

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071315\
 Data File : BG017851.D
 Acq On : 14 Jul 2015 9:10
 Operator : TP/UM
 Sample : G2938-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X5

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-BG070915.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	2.869	26	31	46	rVB	950949	1460405	76.42%	7.138%
2	6.764	689	694	701	rVB2	114720	186492	9.76%	0.912%
3	6.935	717	723	733	rVB	294629	465664	24.37%	2.276%
4	7.123	749	755	766	rVB	321237	503778	26.36%	2.462%
5	7.587	828	834	840	rBV	303046	482965	25.27%	2.361%
6	7.657	841	846	854	rVB4	20766	35015	1.83%	0.171%
7	8.198	932	938	940	rBV7	4581	7484	0.39%	0.037%
8	8.298	948	955	964	rBV2	268829	431187	22.56%	2.108%
9	8.404	968	973	980	rBV	21714	36087	1.89%	0.176%
10	8.686	1015	1021	1024	rBV3	23522	40252	2.11%	0.197%
11	8.739	1024	1030	1036	rVV	342824	556261	29.11%	2.719%
12	8.897	1053	1057	1058	rBV2	2467	3301	0.17%	0.016%
13	8.909	1058	1059	1064	rVB3	4702	5559	0.29%	0.027%
14	9.373	1135	1138	1143	rBV4	2774	5206	0.27%	0.025%
15	9.455	1143	1152	1160	rVV	256870	422794	22.12%	2.067%
16	9.508	1160	1161	1164	rVV3	4483	4145	0.22%	0.020%
17	9.831	1214	1216	1221	rVB2	2437	3709	0.19%	0.018%
18	9.990	1237	1243	1253	rBV	380019	623575	32.63%	3.048%
19	10.160	1268	1272	1274	rBV4	3604	5004	0.26%	0.024%
20	10.284	1288	1293	1299	rVV2	15549	28354	1.48%	0.139%
21	10.366	1300	1307	1314	rVV	420059	693501	36.29%	3.390%
22	10.431	1314	1318	1324	rVB7	6062	10599	0.55%	0.052%
23	10.525	1331	1334	1337	rBV3	2429	3594	0.19%	0.018%
24	11.012	1413	1417	1423	rVV2	11916	21063	1.10%	0.103%
25	11.053	1423	1424	1431	rVB4	2806	4042	0.21%	0.020%
26	11.635	1521	1523	1525	rBV2	2595	3233	0.17%	0.016%
27	11.665	1525	1528	1536	rVB5	7232	10815	0.57%	0.053%
28	11.882	1560	1565	1566	rBV4	2326	3171	0.17%	0.015%
29	12.587	1683	1685	1692	rVV4	7287	11644	0.61%	0.057%
30	12.693	1700	1703	1706	rVB6	3140	3337	0.17%	0.016%
31	12.845	1725	1729	1734	rBV3	15127	20403	1.07%	0.100%
32	13.163	1777	1783	1788	rBV2	36263	55939	2.93%	0.273%
33	13.480	1833	1837	1842	rVB2	11606	15655	0.82%	0.077%
34	13.662	1862	1868	1875	rBV	743679	1006641	52.67%	4.920%

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35	13.932	1905	1914	1922	rBV	831556	1230983	64.41%	6.017%
36	14.244	1960	1967	1977	rBV2	596378	893567	46.76%	4.368%
37	14.332	1980	1982	1986	rVB4	6803	8733	0.46%	0.043%
38	14.450	1997	2002	2010	rBV	82951	133423	6.98%	0.652%
39	14.567	2018	2022	2023	rBV3	2765	3035	0.16%	0.015%
40	14.855	2068	2071	2078	rVB6	3077	4807	0.25%	0.023%
41	14.925	2078	2083	2090	rBV4	7295	12434	0.65%	0.061%
42	15.084	2103	2110	2114	rVB5	6313	13158	0.69%	0.064%
43	15.243	2130	2137	2144	rVV	1094145	1505748	78.79%	7.360%
44	15.366	2152	2158	2166	rBV	280331	367392	19.22%	1.796%
45	15.484	2175	2178	2184	rVB5	5293	6860	0.36%	0.034%
46	15.613	2196	2200	2204	rBV5	9167	13294	0.70%	0.065%
47	16.606	2366	2369	2373	rBV4	2994	3309	0.17%	0.016%
48	16.782	2394	2399	2403	rVB	4435	5953	0.31%	0.029%
49	16.947	2422	2427	2429	rBV4	1876	3518	0.18%	0.017%
50	16.999	2429	2436	2446	rVV	738500	1027163	53.75%	5.021%
51	17.093	2446	2452	2462	rVV2	1171549	1650050	86.34%	8.065%
52	17.305	2484	2488	2491	rVB4	3047	3929	0.21%	0.019%
53	17.681	2547	2552	2559	rVB2	94044	120127	6.29%	0.587%
54	17.910	2588	2591	2597	rVV4	6789	10240	0.54%	0.050%
55	17.981	2601	2603	2604	rVV2	3658	3614	0.19%	0.018%
56	17.998	2604	2606	2609	rVB4	7318	7983	0.42%	0.039%
57	19.203	2810	2811	2817	rVV5	4511	7392	0.39%	0.036%
58	19.291	2820	2826	2830	rVB3	9637	14552	0.76%	0.071%
59	19.356	2834	2837	2838	rBV2	3585	3544	0.19%	0.017%
60	19.403	2838	2845	2851	rVV	1459865	1911052	100.00%	9.341%
61	19.444	2851	2852	2856	rVB3	4659	3415	0.18%	0.017%
62	19.649	2882	2887	2890	rBV5	2924	4387	0.23%	0.021%
63	20.014	2946	2949	2951	rVB4	4206	3541	0.19%	0.017%
64	20.237	2984	2987	2991	rVV4	4269	5671	0.30%	0.028%
65	20.407	3012	3016	3018	rBV5	3816	4059	0.21%	0.020%
66	20.936	3103	3106	3110	rBV6	2222	4017	0.21%	0.020%
67	20.995	3113	3116	3121	rVB6	10864	14778	0.77%	0.072%
68	21.065	3125	3128	3129	rBV3	3686	3972	0.21%	0.019%
69	21.118	3135	3137	3138	rBV2	3456	3473	0.18%	0.017%
70	21.200	3144	3151	3161	rBV	932318	1196862	62.63%	5.850%
71	21.312	3168	3170	3173	rVB4	4361	3721	0.19%	0.018%

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72	21.435	3189	3191	3193	rBV3	2915	3026	0.16%	0.015%
73	22.029	3290	3292	3295	rBV4	4504	4411	0.23%	0.022%
74	22.182	3314	3318	3319	rBV4	4154	4233	0.22%	0.021%
75	22.246	3324	3329	3336	rBV6	40052	69684	3.65%	0.341%
76	22.681	3401	3403	3408	rVB6	8411	9475	0.50%	0.046%
77	22.757	3414	3416	3419	rBV3	4639	6116	0.32%	0.030%
78	22.916	3440	3443	3448	rBV5	8412	9686	0.51%	0.047%
79	23.274	3496	3504	3519	rBV	939392	1762376	92.22%	8.614%
80	23.415	3521	3528	3537	rVV	602373	1116353	58.42%	5.457%
81	23.562	3551	3553	3557	rBV5	4677	5500	0.29%	0.027%
82	23.592	3557	3558	3562	rVB4	5444	4607	0.24%	0.023%
83	23.744	3582	3584	3588	rBV5	5034	4305	0.23%	0.021%
84	24.379	3690	3692	3693	rBV2	4339	3676	0.19%	0.018%
85	24.714	3745	3749	3750	rBV3	4832	6261	0.33%	0.031%
86	25.325	3851	3853	3855	rBV3	4297	3893	0.20%	0.019%
87	25.448	3872	3874	3876	rVB3	4668	3410	0.18%	0.017%
88	25.495	3880	3882	3886	rBV4	3830	5193	0.27%	0.025%
89	25.642	3905	3907	3910	rBV3	4708	3354	0.18%	0.016%
90	26.359	4027	4029	4030	rBV2	4104	3033	0.16%	0.015%
91	27.005	4138	4139	4142	rBV3	3553	3979	0.21%	0.019%
92	27.452	4214	4215	4218	rBV3	5924	5252	0.27%	0.026%
93	27.675	4251	4253	4255	rBV3	3535	3181	0.17%	0.016%
94	27.734	4261	4263	4264	rBV	4691	3186	0.17%	0.016%
95	27.799	4272	4274	4278	rBV5	3400	4354	0.23%	0.021%
96	27.828	4278	4279	4281	rBV2	5413	4216	0.22%	0.021%
97	27.863	4284	4285	4291	rBV6	5005	8676	0.45%	0.042%
98	28.533	4398	4399	4404	rBV4	4271	4506	0.24%	0.022%
99	28.997	4474	4478	4479	rBV4	5356	5087	0.27%	0.025%
100	29.262	4521	4523	4524	rBV2	3864	3129	0.16%	0.015%

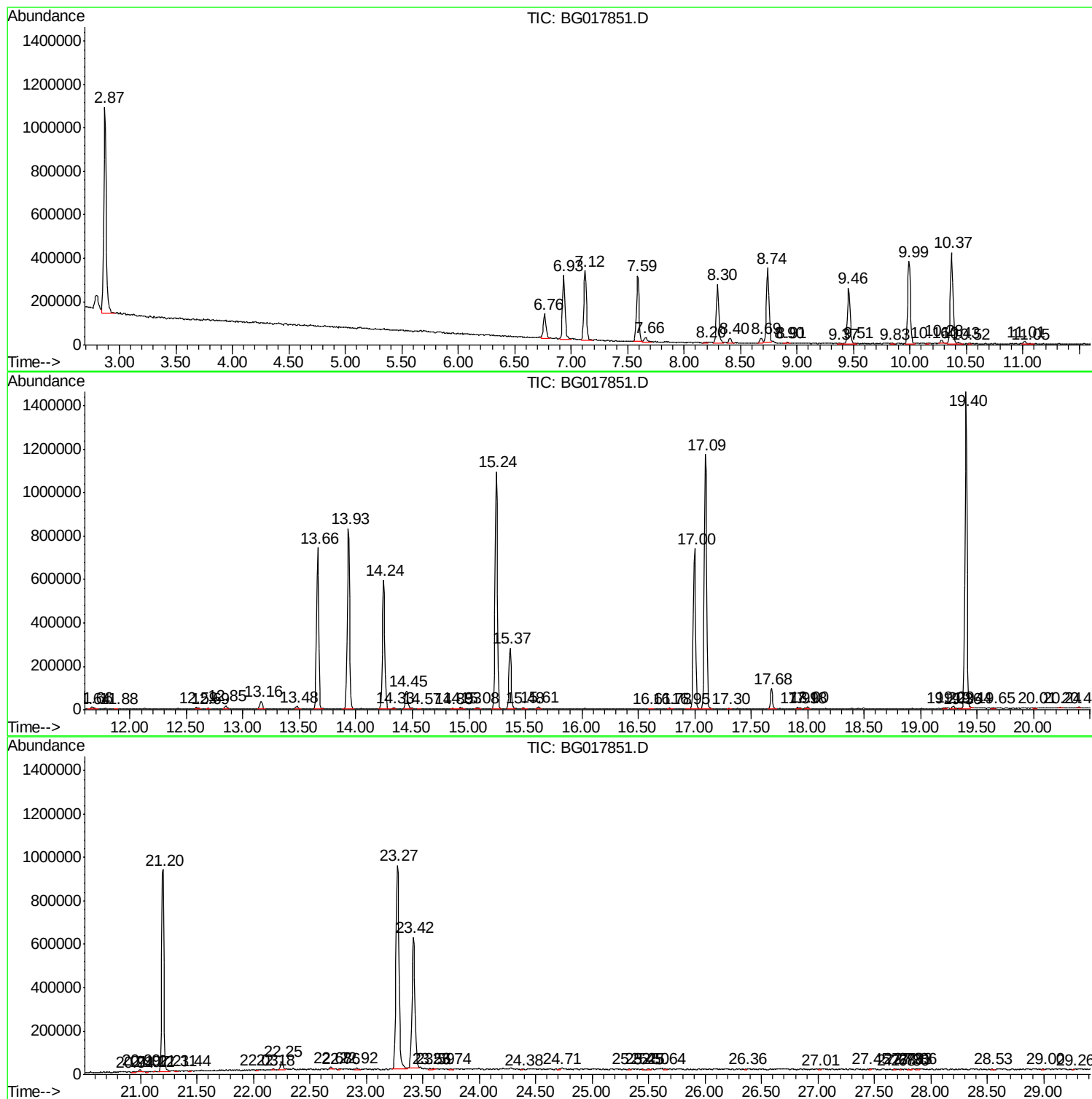
Sum of corrected areas: 20458788

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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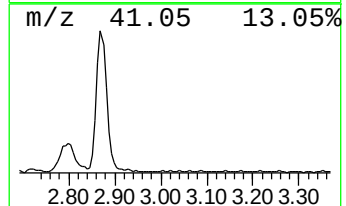
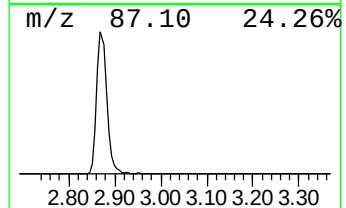
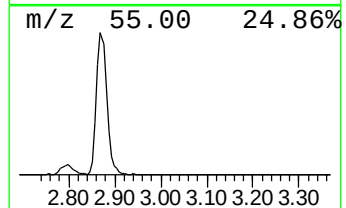
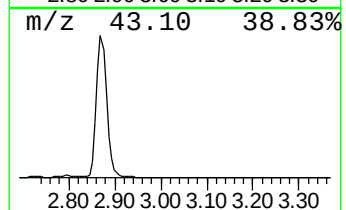
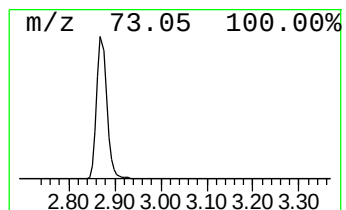
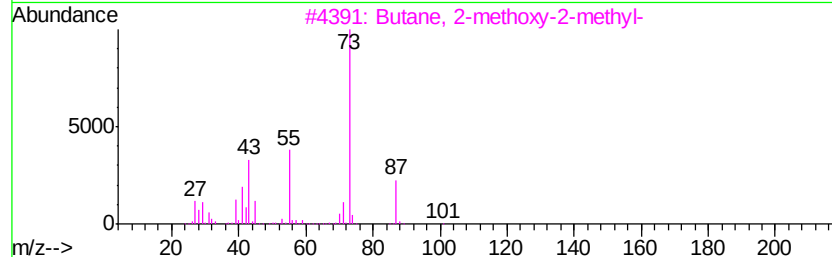
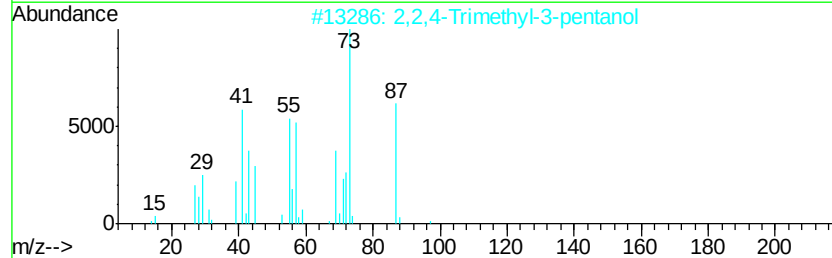
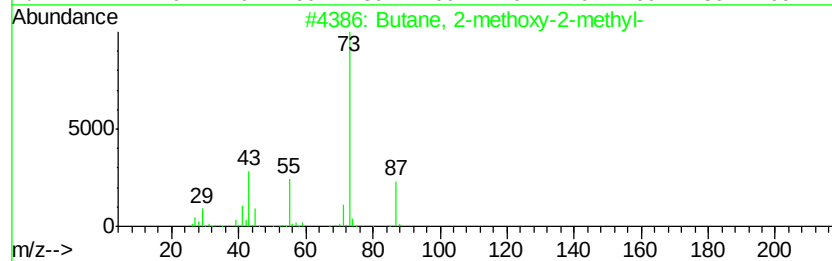
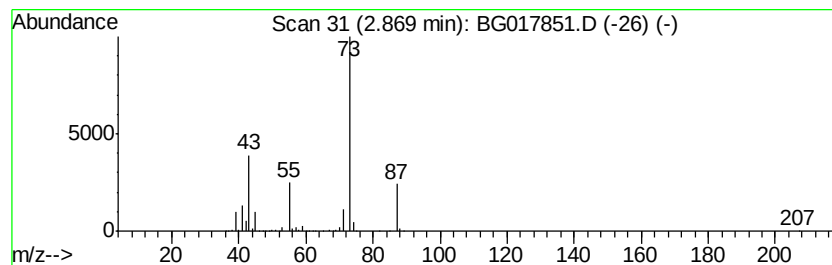
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	60.48 ng/ul	1460410	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35



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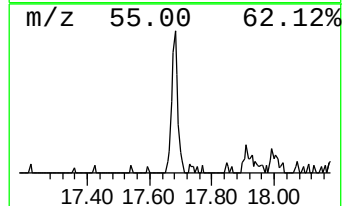
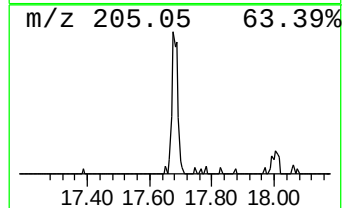
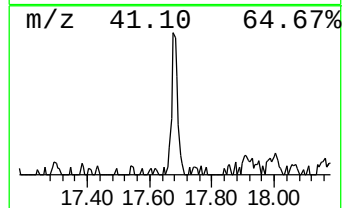
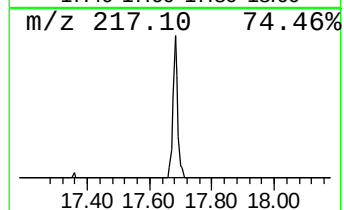
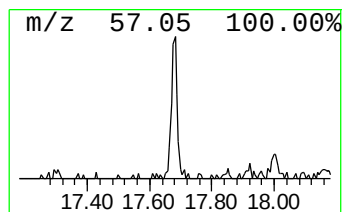
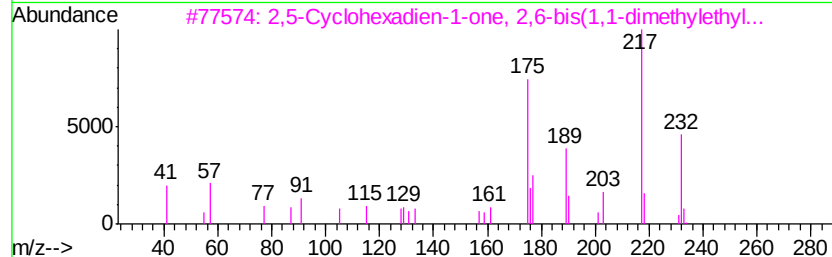
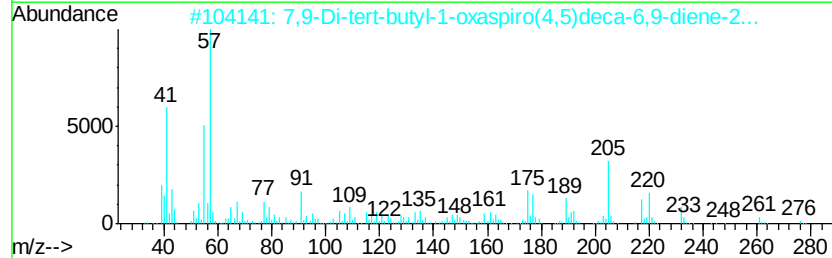
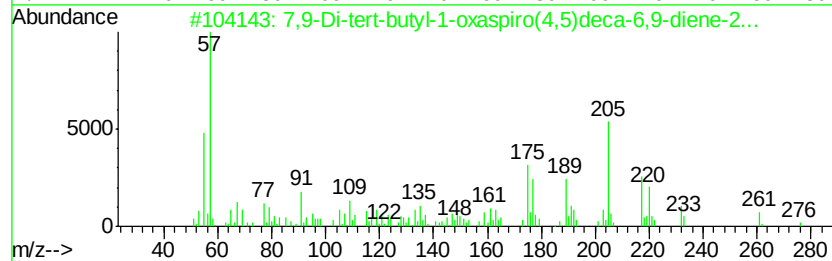
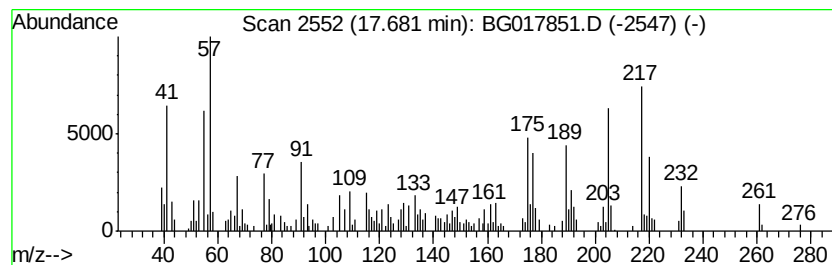
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.68	2.34 ng/ul	120127	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	92
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	87
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	45
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	60.5	ng/ul	1460410	1	7.59	482965	20.0
7,9-Di-tert-butyl...	17.68	2.3	ng/ul	120127	4	17.00	1027160	20.0