

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020368.D
 Acq On : 21 Dec 2015 7:43
 Operator : UM/SJ
 Sample : G4848-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N62

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-BG121415.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	3.115	42	47	56	rBV2	26217	50412	5.12%	0.530%
2	3.191	56	60	69	rVB	16696	24612	2.50%	0.259%
3	3.467	101	107	111	rBV	4562	6327	0.64%	0.066%
4	3.749	152	155	158	rBV2	1791	2065	0.21%	0.022%
5	5.165	392	396	402	rBV	6211	9353	0.95%	0.098%
6	7.251	743	751	763	rBV	118056	206072	20.92%	2.166%
7	7.410	770	778	786	rBV	91845	148392	15.06%	1.560%
8	7.574	801	806	808	rBV	1729	2843	0.29%	0.030%
9	7.621	808	814	825	rVB	121119	202639	20.57%	2.130%
10	7.809	842	846	850	rBV3	1821	2667	0.27%	0.028%
11	8.091	888	894	901	rBV	67010	111039	11.27%	1.167%
12	8.461	954	957	962	rVB	1223	1972	0.20%	0.021%
13	8.632	980	986	992	rBB2	14701	23207	2.36%	0.244%
14	8.802	1007	1015	1024	rBV	160864	273494	27.76%	2.874%
15	8.867	1024	1026	1033	rVB2	1854	2895	0.29%	0.030%
16	9.260	1085	1093	1101	rBV	119547	207483	21.06%	2.181%
17	9.983	1208	1216	1224	rBB	107607	187214	19.01%	1.968%
18	10.107	1233	1237	1242	rVB	2171	2867	0.29%	0.030%
19	10.347	1271	1278	1279	rBV2	1356	2613	0.27%	0.027%
20	10.377	1279	1283	1289	rVB2	3706	6229	0.63%	0.065%
21	10.530	1301	1309	1319	rBB	171518	295561	30.00%	3.106%
22	10.906	1366	1373	1378	rBV	97781	179686	18.24%	1.888%
23	10.958	1378	1382	1389	rVV	112328	192621	19.55%	2.024%
24	11.041	1389	1396	1409	rVB	149358	279914	28.42%	2.942%
25	11.734	1509	1514	1518	rBV	2463	3149	0.32%	0.033%
26	12.286	1603	1608	1613	rBB3	2542	3606	0.37%	0.038%
27	12.480	1637	1641	1645	rBV2	2534	3561	0.36%	0.037%
28	12.557	1647	1654	1660	rVB	19367	29018	2.95%	0.305%
29	12.621	1660	1665	1669	rBB	3362	4665	0.47%	0.049%
30	12.774	1683	1691	1697	rBB	8510	14121	1.43%	0.148%
31	13.320	1779	1784	1788	rBB2	1753	2396	0.24%	0.025%
32	13.555	1821	1824	1829	rVB2	4298	5552	0.56%	0.058%
33	14.125	1913	1921	1925	rVV	313748	461072	46.81%	4.846%
34	14.166	1925	1928	1935	rVB	147457	206029	20.92%	2.165%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Title : SVOA CALIBRATION

35	14.419	1964	1971	1983	rBV	349008	541117	54.93%	5.687%
36	14.595	1998	2001	2005	rBV	3433	4278	0.43%	0.045%
37	14.725	2015	2023	2029	rBV2	168967	266679	27.07%	2.803%
38	14.789	2029	2034	2040	rVB	29031	44177	4.48%	0.464%
39	14.854	2040	2045	2051	rVB	3341	4831	0.49%	0.051%
40	14.924	2051	2057	2066	rBV	123122	200983	20.40%	2.112%
41	14.995	2066	2069	2075	rVB3	3609	6232	0.63%	0.065%
42	15.118	2083	2090	2097	rVB	19440	29945	3.04%	0.315%
43	15.206	2100	2105	2110	rBB3	1946	3088	0.31%	0.032%
44	15.500	2152	2155	2157	rBV	1633	1902	0.19%	0.020%
45	15.547	2158	2163	2168	rVB2	8806	11998	1.22%	0.126%
46	15.712	2185	2191	2197	rBV	471683	708963	71.97%	7.451%
47	15.770	2197	2201	2205	rVB	19287	27338	2.78%	0.287%
48	15.829	2205	2211	2217	rBV	123881	183398	18.62%	1.927%
49	15.947	2224	2231	2237	rVV3	5951	11289	1.15%	0.119%
50	16.105	2254	2258	2262	rBV2	1352	1867	0.19%	0.020%
51	16.211	2275	2276	2282	rVB	1393	1786	0.18%	0.019%
52	16.405	2304	2309	2312	rBV	12338	17968	1.82%	0.189%
53	16.434	2312	2314	2318	rVV3	9220	11532	1.17%	0.121%
54	16.587	2336	2340	2345	rBV3	1737	2606	0.26%	0.027%
55	16.640	2347	2349	2357	rVB3	1829	3230	0.33%	0.034%
56	16.722	2359	2363	2365	rBV	2469	2972	0.30%	0.031%
57	16.810	2374	2378	2385	rVV2	1421	2353	0.24%	0.025%
58	17.087	2420	2425	2428	rBV2	1620	2687	0.27%	0.028%
59	17.198	2438	2444	2449	rVV	11050	13548	1.38%	0.142%
60	17.245	2449	2452	2456	rVV3	4383	6561	0.67%	0.069%
61	17.286	2456	2459	2465	rVB2	2807	3811	0.39%	0.040%
62	17.468	2483	2490	2494	rBV2	219861	335197	34.03%	3.523%
63	17.510	2494	2497	2501	rVV	54154	74193	7.53%	0.780%
64	17.568	2501	2507	2516	rVB2	505816	770620	78.23%	8.099%
65	17.833	2544	2552	2554	rBV3	3411	6298	0.64%	0.066%
66	17.868	2554	2558	2564	rVV	14629	20886	2.12%	0.220%
67	17.939	2566	2570	2573	rVV2	6403	8493	0.86%	0.089%
68	17.962	2573	2574	2578	rVV	1807	1956	0.20%	0.021%
69	18.027	2581	2585	2589	rVB	3533	4198	0.43%	0.044%
70	18.338	2634	2638	2643	rVV4	5339	7370	0.75%	0.077%
71	18.385	2643	2646	2650	rVV2	3528	4755	0.48%	0.050%

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72	18.461	2654	2659	2667	rBV4	1690	2939	0.30%	0.031%
73	18.538	2667	2672	2680	rBV4	4482	7573	0.77%	0.080%
74	18.620	2680	2686	2690	rBV4	1602	2842	0.29%	0.030%
75	18.755	2705	2709	2718	rVB5	4238	5760	0.58%	0.061%
76	18.837	2718	2723	2727	rVV2	2086	2497	0.25%	0.026%
77	19.196	2778	2784	2786	rBV3	1312	1912	0.19%	0.020%
78	19.484	2829	2833	2834	rVV2	5962	7080	0.72%	0.074%
79	19.513	2834	2838	2844	rVV	22056	31475	3.20%	0.331%
80	19.736	2872	2876	2880	rBV	4423	7077	0.72%	0.074%
81	19.848	2889	2895	2906	rBV	646733	967212	98.19%	10.165%
82	20.142	2939	2945	2949	rVV7	2274	5363	0.54%	0.056%
83	20.359	2980	2982	2987	rVB3	2641	3465	0.35%	0.036%
84	20.465	2997	3000	3005	rVB3	2357	3001	0.30%	0.032%
85	20.741	3041	3047	3051	rBV3	5790	9570	0.97%	0.101%
86	20.841	3062	3064	3066	rBV4	1770	2128	0.22%	0.022%
87	21.364	3148	3153	3160	rBV7	10376	19386	1.97%	0.204%
88	21.611	3191	3195	3197	rBV4	3948	5106	0.52%	0.054%
89	21.740	3210	3217	3228	rBV	285241	455694	46.26%	4.789%
90	22.527	3349	3351	3356	rVB5	3383	4297	0.44%	0.045%
91	22.586	3356	3361	3366	rBV7	5924	10846	1.10%	0.114%
92	22.997	3429	3431	3435	rBV4	1879	2644	0.27%	0.028%
93	23.226	3464	3470	3476	rBV8	6168	14240	1.45%	0.150%
94	23.867	3577	3579	3580	rBV2	3105	2420	0.25%	0.025%
95	24.037	3604	3608	3615	rVB6	6660	12551	1.27%	0.132%
96	24.789	3725	3736	3756	rBV	342164	985076	100.00%	10.353%
97	25.013	3764	3774	3786	rBV2	144216	413824	42.01%	4.349%
98	26.141	3961	3966	3974	rBV10	7273	17661	1.79%	0.186%
99	29.566	4547	4549	4553	rBV3	1799	2871	0.29%	0.030%
100	29.836	4593	4595	4597	rBV3	1893	1997	0.20%	0.021%

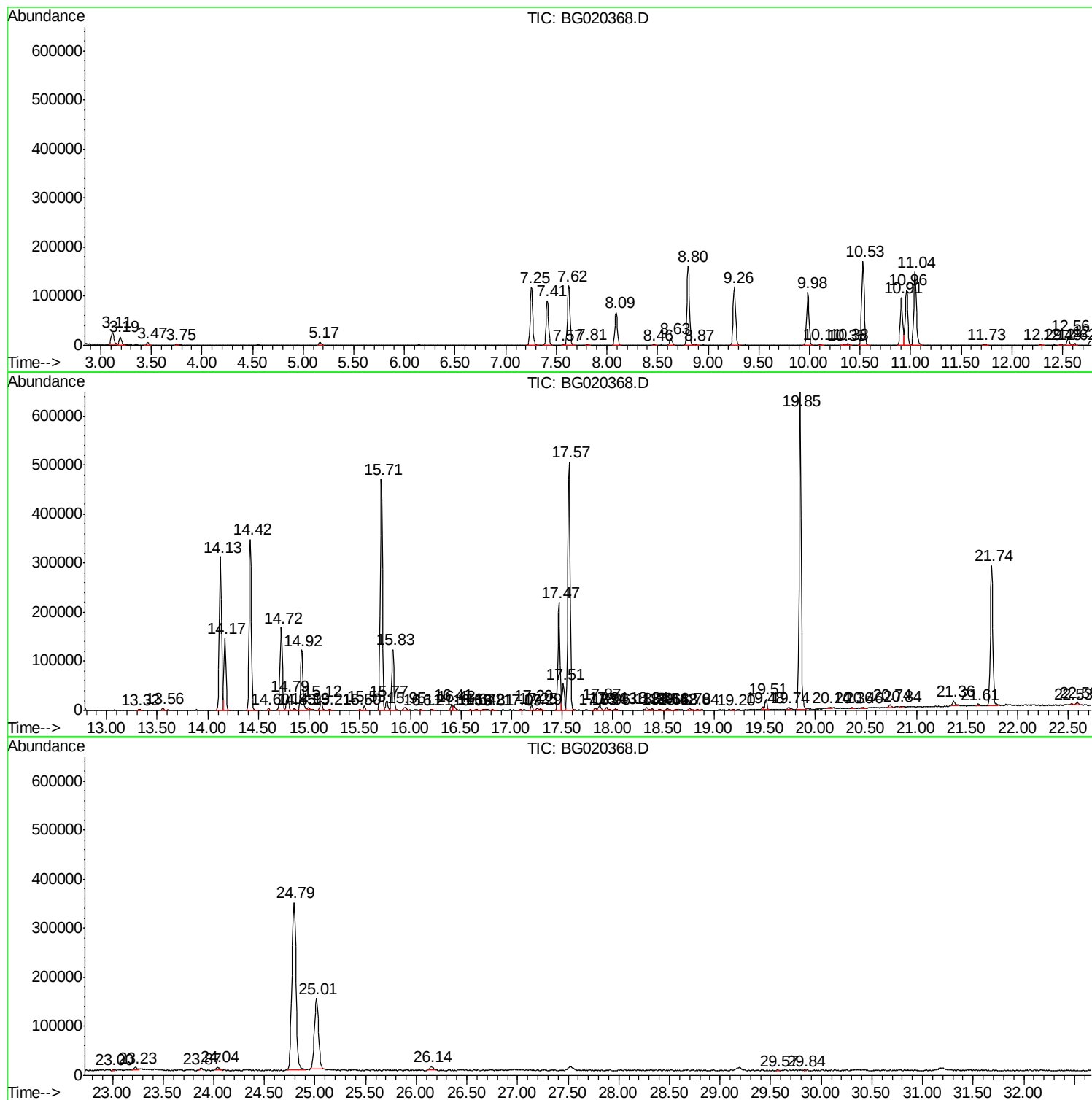
Sum of corrected areas: 9514958

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



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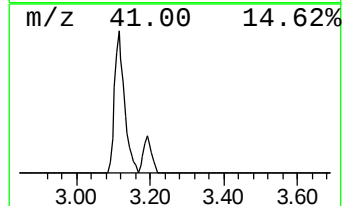
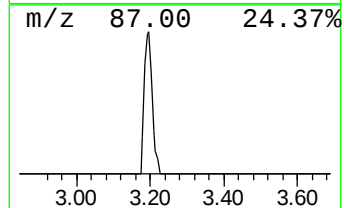
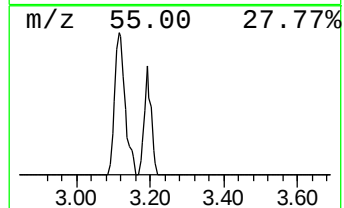
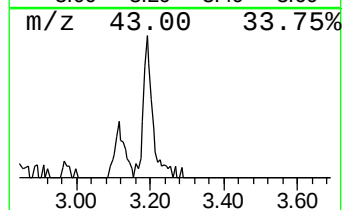
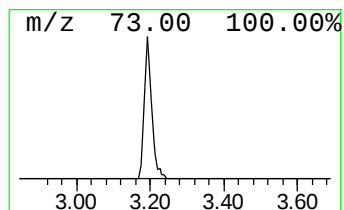
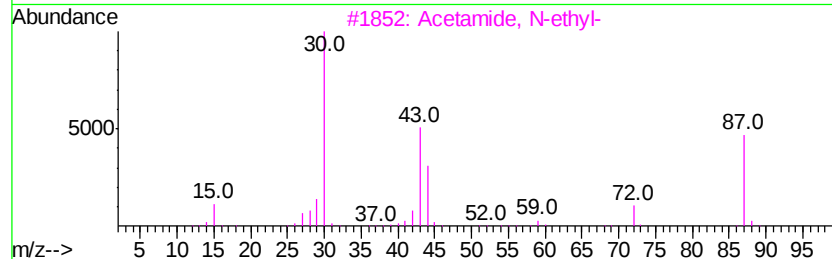
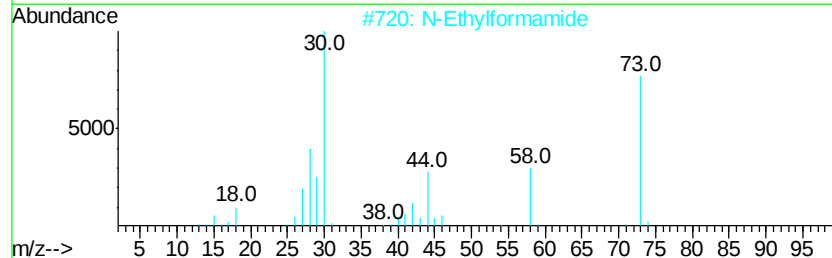
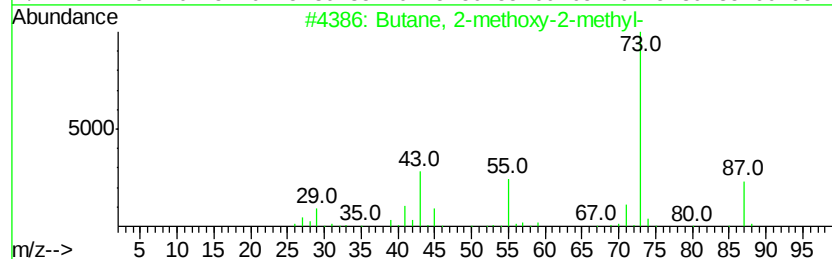
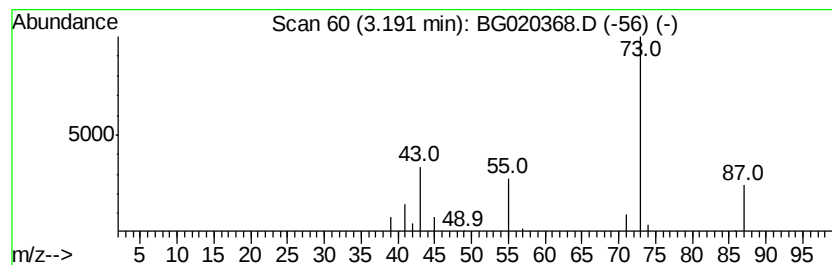
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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.
3.19	4.43 ng/ul	24612	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			N-Ethylformamide	73	C3H7NO	000627-45-2	5
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



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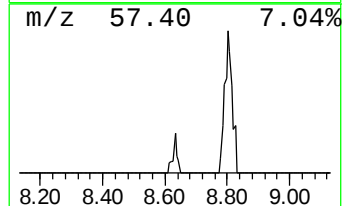
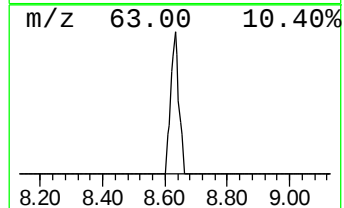
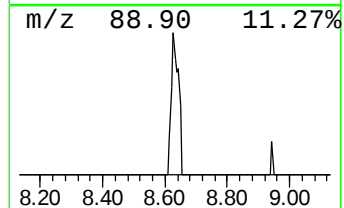
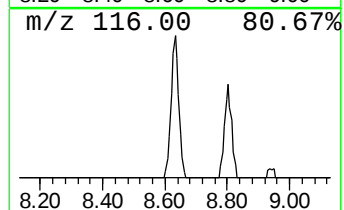
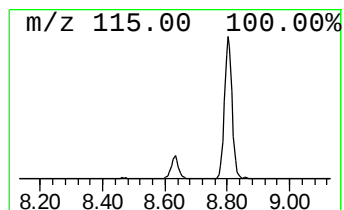
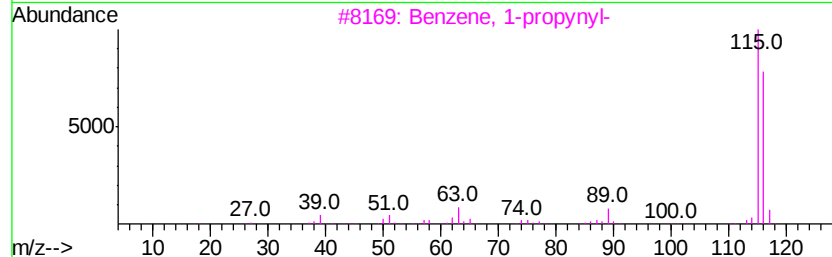
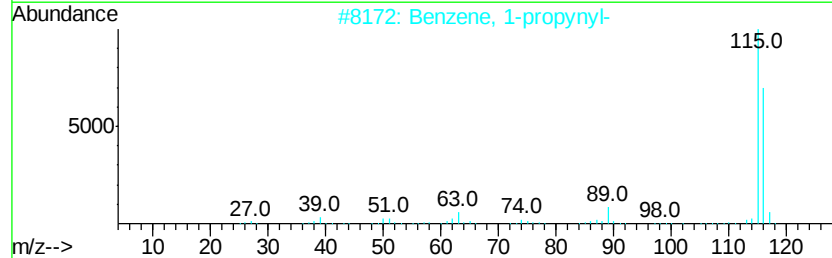
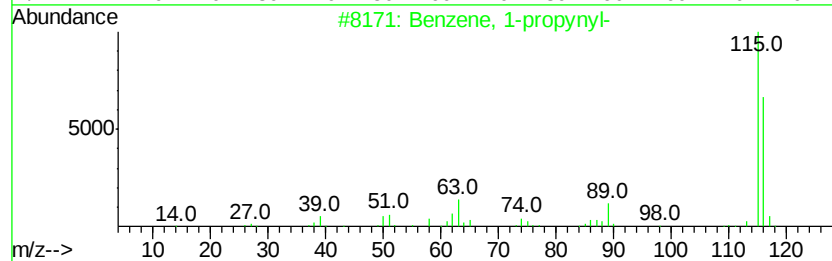
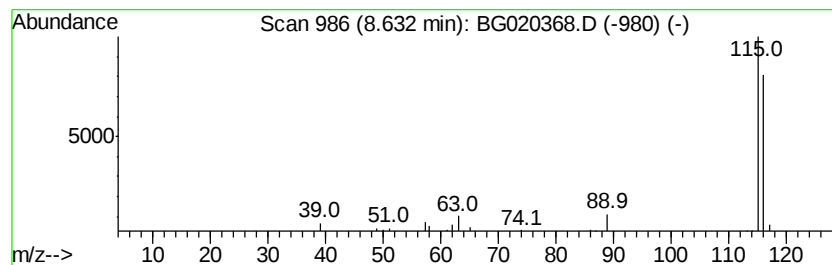
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.18 ng/ul	23207	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86
5		Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	4.4	ng/ul	24612	1	8.09	111039	20.0
Benzene, 1-propynyl-	8.63	4.2	ng/ul	23207	1	8.09	111039	20.0