

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031723.D
 Acq On : 30 May 2024 19:38
 Operator : MA/JU
 Sample : P2569-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH648DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031723.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.605	102	105	115	rBV	170583	260758	2.41%	0.269%
2	3.705	118	122	131	rVV	71741	98695	0.91%	0.102%
3	3.917	154	158	163	rBV	26631	35995	0.33%	0.037%
4	4.128	188	194	203	rBV	68244	105296	0.97%	0.109%
5	4.375	230	236	241	rBV	26008	55423	0.51%	0.057%
6	4.534	258	263	269	rVB	57711	84567	0.78%	0.087%
7	6.852	648	657	668	rVB	325053	555237	5.13%	0.573%
8	7.022	680	686	697	rVB	285707	468980	4.33%	0.484%
9	7.216	712	719	725	rBV	344291	542622	5.01%	0.560%
10	7.687	790	799	806	rBV	1616125	2597306	23.97%	2.681%
11	7.752	806	810	821	rVB10	11304	27242	0.25%	0.028%
12	8.387	911	918	924	rBV	311999	503726	4.65%	0.520%
13	8.840	988	995	1004	rBV	345095	559088	5.16%	0.577%
14	9.246	1056	1064	1071	rBV3	19765	36652	0.34%	0.038%
15	9.405	1086	1091	1098	rVB2	32961	55311	0.51%	0.057%
16	9.558	1110	1117	1129	rVV	243745	418978	3.87%	0.432%
17	10.087	1198	1207	1217	rBV	436239	739433	6.83%	0.763%
18	10.469	1263	1272	1285	rVB	2515613	4298677	39.68%	4.437%
19	10.605	1288	1295	1308	rBV	249441	465135	4.29%	0.480%
20	11.210	1392	1398	1407	rVB	39290	75475	0.70%	0.078%
21	13.646	1807	1812	1817	rVB5	19847	36987	0.34%	0.038%
22	13.740	1822	1828	1839	rVB	912944	1274417	11.76%	1.315%
23	14.016	1864	1875	1886	rBV	980473	1660158	15.32%	1.713%
24	14.328	1920	1928	1935	rVV	4144354	6249905	57.69%	6.450%
25	14.387	1935	1938	1947	rVB	65007	104790	0.97%	0.108%
26	14.522	1955	1961	1971	rBV	298092	540803	4.99%	0.558%
27	14.681	1984	1988	1991	rVV2	23758	34427	0.32%	0.036%
28	14.728	1992	1996	2002	rVV	43257	75673	0.70%	0.078%
29	14.804	2002	2009	2014	rVB5	22472	51250	0.47%	0.053%
30	14.945	2027	2033	2038	rBV5	16109	30021	0.28%	0.031%
31	15.122	2056	2063	2066	rBV7	17550	36328	0.34%	0.037%
32	15.322	2090	2097	2102	rBV	1451116	1986142	18.33%	2.050%
33	15.375	2102	2106	2112	rVB2	95797	143881	1.33%	0.148%
34	15.445	2112	2118	2124	rBV	272260	401287	3.70%	0.414%
35	15.675	2152	2157	2162	rVB	42145	62315	0.58%	0.064%
36	15.816	2176	2181	2189	rVB	44728	94896	0.88%	0.098%

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37	16.051	2216	2221	2229	rVB10	33098	58034	0.54%	0.060%
38	16.381	2267	2277	2282	rBV3	39290	100658	0.93%	0.104%
39	16.610	2310	2316	2320	rBV3	33077	59975	0.55%	0.062%
40	16.651	2320	2323	2326	rVB2	29376	36654	0.34%	0.038%
41	16.728	2332	2336	2343	rVB	74425	115797	1.07%	0.120%
42	16.804	2345	2349	2352	rBV3	36308	64599	0.60%	0.067%
43	16.892	2360	2364	2369	rVB	64252	83795	0.77%	0.086%
44	17.004	2378	2383	2388	rBV8	29933	62914	0.58%	0.065%
45	17.075	2388	2395	2399	rVV	5276882	7724105	71.30%	7.972%
46	17.116	2399	2402	2407	rVV	1617722	2127976	19.64%	2.196%
47	17.169	2407	2411	2415	rVV	1414308	2059829	19.01%	2.126%
48	17.204	2415	2417	2423	rVV	358489	448191	4.14%	0.463%
49	17.263	2423	2427	2433	rVB4	37700	67163	0.62%	0.069%
50	17.481	2456	2464	2468	rBV2	126452	221630	2.05%	0.229%
51	17.592	2479	2483	2490	rBV4	43055	80686	0.74%	0.083%
52	17.651	2490	2493	2502	rVB3	42032	75170	0.69%	0.078%
53	17.751	2507	2510	2514	rVB6	28256	30075	0.28%	0.031%
54	17.798	2514	2518	2523	rVB2	22802	39045	0.36%	0.040%
55	17.869	2526	2530	2534	rBV4	28043	41792	0.39%	0.043%
56	17.945	2538	2543	2546	rBV	222038	343638	3.17%	0.355%
57	17.986	2546	2550	2558	rVV2	723226	1605465	14.82%	1.657%
58	18.075	2562	2565	2570	rVV	130220	229142	2.12%	0.236%
59	18.139	2571	2576	2580	rVV2	353319	664361	6.13%	0.686%
60	18.181	2580	2583	2588	rVB	172531	246270	2.27%	0.254%
61	18.298	2600	2603	2607	rVB2	41714	53797	0.50%	0.056%
62	18.451	2625	2629	2633	rBV	247647	354452	3.27%	0.366%
63	18.492	2633	2636	2641	rVB	216492	276789	2.55%	0.286%
64	18.575	2648	2650	2657	rVB3	29320	35286	0.33%	0.036%
65	18.698	2668	2671	2675	rBV2	63958	83346	0.77%	0.086%
66	18.751	2677	2680	2683	rVV	67481	78183	0.72%	0.081%
67	18.786	2683	2686	2690	rVB2	65655	84430	0.78%	0.087%
68	18.875	2696	2701	2705	rBV2	180333	285463	2.63%	0.295%
69	18.933	2705	2711	2714	rVV4	84204	192228	1.77%	0.198%
70	18.963	2714	2716	2720	rVV	85502	86702	0.80%	0.089%
71	19.010	2720	2724	2732	rVV	167793	305600	2.82%	0.315%
72	19.133	2740	2745	2751	rBV	3445732	4519743	41.72%	4.665%
73	19.233	2759	2762	2764	rBV2	62997	63667	0.59%	0.066%
74	19.269	2764	2768	2777	rBV2	514212	1060327	9.79%	1.094%
75	19.416	2790	2793	2796	rVB4	92918	113042	1.04%	0.117%
76	19.469	2797	2802	2805	rVV2	2402932	3855297	35.59%	3.979%

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77	19.498	2805	2807	2815	rVV	3074266	3597731	33.21%	3.713%
78	19.569	2816	2819	2825	rVB2	156203	218638	2.02%	0.226%
79	19.681	2834	2838	2843	rVB	191688	252749	2.33%	0.261%
80	19.739	2845	2848	2854	rVB	116920	187519	1.73%	0.194%
81	19.828	2857	2863	2869	rBV4	216727	531661	4.91%	0.549%
82	19.957	2881	2885	2887	rBV3	156412	233283	2.15%	0.241%
83	19.998	2888	2892	2895	rVB	327960	467653	4.32%	0.483%
84	20.098	2905	2909	2912	rBV2	182553	223899	2.07%	0.231%
85	20.151	2913	2918	2923	rVV2	288438	479578	4.43%	0.495%
86	20.292	2939	2942	2946	rBV	149474	181643	1.68%	0.187%
87	20.339	2947	2950	2954	rVB3	147349	200013	1.85%	0.206%
88	20.410	2959	2962	2965	rVV2	121914	129700	1.20%	0.134%
89	20.457	2968	2970	2976	rVB5	141031	177936	1.64%	0.184%
90	20.745	3015	3019	3025	rVB	337418	460089	4.25%	0.475%
91	20.957	3052	3055	3058	rBV	237566	291905	2.69%	0.301%
92	20.998	3058	3062	3068	rVV2	504050	879966	8.12%	0.908%
93	21.057	3069	3072	3080	rVB	328029	480000	4.43%	0.495%
94	21.222	3095	3100	3106	rBV	8344379	10833815	100.00%	11.181%
95	21.310	3107	3115	3119	rVV3	5609367	10449512	96.45%	10.785%
96	21.351	3119	3122	3130	rVB	1436851	2085556	19.25%	2.152%
97	23.321	3451	3457	3464	rBV	715082	2097960	19.36%	2.165%
98	24.045	3575	3580	3586	rBV2	607251	1291161	11.92%	1.333%
99	24.110	3586	3591	3600	rVB	628312	1503954	13.88%	1.552%
100	24.251	3607	3615	3634	rVB	2561696	6833677	63.08%	7.053%

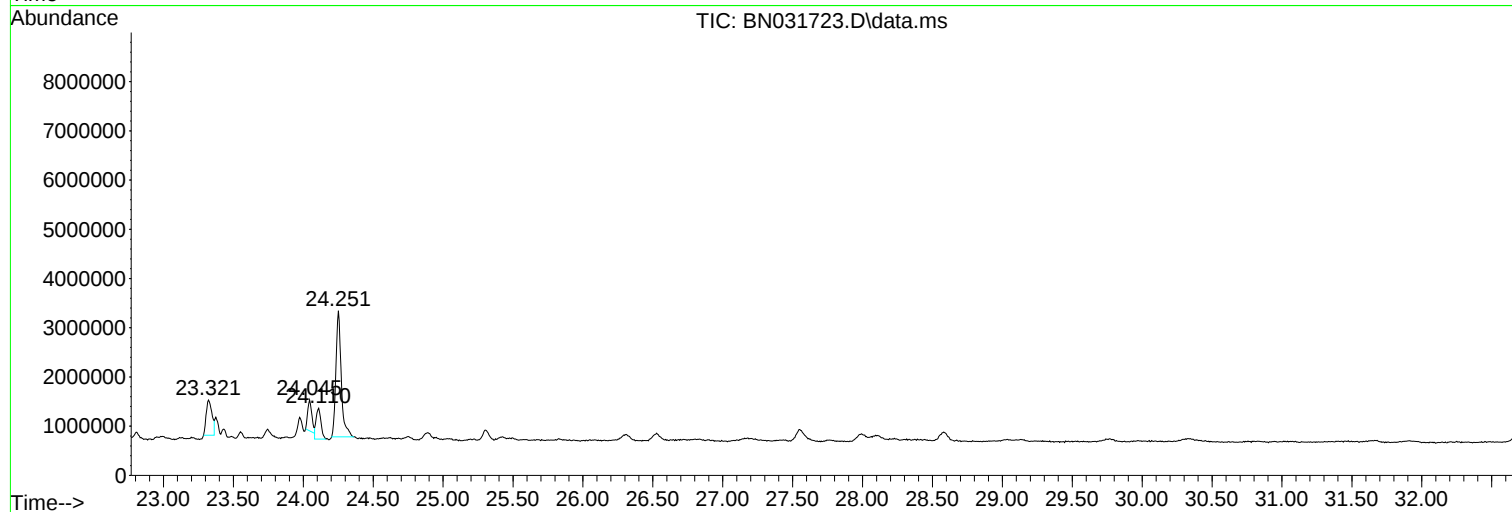
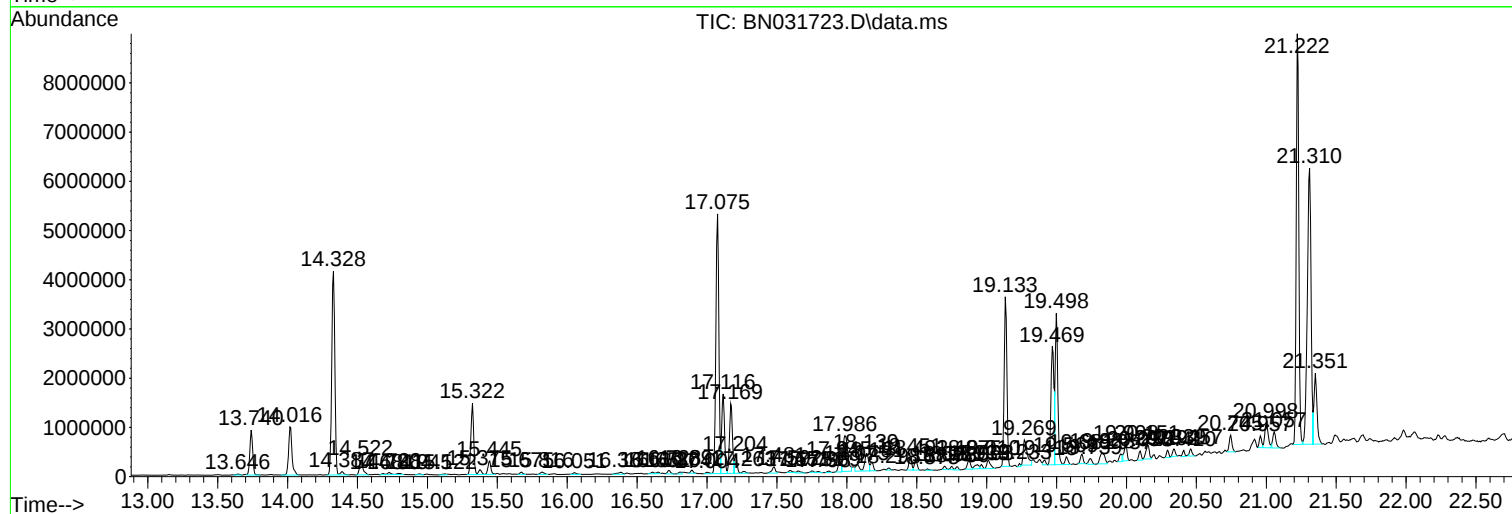
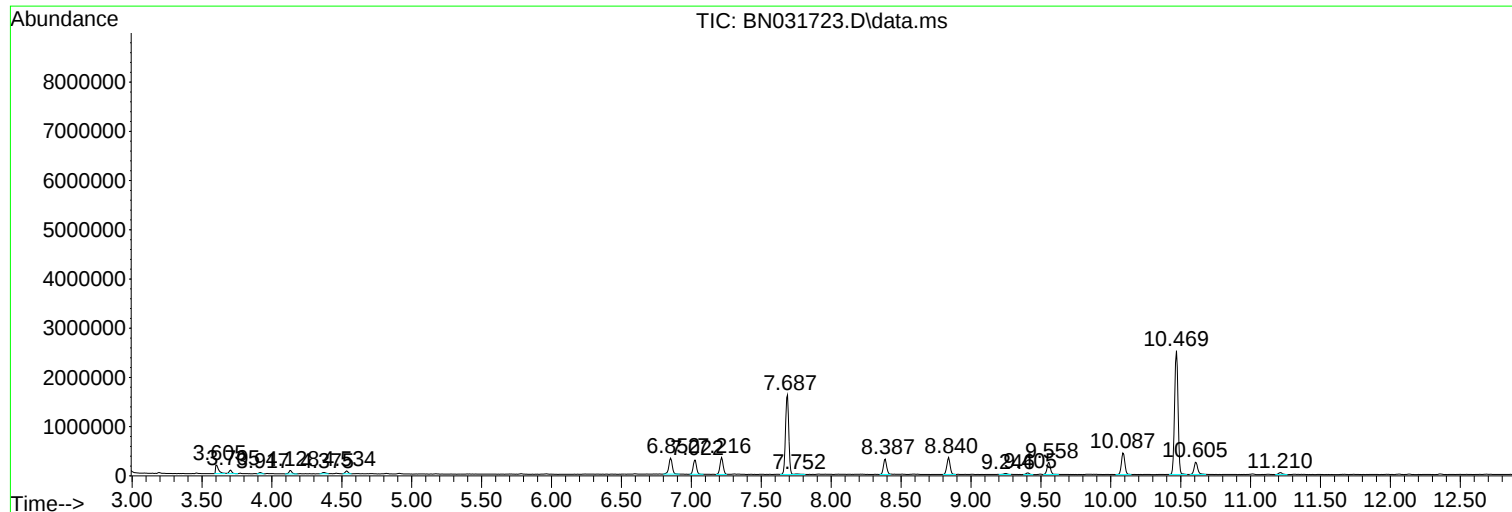
Sum of corrected areas: 96892790

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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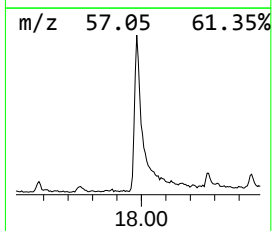
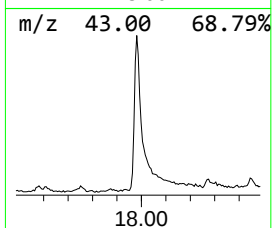
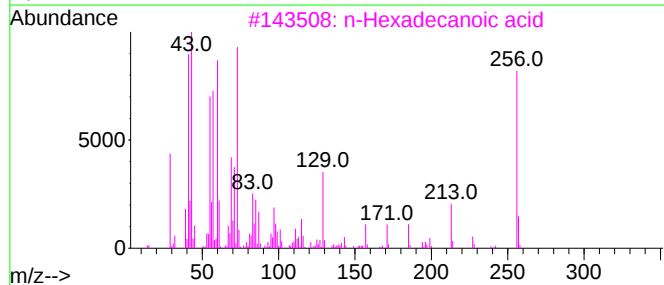
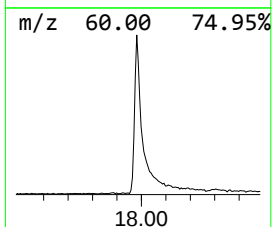
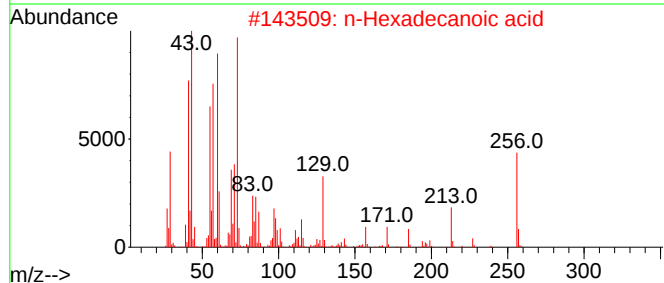
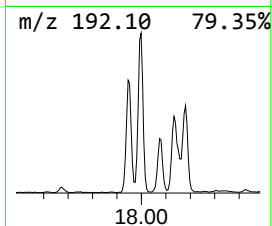
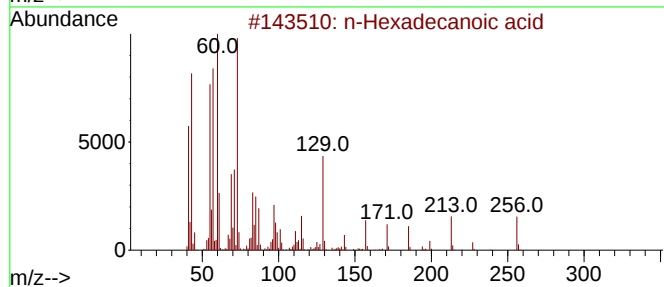
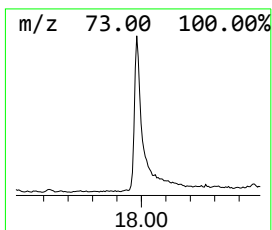
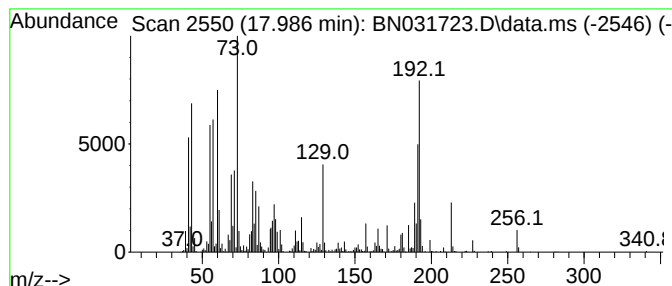
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	4.16 ng/ul	1605470	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	83



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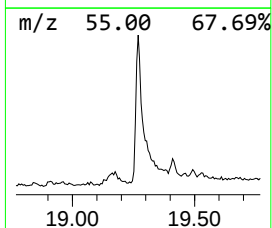
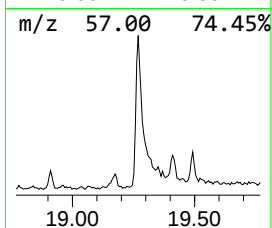
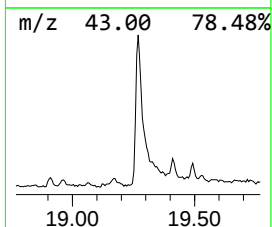
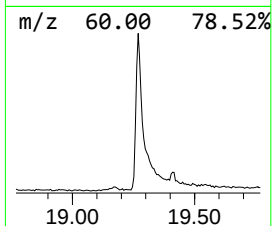
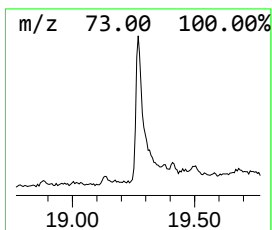
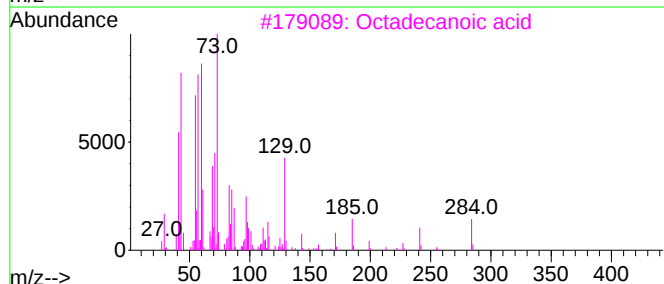
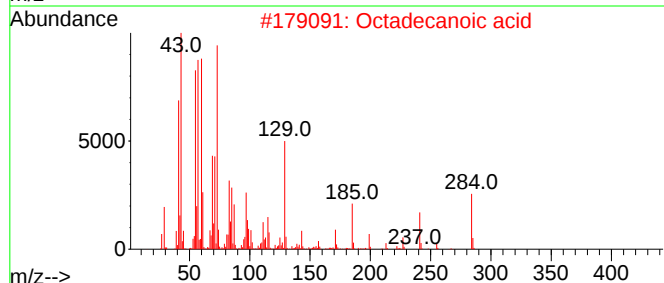
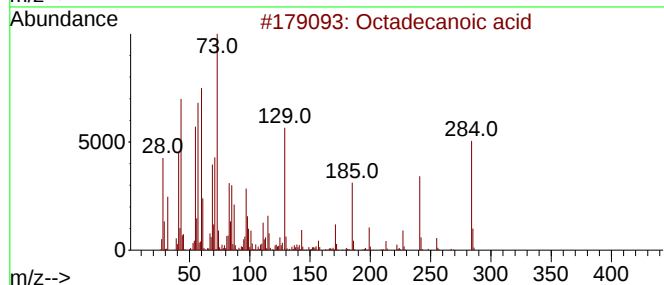
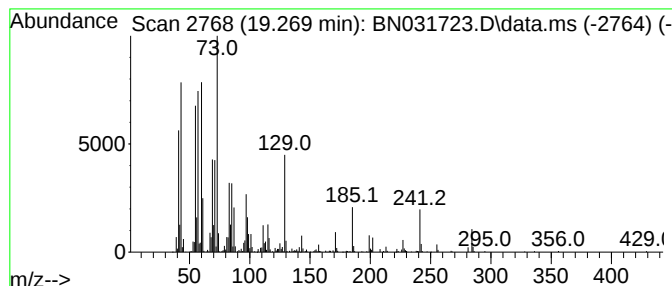
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	2.03 ng/ul	1060330	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Hexadecane	226	C16H34	000544-76-3	90



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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.986	4.2	ng/ul	1605470	4	17.075	7724110	20.0
Octadecanoic acid	19.269	2.0	ng/ul	1060330	5	21.310	10449500	20.0