

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023837.D
 Acq On : 21 Nov 2019 19:55
 Operator : JU
 Sample : K5851-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

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-BM111119MA.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	3.057	26	29	37	rVB	39748	63393	1.16%	0.103%
2	3.563	111	115	121	rVB	30821	44519	0.81%	0.073%
3	3.675	130	134	141	rVV	40267	66773	1.22%	0.109%
4	3.763	145	149	154	rVB	47691	64544	1.18%	0.105%
5	4.687	299	306	316	rBV2	80914	170578	3.11%	0.278%
6	5.057	365	369	374	rVB4	12252	19601	0.36%	0.032%
7	5.187	386	391	400	rVB	50099	97800	1.78%	0.160%
8	5.528	445	449	450	rVV4	15418	19347	0.35%	0.032%
9	5.551	450	453	458	rVB5	23388	36790	0.67%	0.060%
10	6.022	529	533	537	rVB5	5918	8713	0.16%	0.014%
11	6.504	610	615	622	rVB3	7312	15388	0.28%	0.025%
12	6.616	631	634	639	rVB	16242	16517	0.30%	0.027%
13	6.704	639	649	663	rBV	680436	1194339	21.78%	1.950%
14	6.863	670	676	688	rBV	513805	883660	16.11%	1.443%
15	7.051	700	708	721	rBV	749585	1224838	22.33%	2.000%
16	7.163	721	727	734	rVB2	32337	60863	1.11%	0.099%
17	7.510	779	786	796	rBV	1165087	1829167	33.35%	2.986%
18	7.592	797	800	813	rVB5	16263	40842	0.74%	0.067%
19	8.057	876	879	884	rVB7	5871	10003	0.18%	0.016%
20	8.157	891	896	899	rBV5	9301	12694	0.23%	0.021%
21	8.228	902	908	919	rBV	649084	1107975	20.20%	1.809%
22	8.339	923	927	933	rVB	18246	32873	0.60%	0.054%
23	8.663	976	982	993	rVV	648382	1086899	19.82%	1.774%
24	8.745	993	996	1001	rVB6	12139	20060	0.37%	0.033%
25	9.110	1053	1058	1061	rBV4	14842	23302	0.42%	0.038%
26	9.380	1097	1104	1113	rBV	525152	891410	16.25%	1.455%
27	9.922	1188	1196	1208	rBV	834743	1484383	27.06%	2.423%
28	10.010	1208	1211	1216	rVB6	7645	16813	0.31%	0.027%
29	10.286	1250	1258	1273	rVB	1607637	2648036	48.28%	4.323%
30	10.433	1275	1283	1298	rBV	678524	1275414	23.25%	2.082%
31	11.480	1458	1461	1465	rBV6	8352	12586	0.23%	0.021%
32	11.745	1502	1506	1511	rVB5	9486	16041	0.29%	0.026%
33	11.886	1527	1530	1535	rVV	14529	25017	0.46%	0.041%
34	11.963	1537	1543	1551	rVV	31945	54143	0.99%	0.088%

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35	12.186	1576	1581	1585	rBV2	15333	23561	0.43%	0.038%
36	12.521	1634	1638	1642	rVB5	8013	12440	0.23%	0.020%
37	12.780	1677	1682	1686	rBV6	9357	13500	0.25%	0.022%
38	13.004	1715	1720	1727	rVB3	17465	33211	0.61%	0.054%
39	13.327	1771	1775	1777	rBV5	13669	19918	0.36%	0.033%
40	13.498	1797	1804	1808	rVB8	17081	32785	0.60%	0.054%
41	13.545	1808	1812	1814	rBV2	14236	15809	0.29%	0.026%
42	13.592	1814	1820	1824	rVV	1545100	2142452	39.06%	3.498%
43	13.639	1824	1828	1839	rVB	625294	869256	15.85%	1.419%
44	13.727	1839	1843	1847	rBV6	11151	14947	0.27%	0.024%
45	13.863	1858	1866	1878	rBV	1850583	2799022	51.03%	4.570%
46	14.098	1902	1906	1911	rBV3	13928	16301	0.30%	0.027%
47	14.168	1911	1918	1926	rBV	2343808	3572895	65.14%	5.833%
48	14.233	1926	1929	1932	rVV4	17436	26159	0.48%	0.043%
49	14.268	1932	1935	1938	rVB5	8286	12272	0.22%	0.020%
50	14.404	1952	1958	1974	rBV	331766	681629	12.43%	1.113%
51	14.574	1979	1987	1989	rVV6	23642	55384	1.01%	0.090%
52	14.610	1989	1993	2000	rVV	78168	142546	2.60%	0.233%
53	14.663	2000	2002	2006	rVB4	13719	14841	0.27%	0.024%
54	14.792	2020	2024	2030	rBV8	10874	18877	0.34%	0.031%
55	14.851	2032	2034	2038	rVB5	8669	10043	0.18%	0.016%
56	14.998	2057	2059	2065	rVV3	16326	25648	0.47%	0.042%
57	15.057	2065	2069	2073	rVB3	17003	22510	0.41%	0.037%
58	15.168	2082	2088	2095	rBV	2367117	3500783	63.83%	5.715%
59	15.227	2095	2098	2103	rVB3	26526	38696	0.71%	0.063%
60	15.310	2106	2112	2123	rVV	323164	482077	8.79%	0.787%
61	15.410	2126	2129	2133	rVB	28554	38139	0.70%	0.062%
62	15.557	2152	2154	2160	rVB6	7939	12883	0.23%	0.021%
63	15.921	2212	2216	2219	rBV5	19593	29546	0.54%	0.048%
64	16.027	2229	2234	2239	rBV3	19120	33053	0.60%	0.054%
65	16.092	2240	2245	2248	rVV5	19698	36745	0.67%	0.060%
66	16.151	2251	2255	2258	rVV6	20276	32379	0.59%	0.053%
67	16.186	2259	2261	2266	rVV6	10557	14625	0.27%	0.024%
68	16.233	2266	2269	2273	rVV6	8445	12977	0.24%	0.021%
69	16.286	2274	2278	2282	rVB7	15743	26841	0.49%	0.044%
70	16.357	2283	2290	2296	rBV7	15608	34981	0.64%	0.057%
71	16.415	2296	2300	2302	rBV3	8320	11864	0.22%	0.019%

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72	16.451	2302	2306	2307	rVV4	13812	15210	0.28%	0.025%
73	16.480	2307	2311	2318	rVB2	52995	84153	1.53%	0.137%
74	16.586	2326	2329	2331	rBV3	9671	11714	0.21%	0.019%
75	16.662	2338	2342	2345	rBV6	8356	13905	0.25%	0.023%
76	16.704	2345	2349	2354	rBV3	104036	158246	2.89%	0.258%
77	16.809	2364	2367	2371	rVB4	24374	30523	0.56%	0.050%
78	16.921	2380	2386	2391	rBV	3044123	4312223	78.62%	7.040%
79	16.962	2391	2393	2398	rVV	236266	315915	5.76%	0.516%
80	17.021	2398	2403	2414	rVV	2718120	3902200	71.15%	6.371%
81	17.127	2417	2421	2426	rVB7	36657	63048	1.15%	0.103%
82	17.198	2431	2433	2434	rBV2	11051	9011	0.16%	0.015%
83	17.333	2454	2456	2462	rVB	35690	45378	0.83%	0.074%
84	17.451	2473	2476	2479	rBV4	19911	20230	0.37%	0.033%
85	17.633	2504	2507	2515	rVB6	29682	53355	0.97%	0.087%
86	17.715	2519	2521	2526	rBV6	12239	21178	0.39%	0.035%
87	17.803	2532	2536	2539	rBV3	26325	35298	0.64%	0.058%
88	17.845	2539	2543	2551	rBV2	334303	503666	9.18%	0.822%
89	17.998	2564	2569	2572	rVV4	38615	61354	1.12%	0.100%
90	18.033	2572	2575	2580	rVB5	21718	31868	0.58%	0.052%
91	18.151	2591	2595	2601	rVB5	46278	67794	1.24%	0.111%
92	18.721	2689	2692	2693	rBV3	25046	26234	0.48%	0.043%
93	18.956	2730	2732	2733	rBV2	29907	26498	0.48%	0.043%
94	18.992	2734	2738	2744	rVB	394743	518634	9.46%	0.847%
95	19.139	2759	2763	2768	rBV4	110191	184612	3.37%	0.301%
96	19.327	2789	2795	2810	rBV	3670332	5484583	100.00%	8.954%
97	20.868	3054	3057	3063	rBV	548688	685434	12.50%	1.119%
98	21.127	3096	3101	3106	rBV	3914255	5201694	94.84%	8.492%
99	23.144	3439	3444	3450	rBV	2743787	4741279	86.45%	7.741%
100	23.285	3462	3468	3475	rVB	2888339	5169070	94.25%	8.439%

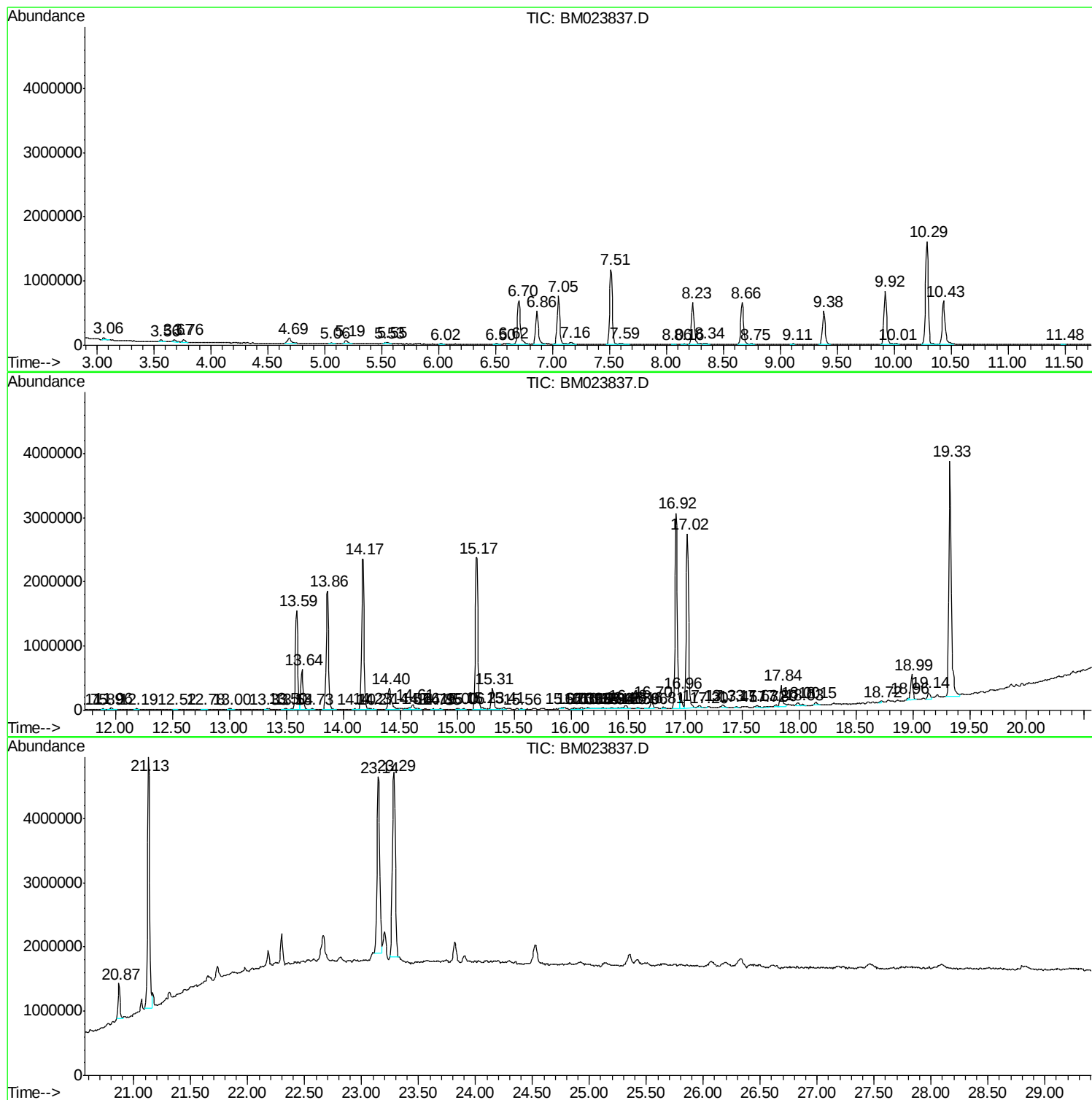
Sum of corrected areas: 61251223

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



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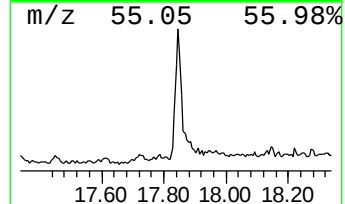
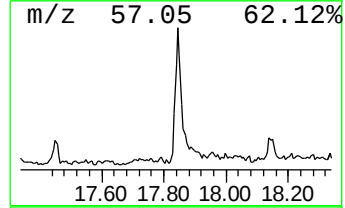
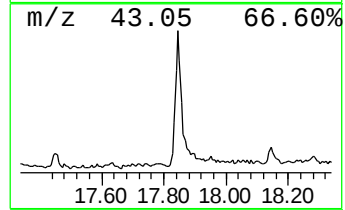
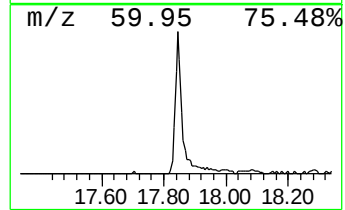
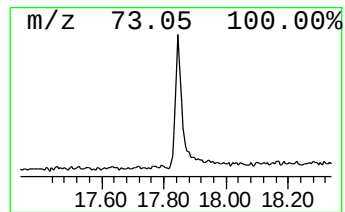
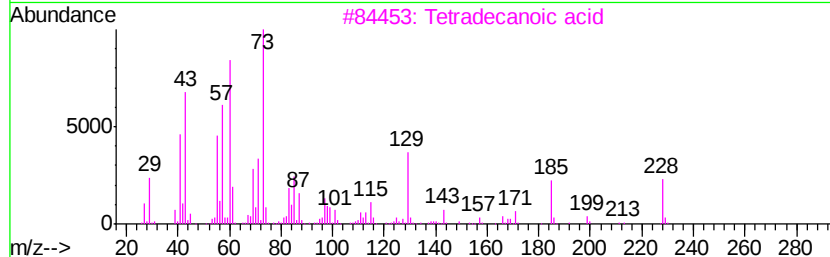
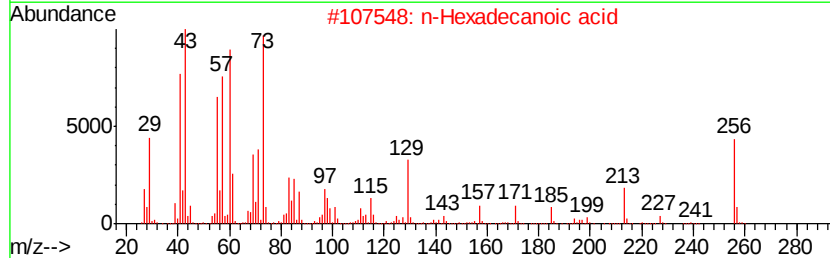
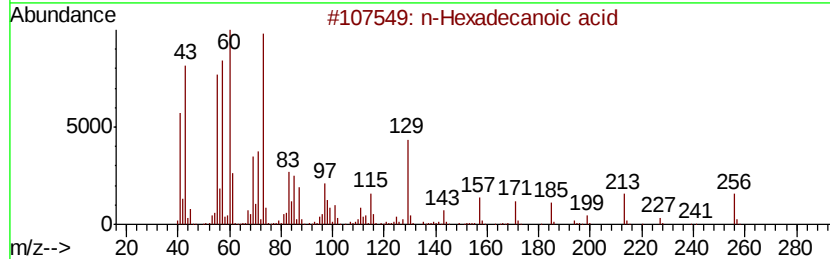
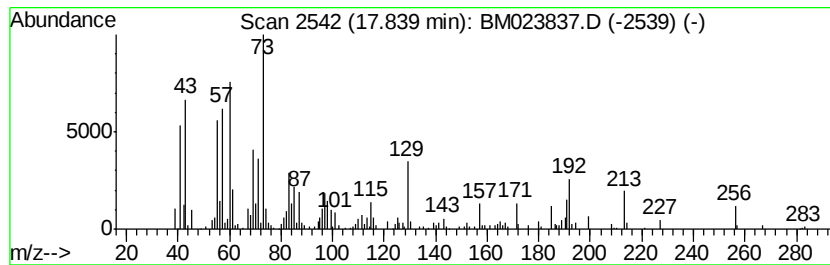
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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.		
17.84	2.34 ng/ul	503666	Phenanthrene-d10	16.92		
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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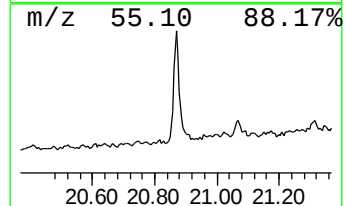
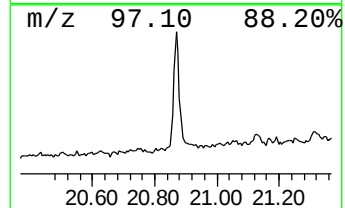
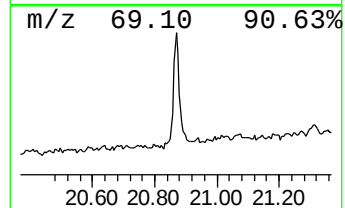
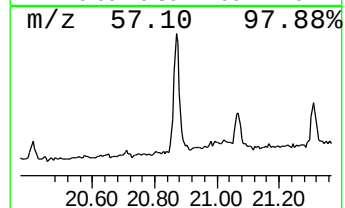
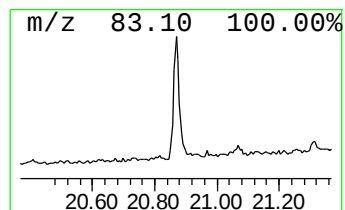
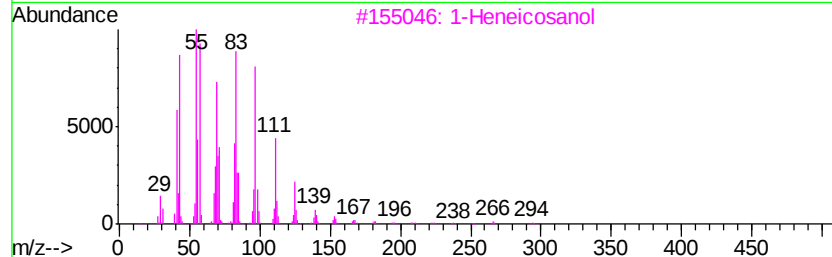
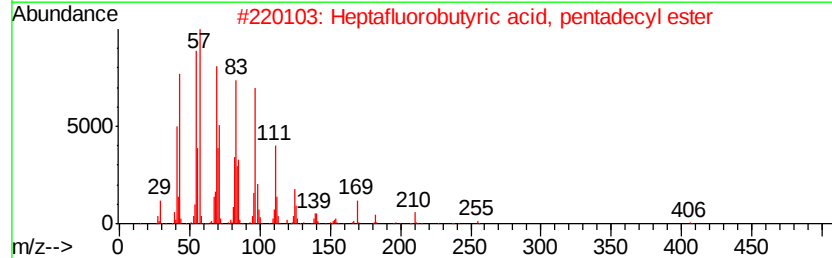
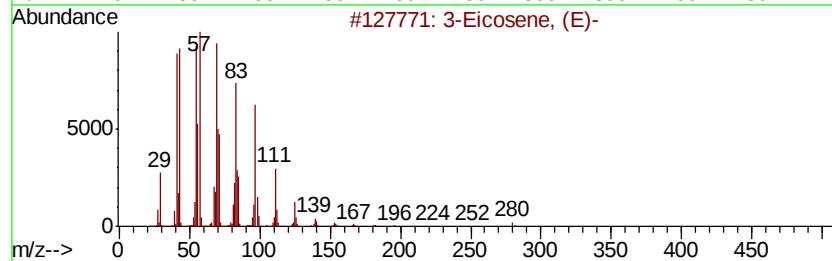
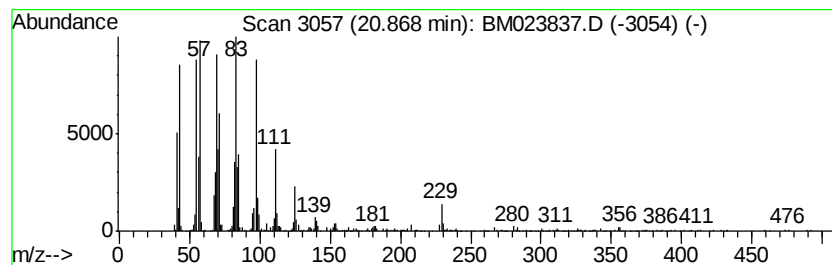
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.64 ng/ul	685434	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3		1-Heneicosanol	312	C21H44O	015594-90-8	90
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	89
5		13-Methyl-Z-14-nonacosene	420	C30H60	1000131-19-0	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	2.3	ng/ul	503666	4	16.92	4312220	20.0
(DEL) Alkane: Cyc...	20.87	2.6	ng/ul	685434	5	21.13	5201690	20.0