

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023502.D
 Acq On : 6 Aug 2016 00:28
 Operator : UM/SJ
 Sample : H4209-22
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJN3

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	3.767	156	158	166	rBV3	25283	46774	0.88%	0.084%
2	4.918	352	354	357	rBV4	6885	9029	0.17%	0.016%
3	5.200	400	402	406	rBV4	6273	8368	0.16%	0.015%
4	5.282	414	416	419	rBV3	6171	7736	0.14%	0.014%
5	5.682	480	484	487	rBV3	5954	7944	0.15%	0.014%
6	6.299	588	589	595	rVB5	7165	9199	0.17%	0.016%
7	6.633	642	646	649	rBV4	6099	9411	0.18%	0.017%
8	7.268	748	754	766	rBV	718518	1314738	24.64%	2.351%
9	7.432	775	782	790	rBV	602936	987198	18.50%	1.766%
10	7.644	811	818	829	rBV	698732	1211446	22.71%	2.167%
11	8.120	891	899	909	rBV	498928	875164	16.40%	1.565%
12	8.372	939	942	946	rVB5	8099	10862	0.20%	0.019%
13	8.825	1012	1019	1030	rBV2	903024	1629812	30.55%	2.915%
14	9.295	1090	1099	1109	rBV	706970	1289698	24.17%	2.307%
15	10.017	1216	1222	1237	rVB	611844	1141618	21.40%	2.042%
16	10.569	1308	1316	1327	rBV	893973	1666296	31.23%	2.980%
17	10.951	1374	1381	1395	rVB	768542	1404648	26.33%	2.512%
18	11.086	1397	1404	1412	rBV	847838	1621770	30.40%	2.901%
19	11.221	1425	1427	1431	rVB5	6643	8417	0.16%	0.015%
20	11.268	1431	1435	1436	rBV3	6610	7644	0.14%	0.014%
21	12.426	1626	1632	1634	rBV3	14194	20196	0.38%	0.036%
22	12.467	1634	1639	1645	rVB5	13265	28678	0.54%	0.051%
23	12.525	1645	1649	1655	rVB3	20446	37792	0.71%	0.068%
24	13.125	1744	1751	1755	rBV5	8846	15837	0.30%	0.028%
25	13.653	1837	1841	1847	rVB2	48867	83725	1.57%	0.150%
26	14.176	1923	1930	1934	rBV	1889316	2840741	53.24%	5.081%
27	14.223	1934	1938	1946	rVB	1382907	1902424	35.66%	3.403%
28	14.476	1974	1981	1988	rBV	1939676	3142212	58.89%	5.620%
29	14.646	2006	2010	2015	rBV6	14025	20035	0.38%	0.036%
30	14.781	2026	2033	2042	rBV2	1346720	2176517	40.79%	3.893%
31	14.993	2054	2069	2084	rBV	624840	1399393	26.23%	2.503%
32	15.563	2162	2166	2169	rBV5	9244	14505	0.27%	0.026%
33	15.604	2169	2173	2177	rVB4	33289	43848	0.82%	0.078%
34	15.774	2196	2202	2211	rBV	2659475	4252472	79.70%	7.606%

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35	15.897	2217	2223	2235	rVV	981465	1456939	27.31%	2.606%
36	16.015	2238	2243	2248	rVV4	51082	89101	1.67%	0.159%
37	16.050	2248	2249	2253	rVB4	14230	10251	0.19%	0.018%
38	16.226	2275	2279	2282	rBV6	6111	8494	0.16%	0.015%
39	16.285	2286	2289	2292	rBV5	5079	7179	0.13%	0.013%
40	16.473	2312	2321	2332	rBV3	51929	119342	2.24%	0.213%
41	16.808	2376	2378	2381	rBV4	10358	14155	0.27%	0.025%
42	16.878	2386	2390	2392	rVV4	7957	11552	0.22%	0.021%
43	16.920	2394	2397	2404	rVB9	13363	25721	0.48%	0.046%
44	16.978	2404	2407	2409	rBV3	9063	9989	0.19%	0.018%
45	17.155	2432	2437	2440	rBV6	9498	14725	0.28%	0.026%
46	17.266	2453	2456	2461	rBV4	50039	61413	1.15%	0.110%
47	17.319	2462	2465	2466	rBV2	16275	15756	0.30%	0.028%
48	17.542	2497	2503	2512	rBV2	1898442	2871997	53.83%	5.137%
49	17.642	2513	2520	2533	rVB	3109826	4688348	87.87%	8.385%
50	17.807	2545	2548	2551	rBV5	11258	12697	0.24%	0.023%
51	18.012	2580	2583	2590	rVB3	35777	45534	0.85%	0.081%
52	18.130	2601	2603	2606	rBV4	9004	10141	0.19%	0.018%
53	18.183	2609	2612	2617	rBV6	12032	22543	0.42%	0.040%
54	18.412	2646	2651	2660	rBV2	299048	485739	9.10%	0.869%
55	18.694	2697	2699	2700	rBV2	9653	7158	0.13%	0.013%
56	18.923	2734	2738	2739	rBV4	12470	13411	0.25%	0.024%
57	19.328	2803	2807	2809	rBV4	14131	17756	0.33%	0.032%
58	19.534	2840	2842	2844	rBV3	26596	29876	0.56%	0.053%
59	19.563	2845	2847	2853	rVB2	50341	71107	1.33%	0.127%
60	19.681	2863	2867	2874	rBV2	254385	367176	6.88%	0.657%
61	19.822	2887	2891	2897	rVB3	39451	76048	1.43%	0.136%
62	19.933	2903	2910	2919	rBV	3619588	5335295	100.00%	9.542%
63	21.860	3231	3238	3246	rBV	1831867	3086856	57.86%	5.521%
64	25.003	3763	3773	3788	rVB2	1589738	4706294	88.21%	8.417%
65	25.238	3803	3813	3828	rVB2	1002166	2972738	55.72%	5.317%

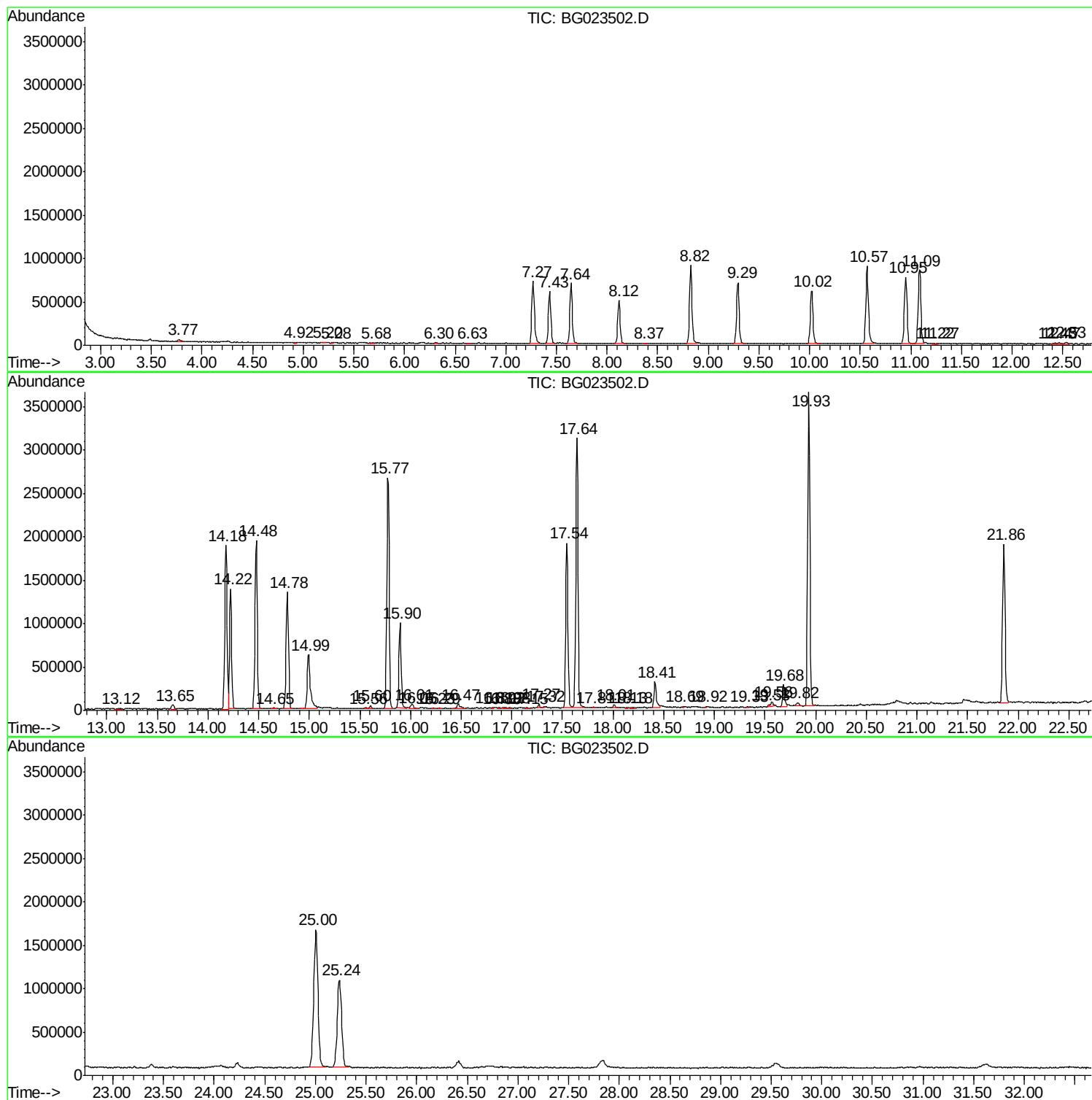
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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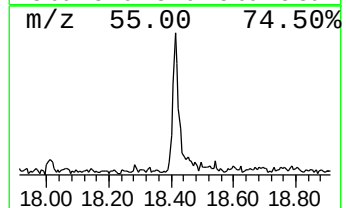
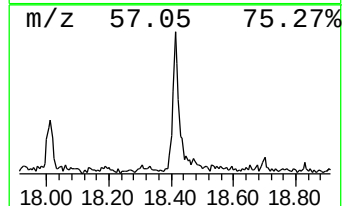
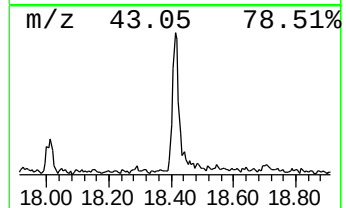
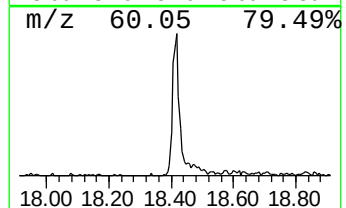
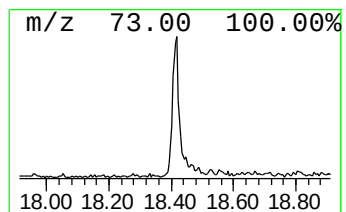
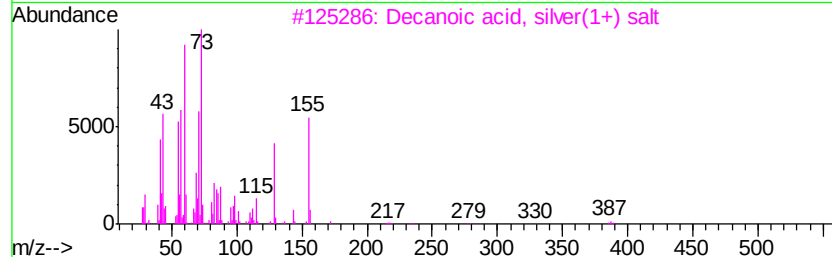
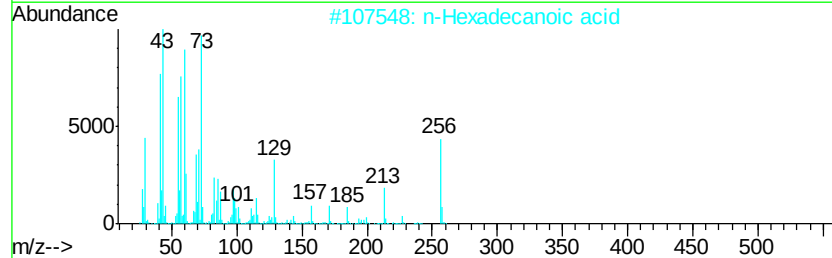
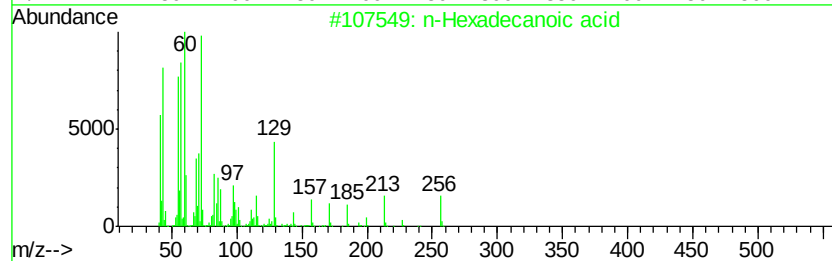
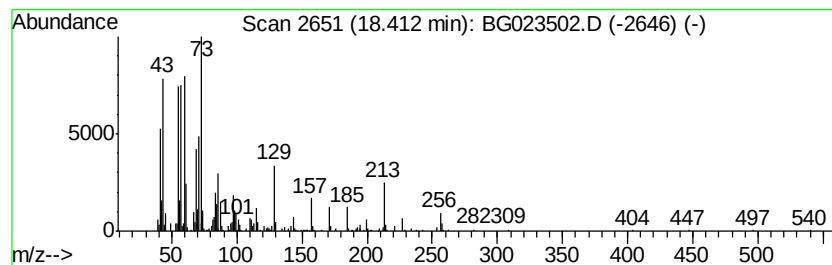
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.38 ng/ul	485739	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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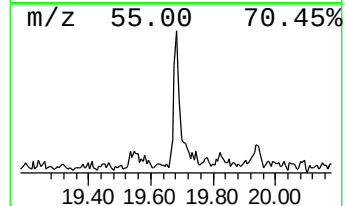
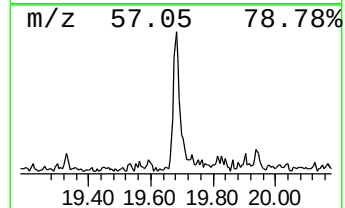
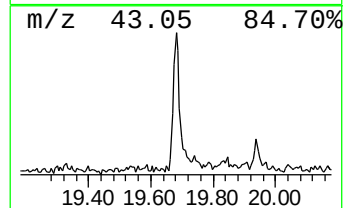
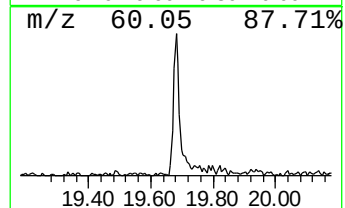
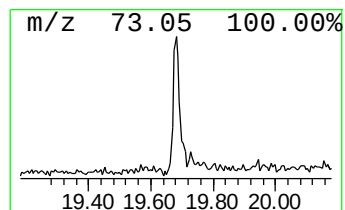
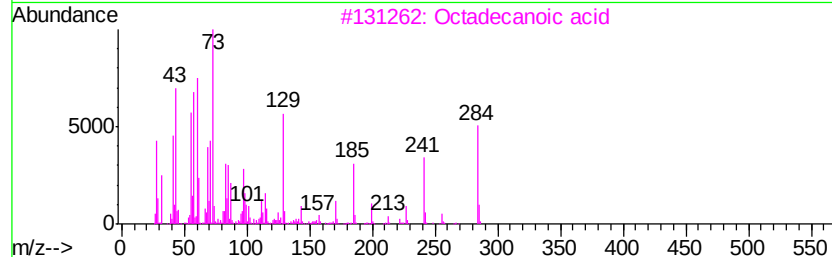
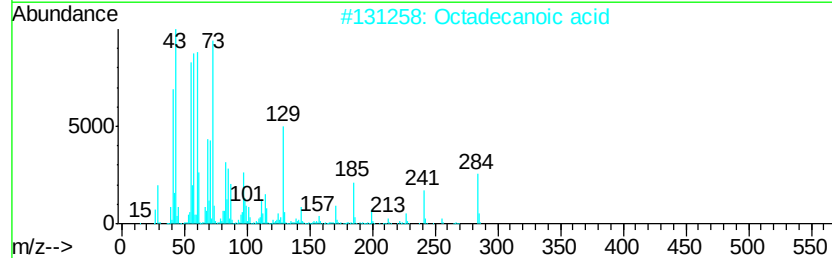
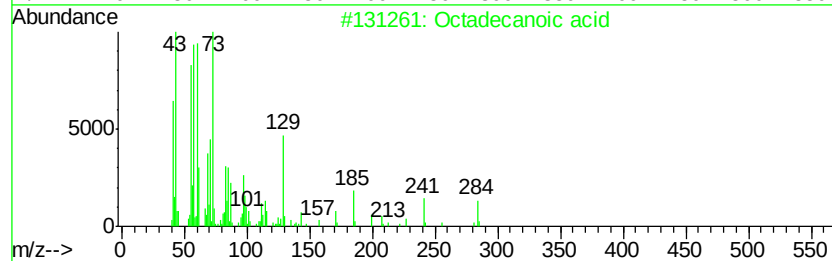
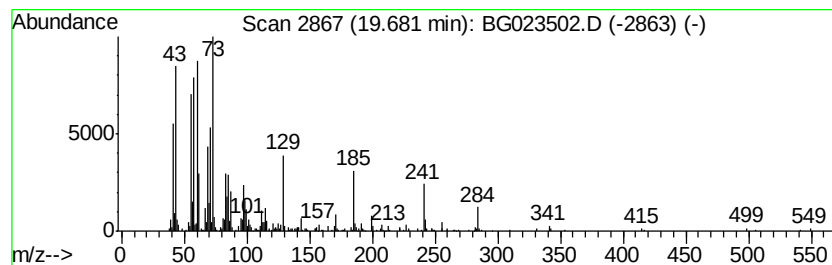
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.56 ng/ul	367176	Phenanthrene-d10	17.54

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	96
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	3.4	ng/ul	485739	4	17.54	2872000	20.0
Octadecanoic acid	19.68	2.6	ng/ul	367176	4	17.54	2872000	20.0