

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019743.D
 Acq On : 05 Apr 2019 10:54
 Operator : JU/SJ
 Sample : K2188-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF653

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.116	19	22	30	rVB	38937	57773	1.81%	0.150%
2	6.751	634	640	659	rBV	440543	881792	27.58%	2.288%
3	6.916	661	668	682	rBV	355362	628509	19.66%	1.631%
4	7.098	692	699	718	rVB	519918	864159	27.03%	2.242%
5	7.563	771	778	786	rBV	603812	996900	31.18%	2.586%
6	7.628	786	789	798	rVB4	8949	18134	0.57%	0.047%
7	8.281	893	900	923	rBV	576055	1080205	33.79%	2.803%
8	8.734	971	977	995	rBV	461017	819587	25.63%	2.126%
9	9.051	1026	1031	1040	rVB2	20899	32371	1.01%	0.084%
10	9.445	1090	1098	1111	rBV	395122	707693	22.13%	1.836%
11	9.975	1182	1188	1208	rBV	580042	1131520	35.39%	2.936%
12	10.339	1243	1250	1262	rBV	949415	1568672	49.06%	4.070%
13	10.510	1271	1279	1299	rBV	507825	1141637	35.71%	2.962%
14	11.334	1415	1419	1423	rBV2	3167	5009	0.16%	0.013%
15	11.745	1484	1489	1494	rBV3	7757	11701	0.37%	0.030%
16	11.963	1520	1526	1532	rBV2	6870	13431	0.42%	0.035%
17	12.033	1535	1538	1544	rBV3	2603	5055	0.16%	0.013%
18	12.245	1570	1574	1582	rVB2	3635	7087	0.22%	0.018%
19	12.716	1648	1654	1660	rVB3	10098	15275	0.48%	0.040%
20	13.016	1696	1705	1713	rBV2	23149	38358	1.20%	0.100%
21	13.098	1716	1719	1722	rBV5	3713	4672	0.15%	0.012%
22	13.180	1729	1733	1738	rVB4	3655	4829	0.15%	0.013%
23	13.404	1763	1771	1776	rVB4	3916	9701	0.30%	0.025%
24	13.545	1789	1795	1798	rBV2	7267	13892	0.43%	0.036%
25	13.592	1798	1803	1806	rVV2	8330	11213	0.35%	0.029%
26	13.645	1806	1812	1817	rVV	1304287	1888841	59.08%	4.901%
27	13.692	1817	1820	1831	rVB	252499	372990	11.67%	0.968%
28	13.916	1851	1858	1873	rVV	1516285	2225124	69.60%	5.773%
29	14.104	1884	1890	1896	rBV	39030	53628	1.68%	0.139%
30	14.163	1896	1900	1902	rVV3	4753	7287	0.23%	0.019%
31	14.222	1904	1910	1923	rVB2	1433792	2261237	70.73%	5.867%
32	14.369	1930	1935	1937	rBV4	2820	3569	0.11%	0.009%
33	14.439	1943	1947	1949	rBV5	3395	5085	0.16%	0.013%
34	14.486	1949	1955	1972	rVV	178433	562524	17.59%	1.459%

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 Title : SVOA CALIBRATION

35	14.604	1973	1975	1979	rVV4	22033	38112	1.19%	0.099%
36	14.651	1979	1983	1989	rVV4	34728	72635	2.27%	0.188%
37	14.727	1993	1996	2003	rVV4	15897	32870	1.03%	0.085%
38	14.798	2006	2008	2012	rVV5	6724	9053	0.28%	0.023%
39	14.851	2012	2017	2021	rVV6	6330	11114	0.35%	0.029%
40	14.910	2021	2027	2028	rVV4	5789	8117	0.25%	0.021%
41	14.957	2032	2035	2039	rVV4	3469	4795	0.15%	0.012%
42	15.016	2039	2045	2048	rVV6	7762	13385	0.42%	0.035%
43	15.063	2048	2053	2058	rVV	49222	61843	1.93%	0.160%
44	15.122	2061	2063	2065	rVV3	4114	3934	0.12%	0.010%
45	15.157	2065	2069	2071	rVV4	2704	3825	0.12%	0.010%
46	15.227	2074	2081	2096	rBV	1950349	2769795	86.63%	7.186%
47	15.380	2102	2107	2116	rBV	381180	578689	18.10%	1.501%
48	15.469	2118	2122	2128	rVB2	45512	71470	2.24%	0.185%
49	15.563	2136	2138	2143	rVV5	3782	5649	0.18%	0.015%
50	15.621	2145	2148	2155	rVV5	6631	12739	0.40%	0.033%
51	15.686	2155	2159	2164	rVB5	7252	11206	0.35%	0.029%
52	15.804	2174	2179	2183	rVB6	5859	10245	0.32%	0.027%
53	15.933	2196	2201	2209	rBV3	59414	126057	3.94%	0.327%
54	16.010	2211	2214	2217	rVB2	8916	10780	0.34%	0.028%
55	16.180	2240	2243	2247	rBV6	3647	4810	0.15%	0.012%
56	16.274	2256	2259	2260	rBV3	5327	5242	0.16%	0.014%
57	16.298	2261	2263	2266	rVV4	5136	6520	0.20%	0.017%
58	16.333	2266	2269	2273	rVB4	7823	11380	0.36%	0.030%
59	16.392	2275	2279	2283	rBV5	7626	8872	0.28%	0.023%
60	16.504	2295	2298	2301	rVB5	4531	3963	0.12%	0.010%
61	16.721	2329	2335	2339	rBV	45848	60072	1.88%	0.156%
62	16.774	2339	2344	2351	rVB2	28406	45666	1.43%	0.118%
63	16.986	2373	2380	2390	rBV	1846882	2515690	78.68%	6.527%
64	17.086	2390	2397	2406	rBV	2069987	2908857	90.98%	7.547%
65	17.263	2424	2427	2434	rVB7	8757	12156	0.38%	0.032%
66	17.327	2434	2438	2441	rBV5	4172	5735	0.18%	0.015%
67	17.374	2442	2446	2451	rBV4	8837	14055	0.44%	0.036%
68	17.463	2457	2461	2467	rBV	46422	54573	1.71%	0.142%
69	17.751	2505	2510	2513	rBV5	5959	9793	0.31%	0.025%
70	17.780	2513	2515	2518	rVB4	5418	4752	0.15%	0.012%
71	17.874	2526	2531	2541	rBV	195035	329253	10.30%	0.854%

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72	17.951	2542	2544	2551	rVB4	11620	19495	0.61%	0.051%
73	18.063	2558	2563	2566	rVB5	6155	10845	0.34%	0.028%
74	18.104	2567	2570	2573	rVV3	4577	5466	0.17%	0.014%
75	18.157	2576	2579	2584	rVB	38726	45212	1.41%	0.117%
76	18.674	2665	2667	2670	rBV4	4607	4219	0.13%	0.011%
77	18.739	2676	2678	2683	rBV6	4674	7042	0.22%	0.018%
78	18.798	2685	2688	2697	rVB	36423	46361	1.45%	0.120%
79	18.939	2709	2712	2713	rBV2	5310	5524	0.17%	0.014%
80	19.027	2723	2727	2737	rBV3	25518	49660	1.55%	0.129%
81	19.133	2743	2745	2748	rBV4	4444	4235	0.13%	0.011%
82	19.168	2748	2751	2758	rBV2	55791	92908	2.91%	0.241%
83	19.280	2767	2770	2774	rBV	13159	14277	0.45%	0.037%
84	19.392	2783	2789	2802	rBV	2416183	3197183	100.00%	8.295%
85	19.927	2877	2880	2885	rVB	35534	38319	1.20%	0.099%
86	20.427	2961	2965	2970	rBV5	28873	44613	1.40%	0.116%
87	20.898	3041	3045	3051	rBV2	112465	165481	5.18%	0.429%
88	21.192	3090	3095	3105	rBV	1724498	2318033	72.50%	6.014%
89	21.327	3115	3118	3122	rBV3	57660	72787	2.28%	0.189%
90	21.750	3188	3190	3193	rVB	64610	59196	1.85%	0.154%
91	22.203	3264	3267	3273	rVB	117551	138685	4.34%	0.360%
92	22.692	3347	3350	3355	rVB	155231	205520	6.43%	0.533%
93	23.256	3439	3446	3455	rBV	1439412	2639047	82.54%	6.847%
94	23.397	3464	3470	3481	rVB	1145200	2051965	64.18%	5.324%

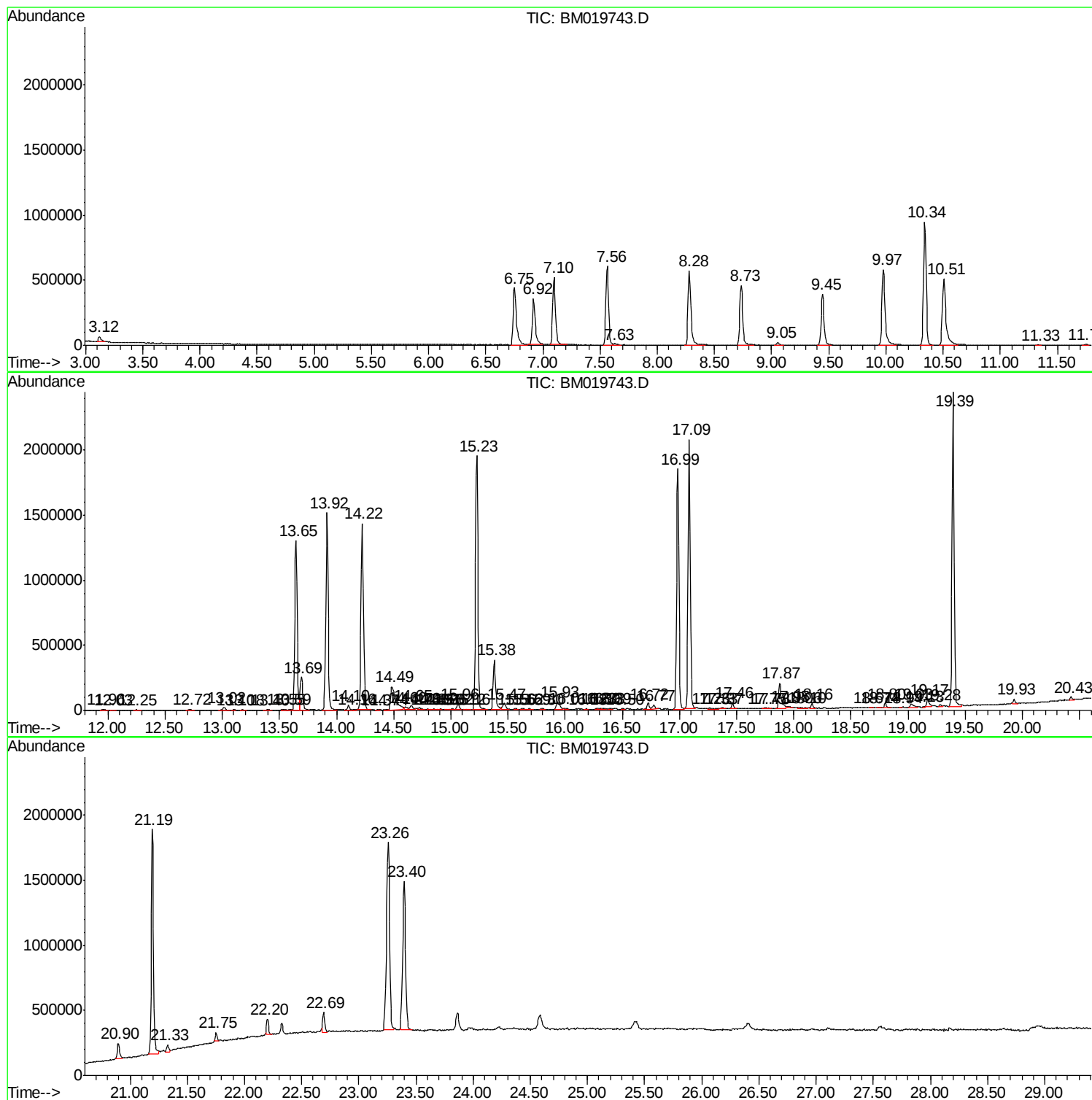
Sum of corrected areas: 38543235

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



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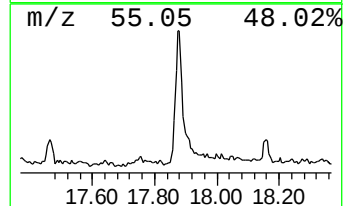
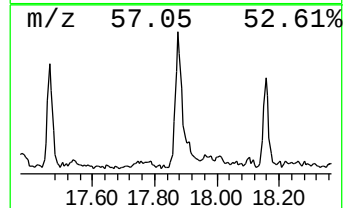
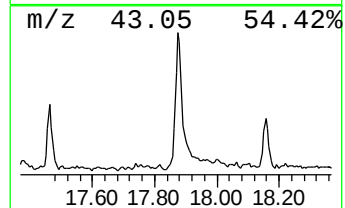
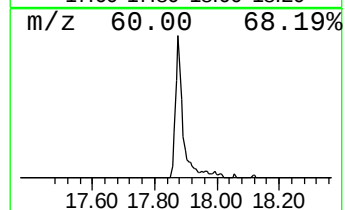
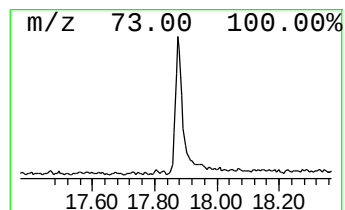
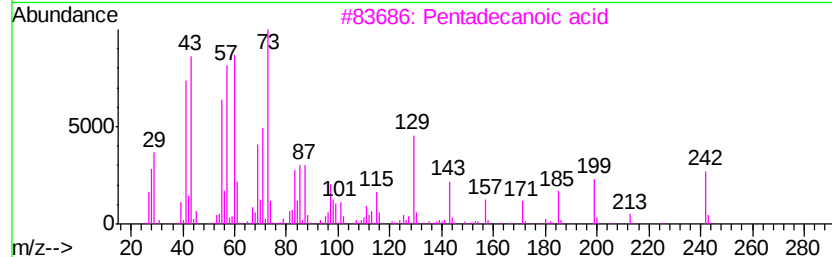
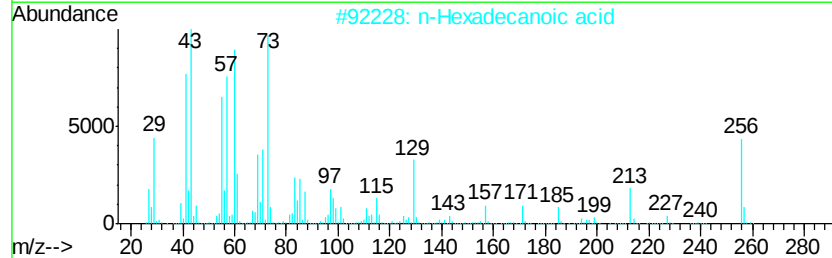
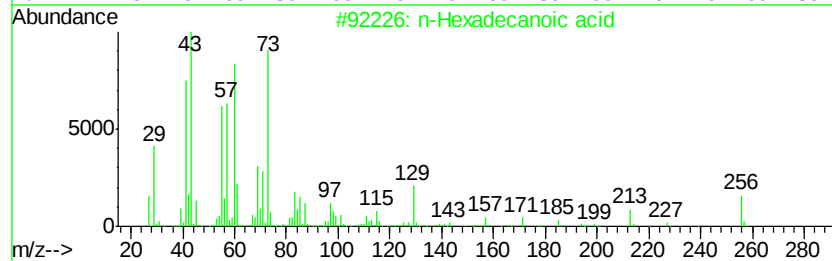
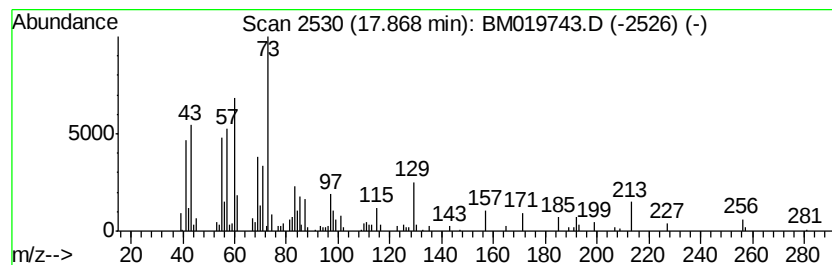
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.62 ng/ul	329253	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	89
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	80
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	64
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	58



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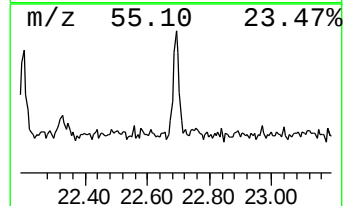
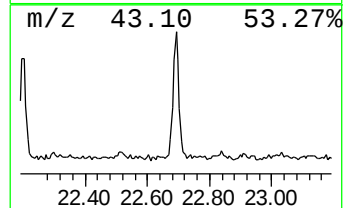
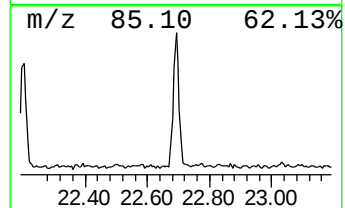
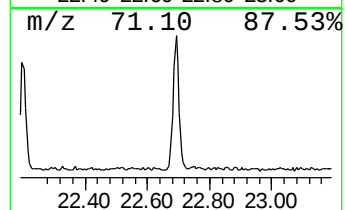
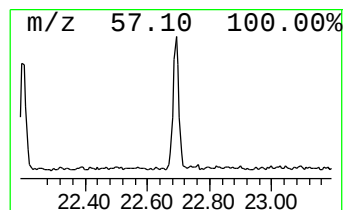
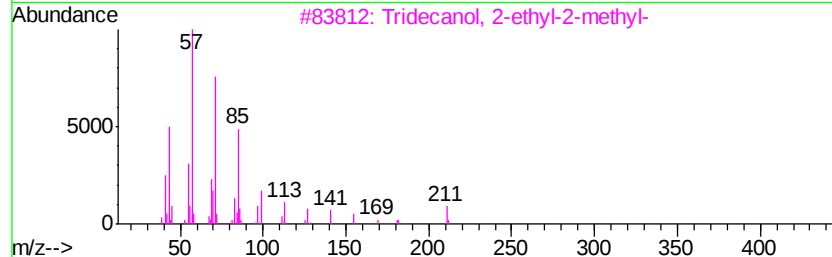
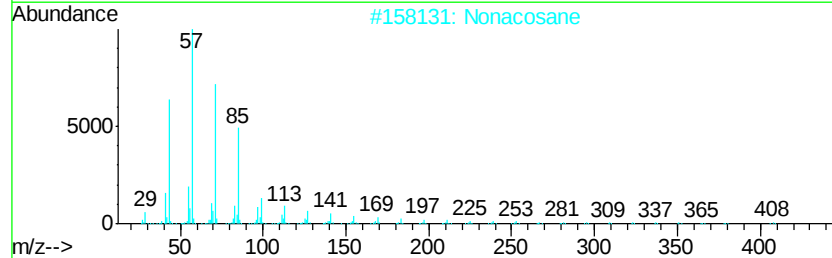
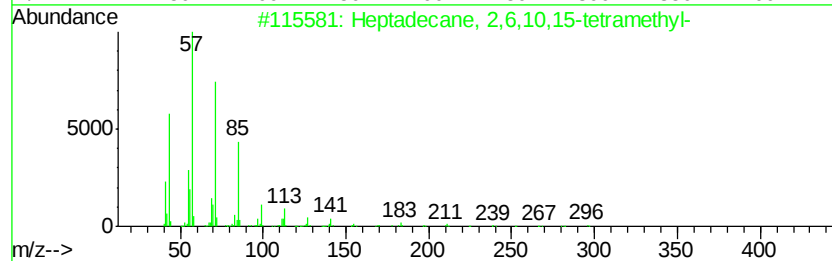
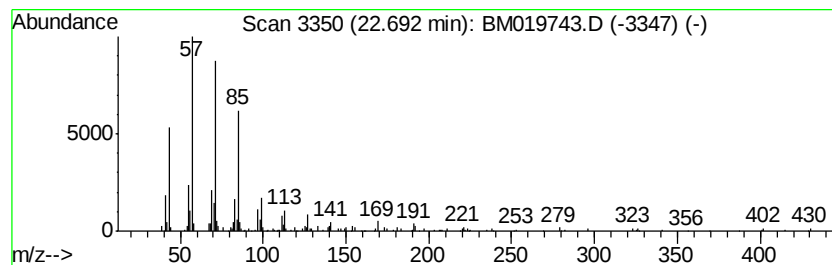
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.00 ng/ul	205520	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		triacontane	422	C30H62	000638-68-6	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.6	ng/ul	329253	4	16.99	2515690	20.0
(DEL) Alkane: Str...	22.69	2.0	ng/ul	205520	6	23.40	2051970	20.0