

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021485.D
 Acq On : 24 Mar 2016 15:01
 Operator : UM/SJ
 Sample : H1909-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T39

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-BG031616.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	3.194	56	60	66	rVB2	4070	5479	2.00%	0.186%
2	3.247	66	69	71	rBV2	779	748	0.27%	0.025%
3	3.299	76	78	79	rBV2	639	485	0.18%	0.016%
4	3.388	92	93	96	rVB	518	410	0.15%	0.014%
5	3.423	96	99	101	rVB2	510	431	0.16%	0.015%
6	3.464	103	106	108	rVB2	1023	1252	0.46%	0.042%
7	3.822	165	167	170	rVB	437	443	0.16%	0.015%
8	3.946	187	188	191	rVB2	545	412	0.15%	0.014%
9	4.104	213	215	218	rVB	400	442	0.16%	0.015%
10	4.451	271	274	275	rVB	402	364	0.13%	0.012%
11	4.463	275	276	279	rBB	460	417	0.15%	0.014%
12	4.545	284	290	298	rBV2	7089	11665	4.26%	0.395%
13	4.598	298	299	304	rVB2	284	404	0.15%	0.014%
14	4.851	339	342	344	rBV	541	560	0.20%	0.019%
15	5.156	387	394	400	rVV	15959	23745	8.67%	0.805%
16	5.197	400	401	403	rVB	603	399	0.15%	0.014%
17	7.336	760	765	770	rBV2	27248	47587	17.38%	1.613%
18	7.389	770	774	782	rVB	23977	39772	14.53%	1.348%
19	7.636	811	816	824	rBB	29689	48432	17.69%	1.641%
20	8.059	883	888	895	rBB	33359	56864	20.77%	1.927%
21	8.846	1016	1022	1028	rBV	31606	54440	19.88%	1.845%
22	9.228	1081	1087	1095	rBB	31322	55426	20.24%	1.878%
23	9.592	1148	1149	1152	rBB	420	412	0.15%	0.014%
24	9.951	1205	1210	1217	rBB2	27669	47798	17.46%	1.620%
25	10.567	1310	1315	1323	rBB	39039	65171	23.80%	2.209%
26	10.867	1359	1366	1374	rBB	55671	96375	35.20%	3.266%
27	11.014	1384	1391	1398	rBV	30889	53659	19.60%	1.819%
28	12.383	1620	1624	1626	rBB2	808	965	0.35%	0.033%
29	12.442	1633	1634	1637	rBB	512	448	0.16%	0.015%
30	13.564	1821	1825	1828	rBB	1093	1410	0.51%	0.048%
31	14.081	1907	1913	1917	rBV	100421	140174	51.19%	4.751%
32	14.122	1917	1920	1926	rVB	28745	38603	14.10%	1.308%
33	14.375	1956	1963	1970	rBB	93234	148999	54.42%	5.050%
34	14.545	1989	1992	1995	rBB	2806	2971	1.09%	0.101%

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35	14.674	2008	2014	2021	rBB2	97022	154530	56.44%	5.237%
36	15.092	2079	2085	2094	rBV3	19949	40254	14.70%	1.364%
37	15.150	2094	2095	2097	rVV2	1444	1039	0.38%	0.035%
38	15.168	2097	2098	2101	rVB	919	472	0.17%	0.016%
39	15.450	2144	2146	2149	rBV	602	646	0.24%	0.022%
40	15.491	2149	2153	2157	rVB2	4936	6026	2.20%	0.204%
41	15.661	2176	2182	2189	rBB	133063	200852	73.35%	6.807%
42	15.791	2199	2204	2211	rBB	34894	50313	18.38%	1.705%
43	15.879	2216	2219	2220	rBV	962	784	0.29%	0.027%
44	15.896	2220	2222	2226	rVB2	1819	1891	0.69%	0.064%
45	16.355	2296	2300	2302	rBV	4595	6114	2.23%	0.207%
46	16.372	2302	2303	2307	rVB	1893	1615	0.59%	0.055%
47	16.696	2355	2358	2362	rBB	438	567	0.21%	0.019%
48	17.142	2431	2434	2438	rBB	2927	2879	1.05%	0.098%
49	17.195	2441	2443	2447	rBB2	847	878	0.32%	0.030%
50	17.412	2475	2480	2487	rBV2	135538	204688	74.75%	6.937%
51	17.459	2487	2488	2492	rVV2	1875	1241	0.45%	0.042%
52	17.512	2492	2497	2505	rVV	156955	224133	81.86%	7.596%
53	17.683	2523	2526	2527	rBV	407	454	0.17%	0.015%
54	17.877	2555	2559	2561	rBB	1149	912	0.33%	0.031%
55	18.288	2623	2629	2630	rBV	1025	1125	0.41%	0.038%
56	18.347	2634	2639	2640	rBV	788	882	0.32%	0.030%
57	18.470	2658	2660	2663	rVB	364	382	0.14%	0.013%
58	18.523	2668	2669	2672	rVB	734	406	0.15%	0.014%
59	18.564	2672	2676	2678	rBV	467	618	0.23%	0.021%
60	18.693	2695	2698	2701	rBV	509	814	0.30%	0.028%
61	18.728	2703	2704	2707	rBV	358	394	0.14%	0.013%
62	18.875	2726	2729	2733	rVB2	566	813	0.30%	0.028%
63	18.928	2736	2738	2741	rBV	506	545	0.20%	0.018%
64	19.087	2762	2765	2766	rVB2	832	655	0.24%	0.022%
65	19.110	2766	2769	2771	rBV	488	593	0.22%	0.020%
66	19.140	2771	2774	2778	rBV2	831	838	0.31%	0.028%
67	19.193	2780	2783	2786	rBV3	1325	1361	0.50%	0.046%
68	19.340	2805	2808	2809	rBV2	728	711	0.26%	0.024%
69	19.381	2812	2815	2816	rVB2	670	574	0.21%	0.019%
70	19.404	2816	2819	2820	rBV	393	433	0.16%	0.015%
71	19.428	2820	2823	2825	rBV2	1231	1703	0.62%	0.058%

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72	19.457	2825	2828	2833	rVB2	6083	8429	3.08%	0.286%
73	19.492	2833	2834	2836	rBV	807	487	0.18%	0.017%
74	19.645	2858	2860	2862	rBV2	751	566	0.21%	0.019%
75	19.680	2863	2866	2873	rVV3	1347	2076	0.76%	0.070%
76	19.733	2873	2875	2877	rVB3	591	440	0.16%	0.015%
77	19.792	2877	2885	2894	rBV	186252	273812	100.00%	9.280%
78	19.880	2898	2900	2902	rVB	1102	713	0.26%	0.024%
79	19.904	2902	2904	2905	rBV	1053	683	0.25%	0.023%
80	19.921	2905	2907	2909	rVB	885	673	0.25%	0.023%
81	19.939	2909	2910	2912	rBV2	910	607	0.22%	0.021%
82	19.974	2914	2916	2917	rBV2	767	544	0.20%	0.018%
83	20.003	2919	2921	2925	rVB3	983	1066	0.39%	0.036%
84	20.068	2931	2932	2935	rBV3	938	716	0.26%	0.024%
85	20.097	2935	2937	2939	rVB2	867	743	0.27%	0.025%
86	20.133	2941	2943	2946	rBV4	1016	1169	0.43%	0.040%
87	20.291	2966	2970	2976	rVB5	6185	7119	2.60%	0.241%
88	20.374	2983	2984	2987	rBV3	1085	835	0.30%	0.028%
89	20.403	2987	2989	2990	rVB2	1221	764	0.28%	0.026%
90	20.421	2990	2992	2993	rBV2	1305	920	0.34%	0.031%
91	20.785	3050	3054	3058	rBV3	7764	9113	3.33%	0.309%
92	21.284	3136	3139	3143	rVB4	7064	8093	2.96%	0.274%
93	21.666	3198	3204	3211	rBV	158328	249582	91.15%	8.458%
94	21.960	3252	3254	3256	rBV3	3015	2435	0.89%	0.083%
95	22.424	3330	3333	3335	rBV4	5008	6130	2.24%	0.208%
96	23.082	3443	3445	3446	rBV2	2662	1956	0.71%	0.066%
97	23.100	3446	3448	3452	rVB5	3913	5315	1.94%	0.180%
98	23.294	3477	3481	3488	rVB2	12893	23984	8.76%	0.813%
99	24.657	3704	3713	3722	rBV2	98499	240335	87.77%	8.145%
100	24.880	3739	3751	3762	rVB	82894	241111	88.06%	8.171%

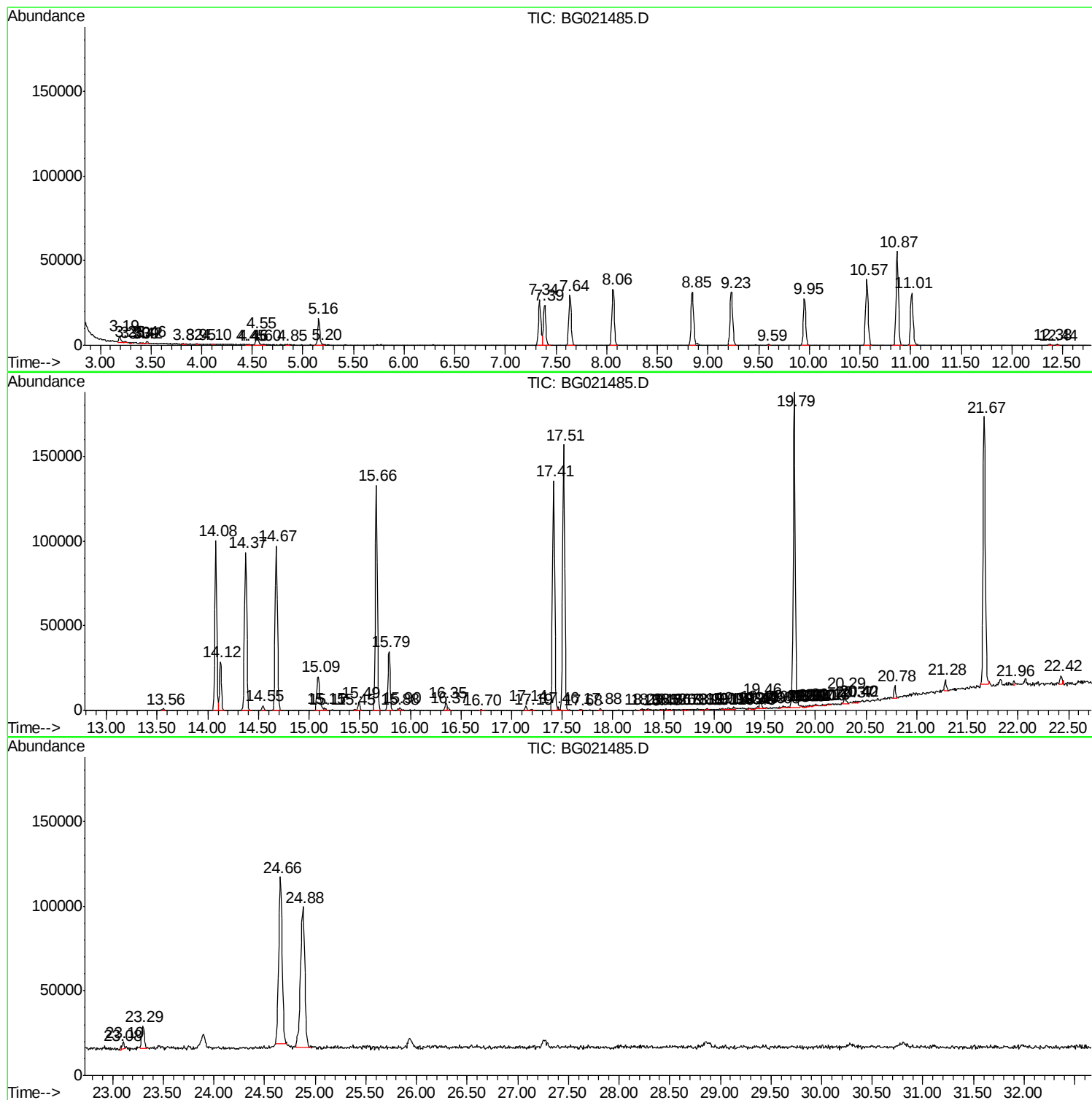
Sum of corrected areas: 2950713

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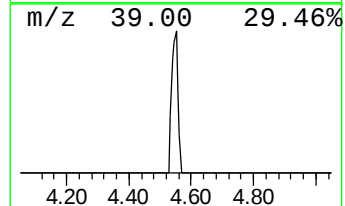
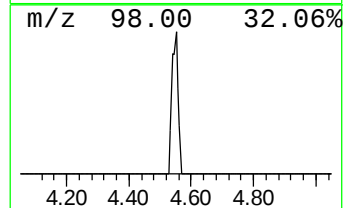
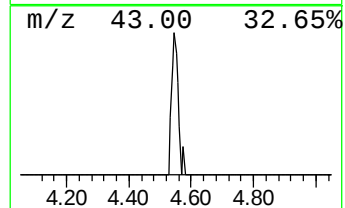
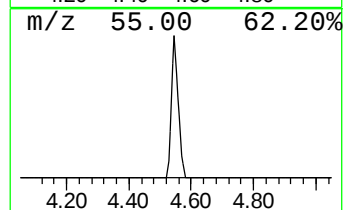
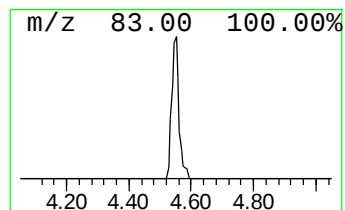
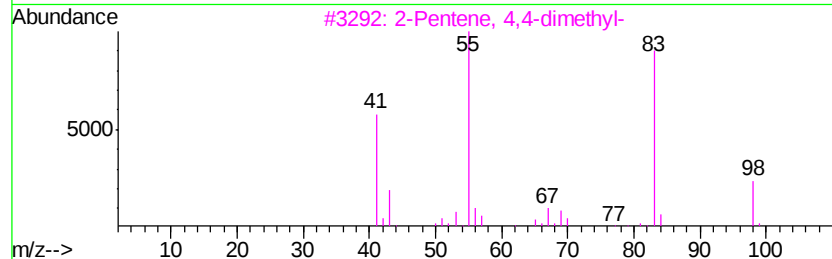
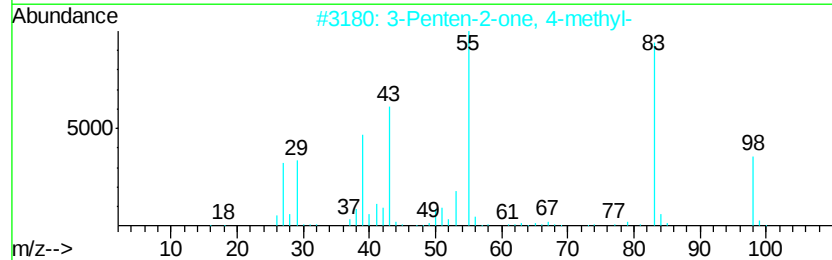
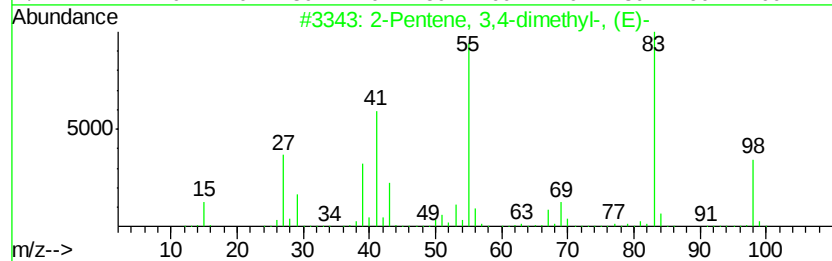
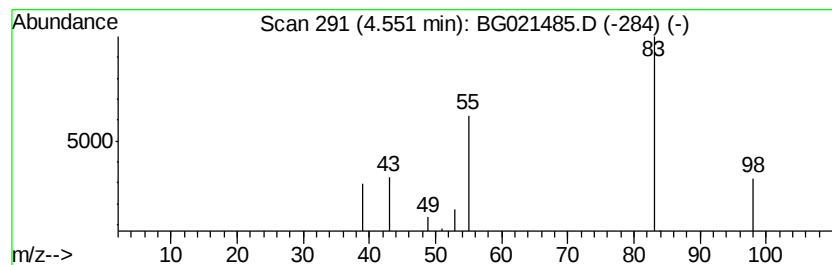
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic4.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	4.10 ng/ul	11665	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
3			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	78
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	78



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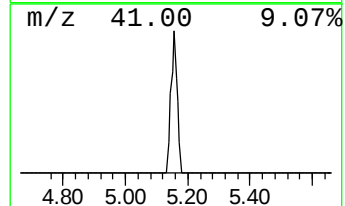
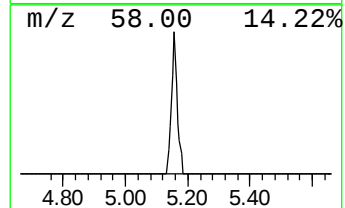
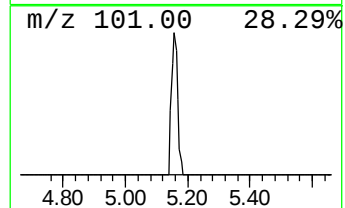
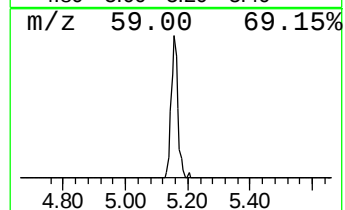
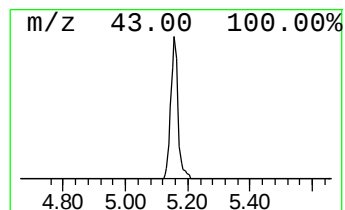
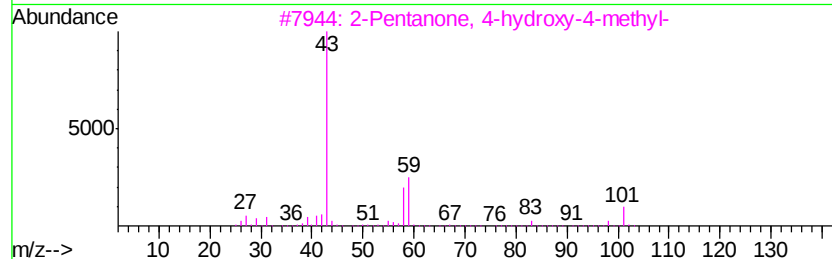
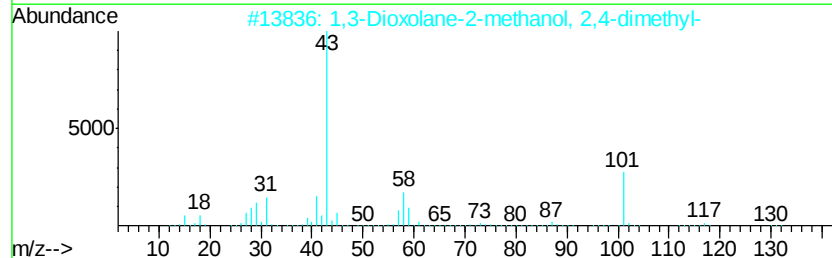
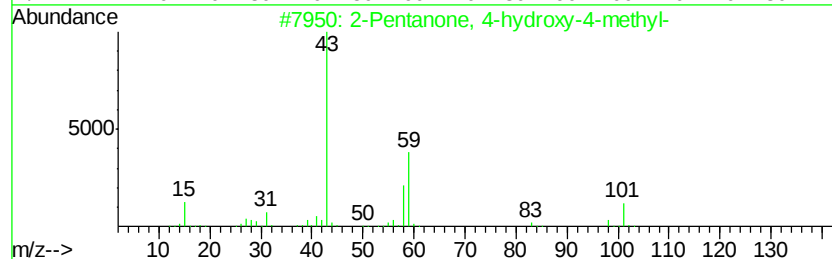
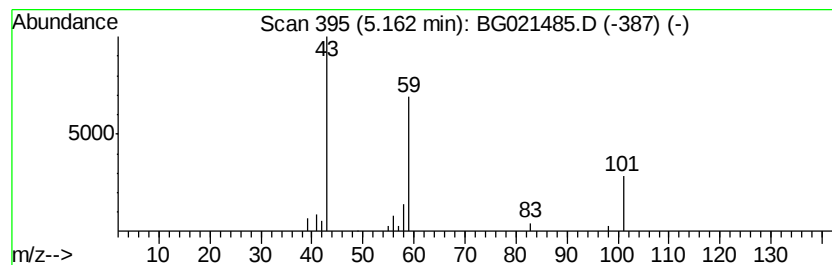
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	8.35 ng/ul	23745	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.55	4.1	ng/ul	11665	1	8.06	56864	20.0
unknown-01	5.16	8.3	ng/ul	23745	1	8.06	56864	20.0