

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028390.D
 Acq On : 21 Aug 2017 14:41
 Operator : SJ/JU
 Sample : I4831-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AH3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 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	3.824	35	40	45	rVB4	10424	16943	1.25%	0.141%
2	3.877	48	49	55	rVB5	2876	4437	0.33%	0.037%
3	3.994	66	69	72	rBV3	2077	3034	0.22%	0.025%
4	4.341	122	128	129	rVB4	2077	2769	0.20%	0.023%
5	4.505	154	156	163	rVV4	1711	2732	0.20%	0.023%
6	4.899	216	223	230	rBV4	4175	9647	0.71%	0.080%
7	5.457	314	318	323	rVV4	3395	6826	0.50%	0.057%
8	6.021	412	414	417	rVB	3024	2824	0.21%	0.023%
9	6.538	499	502	508	rVB4	1925	3295	0.24%	0.027%
10	6.726	532	534	541	rVB3	1857	3546	0.26%	0.029%
11	6.891	554	562	563	rBV4	1409	2794	0.21%	0.023%
12	6.955	570	573	578	rBV2	2384	3164	0.23%	0.026%
13	7.490	655	664	673	rVB4	23341	49673	3.66%	0.412%
14	7.654	685	692	705	rVB	89621	160187	11.80%	1.329%
15	7.872	723	729	738	rBV2	91367	173893	12.81%	1.443%
16	8.083	760	765	768	rBV2	2178	2747	0.20%	0.023%
17	8.342	801	809	813	rBV2	110357	201972	14.88%	1.676%
18	8.606	851	854	858	rVB2	2203	3162	0.23%	0.026%
19	8.830	887	892	896	rVB2	1351	2591	0.19%	0.021%
20	9.041	918	928	937	rBV	75707	148148	10.92%	1.229%
21	9.170	942	950	957	rVB6	3743	9964	0.73%	0.083%
22	9.441	987	996	1001	rBV5	5485	12427	0.92%	0.103%
23	9.505	1001	1007	1021	rVV	126221	252682	18.62%	2.096%
24	9.646	1028	1031	1036	rBV3	1419	2619	0.19%	0.022%
25	9.811	1056	1059	1066	rVB2	1699	3223	0.24%	0.027%
26	10.075	1096	1104	1107	rVB2	1202	3009	0.22%	0.025%
27	10.146	1107	1116	1118	rVB3	1857	4078	0.30%	0.034%
28	10.234	1118	1131	1141	rBV2	116797	227975	16.80%	1.891%
29	10.780	1215	1224	1245	rVB2	150639	314000	23.14%	2.605%
30	10.962	1254	1255	1259	rBV2	2050	3050	0.22%	0.025%
31	11.162	1278	1289	1301	rVB2	169558	326728	24.08%	2.711%
32	11.609	1363	1365	1372	rVB2	1920	3653	0.27%	0.030%
33	11.832	1398	1403	1405	rVB2	2063	3313	0.24%	0.027%
34	12.349	1487	1491	1495	rBV2	2251	2908	0.21%	0.024%

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35	12.402	1495	1500	1506	rBV	2067	3322	0.24%	0.028%
36	12.619	1534	1537	1541	rBV	1756	2807	0.21%	0.023%
37	12.654	1541	1543	1548	rVB3	2301	2665	0.20%	0.022%
38	12.719	1548	1554	1562	rBV4	2852	8910	0.66%	0.074%
39	13.031	1601	1607	1611	rBV2	2028	3147	0.23%	0.026%
40	13.301	1647	1653	1660	rBV5	4997	10113	0.75%	0.084%
41	13.448	1676	1678	1684	rVB2	1708	2974	0.22%	0.025%
42	13.542	1688	1694	1706	rVB7	8931	22558	1.66%	0.187%
43	13.683	1715	1718	1723	rVB3	1734	2931	0.22%	0.024%
44	13.812	1732	1740	1746	rBV2	16663	26511	1.95%	0.220%
45	13.877	1748	1751	1757	rVB2	2893	5030	0.37%	0.042%
46	14.341	1819	1830	1843	rBV	444160	663792	48.92%	5.507%
47	14.646	1875	1882	1892	rBV	405748	662832	48.85%	5.499%
48	14.952	1923	1934	1942	rBV2	317529	528565	38.95%	4.385%
49	15.005	1942	1943	1950	rVB3	3225	3201	0.24%	0.027%
50	15.163	1964	1970	1984	rVB4	17745	48692	3.59%	0.404%
51	15.263	1984	1987	1988	rBV2	2216	2627	0.19%	0.022%
52	15.516	2023	2030	2033	rBV4	3589	6150	0.45%	0.051%
53	15.539	2033	2034	2039	rBV2	2117	2693	0.20%	0.022%
54	15.598	2042	2044	2050	rBV6	3140	6836	0.50%	0.057%
55	15.710	2060	2063	2065	rVV2	2468	3134	0.23%	0.026%
56	15.739	2065	2068	2073	rVV2	5064	6110	0.45%	0.051%
57	15.939	2095	2102	2114	rVB	596296	922708	68.00%	7.655%
58	16.056	2114	2122	2136	rBV	206091	350441	25.83%	2.907%
59	16.180	2139	2143	2149	rVB4	6380	9455	0.70%	0.078%
60	16.291	2157	2162	2170	rVB5	5844	12018	0.89%	0.100%
61	16.603	2213	2215	2222	rBV3	2247	3779	0.28%	0.031%
62	16.662	2222	2225	2232	rVV3	2238	4002	0.29%	0.033%
63	16.779	2242	2245	2247	rVB	2204	2599	0.19%	0.022%
64	16.803	2247	2249	2252	rBV2	2626	3298	0.24%	0.027%
65	17.026	2284	2287	2292	rBV2	2175	3704	0.27%	0.031%
66	17.085	2296	2297	2306	rVB3	1995	4586	0.34%	0.038%
67	17.196	2311	2316	2317	rVB2	2282	2879	0.21%	0.024%
68	17.267	2324	2328	2334	rVB3	2316	4561	0.34%	0.038%
69	17.355	2339	2343	2347	rVB2	2663	3120	0.23%	0.026%
70	17.490	2363	2366	2371	rVB3	3176	5524	0.41%	0.046%
71	17.613	2385	2387	2391	rBV3	2359	2712	0.20%	0.022%

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72	17.702	2395	2402	2410	rBV	436590	712624	52.52%	5.912%
73	17.796	2410	2418	2428	rVV	710968	1136191	83.73%	9.426%
74	17.954	2439	2445	2448	rVB5	3709	6085	0.45%	0.050%
75	18.230	2486	2492	2495	rBV3	2237	4918	0.36%	0.041%
76	18.277	2495	2500	2502	rVV2	2460	3534	0.26%	0.029%
77	18.336	2502	2510	2521	rVB2	92009	133184	9.81%	1.105%
78	18.430	2521	2526	2530	rBV3	2651	4585	0.34%	0.038%
79	18.571	2544	2550	2552	rBV3	3856	5477	0.40%	0.045%
80	18.630	2555	2560	2564	rVB3	5602	9472	0.70%	0.079%
81	18.677	2564	2568	2571	rBV3	2714	4121	0.30%	0.034%
82	18.818	2587	2592	2595	rBV4	3230	5927	0.44%	0.049%
83	19.076	2633	2636	2643	rVB7	2608	4481	0.33%	0.037%
84	19.194	2654	2656	2662	rVB3	2190	3341	0.25%	0.028%
85	19.253	2662	2666	2668	rBV2	2622	3985	0.29%	0.033%
86	19.435	2696	2697	2699	rBV2	3095	2687	0.20%	0.022%
87	19.499	2707	2708	2711	rBV	3282	3242	0.24%	0.027%
88	19.629	2728	2730	2733	rBV3	4006	2969	0.22%	0.025%
89	19.717	2738	2745	2748	rBV3	9261	14834	1.09%	0.123%
90	19.899	2773	2776	2777	rBV3	2722	3037	0.22%	0.025%
91	19.964	2782	2787	2791	rVB5	9870	17927	1.32%	0.149%
92	20.005	2791	2794	2798	rBV5	3768	5981	0.44%	0.050%
93	20.075	2798	2806	2815	rBV	897957	1342879	98.96%	11.141%
94	22.026	3131	3138	3151	rBV	457534	815597	60.10%	6.766%
95	23.571	3393	3401	3413	rBV	28486	78135	5.76%	0.648%
96	24.441	3543	3549	3556	rBV9	19817	44360	3.27%	0.368%
97	25.287	3678	3693	3710	rBV2	432043	1356959	100.00%	11.258%
98	25.528	3718	3734	3749	rVB2	252578	841911	62.04%	6.985%
99	26.691	3928	3932	3941	rVB5	25291	62240	4.59%	0.516%
100	28.160	4178	4182	4196	rVB5	27503	88087	6.49%	0.731%

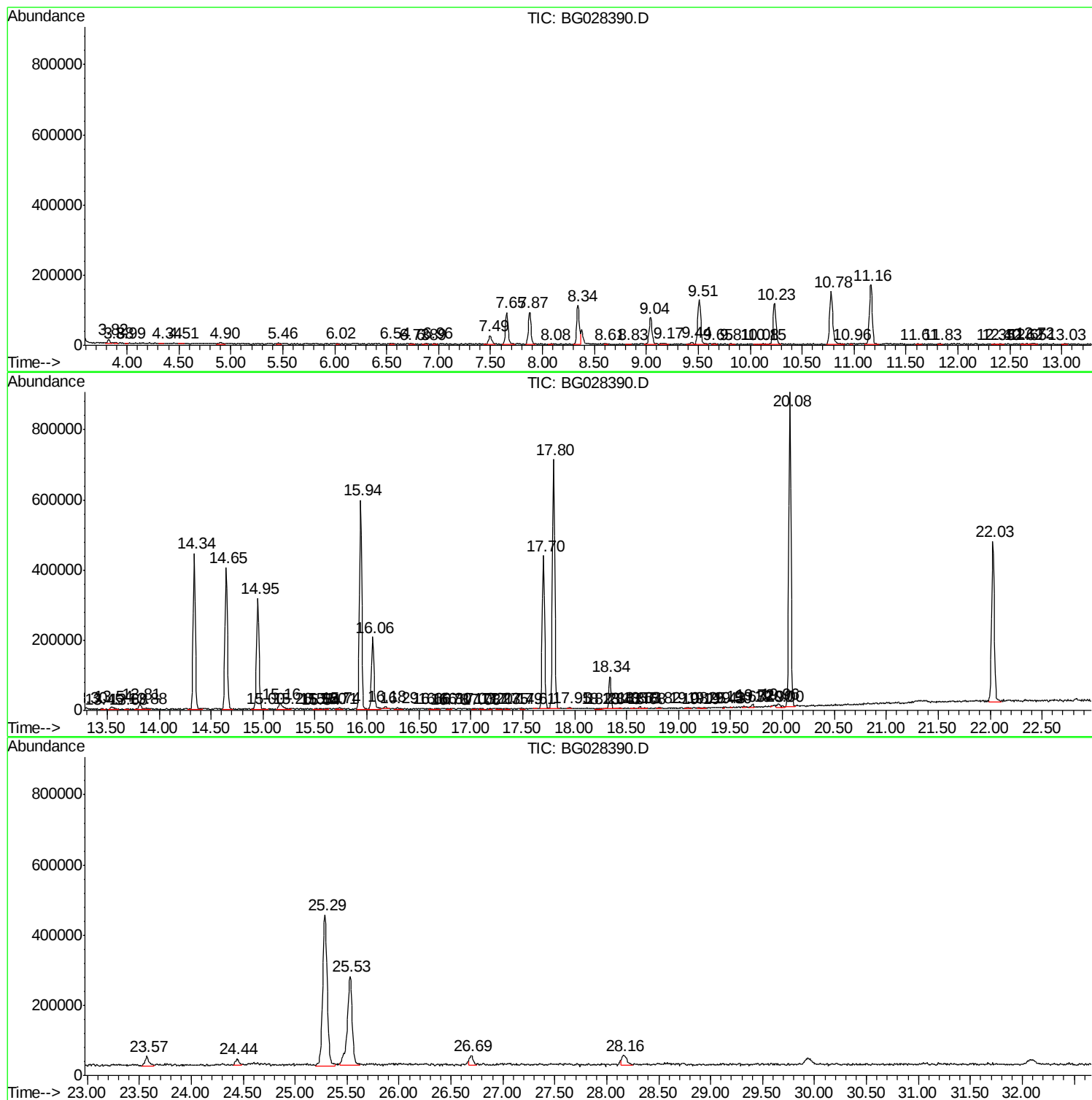
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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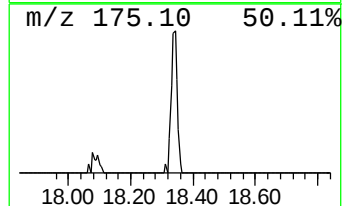
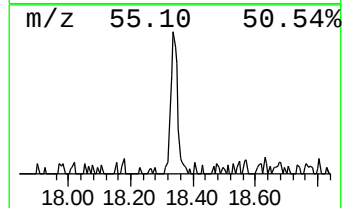
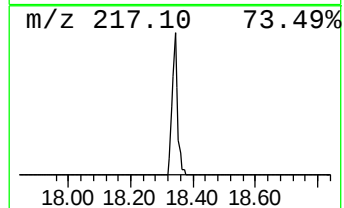
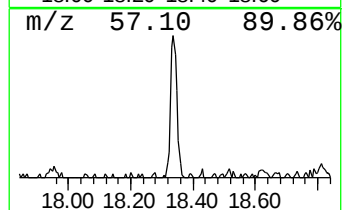
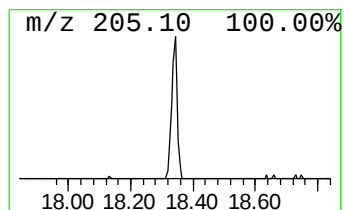
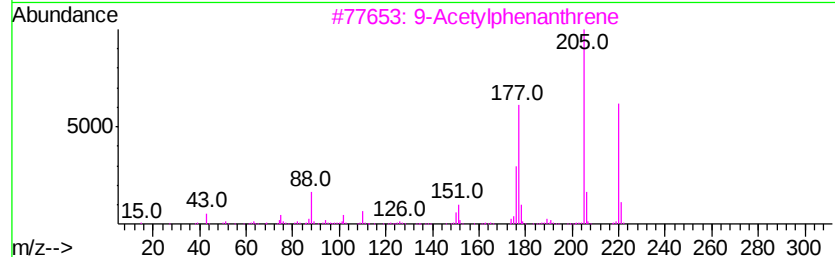
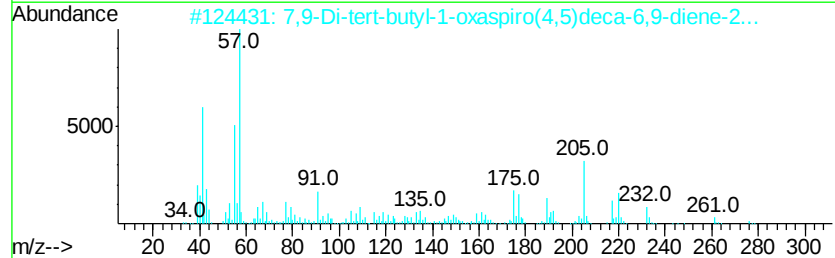
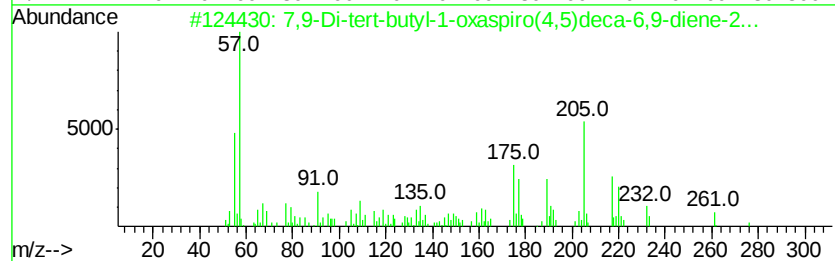
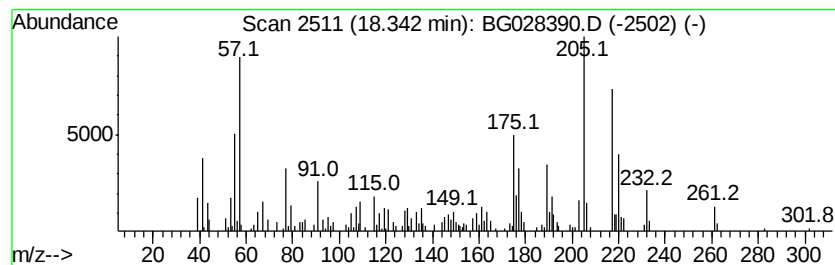
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.74 ng/ul	133184	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	99
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3			9-Acetylphenanthrene	220	C16H12O	002039-77-2	45
4			9-Acetylphenanthrene	220	C16H12O	002039-77-2	43
5			1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38



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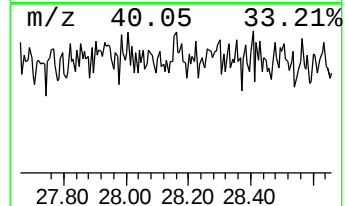
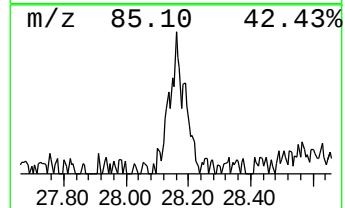
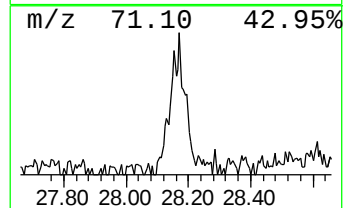
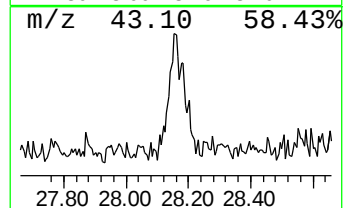
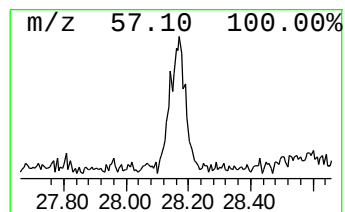
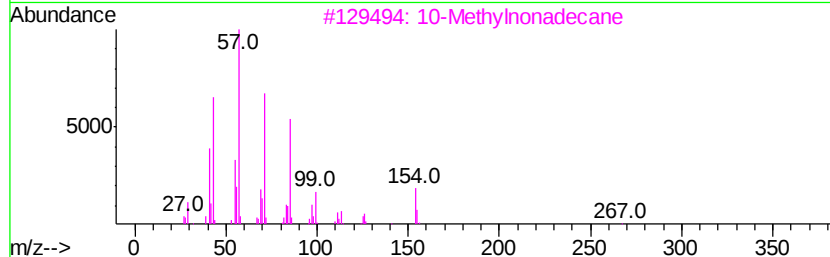
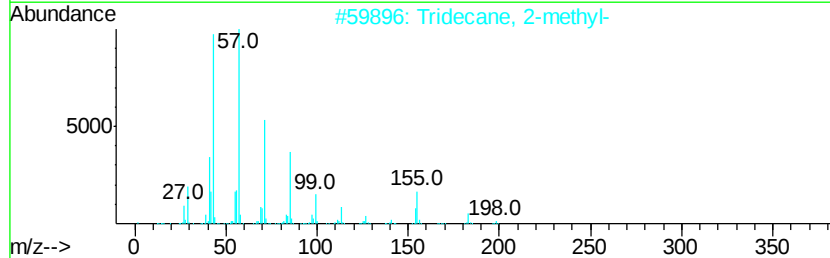
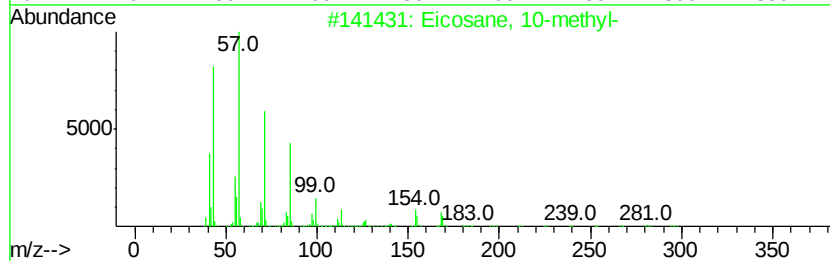
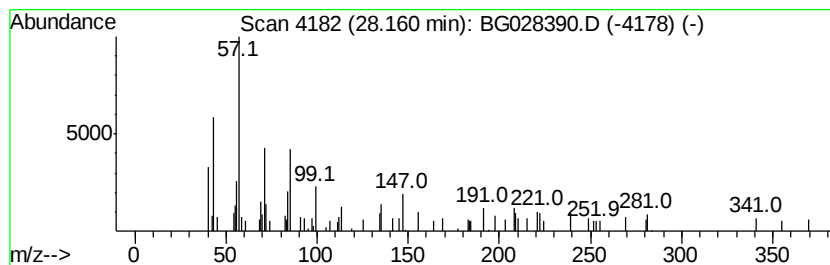
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.09 ng/ul	88087	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	46
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	43
3		10-Methylnonadecane	282	C20H42	056862-62-5	43
4		Heneicosane	296	C21H44	000629-94-7	43
5		6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.34	3.7	ng/ul	133184	4	17.70	712624	20.0
(DEL) Alkane: Str...	28.16	2.1	ng/ul	88087	6	25.53	841911	20.0