LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028389.D
Acq On : 21 Aug 2017 14:02
Operator : SJ/JU
Sample : I4831-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AE0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.819	34	39	48	rBV6	9208	16693	1.60%	0.178%
2	4.154	94	96	102	rVB5	1857	2969	0.28%	0.032%
3	4.630	176	177	182	rBV3	2187	2574	0.25%	0.027%
4	4.730	193	194	198	rVB3	2554	2917	0.28%	0.031%
5	4.859	213	216	221	rVB7	1669	2931	0.28%	0.031%
6	5.047	246	248	252	rBV2	2585	3024	0.29%	0.032%
7	5.447	310	316	330	rBV	76095	129784	12.42%	1.384%
8	5.659	348	352	356	rVB4	1721	2762	0.26%	0.029%
9	5.700	356	359	363	rBV3	2771	3224	0.31%	0.034%
10	6.170	436	439	446	rVB3	2395	4017	0.38%	0.043%
11	6.246	449	452	455	rBV2	2280	2815	0.27%	0.030%
12	6.275	455	457	462	rBV2	2582	2605	0.25%	0.028%
13	6.446	481	486	489	rVB4	2912	5091	0.49%	0.054%
14	6.475	489	491	494	rBV	2549	2577	0.25%	0.027%
15	7.086	592	595	597	rBV3	1961	2637	0.25%	0.028%
16	7.498	658	665	677	rBV2	24533	53701	5.14%	0.573%
17	7.656	684	692	702	rBV	76400	133285	12.75%	1.421%
18	7.874	722	729	741	rBV2	88737	167513	16.03%	1.786%
19	8.208	779	786	789	rBV2	1845	3154	0.30%	0.034%
20	8.344	802	809	813	rBV	85532	157540	15.07%	1.680%
21	8.532	837	841	847	rVB3	1904	3976	0.38%	0.042%
22	8.843	891	894	900	rVB2	1929	4064	0.39%	0.043%
23	8.908	900	905	908	rBV3	2795	4496	0.43%	0.048%
24	9.043	919	928	937	rBV	70354	140716	13.46%	1.500%
25	9.172	944	950	957	rBV3	5127	7314	0.70%	0.078%
26	9.337	974	978	980	rVB	2624	3658	0.35%	0.039%
27	9.384	980	986	988	rBV2	2481	5032	0.48%	0.054%
28	9.436	988	995	999	rBV3	4768	10263	0.98%	0.109%
29	9.507	1000	1007	1021	rVB2	101165	196414	18.79%	2.094%
30	9.754	1045	1049	1053	rBV3	1425	2567	0.25%	0.027%
31	10.236	1123	1131	1141	rVB2	92773	175771	16.82%	1.874%
32	10.653	1198	1202	1206	rBV3	1656	3407	0.33%	0.036%
33	10.782	1216	1224	1240	rBV	127751	267493	25.59%	2.852%
34	11.158	1280	1288	1301	rVB	120520	226936	21.71%	2.420%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	11.311	1304	1314	1324	rBV6	5154	14595	1.40%	0.156%
36	11.469	1340	1341	1347	rBV2	1892	3006	0.29%	0.032%
37	11.769	1383	1392	1394	rVB3	1928	3497	0.33%	0.037%
38	11.822	1396	1401	1409	rVB3	2210	4157	0.40%	0.044%
39	12.186	1458	1463	1466	rBV2	1653	2658	0.25%	0.028%
40	12.521	1514	1520	1523	rBV	2145	2647	0.25%	0.028%
41	12.597	1530	1533	1538	rVB2	1716	2642	0.25%	0.028%
42	12.668	1538	1545	1549	rBV2	3691	8380	0.80%	0.089%
43	12.727	1551	1555	1558	rVB2	2465	2793	0.27%	0.030%
44	12.797	1565	1567	1572	rBV3	1784	2822	0.27%	0.030%
45	13.256	1639	1645	1649	rVB2	1332	2644	0.25%	0.028%
46	13.297	1649	1652	1657	rBV6	3556	6650	0.64%	0.071%
47	13.538	1687	1693	1699	rVV5	6448	12453	1.19%	0.133%
48	13.814	1732	1740	1747	rVV3	16899	29355	2.81%	0.313%
49	14.102	1788	1789	1796	rVB	1660	2708	0.26%	0.029%
50	14.178	1796	1802	1806	rBV	1824	2918	0.28%	0.031%
51	14.337	1822	1829	1838	rBV	329906	487840	46.68%	5.202%
52	14.560	1865	1867	1872	rVB3	2042	3338	0.32%	0.036%
53	14.648	1872	1882	1891	rBV	312875	509611	48.76%	5.434%
54	14.948	1925	1933	1945	rVB2	211806	367020	35.12%	3.913%
55	15.177	1961	1972	1989	rBV6	16012	49060	4.69%	0.523%
56	15.424	2012	2014	2018	rVB2	2641	2755	0.26%	0.029%
57	15.476	2018	2023	2027	rBV2	2080	4498	0.43%	0.048%
58	15.711	2058	2063	2064	rBV2	2587	2664	0.25%	0.028%
59	15.735	2064	2067	2074	rVB5	4264	5913	0.57%	0.063%
60	15.941	2093	2102	2109	rBV	432648	701094	67.08%	7.475%
61	16.052	2114	2121	2135	rBV	151592	262426	25.11%	2.798%
62	16.181	2138	2143	2147	rVB4	5011	8702	0.83%	0.093%
63	16.228	2147	2151	2155	rBV2	1831	2921	0.28%	0.031%
64	16.293	2157	2162	2170	rBV6	3350	7476	0.72%	0.080%
65	16.746	2235	2239	2245	rBV2	1592	3400	0.33%	0.036%
66	16.963	2274	2276	2282	rVB2	1489	2709	0.26%	0.029%
67	17.198	2314	2316	2324	rBV3	2081	3664	0.35%	0.039%
68	17.286	2324	2331	2334	rBV3	1903	3678	0.35%	0.039%
69	17.421	2349	2354	2357	rBV3	2576	3304	0.32%	0.035%
70	17.451	2357	2359	2364	rVV3	2062	2901	0.28%	0.031%
71	17.509	2364	2369	2371	rVB3	1967	2631	0.25%	0.028%

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Title : SVOA CALIBRATION

72	17.574	2377	2380	2385	rBV3	2775	3812	0.36%	0.041%
73	17.621	2385	2388	2393	rVV3	2430	3276	0.31%	0.035%
74	17.697	2393	2401	2411	rVV	358579	550085	52.63%	5.865%
75	17.797	2411	2418	2431	rVB	565168	878635	84.07%	9.369%
76	17.950	2440	2444	2448	rVB5	2858	3328	0.32%	0.035%
77	18.261	2490	2497	2499	rVB3	2086	3600	0.34%	0.038%
78	18.338	2504	2510	2516	rBV2	66118	88670	8.48%	0.945%
79	18.438	2524	2527	2532	rBV3	3926	6118	0.59%	0.065%
80	18.549	2544	2546	2553	rBV6	1831	4103	0.39%	0.044%
81	18.626	2556	2559	2564	rVV2	5112	5916	0.57%	0.063%
82	18.684	2564	2569	2570	rVB4	4014	5654	0.54%	0.060%
83	18.743	2577	2579	2584	rBV2	2204	3301	0.32%	0.035%
84	18.814	2587	2591	2593	rVB3	3134	3459	0.33%	0.037%
85	18.837	2593	2595	2598	rVB2	2788	2617	0.25%	0.028%
86	19.072	2634	2635	2639	rBV3	2310	2701	0.26%	0.029%
87	19.237	2660	2663	2668	rBV3	2418	3566	0.34%	0.038%
88	19.301	2672	2674	2678	rVB3	4232	4567	0.44%	0.049%
89	19.389	2686	2689	2694	rBV4	2007	3893	0.37%	0.042%
90	19.431	2694	2696	2702	rVB4	3965	4265	0.41%	0.045%
91	19.507	2705	2709	2716	rVB6	4195	6195	0.59%	0.066%
92	19.619	2726	2728	2731	rVB3	2841	3072	0.29%	0.033%
93	19.713	2739	2744	2748	rBV6	7459	13698	1.31%	0.146%
94	19.965	2783	2787	2790	rVB3	6935	7750	0.74%	0.083%
95	20.071	2798	2805	2816	rVB	707382	1045157	100.00%	11.144%
96	22.028	3131	3138	3148	rBV	363081	666989	63.82%	7.112%
97	23.573	3396	3401	3412	rVB	16862	44432	4.25%	0.474%
98	25.283	3681	3692	3705	rBV3	321656	980046	93.77%	10.450%
99	25.523	3719	3733	3747	rVB	205652	676680	64.74%	7.215%
100	29.930	4479	4483	4499	rVB	16187	57527	5.50%	0.613%

Sum of corrected areas: 9378562

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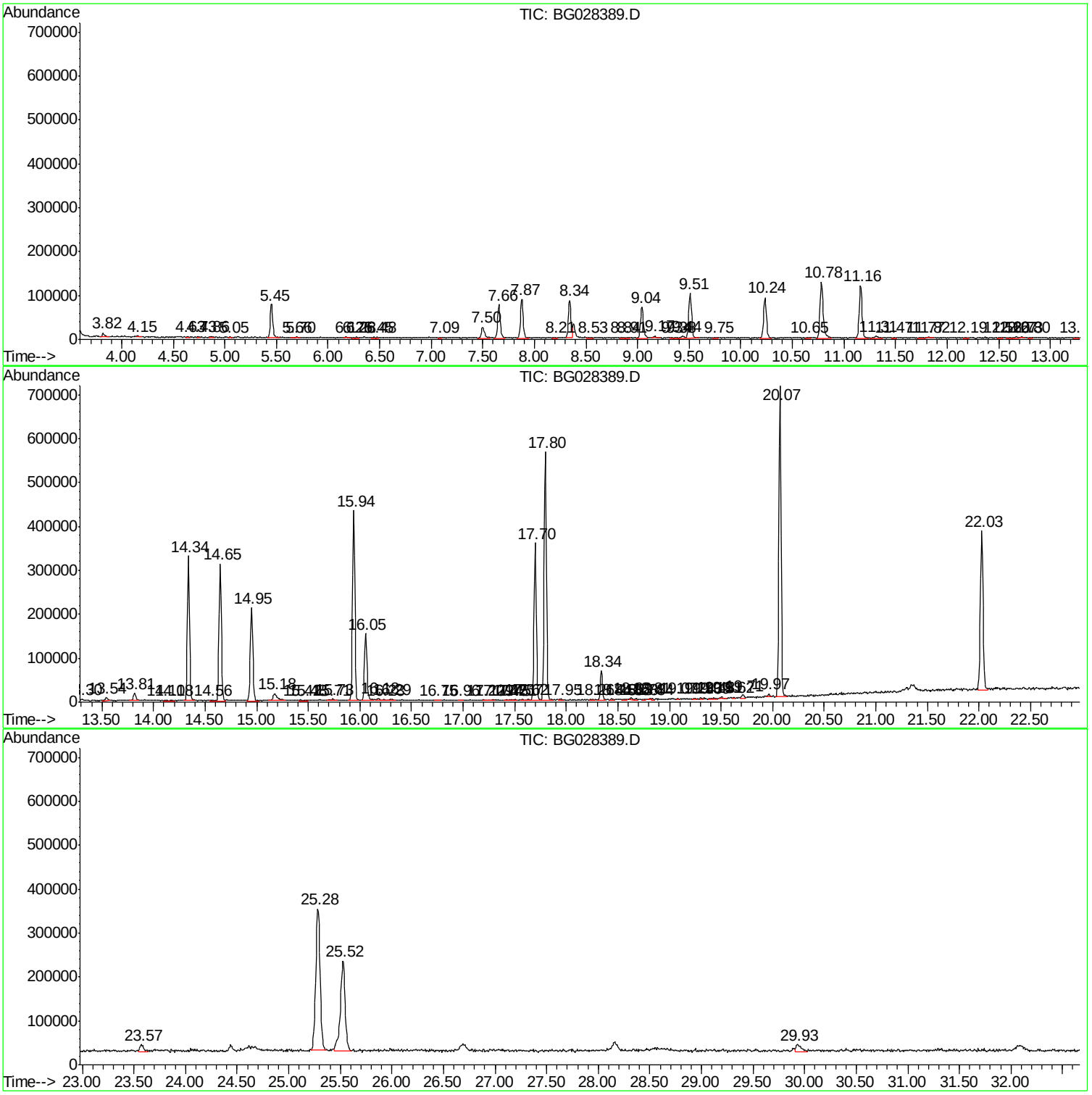
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

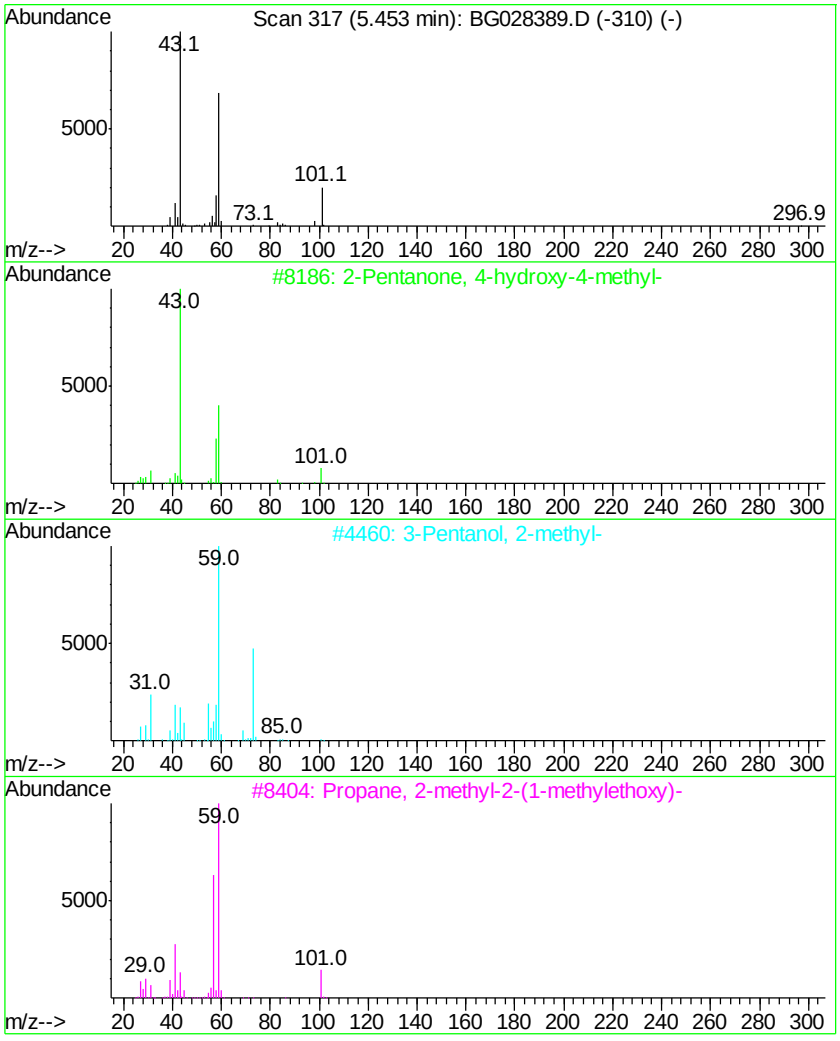
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

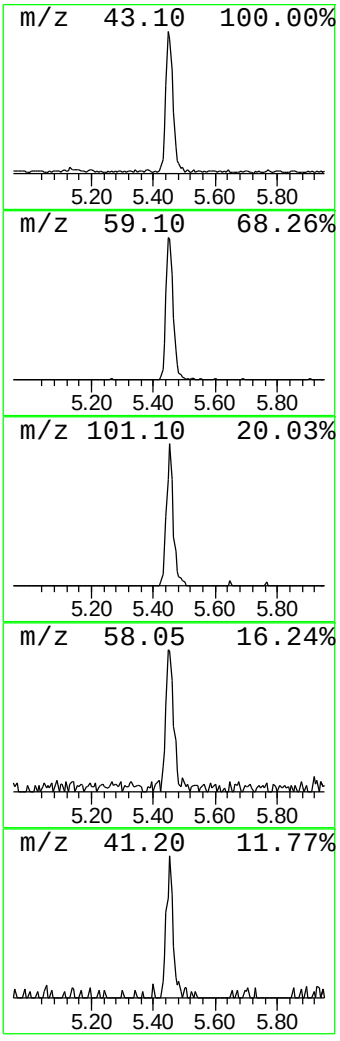
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	16.48 ng/ul	129784	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37





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Quant Title : SVOA CALIBRATION

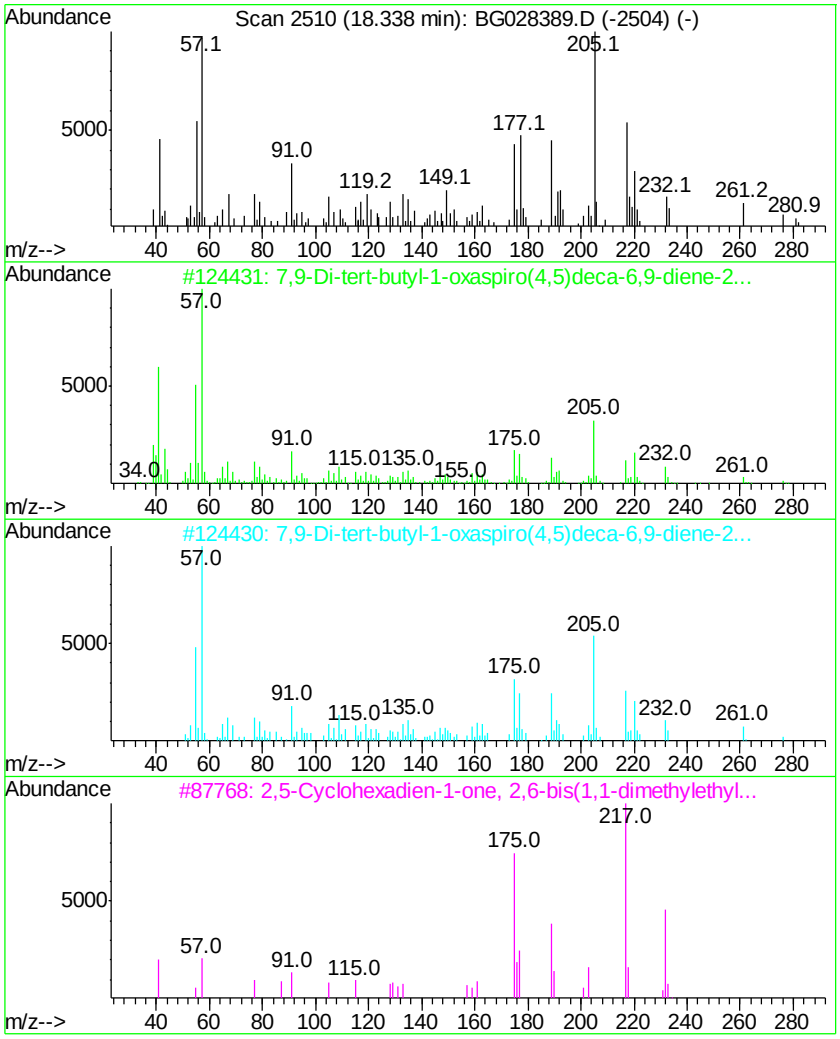
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

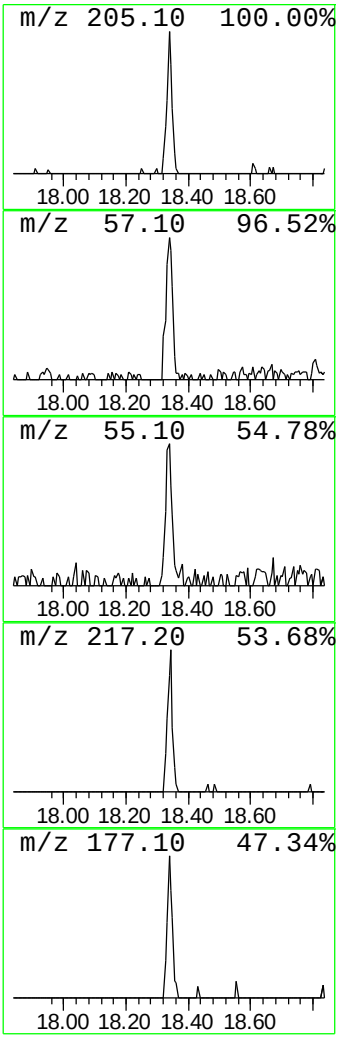
****

Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.22 ng/ul	88670	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	68
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	38
4	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	38
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.45	16.5	ng/ul	129784	1	8.34	157540	20.0
7,9-Di-tert-butyl...	18.34	3.2	ng/ul	88670	4	17.70	550085	20.0