

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026750.D
 Acq On : 28 Apr 2017 17:06
 Operator : SJ/MA
 Sample : I2816-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSP7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.423	52	57	66	rVB	39762	62839	1.51%	0.126%
2	4.187	182	187	193	rBV4	9844	18359	0.44%	0.037%
3	4.440	225	230	233	rVB7	3626	6125	0.15%	0.012%
4	4.504	238	241	246	rBV5	4258	8914	0.21%	0.018%
5	5.110	340	344	348	rVB6	3969	7215	0.17%	0.014%
6	5.162	348	353	356	rBV4	3975	5766	0.14%	0.012%
7	5.392	388	392	395	rBV5	4179	7563	0.18%	0.015%
8	5.850	468	470	477	rVB4	3192	6131	0.15%	0.012%
9	5.926	477	483	485	rBV6	3679	5984	0.14%	0.012%
10	6.108	508	514	517	rVV4	4120	7334	0.18%	0.015%
11	6.208	529	531	539	rBV7	3973	7786	0.19%	0.016%
12	7.043	668	673	678	rBV6	3110	6306	0.15%	0.013%
13	7.189	690	698	715	rVV	658627	1228446	29.51%	2.468%
14	7.330	715	722	735	rVB	616282	989773	23.77%	1.988%
15	7.548	751	759	781	rVB	730891	1261692	30.30%	2.534%
16	8.012	830	838	848	rBV	460019	807927	19.40%	1.623%
17	8.241	874	877	883	rVB6	3660	5993	0.14%	0.012%
18	8.723	949	959	982	rBV	882442	1703422	40.91%	3.422%
19	8.929	991	994	1003	rVB8	3871	11051	0.27%	0.022%
20	9.164	1027	1034	1044	rBV	673275	1208004	29.01%	2.427%
21	9.334	1057	1063	1067	rBV7	6251	10504	0.25%	0.021%
22	9.587	1103	1106	1112	rVB3	19006	25666	0.62%	0.052%
23	9.734	1126	1131	1136	rBV7	3705	7150	0.17%	0.014%
24	9.892	1141	1158	1173	rBV	564170	1054621	25.33%	2.118%
25	10.439	1241	1251	1280	rBV	887618	1720159	41.32%	3.455%
26	10.809	1302	1314	1327	rBV	792956	1416587	34.02%	2.846%
27	10.944	1327	1337	1361	rBV	884985	1738849	41.76%	3.493%
28	12.295	1563	1567	1573	rVB7	3247	6174	0.15%	0.012%
29	12.395	1579	1584	1591	rBV3	15883	30889	0.74%	0.062%
30	12.607	1617	1620	1624	rVB6	3963	6534	0.16%	0.013%
31	13.229	1721	1726	1732	rBV4	4582	6302	0.15%	0.013%
32	13.441	1754	1762	1767	rBV4	7707	14956	0.36%	0.030%
33	13.517	1770	1775	1777	rBV5	3672	5818	0.14%	0.012%
34	13.835	1819	1829	1839	rBV	30110	51619	1.24%	0.104%

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35	14.023	1853	1861	1865	rVV	1765910	2510522	60.30%	5.043%
36	14.070	1865	1869	1877	rVV	308181	460717	11.07%	0.925%
37	14.140	1877	1881	1886	rVB6	6594	8707	0.21%	0.017%
38	14.217	1888	1894	1898	rVB7	3871	8140	0.20%	0.016%
39	14.316	1899	1911	1926	rBV	2108345	3356780	80.62%	6.743%
40	14.510	1939	1944	1950	rVB2	44137	58486	1.40%	0.117%
41	14.622	1953	1963	1974	rBV2	1223657	1966780	47.24%	3.951%
42	14.839	1993	2000	2016	rBV	402115	958438	23.02%	1.925%
43	15.016	2026	2030	2033	rVB5	6500	8799	0.21%	0.018%
44	15.063	2035	2038	2043	rVB6	10197	12061	0.29%	0.024%
45	15.121	2043	2048	2055	rVB6	16857	30993	0.74%	0.062%
46	15.192	2055	2060	2065	rBV6	12429	16583	0.40%	0.033%
47	15.356	2082	2088	2091	rBV7	3152	5871	0.14%	0.012%
48	15.409	2091	2097	2100	rBV3	12735	21574	0.52%	0.043%
49	15.456	2100	2105	2110	rVB	93752	118220	2.84%	0.237%
50	15.515	2110	2115	2118	rBV6	8983	13851	0.33%	0.028%
51	15.609	2118	2131	2141	rBV	2627546	4075071	97.88%	8.186%
52	15.727	2144	2151	2164	rBV	669112	1014760	24.37%	2.038%
53	15.856	2165	2173	2178	rVV5	56242	123001	2.95%	0.247%
54	15.903	2178	2181	2186	rVB7	10243	16424	0.39%	0.033%
55	15.956	2186	2190	2195	rBV6	12806	17415	0.42%	0.035%
56	16.009	2196	2199	2204	rVB4	15414	19615	0.47%	0.039%
57	16.073	2206	2210	2214	rBV4	16019	17974	0.43%	0.036%
58	16.208	2226	2233	2236	rVB8	3061	6711	0.16%	0.013%
59	16.314	2246	2251	2261	rBV	100867	182369	4.38%	0.366%
60	16.426	2268	2270	2275	rVB5	5688	7891	0.19%	0.016%
61	16.479	2277	2279	2285	rVB7	4361	7500	0.18%	0.015%
62	16.555	2285	2292	2294	rBV6	6045	10587	0.25%	0.021%
63	16.661	2304	2310	2317	rBV7	14801	35317	0.85%	0.071%
64	16.766	2324	2328	2333	rBV8	9128	13197	0.32%	0.027%
65	16.813	2333	2336	2343	rVB8	7564	12662	0.30%	0.025%
66	16.884	2343	2348	2351	rBV5	6558	9393	0.23%	0.019%
67	16.978	2363	2364	2370	rVB6	5500	7816	0.19%	0.016%
68	17.031	2370	2373	2378	rBV7	3827	7478	0.18%	0.015%
69	17.101	2378	2385	2389	rBV	54244	71836	1.73%	0.144%
70	17.154	2389	2394	2399	rVB4	19801	35147	0.84%	0.071%
71	17.254	2408	2411	2418	rVB9	5637	9274	0.22%	0.019%

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72	17.354	2421	2428	2438	rBV2	1426610	2118959	50.89%	4.256%
73	17.454	2438	2445	2454	rVV2	2670967	4044002	97.13%	8.123%
74	17.836	2507	2510	2514	rVB5	10695	14091	0.34%	0.028%
75	18.235	2571	2578	2598	rBV	202445	411226	9.88%	0.826%
76	18.435	2610	2612	2617	rVB5	6135	8209	0.20%	0.016%
77	18.576	2635	2636	2640	rBV4	4519	5571	0.13%	0.011%
78	18.653	2647	2649	2653	rBV4	4538	6281	0.15%	0.013%
79	18.905	2690	2692	2698	rVB6	5120	8716	0.21%	0.018%
80	19.146	2727	2733	2735	rBV6	6280	8136	0.20%	0.016%
81	19.311	2753	2761	2764	rBV10	7996	15199	0.37%	0.031%
82	19.369	2766	2771	2781	rBV2	36152	74727	1.79%	0.150%
83	19.499	2789	2793	2806	rBV	72812	143807	3.45%	0.289%
84	19.622	2809	2814	2824	rVB	28281	52652	1.26%	0.106%
85	19.734	2825	2833	2843	rBV2	2911441	4163515	100.00%	8.363%
86	19.886	2857	2859	2863	rVB5	7309	5960	0.14%	0.012%
87	20.333	2929	2935	2937	rBV7	10094	21027	0.51%	0.042%
88	20.586	2970	2978	2980	rBV9	11662	28124	0.68%	0.056%
89	20.680	2992	2994	2997	rVB3	11564	7841	0.19%	0.016%
90	20.744	3002	3005	3009	rVB4	11104	13243	0.32%	0.027%
91	21.390	3099	3115	3127	rBV4	54851	371118	8.91%	0.745%
92	21.596	3144	3150	3162	rVB	1370641	2155797	51.78%	4.330%
93	22.430	3289	3292	3295	rBV4	18656	19414	0.47%	0.039%
94	23.041	3392	3396	3408	rVB7	35463	76073	1.83%	0.153%
95	23.823	3524	3529	3536	rBV2	48462	95087	2.28%	0.191%
96	24.546	3640	3652	3666	rBV2	1545445	4163045	99.99%	8.362%
97	24.757	3676	3688	3704	rVB2	857725	2420354	58.13%	4.862%
98	25.850	3865	3874	3884	rBV4	65674	192301	4.62%	0.386%
99	27.160	4090	4097	4108	rVB6	61672	200967	4.83%	0.404%
100	28.747	4358	4367	4384	rVB7	50318	217247	5.22%	0.436%

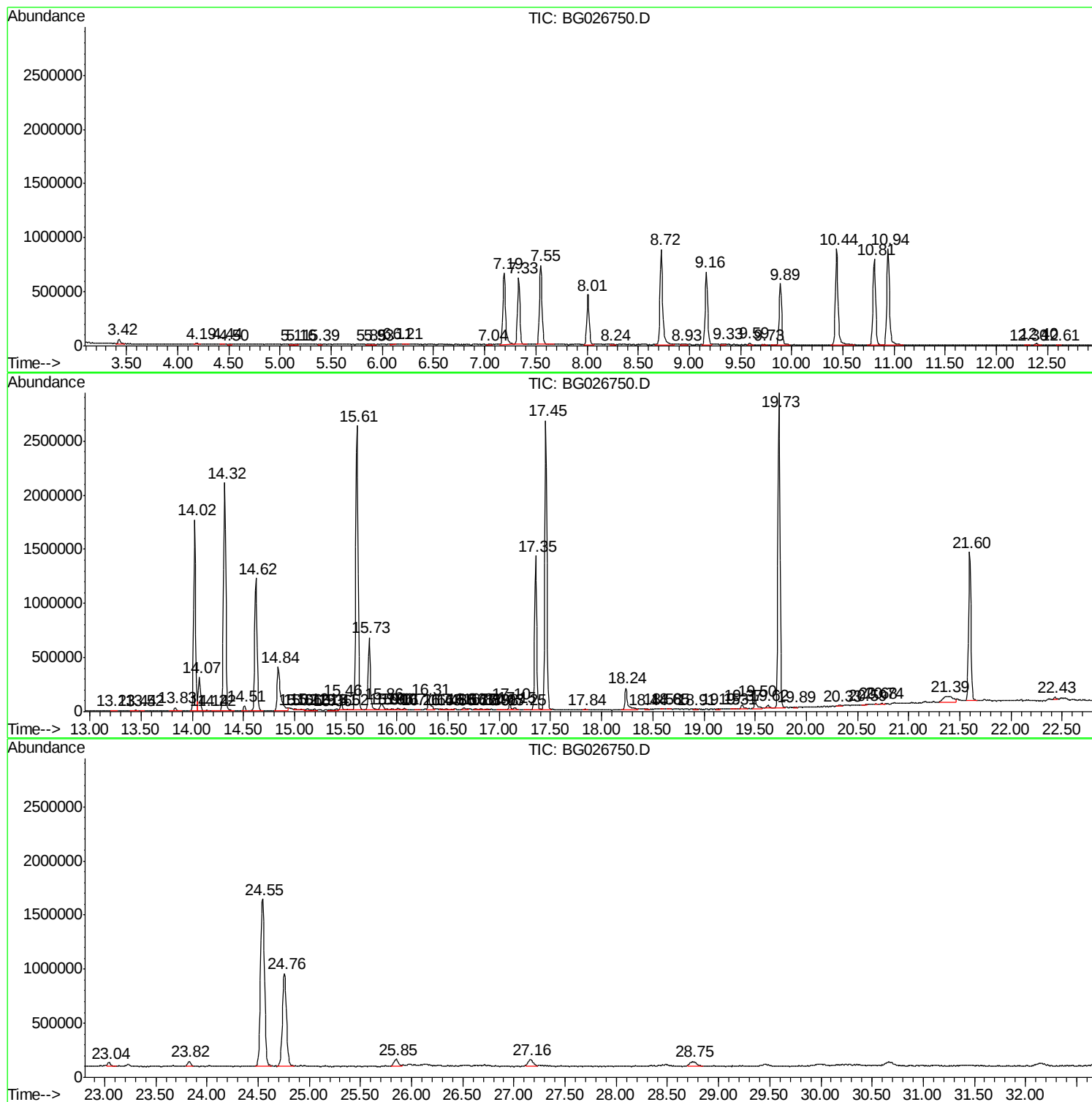
Sum of corrected areas: 49783107

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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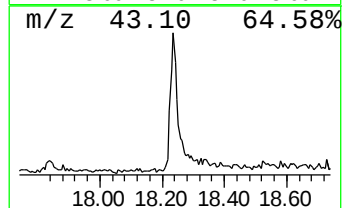
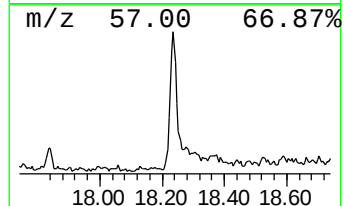
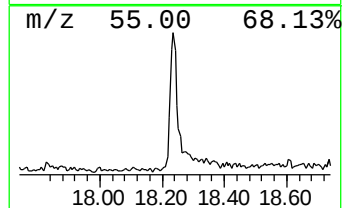
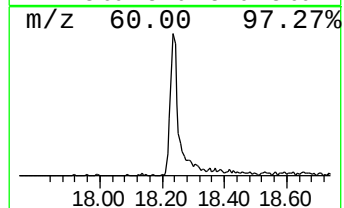
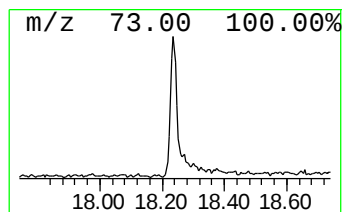
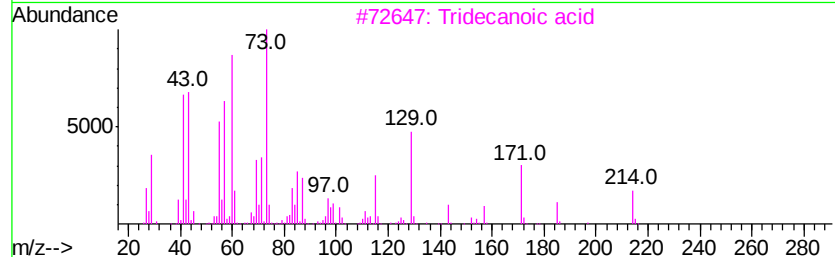
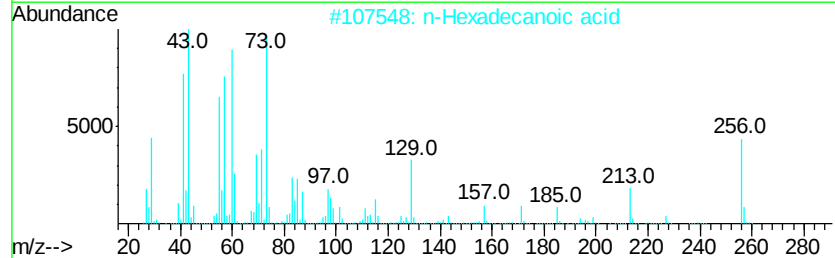
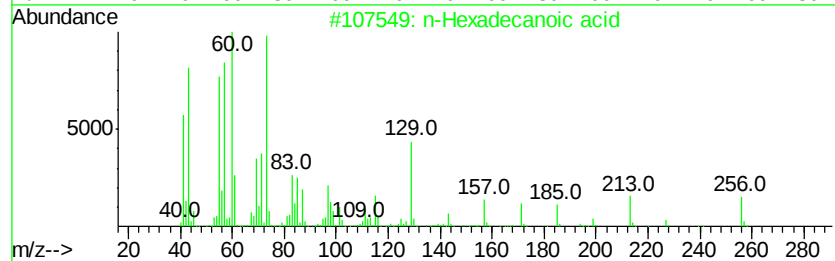
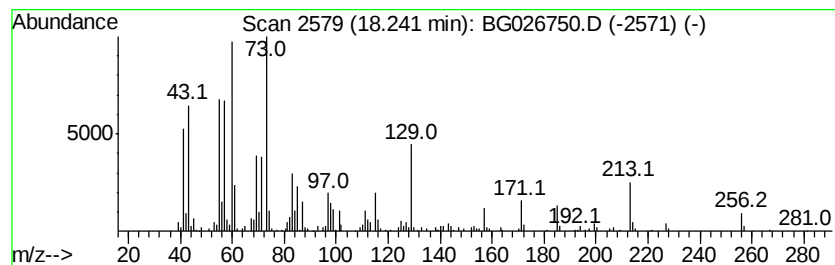
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.24	3.88 ng/ul	411226	Phenanthrene-d10		17.35	
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	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
5	Tridecanoic acid		214	C13H26O2	000638-53-9	90



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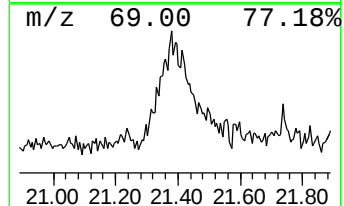
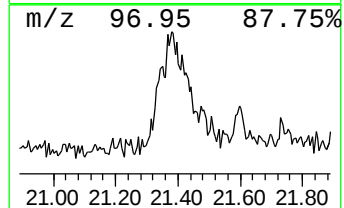
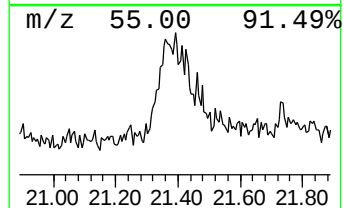
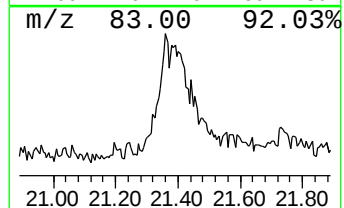
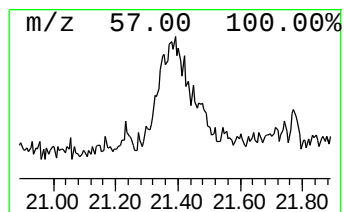
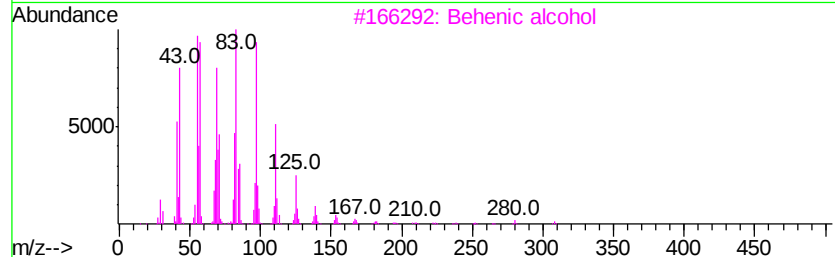
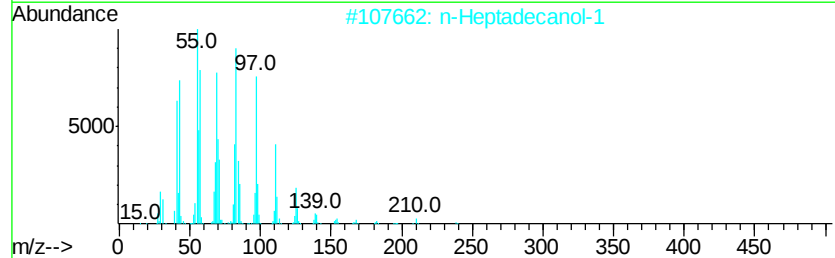
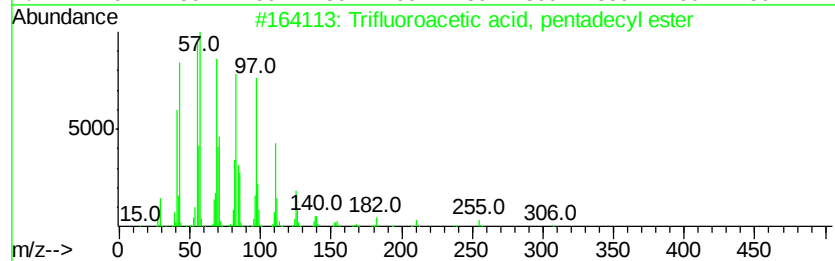
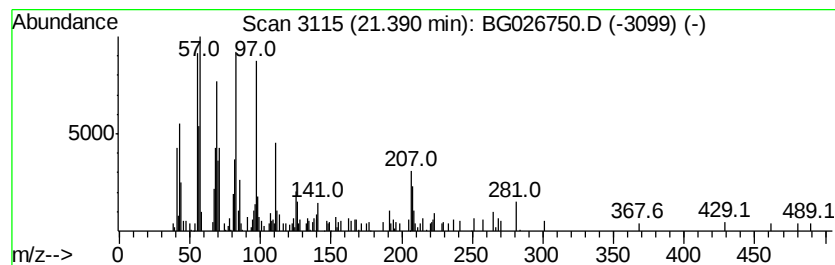
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trifluoroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	3.44 ng/ul	371118	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	87
3		Behenic alcohol	326	C22H46O	000661-19-8	87
4		1-Heneicosanol	312	C21H44O	015594-90-8	87
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	3.9	ng/ul	411226	4	17.35	2118960	20.0
Trifluoroacetic a...	21.39	3.4	ng/ul	371118	5	21.60	2155800	20.0