

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
 Data File : BM004360.D
 Acq On : 23 Feb 2016 21:22
 Operator : SJ/UM
 Sample : H1542-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S25-0003

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\SOM02.2-EPA-BM022216.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	2.740	4	9	19	rBV	102448	189200	25.09%	2.380%
2	2.822	19	23	31	rVB	95226	122136	16.20%	1.536%
3	3.081	65	67	72	rVB	3958	4686	0.62%	0.059%
4	3.610	155	157	160	rBV	1405	1161	0.15%	0.015%
5	4.728	344	347	350	rBB	829	1122	0.15%	0.014%
6	6.810	696	701	716	rBB	78952	127708	16.94%	1.607%
7	6.957	721	726	736	rBB	71773	110917	14.71%	1.395%
8	7.157	755	760	771	rBB	94148	145158	19.25%	1.826%
9	7.622	833	839	846	rBB	104364	160099	21.23%	2.014%
10	8.345	957	962	974	rBB	67590	109865	14.57%	1.382%
11	8.781	1031	1036	1042	rBV	84047	133839	17.75%	1.684%
12	8.839	1042	1046	1050	rVB	15082	19961	2.65%	0.251%
13	9.504	1153	1159	1167	rBB	70439	113013	14.99%	1.422%
14	10.045	1246	1251	1268	rBV	109677	187711	24.90%	2.361%
15	10.404	1306	1312	1323	rBB	161899	272674	36.17%	3.430%
16	10.557	1332	1338	1354	rBV	72459	133605	17.72%	1.681%
17	12.022	1584	1587	1590	rBB	961	1299	0.17%	0.016%
18	13.175	1780	1783	1786	rBB	1489	1604	0.21%	0.020%
19	13.692	1866	1871	1876	rBV	249147	348951	46.28%	4.390%
20	13.739	1876	1879	1886	rVB	58789	83062	11.02%	1.045%
21	13.974	1913	1919	1933	rBB	295251	426523	56.57%	5.366%
22	14.151	1946	1949	1952	rBV	9676	12912	1.71%	0.162%
23	14.180	1952	1954	1957	rVB	6003	5964	0.79%	0.075%
24	14.286	1966	1972	1979	rBB2	263728	399337	52.97%	5.024%
25	14.533	2009	2014	2027	rBV	39853	84267	11.18%	1.060%
26	14.621	2027	2029	2035	rVB3	1676	2891	0.38%	0.036%
27	15.080	2104	2107	2110	rBV	2202	2843	0.38%	0.036%
28	15.133	2110	2116	2120	rVB2	11375	13773	1.83%	0.173%
29	15.280	2135	2141	2152	rBB	394347	560790	74.38%	7.055%
30	15.427	2162	2166	2176	rBB	73606	100843	13.38%	1.269%
31	15.521	2179	2182	2189	rBB3	4270	7346	0.97%	0.092%
32	15.998	2259	2263	2272	rBV	12886	19752	2.62%	0.248%
33	16.104	2279	2281	2285	rBB	1376	1701	0.23%	0.021%
34	16.339	2319	2321	2324	rBV	1100	1296	0.17%	0.016%

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35	16.580	2359	2362	2366	rBB	3658	3836	0.51%	0.048%
36	16.645	2370	2373	2377	rBB2	7396	7229	0.96%	0.091%
37	16.780	2391	2396	2402	rBB4	9031	17594	2.33%	0.221%
38	16.839	2402	2406	2411	rBB2	2272	3352	0.44%	0.042%
39	16.974	2426	2429	2434	rBV	19014	20969	2.78%	0.264%
40	17.039	2434	2440	2446	rVV	345089	489847	64.97%	6.162%
41	17.133	2449	2456	2465	rVV2	425159	616927	81.83%	7.761%
42	17.198	2465	2467	2472	rVV	1187	1812	0.24%	0.023%
43	17.251	2472	2476	2480	rVB	3799	4636	0.61%	0.058%
44	17.415	2500	2504	2512	rBB	28532	36279	4.81%	0.456%
45	17.539	2521	2525	2530	rBB5	9640	16280	2.16%	0.205%
46	17.680	2544	2549	2556	rBB6	23629	38186	5.06%	0.480%
47	17.757	2561	2562	2567	rBB	1523	1132	0.15%	0.014%
48	17.810	2567	2571	2574	rBB	9578	10149	1.35%	0.128%
49	17.851	2574	2578	2583	rBV2	17344	25215	3.34%	0.317%
50	17.898	2583	2586	2587	rBV	2636	2637	0.35%	0.033%
51	17.927	2587	2591	2593	rVV3	18702	27931	3.70%	0.351%
52	17.951	2593	2595	2599	rVB	18877	21277	2.82%	0.268%
53	17.986	2599	2601	2604	rBV3	2773	3725	0.49%	0.047%
54	18.051	2609	2612	2614	rBV2	7916	8671	1.15%	0.109%
55	18.080	2614	2617	2622	rVV	18058	26846	3.56%	0.338%
56	18.133	2622	2626	2628	rVB2	5040	5321	0.71%	0.067%
57	18.192	2631	2636	2639	rBV3	5286	6784	0.90%	0.085%
58	18.233	2639	2643	2650	rVB3	4502	8780	1.16%	0.110%
59	18.333	2658	2660	2665	rBB3	4666	5240	0.70%	0.066%
60	18.451	2677	2680	2682	rBB	1134	1025	0.14%	0.013%
61	18.792	2734	2738	2739	rBV	1113	1606	0.21%	0.020%
62	18.939	2760	2763	2764	rBV2	1393	1242	0.16%	0.016%
63	19.080	2783	2787	2790	rBV	3525	4781	0.63%	0.060%
64	19.115	2790	2793	2796	rVB	3926	4723	0.63%	0.059%
65	19.180	2801	2804	2807	rBV	987	1363	0.18%	0.017%
66	19.215	2807	2810	2818	rBV3	6503	11353	1.51%	0.143%
67	19.298	2821	2824	2826	rVV3	2364	2552	0.34%	0.032%
68	19.333	2826	2830	2834	rVB2	5721	7078	0.94%	0.089%
69	19.445	2843	2849	2861	rBV	548981	753951	100.00%	9.485%
70	19.521	2861	2862	2866	rVB	2797	2419	0.32%	0.030%
71	19.833	2912	2915	2920	rBV	7002	7578	1.01%	0.095%

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72	20.039	2945	2950	2953	rBV2	1475	2050	0.27%	0.026%
73	20.209	2975	2979	2983	rVB2	1382	1756	0.23%	0.022%
74	20.315	2994	2997	3001	rVB	706	957	0.13%	0.012%
75	20.421	3014	3015	3018	rBV	1735	1191	0.16%	0.015%
76	20.480	3021	3025	3029	rVV3	1615	2363	0.31%	0.030%
77	20.521	3029	3032	3034	rVV	2511	2515	0.33%	0.032%
78	20.592	3042	3044	3049	rBV2	657	978	0.13%	0.012%
79	20.803	3076	3080	3082	rBV	882	974	0.13%	0.012%
80	20.827	3082	3084	3087	rVB	931	831	0.11%	0.010%
81	20.868	3087	3091	3092	rBV	1711	1521	0.20%	0.019%
82	20.892	3092	3095	3098	rBV2	704	844	0.11%	0.011%
83	20.945	3100	3104	3112	rBV2	32653	54748	7.26%	0.689%
84	21.021	3115	3117	3121	rVB3	6576	6231	0.83%	0.078%
85	21.115	3128	3133	3134	rBV3	1592	2553	0.34%	0.032%
86	21.150	3136	3139	3143	rBV	23498	25525	3.39%	0.321%
87	21.186	3143	3145	3148	rBV3	6573	7044	0.93%	0.089%
88	21.245	3150	3155	3168	rVB	431820	554631	73.56%	6.977%
89	21.339	3168	3171	3174	rBV3	2115	2894	0.38%	0.036%
90	21.398	3174	3181	3183	rBV5	5844	13698	1.82%	0.172%
91	21.815	3248	3252	3258	rVB2	7807	10970	1.46%	0.138%
92	21.915	3264	3269	3274	rBV2	19144	27125	3.60%	0.341%
93	22.021	3285	3287	3290	rBV4	2717	3159	0.42%	0.040%
94	22.168	3308	3312	3317	rVB4	11501	17618	2.34%	0.222%
95	22.250	3321	3326	3339	rVB6	33989	60724	8.05%	0.764%
96	22.356	3339	3344	3348	rBV2	21503	33476	4.44%	0.421%
97	22.762	3405	3413	3418	rBV5	13636	30230	4.01%	0.380%
98	23.327	3502	3509	3521	rBV	282326	528745	70.13%	6.652%
99	23.468	3526	3533	3546	rVB2	204660	406978	53.98%	5.120%
100	23.950	3609	3615	3620	rVB3	14641	28487	3.78%	0.358%

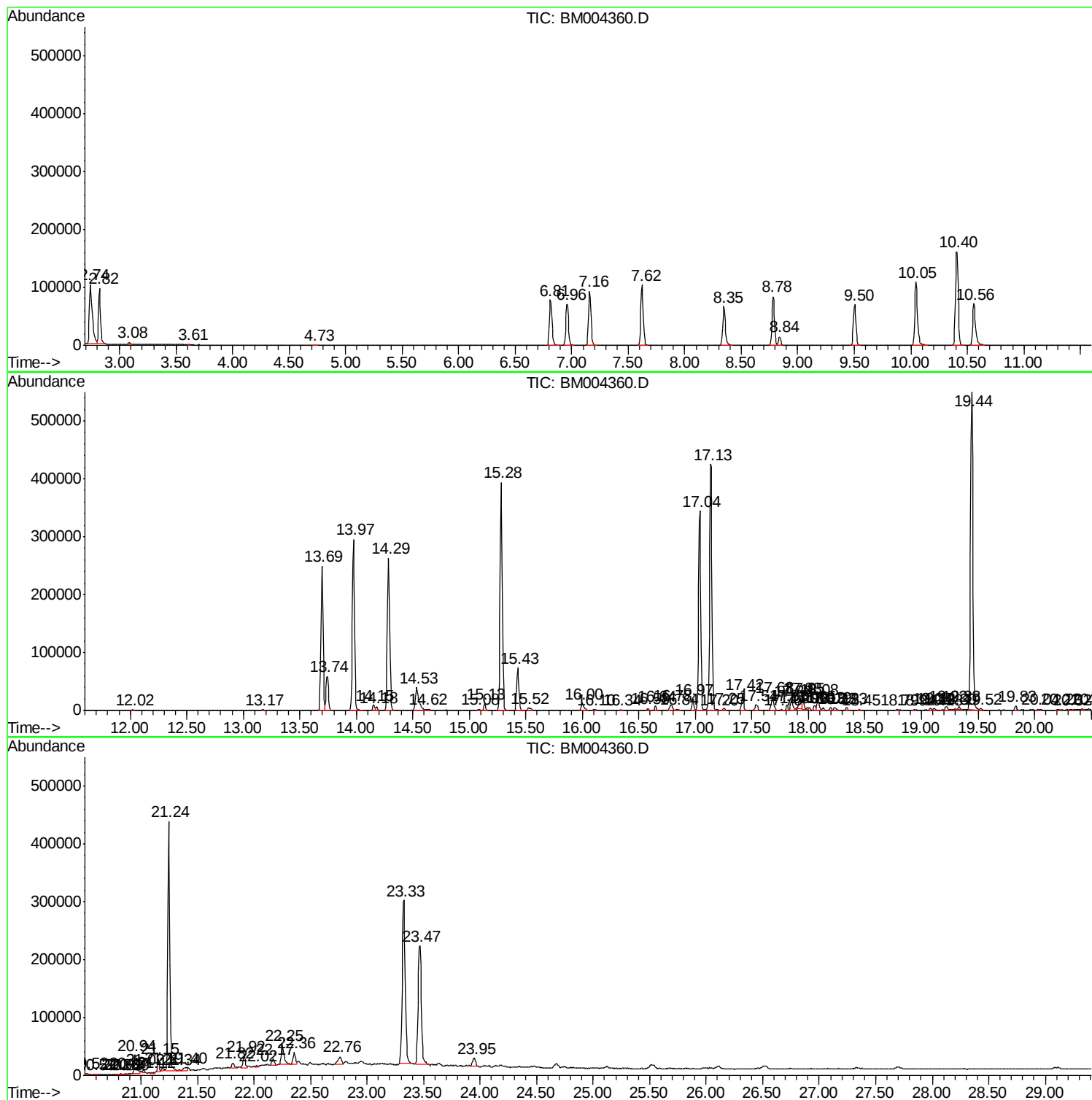
Sum of corrected areas: 7949151

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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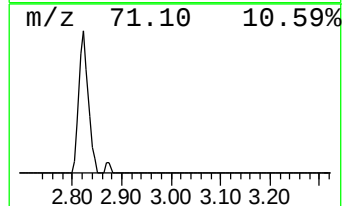
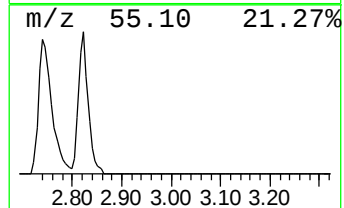
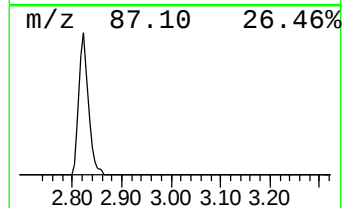
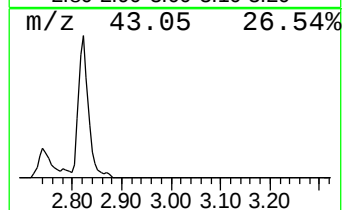
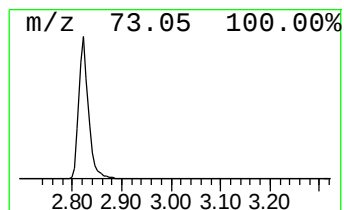
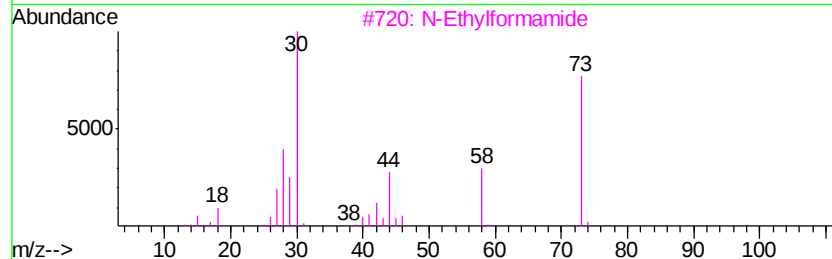
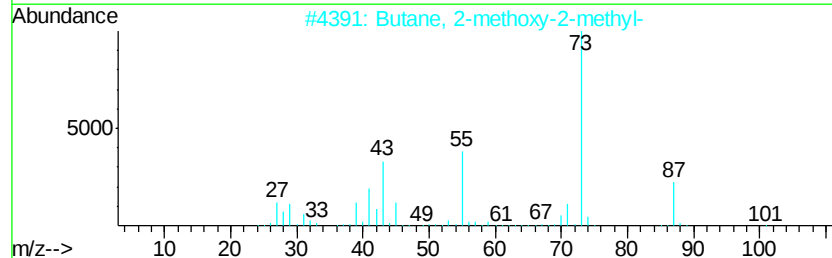
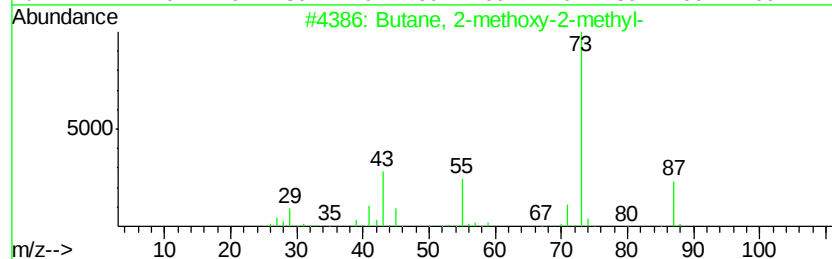
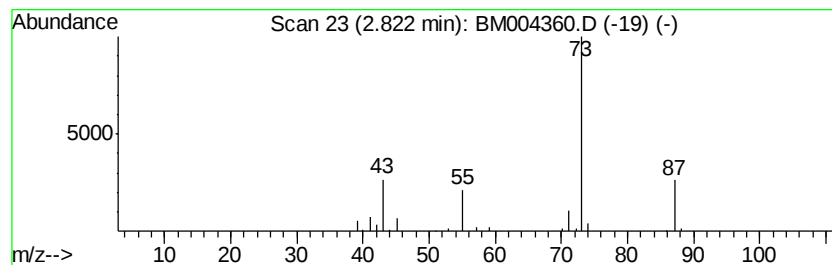
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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.
2.82	15.26 ng/ul	122136	1,4-Dichlorobenzene-d4	7.62

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	64
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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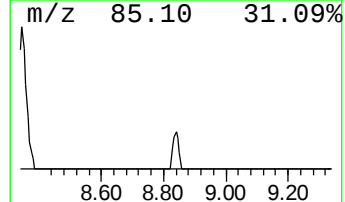
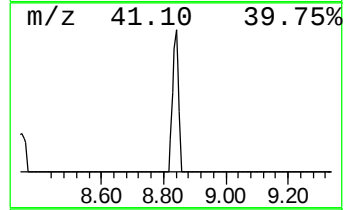
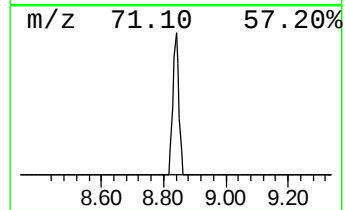
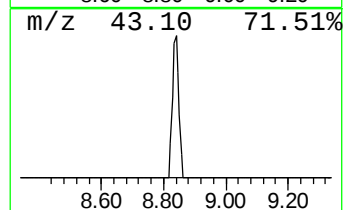
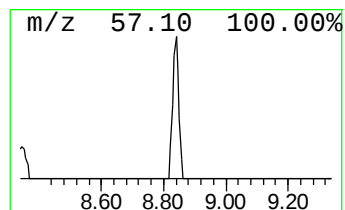
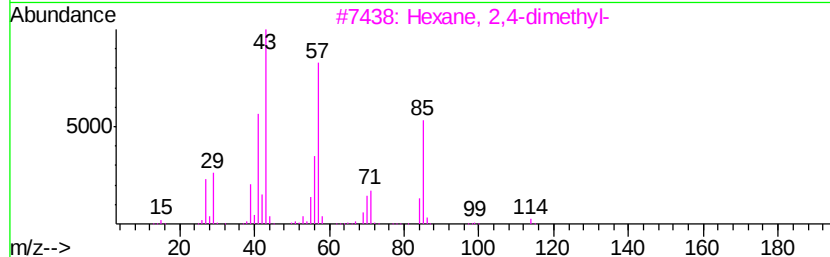
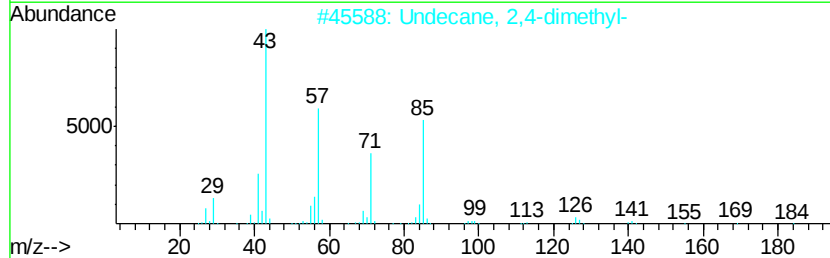
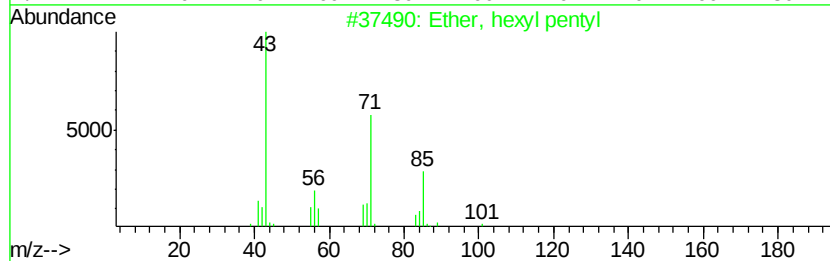
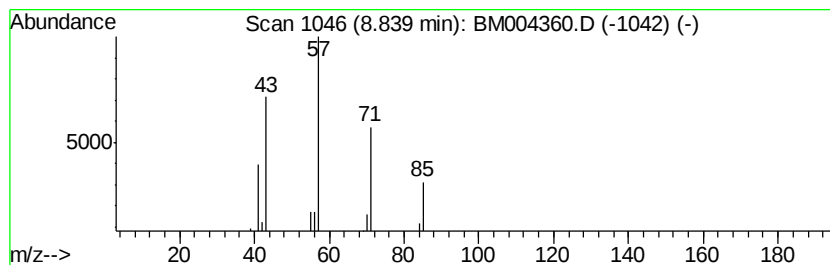
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Peak Number 3 Ether, hexyl pentyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.49 ng/ul	19961	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	72
2		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	40
4		Octane	114	C8H18	000111-65-9	40
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.82	15.3	ng/ul	122136	1	7.62	160099	20.0
Ether, hexyl pentyl	8.84	2.5	ng/ul	19961	1	7.62	160099	20.0