

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028471.D
 Acq On : 24 Aug 2017 22:06
 Operator : SJ/JU
 Sample : I4840-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AM3

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	3.811	34	38	48	rVB5	6522	13066	1.46%	0.128%
2	4.075	80	83	90	rBV3	6825	11608	1.30%	0.114%
3	4.680	183	186	189	rVB3	3235	4113	0.46%	0.040%
4	4.716	189	192	195	rBV	3171	3424	0.38%	0.034%
5	4.751	195	198	204	rVB5	2261	4293	0.48%	0.042%
6	4.945	225	231	233	rBV4	1316	2886	0.32%	0.028%
7	5.039	243	247	250	rVB3	1615	2377	0.27%	0.023%
8	5.127	259	262	265	rBV2	1983	2322	0.26%	0.023%
9	5.362	297	302	303	rBV3	1704	2595	0.29%	0.025%
10	5.380	303	305	309	rBV2	1503	2290	0.26%	0.022%
11	5.450	312	317	318	rVB4	2378	2870	0.32%	0.028%
12	5.873	383	389	391	rBV3	2096	2686	0.30%	0.026%
13	5.914	391	396	399	rBV4	2346	3288	0.37%	0.032%
14	6.114	428	430	435	rBV3	2107	4338	0.48%	0.043%
15	6.290	455	460	463	rBV4	1522	3018	0.34%	0.030%
16	6.901	563	564	569	rVB	2359	2403	0.27%	0.024%
17	6.954	569	573	575	rBV2	2072	3224	0.36%	0.032%
18	7.489	657	664	678	rBV3	95390	206726	23.08%	2.027%
19	7.589	678	681	684	rVV3	2313	2362	0.26%	0.023%
20	7.648	684	691	704	rVB	69298	125799	14.05%	1.233%
21	7.871	719	729	739	rBV2	92901	175975	19.65%	1.725%
22	8.259	794	795	800	rVB3	1567	2409	0.27%	0.024%
23	8.335	800	808	818	rBV	113854	209874	23.43%	2.058%
24	8.523	837	840	843	rVB2	2044	2597	0.29%	0.025%
25	8.576	843	849	850	rBV3	2068	2986	0.33%	0.029%
26	9.034	917	927	941	rVV2	116127	224300	25.05%	2.199%
27	9.387	984	987	990	rVB3	2186	2555	0.29%	0.025%
28	9.504	998	1007	1015	rBV	97141	183320	20.47%	1.797%
29	9.633	1028	1029	1035	rVB3	2638	3014	0.34%	0.030%
30	10.051	1095	1100	1102	rVB2	1765	2530	0.28%	0.025%
31	10.098	1102	1108	1111	rBV2	1897	3322	0.37%	0.033%
32	10.227	1122	1130	1139	rBV	83815	163468	18.25%	1.603%
33	10.773	1212	1223	1234	rVV	122124	242036	27.03%	2.373%
34	11.155	1276	1288	1301	rBV	169443	316910	35.39%	3.107%

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35	11.290	1303	1311	1324	rBV	141334	283765	31.69%	2.782%
36	11.643	1365	1371	1374	rBV3	1298	2869	0.32%	0.028%
37	11.749	1386	1389	1393	rVB2	2649	3442	0.38%	0.034%
38	12.307	1480	1484	1489	rBV3	3369	7151	0.80%	0.070%
39	12.448	1502	1508	1512	rBV4	1374	3464	0.39%	0.034%
40	12.606	1528	1535	1544	rVB3	3492	7117	0.79%	0.070%
41	12.724	1552	1555	1560	rVV2	2752	3512	0.39%	0.034%
42	13.065	1610	1613	1618	rBV2	1549	2493	0.28%	0.024%
43	13.541	1689	1694	1697	rBV3	3122	3807	0.43%	0.037%
44	13.611	1703	1706	1711	rVB2	1644	2473	0.28%	0.024%
45	13.717	1721	1724	1727	rBV2	1502	2329	0.26%	0.023%
46	13.752	1727	1730	1733	rVV2	2518	2860	0.32%	0.028%
47	14.334	1822	1829	1834	rBV	279847	424027	47.35%	4.157%
48	14.381	1834	1837	1845	rVB	104528	148364	16.57%	1.455%
49	14.528	1853	1862	1863	rBV2	1760	4297	0.48%	0.042%
50	14.645	1873	1882	1890	rBV	264889	438437	48.96%	4.298%
51	14.798	1902	1908	1915	rVB4	3727	6954	0.78%	0.068%
52	14.886	1915	1923	1926	rBV4	2209	3588	0.40%	0.035%
53	14.945	1926	1933	1942	rVB2	280183	465867	52.02%	4.567%
54	15.151	1959	1968	1986	rBV2	80873	188350	21.03%	1.847%
55	15.321	1996	1997	1999	rBV2	2937	2444	0.27%	0.024%
56	15.421	2012	2014	2018	rVB3	3695	5017	0.56%	0.049%
57	15.485	2022	2025	2028	rBV3	2645	3736	0.42%	0.037%
58	15.715	2059	2064	2065	rBV3	2966	3076	0.34%	0.030%
59	15.744	2065	2069	2075	rVB3	10928	15743	1.76%	0.154%
60	15.938	2093	2102	2110	rVB	372304	598017	66.78%	5.863%
61	16.055	2116	2122	2133	rBV2	121390	202478	22.61%	1.985%
62	16.167	2139	2141	2150	rVB7	4551	8570	0.96%	0.084%
63	16.249	2152	2155	2160	rBV4	2154	2776	0.31%	0.027%
64	16.296	2160	2163	2171	rVV7	2010	4881	0.55%	0.048%
65	16.379	2174	2177	2181	rVB4	2892	3109	0.35%	0.030%
66	16.455	2185	2190	2193	rBV3	1959	3649	0.41%	0.036%
67	16.608	2209	2216	2224	rBV4	14868	29237	3.26%	0.287%
68	16.807	2248	2250	2257	rVB4	3397	4599	0.51%	0.045%
69	16.872	2257	2261	2262	rBV3	2143	2542	0.28%	0.025%
70	16.948	2272	2274	2277	rBV2	3831	4656	0.52%	0.046%
71	17.013	2280	2285	2289	rVB5	3651	5175	0.58%	0.051%

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72	17.066	2291	2294	2298	rBV5	4046	4703	0.53%	0.046%
73	17.348	2338	2342	2345	rBV2	3159	3258	0.36%	0.032%
74	17.401	2347	2351	2355	rVB2	10546	12343	1.38%	0.121%
75	17.460	2357	2361	2363	rBV3	2294	3282	0.37%	0.032%
76	17.642	2387	2392	2394	rBV3	2042	2331	0.26%	0.023%
77	17.695	2394	2401	2411	rVV	422961	668775	74.68%	6.557%
78	17.795	2411	2418	2427	rVV2	474861	723615	80.80%	7.094%
79	17.953	2442	2445	2453	rBV4	1705	3486	0.39%	0.034%
80	18.135	2474	2476	2483	rBV5	4122	6856	0.77%	0.067%
81	18.182	2483	2484	2491	rBV5	2208	3365	0.38%	0.033%
82	18.265	2494	2498	2501	rBV4	2265	3649	0.41%	0.036%
83	18.400	2517	2521	2522	rBV4	2543	3142	0.35%	0.031%
84	18.541	2540	2545	2553	rBV4	37651	70370	7.86%	0.690%
85	18.705	2572	2573	2575	rBV2	4090	3049	0.34%	0.030%
86	18.823	2591	2593	2597	rBV4	2873	2811	0.31%	0.028%
87	18.864	2599	2600	2603	rBV2	3766	2522	0.28%	0.025%
88	19.093	2634	2639	2641	rBV5	4647	5902	0.66%	0.058%
89	19.710	2739	2744	2746	rBV5	6827	7599	0.85%	0.075%
90	19.804	2757	2760	2767	rBV7	13653	24940	2.78%	0.245%
91	19.957	2782	2786	2791	rVB6	11472	18002	2.01%	0.176%
92	20.068	2799	2805	2814	rBV	577080	895561	100.00%	8.780%
93	21.055	2970	2973	2976	rBV5	10899	13658	1.53%	0.134%
94	21.596	3061	3065	3079	rVB5	21404	57319	6.40%	0.562%
95	22.025	3130	3138	3151	rBV	458180	851512	95.08%	8.348%
96	24.440	3545	3549	3557	rVB7	26566	55985	6.25%	0.549%
97	25.286	3682	3693	3707	rVB2	278685	884108	98.72%	8.668%
98	25.527	3717	3734	3747	rVB3	249199	890207	99.40%	8.728%
99	26.696	3926	3933	3944	rVB4	34230	107331	11.98%	1.052%
100	28.153	4177	4181	4182	rBV3	18559	24298	2.71%	0.238%

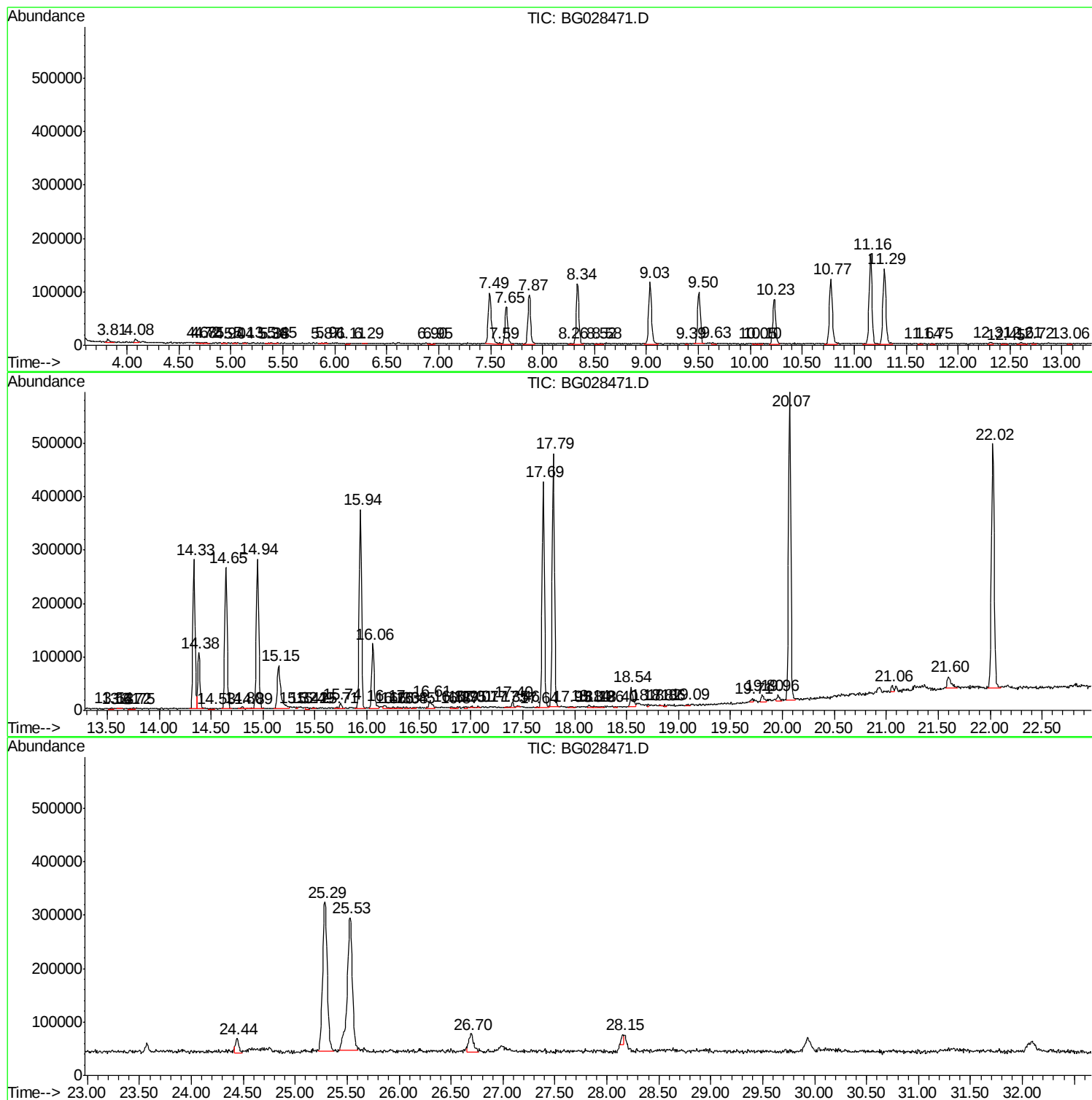
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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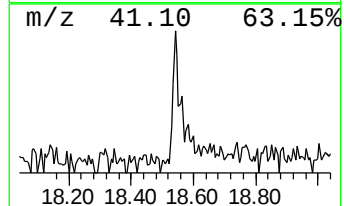
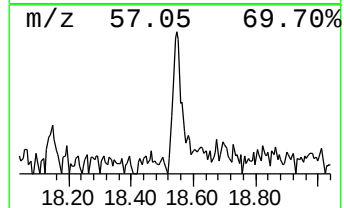
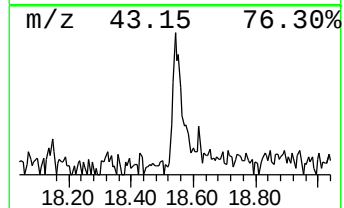
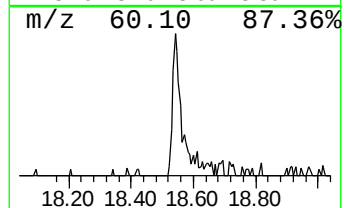
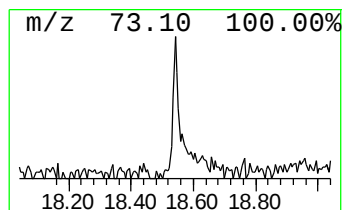
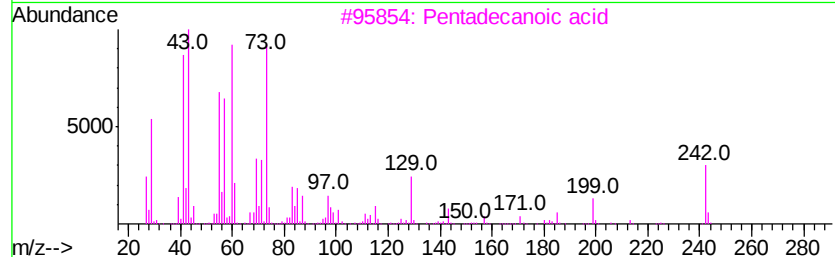
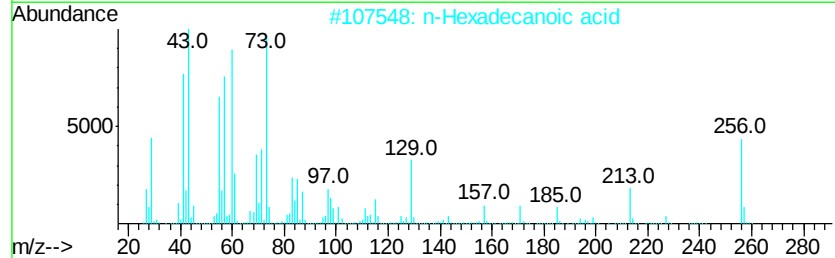
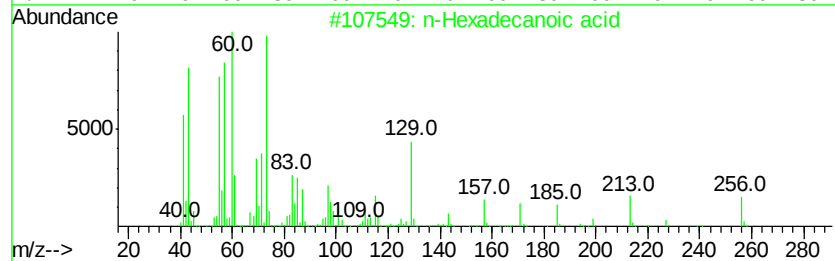
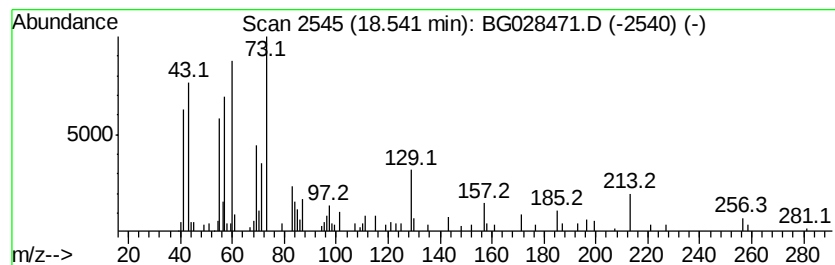
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.54	2.10 ng/ul	70370	Phenanthrene-d10	17.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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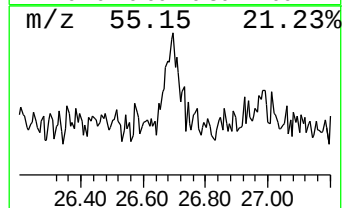
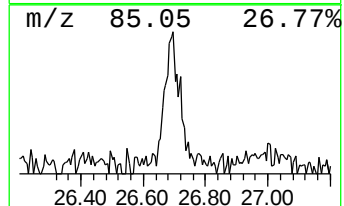
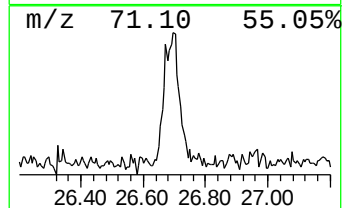
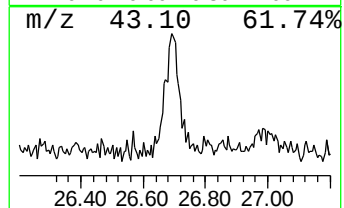
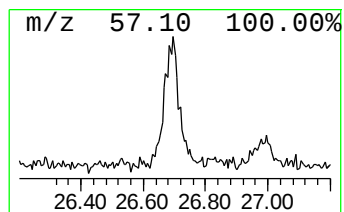
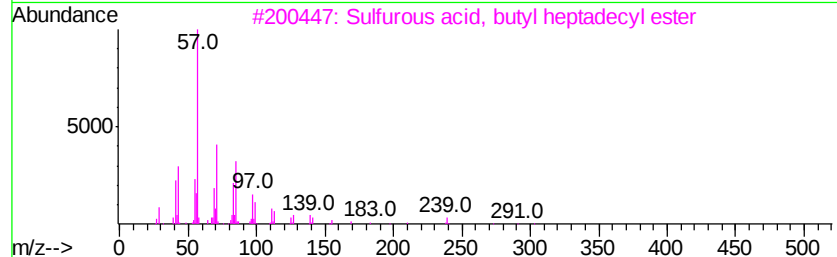
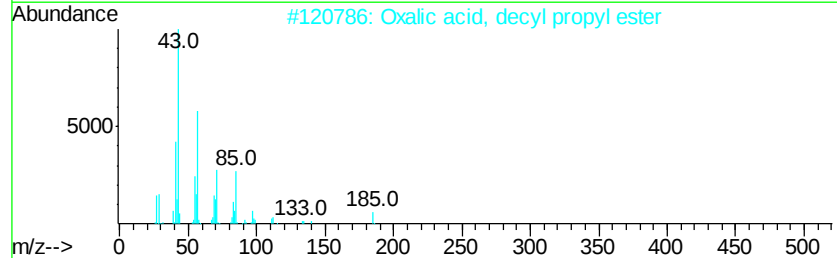
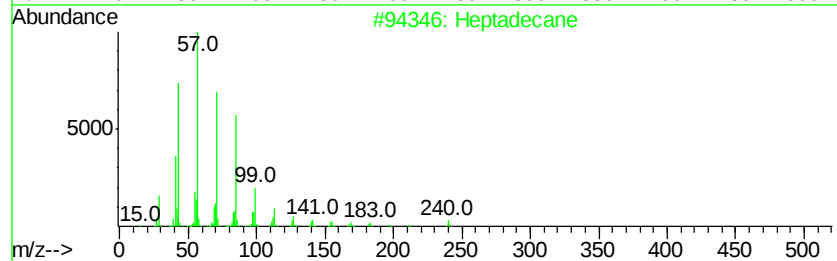
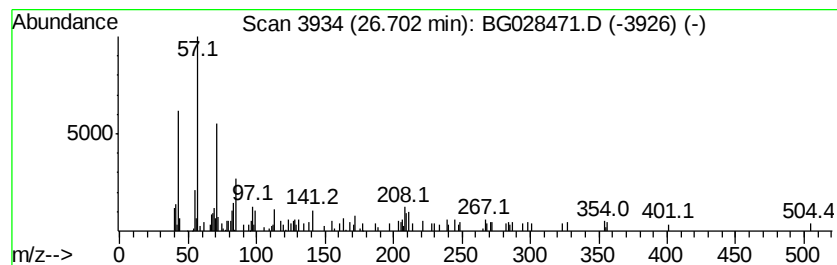
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.41 ng/ul	107331	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	60
2			Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	47
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	47
4			Nonadecane	268	C19H40	000629-92-5	47
5			10-Methylnonadecane	282	C20H42	056862-62-5	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.54	2.1	ng/ul	70370	4	17.69	668775	20.0
(DEL) Alkane: Str...	26.70	2.4	ng/ul	107331	6	25.53	890207	20.0