LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029339.D
Acq On : 18 Oct 2017 19:52
Operator : SJ/JU
Sample : I5834-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-115-4(15-20)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.244	327	333	340	rVB	178556	258469	4.66%	1.129%
2	5.720	407	414	425	rVB	745967	1177701	21.24%	5.145%
3	7.318	679	686	698	rBV	777519	1415384	25.53%	6.183%
4	7.700	742	751	759	rBV	750685	1286322	23.20%	5.619%
5	8.170	823	831	838	rBV	193218	333500	6.01%	1.457%
6	8.493	877	886	895	rBV	556864	951757	17.16%	4.158%
7	9.333	1019	1029	1037	rBV	473432	843061	15.20%	3.683%
8	10.984	1302	1310	1318	rVB	292604	516963	9.32%	2.258%
9	13.411	1716	1723	1731	rBV	1533471	2360904	42.58%	10.314%
10	14.227	1854	1862	1869	rBV	226733	315859	5.70%	1.380%
11	14.785	1948	1957	1966	rBV2	482898	799235	14.41%	3.492%
12	16.125	2180	2185	2191	rBV	50107	77308	1.39%	0.338%
13	16.266	2202	2209	2226	rBV	1792381	2688474	48.48%	11.745%
14	17.523	2416	2423	2432	rBV	737904	1107403	19.97%	4.838%
15	18.387	2564	2570	2577	rBV	122422	200831	3.62%	0.877%
16	19.650	2781	2785	2796	rBV3	50779	103312	1.86%	0.451%
17	20.114	2858	2864	2873	rVB	4101450	5545086	100.00%	24.224%
18	20.502	2926	2930	2939	rVB4	45478	118825	2.14%	0.519%
19	21.789	3143	3149	3156	rBV2	836064	1401290	25.27%	6.122%
20	25.103	3703	3713	3725	rVB2	472560	1388817	25.05%	6.067%

Sum of corrected areas: 22890501

LSC Report - Integrated Chromatogram

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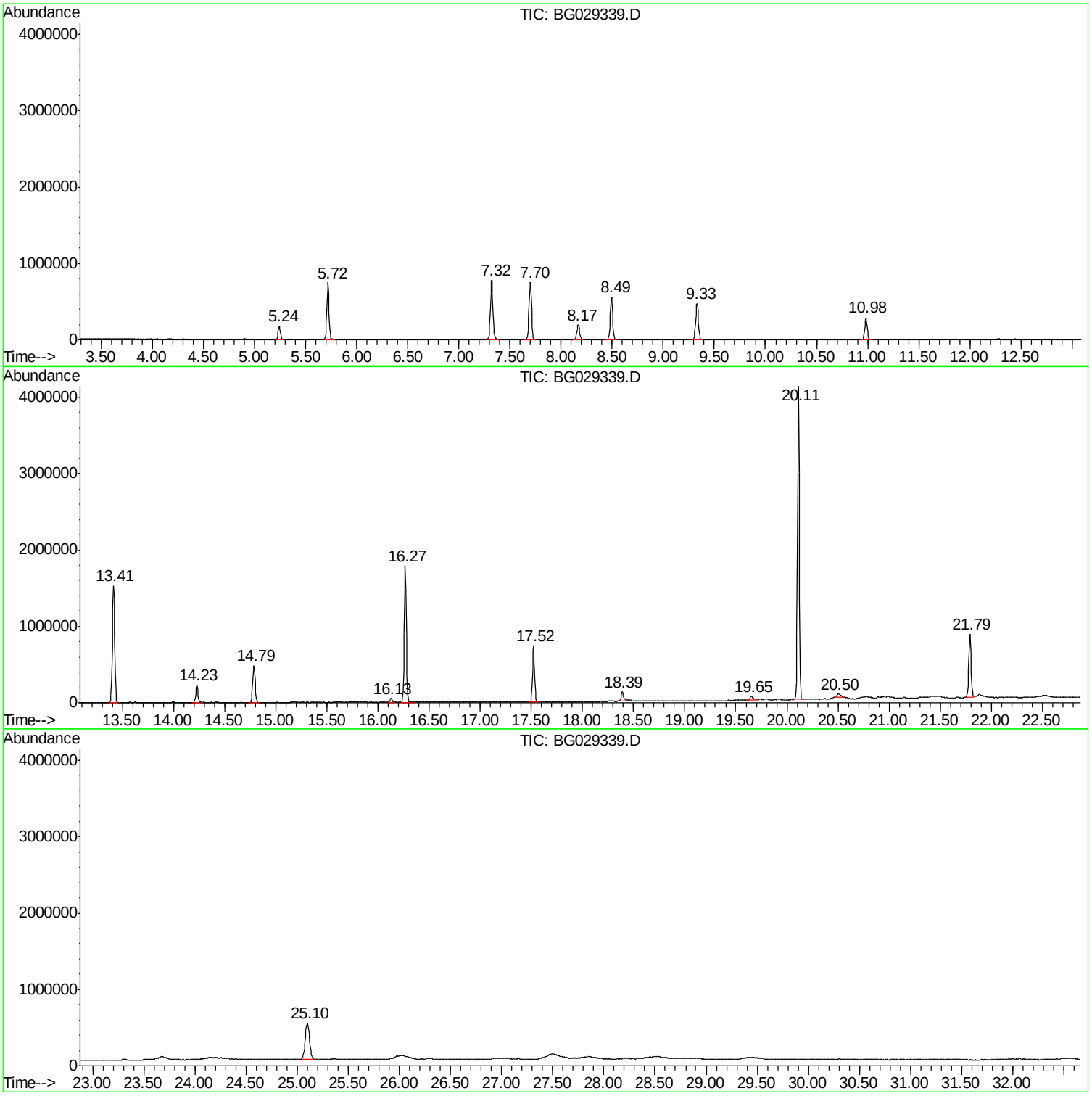
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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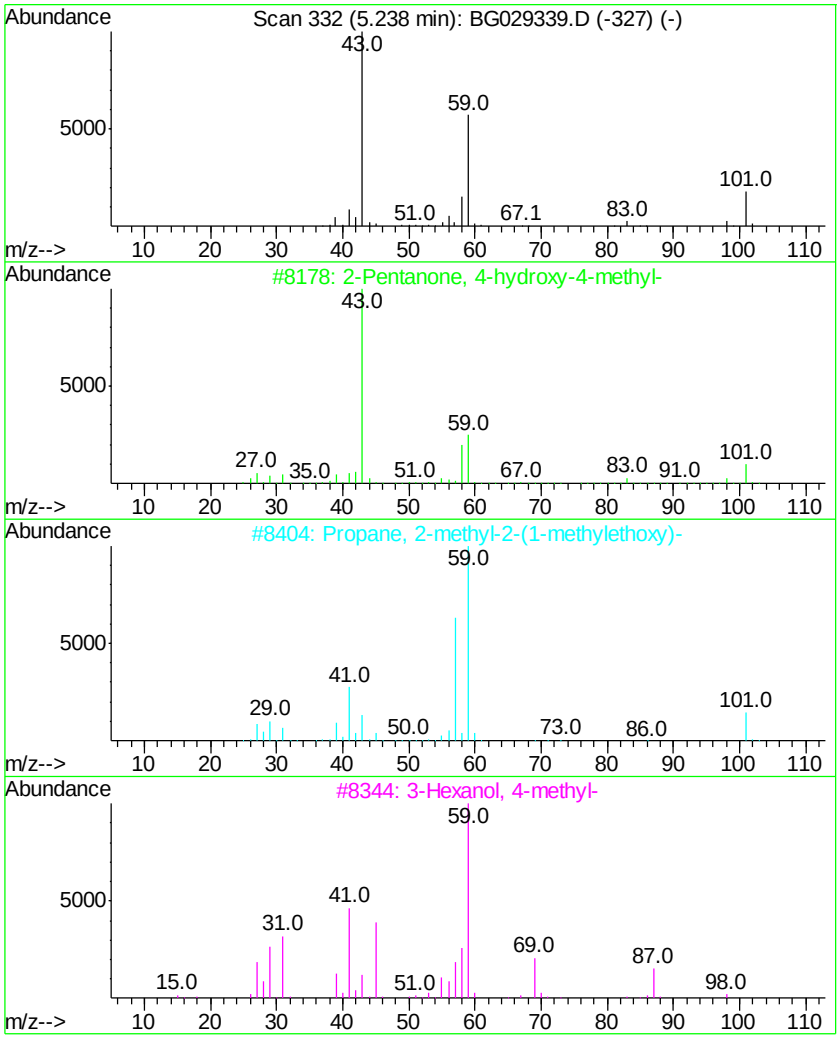
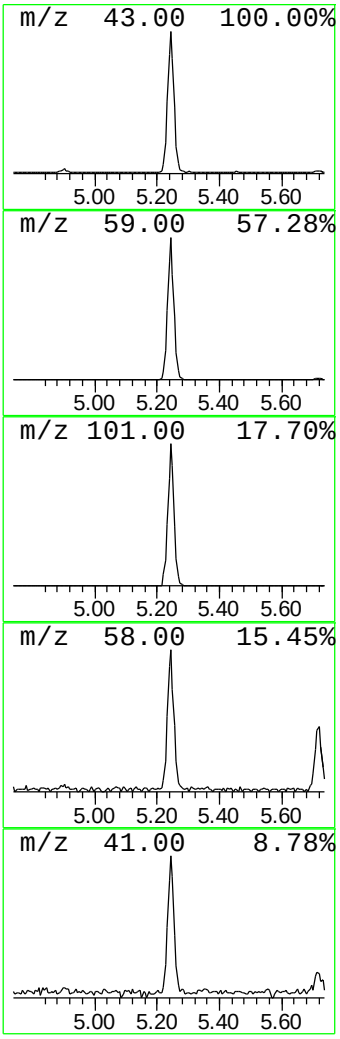
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	15.50 ng	258469	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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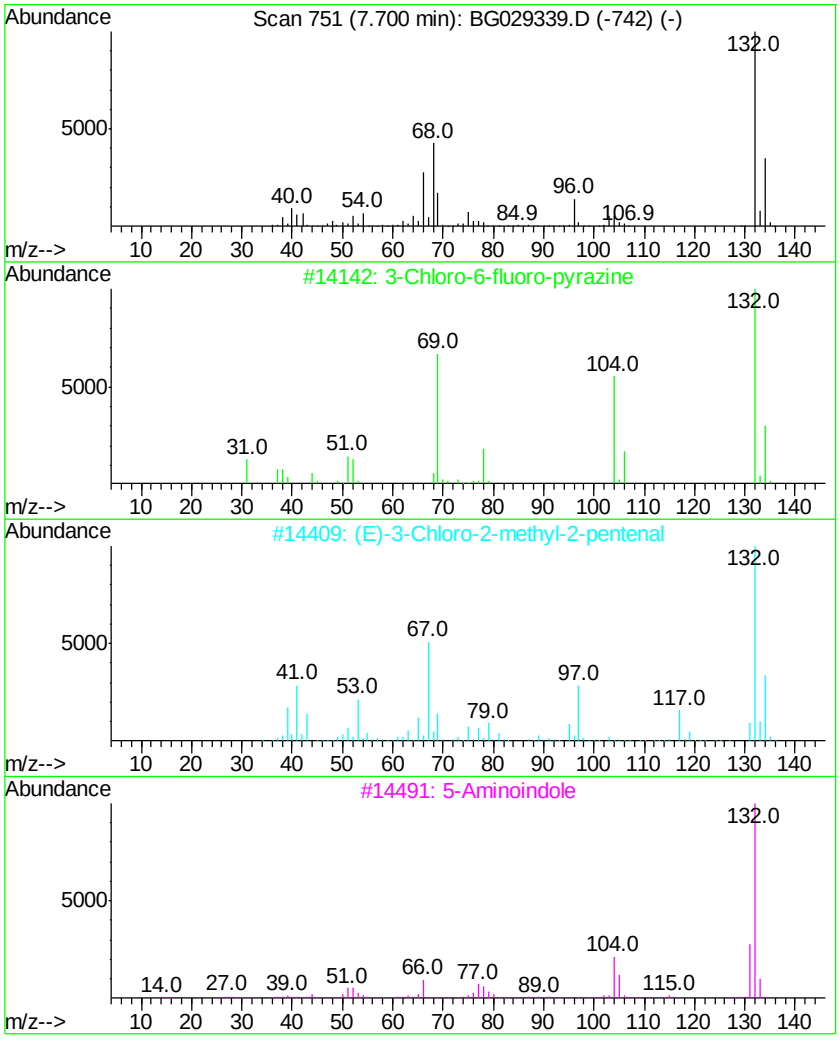
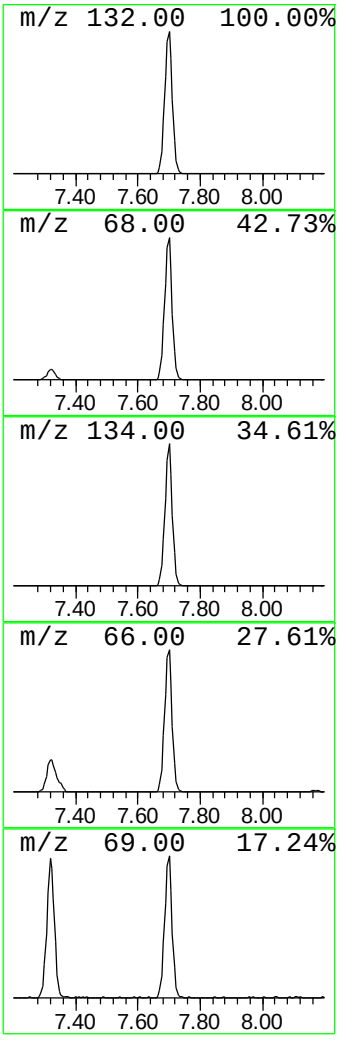
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	77.14 ng	1286320	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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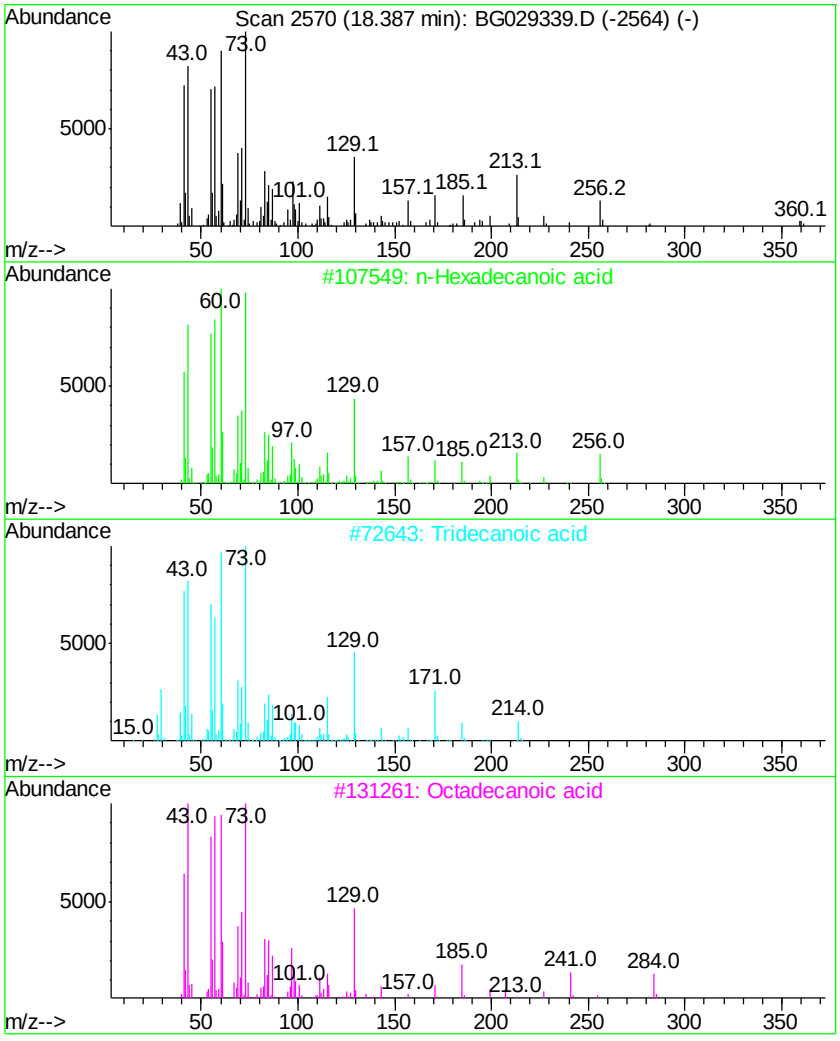
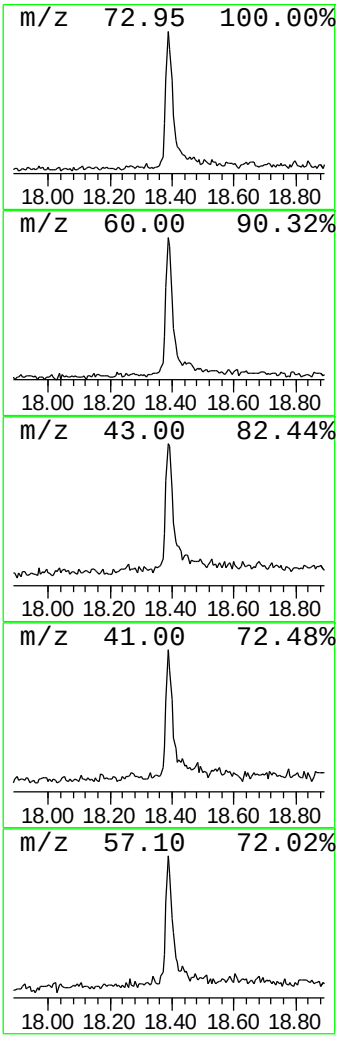
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.63 ng	200831	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	15.5	ng	258469	1	8.17	333500	20.0
unknown7.70	7.70	77.1	ng	1286320	1	8.17	333500	20.0
n-Hexadecanoic acid	18.39	3.6	ng	200831	4	17.52	1107400	20.0