

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059636.D
 Acq On : 5 Nov 2023 00:46
 Operator : MA/JU
 Sample : 05013-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49Q8

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-BG110323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.576	28	32	33	rBV4	4297	4356	0.39%	0.044%
2	3.788	66	68	73	rBV4	4666	7291	0.66%	0.073%
3	4.088	115	119	123	rBV	26760	40194	3.64%	0.405%
4	4.205	138	139	142	rVB2	4811	4320	0.39%	0.044%
5	4.293	152	154	155	rBV	6202	4073	0.37%	0.041%
6	4.352	163	164	167	rBV	5651	5336	0.48%	0.054%
7	4.422	174	176	182	rVB3	7616	10805	0.98%	0.109%
8	4.540	193	196	201	rVB2	3679	5559	0.50%	0.056%
9	4.581	201	203	207	rVB3	6018	6234	0.56%	0.063%
10	4.616	207	209	211	rVB3	4466	3655	0.33%	0.037%
11	4.634	211	212	215	rBV2	4102	3826	0.35%	0.039%
12	4.663	215	217	220	rVB2	4462	4141	0.38%	0.042%
13	4.693	220	222	225	rBV2	5326	5570	0.50%	0.056%
14	4.998	271	274	277	rVB	4891	5334	0.48%	0.054%
15	5.116	292	294	297	rBV	5000	5381	0.49%	0.054%
16	5.180	303	305	308	rBV2	4429	4572	0.41%	0.046%
17	5.739	398	400	402	rBV	4147	3511	0.32%	0.035%
18	5.815	411	413	415	rVB	4925	4268	0.39%	0.043%
19	5.862	419	421	424	rVB	5406	4674	0.42%	0.047%
20	5.938	433	434	436	rBV	3776	3701	0.34%	0.037%
21	6.103	460	462	466	rVB	3660	4167	0.38%	0.042%
22	6.132	466	467	472	rVB	3835	4188	0.38%	0.042%
23	6.191	475	477	478	rBV	5127	3986	0.36%	0.040%
24	6.696	561	563	566	rBV	4347	4161	0.38%	0.042%
25	6.802	579	581	585	rVB3	3901	4381	0.40%	0.044%
26	6.908	595	599	602	rBV3	4606	6396	0.58%	0.064%
27	7.108	631	633	637	rVB	3510	3581	0.32%	0.036%
28	7.149	637	640	641	rBV	4017	3474	0.31%	0.035%
29	7.466	687	694	702	rVB2	38908	71508	6.48%	0.720%
30	7.619	719	720	722	rBV2	6158	4317	0.39%	0.043%
31	7.666	723	728	735	rVV	106904	174108	15.78%	1.753%
32	7.783	746	748	750	rBV	5342	3587	0.33%	0.036%
33	7.865	754	762	769	rBV	140261	245824	22.28%	2.476%
34	7.971	779	780	784	rBV	5882	4256	0.39%	0.043%
35	8.300	834	836	839	rBV	4875	5422	0.49%	0.055%
36	8.353	839	845	852	rVB2	119530	202564	18.36%	2.040%

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37	8.412	852	855	857	rBV2	4395	5405	0.49%	0.054%
38	8.565	879	881	884	rVV	5088	4592	0.42%	0.046%
39	8.600	885	887	889	rVB	5575	3590	0.33%	0.036%
40	8.635	889	893	894	rBV	4563	5387	0.49%	0.054%

41	8.905	935	939	943	rVB	4664	5929	0.54%	0.060%
42	8.941	943	945	948	rBV	3598	3907	0.35%	0.039%
43	9.035	954	961	969	rVB2	112471	204826	18.56%	2.063%
44	9.552	1041	1049	1055	rBV3	150412	283109	25.65%	2.851%
45	9.611	1058	1059	1062	rVB	5921	3697	0.34%	0.037%

46	9.951	1114	1117	1120	rBV	4363	6593	0.60%	0.066%
47	10.269	1162	1171	1179	rBV2	135258	260168	23.58%	2.620%
48	10.351	1183	1185	1188	rBV2	4167	5413	0.49%	0.055%
49	10.457	1199	1203	1205	rBV2	6294	9901	0.90%	0.100%
50	10.539	1215	1217	1220	rVB2	4265	4292	0.39%	0.043%

51	10.568	1220	1222	1226	rBV2	4166	5672	0.51%	0.057%
52	10.733	1247	1250	1253	rBV	5020	6441	0.58%	0.065%
53	10.797	1253	1261	1272	rVB	218971	403289	36.55%	4.061%
54	11.203	1322	1330	1337	rBV	172424	315250	28.57%	3.175%
55	11.338	1346	1353	1362	rBV2	158006	294581	26.69%	2.967%

56	11.579	1391	1394	1396	rBV2	4386	6384	0.58%	0.064%
57	11.843	1437	1439	1441	rBV2	3345	3753	0.34%	0.038%
58	11.925	1449	1453	1454	rBV2	4819	4719	0.43%	0.048%
59	11.990	1462	1464	1467	rBV2	4697	5936	0.54%	0.060%
60	12.601	1565	1568	1570	rBV2	9138	8269	0.75%	0.083%

61	12.642	1573	1575	1578	rVV2	4807	7703	0.70%	0.078%
62	12.672	1578	1580	1582	rVV2	10302	9468	0.86%	0.095%
63	12.748	1590	1593	1599	rVV3	5910	12118	1.10%	0.122%
64	12.848	1605	1610	1615	rBV	4813	10048	0.91%	0.101%
65	12.889	1615	1617	1620	rBV	4483	5642	0.51%	0.057%

66	13.077	1645	1649	1654	rBV	4754	9342	0.85%	0.094%
67	13.247	1677	1678	1680	rBV	5753	4463	0.40%	0.045%
68	13.383	1699	1701	1704	rBV	5743	5888	0.53%	0.059%
69	13.653	1744	1747	1748	rBV	4392	5041	0.46%	0.051%
70	13.735	1759	1761	1764	rVB	7191	6838	0.62%	0.069%

71	13.764	1764	1766	1768	rBV	7244	4311	0.39%	0.043%
72	13.864	1780	1783	1786	rBV	4985	6562	0.59%	0.066%
73	13.894	1786	1788	1793	rBV	5036	7809	0.71%	0.079%
74	14.058	1814	1816	1819	rBV	5729	6010	0.54%	0.061%
75	14.082	1819	1820	1822	rBV	4428	3636	0.33%	0.037%

76	14.376	1863	1870	1879	rBV	509198	754115	68.34%	7.594%
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77	14.528	1893	1896	1897	rBV	5811	4444	0.40%	0.045%
78	14.628	1912	1913	1915	rBV	7149	4102	0.37%	0.041%
79	14.681	1915	1922	1932	rVV2	513662	833748	75.55%	8.396%
80	14.981	1966	1973	1982	rBV2	294081	462465	41.91%	4.657%
81	15.151	1997	2002	2007	rBV3	48712	85586	7.76%	0.862%
82	15.327	2028	2032	2035	rBV4	8258	12185	1.10%	0.123%
83	15.709	2096	2097	2101	rBV4	4549	4921	0.45%	0.050%
84	15.774	2106	2108	2110	rVV	7000	5361	0.49%	0.054%
85	15.815	2113	2115	2119	rVB	7127	6797	0.62%	0.068%
86	15.968	2134	2141	2148	rBV2	654020	1009966	91.52%	10.171%
87	16.068	2152	2158	2164	rBV	179247	281587	25.52%	2.836%
88	16.291	2194	2196	2197	rBV	4355	3971	0.36%	0.040%
89	16.385	2207	2212	2215	rBV2	4731	9174	0.83%	0.092%
90	16.408	2215	2216	2219	rVV	5543	4509	0.41%	0.045%
91	17.213	2352	2353	2355	rBV	7787	5477	0.50%	0.055%
92	17.437	2387	2391	2395	rBV4	5086	5321	0.48%	0.054%
93	17.607	2418	2420	2424	rVB4	8064	8370	0.76%	0.084%
94	17.642	2424	2426	2430	rBV	4293	3622	0.33%	0.036%
95	17.730	2435	2441	2449	rVB	356542	537138	48.67%	5.409%
96	17.830	2452	2458	2465	rVV2	672582	1025170	92.90%	10.324%
97	18.547	2576	2580	2586	rBV	131922	165160	14.97%	1.663%
98	19.810	2791	2795	2800	rBV3	74495	95024	8.61%	0.957%
99	20.104	2839	2845	2856	rVB	760174	1103537	100.00%	11.113%
100	22.067	3173	3179	3186	rVB2	358891	649708	58.88%	6.543%

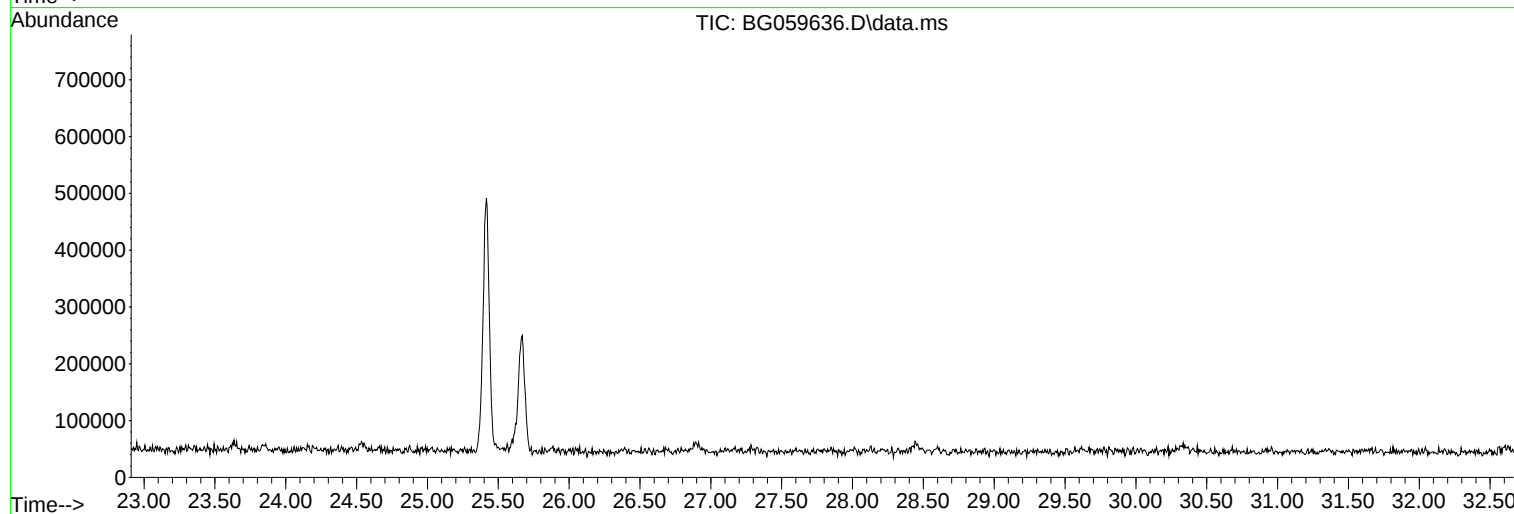
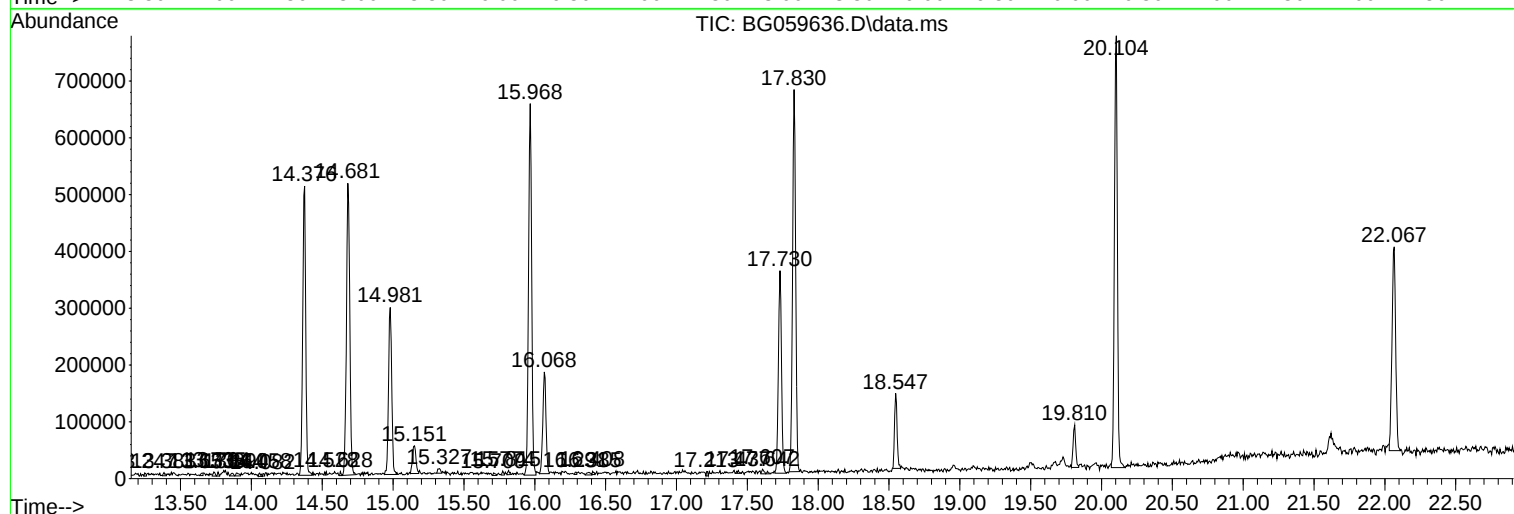
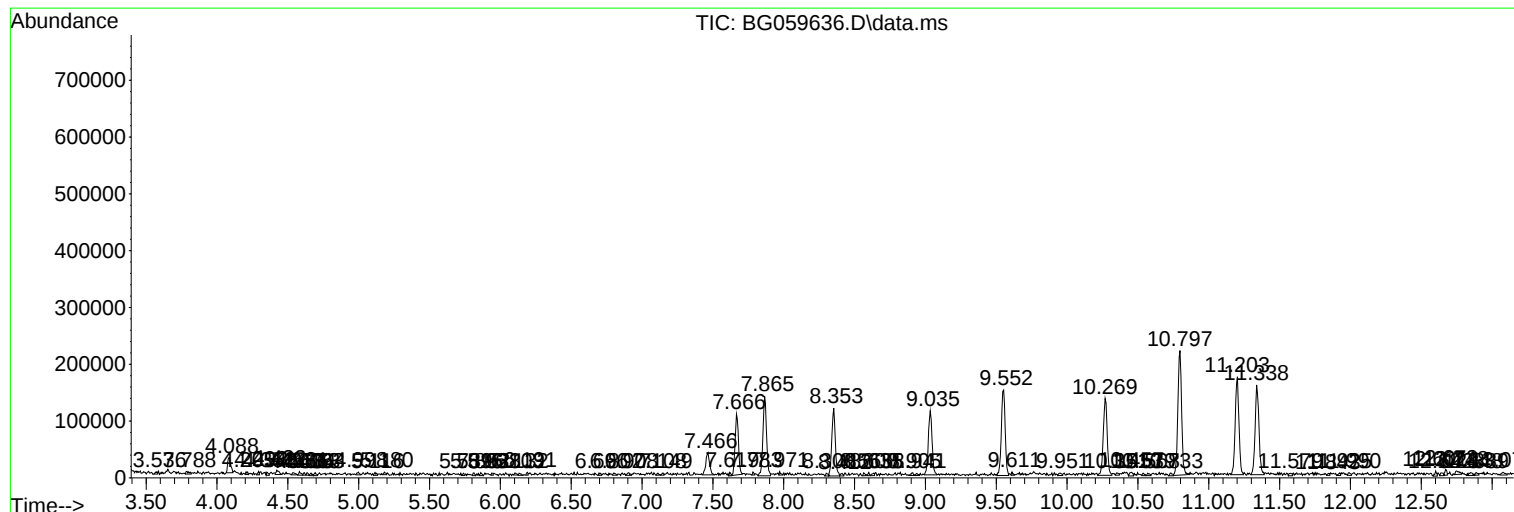
Sum of corrected areas: 9930161

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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



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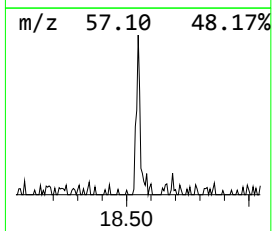
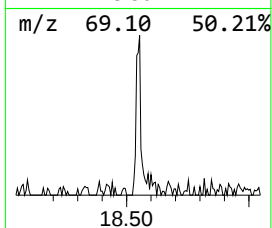
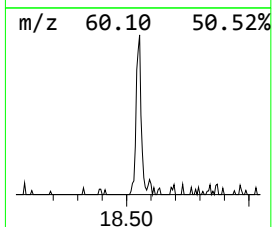
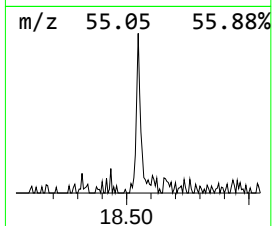
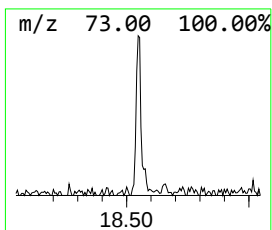
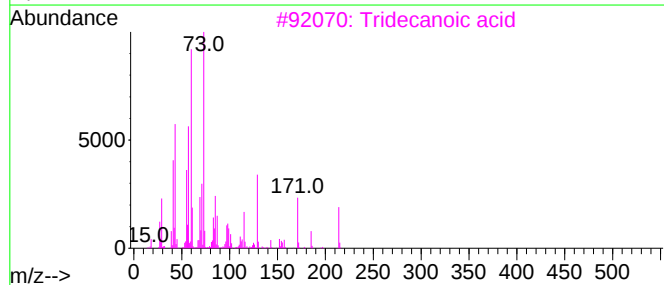
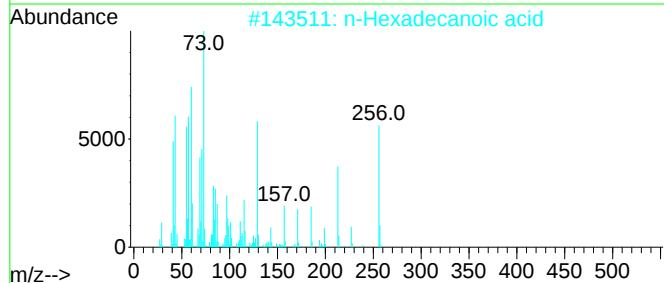
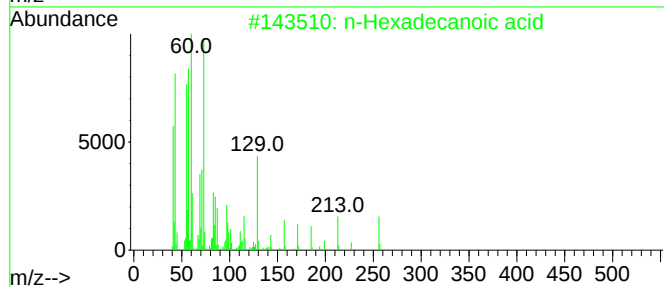
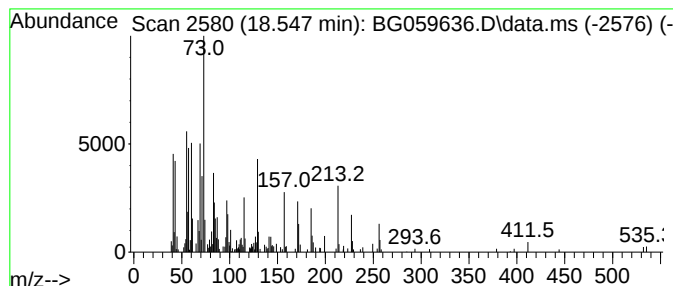
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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.
18.547	6.15 ng/ul	165160	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58		
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47		
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47		
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47		



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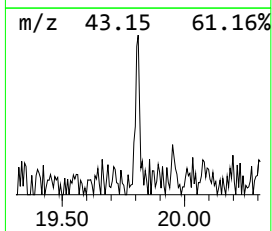
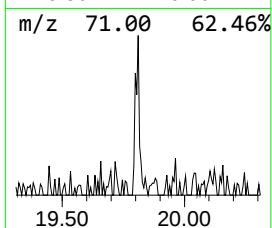
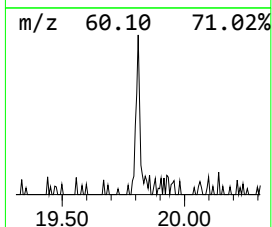
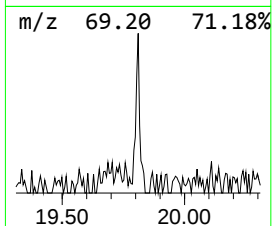
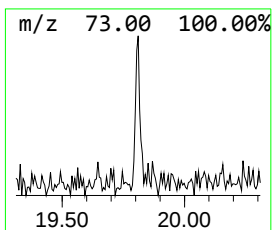
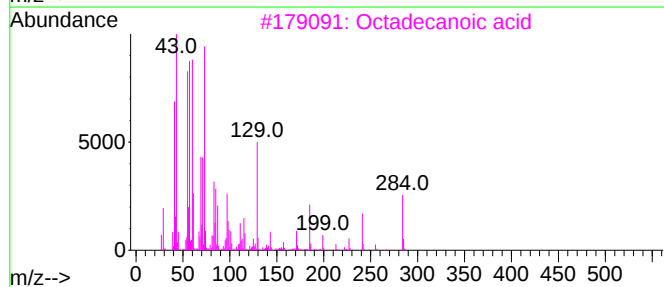
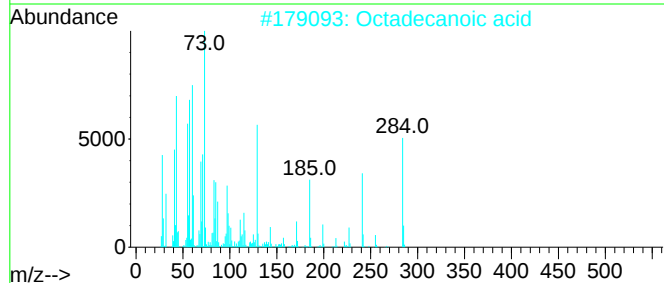
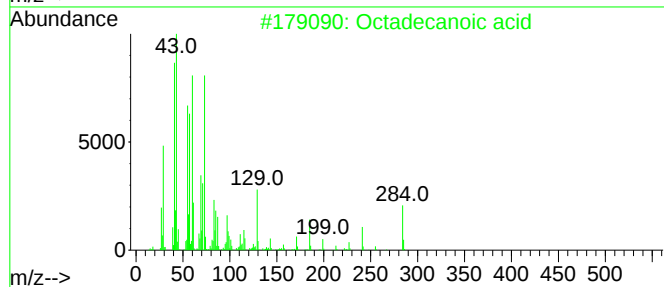
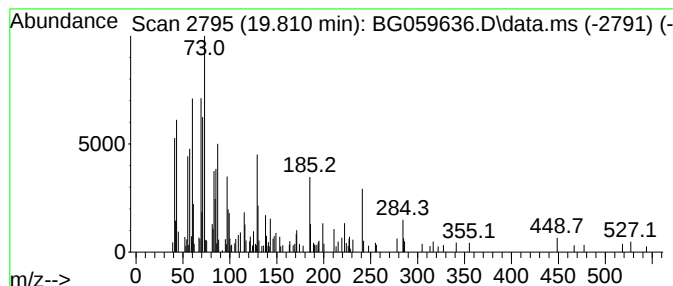
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.810	3.54 ng/ul	95024	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	60
2			Octadecanoic acid	284	C18H36O2	000057-11-4	49
3			Octadecanoic acid	284	C18H36O2	000057-11-4	46
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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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 ...	18.547	6.2	ng/ul	165160	4	17.730	537138	20.0
Octadecanoic acid	19.810	3.5	ng/ul	95024	4	17.730	537138	20.0