

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000497.D
 Acq On : 20 Mar 2018 17:53
 Operator : JU/SJ
 Sample : J1967-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED2

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.590	22	26	36	rVB	85203	119901	2.07%	0.163%
2	3.902	75	79	86	rBV2	9632	17053	0.29%	0.023%
3	5.408	329	335	340	rVB2	10170	15443	0.27%	0.021%
4	6.420	502	507	515	rBV	68629	103408	1.78%	0.141%
5	6.572	528	533	538	rVB4	9214	15913	0.27%	0.022%
6	7.361	661	667	675	rBV8	5131	12127	0.21%	0.016%
7	7.484	683	688	692	rBV	17392	22589	0.39%	0.031%
8	7.549	692	699	716	rVB	1381513	2448270	42.17%	3.327%
9	7.719	721	728	739	rBV	1210817	1901437	32.75%	2.584%
10	7.819	741	745	749	rVB	6347	9895	0.17%	0.013%
11	7.937	758	765	773	rBV	1386911	2270097	39.10%	3.085%
12	8.414	839	846	859	rBV	955461	1579911	27.21%	2.147%
13	9.119	958	966	976	rBV	1715752	2864649	49.34%	3.893%
14	9.596	1039	1047	1056	rBV	1347759	2240257	38.58%	3.045%
15	9.678	1056	1061	1067	rVV4	10027	24699	0.43%	0.034%
16	9.731	1067	1070	1076	rVB2	4151	7841	0.14%	0.011%
17	9.955	1100	1108	1115	rVB	46044	66075	1.14%	0.090%
18	10.325	1162	1171	1181	rBV	1098688	1870061	32.21%	2.542%
19	10.866	1255	1263	1273	rBV	1675143	2844602	48.99%	3.866%
20	11.255	1320	1329	1338	rVB	1391243	2320551	39.97%	3.154%
21	11.384	1342	1351	1363	rBV	1532965	2715726	46.77%	3.691%
22	12.055	1461	1465	1469	rBV2	4116	6733	0.12%	0.009%
23	12.437	1525	1530	1534	rVB	16928	22599	0.39%	0.031%
24	12.631	1557	1563	1568	rBV5	5250	8454	0.15%	0.011%
25	12.684	1568	1572	1577	rVB	4323	6896	0.12%	0.009%
26	12.813	1589	1594	1599	rBV2	32069	46215	0.80%	0.063%
27	13.625	1727	1732	1739	rBV	8241	12007	0.21%	0.016%
28	13.831	1760	1767	1773	rBV	24664	35476	0.61%	0.048%
29	13.902	1773	1779	1786	rVV3	7853	14721	0.25%	0.020%
30	14.343	1850	1854	1859	rBV5	4258	7819	0.13%	0.011%
31	14.425	1859	1868	1872	rVV	2820219	3976828	68.49%	5.405%
32	14.466	1872	1875	1881	rVV	715822	960293	16.54%	1.305%
33	14.519	1881	1884	1891	rVB3	11731	17414	0.30%	0.024%
34	14.596	1892	1897	1901	rBV2	8255	10563	0.18%	0.014%

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35	14.672	1901	1910	1911	rBV5	7075	16933	0.29%	0.023%
36	14.731	1914	1920	1928	rBV	3299096	5095133	87.75%	6.925%
37	14.890	1941	1947	1952	rVV	111491	141688	2.44%	0.193%
38	14.960	1955	1959	1965	rBV4	9093	17302	0.30%	0.024%
39	15.037	1965	1972	1979	rVV2	1855339	2891124	49.79%	3.929%
40	15.101	1979	1983	1988	rVB5	3490	6489	0.11%	0.009%
41	15.207	1994	2001	2016	rBV	1298444	1911238	32.92%	2.598%
42	15.331	2017	2022	2027	rVV6	13998	34290	0.59%	0.047%
43	15.378	2027	2030	2036	rVV3	17041	29662	0.51%	0.040%
44	15.437	2036	2040	2046	rVB3	14861	21018	0.36%	0.029%
45	15.496	2046	2050	2058	rBV2	25693	47229	0.81%	0.064%
46	15.566	2058	2062	2066	rVV2	17191	22826	0.39%	0.031%
47	15.607	2066	2069	2075	rVB7	5813	10523	0.18%	0.014%
48	15.725	2083	2089	2094	rBV4	6407	14345	0.25%	0.019%
49	15.784	2094	2099	2102	rBV	29274	39372	0.68%	0.054%
50	15.831	2102	2107	2112	rVB	154638	200198	3.45%	0.272%
51	15.890	2112	2117	2120	rBV4	10095	16773	0.29%	0.023%
52	15.931	2120	2124	2131	rVB6	7770	17035	0.29%	0.023%
53	16.019	2131	2139	2145	rBV	3937421	5806199	100.00%	7.891%
54	16.131	2152	2158	2168	rBV	1143665	1632348	28.11%	2.219%
55	16.248	2168	2178	2185	rVV3	53650	171393	2.95%	0.233%
56	16.325	2188	2191	2196	rVV3	12399	17602	0.30%	0.024%
57	16.378	2197	2200	2208	rVB3	16846	27148	0.47%	0.037%
58	16.448	2208	2212	2216	rBV3	20556	24696	0.43%	0.034%
59	16.537	2222	2227	2230	rBV5	4645	9733	0.17%	0.013%
60	16.643	2239	2245	2247	rBV4	13650	25893	0.45%	0.035%
61	16.684	2247	2252	2260	rVB	135920	217869	3.75%	0.296%
62	16.872	2281	2284	2288	rVB	13364	16499	0.28%	0.022%
63	16.966	2295	2300	2305	rVB	43241	59853	1.03%	0.081%
64	17.019	2305	2309	2314	rBV3	12114	23859	0.41%	0.032%
65	17.084	2317	2320	2323	rVB2	11064	10927	0.19%	0.015%
66	17.119	2323	2326	2332	rVB2	20172	35121	0.60%	0.048%
67	17.184	2334	2337	2344	rVB2	16153	23150	0.40%	0.031%
68	17.254	2344	2349	2351	rBV2	10867	16003	0.28%	0.022%
69	17.348	2362	2365	2374	rVB6	11594	19025	0.33%	0.026%
70	17.466	2381	2385	2390	rBV	67431	81194	1.40%	0.110%
71	17.519	2390	2394	2397	rBV2	14393	21408	0.37%	0.029%

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72	17.760	2425	2435	2445	rBV	2077964	3061101	52.72%	4.160%
73	17.860	2445	2452	2460	rVV2	3981453	5784858	99.63%	7.862%
74	17.937	2463	2465	2471	rVB7	4814	7676	0.13%	0.010%
75	18.078	2486	2489	2493	rBV6	4686	8748	0.15%	0.012%
76	18.125	2495	2497	2501	rVB	8650	8911	0.15%	0.012%
77	18.201	2506	2510	2515	rBV2	14173	18092	0.31%	0.025%
78	18.378	2537	2540	2545	rVB6	6633	10607	0.18%	0.014%
79	18.595	2572	2577	2589	rBV	471784	738245	12.71%	1.003%
80	18.807	2610	2613	2616	rVB4	6349	6392	0.11%	0.009%
81	18.878	2622	2625	2629	rBV5	4913	8258	0.14%	0.011%
82	18.919	2629	2632	2637	rVB2	16698	20832	0.36%	0.028%
83	19.007	2644	2647	2652	rVB7	6185	7838	0.13%	0.011%
84	19.354	2703	2706	2709	rVB2	11292	12618	0.22%	0.017%
85	19.442	2718	2721	2728	rVB7	7135	12202	0.21%	0.017%
86	19.501	2728	2731	2736	rVB5	5539	7771	0.13%	0.011%
87	19.748	2768	2773	2777	rVB	49822	66859	1.15%	0.091%
88	19.842	2785	2789	2800	rBV	85705	159304	2.74%	0.217%
89	20.001	2809	2816	2820	rBV	45027	63687	1.10%	0.087%
90	20.113	2829	2835	2842	rBV2	4232652	5695053	98.09%	7.740%
91	20.972	2979	2981	2987	rVB3	28631	35310	0.61%	0.048%
92	21.078	2996	2999	3002	rBV3	20134	26834	0.46%	0.036%
93	21.113	3003	3005	3010	rVB5	19717	24936	0.43%	0.034%
94	21.542	3073	3078	3097	rBV2	378847	870956	15.00%	1.184%
95	21.878	3130	3135	3143	rBV2	1893706	2524777	43.48%	3.431%
96	22.966	3316	3320	3326	rBV2	61260	94681	1.63%	0.129%
97	23.530	3411	3416	3422	rVB2	78092	129629	2.23%	0.176%
98	24.201	3519	3530	3540	rVB2	1960968	4423154	76.18%	6.012%
99	24.360	3549	3557	3567	rVB2	1081030	2232861	38.46%	3.035%
100	24.889	3642	3647	3653	rVB	73877	145049	2.50%	0.197%

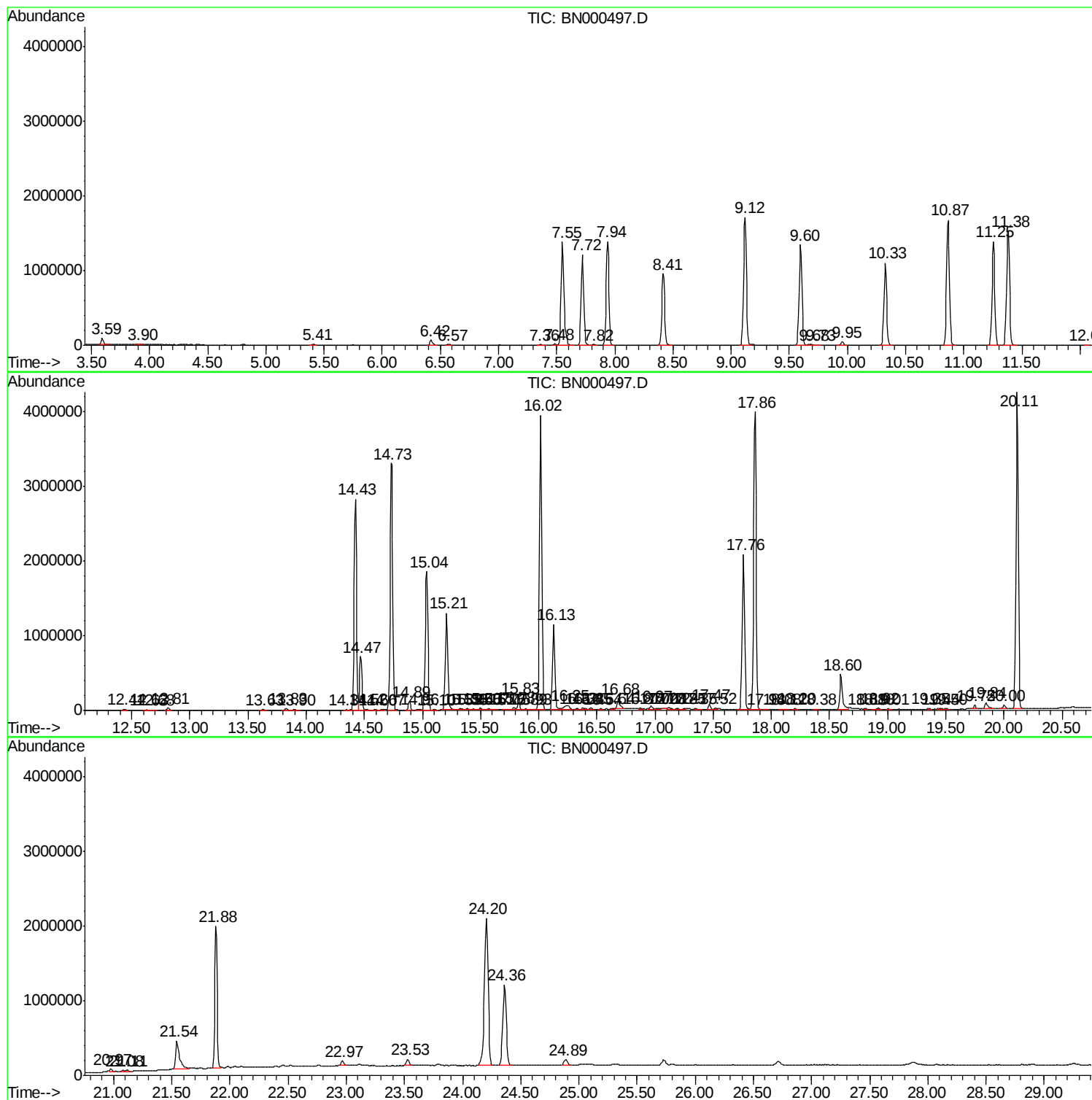
Sum of corrected areas: 73576860

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Quant Title : SVOA CALIBRATION

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



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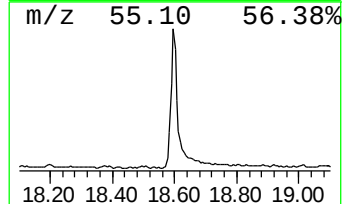
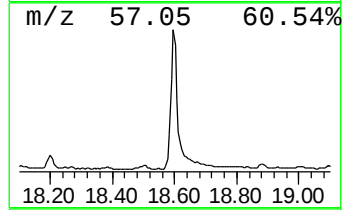
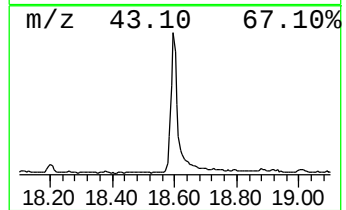
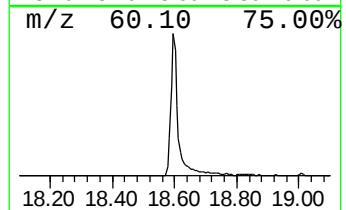
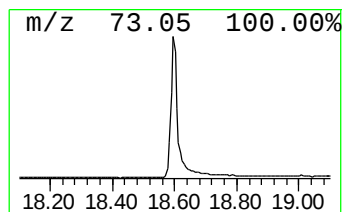
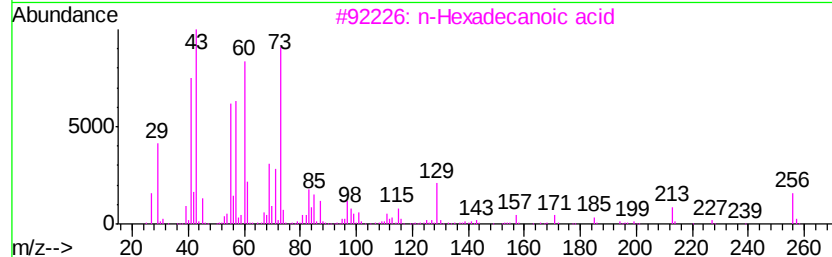
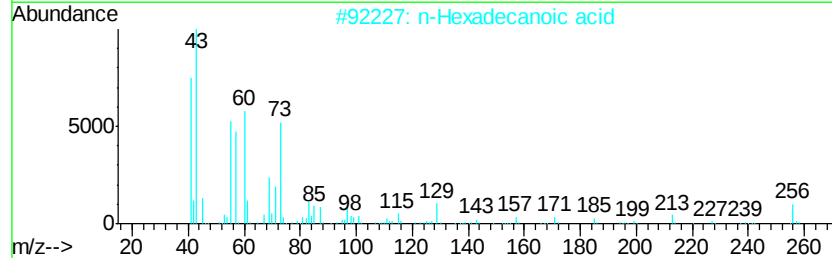
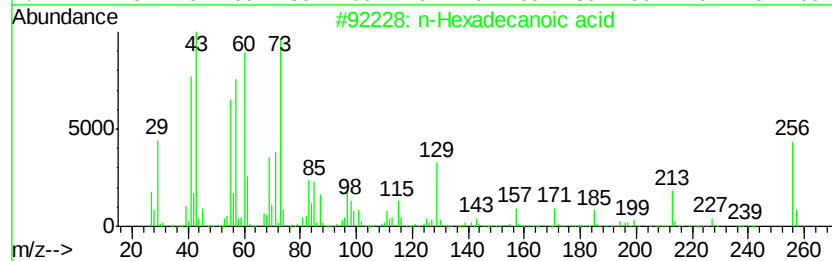
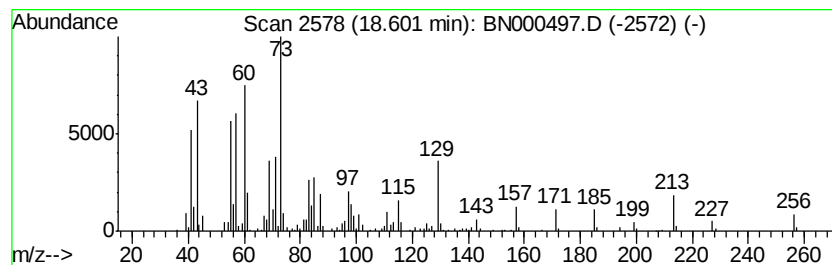
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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.		
18.60	4.82 ng/ul	738245	Phenanthrene-d10	17.76		
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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64	



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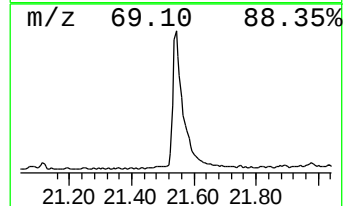
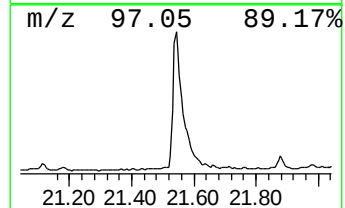
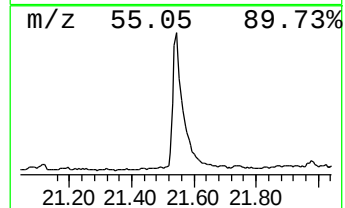
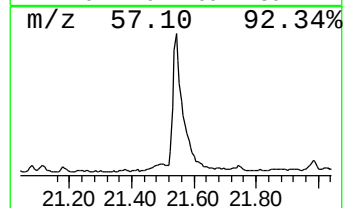
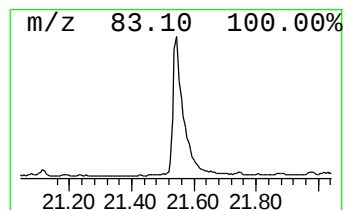
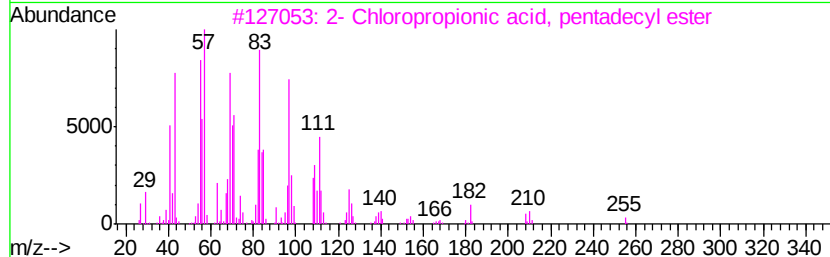
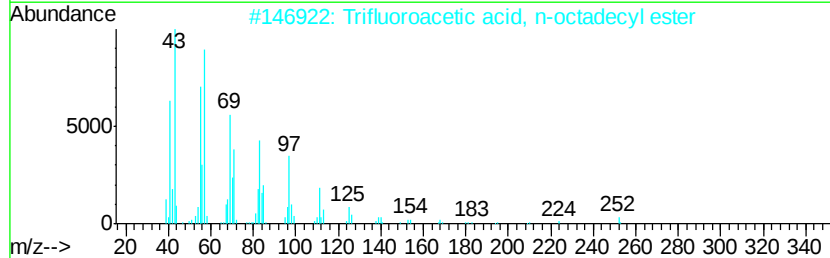
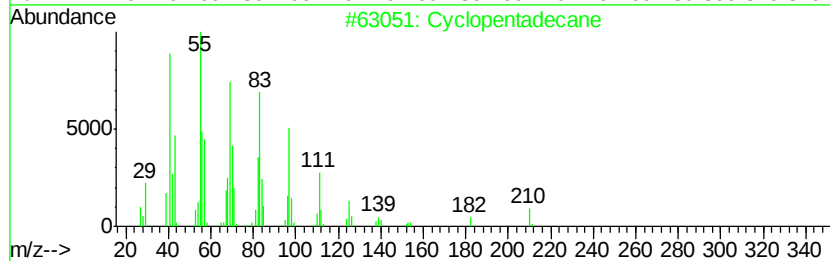
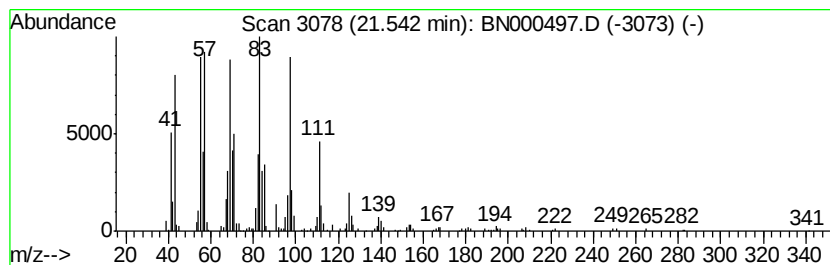
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic21.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.54	6.90 ng/ul	870956	Chrysene-d12	21.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91
3	2- Chloropropionic acid, pentadecyl ester	318	C18H35ClO2	1000292-44-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.60	4.8	ng/ul	738245	4	17.76	3061100	20.0
(DEL) Alkane: Cyc...	21.54	6.9	ng/ul	870956	5	21.88	2524780	20.0