

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

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	3.049	31	36	45	rBV2	84445	191383	10.61%	1.310%
2	3.131	45	50	59	rVB	220616	346798	19.22%	2.373%
3	3.290	73	77	80	rBV5	1510	2245	0.12%	0.015%
4	3.401	92	96	98	rBV4	2568	3271	0.18%	0.022%
5	3.748	153	155	160	rVV4	3672	5652	0.31%	0.039%
6	4.153	222	224	229	rVB4	2351	2722	0.15%	0.019%
7	5.293	412	418	423	rVV2	5902	13155	0.73%	0.090%
8	5.505	449	454	455	rBV4	2412	2211	0.12%	0.015%
9	6.474	614	619	622	rBV3	2250	3537	0.20%	0.024%
10	7.226	737	747	753	rBV4	6127	22217	1.23%	0.152%
11	7.309	754	761	774	rBV	60964	177564	9.84%	1.215%
12	7.532	791	799	827	rVB3	42879	176228	9.77%	1.206%
13	7.972	866	874	898	rBV	95379	306549	16.99%	2.098%
14	8.331	927	935	936	rBV4	2661	5123	0.28%	0.035%
15	8.742	994	1005	1007	rBV4	22921	54656	3.03%	0.374%
16	9.077	1055	1062	1064	rBV3	5459	8284	0.46%	0.057%
17	9.142	1066	1073	1089	rVV	79800	246444	13.66%	1.687%
18	9.870	1190	1197	1213	rBV3	61161	207776	11.52%	1.422%
19	10.446	1286	1295	1307	rBV3	47565	226198	12.54%	1.548%
20	10.658	1329	1331	1333	rVB2	2804	2273	0.13%	0.016%
21	10.699	1336	1338	1341	rVB4	2482	2585	0.14%	0.018%
22	10.781	1344	1352	1371	rBV	149255	410518	22.75%	2.809%
23	10.969	1382	1384	1386	rBV4	1807	1940	0.11%	0.013%
24	12.162	1582	1587	1588	rBV3	2020	3411	0.19%	0.023%
25	12.379	1617	1624	1625	rBV3	1118	2061	0.11%	0.014%
26	12.949	1719	1721	1729	rVB5	4695	6840	0.38%	0.047%
27	13.202	1760	1764	1770	rBV4	6484	10181	0.56%	0.070%
28	14.007	1894	1901	1924	rBV	277687	663079	36.75%	4.538%
29	14.148	1924	1925	1928	rVB2	2811	2192	0.12%	0.015%
30	14.294	1942	1950	1970	rBV	380814	826077	45.78%	5.653%
31	14.600	1995	2002	2022	rBV2	320456	689083	38.19%	4.716%
32	14.941	2055	2060	2063	rBV4	6105	12879	0.71%	0.088%
33	15.270	2112	2116	2121	rVV3	6962	10564	0.59%	0.072%
34	15.381	2131	2135	2136	rBV3	1868	2303	0.13%	0.016%

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35	15.405	2136	2139	2145	rVB2	2265	4288	0.24%	0.029%
36	15.593	2164	2171	2189	rBV	563003	1103393	61.15%	7.551%
37	15.734	2189	2195	2209	rVV2	63516	168258	9.33%	1.152%
38	15.834	2209	2212	2213	rVV2	8404	9878	0.55%	0.068%
39	15.875	2217	2219	2224	rVV	2970	4018	0.22%	0.027%
40	15.963	2228	2234	2243	rVB2	8205	19206	1.06%	0.131%
41	16.404	2305	2309	2310	rBV2	2151	2264	0.13%	0.015%
42	16.468	2316	2320	2321	rBV4	2060	2182	0.12%	0.015%
43	16.639	2345	2349	2351	rVB3	2145	2200	0.12%	0.015%
44	16.756	2365	2369	2373	rVB3	2170	3165	0.18%	0.022%
45	17.138	2430	2434	2439	rVB5	2727	5174	0.29%	0.035%
46	17.350	2462	2470	2480	rBV	513118	877754	48.65%	6.007%
47	17.444	2480	2486	2501	rVB2	703763	1248278	69.18%	8.543%
48	17.614	2511	2515	2519	rBV2	4790	7656	0.42%	0.052%
49	17.767	2536	2541	2544	rVB3	1091	1856	0.10%	0.013%
50	17.867	2554	2558	2559	rBV2	1721	1853	0.10%	0.013%
51	18.002	2574	2581	2591	rVV2	105699	160986	8.92%	1.102%
52	18.172	2605	2610	2613	rBV6	2256	4296	0.24%	0.029%
53	18.296	2625	2631	2635	rBV	13333	22319	1.24%	0.153%
54	18.331	2635	2637	2641	rVB3	5127	6537	0.36%	0.045%
55	18.413	2649	2651	2655	rVB3	1463	2036	0.11%	0.014%
56	18.484	2659	2663	2667	rVV4	5561	7485	0.41%	0.051%
57	18.519	2667	2669	2673	rVB4	1942	2245	0.12%	0.015%
58	18.566	2673	2677	2678	rVB4	2843	1975	0.11%	0.014%
59	18.813	2716	2719	2723	rBV4	4231	5418	0.30%	0.037%
60	19.007	2749	2752	2755	rVB4	2252	2455	0.14%	0.017%
61	19.236	2789	2791	2794	rVB3	2128	1841	0.10%	0.013%
62	19.277	2794	2798	2801	rBV5	2033	3695	0.20%	0.025%
63	19.330	2804	2807	2809	rBV3	1732	1913	0.11%	0.013%
64	19.371	2809	2814	2818	rBV	9991	15525	0.86%	0.106%
65	19.447	2824	2827	2830	rBV5	1601	2581	0.14%	0.018%
66	19.547	2842	2844	2847	rVB4	2087	2684	0.15%	0.018%
67	19.624	2851	2857	2864	rVV3	9730	21086	1.17%	0.144%
68	19.729	2869	2875	2885	rBV	1093301	1669782	92.54%	11.428%
69	19.847	2893	2895	2897	rVB3	4315	2434	0.13%	0.017%
70	19.864	2897	2898	2900	rBV2	3070	2110	0.12%	0.014%
71	19.953	2910	2913	2916	rVV5	3040	4015	0.22%	0.027%

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72	20.017	2921	2924	2926	rBV3	2724	2795	0.15%	0.019%
73	20.252	2962	2964	2966	rBV3	2385	2171	0.12%	0.015%
74	20.352	2978	2981	2984	rBV4	2705	3609	0.20%	0.025%
75	20.534	3009	3012	3013	rBV3	3224	3642	0.20%	0.025%
76	20.716	3042	3043	3044	rBV	5765	3314	0.18%	0.023%
77	20.775	3049	3053	3054	rBV4	6017	6735	0.37%	0.046%
78	21.057	3097	3101	3106	rVB7	10419	15564	0.86%	0.107%
79	21.468	3169	3171	3174	rBV3	6132	7529	0.42%	0.052%
80	21.527	3179	3181	3182	rBV2	4695	3162	0.18%	0.022%
81	21.598	3186	3193	3202	rBV	754550	1296677	71.87%	8.874%
82	23.025	3431	3436	3444	rBV4	50323	103300	5.73%	0.707%
83	24.300	3651	3653	3656	rBV4	6662	5497	0.30%	0.038%
84	24.559	3686	3697	3711	rVB	640570	1804306	100.00%	12.348%
85	24.776	3723	3734	3747	rVB	445115	1275186	70.67%	8.727%
86	25.182	3801	3803	3804	rBV2	5610	3687	0.20%	0.025%
87	26.034	3946	3948	3951	rBV4	6689	8088	0.45%	0.055%
88	27.849	4255	4257	4259	rBV3	6059	4229	0.23%	0.029%
89	28.701	4400	4402	4403	rBV2	7018	4961	0.27%	0.034%
90	30.199	4655	4657	4659	rBV3	6207	4656	0.26%	0.032%

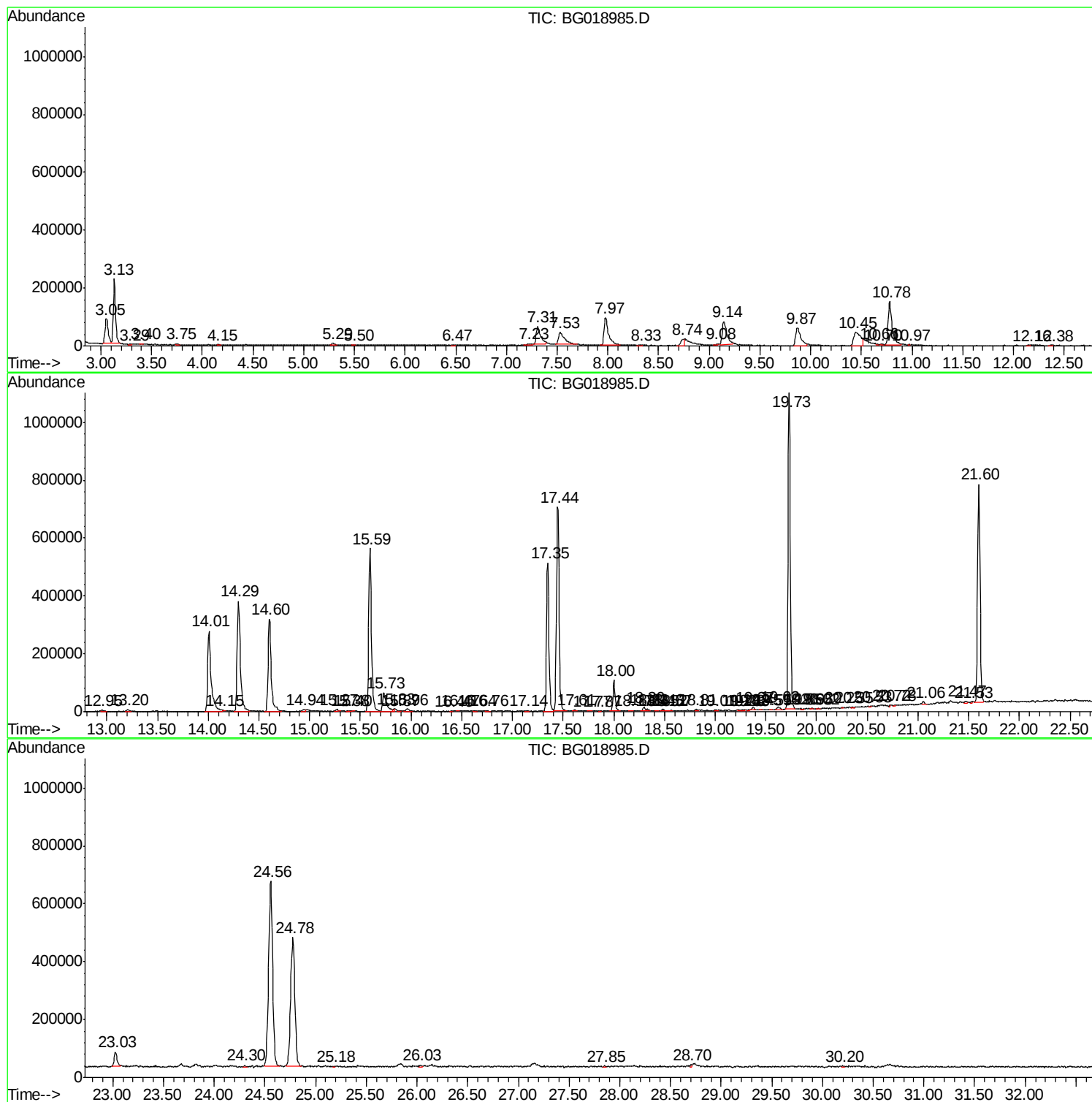
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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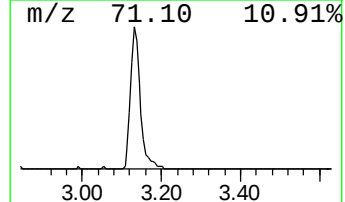
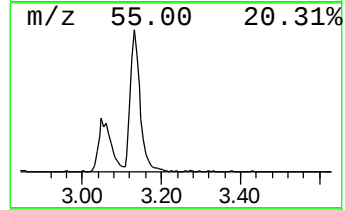
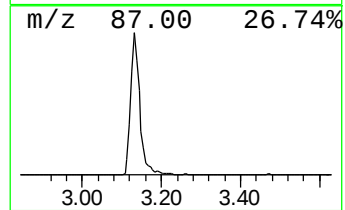
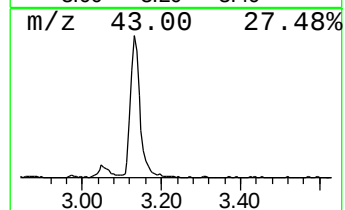
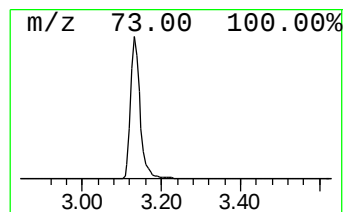
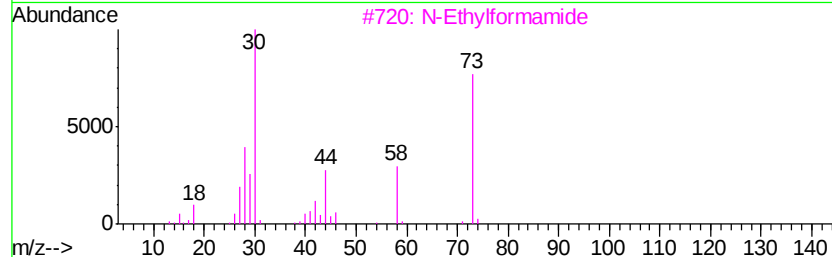
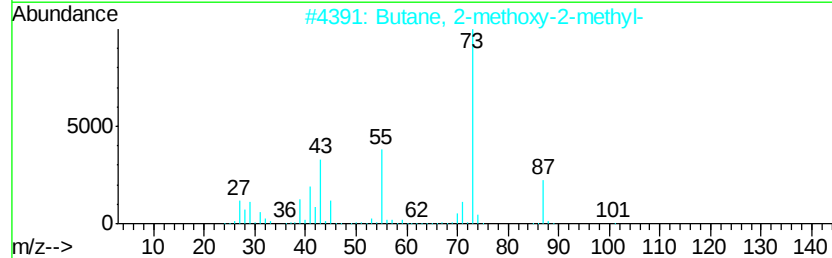
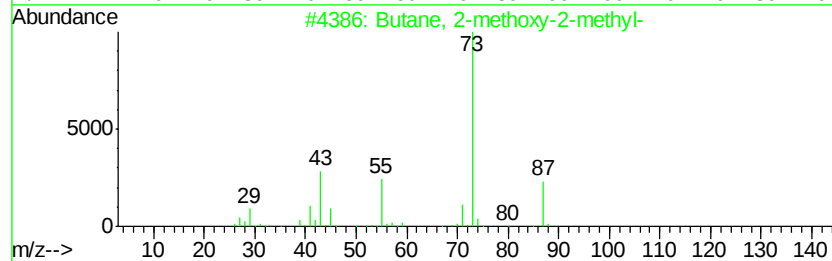
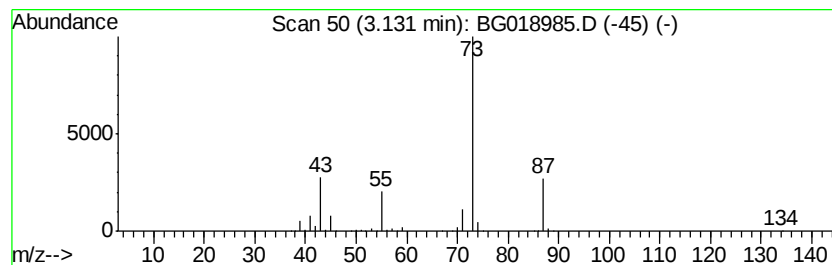
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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.
3.13	22.63 ng/ul	346798	1,4-Dichlorobenzene-d4	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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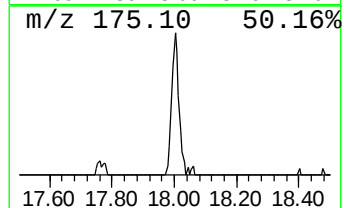
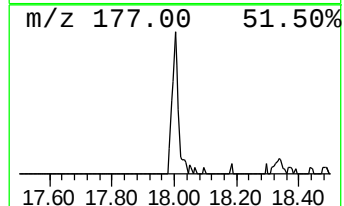
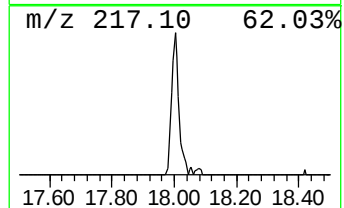
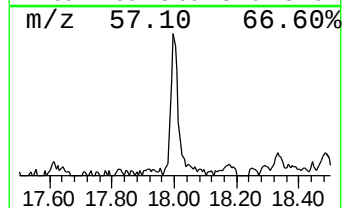
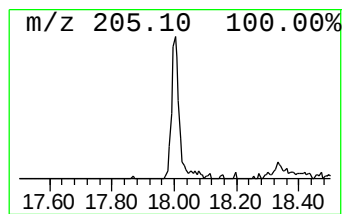
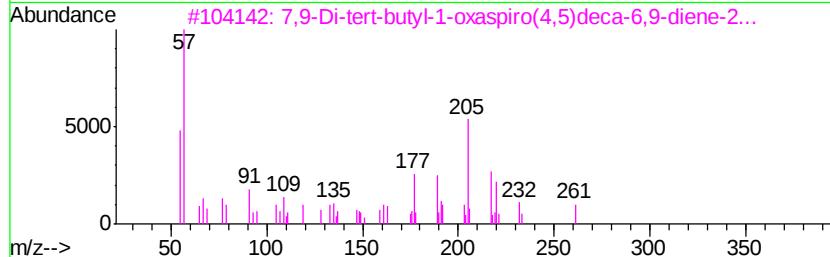
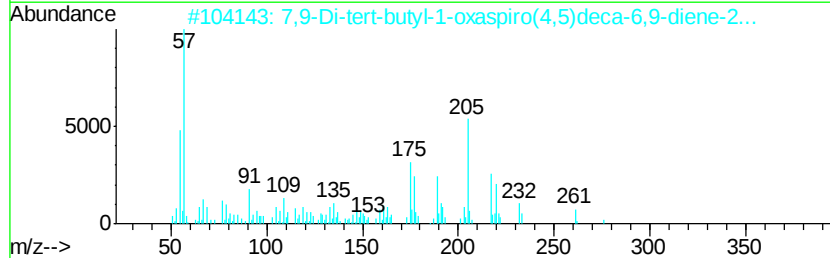
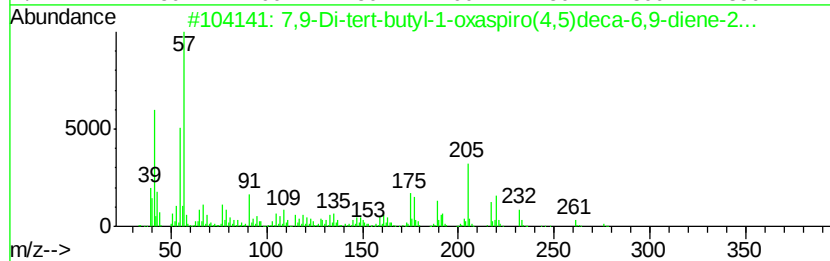
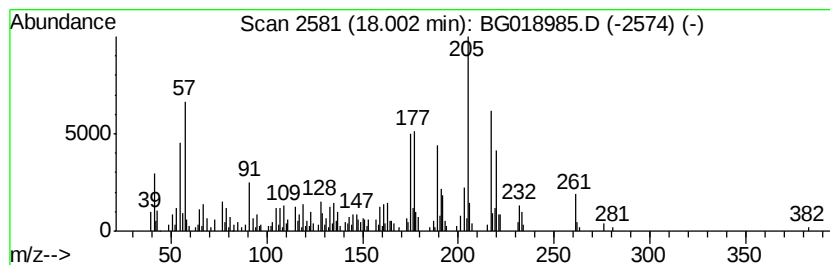
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.67 ng/ul	160986	Phenanthrene-d10	17.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
3			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	58
4			.alpha.-Cedrene oxide	220	C15H24O	1000159-39-1	50
5			3-Acetylphenanthrene	220	C16H12O	002039-76-1	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	22.6	ng/ul	346798	1	7.98	306549	20.0
7,9-Di-tert-butyl...	18.00	3.7	ng/ul	160986	4	17.35	877754	20.0