LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110653.D
Acq On : 10 Nov 2018 3:04
Operator : JU/SJ
Sample : J5884-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_F\METHODS\8270-BF110818.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	2.222	19	23	31	rVB	25111	35322	5.94%	0.484%
2	5.163	521	523	528	rBV	10603	12810	2.15%	0.175%
3	5.557	587	590	601	rBV	358892	377645	63.49%	5.174%
4	6.563	758	761	767	rBV	413989	426236	71.66%	5.839%
5	6.610	767	769	776	rVB	30314	35195	5.92%	0.482%
6	6.710	783	786	793	rBV	501921	431008	72.47%	5.905%
7	6.763	793	795	799	rVB2	22684	18615	3.13%	0.255%
8	6.945	822	826	837	rVB	537488	466341	78.41%	6.389%
9	7.098	849	852	860	rVB	362686	314913	52.95%	4.314%
10	7.204	865	870	873	rBV	9488	8720	1.47%	0.119%
11	7.263	877	880	885	rBV2	8384	8479	1.43%	0.116%
12	7.469	909	915	918	rBV3	9515	14178	2.38%	0.194%
13	7.510	918	922	929	rVV2	221712	287738	48.38%	3.942%
14	7.581	932	934	937	rVV3	11717	12785	2.15%	0.175%
15	7.628	937	942	946	rVV3	12161	18236	3.07%	0.250%
16	7.663	946	948	953	rVV4	6273	10825	1.82%	0.148%
17	7.704	953	955	958	rVV	12142	13948	2.35%	0.191%
18	7.745	960	962	969	rVB3	12286	14070	2.37%	0.193%
19	7.863	979	982	984	rBV4	10350	11784	1.98%	0.161%
20	7.892	984	987	989	rVB3	10510	11142	1.87%	0.153%
21	7.922	989	992	996	rBV2	10789	10514	1.77%	0.144%
22	7.957	996	998	1001	rBV3	14557	13067	2.20%	0.179%
23	7.998	1003	1005	1008	rVB2	9192	7801	1.31%	0.107%
24	8.034	1008	1011	1015	rVB3	8311	9019	1.52%	0.124%
25	8.087	1017	1020	1022	rBV3	10280	8611	1.45%	0.118%
26	8.192	1035	1038	1040	rBV	38734	36561	6.15%	0.501%
27	8.228	1040	1044	1049	rVV	669856	594767	100.00%	8.148%
28	8.269	1049	1051	1054	rVV	56513	45700	7.68%	0.626%
29	8.304	1054	1057	1063	rVB5	17932	29114	4.90%	0.399%
30	8.416	1074	1076	1082	rVB4	12600	12971	2.18%	0.178%
31	8.504	1084	1091	1096	rVB5	30090	42962	7.22%	0.589%
32	8.551	1096	1099	1102	rBV3	11776	14954	2.51%	0.205%
33	8.628	1109	1112	1115	rBV	57464	40707	6.84%	0.558%
34	8.657	1115	1117	1120	rVB2	7888	6953	1.17%	0.095%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5884-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_F\METHODS\8270-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.722	1126	1128	1131	rBV2	10485	11368	1.91%	0.156%
36	8.757	1131	1134	1136	rVV2	15015	15824	2.66%	0.217%
37	8.798	1136	1141	1146	rVV	34269	43537	7.32%	0.596%
38	8.845	1146	1149	1152	rVV5	12307	22198	3.73%	0.304%
39	8.898	1155	1158	1164	rVB4	18374	24995	4.20%	0.342%
40	8.963	1167	1169	1172	rVB3	8568	7381	1.24%	0.101%
41	8.992	1172	1174	1176	rBV2	11679	11286	1.90%	0.155%
42	9.045	1181	1183	1184	rBV2	11872	9966	1.68%	0.137%
43	9.081	1187	1189	1191	rBV2	15565	14714	2.47%	0.202%
44	9.128	1194	1197	1200	rVB3	20046	23209	3.90%	0.318%
45	9.163	1200	1203	1208	rBV7	13634	17662	2.97%	0.242%
46	9.204	1208	1210	1212	rBV	18091	17308	2.91%	0.237%
47	9.228	1212	1214	1217	rVB	51025	36620	6.16%	0.502%
48	9.298	1222	1226	1234	rVV	506631	429102	72.15%	5.879%
49	9.369	1234	1238	1242	rVV2	39173	51636	8.68%	0.707%
50	9.404	1242	1244	1249	rVV5	12050	20482	3.44%	0.281%
51	9.445	1249	1251	1254	rVB3	13106	11960	2.01%	0.164%
52	9.557	1267	1270	1271	rBV2	6590	7093	1.19%	0.097%
53	9.622	1277	1281	1283	rBV4	9765	13458	2.26%	0.184%
54	9.645	1283	1285	1287	rVB2	14317	9673	1.63%	0.133%
55	9.686	1287	1292	1295	rBV3	94943	103645	17.43%	1.420%
56	9.745	1300	1302	1304	rBV2	13028	11438	1.92%	0.157%
57	9.792	1308	1310	1312	rVB2	14078	11117	1.87%	0.152%
58	9.839	1312	1318	1320	rBV4	20622	24173	4.06%	0.331%
59	9.892	1320	1327	1332	rVB3	30048	42186	7.09%	0.578%
60	9.933	1332	1334	1337	rBV3	10500	14160	2.38%	0.194%
61	9.963	1337	1339	1340	rBV	12415	10642	1.79%	0.146%
62	9.986	1340	1343	1348	rVB	659559	552713	92.93%	7.572%
63	10.081	1355	1359	1363	rBV5	9123	14948	2.51%	0.205%
64	10.133	1363	1368	1370	rVV3	13293	22143	3.72%	0.303%
65	10.151	1370	1371	1374	rVV2	15249	10792	1.81%	0.148%
66	10.186	1374	1377	1380	rVV2	16995	15799	2.66%	0.216%
67	10.228	1380	1384	1387	rVB4	14713	20858	3.51%	0.286%
68	10.298	1392	1396	1400	rBV6	18485	30818	5.18%	0.422%
69	10.333	1400	1402	1407	rVB5	13804	17384	2.92%	0.238%
70	10.392	1408	1412	1414	rBV3	60922	54743	9.20%	0.750%
71	10.428	1414	1418	1420	rVB4	10043	10226	1.72%	0.140%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.616	1445	1450	1452	rBV2	65244	76949	12.94%	1.054%
73	10.639	1452	1454	1457	rVB3	11368	9829	1.65%	0.135%
74	10.669	1457	1459	1462	rVB3	10678	8955	1.51%	0.123%
75	10.698	1462	1464	1468	rBV5	7820	7776	1.31%	0.107%
76	10.739	1468	1471	1474	rVB3	13910	14594	2.45%	0.200%
77	10.780	1474	1478	1482	rBV	193037	196455	33.03%	2.691%
78	10.880	1490	1495	1503	rVB	103566	122097	20.53%	1.673%
79	11.063	1523	1526	1527	rBV3	7994	7535	1.27%	0.103%
80	11.092	1527	1531	1533	rVB3	10147	13030	2.19%	0.179%
81	11.116	1533	1535	1540	rBV5	12046	12162	2.04%	0.167%
82	11.316	1567	1569	1571	rBV2	12462	9685	1.63%	0.133%
83	11.345	1571	1574	1582	rVB	54419	57330	9.64%	0.785%
84	11.480	1593	1597	1603	rBV	521199	457727	76.96%	6.271%
85	11.592	1614	1616	1618	rVB3	9276	7179	1.21%	0.098%
86	11.627	1620	1622	1626	rVB5	7208	9065	1.52%	0.124%
87	11.692	1631	1633	1638	rVV4	12404	17525	2.95%	0.240%
88	11.745	1639	1642	1646	rVB	15522	15063	2.53%	0.206%
89	11.980	1680	1682	1685	rBV3	11409	13370	2.25%	0.183%
90	12.098	1698	1702	1704	rVV4	6068	7543	1.27%	0.103%
91	12.151	1708	1711	1714	rBV	10650	9265	1.56%	0.127%
92	12.539	1773	1777	1781	rBV5	13522	16266	2.73%	0.223%
93	12.622	1788	1791	1794	rBV5	5798	8842	1.49%	0.121%
94	12.698	1802	1804	1807	rBV2	8514	6800	1.14%	0.093%
95	12.916	1839	1841	1842	rBV2	8966	6712	1.13%	0.092%
96	12.933	1842	1844	1848	rVB3	10524	12836	2.16%	0.176%
97	13.057	1862	1865	1869	rBV	287204	269345	45.29%	3.690%
98	13.239	1894	1896	1898	rBV3	11031	12038	2.02%	0.165%
99	14.133	2044	2048	2055	rBV	420224	445483	74.90%	6.103%
100	15.657	2304	2307	2312	rVB	203904	276965	46.57%	3.794%

Sum of corrected areas: 7299369

LSC Report - Integrated Chromatogram

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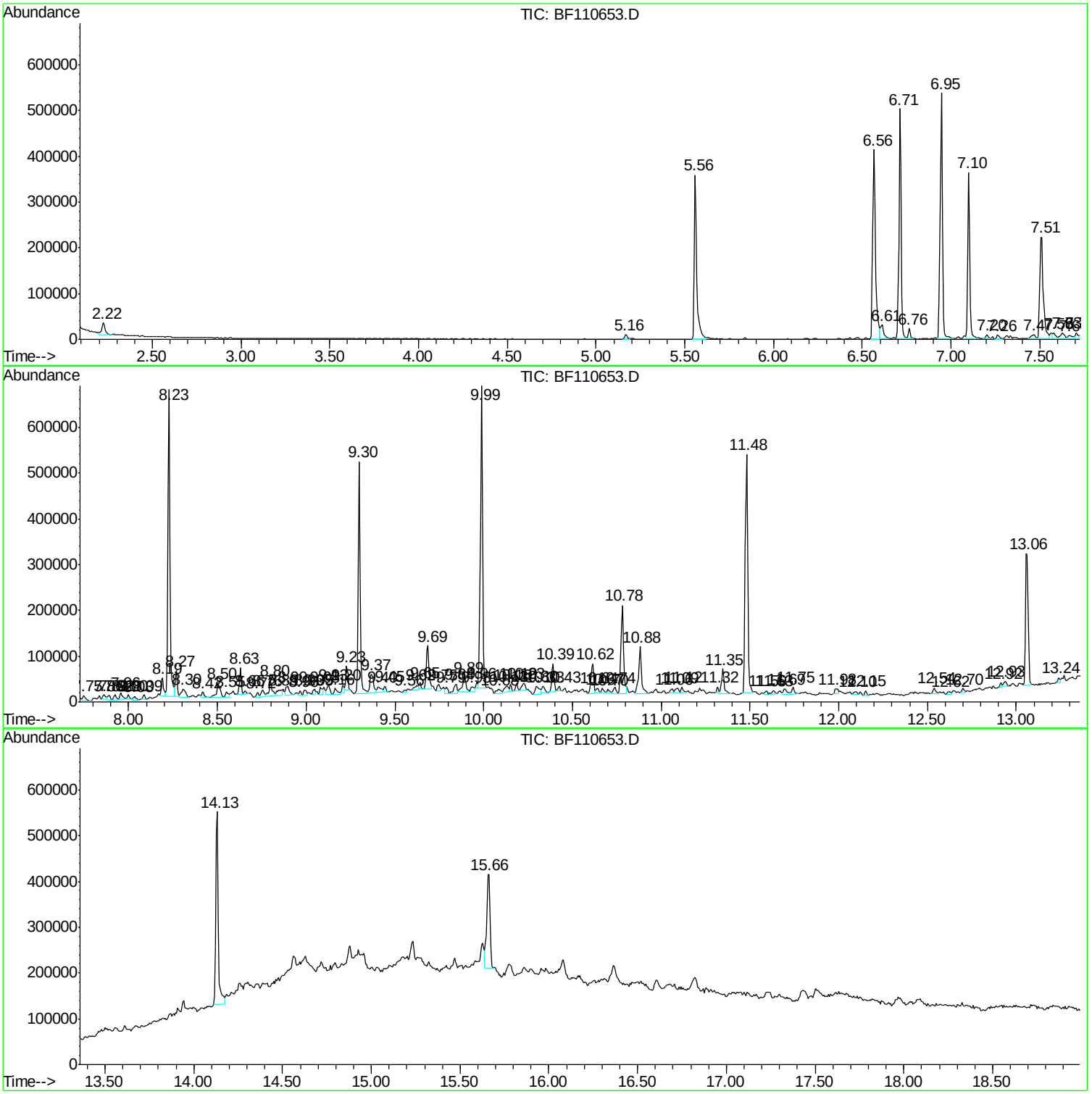
Sample : J5884-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	18.48 ng	431008	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9

****

Peak Number 2 1,2-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	13.51 ng	314913	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	97
2	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	97
3	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38
4	Benzenamine, N,N-dimethyl-4-nitr...	150	C8H10N2O	000138-89-6	12
5	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-56-1	10

****

Peak Number 3 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.75 ng	103645	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	70
2	Tritetracontane	605	C43H88	007098-21-7	62
3	Octacosane	394	C28H58	000630-02-4	58
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	58
5	Pentadecane	212	C15H32	000629-62-9	52

****

Peak Number 4 Undecane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Misc :
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Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.78 ng	76949	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74

****

Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	5.33 ng	122097	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Octacosane	394	C28H58	000630-02-4	80

****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	2.50 ng	57330	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80

Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
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Operator : JU/SJ
Sample : J5884-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Chloro-6-fluoro...	6.71	18.5	ng	431008	1	6.95	466341	20.0
1,2-Dichlorobenze...	7.10	13.5	ng	314913	1	6.95	466341	20.0
Tetratetracontane	9.69	3.8	ng	103645	3	9.99	552713	20.0
Undecane, 2,5-dim...	10.62	2.8	ng	76949	3	9.99	552713	20.0
Hexadecane, 2,6,1...	10.88	5.3	ng	122097	4	11.48	457727	20.0
Heneicosane	11.35	2.5	ng	57330	4	11.48	457727	20.0