LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034317.D
Acq On : 22 Mar 2022 19:26
Operator : CG/JU
Sample : N1977-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-18.5-19.5

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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.431	366	373	377	rBV	121142	177580	3.02%	0.549%
2	5.490	377	383	391	rVV	2184560	3119297	53.06%	9.648%
3	5.560	391	395	407	rVB	31599	80706	1.37%	0.250%
4	5.937	452	459	464	rBV	52820	81013	1.38%	0.251%
5	7.096	648	656	673	rBV	2086449	3234824	55.02%	10.005%
6	7.937	792	799	807	rBV	545042	862302	14.67%	2.667%
7	8.478	885	891	898	rVB	63994	101797	1.73%	0.315%
8	9.101	989	997	1013	rBV	1213437	2039689	34.69%	6.309%
9	10.748	1269	1277	1283	rBV	673897	1141520	19.42%	3.531%
10	10.801	1283	1286	1291	rVB	48894	74854	1.27%	0.232%
11	13.207	1688	1695	1702	rBV	2841178	4073863	69.29%	12.601%
12	14.578	1921	1928	1936	rBV	988254	1431488	24.35%	4.428%
13	16.060	2173	2180	2200	rBV	2394971	3349699	56.98%	10.361%
14	17.319	2387	2394	2407	rBV	1146368	1652344	28.10%	5.111%
15	18.213	2540	2546	2561	rBV2	192239	357573	6.08%	1.106%
16	19.371	2736	2743	2750	rBV	44981	84974	1.45%	0.263%
17	19.489	2760	2763	2771	rBV8	40830	60992	1.04%	0.189%
18	19.730	2801	2804	2814	rVB	36924	74693	1.27%	0.231%
19	19.936	2833	2839	2852	rBV	4717621	5879234	100.00%	18.185%
20	21.201	3050	3054	3064	rBV	656514	787882	13.40%	2.437%
21	21.489	3098	3103	3115	rBV	1298927	1866802	31.75%	5.774%
22	23.900	3507	3513	3524	rVB2	872296	1797736	30.58%	5.560%

Sum of corrected areas: 32330862

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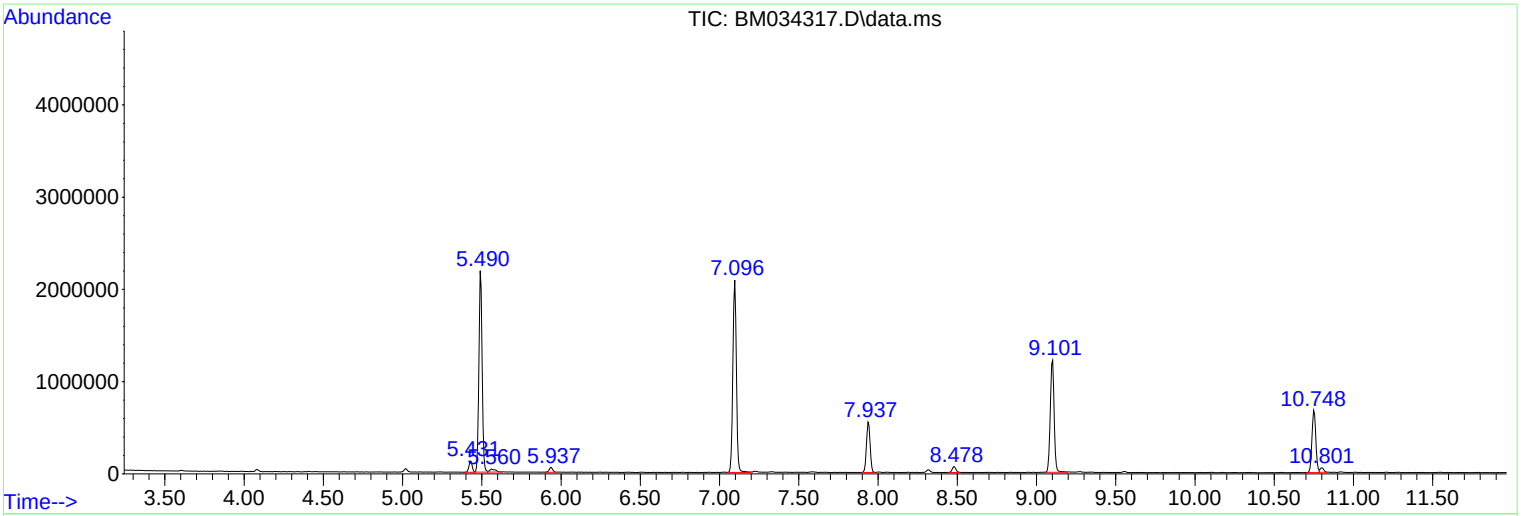
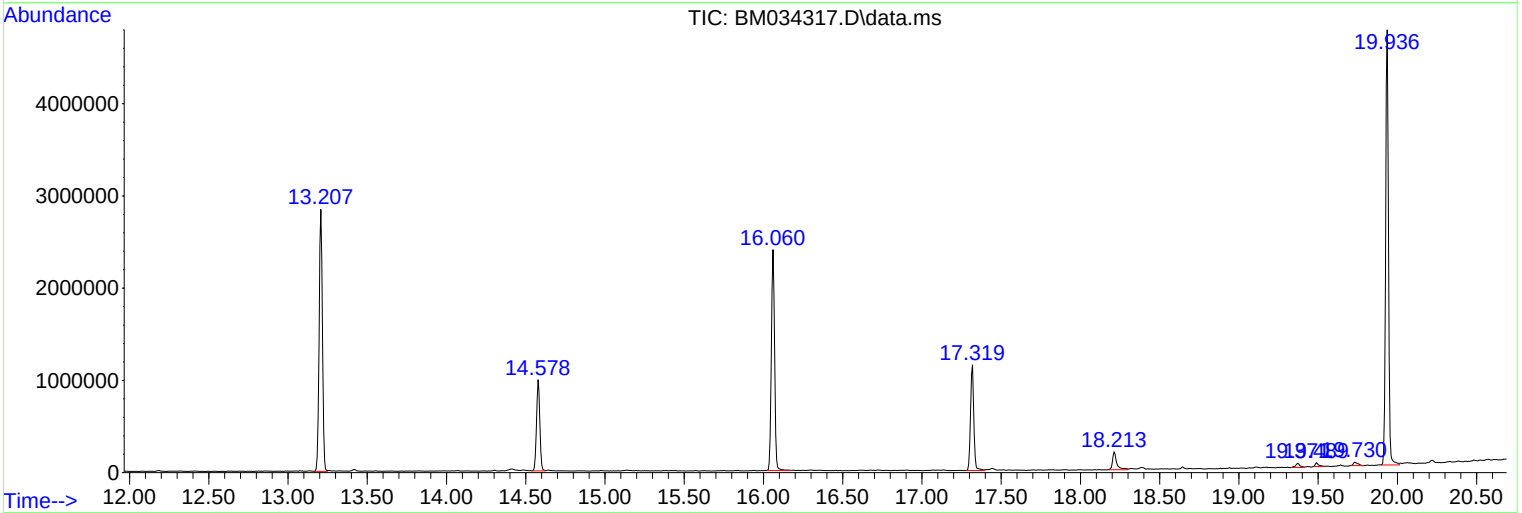
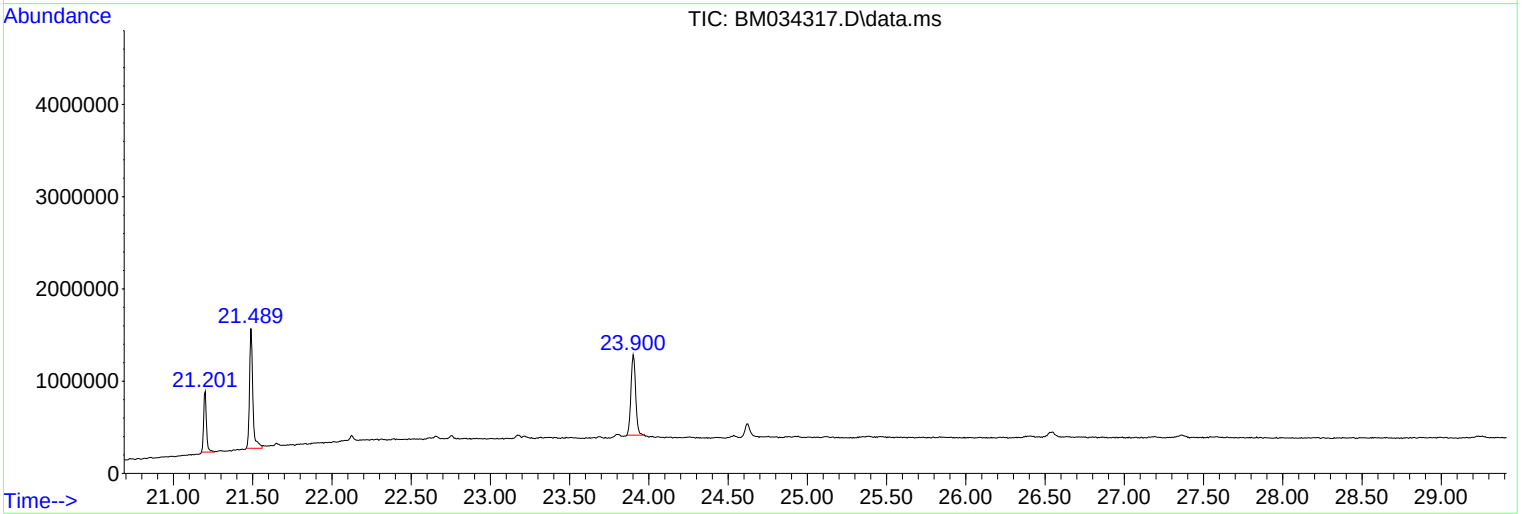
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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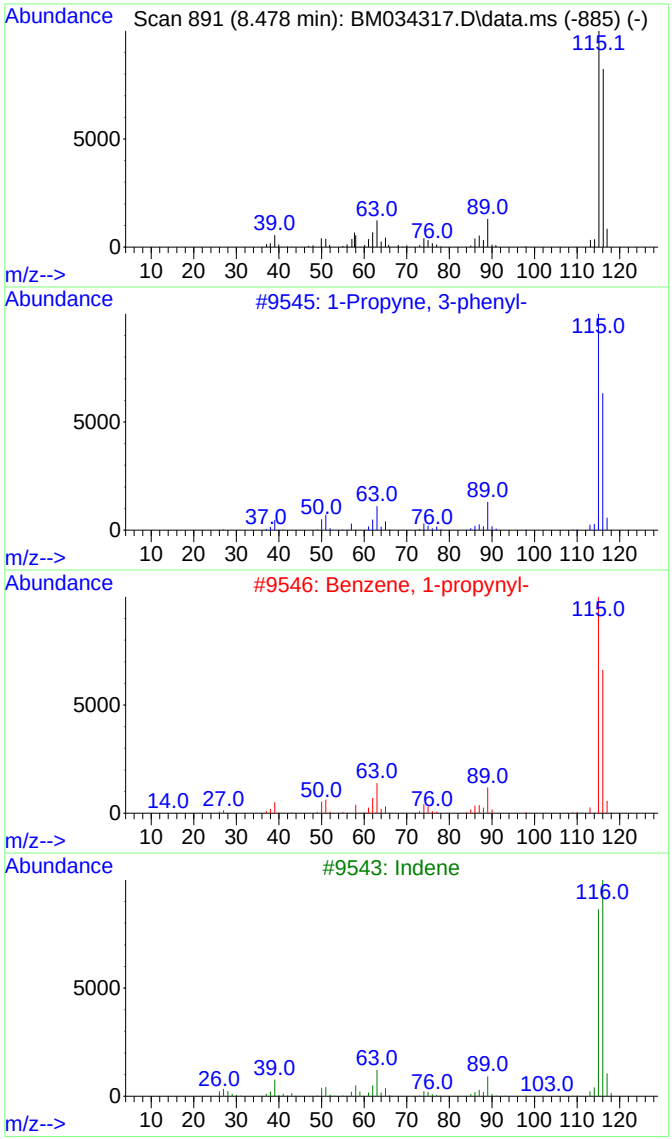
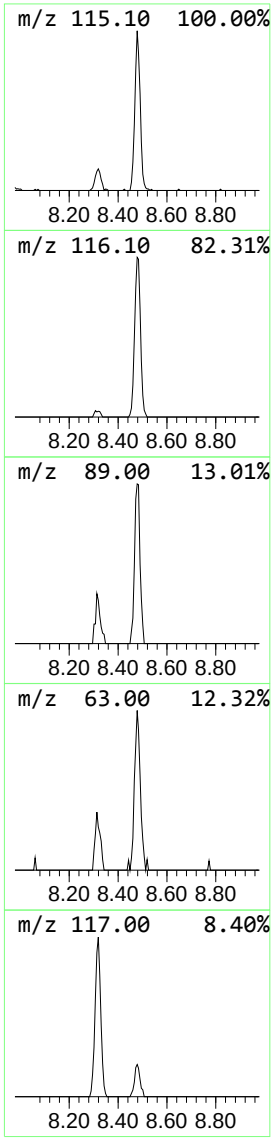
Peak Number 2 1-Propyne, 3-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.478	2.36 ng	101797	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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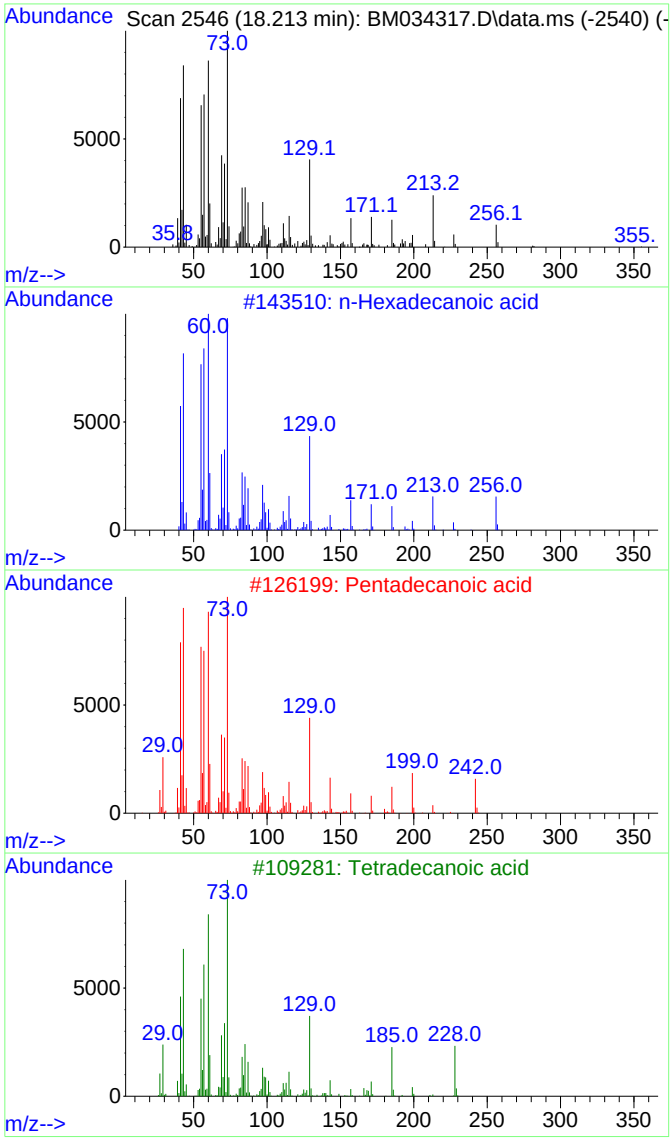
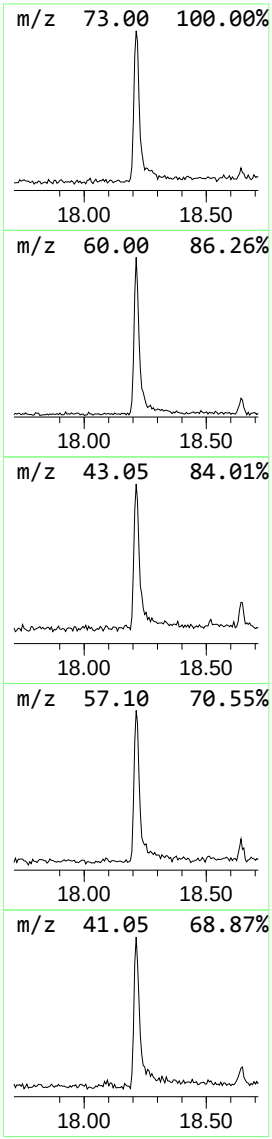
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.213	4.33 ng	357573	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-18.5-19.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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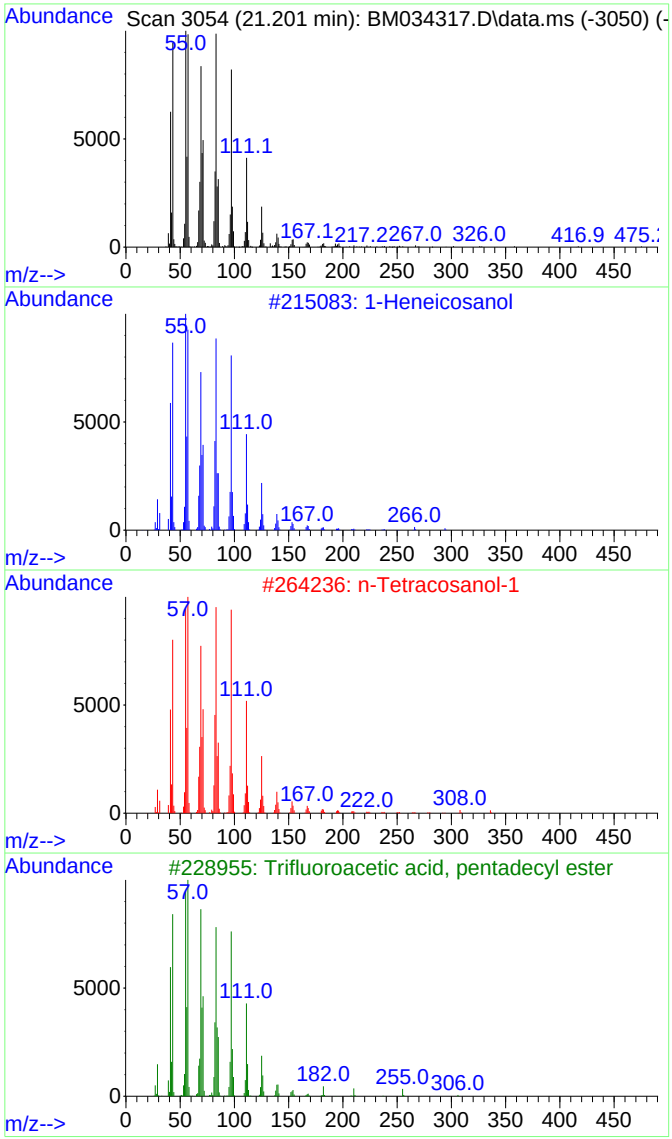
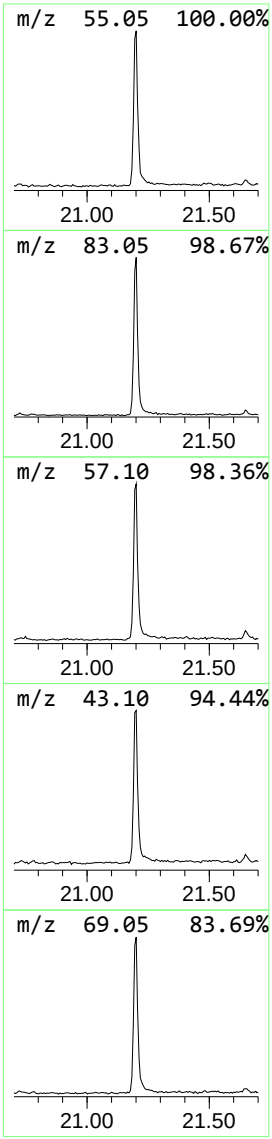
Peak Number 4 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.201	8.44 ng	787882	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Propyne, 3-ph...	8.478	2.4	ng	101797	1	7.937	862302	20.0
n-Hexadecanoic ...	18.213	4.3	ng	357573	4	17.319	1652340	20.0
1-Heneicosanol	21.201	8.4	ng	787882	5	21.489	1866800	20.0