

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018251.D
 Acq On : 3 Aug 2015 20:20
 Operator : UM/TP
 Sample : G3109-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W9

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-BG073115.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	2.731	4	7	8	rBV2	1903	2001	0.24%	0.021%
2	2.813	18	21	22	rBV3	2682	2667	0.32%	0.028%
3	2.848	25	27	29	rVV3	2669	2533	0.30%	0.027%
4	2.936	39	42	43	rBV2	5102	4246	0.51%	0.044%
5	3.130	74	75	82	rVB3	2655	3334	0.40%	0.035%
6	3.177	82	83	86	rBV2	2728	1994	0.24%	0.021%
7	3.230	90	92	96	rVV4	3024	3730	0.45%	0.039%
8	3.277	98	100	102	rVV3	2432	2816	0.34%	0.029%
9	3.318	104	107	110	rBV3	2839	3870	0.46%	0.041%
10	3.494	134	137	140	rVB3	2629	3071	0.37%	0.032%
11	3.776	183	185	189	rBV2	1657	2367	0.28%	0.025%
12	4.223	259	261	264	rBV2	2388	2386	0.29%	0.025%
13	4.258	264	267	270	rVB3	2556	3566	0.43%	0.037%
14	4.593	321	324	329	rVV5	2040	2574	0.31%	0.027%
15	5.504	475	479	480	rBV	1830	2127	0.25%	0.022%
16	5.539	484	485	489	rVB2	2263	2070	0.25%	0.022%
17	5.610	496	497	500	rBV	2854	2337	0.28%	0.024%
18	5.680	502	509	510	rBV3	2806	3881	0.47%	0.041%
19	6.056	569	573	576	rBV	1495	2300	0.28%	0.024%
20	6.121	582	584	587	rVB	2888	2340	0.28%	0.024%
21	6.262	604	608	611	rBV	1352	2031	0.24%	0.021%
22	6.397	626	631	634	rBV2	2188	2855	0.34%	0.030%
23	6.567	657	660	665	rVB	2634	3970	0.48%	0.042%
24	6.661	669	676	685	rVB	160399	246514	29.54%	2.580%
25	6.802	695	700	708	rVB	111613	168289	20.17%	1.762%
26	6.902	713	717	721	rVB2	3064	3671	0.44%	0.038%
27	6.996	726	733	741	rVB2	168756	258537	30.98%	2.706%
28	7.454	806	811	821	rBV	104888	163741	19.62%	1.714%
29	8.019	905	907	912	rVB	2459	2911	0.35%	0.030%
30	8.189	930	936	943	rVB	217325	341550	40.93%	3.575%
31	8.518	990	992	996	rBV	2280	2449	0.29%	0.026%
32	8.553	996	998	1001	rBV	1790	2421	0.29%	0.025%
33	8.612	1001	1008	1015	rVV	162890	256248	30.71%	2.682%
34	8.688	1018	1021	1025	rVB	2060	1998	0.24%	0.021%

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35	8.788	1035	1038	1041	rVB	2014	2278	0.27%	0.024%
36	9.335	1124	1131	1138	rVB	152154	250168	29.98%	2.619%
37	9.875	1217	1223	1234	rVB	232266	390622	46.81%	4.089%
38	10.034	1246	1250	1253	rBV3	2706	2609	0.31%	0.027%
39	10.239	1276	1285	1292	rBV	165244	276290	33.11%	2.892%
40	10.386	1303	1310	1319	rBV	182584	308358	36.95%	3.228%
41	10.445	1319	1320	1322	rVV	3446	2632	0.32%	0.028%
42	10.463	1322	1323	1326	rVV2	2671	3122	0.37%	0.033%
43	11.309	1464	1467	1470	rVV	2338	2483	0.30%	0.026%
44	11.520	1500	1503	1506	rVB	1655	2255	0.27%	0.024%
45	11.726	1534	1538	1541	rBV	1717	2018	0.24%	0.021%
46	11.926	1567	1572	1575	rVB2	2569	4031	0.48%	0.042%
47	12.008	1581	1586	1589	rBV2	1144	2004	0.24%	0.021%
48	12.049	1589	1593	1595	rVV	1888	2032	0.24%	0.021%
49	12.125	1601	1606	1609	rVV2	1883	4354	0.52%	0.046%
50	12.184	1613	1616	1618	rVV	1564	2116	0.25%	0.022%
51	12.384	1647	1650	1652	rBV	1883	2213	0.27%	0.023%
52	12.472	1660	1665	1669	rVB2	7447	12112	1.45%	0.127%
53	12.596	1680	1686	1689	rBV2	2020	3746	0.45%	0.039%
54	12.725	1704	1708	1714	rBV2	11561	17810	2.13%	0.186%
55	13.036	1760	1761	1766	rBV2	2391	2659	0.32%	0.028%
56	13.107	1767	1773	1777	rVB	8344	11699	1.40%	0.122%
57	13.160	1777	1782	1787	rBV	3646	6608	0.79%	0.069%
58	13.248	1793	1797	1798	rBV	1523	2115	0.25%	0.022%
59	13.318	1807	1809	1814	rVB4	2974	4342	0.52%	0.045%
60	13.359	1814	1816	1821	rVB	2469	3376	0.40%	0.035%
61	13.477	1834	1836	1839	rVB	2948	2806	0.34%	0.029%
62	13.553	1843	1849	1853	rVV	421088	587585	70.41%	6.151%
63	13.600	1853	1857	1862	rVB	153747	203280	24.36%	2.128%
64	13.688	1867	1872	1876	rBV3	2965	6885	0.83%	0.072%
65	13.782	1886	1888	1889	rVV	2727	2636	0.32%	0.028%
66	13.823	1889	1895	1904	rVV	410770	599255	71.81%	6.273%
67	13.982	1920	1922	1924	rVB	2681	2081	0.25%	0.022%
68	14.047	1931	1933	1935	rBV	3179	3028	0.36%	0.032%
69	14.135	1942	1948	1955	rBV2	294466	426898	51.15%	4.469%
70	14.235	1963	1965	1967	rVB2	3065	2284	0.27%	0.024%
71	14.388	1985	1991	1998	rBV	169623	262763	31.49%	2.751%

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Title : SVOA CALIBRATION

72	14.487	2006	2008	2011	rBV4	3088	3181	0.38%	0.033%
73	14.511	2011	2012	2016	rVB3	6182	6141	0.74%	0.064%
74	14.581	2022	2024	2026	rVB3	5654	4097	0.49%	0.043%
75	14.617	2026	2030	2034	rVB5	4185	6834	0.82%	0.072%
76	14.675	2039	2040	2043	rBV3	5378	5843	0.70%	0.061%
77	14.893	2072	2077	2082	rBV	83200	108516	13.00%	1.136%
78	15.010	2093	2097	2101	rVB5	5755	8002	0.96%	0.084%
79	15.140	2113	2119	2124	rVB	533641	741654	88.87%	7.764%
80	15.275	2138	2142	2152	rBV	119516	169716	20.34%	1.777%
81	15.369	2152	2158	2161	rBV6	7914	13872	1.66%	0.145%
82	15.416	2162	2166	2167	rBV3	4982	5334	0.64%	0.056%
83	15.510	2179	2182	2186	rBV4	4463	6644	0.80%	0.070%
84	15.569	2190	2192	2193	rBV2	6546	4519	0.54%	0.047%
85	15.839	2233	2238	2240	rVV5	9288	13662	1.64%	0.143%
86	15.874	2242	2244	2247	rVV3	9151	11155	1.34%	0.117%
87	15.921	2250	2252	2256	rVB3	10958	9741	1.17%	0.102%
88	16.003	2262	2266	2269	rVB4	7172	9624	1.15%	0.101%
89	16.050	2269	2274	2276	rBV6	5643	9358	1.12%	0.098%
90	16.133	2285	2288	2289	rBV3	3270	3550	0.43%	0.037%
91	16.238	2305	2306	2309	rBV3	4179	3379	0.40%	0.035%
92	16.321	2316	2320	2323	rBV4	20949	26321	3.15%	0.276%
93	16.667	2376	2379	2384	rBV5	11686	14133	1.69%	0.148%
94	16.896	2411	2418	2423	rBV2	387063	561798	67.32%	5.881%
95	16.990	2428	2434	2443	rVB2	582434	834535	100.00%	8.736%
96	17.813	2570	2574	2581	rBV2	167854	221016	26.48%	2.314%
97	19.305	2823	2828	2836	rBV2	517701	707839	84.82%	7.410%
98	21.097	3129	3133	3138	rBV	286863	366547	43.92%	3.837%
99	23.130	3474	3479	3486	rVB	271149	444348	53.24%	4.651%
100	23.271	3499	3503	3513	rVB	173663	294732	35.32%	3.085%

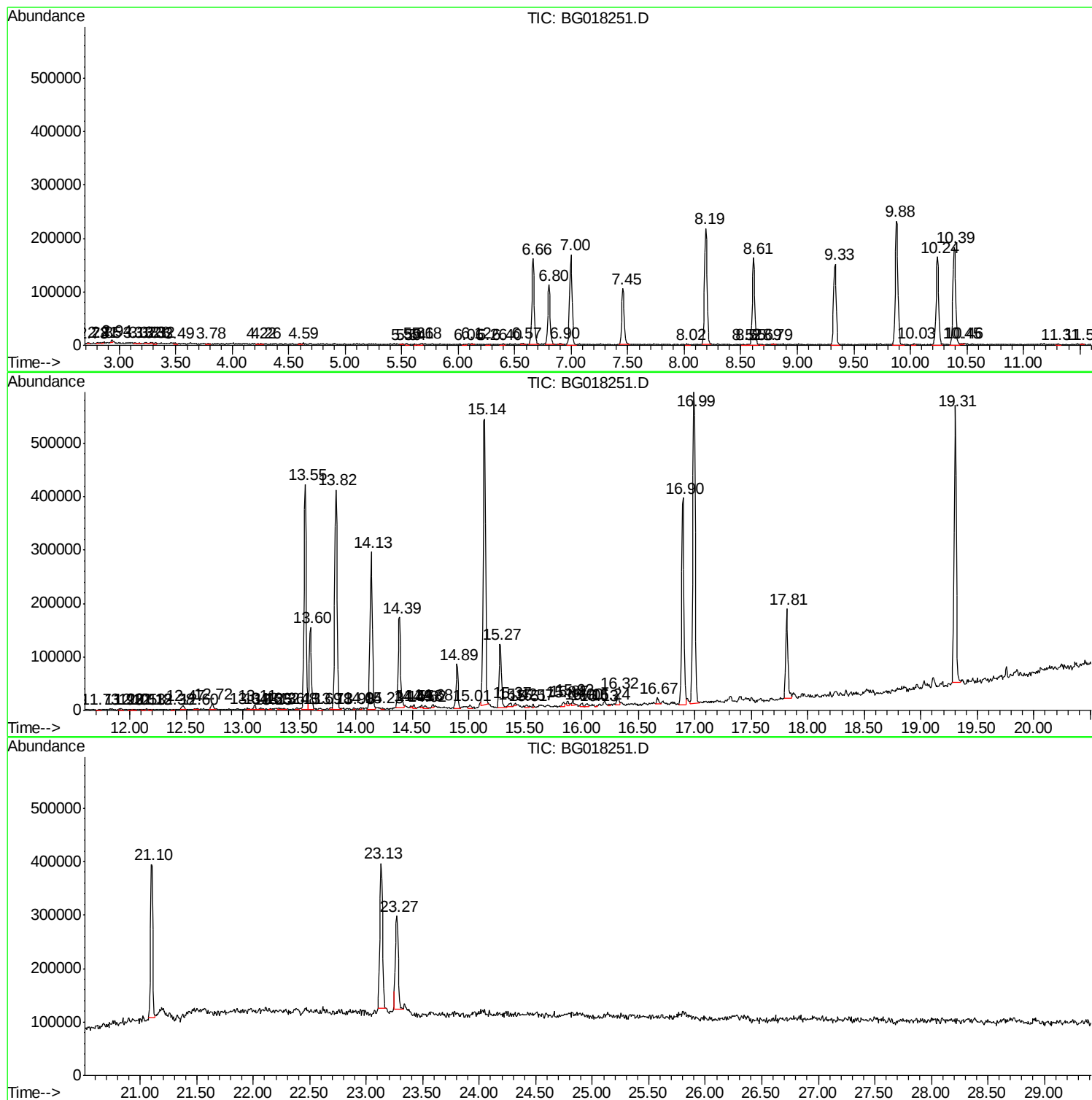
Sum of corrected areas: 9553039

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TIC Library : C:\DATABASE\NIST02.L
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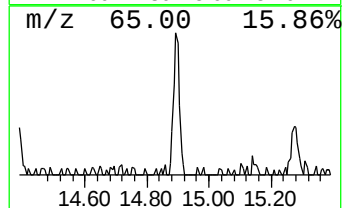
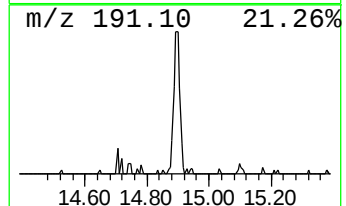
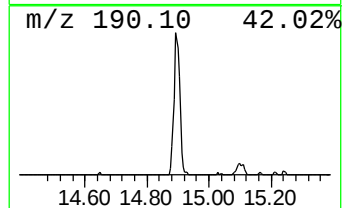
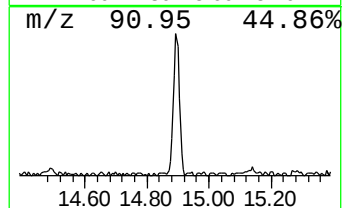
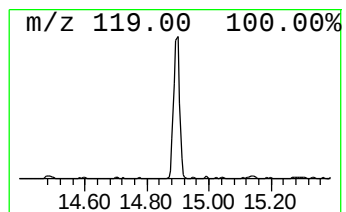
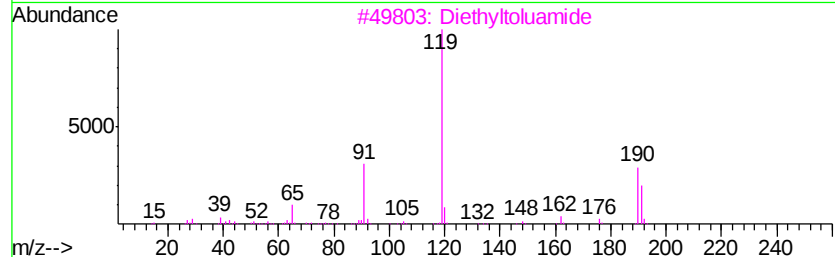
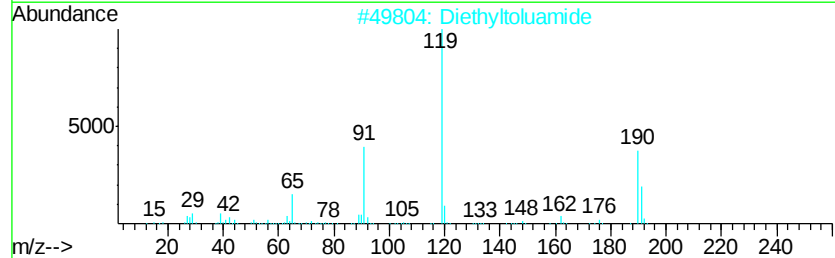
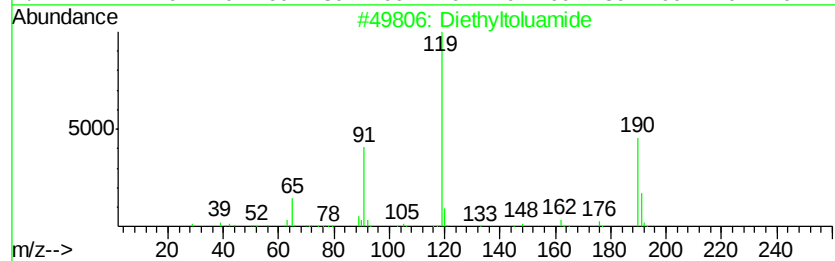
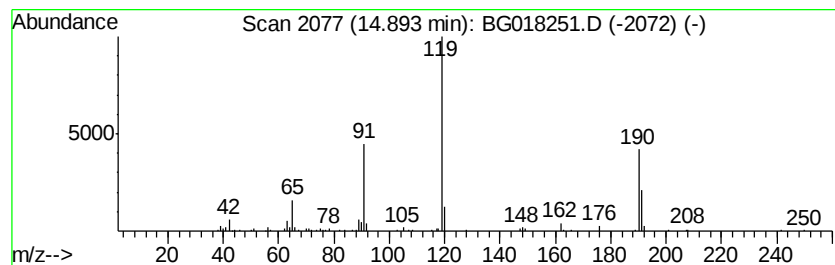
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.08 ng/ul	108516	Acenaphthene-d10	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diethyltoluamide	191 C12H17NO	000134-62-3 96
2		Diethyltoluamide	191 C12H17NO	000134-62-3 96
3		Diethyltoluamide	191 C12H17NO	000134-62-3 94
4		Diethyltoluamide	191 C12H17NO	000134-62-3 94
5		Benzamide, N,N-diethyl-4-methyl-	191 C12H17NO	002728-05-4 90



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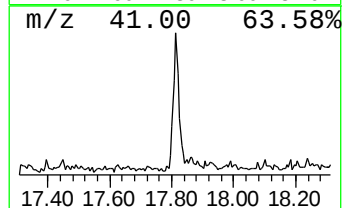
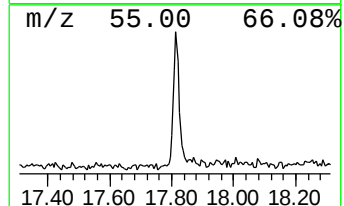
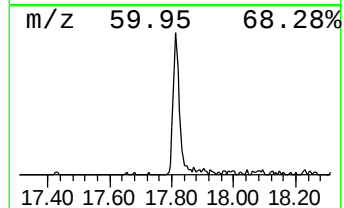
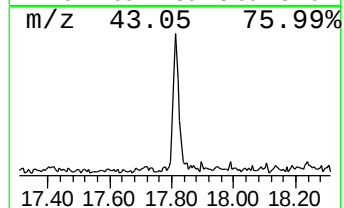
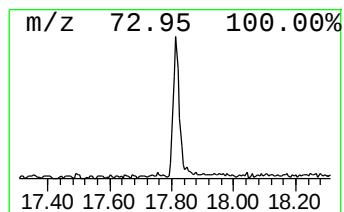
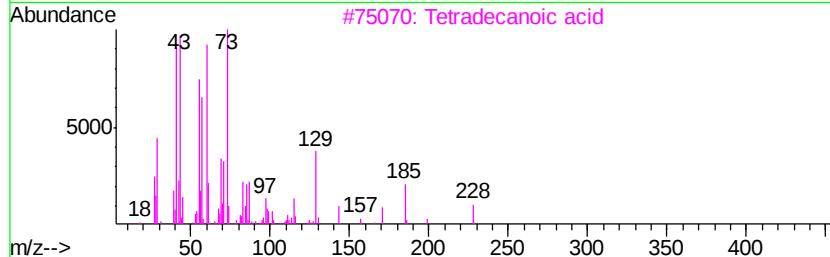
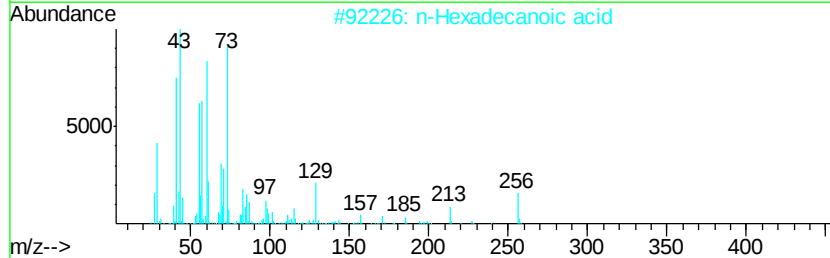
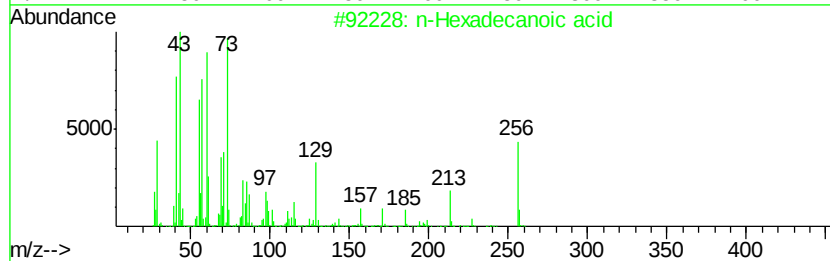
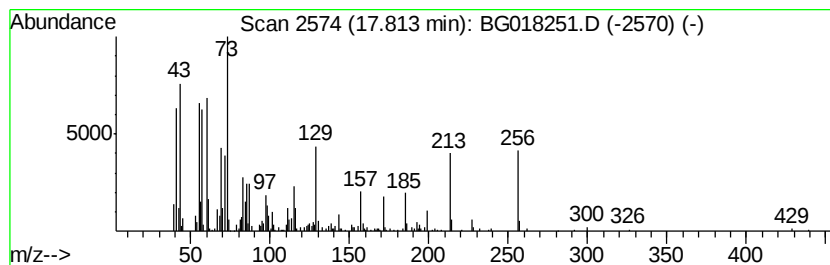
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	7.87 ng/ul	221016	Phenanthrene-d10	16.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	14.89	5.1	ng/ul	108516	3	14.13	426898	20.0
n-Hexadecanoic acid	17.81	7.9	ng/ul	221016	4	16.90	561798	20.0