

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048179.D
 Acq On : 17 Feb 2021 1:43
 Operator : CG/JU
 Sample : M1408-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGK4

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_G\METHODS\SOM-EPA-BG021321MA.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	3.512	25	29	37	rVB2	12167	20236	0.89%	0.106%
2	4.170	136	141	143	rBV2	2297	4048	0.18%	0.021%
3	4.275	153	159	160	rBV3	4027	5409	0.24%	0.028%
4	5.603	381	385	389	rBV4	1757	3327	0.15%	0.017%
5	7.248	655	665	674	rBV2	70840	152096	6.70%	0.796%
6	7.419	688	694	704	rVB	183874	304126	13.40%	1.592%
7	7.630	723	730	737	rBV	216012	374443	16.49%	1.960%
8	7.683	737	739	750	rVB6	6292	12433	0.55%	0.065%
9	8.100	802	810	816	rBV	203698	334410	14.73%	1.751%
10	8.476	867	874	879	rVB4	7368	16516	0.73%	0.086%
11	8.641	894	902	909	rBV	14450	25899	1.14%	0.136%
12	8.794	921	928	939	rVB	179542	307682	13.55%	1.611%
13	9.258	999	1007	1015	rBV	250972	430701	18.97%	2.255%
14	9.528	1049	1053	1055	rBV	2202	3227	0.14%	0.017%
15	9.681	1074	1079	1083	rBV2	5998	9049	0.40%	0.047%
16	9.986	1124	1131	1139	rBV	220607	390334	17.19%	2.043%
17	10.527	1215	1223	1232	rBV	291320	541948	23.87%	2.837%
18	10.915	1281	1289	1294	rBV	253424	464743	20.47%	2.433%
19	10.962	1294	1297	1303	rVB	38639	60124	2.65%	0.315%
20	11.044	1305	1311	1316	rBV4	17983	38906	1.71%	0.204%
21	12.019	1471	1477	1481	rVB2	1999	3266	0.14%	0.017%
22	12.489	1552	1557	1563	rVB3	4793	8483	0.37%	0.044%
23	12.554	1565	1568	1573	rVB2	3201	4748	0.21%	0.025%
24	12.783	1601	1607	1610	rVB4	3383	5279	0.23%	0.028%
25	13.559	1733	1739	1744	rBV4	8191	16168	0.71%	0.085%
26	13.612	1744	1748	1753	rVB3	3556	5335	0.23%	0.028%
27	14.123	1828	1835	1840	rBV	635554	932112	41.06%	4.880%
28	14.164	1840	1842	1849	rVB	42203	55195	2.43%	0.289%
29	14.416	1878	1885	1895	rVB	648862	1032320	45.47%	5.404%
30	14.610	1916	1918	1922	rVB2	3085	3275	0.14%	0.017%
31	14.722	1931	1937	1944	rBV2	450302	702835	30.96%	3.679%
32	14.787	1944	1948	1955	rVB2	14273	22063	0.97%	0.115%
33	14.845	1955	1958	1962	rBV2	4312	6750	0.30%	0.035%
34	14.898	1962	1967	1977	rBV2	72512	132676	5.84%	0.695%

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35	15.122	2000	2005	2011	rBV2	12761	19639	0.87%	0.103%
36	15.527	2071	2074	2076	rVV4	3861	4378	0.19%	0.023%
37	15.715	2098	2106	2112	rBV	923347	1389725	61.21%	7.275%
38	15.768	2112	2115	2118	rVV2	7017	9588	0.42%	0.050%
39	15.821	2118	2124	2134	rVV	364111	568557	25.04%	2.976%
40	15.950	2141	2146	2152	rVB3	13679	21332	0.94%	0.112%
41	16.062	2159	2165	2168	rBV6	2223	3926	0.17%	0.021%
42	16.279	2200	2202	2206	rBV3	2281	3115	0.14%	0.016%
43	16.391	2215	2221	2223	rBV3	4558	7587	0.33%	0.040%
44	16.420	2223	2226	2227	rVV2	4079	5043	0.22%	0.026%
45	16.449	2227	2231	2236	rVV6	9501	18796	0.83%	0.098%
46	16.491	2236	2238	2242	rVB3	6203	6910	0.30%	0.036%
47	16.696	2268	2273	2281	rBV6	7437	17477	0.77%	0.091%
48	16.761	2281	2284	2288	rBV5	2708	3210	0.14%	0.017%
49	17.055	2330	2334	2336	rBV3	2941	3348	0.15%	0.018%
50	17.084	2336	2339	2341	rBV2	3566	4476	0.20%	0.023%
51	17.119	2341	2345	2353	rVV7	13973	26302	1.16%	0.138%
52	17.207	2359	2360	2364	rBV4	3590	3284	0.14%	0.017%
53	17.260	2365	2369	2372	rVB5	4538	7506	0.33%	0.039%
54	17.366	2385	2387	2390	rVB4	3973	3980	0.18%	0.021%
55	17.466	2397	2404	2410	rBV	652826	979373	43.14%	5.127%
56	17.519	2411	2413	2414	rVV2	5013	3246	0.14%	0.017%
57	17.566	2414	2421	2429	rVB	1193277	1746587	76.93%	9.143%
58	17.730	2446	2449	2452	rBV3	4460	4234	0.19%	0.022%
59	17.865	2467	2472	2478	rVB2	22522	36621	1.61%	0.192%
60	17.948	2482	2486	2490	rBV6	6425	8494	0.37%	0.044%
61	18.024	2496	2499	2503	rVB5	5166	5436	0.24%	0.028%
62	18.306	2543	2547	2549	rBV5	2917	3979	0.18%	0.021%
63	18.341	2549	2553	2563	rBV2	96008	164571	7.25%	0.862%
64	18.641	2600	2604	2606	rBV4	3910	5103	0.22%	0.027%
65	18.770	2623	2626	2628	rVB4	4538	5287	0.23%	0.028%
66	18.823	2630	2635	2637	rVV6	2397	3999	0.18%	0.021%
67	19.111	2681	2684	2686	rVB4	3390	3344	0.15%	0.018%
68	19.146	2686	2690	2693	rVB5	4592	5719	0.25%	0.030%
69	19.417	2733	2736	2738	rBV4	3028	3778	0.17%	0.020%
70	19.481	2742	2747	2753	rBV	21958	34411	1.52%	0.180%
71	19.610	2763	2769	2780	rBV2	79915	145991	6.43%	0.764%

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72	19.734	2786	2790	2793	rBV2	11482	14847	0.65%	0.078%
73	19.845	2802	2809	2822	rBV	1612577	2270391	100.00%	11.885%
74	19.939	2822	2825	2827	rBV4	3697	3708	0.16%	0.019%
75	20.298	2882	2886	2887	rBV3	7316	9239	0.41%	0.048%
76	20.345	2891	2894	2895	rBV3	4712	5230	0.23%	0.027%
77	20.691	2951	2953	2956	rBV4	4280	4449	0.20%	0.023%
78	20.791	2968	2970	2972	rVB2	5375	4094	0.18%	0.021%
79	21.338	3061	3063	3064	rBV2	5495	5074	0.22%	0.027%
80	21.367	3064	3068	3077	rVV5	52845	100018	4.41%	0.524%
81	21.737	3124	3131	3140	rVB	739676	1219419	53.71%	6.384%
82	22.548	3265	3269	3270	rBV4	8168	8899	0.39%	0.047%
83	23.247	3382	3388	3393	rBV6	18577	33557	1.48%	0.176%
84	23.512	3431	3433	3434	rVB2	6175	3541	0.16%	0.019%
85	23.858	3490	3492	3494	rBV3	10631	10120	0.45%	0.053%
86	24.070	3521	3528	3534	rVB9	21717	52157	2.30%	0.273%
87	24.775	3637	3648	3661	rVB	784488	2246804	98.96%	11.762%
88	24.998	3676	3686	3698	rVB2	419942	1241045	54.66%	6.497%
89	25.856	3828	3832	3833	rBV4	6005	7576	0.33%	0.040%
90	26.003	3855	3857	3859	rBV3	6488	3636	0.16%	0.019%
91	26.179	3880	3887	3894	rVB5	26730	71040	3.13%	0.372%
92	26.643	3964	3966	3967	rBV2	5324	3866	0.17%	0.020%
93	27.002	4025	4027	4029	rBV2	6218	6840	0.30%	0.036%
94	27.548	4115	4120	4121	rBV5	13672	21227	0.93%	0.111%
95	28.717	4317	4319	4320	rBV2	5284	3490	0.15%	0.018%
96	29.187	4397	4399	4401	rBV3	9309	9401	0.41%	0.049%
97	29.211	4401	4403	4404	rBV2	8487	6548	0.29%	0.034%
98	29.628	4472	4474	4477	rBV4	5232	6617	0.29%	0.035%
99	31.925	4862	4865	4866	rBV2	5983	7126	0.31%	0.037%
100	32.237	4916	4918	4919	rBV2	5060	4128	0.18%	0.022%

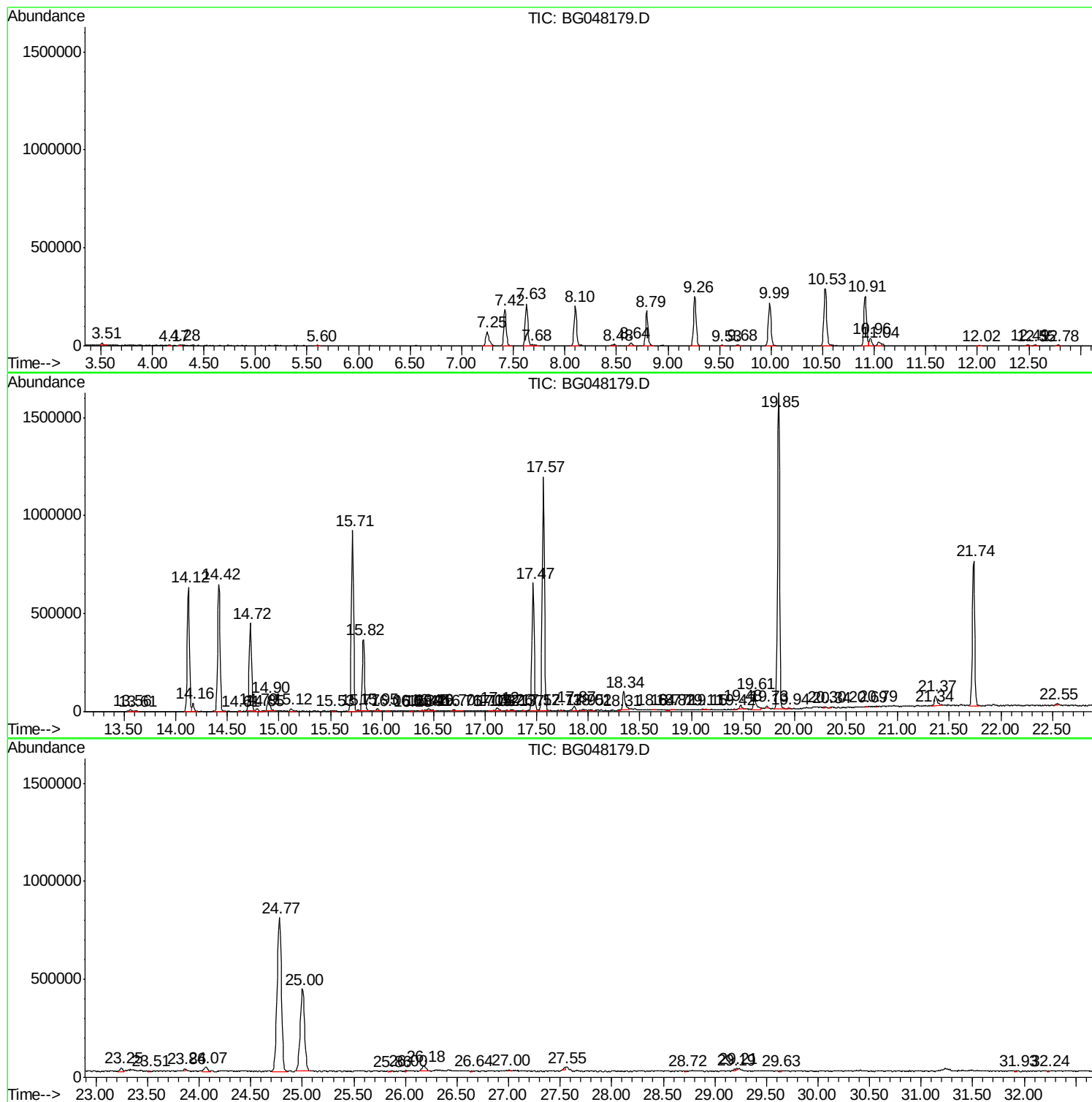
Sum of corrected areas: 19102601

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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



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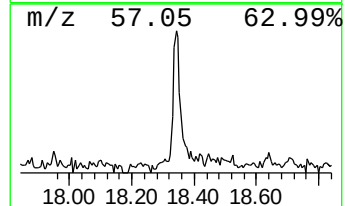
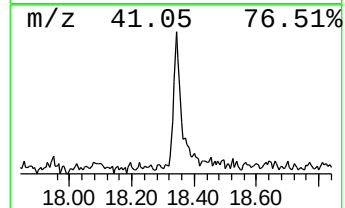
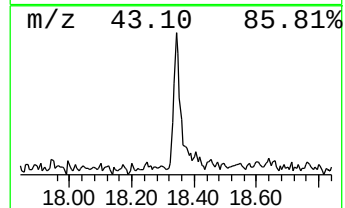
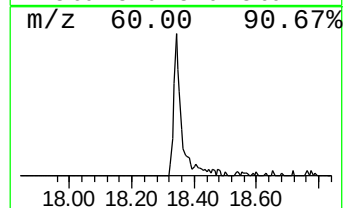
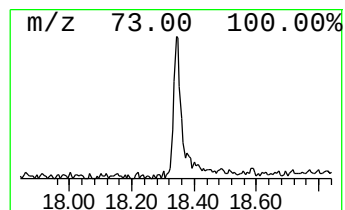
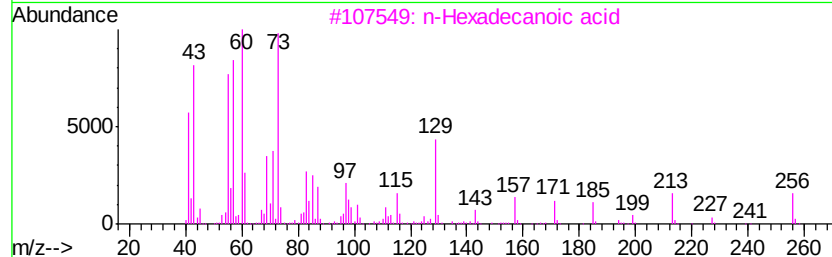
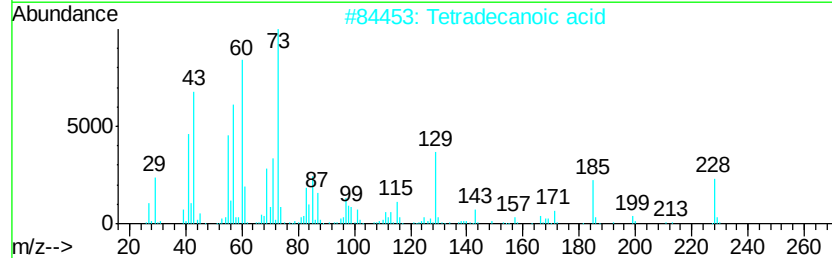
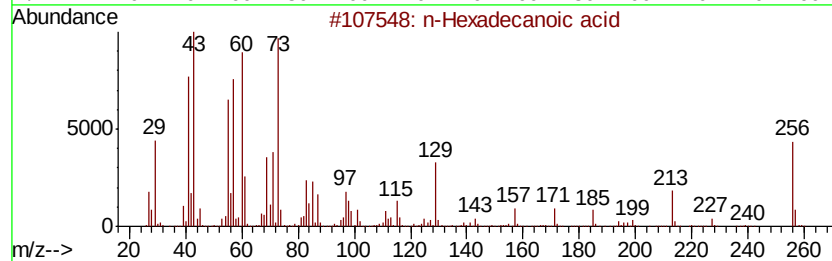
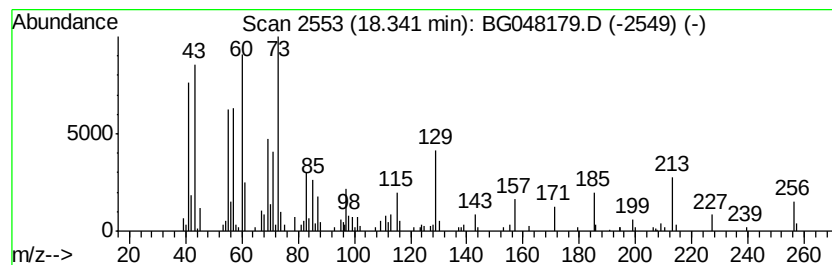
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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.	
18.34	3.36 ng/ul	164571	Phenanthrene-d10		17.47	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	



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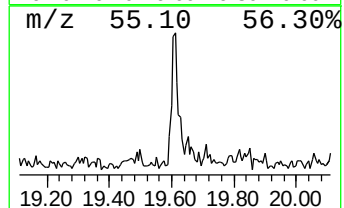
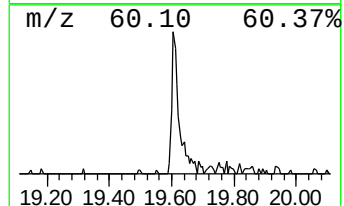
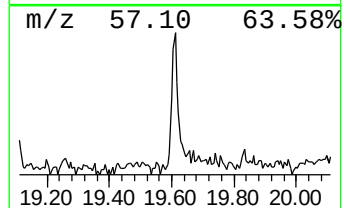
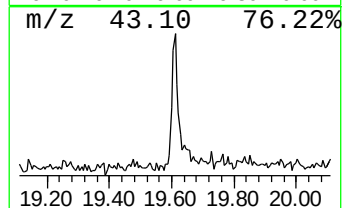
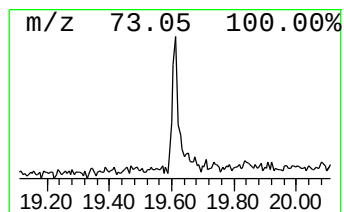
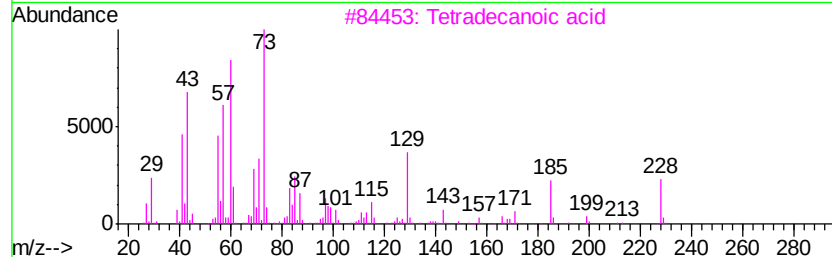
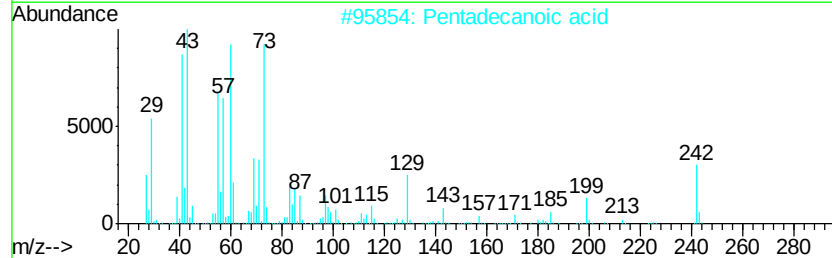
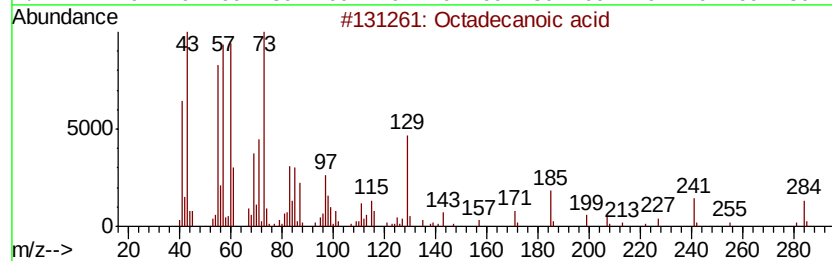
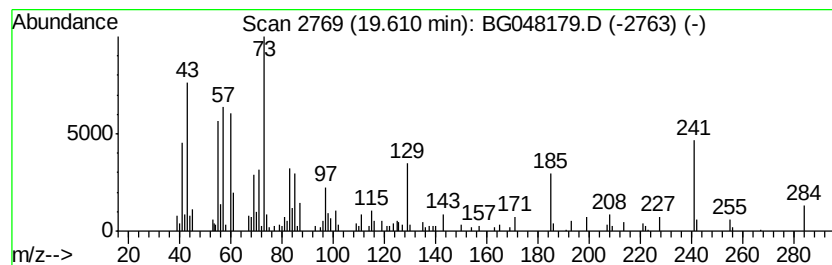
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.61	2.39 ng/ul	145991	Chrysene-d12		21.74
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.34	3.4	ng/ul	164571	4	17.47	979373	20.0
Octadecanoic acid	19.61	2.4	ng/ul	145991	5	21.74	1219420	20.0