

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000481.D
 Acq On : 20 Mar 2018 07:24
 Operator : JU/SJ
 Sample : J1933-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEE3

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	40	rVB	62204	88884	2.25%	0.155%
2	3.896	74	78	85	rBV	23536	38351	0.97%	0.067%
3	4.278	139	143	146	rBV4	4835	8036	0.20%	0.014%
4	4.419	161	167	177	rVB	164262	239271	6.05%	0.418%
5	5.408	328	335	340	rBV2	5231	9340	0.24%	0.016%
6	5.755	389	394	399	rBV2	12146	22487	0.57%	0.039%
7	6.008	431	437	441	rBV2	6710	10006	0.25%	0.017%
8	6.419	502	507	517	rBV	37952	60753	1.54%	0.106%
9	6.572	529	533	538	rVB2	6421	11969	0.30%	0.021%
10	7.008	602	607	616	rBV	6319	11101	0.28%	0.019%
11	7.366	659	668	682	rBV2	25552	59281	1.50%	0.104%
12	7.484	683	688	692	rBV	15015	20085	0.51%	0.035%
13	7.549	692	699	712	rVV2	947255	2009011	50.80%	3.511%
14	7.725	722	729	740	rVV	845189	1364897	34.51%	2.385%
15	7.819	740	745	750	rVB2	5939	9561	0.24%	0.017%
16	7.937	756	765	774	rBV	1019105	1633695	41.31%	2.855%
17	8.419	840	847	861	rBV	1057562	1728290	43.70%	3.020%
18	8.960	933	939	945	rBV4	4415	9095	0.23%	0.016%
19	9.119	959	966	976	rBV	1104763	1813695	45.86%	3.170%
20	9.596	1039	1047	1056	rBV	941108	1595953	40.35%	2.789%
21	9.678	1056	1061	1068	rVV	30403	57939	1.47%	0.101%
22	9.731	1068	1070	1079	rVB4	7305	11271	0.28%	0.020%
23	9.954	1101	1108	1118	rVB	32601	48815	1.23%	0.085%
24	10.325	1163	1171	1183	rBV	771756	1306345	33.03%	2.283%
25	10.513	1199	1203	1208	rBV2	5785	10512	0.27%	0.018%
26	10.866	1256	1263	1279	rBV	1166625	1980199	50.07%	3.461%
27	10.996	1279	1285	1294	rVB3	8438	17371	0.44%	0.030%
28	11.260	1322	1330	1342	rVB	1398528	2448360	61.91%	4.279%
29	11.384	1343	1351	1362	rBV	1184092	2016421	50.99%	3.524%
30	11.990	1449	1454	1461	rBV3	5157	11030	0.28%	0.019%
31	12.631	1556	1563	1566	rVB4	4117	8071	0.20%	0.014%
32	12.813	1589	1594	1600	rVB2	20612	30946	0.78%	0.054%
33	13.395	1688	1693	1703	rBV3	7944	19497	0.49%	0.034%
34	13.495	1703	1710	1713	rBV3	4165	7978	0.20%	0.014%

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35	13.631	1728	1733	1738	rVB2	13265	19529	0.49%	0.034%
36	13.831	1759	1767	1773	rBV	47840	64759	1.64%	0.113%
37	13.907	1773	1780	1784	rVV4	4442	8841	0.22%	0.015%
38	14.354	1851	1856	1858	rVV2	5649	9203	0.23%	0.016%
39	14.425	1858	1868	1872	rVV	1890058	2634265	66.61%	4.604%
40	14.472	1872	1876	1881	rVV	634803	865365	21.88%	1.512%
41	14.519	1881	1884	1893	rVB2	15732	24620	0.62%	0.043%
42	14.595	1893	1897	1901	rBV2	11411	15236	0.39%	0.027%
43	14.654	1901	1907	1908	rBV4	7438	10894	0.28%	0.019%
44	14.737	1914	1921	1933	rVB	2299895	3463411	87.57%	6.053%
45	14.889	1942	1947	1952	rVV	143712	175332	4.43%	0.306%
46	14.960	1956	1959	1965	rBV4	10202	19441	0.49%	0.034%
47	15.037	1965	1972	1980	rVB2	1837229	2812993	71.13%	4.916%
48	15.207	1995	2001	2014	rVV	786263	1174990	29.71%	2.053%
49	15.331	2016	2022	2027	rBV4	13415	27822	0.70%	0.049%
50	15.384	2027	2031	2037	rVB3	15684	24547	0.62%	0.043%
51	15.436	2037	2040	2045	rVB4	13045	18160	0.46%	0.032%
52	15.501	2046	2051	2054	rBV	27110	40395	1.02%	0.071%
53	15.572	2059	2063	2069	rVB2	15569	24558	0.62%	0.043%
54	15.719	2083	2088	2094	rBV8	4149	9665	0.24%	0.017%
55	15.789	2094	2100	2103	rBV	45251	64487	1.63%	0.113%
56	15.831	2103	2107	2113	rVB	171129	206143	5.21%	0.360%
57	15.889	2113	2117	2121	rBV4	9230	15768	0.40%	0.028%
58	15.931	2121	2124	2132	rVB6	9198	18054	0.46%	0.032%
59	16.019	2132	2139	2146	rBV	2688298	3873866	97.95%	6.770%
60	16.131	2152	2158	2166	rBV	681938	939193	23.75%	1.641%
61	16.236	2168	2176	2178	rBV	37843	83715	2.12%	0.146%
62	16.325	2188	2191	2197	rVB4	11477	14681	0.37%	0.026%
63	16.378	2197	2200	2208	rVB7	14611	24040	0.61%	0.042%
64	16.448	2209	2212	2221	rVB3	20405	27873	0.70%	0.049%
65	16.525	2221	2225	2230	rBV7	6094	11279	0.29%	0.020%
66	16.642	2239	2245	2247	rBV3	14292	23149	0.59%	0.040%
67	16.683	2247	2252	2264	rVB	137617	213363	5.40%	0.373%
68	16.872	2281	2284	2288	rVB2	12366	15763	0.40%	0.028%
69	16.966	2294	2300	2305	rVB	47082	68576	1.73%	0.120%
70	17.025	2306	2310	2314	rVV5	10695	20088	0.51%	0.035%
71	17.083	2317	2320	2323	rVV2	10043	11648	0.29%	0.020%

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72	17.119	2323	2326	2333	rVB2	22850	36844	0.93%	0.064%
73	17.189	2334	2338	2345	rVB4	16503	23467	0.59%	0.041%
74	17.254	2345	2349	2351	rBV2	9721	12952	0.33%	0.023%
75	17.354	2363	2366	2372	rVB6	8082	12276	0.31%	0.021%
76	17.472	2381	2386	2390	rBV	76762	92415	2.34%	0.162%
77	17.525	2391	2395	2397	rBV2	16055	21416	0.54%	0.037%
78	17.760	2425	2435	2441	rBV2	1977808	2874538	72.68%	5.024%
79	17.860	2446	2452	2460	rVV	2724609	3844756	97.22%	6.719%
80	17.936	2463	2465	2472	rVB4	7434	11954	0.30%	0.021%
81	18.007	2473	2477	2482	rBV5	8111	15214	0.38%	0.027%
82	18.201	2507	2510	2516	rVB	44491	50775	1.28%	0.089%
83	18.378	2536	2540	2548	rVB2	17377	24172	0.61%	0.042%
84	18.483	2553	2558	2559	rBV4	5462	7763	0.20%	0.014%
85	18.595	2573	2577	2590	rBV	304425	517222	13.08%	0.904%
86	18.883	2622	2626	2629	rBV	26711	31957	0.81%	0.056%
87	18.919	2629	2632	2636	rVB2	12511	15885	0.40%	0.028%
88	19.360	2704	2707	2711	rVB2	12380	12182	0.31%	0.021%
89	19.454	2719	2723	2726	rBV5	7985	13732	0.35%	0.024%
90	19.501	2728	2731	2734	rVV2	12188	12204	0.31%	0.021%
91	19.719	2764	2768	2769	rBV2	12904	17946	0.45%	0.031%
92	19.754	2769	2774	2782	rVB	37964	68423	1.73%	0.120%
93	19.848	2786	2790	2801	rBV	112309	191470	4.84%	0.335%
94	20.007	2814	2817	2821	rVB	30835	37150	0.94%	0.065%
95	20.119	2830	2836	2843	rVB	2824978	3954825	100.00%	6.912%
96	21.548	3075	3079	3091	rVB3	181693	362769	9.17%	0.634%
97	21.883	3130	3136	3144	rBV	2093663	2729036	69.01%	4.769%
98	23.530	3413	3416	3423	rVB2	77511	117842	2.98%	0.206%
99	24.207	3520	3531	3544	rVB2	1720285	3687880	93.25%	6.445%
100	24.365	3551	3558	3570	rVB2	1235441	2626334	66.41%	4.590%

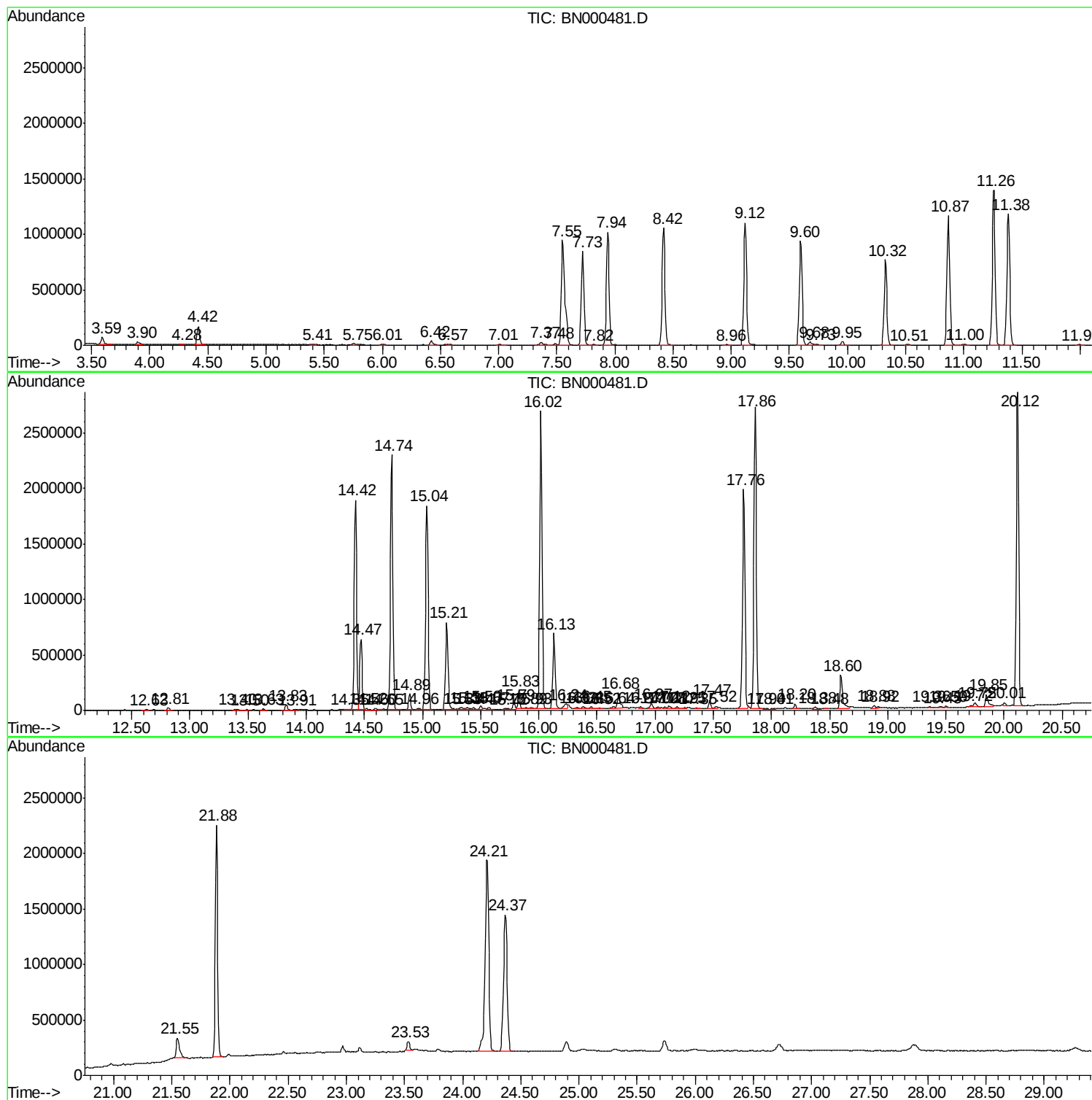
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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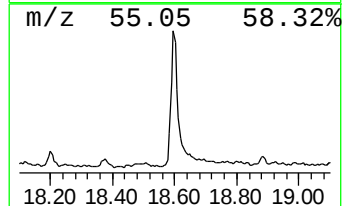
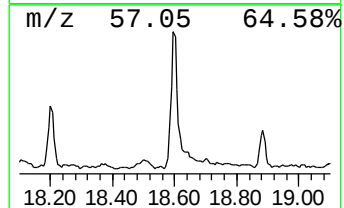
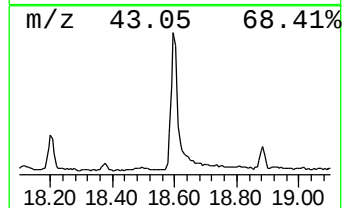
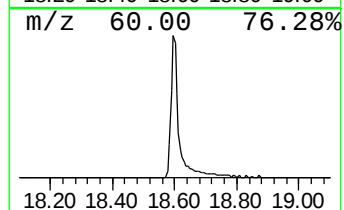
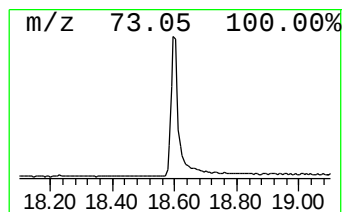
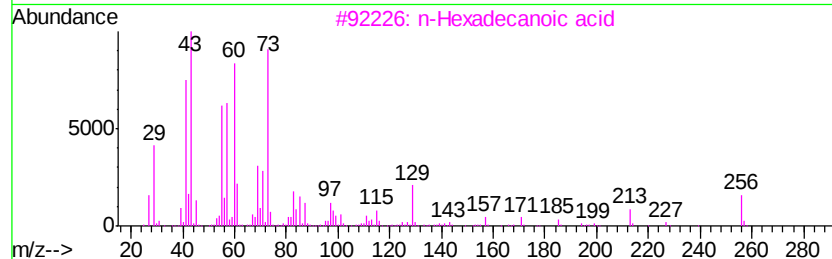
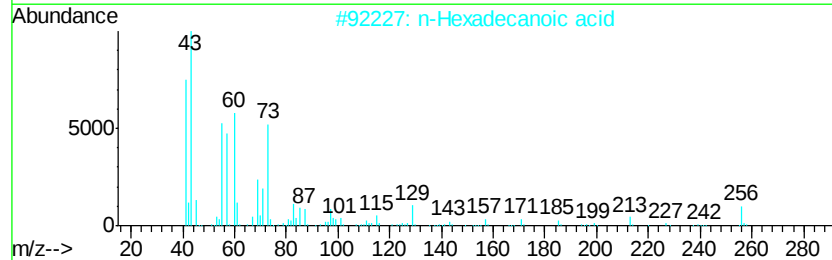
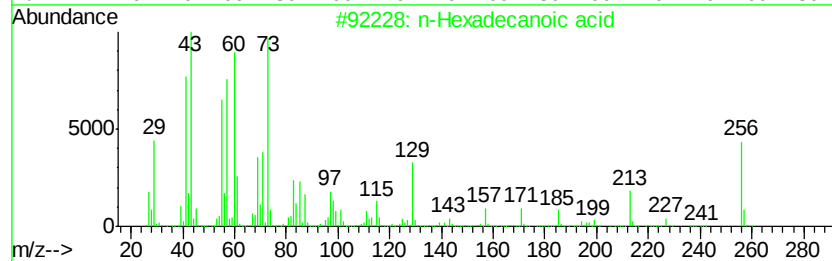
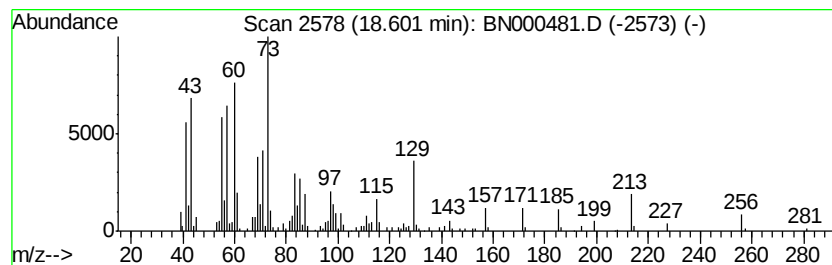
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.60 ng/ul	517222	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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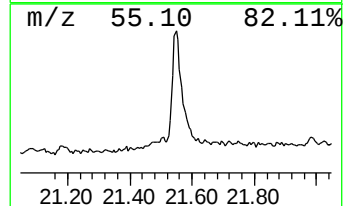
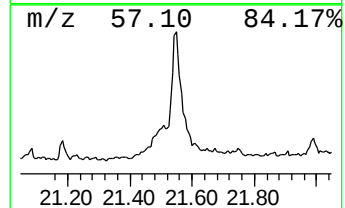
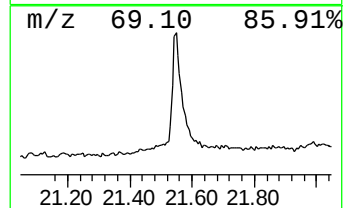
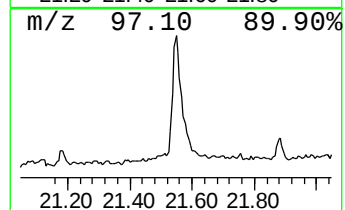
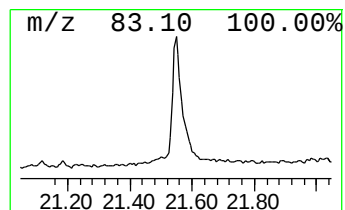
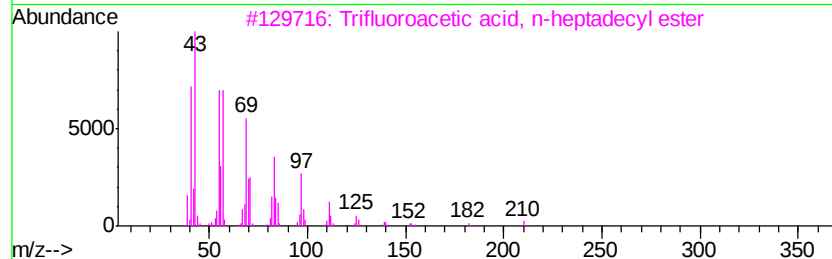
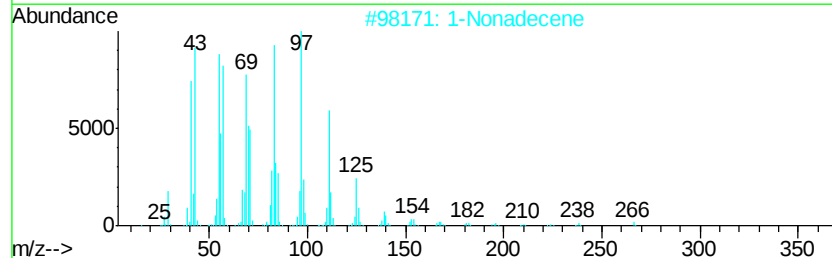
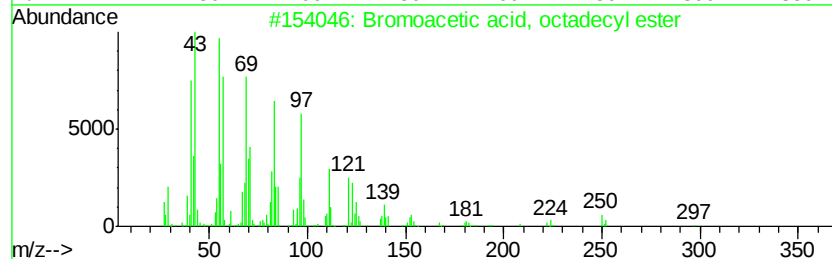
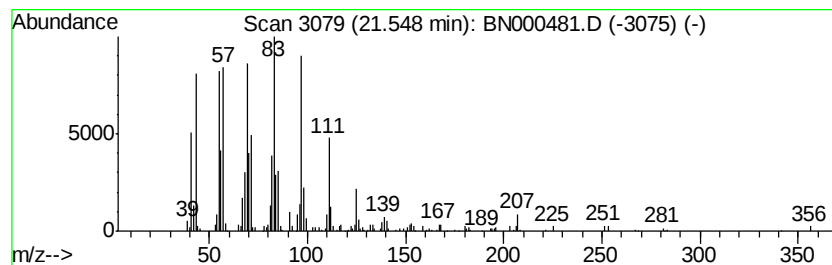
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.66 ng/ul	362769	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.60	3.6	ng/ul	517222	4	17.76	2874540	20.0
Bromoacetic acid,...	21.55	2.7	ng/ul	362769	5	21.88	2729040	20.0