

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023496.D
 Acq On : 5 Aug 2016 20:28
 Operator : UM/SJ
 Sample : H4209-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJM9

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	3.485	108	110	114	rBV5	15415	18440	0.50%	0.048%
2	4.730	319	322	324	rBV4	6267	5546	0.15%	0.014%
3	5.130	388	390	393	rVB4	9141	8731	0.24%	0.022%
4	5.183	393	399	407	rBV5	27391	60218	1.63%	0.155%
5	5.476	447	449	451	rBV2	6959	4983	0.14%	0.013%
6	5.623	473	474	478	rBV4	5090	6726	0.18%	0.017%
7	5.993	534	537	538	rBV2	5656	5120	0.14%	0.013%
8	6.099	552	555	557	rBV4	3843	5233	0.14%	0.013%
9	6.363	599	600	603	rBV3	4861	6013	0.16%	0.015%
10	6.422	608	610	615	rBV3	4116	7779	0.21%	0.020%
11	6.493	619	622	625	rVB5	7768	9410	0.25%	0.024%
12	7.268	748	754	765	rBV	434768	760411	20.60%	1.959%
13	7.432	776	782	789	rBV	365162	592555	16.05%	1.527%
14	7.526	794	798	804	rVB6	6011	10781	0.29%	0.028%
15	7.644	809	818	826	rBV	425647	727640	19.71%	1.875%
16	7.973	872	874	878	rBV4	3311	4962	0.13%	0.013%
17	8.037	881	885	886	rBV3	4900	5736	0.16%	0.015%
18	8.120	892	899	907	rBV	382665	679936	18.42%	1.752%
19	8.178	907	909	913	rVB5	7578	7035	0.19%	0.018%
20	8.378	941	943	948	rVB5	4059	5347	0.14%	0.014%
21	8.825	1013	1019	1030	rBV2	501757	920807	24.95%	2.372%
22	9.295	1092	1099	1109	rVB2	427198	789848	21.40%	2.035%
23	9.447	1120	1125	1126	rVB5	5613	7525	0.20%	0.019%
24	9.477	1126	1130	1133	rVB3	5878	5776	0.16%	0.015%
25	9.676	1160	1164	1166	rBV3	7527	10408	0.28%	0.027%
26	9.747	1173	1176	1179	rBV5	4502	4947	0.13%	0.013%
27	9.876	1197	1198	1201	rBV2	6213	6625	0.18%	0.017%
28	10.023	1216	1223	1234	rBV2	370208	702139	19.02%	1.809%
29	10.246	1258	1261	1265	rVB3	6116	7123	0.19%	0.018%
30	10.281	1265	1267	1269	rBV3	4828	5020	0.14%	0.013%
31	10.393	1285	1286	1290	rVB3	7233	8169	0.22%	0.021%
32	10.569	1309	1316	1327	rBV	521246	1022483	27.70%	2.634%
33	10.722	1340	1342	1344	rVB2	7495	4991	0.14%	0.013%
34	10.775	1349	1351	1353	rBV3	5314	4979	0.13%	0.013%

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 Title : SVOA CALIBRATION

35	10.857	1364	1365	1368	rBV3	4547	5292	0.14%	0.014%
36	10.951	1371	1381	1390	rVV	626746	1167032	31.62%	3.007%
37	11.086	1396	1404	1415	rBV	526826	1042369	28.24%	2.685%
38	11.221	1424	1427	1430	rVB4	4650	4948	0.13%	0.013%
39	11.357	1444	1450	1455	rVB5	5312	12400	0.34%	0.032%
40	11.451	1461	1466	1467	rBV4	3620	5388	0.15%	0.014%
41	11.656	1499	1501	1504	rVB4	6359	7112	0.19%	0.018%
42	11.685	1504	1506	1508	rBV3	5510	4971	0.13%	0.013%
43	11.950	1547	1551	1554	rBV3	3875	5465	0.15%	0.014%
44	12.179	1586	1590	1594	rBV5	3565	5835	0.16%	0.015%
45	12.432	1629	1633	1638	rVB4	7812	13683	0.37%	0.035%
46	12.537	1645	1651	1656	rVB6	11286	21764	0.59%	0.056%
47	13.013	1730	1732	1735	rVB3	4226	5104	0.14%	0.013%
48	13.037	1735	1736	1738	rBV2	5029	4995	0.14%	0.013%
49	13.119	1748	1750	1755	rVB5	8366	12921	0.35%	0.033%
50	13.371	1790	1793	1797	rVB3	8299	9635	0.26%	0.025%
51	13.565	1823	1826	1828	rBV4	4867	5813	0.16%	0.015%
52	13.648	1838	1840	1848	rVB9	9882	18009	0.49%	0.046%
53	13.812	1864	1868	1874	rBV5	6022	10783	0.29%	0.028%
54	13.877	1878	1879	1882	rBV2	7039	6500	0.18%	0.017%
55	14.176	1922	1930	1934	rBV	1225884	1857446	50.33%	4.785%
56	14.223	1934	1938	1948	rVB	630040	906435	24.56%	2.335%
57	14.323	1953	1955	1958	rBV4	7340	5743	0.16%	0.015%
58	14.476	1972	1981	1990	rBV	1243395	2046529	55.45%	5.272%
59	14.646	2007	2010	2014	rBV4	6871	8542	0.23%	0.022%
60	14.723	2020	2023	2024	rBV3	4945	4921	0.13%	0.013%
61	14.781	2024	2033	2041	rVV2	1168431	1850044	50.12%	4.766%
62	14.922	2055	2057	2061	rVB5	6350	6778	0.18%	0.017%
63	14.999	2064	2070	2082	rBV	287316	677085	18.34%	1.744%
64	15.422	2139	2142	2145	rBV5	4438	6093	0.17%	0.016%
65	15.498	2154	2155	2159	rVB3	5220	5019	0.14%	0.013%
66	15.557	2161	2165	2168	rBV6	7336	11097	0.30%	0.029%
67	15.598	2171	2172	2178	rVB4	12016	15779	0.43%	0.041%
68	15.668	2180	2184	2185	rBV3	6581	6363	0.17%	0.016%
69	15.721	2191	2193	2194	rBV2	5221	5279	0.14%	0.014%
70	15.774	2195	2202	2212	rVV	1755211	2812101	76.19%	7.245%
71	15.897	2217	2223	2231	rBV	493890	773352	20.95%	1.992%

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72	16.021	2239	2244	2247	rVB5	23681	36970	1.00%	0.095%
73	16.097	2254	2257	2260	rBV3	8083	9705	0.26%	0.025%
74	16.168	2268	2269	2275	rVB6	4881	6701	0.18%	0.017%
75	16.226	2275	2279	2282	rBV6	4193	5179	0.14%	0.013%
76	16.303	2288	2292	2294	rVB3	7031	8347	0.23%	0.022%
77	16.356	2294	2301	2304	rBV8	9641	19567	0.53%	0.050%
78	16.467	2316	2320	2323	rBV4	17076	25751	0.70%	0.066%
79	16.655	2348	2352	2357	rVB7	8011	13307	0.36%	0.034%
80	16.720	2361	2363	2364	rBV2	5430	5205	0.14%	0.013%
81	16.732	2364	2365	2371	rVV6	10737	9395	0.25%	0.024%
82	16.802	2373	2377	2380	rBV6	6329	8797	0.24%	0.023%
83	16.914	2393	2396	2400	rBV4	13275	21025	0.57%	0.054%
84	17.066	2419	2422	2428	rBV7	17782	28640	0.78%	0.074%
85	17.272	2452	2457	2459	rBV5	15201	22331	0.61%	0.058%
86	17.542	2496	2503	2513	rBV	1596836	2482643	67.26%	6.396%
87	17.642	2513	2520	2530	rVV2	1954667	3139331	85.06%	8.088%
88	17.807	2546	2548	2554	rVB7	11425	11831	0.32%	0.030%
89	18.047	2587	2589	2592	rBV4	9133	7863	0.21%	0.020%
90	18.106	2596	2599	2602	rBV5	8547	12783	0.35%	0.033%
91	18.412	2646	2651	2659	rBV	220456	329590	8.93%	0.849%
92	18.705	2699	2701	2706	rBV6	7630	8740	0.24%	0.023%
93	18.770	2709	2712	2713	rBV3	12959	12686	0.34%	0.033%
94	19.569	2841	2848	2852	rBV3	41404	87015	2.36%	0.224%
95	19.681	2863	2867	2878	rBV	306466	448925	12.16%	1.157%
96	19.933	2904	2910	2922	rVB	2527581	3690888	100.00%	9.508%
97	21.854	3230	3237	3250	rBV2	1557379	2799688	75.85%	7.213%
98	25.003	3763	3773	3785	rVB2	1075652	3078737	83.41%	7.931%
99	25.238	3803	3813	3823	rVB2	888797	2683209	72.70%	6.912%

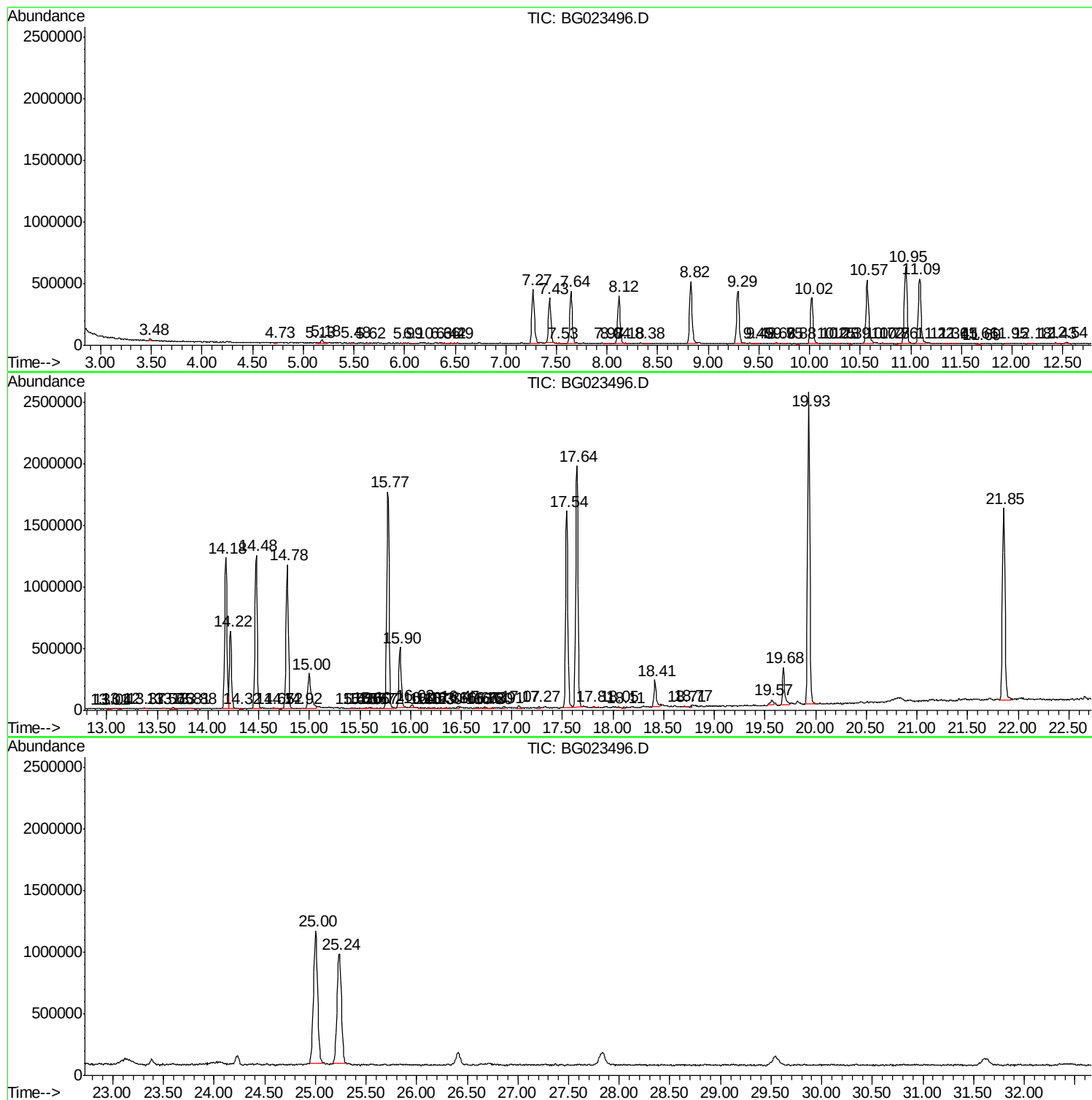
Sum of corrected areas: 38816916

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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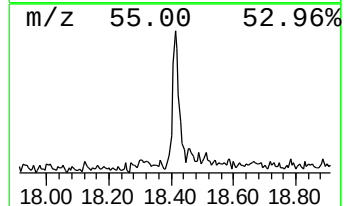
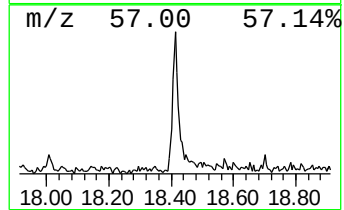
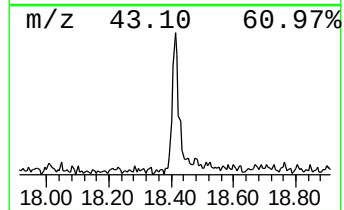
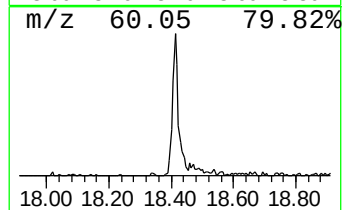
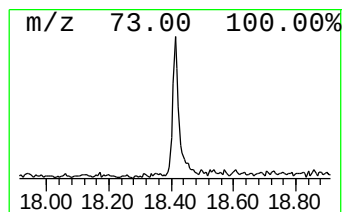
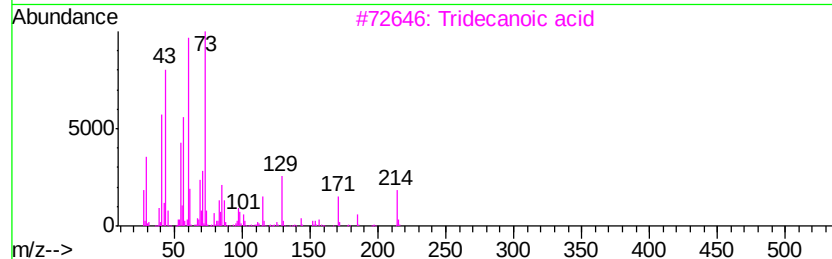
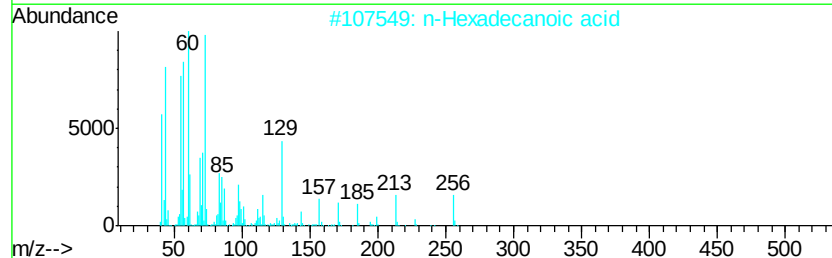
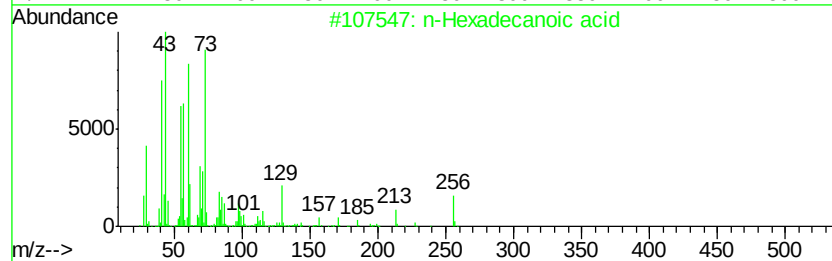
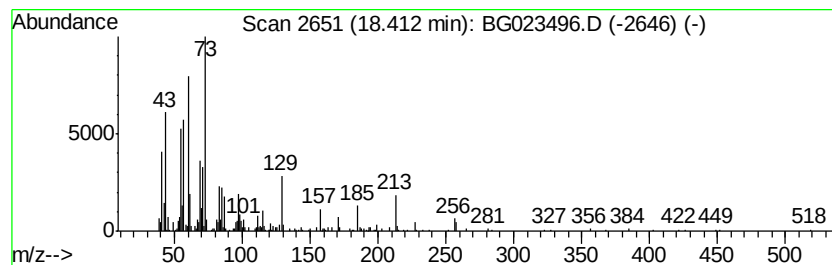
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.41	2.66 ng/ul	329590	Phenanthrene-d10		17.54	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



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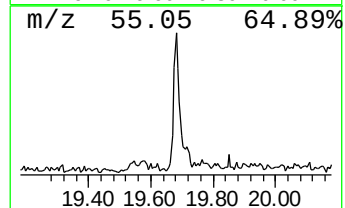
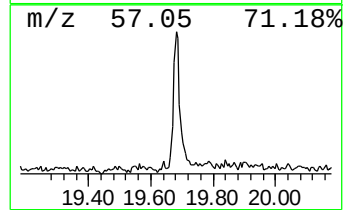
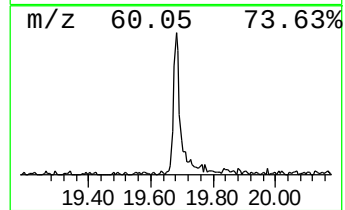
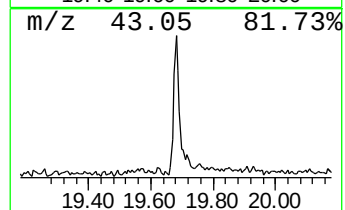
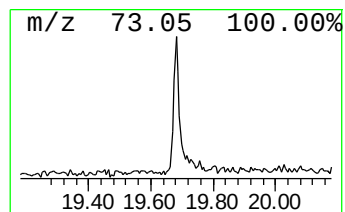
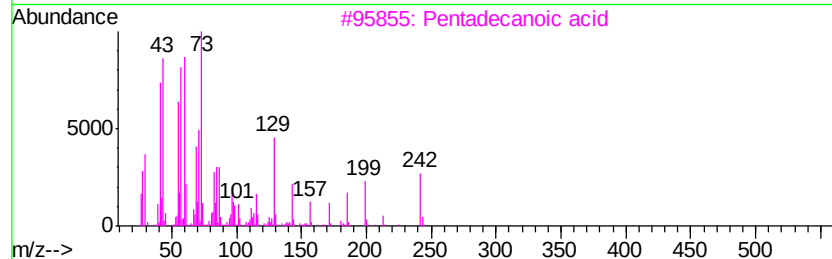
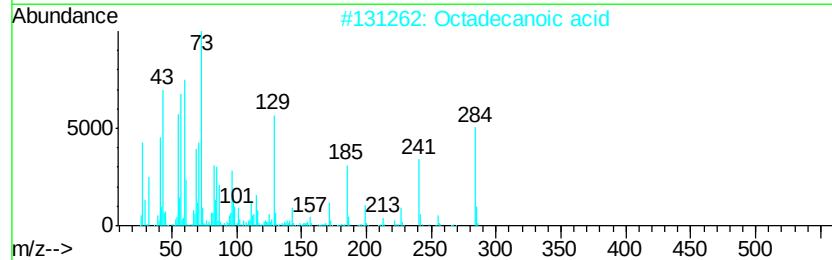
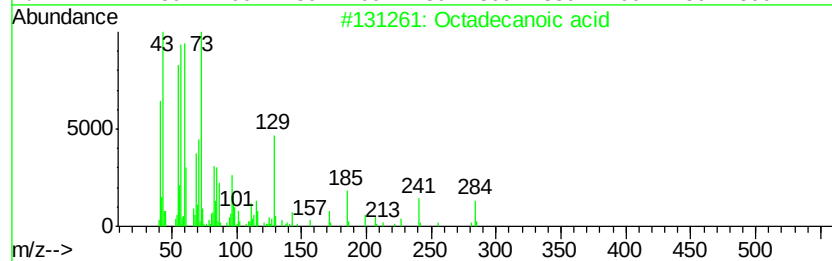
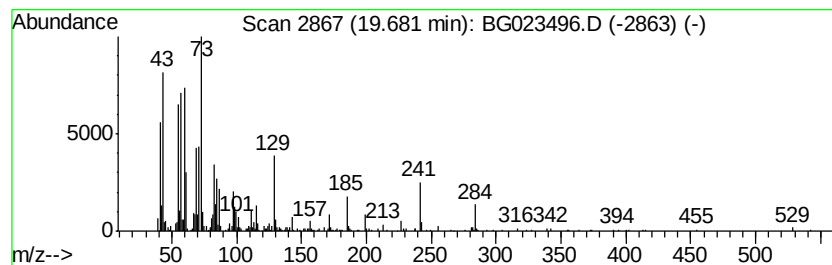
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.62 ng/ul	448925	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.7	ng/ul	329590	4	17.54	2482640	20.0
Octadecanoic acid	19.68	3.6	ng/ul	448925	4	17.54	2482640	20.0