

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053023.D
 Acq On : 5 Apr 2022 00:52
 Operator : CG/JU
 Sample : N2220-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A05140

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-BG031522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.692	384	392	403	rBV	544750	912330	33.99%	7.924%
2	7.278	654	662	670	rBV	608841	1045417	38.94%	9.080%
3	8.130	800	807	813	rBV	128503	225155	8.39%	1.956%
4	9.287	996	1004	1012	rBV	376577	674441	25.12%	5.858%
5	10.938	1276	1285	1292	rBV	168943	302371	11.26%	2.626%
6	13.370	1692	1699	1708	rVB	943068	1496317	55.74%	12.996%
7	14.744	1927	1933	1942	rVB	266926	440020	16.39%	3.822%
8	15.349	2023	2036	2038	rBV3	25359	78449	2.92%	0.681%
9	16.230	2178	2186	2193	rBV	882070	1376219	51.27%	11.953%
10	17.487	2394	2400	2407	rBV	389100	585439	21.81%	5.085%
11	18.369	2545	2550	2555	rBV3	100326	146805	5.47%	1.275%
12	20.096	2838	2844	2853	rVB	2037573	2684445	100.00%	23.316%
13	21.394	3061	3065	3073	rVB2	90513	135865	5.06%	1.180%
14	21.770	3123	3129	3138	rVB2	402855	697935	26.00%	6.062%
15	25.077	3680	3692	3703	rVB	244711	712259	26.53%	6.186%

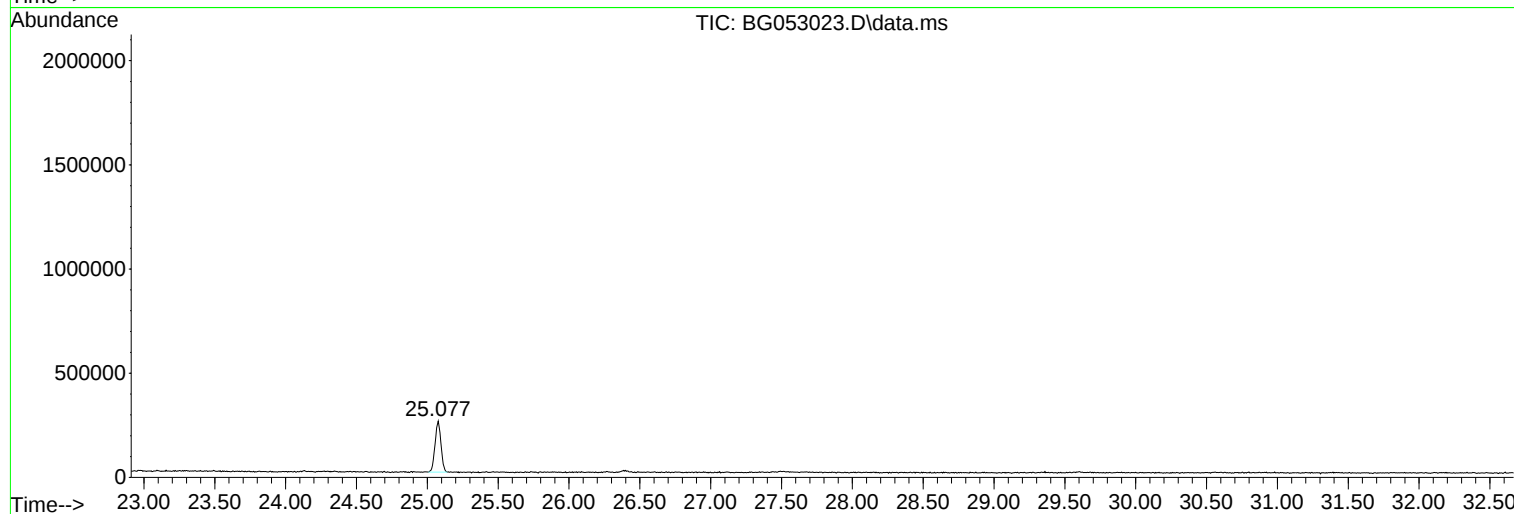
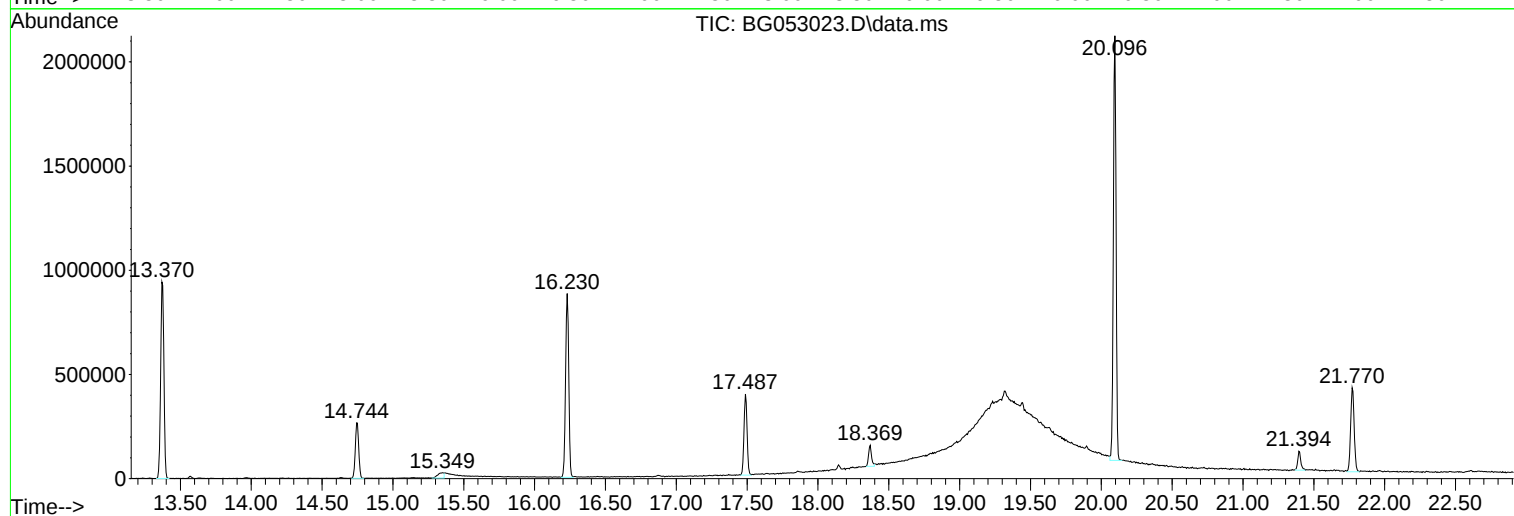
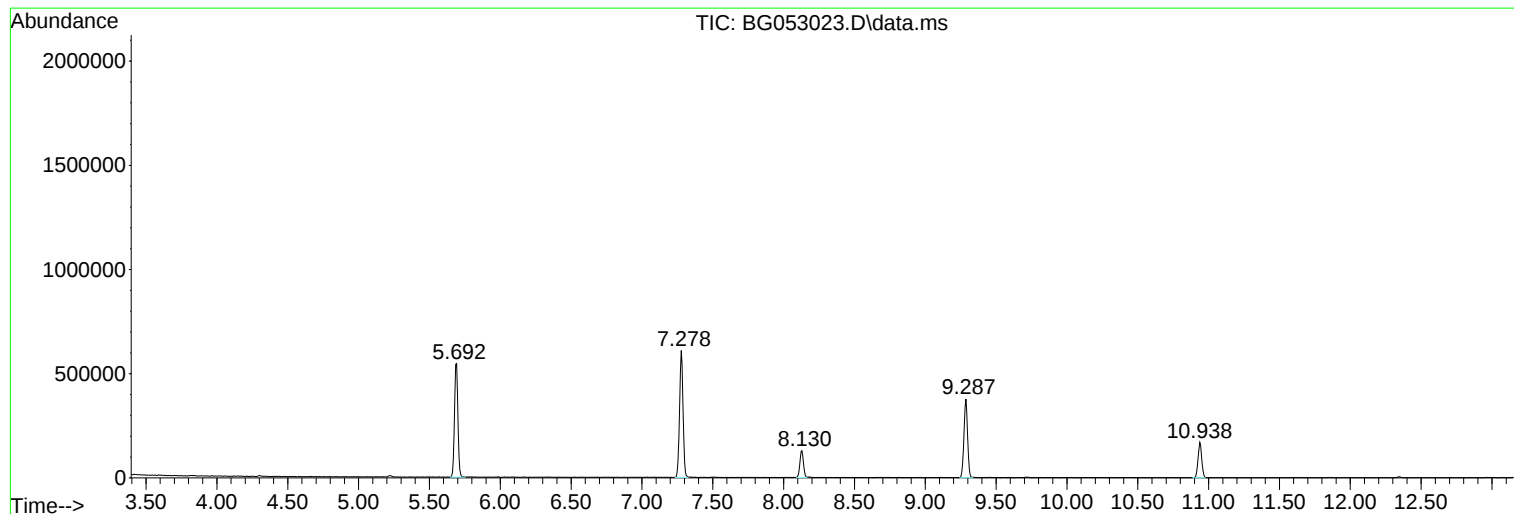
Sum of corrected areas: 11513467

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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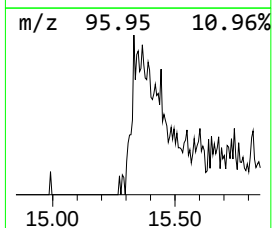
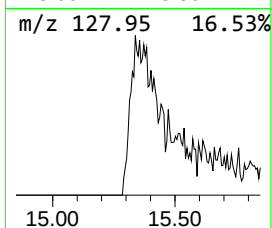
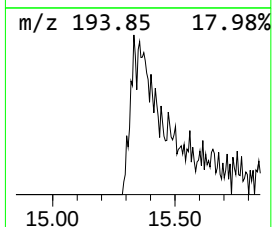
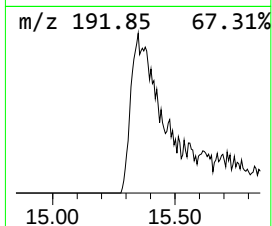
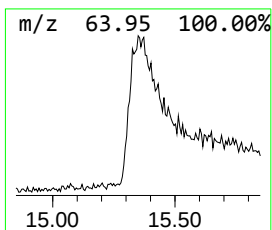
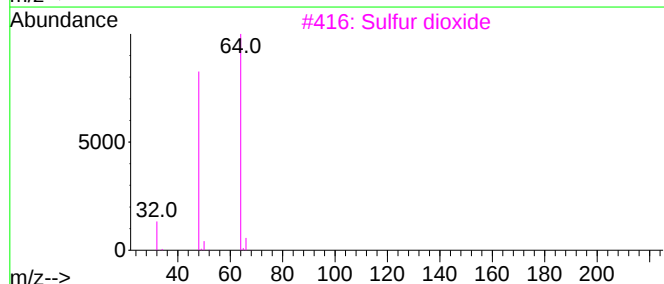
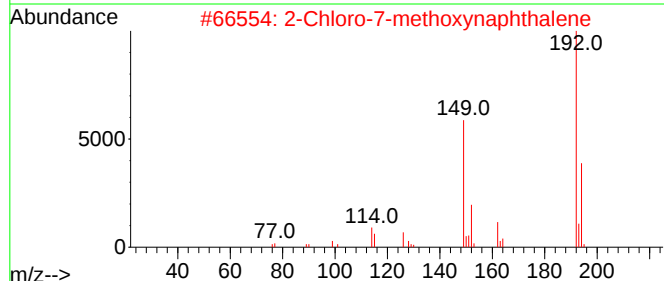
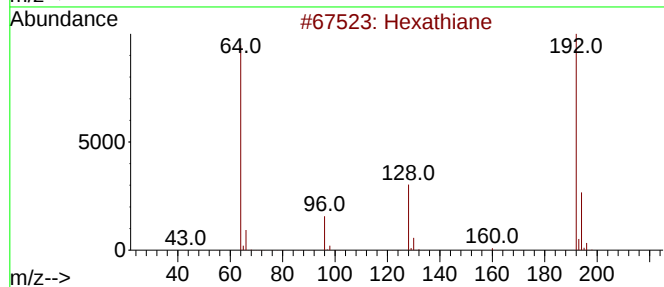
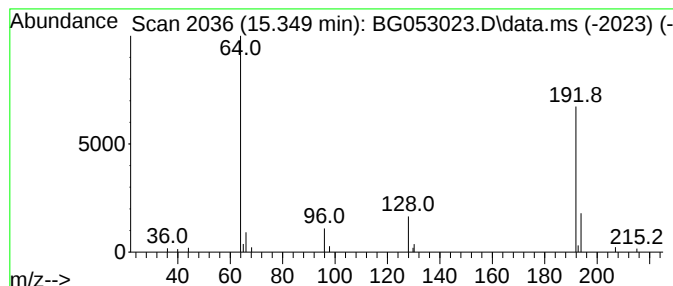
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexathiane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	3.57 ng	78449	Acenaphthene-d10	14.750

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexathiane	192	S6	013798-23-7	91
2			2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	5
3			Sulfur dioxide	64	O2S	007446-09-5	4
4			Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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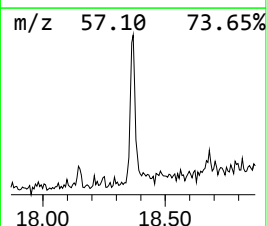
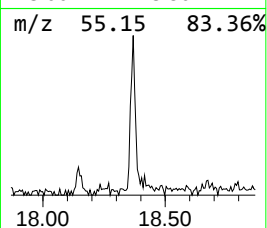
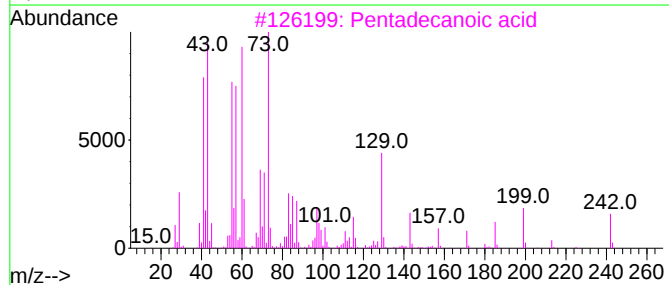
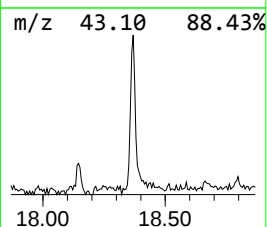
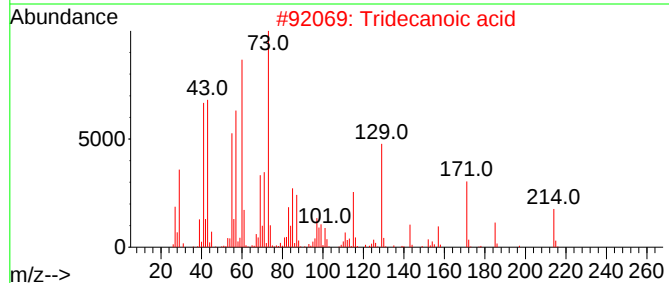
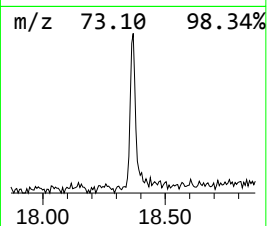
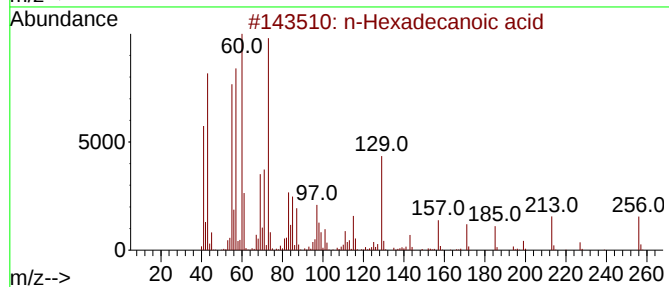
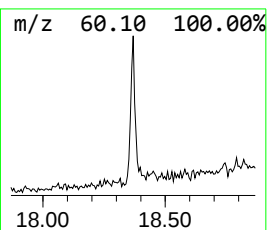
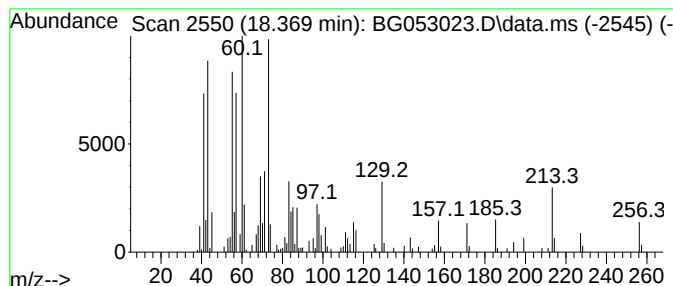
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	5.02 ng	146805	Phenanthrene-d10	17.488

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	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5			Nonanoic acid	158	C9H18O2	000112-05-0	53



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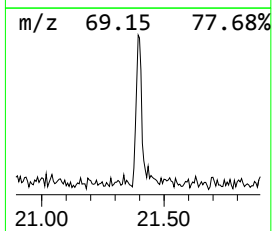
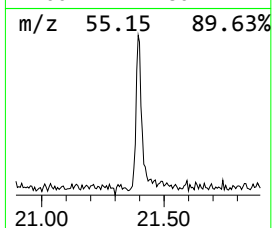
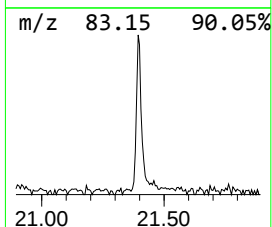
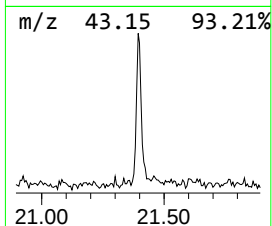
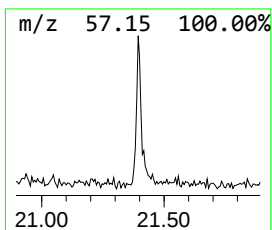
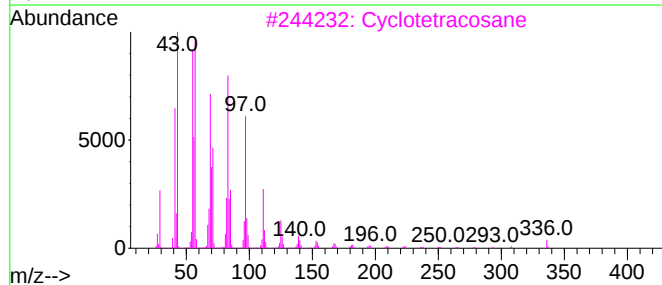
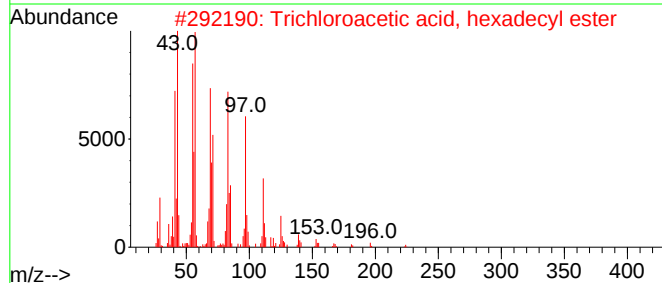
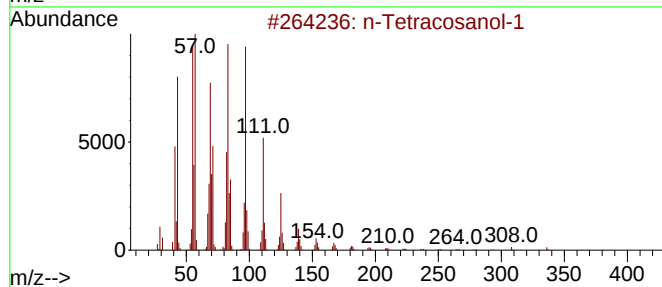
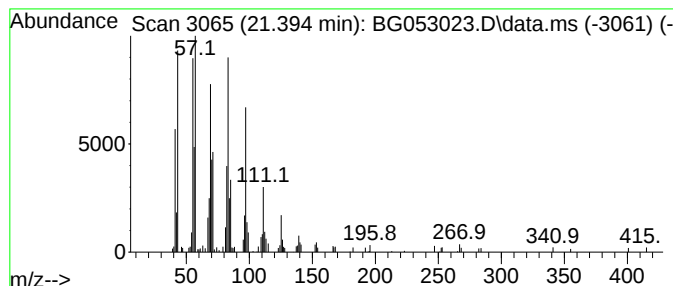
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Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.394	3.89 ng	135865	Chrysene-d12	21.770

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3			Cyclotetracosane	336	C24H48	000297-03-0	93
4			Cyclotetradecane	196	C14H28	000295-17-0	91
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexathiane	15.349	3.6	ng	78449	3	14.750	440020	20.0
n-Hexadecanoic ...	18.369	5.0	ng	146805	4	17.488	585439	20.0
n-Tetracosanol-1	21.394	3.9	ng	135865	5	21.770	697935	20.0