

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012068.D
 Acq On : 05 Oct 2020 22:59
 Operator : CG/JU
 Sample : L4184-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Title : SVOA CALIBRATION

Signal : TIC: BN012068.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	32	35	46	rVB2	45477	67744	1.69%	0.137%
2	3.487	83	85	91	rVB4	8031	11926	0.30%	0.024%
3	3.605	102	105	108	rBV5	7805	8087	0.20%	0.016%
4	3.699	117	121	128	rVB2	34109	51099	1.27%	0.104%
5	3.822	137	142	149	rVB3	24224	42036	1.05%	0.085%
6	3.911	153	157	162	rBV2	24089	33515	0.83%	0.068%
7	4.722	291	295	298	rBV5	5024	8142	0.20%	0.017%
8	4.811	308	310	315	rVB4	12181	16195	0.40%	0.033%
9	5.699	458	461	465	rVB6	8656	13047	0.32%	0.026%
10	6.352	571	572	578	rVB5	5145	7459	0.19%	0.015%
11	6.652	620	623	629	rVB5	11662	17635	0.44%	0.036%
12	6.828	647	653	666	rVB	596662	961073	23.94%	1.949%
13	6.999	676	682	692	rBV	491778	763731	19.02%	1.548%
14	7.193	707	715	725	rBV	650414	1002035	24.96%	2.032%
15	7.281	725	730	739	rBV3	52261	101677	2.53%	0.206%
16	7.657	786	794	803	rBV	1016696	1586529	39.52%	3.217%
17	7.728	803	806	809	rVB4	6492	7750	0.19%	0.016%
18	8.357	904	913	922	rBV	669368	1055200	26.28%	2.139%
19	8.475	927	933	942	rVV	41424	73234	1.82%	0.148%
20	8.804	980	989	999	rBV	579277	947392	23.60%	1.921%
21	8.922	1006	1009	1012	rVV4	4919	6921	0.17%	0.014%
22	8.981	1016	1019	1025	rVB6	5941	7294	0.18%	0.015%
23	9.234	1060	1062	1068	rVB7	6079	9300	0.23%	0.019%
24	9.522	1101	1111	1117	rBV	463666	758997	18.90%	1.539%
25	9.851	1161	1167	1171	rBV6	13156	25397	0.63%	0.051%
26	10.051	1195	1201	1212	rBV	718054	1161296	28.93%	2.354%
27	10.434	1258	1266	1273	rBV	1266763	2133861	53.15%	4.326%
28	10.569	1280	1289	1299	rBV	525950	939031	23.39%	1.904%
29	10.969	1354	1357	1362	rVB4	5468	7519	0.19%	0.015%
30	12.028	1532	1537	1541	rVB4	11127	19275	0.48%	0.039%
31	12.569	1625	1629	1632	rVB5	6956	10390	0.26%	0.021%
32	12.898	1682	1685	1691	rBV5	8775	11235	0.28%	0.023%
33	13.192	1732	1735	1741	rVB4	18648	31382	0.78%	0.064%
34	13.622	1802	1808	1812	rBV3	19874	28985	0.72%	0.059%
35	13.710	1817	1823	1827	rBV	1332073	1873089	46.65%	3.798%
36	13.751	1827	1830	1838	rVB	683897	937215	23.34%	1.900%

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Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
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37	13.987	1861	1870	1880	rBV	1315993	1945403	48.46%	3.944%
38	14.292	1914	1922	1931	rBV2	1896891	2843491	70.82%	5.765%
39	14.363	1931	1934	1937	rVV5	7910	9859	0.25%	0.020%
40	14.422	1940	1944	1949	rVB5	19638	25360	0.63%	0.051%
41	14.492	1949	1956	1968	rBV	410706	652581	16.25%	1.323%
42	14.569	1968	1969	1972	rVB3	10947	8071	0.20%	0.016%
43	14.598	1972	1974	1978	rVB5	6818	8565	0.21%	0.017%
44	14.722	1990	1995	2000	rVV4	13986	20281	0.51%	0.041%
45	15.104	2057	2060	2062	rVV3	7850	8761	0.22%	0.018%
46	15.292	2085	2092	2100	rBV	1838301	2636151	65.66%	5.345%
47	15.404	2106	2111	2121	rBV	511514	731438	18.22%	1.483%
48	15.492	2121	2126	2129	rVV5	17810	30186	0.75%	0.061%
49	15.534	2129	2133	2136	rVV5	21360	30255	0.75%	0.061%
50	15.734	2161	2167	2169	rBV5	9377	13481	0.34%	0.027%
51	15.857	2185	2188	2194	rBV6	8957	16249	0.40%	0.033%
52	15.945	2199	2203	2208	rVB6	7469	11565	0.29%	0.023%
53	15.986	2208	2210	2214	rBV4	5483	8476	0.21%	0.017%
54	16.033	2214	2218	2223	rVV6	19256	36013	0.90%	0.073%
55	16.075	2223	2225	2229	rVB5	11391	13375	0.33%	0.027%
56	16.192	2240	2245	2249	rVB7	26359	40561	1.01%	0.082%
57	16.451	2285	2289	2291	rBV4	12036	15641	0.39%	0.032%
58	16.475	2291	2293	2297	rVV5	14315	22266	0.55%	0.045%
59	16.551	2303	2306	2310	rVV4	12632	15583	0.39%	0.032%
60	16.592	2310	2313	2317	rVV4	10876	13942	0.35%	0.028%
61	16.675	2322	2327	2329	rVV6	6072	11316	0.28%	0.023%
62	16.704	2329	2332	2337	rVB4	27081	37484	0.93%	0.076%
63	16.828	2349	2353	2357	rBV6	16046	25769	0.64%	0.052%
64	16.863	2357	2359	2363	rVB4	7033	7489	0.19%	0.015%
65	16.951	2370	2374	2376	rBV3	7340	8333	0.21%	0.017%
66	17.039	2380	2389	2394	rVV	2307494	3271735	81.49%	6.633%
67	17.080	2394	2396	2400	rVV	134319	175418	4.37%	0.356%
68	17.139	2400	2406	2416	rVV	2011535	2819714	70.23%	5.717%
69	17.222	2419	2420	2427	rVB4	19635	27716	0.69%	0.056%
70	17.392	2446	2449	2451	rBV4	8153	8240	0.21%	0.017%
71	17.445	2456	2458	2464	rVB6	16106	19617	0.49%	0.040%
72	17.710	2501	2503	2507	rVB4	15118	20750	0.52%	0.042%
73	17.822	2518	2522	2526	rBV6	22575	40492	1.01%	0.082%
74	17.945	2535	2543	2552	rBV3	275055	448246	11.16%	0.909%
75	18.010	2552	2554	2559	rVV2	18809	29512	0.74%	0.060%
76	18.092	2563	2568	2569	rBV5	16847	27570	0.69%	0.056%

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77	18.110	2569	2571	2575	rVB4	19249	23556	0.59%	0.048%
78	18.339	2608	2610	2612	rBV3	10127	9049	0.23%	0.018%
79	18.427	2619	2625	2627	rBV6	16999	28812	0.72%	0.058%
80	18.475	2628	2633	2637	rVV8	34510	62419	1.55%	0.127%
81	18.516	2638	2640	2645	rVB5	14991	16922	0.42%	0.034%
82	18.675	2662	2667	2670	rBV7	12437	17492	0.44%	0.035%
83	18.751	2677	2680	2682	rBV4	8998	11263	0.28%	0.023%
84	18.839	2692	2695	2699	rVB5	32545	42780	1.07%	0.087%
85	18.892	2699	2704	2705	rBV5	14459	20378	0.51%	0.041%
86	18.975	2715	2718	2721	rBV5	20858	30314	0.76%	0.061%
87	19.104	2732	2740	2750	rBV	423280	613884	15.29%	1.245%
88	19.233	2758	2762	2768	rBV3	82833	122264	3.05%	0.248%
89	19.327	2776	2778	2781	rBV2	17959	17948	0.45%	0.036%
90	19.439	2791	2797	2807	rBV2	2466204	3766992	93.83%	7.637%
91	19.969	2884	2887	2891	rVB5	56105	74970	1.87%	0.152%
92	20.004	2891	2893	2896	rVB3	38443	38465	0.96%	0.078%
93	20.963	3052	3056	3062	rBV3	499226	711218	17.71%	1.442%
94	21.163	3087	3090	3094	rBV	136340	156948	3.91%	0.318%
95	21.239	3097	3103	3107	rVV	3046913	4014820	100.00%	8.140%
96	21.274	3107	3109	3116	rVB	274861	327250	8.15%	0.663%
97	21.833	3201	3204	3209	rBV2	228944	337612	8.41%	0.684%
98	22.786	3362	3366	3371	rBV3	539515	887932	22.12%	1.800%
99	23.304	3448	3454	3459	rBV	1806802	3119694	77.70%	6.325%
100	23.445	3472	3478	3491	rVB	2181995	3997009	99.56%	8.104%

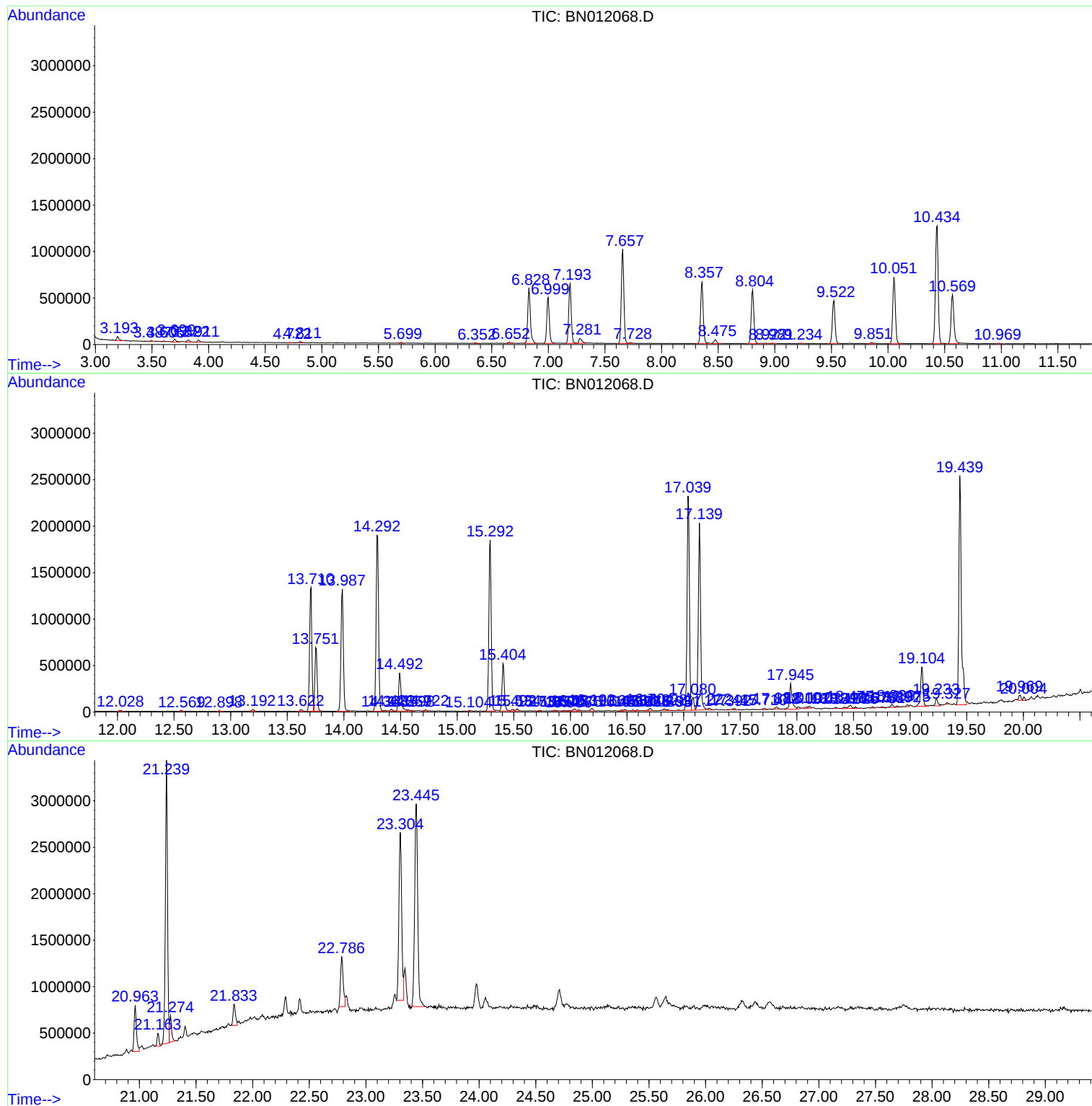
Sum of corrected areas: 49323639

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



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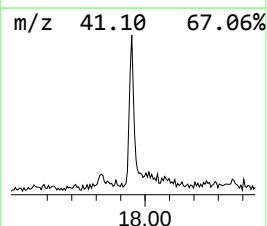
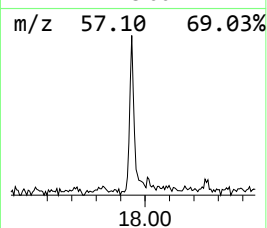
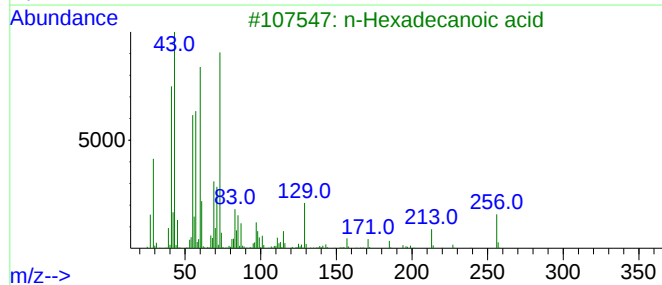
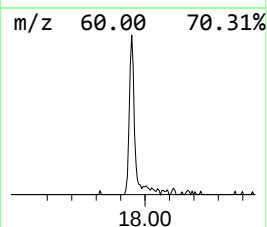
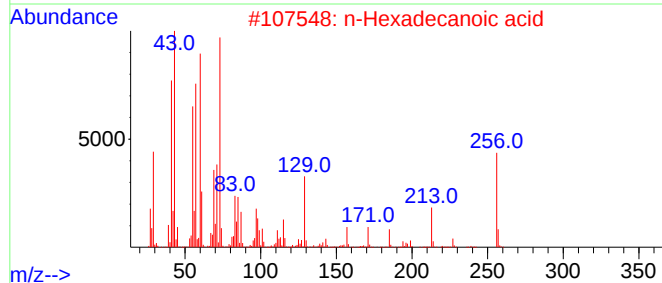
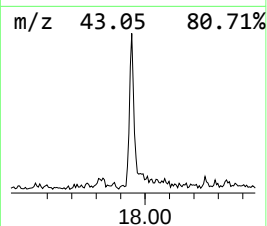
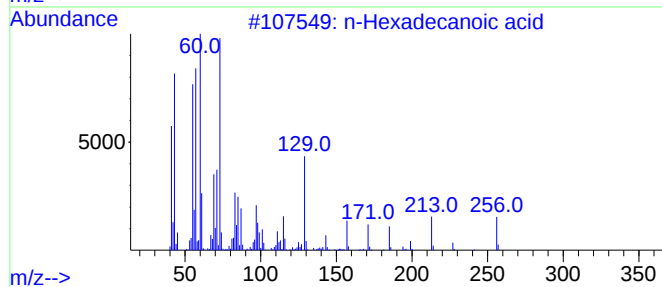
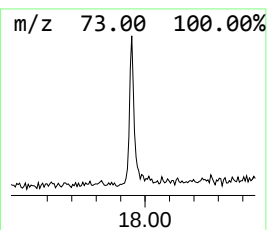
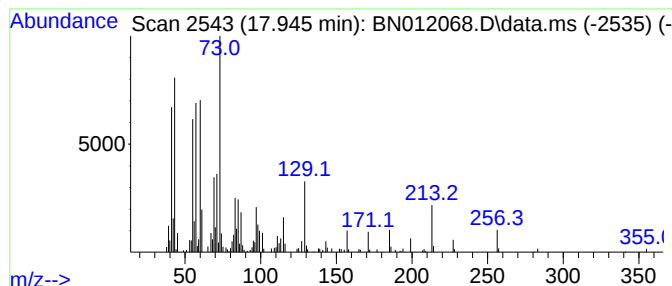
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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.
17.950	2.74 ng/ul	448246	Phenanthrene-d10	17.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Octadecanoic acid	284	C18H36O2	000057-11-4	70



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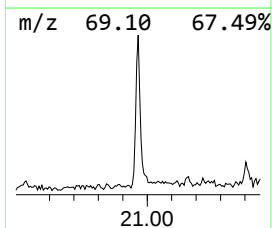
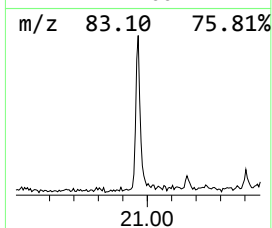
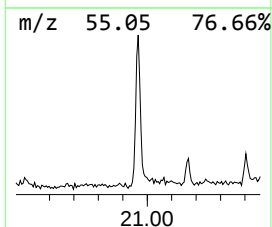
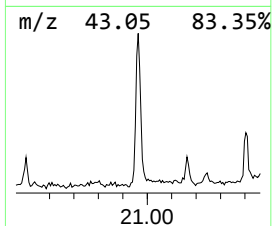
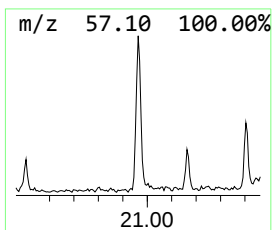
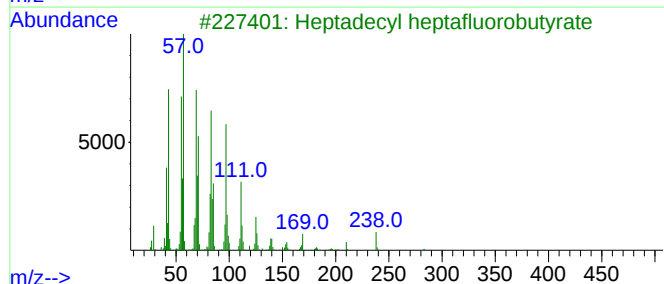
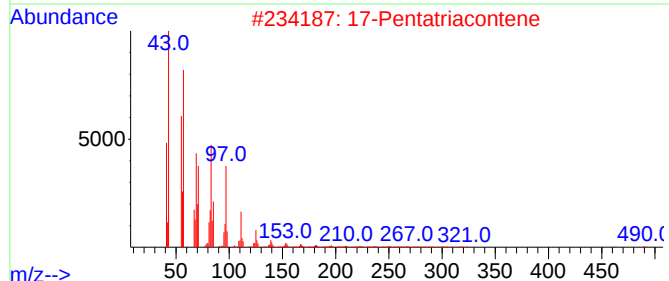
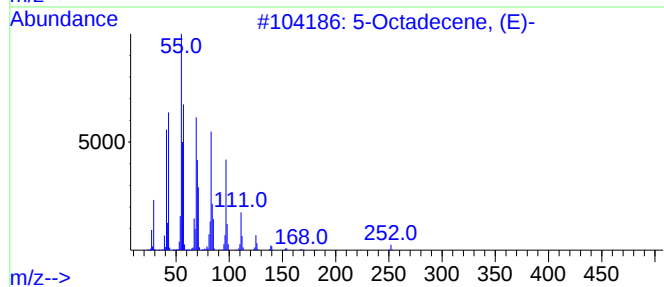
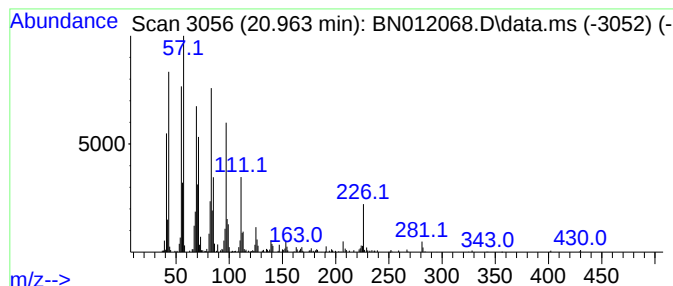
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.960	3.54 ng/ul	711218	Chrysene-d12		21.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-		252	C18H36	007206-21-5	89
2	17-Pentatriacontene		491	C35H70	006971-40-0	87
3	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	87
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	87
5	1-Tricosene		322	C23H46	018835-32-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.950	2.7	ng/ul	448246	4	17.039	3271740	20.0
(DEL) Alkane: S...	20.960	3.5	ng/ul	711218	5	21.239	4014820	20.0