

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
 Data File : BG018790.D
 Acq On : 21 Sep 2015 19:55
 Operator : TP
 Sample : G3696-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS3

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	3.102	41	45	53	rBV	52883	80080	4.69%	0.556%
2	3.179	53	58	67	rBV	593414	817262	47.88%	5.673%
3	3.525	114	117	119	rBV3	1842	2452	0.14%	0.017%
4	3.678	142	143	151	rVB4	2025	3055	0.18%	0.021%
5	3.790	159	162	164	rVB3	4285	4486	0.26%	0.031%
6	4.189	226	230	234	rVV3	4389	5528	0.32%	0.038%
7	6.504	619	624	626	rVV3	4123	5676	0.33%	0.039%
8	7.168	731	737	746	rVB	27995	52137	3.05%	0.362%
9	7.321	757	763	776	rVB	127515	209421	12.27%	1.454%
10	7.532	793	799	807	rBV	116592	192368	11.27%	1.335%
11	7.996	872	878	886	rBV	127046	224283	13.14%	1.557%
12	8.055	886	888	893	rVB4	6459	7511	0.44%	0.052%
13	8.707	993	999	1007	rVV	90161	153557	9.00%	1.066%
14	8.989	1041	1047	1050	rVV4	1107	2460	0.14%	0.017%
15	9.095	1058	1065	1069	rVV2	12844	22342	1.31%	0.155%
16	9.154	1069	1075	1087	rVV	138406	252364	14.79%	1.752%
17	9.248	1087	1091	1094	rVB2	1572	2382	0.14%	0.017%
18	9.882	1191	1199	1210	rBV	107584	196084	11.49%	1.361%
19	10.423	1284	1291	1299	rBV	172603	300755	17.62%	2.088%
20	10.482	1299	1301	1306	rVB5	2458	3443	0.20%	0.024%
21	10.699	1332	1338	1346	rVB4	4749	9667	0.57%	0.067%
22	10.799	1348	1355	1363	rVV	194657	343471	20.12%	2.384%
23	12.086	1565	1574	1578	rBV4	9951	19489	1.14%	0.135%
24	12.891	1705	1711	1717	rBV4	2796	5265	0.31%	0.037%
25	13.237	1766	1770	1773	rVB4	5231	7746	0.45%	0.054%
26	14.025	1898	1904	1911	rBV	413911	615686	36.07%	4.273%
27	14.318	1944	1954	1962	rBV	449285	694212	40.68%	4.818%
28	14.624	2000	2006	2015	rVV2	333020	562331	32.95%	3.903%
29	14.700	2015	2019	2023	rVB2	11691	17054	1.00%	0.118%
30	14.830	2035	2041	2049	rBV2	26749	53284	3.12%	0.370%
31	15.294	2116	2120	2127	rVB3	11917	18812	1.10%	0.131%
32	15.417	2135	2141	2142	rBV3	4115	5356	0.31%	0.037%
33	15.429	2142	2143	2149	rVB2	6568	6909	0.40%	0.048%
34	15.617	2168	2175	2182	rBV	659060	987738	57.87%	6.856%

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35	15.729	2188	2194	2205	rVV	165088	261528	15.32%	1.815%
36	15.799	2205	2206	2209	rVV2	2824	3056	0.18%	0.021%
37	15.852	2209	2215	2222	rVV2	7281	13044	0.76%	0.091%
38	15.975	2231	2236	2241	rVV2	9918	16159	0.95%	0.112%
39	16.510	2322	2327	2329	rBV4	1918	2914	0.17%	0.020%
40	16.563	2334	2336	2340	rVB3	2239	2856	0.17%	0.020%
41	16.680	2351	2356	2360	rBV3	2030	2645	0.15%	0.018%
42	16.957	2398	2403	2405	rBV3	2597	2551	0.15%	0.018%
43	17.150	2433	2436	2440	rVB3	2714	3760	0.22%	0.026%
44	17.368	2466	2473	2480	rVB2	552365	817862	47.92%	5.677%
45	17.468	2483	2490	2497	rBV	844914	1259430	73.79%	8.742%
46	17.638	2515	2519	2524	rVB	6011	7943	0.47%	0.055%
47	18.032	2580	2586	2595	rVV	130501	178417	10.45%	1.238%
48	18.190	2612	2613	2619	rVV5	2823	3834	0.22%	0.027%
49	18.320	2629	2635	2639	rBV	8460	13280	0.78%	0.092%
50	18.355	2639	2641	2646	rVV5	4814	6735	0.39%	0.047%
51	18.508	2664	2667	2672	rVB5	7485	8885	0.52%	0.062%
52	18.666	2691	2694	2697	rBV3	2302	3441	0.20%	0.024%
53	18.837	2719	2723	2728	rBV4	5793	8239	0.48%	0.057%
54	19.189	2781	2783	2787	rBV3	2150	3785	0.22%	0.026%
55	19.424	2819	2823	2825	rBV3	1890	2900	0.17%	0.020%
56	19.577	2846	2849	2851	rBV2	3216	3471	0.20%	0.024%
57	19.636	2856	2859	2864	rBV	9394	14587	0.85%	0.101%
58	19.677	2864	2866	2871	rVB5	3529	3822	0.22%	0.027%
59	19.753	2872	2879	2886	rBV	1160857	1666776	97.66%	11.569%
60	19.859	2895	2897	2900	rVB3	2510	2562	0.15%	0.018%
61	19.918	2903	2907	2910	rBV5	1882	3904	0.23%	0.027%
62	19.977	2913	2917	2918	rVV4	3202	3294	0.19%	0.023%
63	20.018	2921	2924	2927	rBV3	2760	3354	0.20%	0.023%
64	20.200	2951	2955	2958	rVB6	2414	4222	0.25%	0.029%
65	20.335	2976	2978	2982	rVB4	3200	2872	0.17%	0.020%
66	20.464	2999	3000	3003	rBV2	2731	2588	0.15%	0.018%
67	20.570	3015	3018	3023	rBV7	3619	6065	0.36%	0.042%
68	20.652	3026	3032	3040	rBV2	34141	63528	3.72%	0.441%
69	20.740	3045	3047	3049	rBV3	2562	3129	0.18%	0.022%
70	20.993	3089	3090	3094	rBV4	3720	4613	0.27%	0.032%
71	21.228	3127	3130	3131	rBV3	5477	5808	0.34%	0.040%

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72	21.293	3137	3141	3145	rBV5	6007	11338	0.66%	0.079%
73	21.346	3147	3150	3158	rVB3	10903	20909	1.23%	0.145%
74	21.545	3182	3184	3185	rBV2	4399	2839	0.17%	0.020%
75	21.628	3191	3198	3208	rBV	692588	1122930	65.79%	7.794%
76	22.168	3288	3290	3291	rBV2	5599	3888	0.23%	0.027%
77	22.579	3358	3360	3362	rVB3	4213	3306	0.19%	0.023%
78	23.102	3445	3449	3451	rVB5	5854	6679	0.39%	0.046%
79	23.237	3470	3472	3474	rBV3	4805	5833	0.34%	0.040%
80	23.608	3533	3535	3537	rBV3	4616	3631	0.21%	0.025%
81	23.702	3545	3551	3552	rBV5	10864	15129	0.89%	0.105%
82	24.266	3645	3647	3648	rBV2	3786	3156	0.18%	0.022%
83	24.595	3691	3703	3716	rBV	640827	1706728	100.00%	11.846%
84	24.812	3730	3740	3753	rVB	406190	1128930	66.15%	7.836%
85	25.288	3820	3821	3825	rBV4	4288	4626	0.27%	0.032%
86	26.181	3971	3973	3975	rBV3	8186	8285	0.49%	0.058%
87	26.545	4033	4035	4037	rBV3	3879	2831	0.17%	0.020%
88	26.769	4071	4073	4075	rBV3	4704	3113	0.18%	0.022%
89	27.256	4154	4156	4157	rBV2	6562	4702	0.28%	0.033%
90	27.415	4182	4183	4186	rBV3	4465	3108	0.18%	0.022%
91	27.474	4191	4193	4195	rBV2	3529	2786	0.16%	0.019%
92	27.797	4247	4248	4250	rBV2	5499	3951	0.23%	0.027%
93	28.026	4285	4287	4289	rBV3	3644	3908	0.23%	0.027%
94	28.138	4304	4306	4307	rVB	5974	2755	0.16%	0.019%
95	29.695	4569	4571	4574	rVB4	4753	4592	0.27%	0.032%
96	30.076	4634	4636	4637	rVB2	4285	2697	0.16%	0.019%
97	30.406	4690	4692	4696	rVB5	4721	4407	0.26%	0.031%
98	30.570	4716	4720	4722	rBV4	4584	7020	0.41%	0.049%
99	30.987	4789	4791	4799	rVB8	4210	7388	0.43%	0.051%
100	31.839	4934	4936	4938	rBV3	3896	3435	0.20%	0.024%

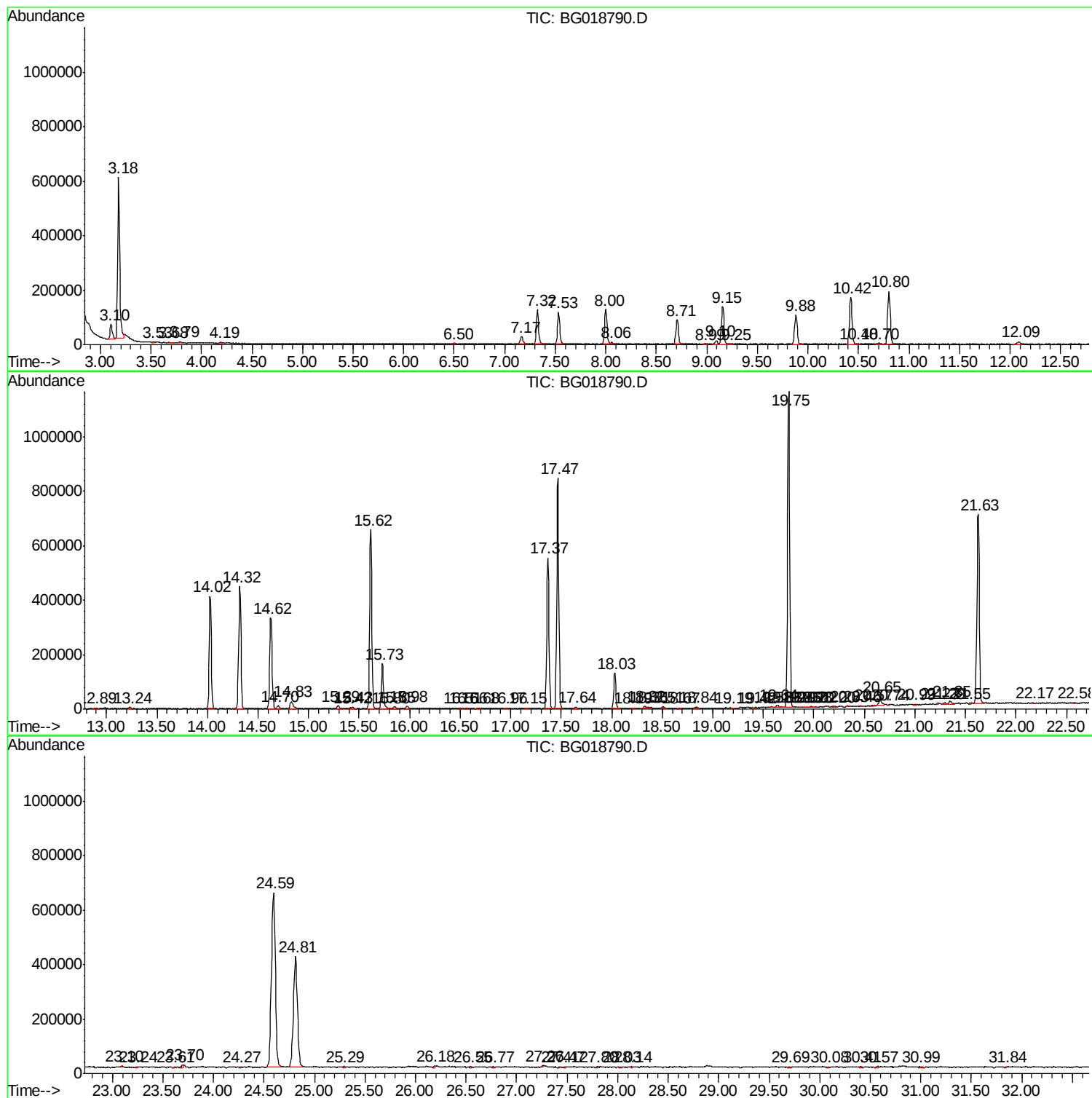
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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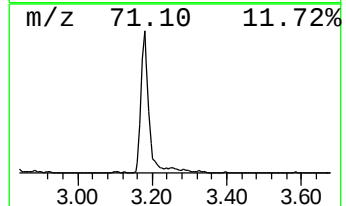
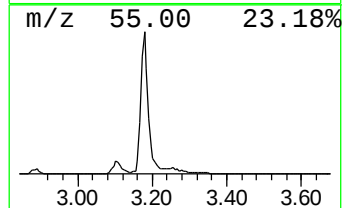
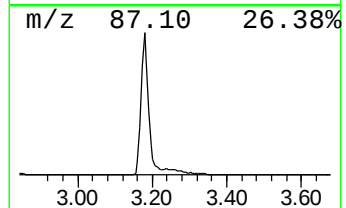
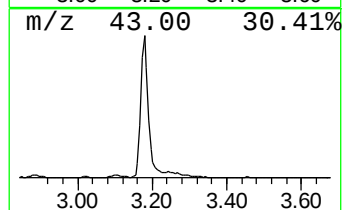
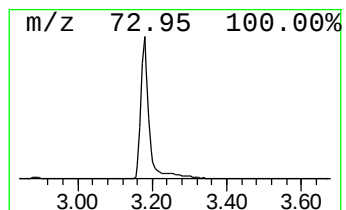
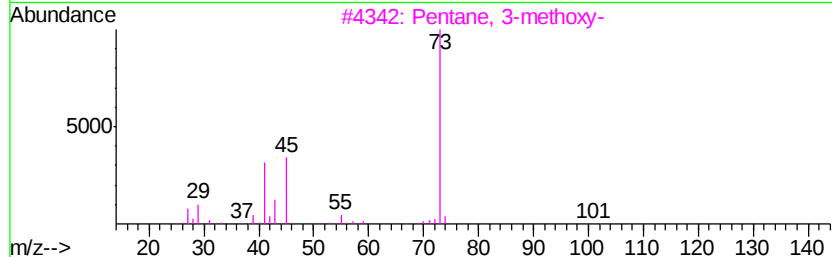
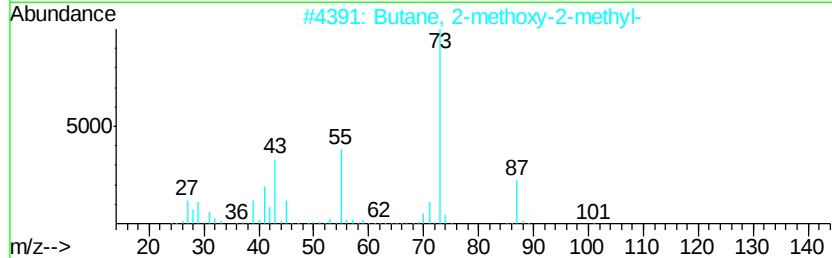
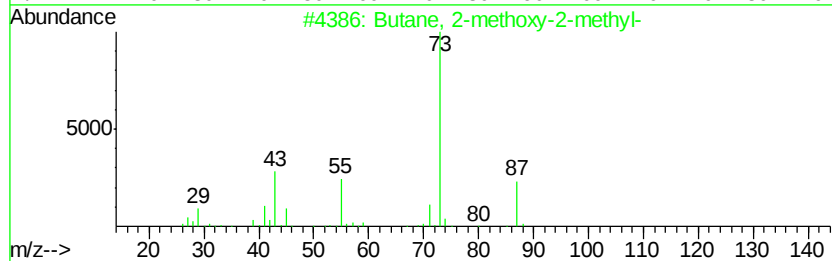
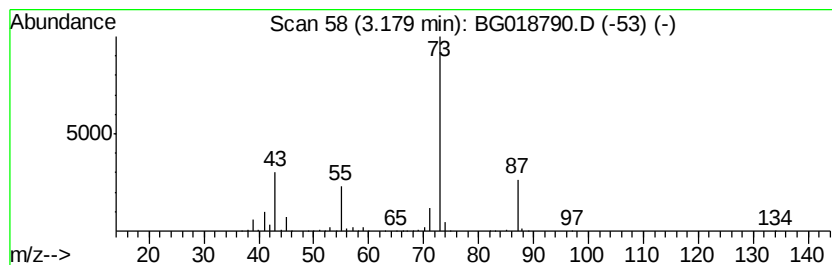
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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.		
3.18	72.88 ng/ul	817262	1,4-Dichlorobenzene-d4	8.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78	
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17	
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9	
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9	



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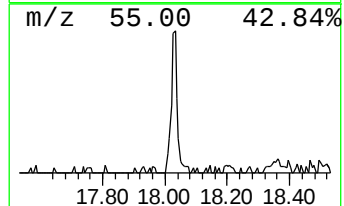
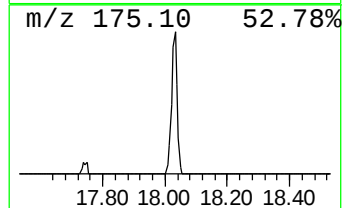
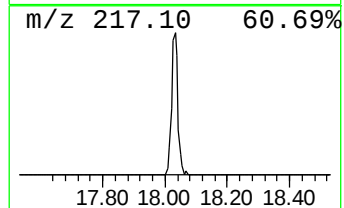
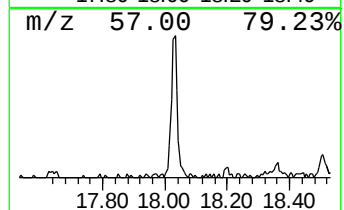
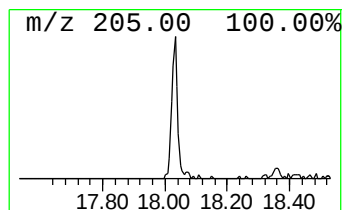
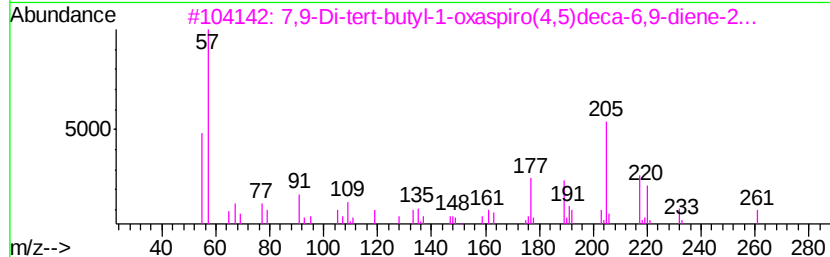
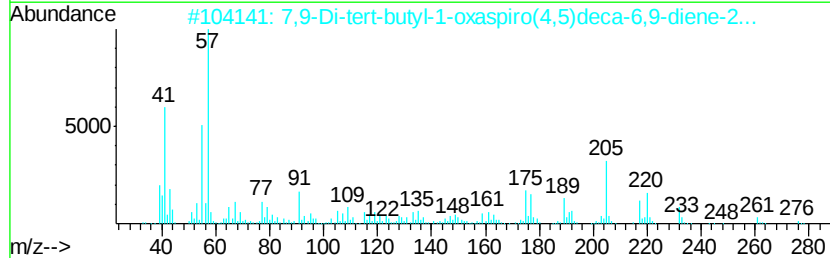
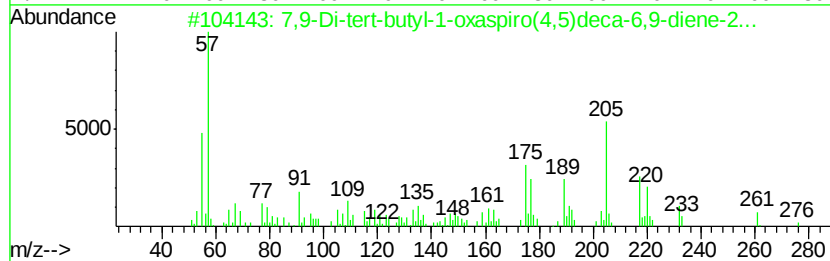
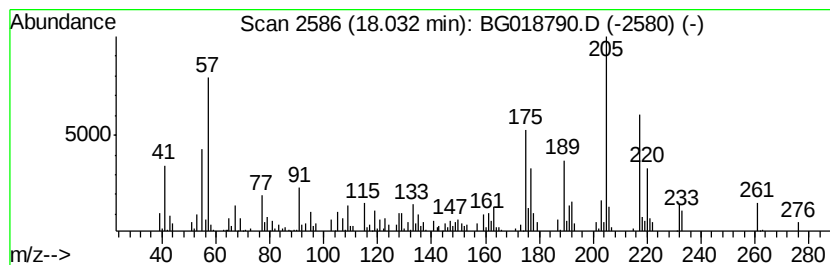
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.36 ng/ul	178417	Phenanthrene-d10	17.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	49
4			2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38
5			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	72.9	ng/ul	817262	1	8.00	224283	20.0
7,9-Di-tert-butyl...	18.03	4.4	ng/ul	178417	4	17.37	817862	20.0