

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058971.D
 Acq On : 11 Sep 2023 5:52
 Operator : MA/JU
 Sample : 04195-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YC1C2

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_G\Methods\SFAM-EPA-BG091023.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058971.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	21	26	31	rVB4	9244	17654	0.93%	0.114%
2	3.890	67	68	71	rVB2	3959	3511	0.18%	0.023%
3	3.919	71	73	77	rBV4	4203	6061	0.32%	0.039%
4	4.019	86	90	91	rBV2	2833	3478	0.18%	0.022%
5	4.072	94	99	106	rBV	40171	67132	3.53%	0.433%
6	4.207	119	122	123	rBV	5309	3732	0.20%	0.024%
7	4.407	152	156	158	rVB4	5356	5681	0.30%	0.037%
8	4.471	165	167	170	rVB2	3823	3650	0.19%	0.024%
9	4.548	177	180	183	rBV3	3961	4768	0.25%	0.031%
10	4.765	215	217	218	rVB	5347	3438	0.18%	0.022%
11	5.018	256	260	262	rBV3	3252	3705	0.19%	0.024%
12	5.041	262	264	268	rVB2	3236	3619	0.19%	0.023%
13	5.494	340	341	344	rBV	5032	4286	0.23%	0.028%
14	5.705	375	377	380	rVB	3229	3490	0.18%	0.023%
15	5.776	387	389	392	rBV	3123	3410	0.18%	0.022%
16	6.064	435	438	441	rBV	2965	3732	0.20%	0.024%
17	6.199	459	461	463	rVV	4792	4266	0.22%	0.028%
18	6.246	465	469	472	rVV2	3478	4740	0.25%	0.031%
19	6.404	495	496	500	rBV2	3527	3807	0.20%	0.025%
20	6.927	584	585	588	rBV	3153	3406	0.18%	0.022%
21	7.016	596	600	604	rBV2	3945	5631	0.30%	0.036%
22	7.174	625	627	630	rBV	4845	4471	0.24%	0.029%
23	7.427	663	670	680	rBV2	119082	229268	12.06%	1.479%
24	7.533	686	688	692	rBV	3311	4946	0.26%	0.032%
25	7.644	701	707	714	rBV	102772	173286	9.11%	1.118%
26	7.838	730	740	748	rBV	121556	220170	11.58%	1.420%
27	8.044	773	775	780	rVB4	4770	4783	0.25%	0.031%
28	8.326	813	823	831	rBV	270675	497563	26.16%	3.209%
29	8.531	855	858	862	rBV2	3449	4170	0.22%	0.027%
30	8.573	862	865	866	rVV	3748	3475	0.18%	0.022%
31	8.614	870	872	875	rVB	3216	3624	0.19%	0.023%
32	8.907	919	922	924	rVB	3421	3665	0.19%	0.024%
33	9.001	930	938	947	rVB2	153441	278503	14.64%	1.796%
34	9.325	992	993	998	rBV	4732	5976	0.31%	0.039%
35	9.518	1018	1026	1034	rVB2	116528	226631	11.92%	1.462%
36	9.730	1059	1062	1064	rBV3	6458	5367	0.28%	0.035%

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37	9.942	1093	1098	1099	rVV3	2303	3725	0.20%	0.024%
38	9.977	1102	1104	1107	rVB2	3174	3711	0.20%	0.024%
39	10.235	1140	1148	1158	rVB2	99572	184552	9.70%	1.190%
40	10.523	1194	1197	1199	rVB	3672	4201	0.22%	0.027%

41	10.758	1231	1237	1244	rBV	169923	293940	15.46%	1.896%
42	11.169	1297	1307	1317	rVB	425853	784146	41.23%	5.058%
43	11.305	1322	1330	1339	rVB2	136292	263991	13.88%	1.703%
44	11.363	1339	1340	1342	rBV2	5338	4318	0.23%	0.028%
45	12.421	1517	1520	1524	rBV2	3244	4166	0.22%	0.027%

46	12.585	1547	1548	1553	rVB	3898	4298	0.23%	0.028%
47	12.979	1614	1615	1619	rVB	3249	3946	0.21%	0.025%
48	13.396	1684	1686	1689	rVV	2893	3472	0.18%	0.022%
49	13.567	1713	1715	1720	rVB	4615	6108	0.32%	0.039%
50	13.678	1731	1734	1735	rVV	4071	4325	0.23%	0.028%

51	13.702	1735	1738	1742	rVB3	7009	9187	0.48%	0.059%
52	13.784	1747	1752	1756	rVV4	26479	42858	2.25%	0.276%
53	13.825	1758	1759	1764	rVV3	6346	7721	0.41%	0.050%
54	13.913	1768	1774	1777	rVB2	7676	10881	0.57%	0.070%
55	14.236	1826	1829	1834	rBV	3225	5481	0.29%	0.035%

56	14.342	1840	1847	1854	rBV	318767	457443	24.05%	2.951%
57	14.583	1884	1888	1890	rVB	3739	4679	0.25%	0.030%
58	14.648	1890	1899	1906	rBV	342104	557373	29.31%	3.595%
59	14.707	1906	1909	1912	rBV	3572	4398	0.23%	0.028%
60	14.947	1943	1950	1959	rVB	749078	1170968	61.57%	7.553%

61	15.106	1972	1977	1983	rVV2	138854	224182	11.79%	1.446%
62	15.182	1987	1990	1993	rBV2	4378	4354	0.23%	0.028%
63	15.288	2005	2008	2011	rBV2	9083	10653	0.56%	0.069%
64	15.412	2028	2029	2033	rBV2	5169	4630	0.24%	0.030%
65	15.494	2041	2043	2046	rBV	3226	3494	0.18%	0.023%

66	15.547	2050	2052	2056	rVB	4827	5731	0.30%	0.037%
67	15.688	2074	2076	2077	rBV	4345	3723	0.20%	0.024%
68	15.934	2112	2118	2125	rVB	480151	719830	37.85%	4.643%
69	16.034	2130	2135	2142	rVB2	112232	161293	8.48%	1.040%
70	16.169	2155	2158	2161	rVB2	4497	5270	0.28%	0.034%

71	16.217	2164	2166	2170	rBV2	3513	4742	0.25%	0.031%
72	16.275	2174	2176	2180	rVB2	5615	6218	0.33%	0.040%
73	16.316	2180	2183	2185	rBV	4108	5498	0.29%	0.035%
74	16.534	2216	2220	2223	rVB2	6519	6609	0.35%	0.043%
75	16.628	2234	2236	2238	rVV2	5093	3750	0.20%	0.024%

76	16.704	2247	2249	2251	rVV	4069	4307	0.23%	0.028%
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77	16.763	2257	2259	2262	rVB2	4282	4359	0.23%	0.028%
78	16.869	2274	2277	2279	rVB3	5106	4736	0.25%	0.031%
79	16.886	2279	2280	2282	rBV	3960	3467	0.18%	0.022%
80	16.957	2289	2292	2296	rBV2	4484	6232	0.33%	0.040%
81	17.274	2344	2346	2348	rVB3	5959	5300	0.28%	0.034%
82	17.397	2365	2367	2371	rBV4	4019	4352	0.23%	0.028%
83	17.462	2376	2378	2379	rVV2	4747	3836	0.20%	0.025%
84	17.486	2380	2382	2383	rVB2	6552	3809	0.20%	0.025%
85	17.638	2406	2408	2410	rVB2	5952	4801	0.25%	0.031%
86	17.697	2410	2418	2428	rBV	1072040	1635148	85.98%	10.547%
87	17.797	2428	2435	2442	rBV	540484	810909	42.64%	5.231%
88	17.938	2457	2459	2462	rVB4	4654	3426	0.18%	0.022%
89	17.997	2467	2469	2472	rBV3	4207	3835	0.20%	0.025%
90	18.097	2485	2486	2488	rBV	4838	4765	0.25%	0.031%
91	18.185	2498	2501	2504	rBV4	4420	5979	0.31%	0.039%
92	18.285	2516	2518	2519	rBV2	5798	4401	0.23%	0.028%
93	18.520	2553	2558	2566	rBV2	203115	278763	14.66%	1.798%
94	18.772	2599	2601	2603	rBV3	8351	5096	0.27%	0.033%
95	19.777	2768	2772	2778	rBV	162510	224141	11.79%	1.446%
96	20.065	2815	2821	2832	rVB	678120	952151	50.07%	6.142%
97	21.575	3074	3078	3085	rVB8	60786	93425	4.91%	0.603%
98	22.021	3147	3154	3162	rVB2	947696	1726712	90.80%	11.138%
99	25.335	3709	3718	3731	rVB	316089	968587	50.93%	6.248%
100	25.588	3750	3761	3776	rVB	587869	1901765	100.00%	12.267%

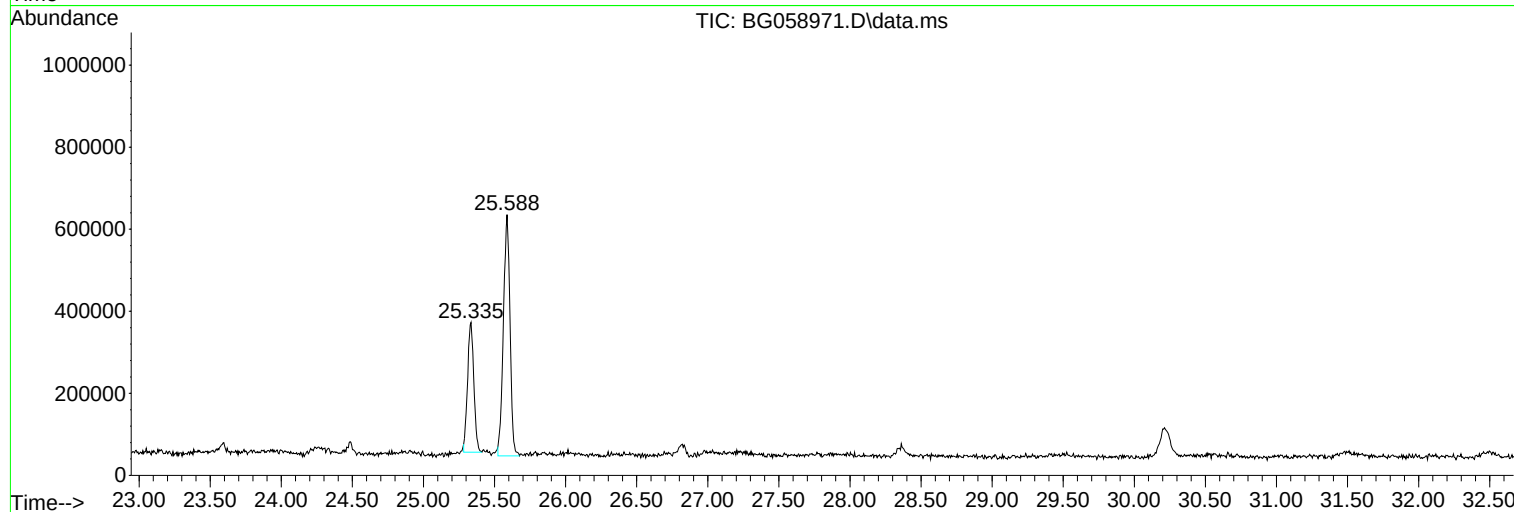
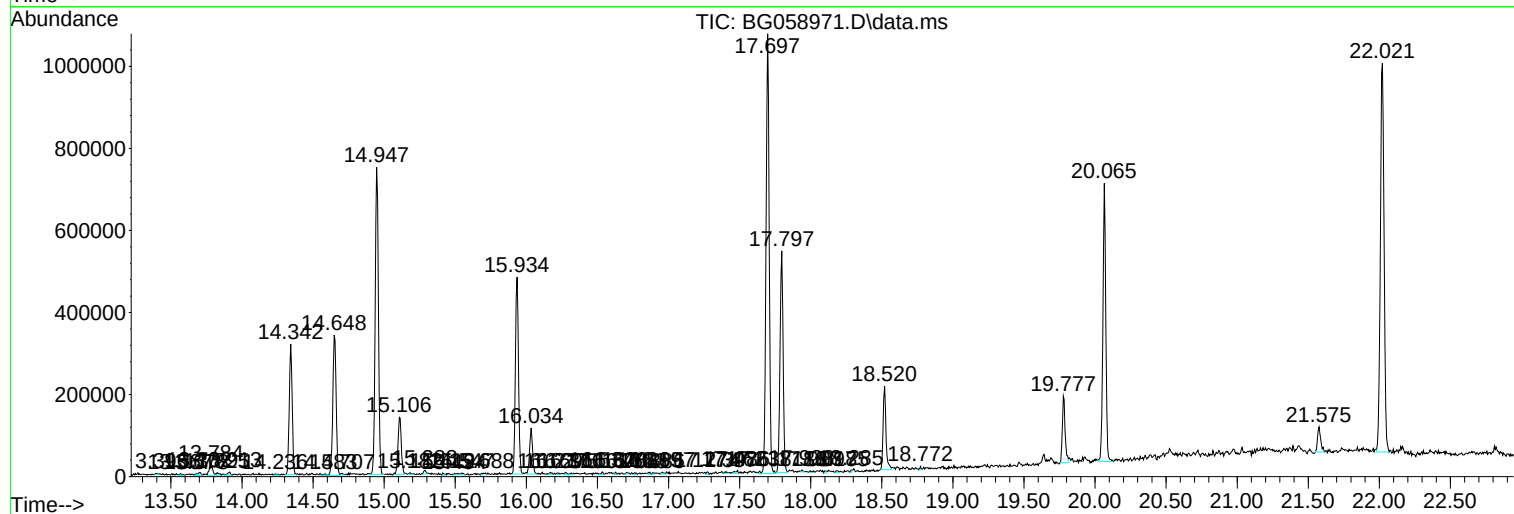
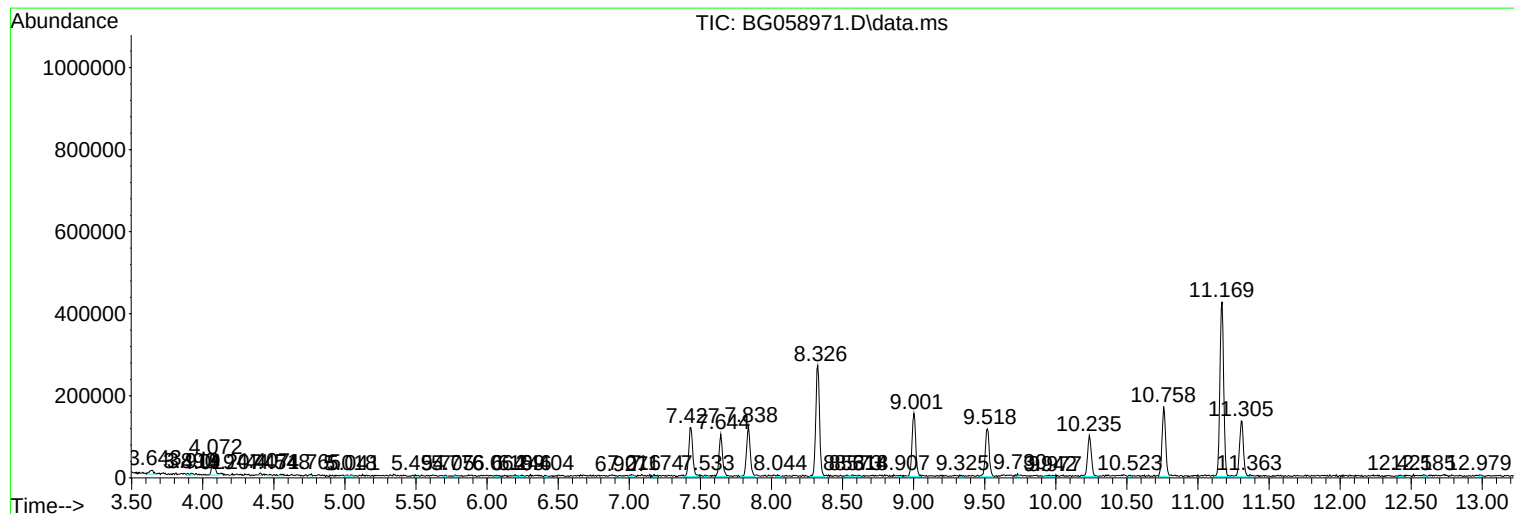
Sum of corrected areas: 15503262

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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



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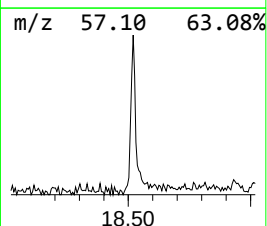
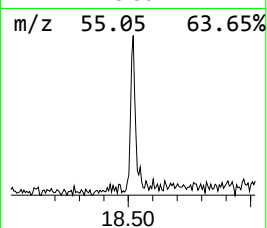
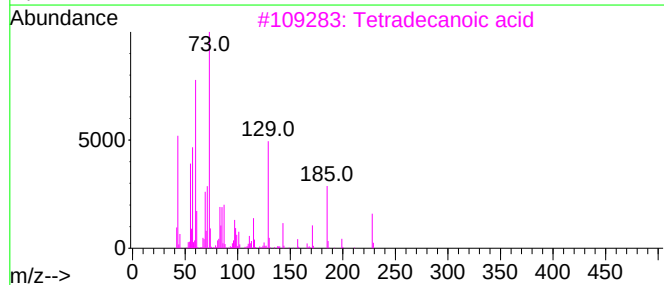
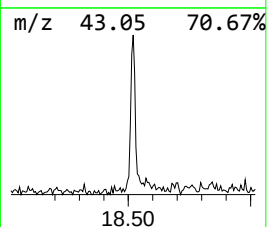
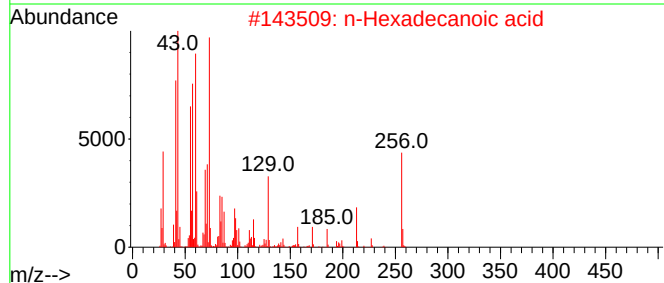
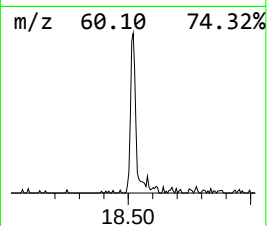
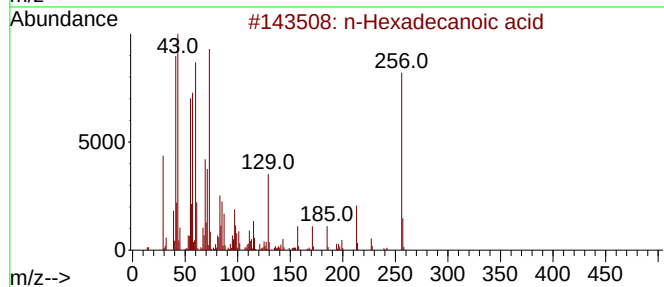
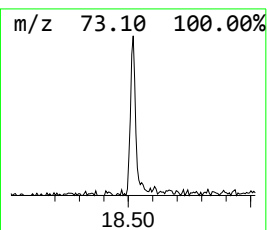
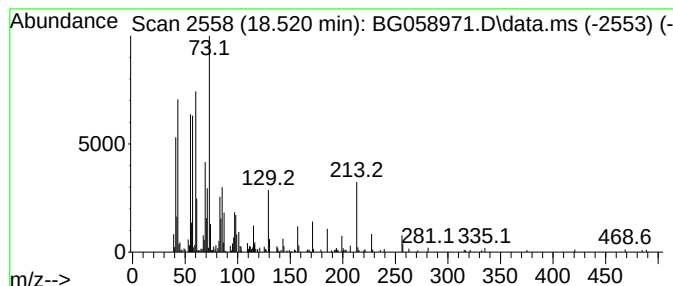
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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.
18.520	3.41 ng/ul	278763	Phenanthrene-d10	17.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Octadecanoic acid	284	C18H36O2	000057-11-4	68



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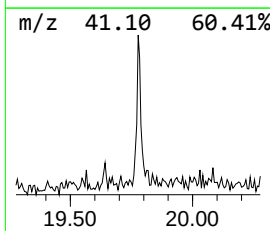
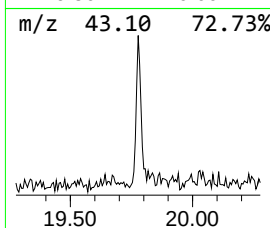
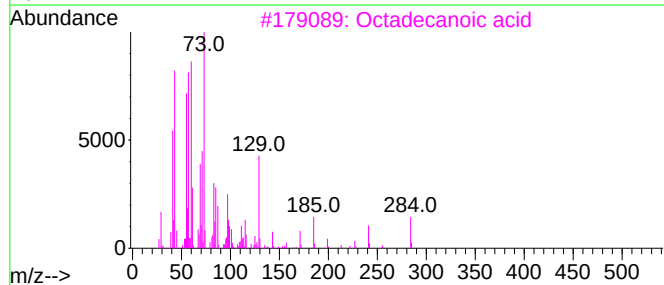
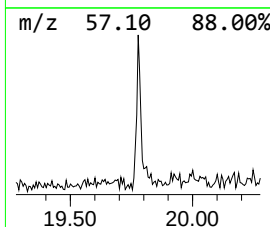
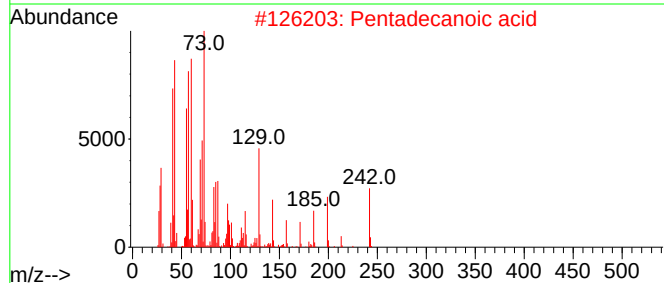
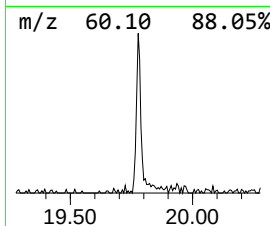
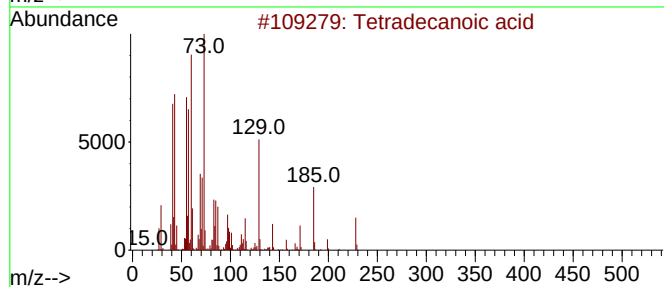
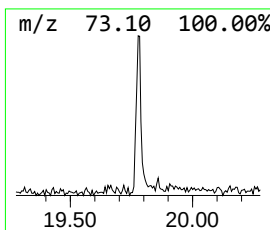
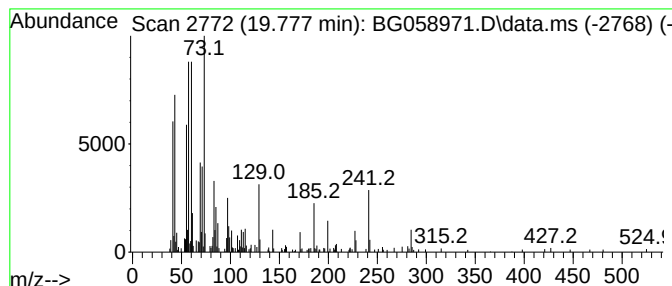
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.777	2.74 ng/ul	224141	Phenanthrene-d10	17.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	92
4			Octadecanoic acid	284	C18H36O2	000057-11-4	89
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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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 ...	18.520	3.4	ng/ul	278763	4	17.697	1635150	20.0
Tetradecanoic acid	19.777	2.7	ng/ul	224141	4	17.697	1635150	20.0