LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039513.D
Acq On : 20 Apr 2023 02:29
Operator : CG/JU
Sample : 02296-14DL2 30X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCBL8DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.966	154	158	165	rBV4	14816	24036	0.24%	0.073%
2	5.813	470	472	481	rVB5	6237	10031	0.10%	0.031%
3	7.384	734	739	743	rBV5	5538	12407	0.12%	0.038%
4	7.466	747	753	761	rVV	64348	107625	1.07%	0.329%
5	7.825	808	814	829	rBV	649524	1215373	12.12%	3.711%
6	7.931	829	832	842	rVB	24422	50516	0.50%	0.154%
7	8.195	873	877	885	rBV	13052	23897	0.24%	0.073%
8	8.366	901	906	917	rVB	31984	68836	0.69%	0.210%
9	8.607	939	947	952	rBV9	4668	10464	0.10%	0.032%
10	8.936	998	1003	1007	rBV5	6858	11836	0.12%	0.036%
11	9.013	1011	1016	1028	rBV4	18522	46146	0.46%	0.141%
12	9.148	1034	1039	1043	rBV	73622	134125	1.34%	0.410%
13	9.189	1043	1046	1056	rVV2	43048	110790	1.10%	0.338%
14	9.325	1060	1069	1075	rVV	40707	117466	1.17%	0.359%
15	9.389	1077	1080	1087	rVV4	14459	28319	0.28%	0.086%
16	9.460	1087	1092	1096	rVV2	10475	20673	0.21%	0.063%
17	9.519	1096	1102	1110	rVB2	10799	20885	0.21%	0.064%
18	9.742	1134	1140	1149	rVB2	7880	20796	0.21%	0.063%
19	10.031	1183	1189	1197	rBV2	24406	51351	0.51%	0.157%
20	10.331	1233	1240	1244	rBV7	7559	16307	0.16%	0.050%
21	10.631	1283	1291	1295	rBV	1091322	1940091	19.35%	5.924%
22	10.683	1295	1300	1315	rVV	5868668	10026498	100.00%	30.613%
23	10.807	1315	1321	1332	rVB	229408	462011	4.61%	1.411%
24	12.201	1551	1558	1565	rBV	37986	67992	0.68%	0.208%
25	12.307	1569	1576	1582	rBV4	7678	15666	0.16%	0.048%
26	12.519	1602	1612	1627	rBV	741652	1345256	13.42%	4.107%
27	13.319	1741	1748	1756	rBV	230225	415242	4.14%	1.268%
28	13.513	1776	1781	1793	rVB	33652	79238	0.79%	0.242%
29	13.648	1797	1804	1805	rBV	46815	67692	0.68%	0.207%
30	13.801	1824	1830	1838	rBV	97442	180228	1.80%	0.550%
31	13.901	1838	1847	1858	rVB	64622	116005	1.16%	0.354%
32	14.042	1864	1871	1874	rBV	33824	60141	0.60%	0.184%
33	14.177	1888	1894	1897	rBV	68762	110300	1.10%	0.337%
34	14.307	1911	1916	1924	rBV	21656	48263	0.48%	0.147%
35	14.483	1936	1946	1952	rBV	1788740	2843087	28.36%	8.681%
36	14.548	1952	1957	1966	rVV	863799	1339141	13.36%	4.089%

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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Title : SVOA CALIBRATION

37	14.630	1966	1971	1985	rVB	94941	202522	2.02%	0.618%
38	14.789	1994	1998	2004	rVB4	9333	14522	0.14%	0.044%
39	14.883	2007	2014	2025	rBV	607959	982356	9.80%	2.999%
40	15.101	2047	2051	2057	rVB7	6771	12878	0.13%	0.039%
41	15.483	2110	2116	2122	rBV	86932	148992	1.49%	0.455%
42	15.536	2122	2125	2134	rVB3	15378	28172	0.28%	0.086%
43	15.783	2162	2167	2171	rBV4	11194	20717	0.21%	0.063%
44	15.836	2171	2176	2188	rVV4	21093	58767	0.59%	0.179%
45	15.942	2190	2194	2197	rVV5	5942	10646	0.11%	0.033%
46	15.983	2197	2201	2212	rVV3	21630	59926	0.60%	0.183%
47	16.230	2236	2243	2250	rBV8	16688	42792	0.43%	0.131%
48	16.418	2270	2275	2283	rBV10	5909	15698	0.16%	0.048%
49	16.524	2286	2293	2298	rVV7	5708	13956	0.14%	0.043%
50	17.054	2379	2383	2389	rVB	25455	37279	0.37%	0.114%
51	17.230	2407	2413	2418	rBV	2130064	3226408	32.18%	9.851%
52	17.271	2418	2420	2427	rVV	353763	556567	5.55%	1.699%
53	17.336	2427	2431	2442	rVB	93458	185612	1.85%	0.567%
54	17.654	2479	2485	2507	rBV	210046	484361	4.83%	1.479%
55	17.971	2535	2539	2544	rVB8	5812	10796	0.11%	0.033%
56	18.177	2569	2574	2582	rBV3	14137	34506	0.34%	0.105%
57	19.636	2817	2822	2831	rBV	108613	203246	2.03%	0.621%
58	21.424	3121	3126	3142	rBV	1819166	2794261	27.87%	8.532%
59	23.783	3521	3527	3540	rBV2	1125468	2388326	23.82%	7.292%

Sum of corrected areas: 32752036

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Instrument :
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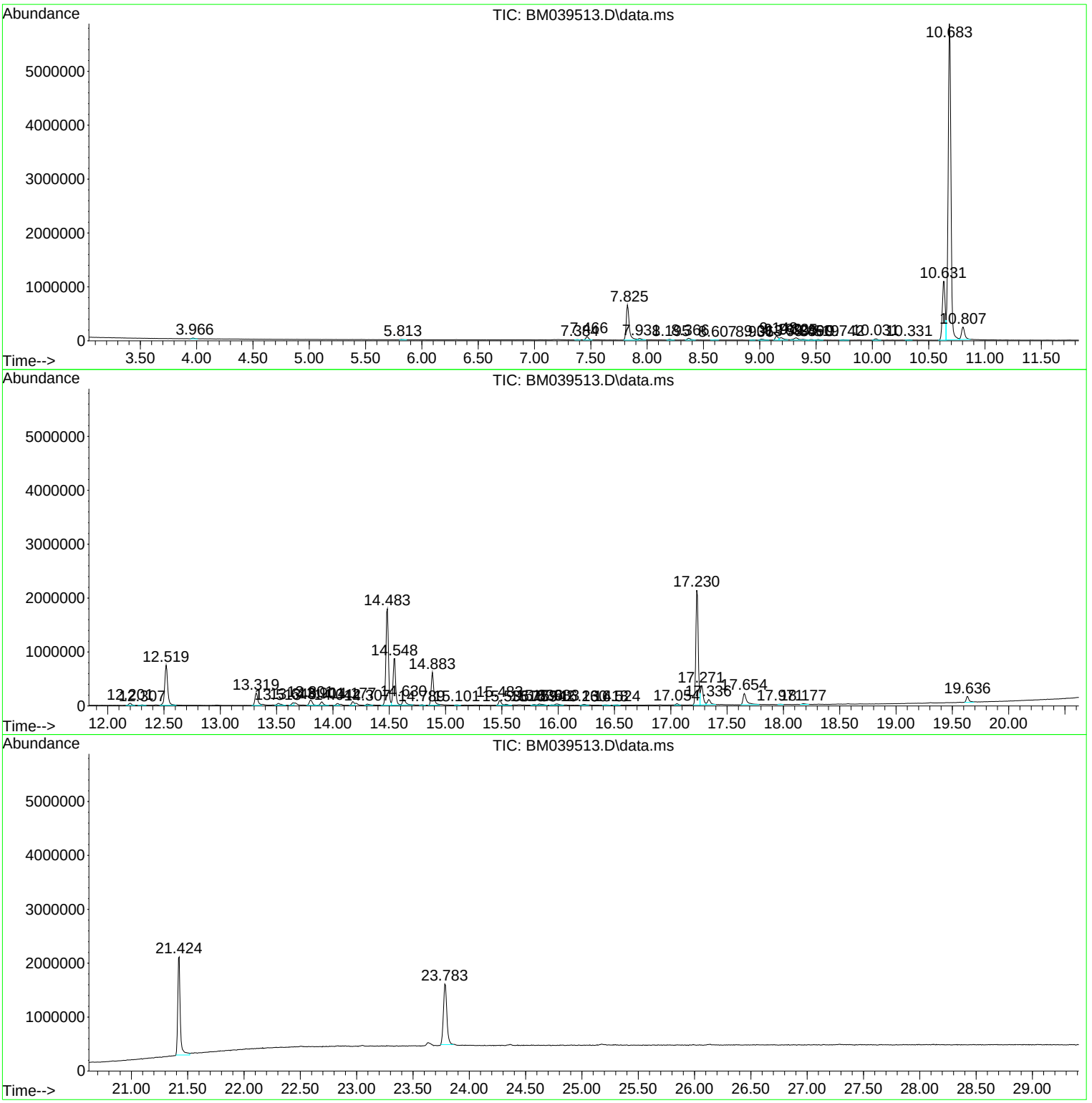
ClientSampleId :
DCBL8DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBL8DL2

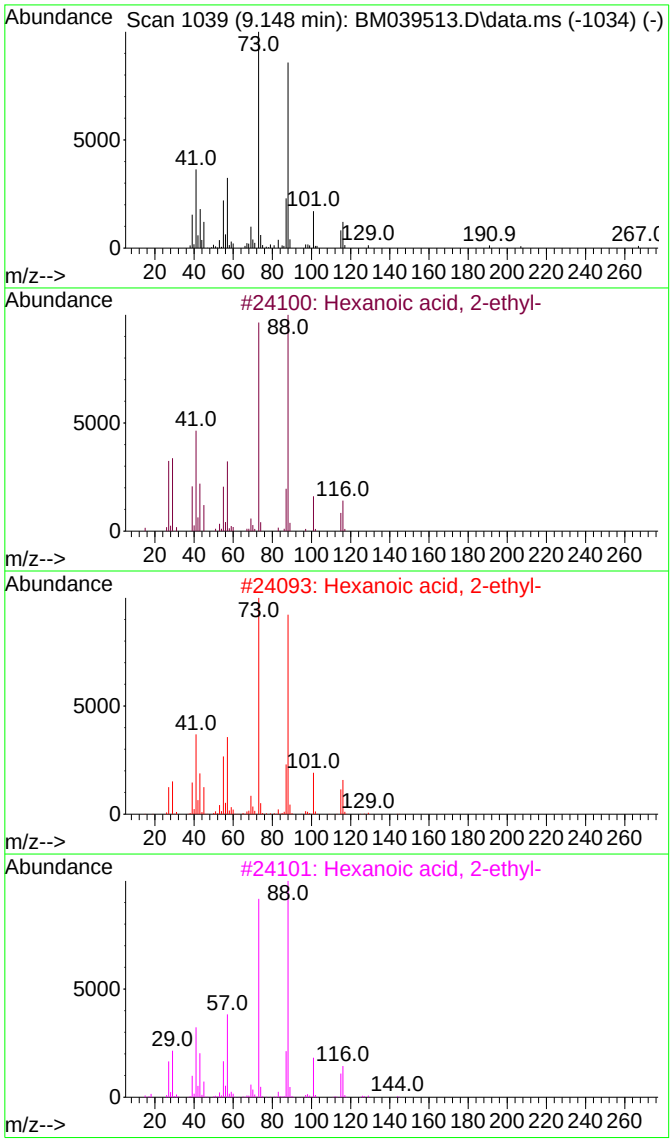
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

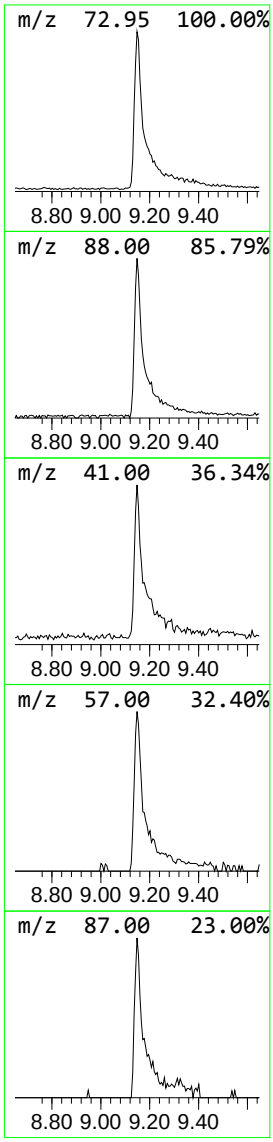
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.148	2.21 ng/ul	134125	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72





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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBL8DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

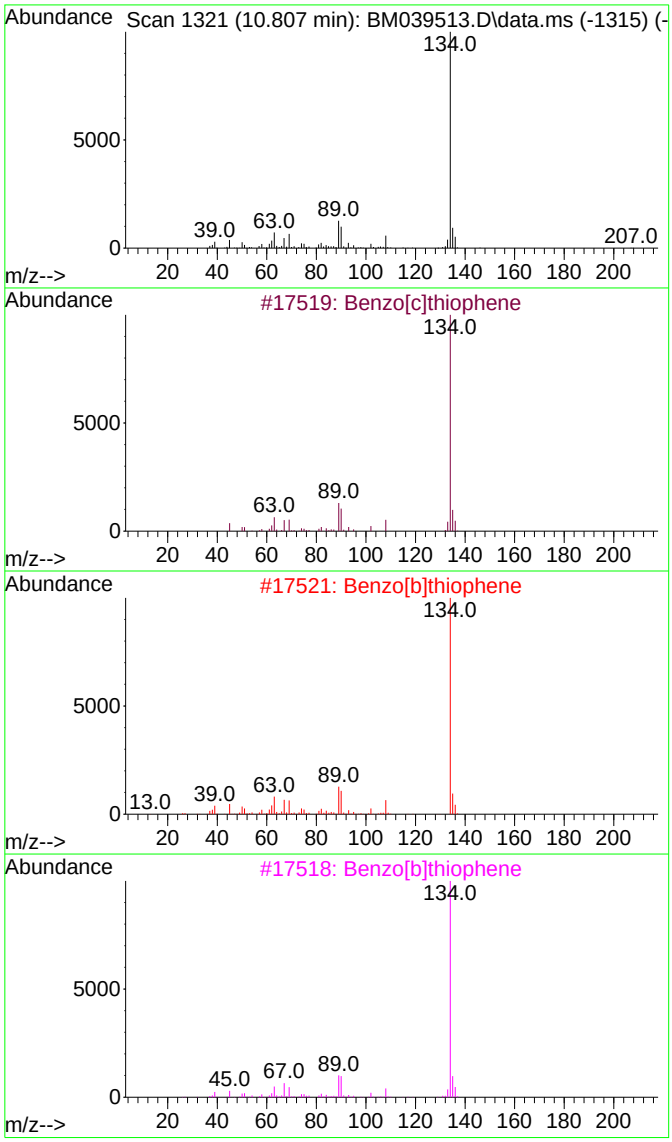
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

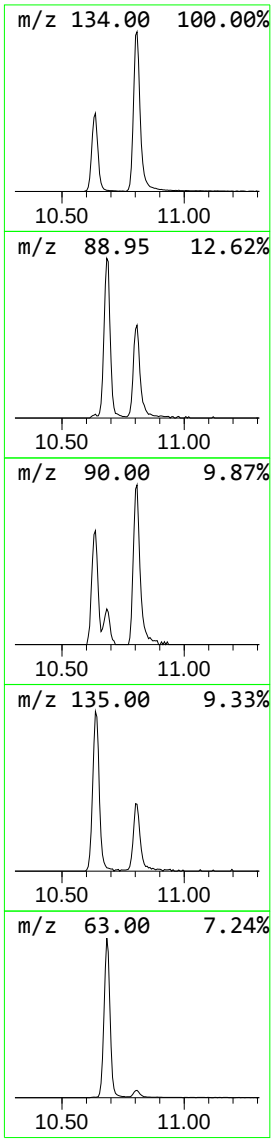
****

Peak Number 2 Benzo[c]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.807	4.76 ng/ul	462011	Naphthalene-d8	10.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA 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
Hexanoic acid, ...	9.148	2.2	ng/ul	134125	1	7.825	1215370	20.0
Benzo[c]thiophene	10.807	4.8	ng/ul	462011	2	10.636	1940090	20.0