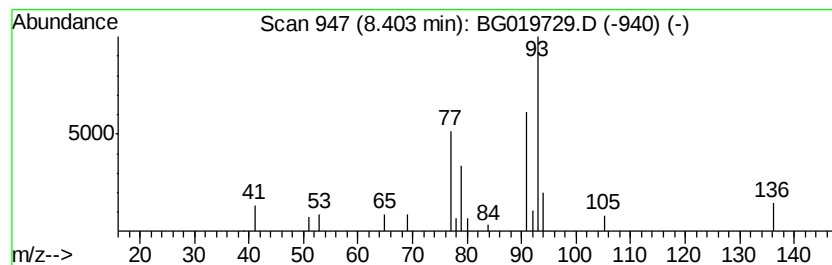
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 .beta.-Phellandrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.87 ng/ul	21460	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Phellandrene	136	C10H16	000555-10-2	80
2			.beta.-Phellandrene	136	C10H16	000555-10-2	72
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	72
4			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	59
5			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
Data File : BG019729.D
Acq On : 20 Nov 2015 21:12
Operator : UM/NP
Sample : G4460-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7H5

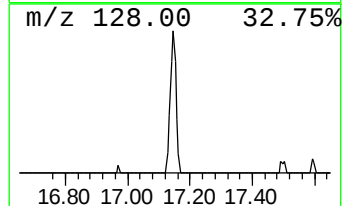
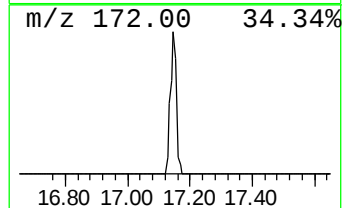
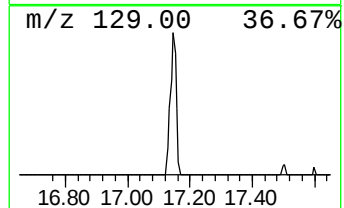
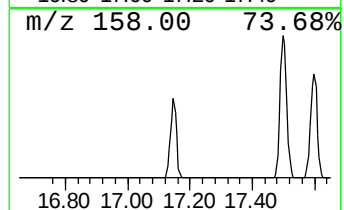
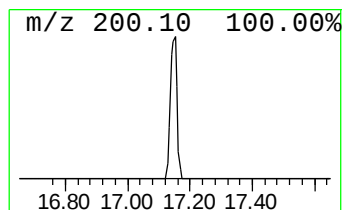
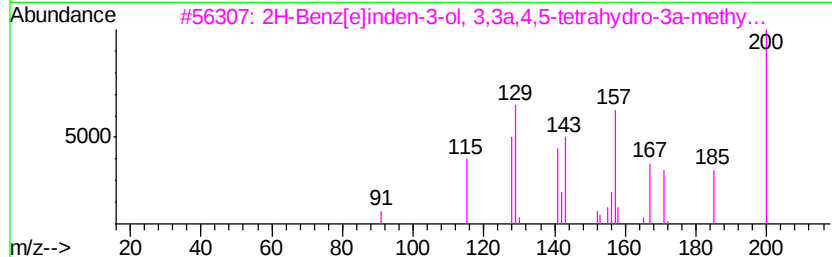
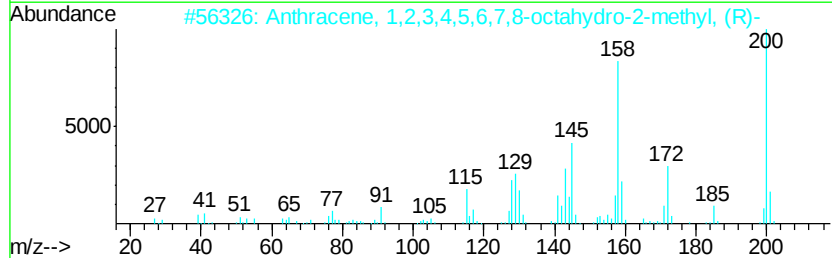
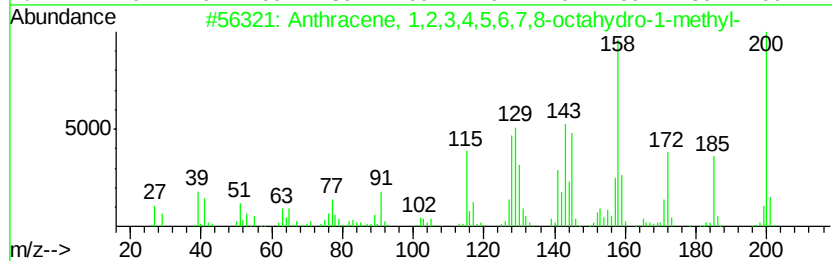
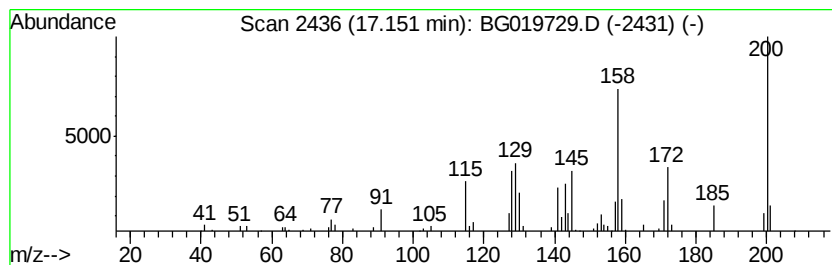
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 1,2,3,4,5,6,7,8... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.82 ng/ul	70069	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4,5,6,7,8-octa...	200	C15H20	1000159-30-4	94
2		Anthracene, 1,2,3,4,5,6,7,8-octa...	200	C15H20	1000155-76-6	90
3		2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	64
4		9-Methyl-S-octahydrophenanthracene	200	C15H20	023861-81-6	50
5		1,2,3,4,4a,9,10,10a-(trans-4a,10...	200	C14H16O	021656-46-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
Data File : BG019729.D
Acq On : 20 Nov 2015 21:12
Operator : UM/NP
Sample : G4460-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7H5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.13	5.0	ng/ul	37019	1	8.12	149322	20.0
Limonene	8.33	3.6	ng/ul	26956	1	8.12	149322	20.0
.beta.-Phellandrene	8.40	2.9	ng/ul	21460	1	8.12	149322	20.0
Anthracene, 1,2,3...	17.15	2.8	ng/ul	70069	4	17.50	496549	20.0