

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048657.D
 Acq On : 9 Apr 2021 23:05
 Operator : CG/JU
 Sample : M1946-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB10

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.637	384	391	398	rVB	273553	429243	17.40%	4.230%
2	7.241	657	664	673	rBV	166089	298125	12.08%	2.938%
3	8.087	801	808	814	rBV2	120104	200438	8.12%	1.975%
4	9.257	998	1007	1017	rBV	400043	729413	29.56%	7.188%
5	10.913	1281	1289	1296	rBV	162998	280389	11.36%	2.763%
6	13.358	1698	1705	1713	rBV	1071425	1679765	68.08%	16.553%
7	14.180	1840	1845	1851	rBV	41784	62112	2.52%	0.612%
8	14.738	1933	1940	1947	rBV	244903	389103	15.77%	3.834%
9	14.803	1947	1951	1958	rVB	50481	78788	3.19%	0.776%
10	16.231	2187	2194	2203	rBV	938445	1483120	60.11%	14.615%
11	17.494	2402	2409	2415	rBV	345471	524597	21.26%	5.170%
12	18.375	2554	2559	2564	rBV2	133084	181919	7.37%	1.793%
13	18.569	2586	2592	2597	rBV4	23247	40479	1.64%	0.399%
14	19.545	2754	2758	2765	rVB2	27839	44285	1.79%	0.436%
15	19.644	2771	2775	2783	rBV4	55780	80764	3.27%	0.796%
16	19.909	2817	2820	2827	rVB3	26121	41023	1.66%	0.404%
17	20.103	2847	2853	2861	rBV	1926543	2467287	100.00%	24.314%
18	21.413	3072	3076	3086	rVB3	82365	148595	6.02%	1.464%
19	21.789	3134	3140	3147	rBV	345481	566232	22.95%	5.580%
20	25.126	3698	3708	3719	rBV2	146358	422075	17.11%	4.159%

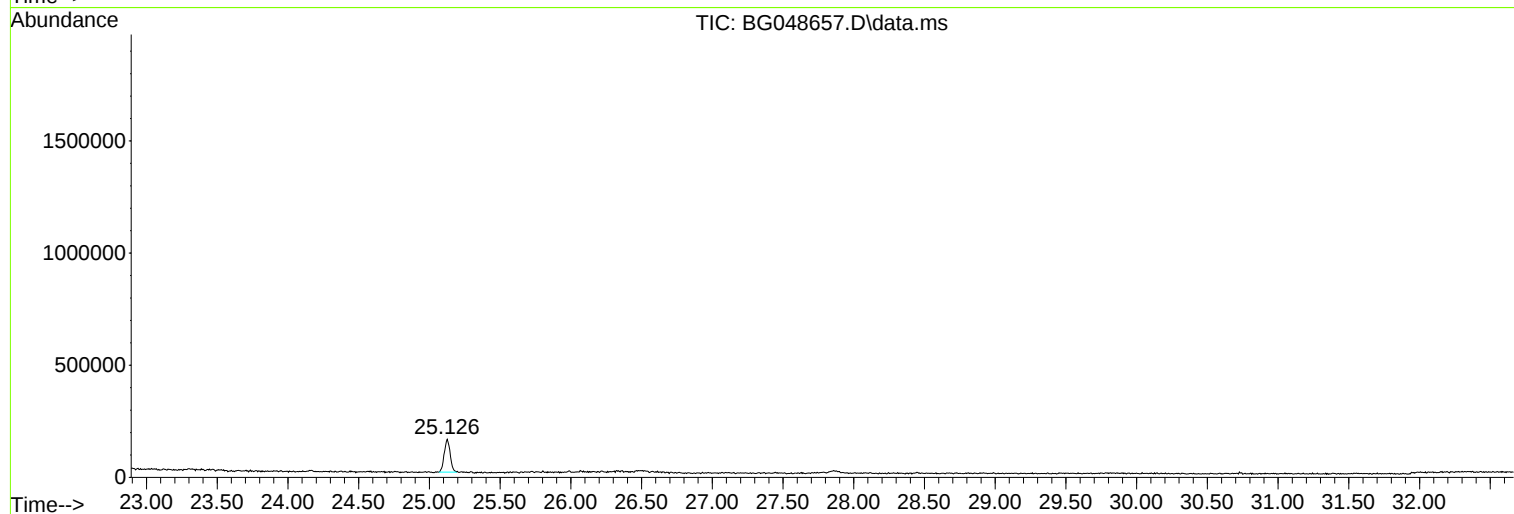
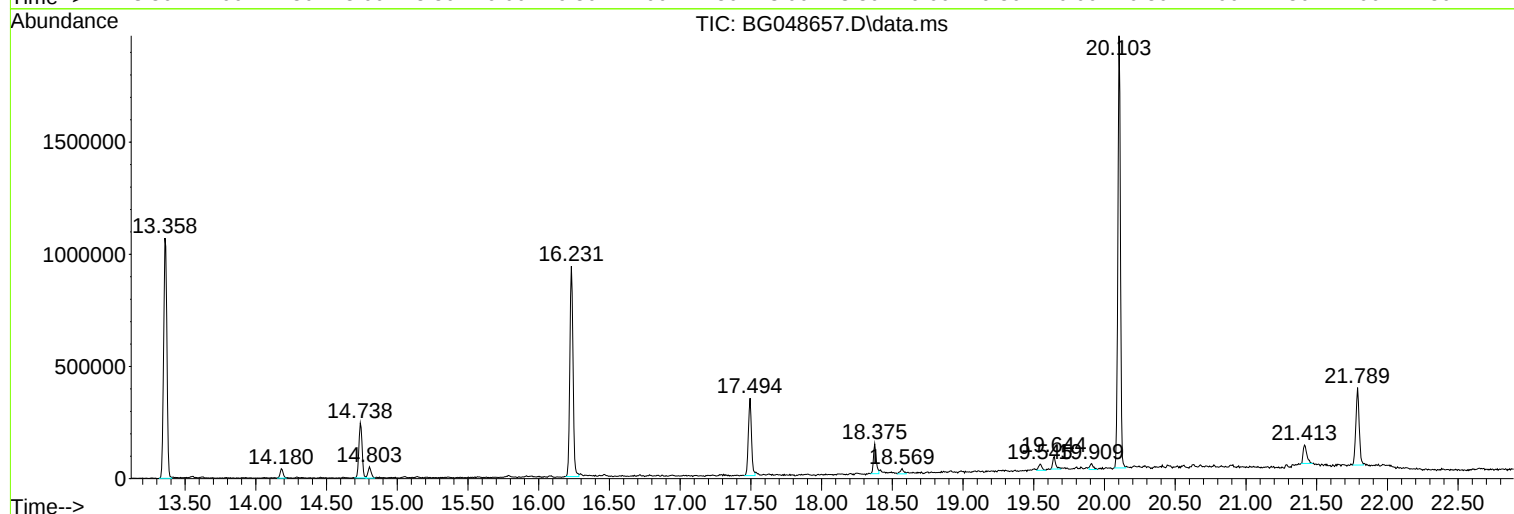
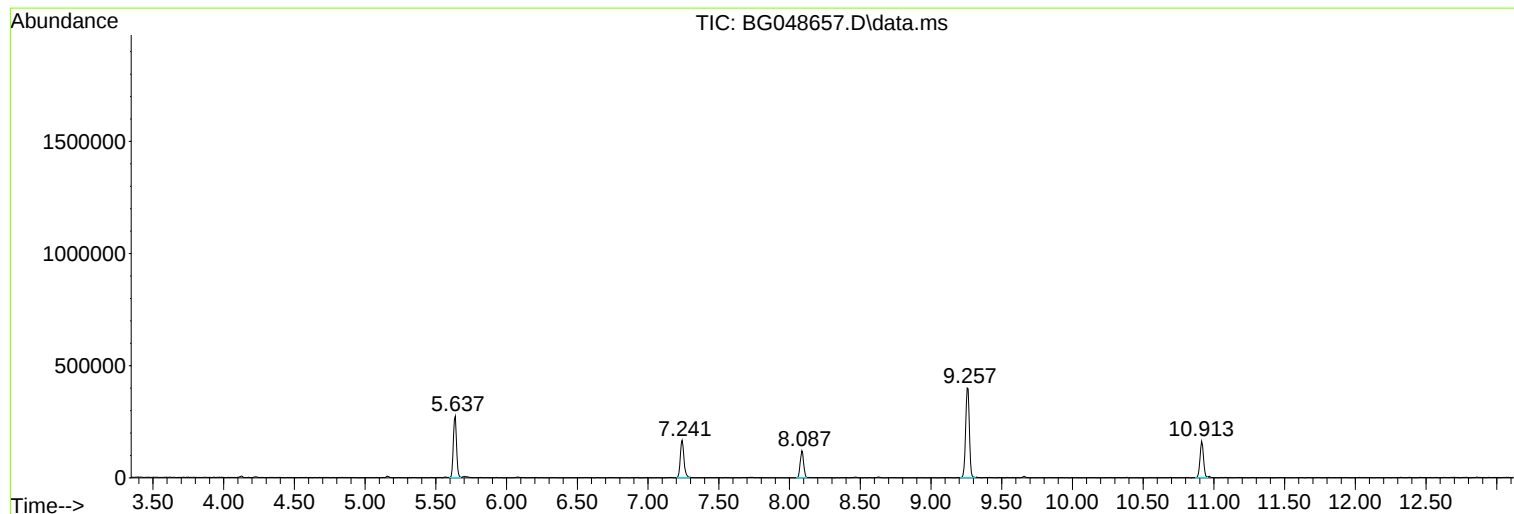
Sum of corrected areas: 10147752

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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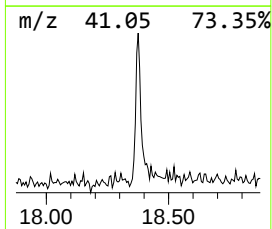
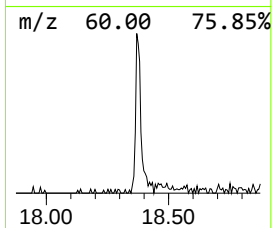
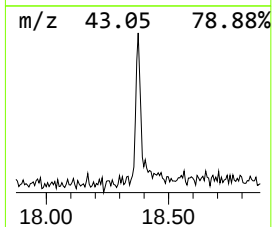
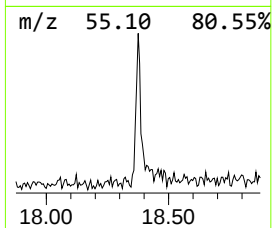
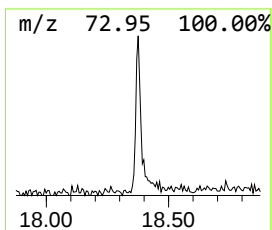
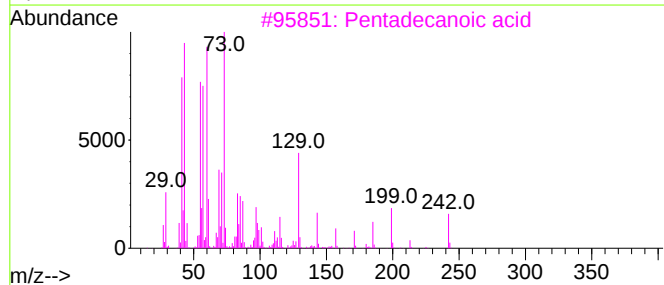
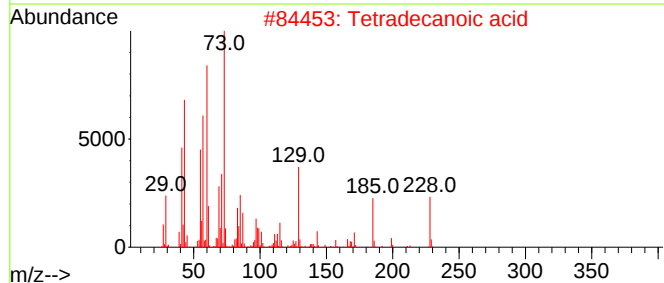
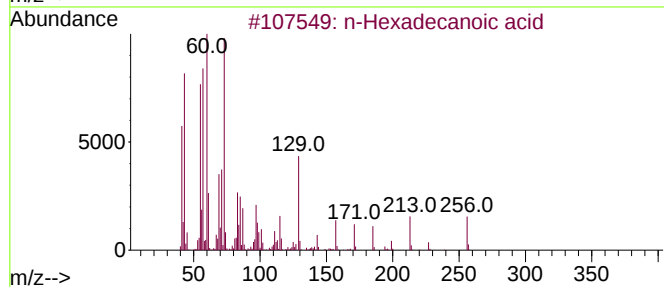
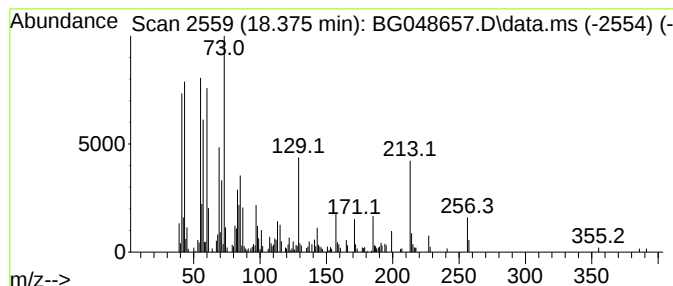
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.375	6.94 ng	181919	Phenanthrene-d10	17.494

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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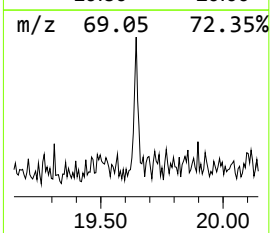
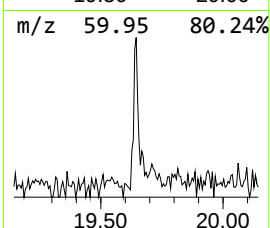
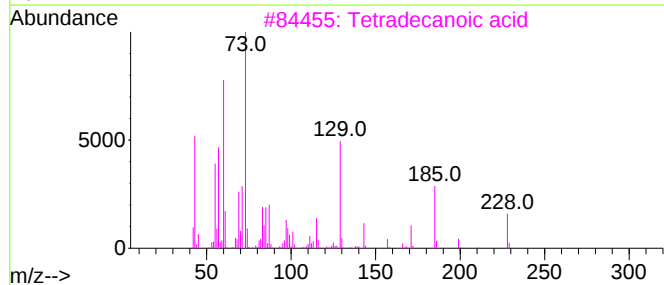
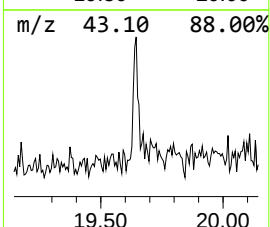
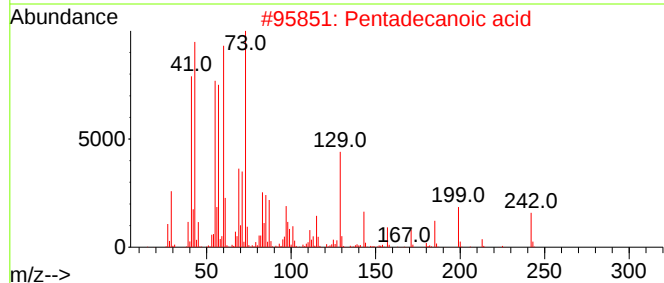
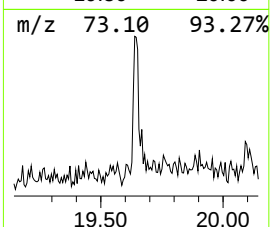
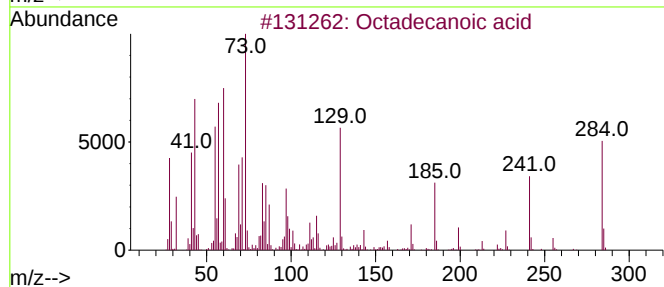
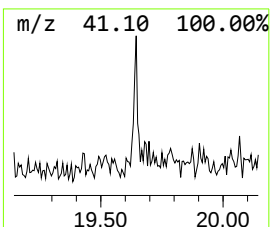
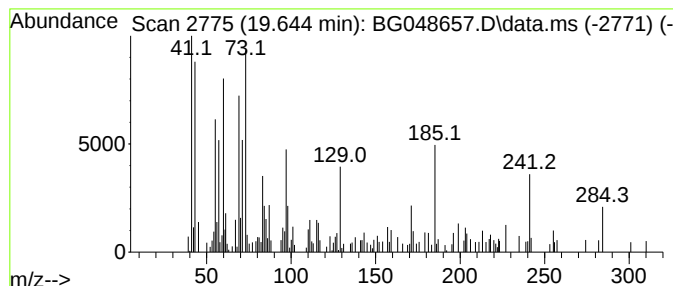
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.644	2.85 ng	80764	Chrysene-d12	21.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	58
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	46
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4			n-Decanoic acid	172	C10H20O2	000334-48-5	41
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NO5	029926-41-8	30



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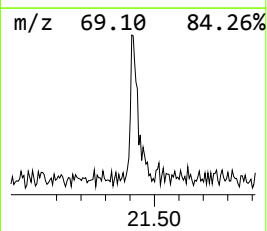
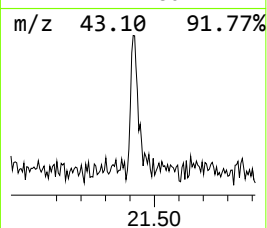
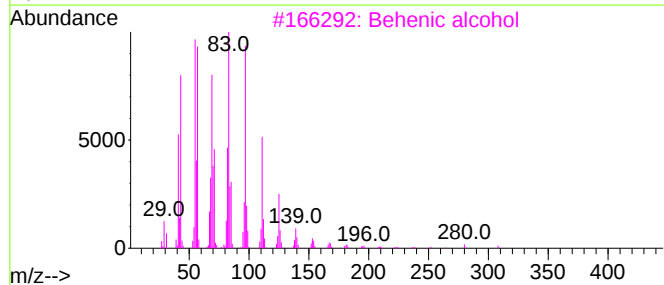
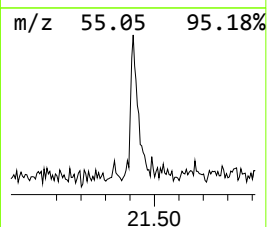
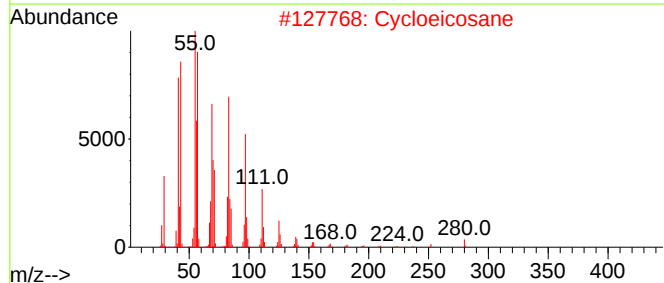
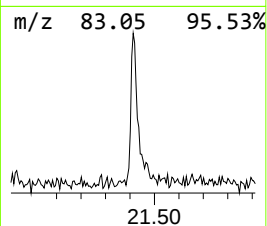
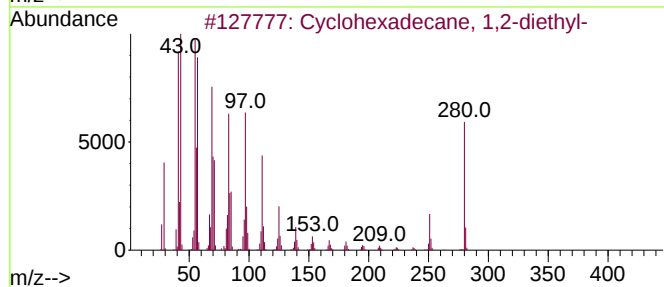
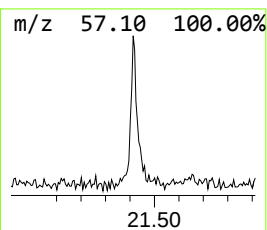
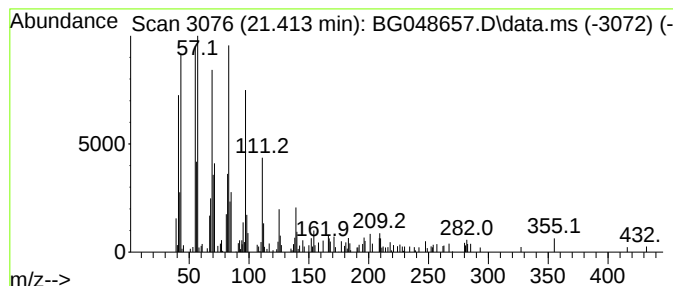
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Peak Number 3 Cyclohexadecane, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.413	5.25 ng	148595	Chrysene-d12	21.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
2			Cycloeicosane	280	C20H40	000296-56-0	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			Cyclopentadecane	210	C15H30	000295-48-7	91
5			1-Heneicosanol	312	C21H44O	015594-90-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.375	6.9	ng	181919	4	17.494	524597	20.0
Octadecanoic acid	19.644	2.9	ng	80764	5	21.789	566232	20.0
Cyclohexadecane...	21.413	5.3	ng	148595	5	21.789	566232	20.0