

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025158.D
 Acq On : 13 Dec 2016 23:27
 Operator : UM/SJ
 Sample : H5993-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P036-SS016-1824-03

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\SOM02.2-EPA-BG113016.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	3.261	69	72	74	rBV4	9237	12572	0.47%	0.050%
2	3.438	99	102	105	rVB4	8494	9490	0.36%	0.038%
3	3.584	123	127	137	rVB6	19229	33934	1.27%	0.135%
4	3.878	173	177	179	rBV	8955	10219	0.38%	0.041%
5	3.949	187	189	194	rVB6	5665	6934	0.26%	0.028%
6	4.037	200	204	207	rBV5	5171	9183	0.34%	0.037%
7	4.207	229	233	235	rBV4	6194	8726	0.33%	0.035%
8	4.272	241	244	246	rVB4	6439	8255	0.31%	0.033%
9	4.354	251	258	262	rBV4	13069	21368	0.80%	0.085%
10	4.560	288	293	295	rBV4	5511	7962	0.30%	0.032%
11	5.194	400	401	406	rBV3	8990	9055	0.34%	0.036%
12	5.341	425	426	434	rBV7	6076	11386	0.43%	0.045%
13	5.606	466	471	472	rVB4	6896	7748	0.29%	0.031%
14	5.700	483	487	492	rVB4	6178	12603	0.47%	0.050%
15	5.753	492	496	498	rBV3	7409	8759	0.33%	0.035%
16	5.841	507	511	520	rVB10	6190	14268	0.54%	0.057%
17	5.993	533	537	541	rBV6	6020	9735	0.37%	0.039%
18	6.111	552	557	561	rBV5	6847	13914	0.52%	0.055%
19	6.199	566	572	577	rBV7	10848	19461	0.73%	0.077%
20	6.281	580	586	587	rBV5	5084	7942	0.30%	0.032%
21	6.693	652	656	658	rBV4	6311	7616	0.29%	0.030%
22	6.804	668	675	677	rVB3	5391	10171	0.38%	0.041%
23	7.386	765	774	787	rBV2	311034	676116	25.39%	2.692%
24	7.550	796	802	811	rBV	210525	369411	13.87%	1.471%
25	7.644	815	818	822	rBV3	7453	7278	0.27%	0.029%
26	7.768	832	839	846	rBV	274913	520632	19.55%	2.073%
27	7.844	847	852	858	rVB4	30203	51103	1.92%	0.204%
28	7.962	871	872	878	rBV4	4379	6713	0.25%	0.027%
29	8.167	902	907	910	rBV4	5205	8237	0.31%	0.033%
30	8.238	910	919	932	rBV2	327852	599966	22.53%	2.389%
31	8.367	938	941	944	rBV3	5854	7723	0.29%	0.031%
32	8.461	950	957	960	rBV5	5778	10497	0.39%	0.042%
33	8.490	960	962	967	rVV4	6410	8043	0.30%	0.032%
34	8.555	967	973	974	rVB4	4605	6612	0.25%	0.026%

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35	8.614	982	983	991	rVB6	4935	9059	0.34%	0.036%
36	8.943	1028	1039	1055	rBV	392852	773443	29.05%	3.080%
37	9.072	1057	1061	1069	rVB8	12572	32044	1.20%	0.128%
38	9.131	1069	1071	1076	rBV5	7026	12297	0.46%	0.049%
39	9.419	1109	1120	1128	rBV	322468	617556	23.19%	2.459%
40	9.683	1164	1165	1169	rBV3	5934	8249	0.31%	0.033%
41	9.742	1169	1175	1181	rVB5	14973	28591	1.07%	0.114%
42	9.936	1203	1208	1210	rBV3	5055	7432	0.28%	0.030%
43	9.983	1215	1216	1221	rVB3	7437	7799	0.29%	0.031%
44	10.141	1236	1243	1255	rVB2	295233	577240	21.68%	2.299%
45	10.241	1255	1260	1264	rBV4	5613	9324	0.35%	0.037%
46	10.341	1273	1277	1281	rBV6	9770	14398	0.54%	0.057%
47	10.688	1326	1336	1344	rBV	430948	845434	31.75%	3.367%
48	10.753	1345	1347	1349	rVB3	8061	6954	0.26%	0.028%
49	10.958	1381	1382	1390	rVB4	6271	13973	0.52%	0.056%
50	11.064	1390	1400	1415	rBV	484373	965389	36.25%	3.844%
51	11.205	1415	1424	1439	rVV	248033	509611	19.14%	2.029%
52	11.687	1503	1506	1510	rBV3	5354	7551	0.28%	0.030%
53	11.740	1510	1515	1518	rVB6	4997	8046	0.30%	0.032%
54	11.828	1526	1530	1537	rBV6	7808	18255	0.69%	0.073%
55	12.028	1563	1564	1569	rBV4	5343	7017	0.26%	0.028%
56	12.227	1592	1598	1605	rBV2	31580	50577	1.90%	0.201%
57	12.521	1644	1648	1652	rBV5	6333	11239	0.42%	0.045%
58	12.633	1662	1667	1675	rVV7	10458	23444	0.88%	0.093%
59	12.709	1675	1680	1690	rVB5	17215	40053	1.50%	0.159%
60	12.915	1710	1715	1717	rBV3	9683	11182	0.42%	0.045%
61	13.050	1735	1738	1741	rBV2	6073	7267	0.27%	0.029%
62	13.126	1746	1751	1755	rBV5	6316	9705	0.36%	0.039%
63	13.208	1759	1765	1769	rBV6	7086	9189	0.35%	0.037%
64	13.444	1798	1805	1809	rBV8	12333	18897	0.71%	0.075%
65	13.573	1824	1827	1831	rBV4	6760	7756	0.29%	0.031%
66	13.637	1835	1838	1842	rVB4	9989	14765	0.55%	0.059%
67	13.714	1842	1851	1859	rBV9	14290	44773	1.68%	0.178%
68	13.802	1859	1866	1869	rBV6	8282	17034	0.64%	0.068%
69	13.890	1878	1881	1883	rBV4	10899	9655	0.36%	0.038%
70	13.914	1883	1885	1888	rVB4	7152	8462	0.32%	0.034%
71	14.019	1898	1903	1904	rBV5	8562	12075	0.45%	0.048%

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72	14.102	1916	1917	1922	rVB5	8058	10486	0.39%	0.042%
73	14.137	1922	1923	1926	rBV3	7215	6842	0.26%	0.027%
74	14.184	1927	1931	1934	rBV6	11372	20833	0.78%	0.083%
75	14.254	1935	1943	1947	rVV	893914	1351609	50.76%	5.382%
76	14.295	1947	1950	1962	rVB	143196	228108	8.57%	0.908%
77	14.431	1965	1973	1975	rBV7	9414	20722	0.78%	0.083%
78	14.478	1975	1981	1983	rBV7	8289	16218	0.61%	0.065%
79	14.560	1987	1995	2002	rBV	907125	1460334	54.84%	5.815%
80	14.701	2016	2019	2027	rVB6	21347	33973	1.28%	0.135%
81	14.859	2037	2046	2053	rBV	894642	1428532	53.65%	5.689%
82	14.983	2064	2067	2071	rVB6	10696	10028	0.38%	0.040%
83	15.065	2073	2081	2097	rBV2	373016	741081	27.83%	2.951%
84	15.230	2105	2109	2112	rBV6	13611	22970	0.86%	0.091%
85	15.347	2128	2129	2132	rBV3	10817	13039	0.49%	0.052%
86	15.612	2171	2174	2176	rBV3	12453	12971	0.49%	0.052%
87	15.647	2176	2180	2186	rVB2	49831	78048	2.93%	0.311%
88	15.847	2207	2214	2222	rBV	1239872	1935598	72.69%	7.708%
89	15.976	2229	2236	2242	rBV	412222	672752	25.26%	2.679%
90	16.105	2252	2258	2264	rVB4	67157	122077	4.58%	0.486%
91	16.505	2323	2326	2334	rBV2	63900	116350	4.37%	0.463%
92	16.599	2338	2342	2348	rBV3	82015	117503	4.41%	0.468%
93	16.951	2399	2402	2410	rVB9	39836	66910	2.51%	0.266%
94	17.298	2458	2461	2465	rVB	39160	50732	1.91%	0.202%
95	17.603	2507	2513	2523	rBV	1001064	1708565	64.16%	6.804%
96	17.703	2524	2530	2538	rVB2	1251509	1951220	73.28%	7.770%
97	18.444	2652	2656	2666	rBV2	494144	769784	28.91%	3.065%
98	19.701	2867	2870	2874	rBV2	215972	257185	9.66%	1.024%
99	19.977	2912	2917	2927	rBV	1574399	2662856	100.00%	10.604%
100	21.898	3239	3244	3250	rVB	1101623	1915149	71.92%	7.626%

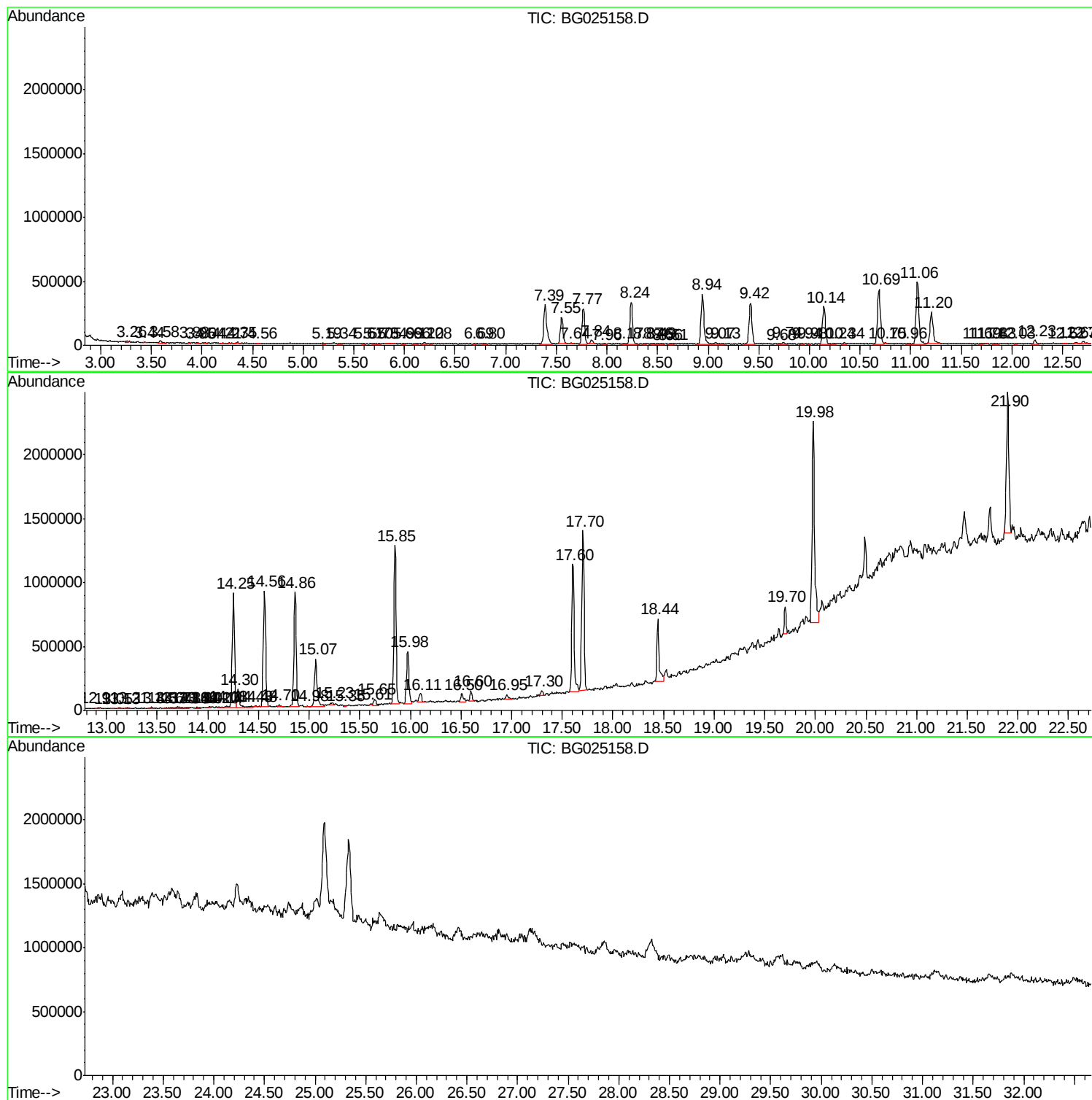
Sum of corrected areas: 25111842

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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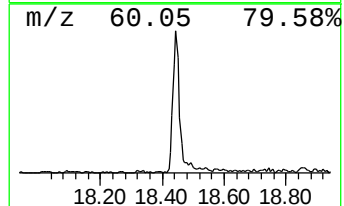
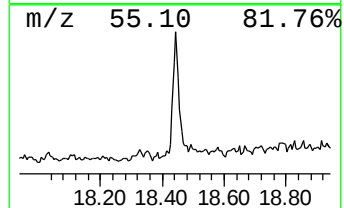
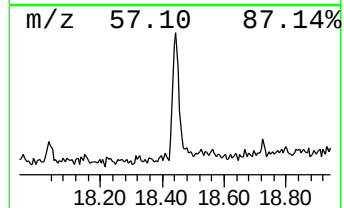
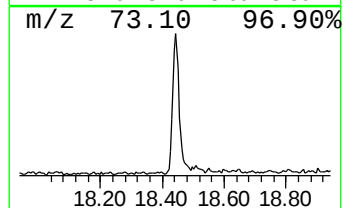
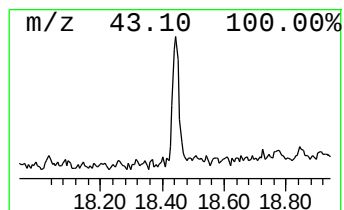
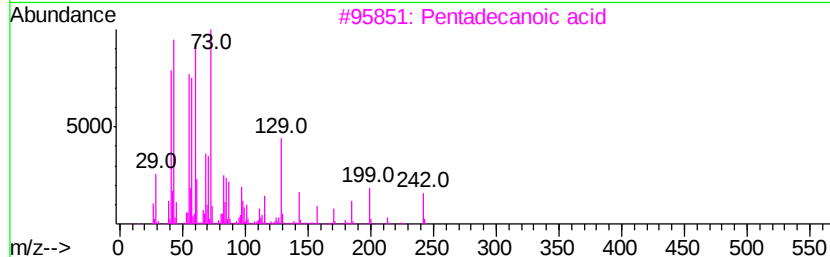
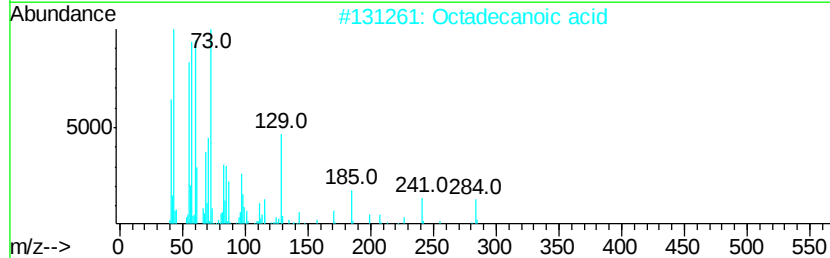
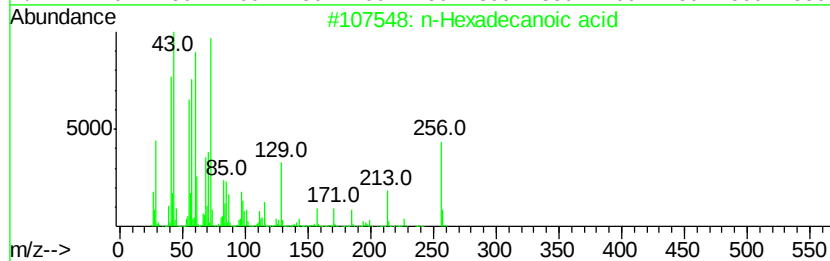
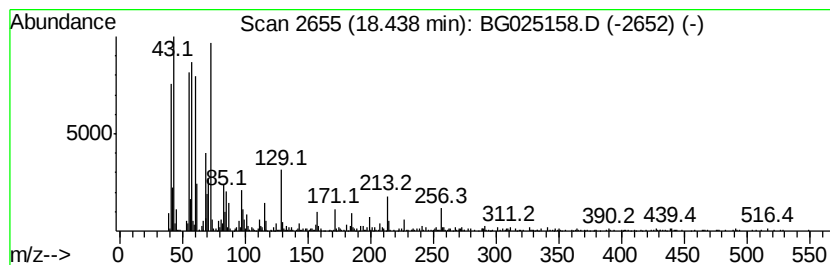
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
18.44	9.01 ng/ul	769784	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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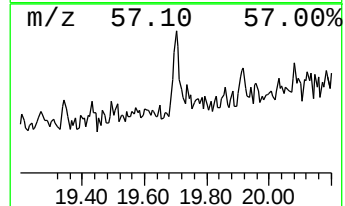
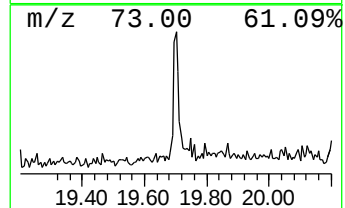
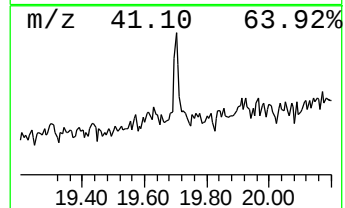
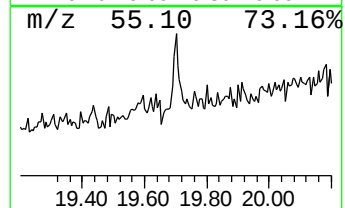
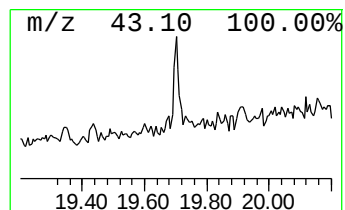
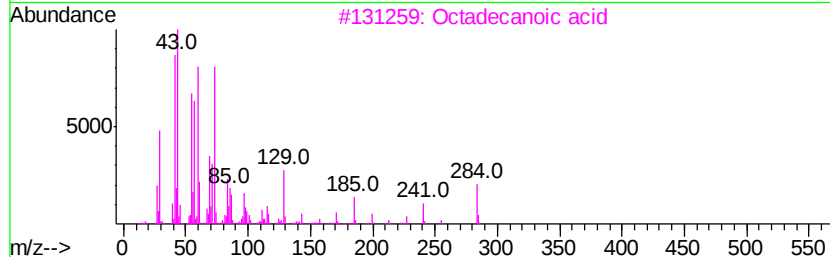
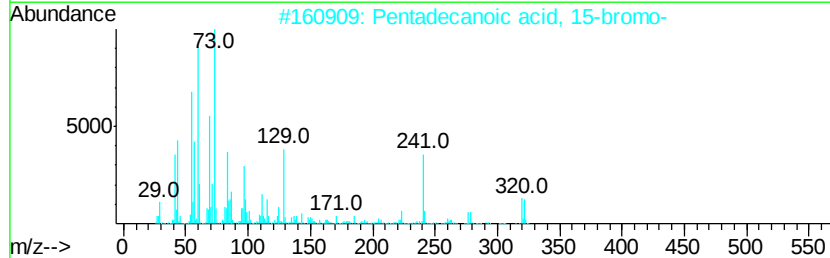
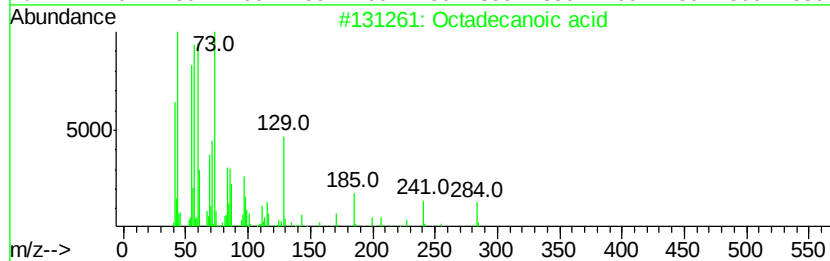
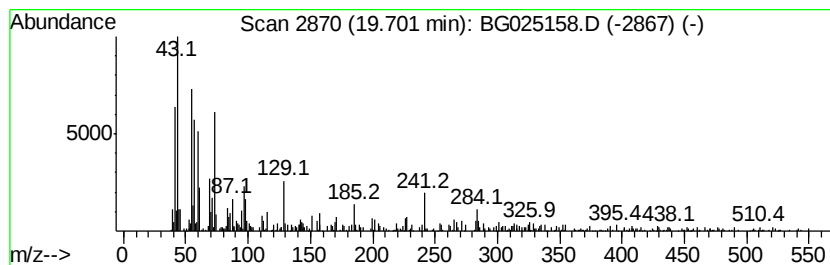
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.01 ng/ul	257185	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	78
2		Pentadecanoic acid, 15-bromo-	320	C15H29BrO2	056523-59-2	64
3		Octadecanoic acid	284	C18H36O2	000057-11-4	60
4		Tricosanoic acid	354	C23H46O2	002433-96-7	46
5		o-Acetyl-L-serine	147	C5H9NO4	005147-00-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.44	9.0	ng/ul	769784	4	17.60	1708570	20.0
Octadecanoic acid	19.70	3.0	ng/ul	257185	4	17.60	1708570	20.0