

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022941.D
 Acq On : 04 Oct 2019 04:14
 Operator : JU
 Sample : K4988-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNY7

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-BM092719MA.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	3.263	45	47	57	rVB	34124	47565	1.70%	0.124%
2	3.687	116	119	125	rVB	13952	16733	0.60%	0.043%
3	3.781	131	135	143	rVV	53311	70594	2.52%	0.183%
4	3.852	144	147	151	rVV2	7061	9582	0.34%	0.025%
5	3.910	152	157	163	rVB	49652	72796	2.60%	0.189%
6	3.999	169	172	176	rVB	10404	11722	0.42%	0.030%
7	4.099	185	189	195	rVB	15039	21152	0.75%	0.055%
8	4.375	231	236	239	rBV4	4826	7656	0.27%	0.020%
9	4.452	245	249	254	rVB2	9903	13980	0.50%	0.036%
10	4.552	263	266	270	rVB4	6413	9174	0.33%	0.024%
11	4.916	324	328	334	rBV	34521	49700	1.77%	0.129%
12	5.040	346	349	354	rVB2	9105	13753	0.49%	0.036%
13	6.187	539	544	550	rVB	13866	19959	0.71%	0.052%
14	6.469	587	592	598	rBV4	5400	9792	0.35%	0.025%
15	6.963	668	676	688	rBV2	553982	1031204	36.76%	2.680%
16	7.128	698	704	721	rBV	434780	697202	24.86%	1.812%
17	7.328	731	738	746	rVB	613976	951015	33.91%	2.472%
18	7.428	751	755	760	rVB3	7232	11311	0.40%	0.029%
19	7.793	808	817	826	rBV	794885	1252063	44.64%	3.254%
20	7.863	826	829	836	rVB2	6730	10970	0.39%	0.029%
21	8.498	929	937	947	rBV	504343	817890	29.16%	2.126%
22	8.622	952	958	964	rVB	16308	27951	1.00%	0.073%
23	8.945	1007	1013	1023	rBV	520823	872491	31.11%	2.268%
24	9.028	1023	1027	1031	rVB2	5587	7880	0.28%	0.020%
25	9.392	1085	1089	1093	rVB2	16482	23468	0.84%	0.061%
26	9.669	1128	1136	1143	rBV	429244	691474	24.65%	1.797%
27	10.210	1220	1228	1237	rBV	680087	1114887	39.75%	2.898%
28	10.363	1247	1254	1264	rVB	42509	74253	2.65%	0.193%
29	10.586	1280	1292	1298	rBV	1077577	1816899	64.78%	4.722%
30	10.634	1298	1300	1305	rVB2	16862	20522	0.73%	0.053%
31	10.716	1305	1314	1334	rBV	398532	751439	26.79%	1.953%
32	11.622	1463	1468	1473	rBV5	5503	9838	0.35%	0.026%
33	12.022	1531	1536	1543	rVB2	12582	19989	0.71%	0.052%
34	12.175	1556	1562	1567	rBV	10301	16612	0.59%	0.043%

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35	12.251	1571	1575	1578	rVV2	6120	8752	0.31%	0.023%
36	12.980	1691	1699	1704	rVB4	6541	12377	0.44%	0.032%
37	13.263	1741	1747	1751	rBV3	16570	28689	1.02%	0.075%
38	13.316	1751	1756	1767	rVB3	21621	44550	1.59%	0.116%
39	13.451	1773	1779	1785	rBV3	6936	11802	0.42%	0.031%
40	13.757	1825	1831	1836	rVB4	5377	7866	0.28%	0.020%
41	13.839	1839	1845	1849	rVV	1092962	1448325	51.64%	3.764%
42	13.886	1849	1853	1858	rVV	321060	432406	15.42%	1.124%
43	13.927	1858	1860	1864	rVB2	11305	11794	0.42%	0.031%
44	14.057	1875	1882	1884	rBV3	4647	8106	0.29%	0.021%
45	14.122	1884	1893	1904	rVV	1302896	1936469	69.04%	5.033%
46	14.339	1926	1930	1935	rVB	17159	22900	0.82%	0.060%
47	14.433	1938	1946	1952	rVV2	1497901	2210367	78.80%	5.745%
48	14.492	1952	1956	1961	rVB	27907	41258	1.47%	0.107%
49	14.633	1972	1980	1994	rBV	235856	399667	14.25%	1.039%
50	14.780	2000	2005	2009	rBV3	15422	22746	0.81%	0.059%
51	14.845	2009	2016	2022	rVB2	39417	69486	2.48%	0.181%
52	15.292	2087	2092	2096	rVB	16237	20812	0.74%	0.054%
53	15.421	2108	2114	2120	rBV	1577334	2226491	79.38%	5.787%
54	15.480	2120	2124	2129	rVB2	48614	63846	2.28%	0.166%
55	15.539	2129	2134	2142	rBV	222478	311844	11.12%	0.811%
56	15.663	2148	2155	2158	rBV2	14472	23640	0.84%	0.061%
57	15.692	2158	2160	2164	rVB2	10153	12144	0.43%	0.032%
58	15.774	2170	2174	2179	rVB3	6234	12192	0.43%	0.032%
59	15.910	2194	2197	2206	rVB4	8902	15816	0.56%	0.041%
60	16.151	2234	2238	2240	rBV2	18179	23922	0.85%	0.062%
61	16.174	2240	2242	2245	rVB	15781	17795	0.63%	0.046%
62	16.327	2265	2268	2271	rVB3	6715	7617	0.27%	0.020%
63	16.574	2307	2310	2315	rVB4	5851	8107	0.29%	0.021%
64	16.715	2329	2334	2338	rBV2	18635	25805	0.92%	0.067%
65	16.821	2349	2352	2359	rVB3	9842	18596	0.66%	0.048%
66	16.939	2368	2372	2377	rBV3	11735	18309	0.65%	0.048%
67	16.992	2377	2381	2387	rVB2	23310	32975	1.18%	0.086%
68	17.068	2391	2394	2398	rVB4	9559	13758	0.49%	0.036%
69	17.168	2401	2411	2415	rBV2	1627676	2250647	80.24%	5.850%
70	17.210	2415	2418	2423	rVB	353181	459419	16.38%	1.194%
71	17.268	2423	2428	2433	rBV	1446718	2038235	72.67%	5.298%

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72	17.363	2442	2444	2450	rVB4	7542	7914	0.28%	0.021%
73	17.568	2472	2479	2484	rBV	37406	65093	2.32%	0.169%
74	17.680	2494	2498	2505	rVB3	11639	19208	0.68%	0.050%
75	17.951	2540	2544	2548	rBV5	9720	13009	0.46%	0.034%
76	18.010	2550	2554	2557	rBV	71396	93493	3.33%	0.243%
77	18.068	2557	2564	2573	rVB2	198984	349767	12.47%	0.909%
78	18.239	2588	2593	2597	rBV2	58119	93234	3.32%	0.242%
79	18.274	2597	2599	2605	rVB	18986	22647	0.81%	0.059%
80	18.368	2612	2615	2616	rBV	12719	13592	0.48%	0.035%
81	18.392	2616	2619	2624	rVB4	24685	35486	1.27%	0.092%
82	18.498	2634	2637	2640	rVB2	16703	16793	0.60%	0.044%
83	18.545	2640	2645	2649	rVV	30964	40327	1.44%	0.105%
84	18.580	2649	2651	2657	rVB5	18888	23328	0.83%	0.061%
85	18.962	2712	2716	2720	rBV2	24140	36444	1.30%	0.095%
86	19.009	2720	2724	2730	rVV6	16314	28256	1.01%	0.073%
87	19.057	2730	2732	2736	rVV4	11511	14378	0.51%	0.037%
88	19.104	2736	2740	2748	rVB2	28360	50827	1.81%	0.132%
89	19.227	2753	2761	2769	rVB	662905	883230	31.49%	2.296%
90	19.345	2779	2781	2784	rVB2	22654	22295	0.79%	0.058%
91	19.562	2812	2818	2821	rBV	1917862	2720826	97.00%	7.072%
92	20.086	2903	2907	2910	rBV2	67258	86976	3.10%	0.226%
93	20.186	2920	2924	2927	rBV2	58559	75201	2.68%	0.195%
94	21.062	3070	3073	3080	rVB3	355997	456253	16.27%	1.186%
95	21.345	3115	3121	3125	rBV2	1861551	2804922	100.00%	7.290%
96	21.386	3125	3128	3132	rVB	280958	348746	12.43%	0.906%
97	22.927	3386	3390	3394	rBV	370435	652312	23.26%	1.695%
98	23.462	3476	3481	3486	rBV	1220776	2219985	79.15%	5.770%
99	23.609	3500	3506	3512	rBV	1294787	2366394	84.37%	6.151%

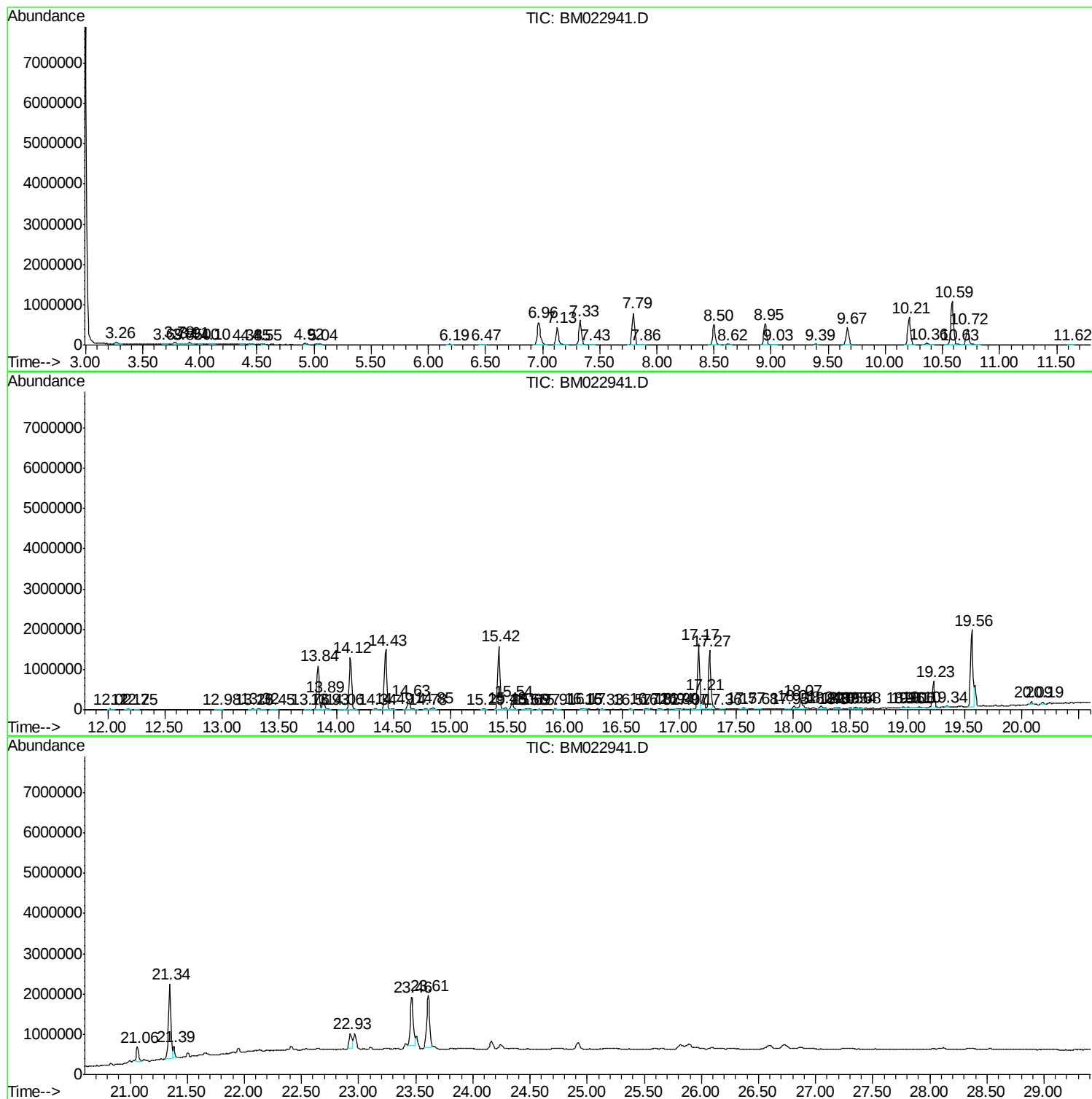
Sum of corrected areas: 38473982

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



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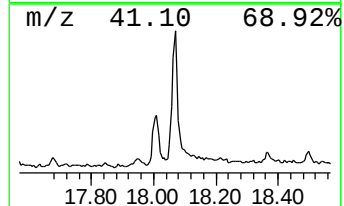
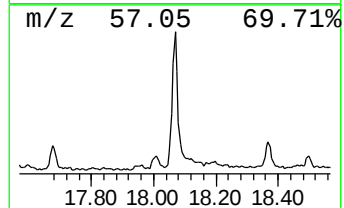
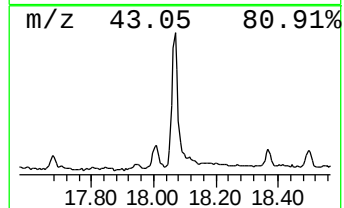
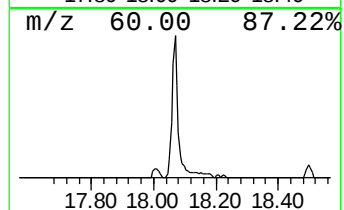
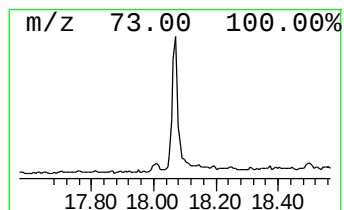
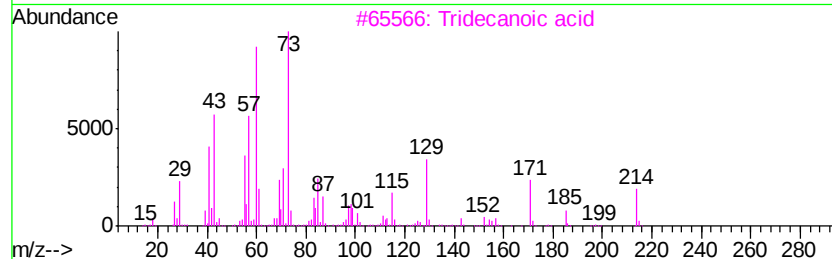
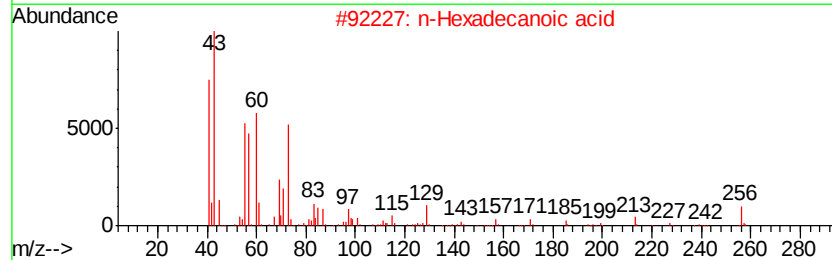
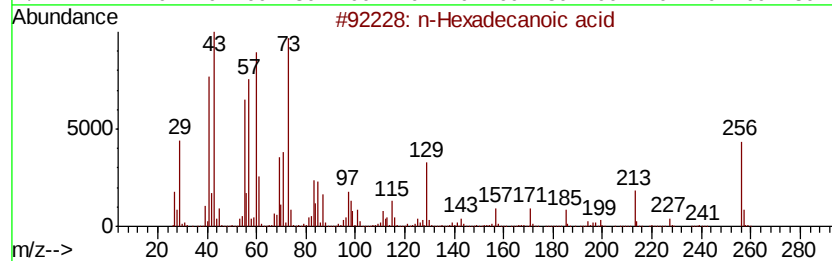
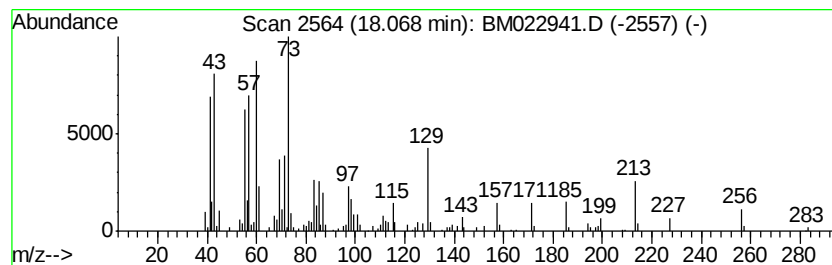
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.07	3.11 ng/ul	349767	Phenanthrene-d10	17.17	
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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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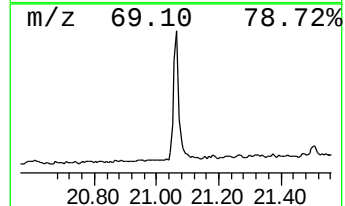
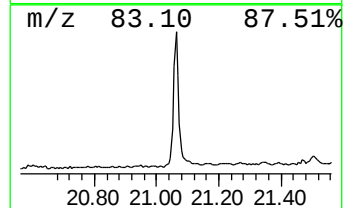
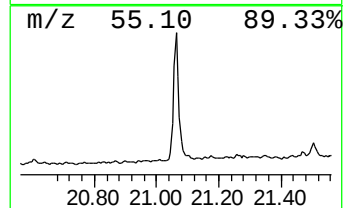
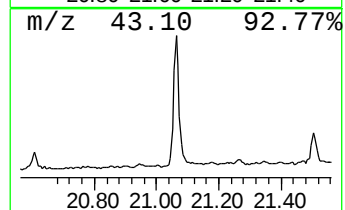
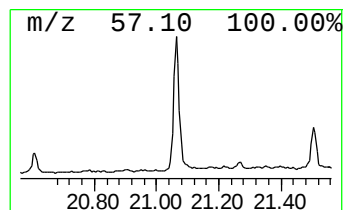
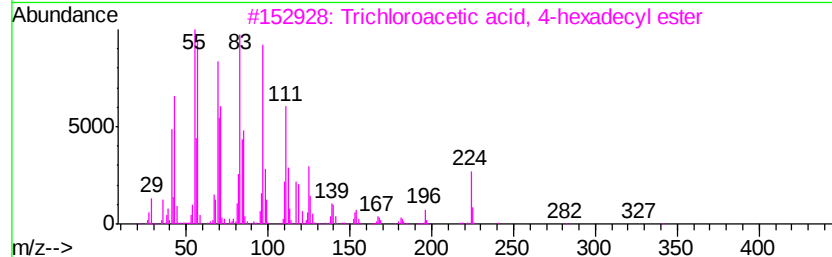
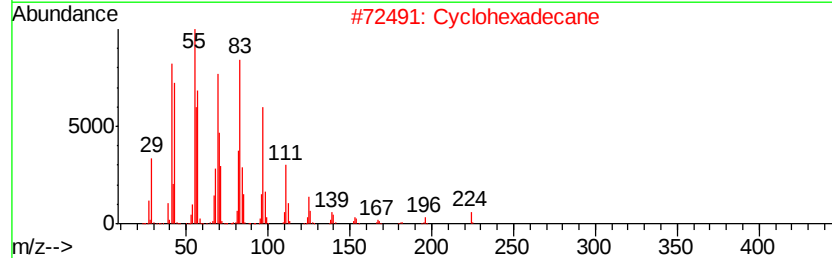
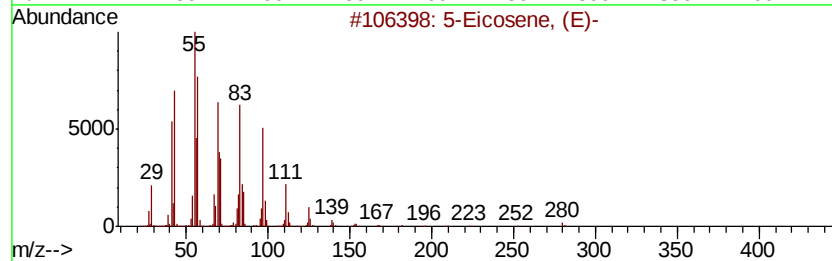
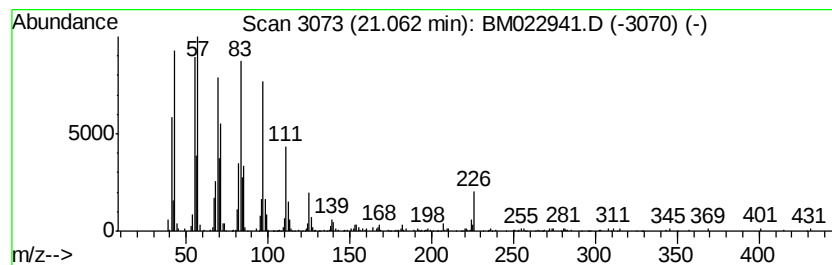
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.06	3.25 ng/ul	456253	Chrysene-d12	21.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	97
2	Cyclohexadecane		224	C16H32	000295-65-8	94
3	Trichloroacetic acid, 4-hexadecyl...		386	C18H33Cl3O2	1000282-92-4	94
4	Heptafluorobutanoic acid, heptadecyl...		452	C21H35F7O2	1000282-97-3	94
5	2-Chloropropionic acid, octadecyl...		360	C21H41ClO2	088104-31-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.07	3.1	ng/ul	349767	4	17.17	2250650	20.0
(DEL) Alkane: Cyc...	21.06	3.3	ng/ul	456253	5	21.35	2804920	20.0