

Data Path : Z:\HPCHEM1\BNA F\Data\BF030118\
 Data File : BF103328.D
 Acq On : 1 Mar 2018 11:29
 Operator : SJ/JU
 Sample : J1710-04 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF103328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.092	508	511	518	rBV	20319	24925	1.88%	0.115%
2	5.492	576	579	603	rBV	817887	935867	70.64%	4.319%
3	6.145	685	690	693	rBV	48798	43020	3.25%	0.199%
4	6.504	747	751	767	rBV	781363	962033	72.62%	4.439%
5	6.639	771	774	781	rVV	1014288	959881	72.45%	4.429%
6	6.692	781	783	788	rVB2	14266	17758	1.34%	0.082%
7	6.869	810	813	820	rBV	1032602	943422	71.21%	4.354%
8	7.028	836	840	851	rBV	727002	661793	49.95%	3.054%
9	7.433	906	909	924	rBV	483017	564755	42.63%	2.606%
10	8.157	1028	1032	1044	rBV	1256601	1324822	100.00%	6.114%
11	8.722	1124	1128	1136	rVB2	67708	60626	4.58%	0.280%
12	8.875	1150	1154	1158	rBV	49461	54643	4.12%	0.252%
13	8.969	1165	1170	1176	rBV	51647	53036	4.00%	0.245%
14	9.227	1210	1214	1223	rBV	952227	875753	66.10%	4.041%
15	9.298	1223	1226	1229	rVV2	27691	26570	2.01%	0.123%
16	9.333	1229	1232	1237	rVB	16783	19186	1.45%	0.089%
17	9.427	1245	1248	1255	rVB	11836	16044	1.21%	0.074%
18	9.498	1255	1260	1264	rBV2	23228	32655	2.46%	0.151%
19	9.569	1267	1272	1275	rBV	46179	54269	4.10%	0.250%
20	9.598	1275	1277	1279	rVV	22136	17066	1.29%	0.079%
21	9.622	1279	1281	1288	rVB	56004	69023	5.21%	0.319%
22	9.686	1288	1292	1294	rBV3	22951	24435	1.84%	0.113%
23	9.774	1304	1307	1313	rBV	28312	25525	1.93%	0.118%
24	9.827	1313	1316	1320	rBV	42936	38376	2.90%	0.177%
25	9.910	1327	1330	1334	rBV	1240109	1234156	93.16%	5.695%
26	9.945	1334	1336	1343	rVB	139071	129890	9.80%	0.599%
27	10.016	1345	1348	1352	rVB3	13569	18042	1.36%	0.083%
28	10.069	1352	1357	1359	rBV2	16006	21919	1.65%	0.101%
29	10.121	1362	1366	1369	rBV2	69509	81484	6.15%	0.376%
30	10.151	1369	1371	1375	rVB3	29865	29980	2.26%	0.138%
31	10.227	1380	1384	1387	rBV3	18893	22492	1.70%	0.104%
32	10.257	1387	1389	1394	rVB3	17658	18347	1.38%	0.085%
33	10.327	1394	1401	1405	rBV2	67178	84762	6.40%	0.391%
34	10.463	1420	1424	1429	rBV	118056	111874	8.44%	0.516%

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35	10.527	1433	1435	1437	rVV	28847	30981	2.34%	0.143%
36	10.545	1437	1438	1441	rVV	40509	32207	2.43%	0.149%
37	10.598	1445	1447	1449	rVV2	18149	21286	1.61%	0.098%
38	10.621	1449	1451	1456	rVB	30697	30001	2.26%	0.138%
39	10.704	1462	1465	1471	rBV	542626	562890	42.49%	2.598%
40	10.804	1479	1482	1492	rVB3	48730	73766	5.57%	0.340%
41	11.010	1511	1517	1520	rBV5	39997	65931	4.98%	0.304%
42	11.039	1520	1522	1524	rVV2	19740	16001	1.21%	0.074%
43	11.092	1529	1531	1533	rVB3	19855	15857	1.20%	0.073%
44	11.133	1533	1538	1540	rBV5	23321	33769	2.55%	0.156%
45	11.157	1540	1542	1548	rVV3	23959	26197	1.98%	0.121%
46	11.216	1548	1552	1555	rVV	53612	57303	4.33%	0.264%
47	11.251	1555	1558	1562	rVV3	67820	87765	6.62%	0.405%
48	11.304	1564	1567	1571	rVB	56084	54552	4.12%	0.252%
49	11.404	1580	1584	1586	rBV	1400498	1302700	98.33%	6.011%
50	11.427	1586	1588	1593	rVV	1160391	1011241	76.33%	4.666%
51	11.480	1594	1597	1602	rVV	253535	258046	19.48%	1.191%
52	11.521	1602	1604	1609	rVB4	23350	26376	1.99%	0.122%
53	11.639	1620	1624	1628	rBV2	78833	96858	7.31%	0.447%
54	11.674	1628	1630	1632	rVV2	24757	17718	1.34%	0.082%
55	11.698	1632	1634	1638	rVV3	23572	20636	1.56%	0.095%
56	11.739	1638	1641	1646	rVB4	31231	45177	3.41%	0.208%
57	11.816	1649	1654	1657	rVV5	17768	25949	1.96%	0.120%
58	11.910	1666	1670	1672	rBV2	196031	235440	17.77%	1.086%
59	11.933	1672	1674	1679	rVV	229943	218720	16.51%	1.009%
60	11.986	1679	1683	1685	rVV	79733	79507	6.00%	0.367%
61	12.021	1685	1689	1691	rVV2	207667	256143	19.33%	1.182%
62	12.039	1691	1692	1698	rVB	122390	97346	7.35%	0.449%
63	12.086	1698	1700	1703	rBV3	38198	39975	3.02%	0.184%
64	12.168	1711	1714	1716	rBV4	21675	19809	1.50%	0.091%
65	12.198	1716	1719	1722	rVV	107935	99627	7.52%	0.460%
66	12.239	1723	1726	1729	rVV	76601	78572	5.93%	0.363%
67	12.274	1730	1732	1737	rVB2	22140	21479	1.62%	0.099%
68	12.351	1742	1745	1748	rBV	39127	28283	2.13%	0.131%
69	12.380	1748	1750	1752	rVB	32716	21603	1.63%	0.100%
70	12.404	1752	1754	1756	rVB2	26410	19206	1.45%	0.089%
71	12.457	1760	1763	1765	rBV	96675	94649	7.14%	0.437%

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72	12.551	1775	1779	1782	rBV3	77697	94653	7.14%	0.437%
73	12.621	1787	1791	1795	rBV	1021896	924478	69.78%	4.266%
74	12.686	1800	1802	1803	rBV2	30726	26601	2.01%	0.123%
75	12.851	1824	1830	1836	rBV	883584	1026990	77.52%	4.739%
76	12.904	1836	1839	1842	rVB3	50400	57269	4.32%	0.264%
77	12.986	1849	1853	1856	rBV	825703	711186	53.68%	3.282%
78	13.074	1863	1868	1872	rBV3	67018	130907	9.88%	0.604%
79	13.180	1879	1886	1888	rBV2	124485	180053	13.59%	0.831%
80	13.245	1894	1897	1900	rBV	61541	56128	4.24%	0.259%
81	13.286	1900	1904	1906	rBV2	97676	104204	7.87%	0.481%
82	13.380	1917	1920	1922	rBV	58892	53820	4.06%	0.248%
83	13.410	1922	1925	1931	rVV	64599	77743	5.87%	0.359%
84	13.692	1971	1973	1977	rVB	63670	61254	4.62%	0.283%
85	13.804	1989	1992	1994	rBV	55039	55917	4.22%	0.258%
86	13.827	1994	1996	1999	rVV	66070	59487	4.49%	0.275%
87	13.868	1999	2003	2007	rVV3	137925	192032	14.49%	0.886%
88	13.904	2007	2009	2016	rVB	70891	79299	5.99%	0.366%
89	14.009	2025	2027	2030	rBV	60652	53375	4.03%	0.246%
90	14.057	2030	2035	2037	rVV2	861259	1059728	79.99%	4.890%
91	14.080	2037	2039	2043	rVB	278402	249854	18.86%	1.153%
92	14.409	2093	2095	2097	rBV2	38444	33394	2.52%	0.154%
93	14.445	2099	2101	2104	rVB	65465	63333	4.78%	0.292%
94	15.115	2212	2215	2219	rBV	178946	281402	21.24%	1.299%
95	15.427	2265	2268	2274	rVB	133917	168826	12.74%	0.779%
96	15.492	2276	2279	2284	rVB	173744	203791	15.38%	0.940%
97	15.556	2285	2290	2295	rBV	515896	688997	52.01%	3.179%
98	17.086	2545	2550	2558	rVB2	82529	193562	14.61%	0.893%

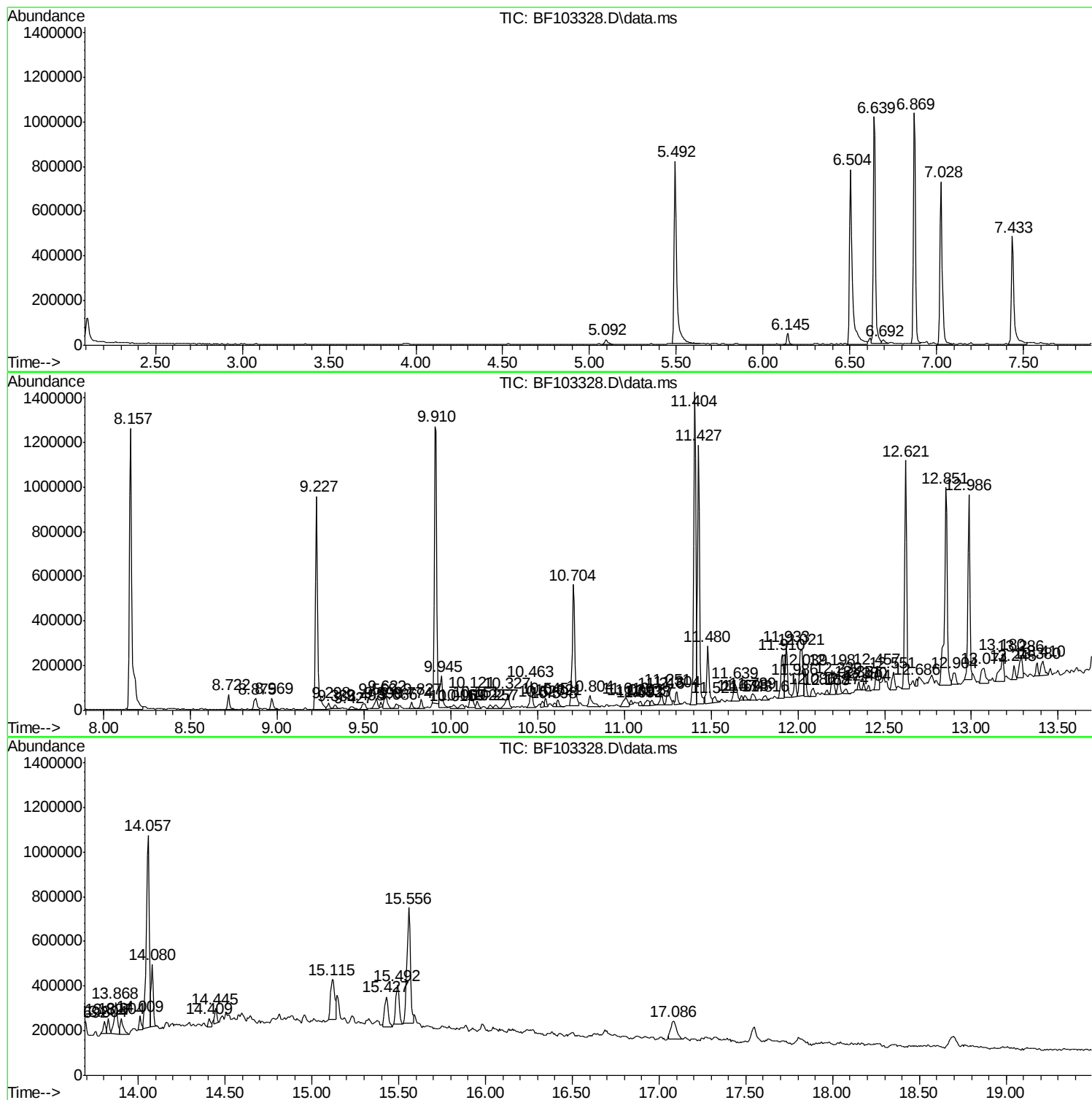
Sum of corrected areas: 21670278

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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 4-Chloro-6-fluoro-pyrimidine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.639	20.35 ng	959881	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
4			5-Aminoindole	132	C8H8N2	005192-03-0	10
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9

 Peak Number 2 1,4-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.028	14.03 ng	661793	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2			1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	90
3			9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38
4			2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	38
5			2-Bromo-3'-nitroacetophenone	243	C8H6BrNO3	002227-64-7	14

 Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.61 ng	235440	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93

 Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
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11.933	3.36 ng	218720	Phenanthrene-d10	11.404
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phenanthrene, 2-methyl-	192 C15H12	002531-84-2 93
2		Phenanthrene, 1-methyl-	192 C15H12	000832-69-9 93
3		Anthracene, 2-methyl-	192 C15H12	000613-12-7 93
4		Anthracene, 1-methyl-	192 C15H12	000610-48-0 91
5		1H-Indene, 2-phenyl-	192 C15H12	004505-48-0 91

 Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	3.93 ng	256143	Phenanthrene-d10	11.404
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4H-Cyclopenta[def]phenanthrene	190 C15H10	000203-64-5 90
2		Thiophene-3-carboxaldehyde, 5-ch...	190 C5H4BClO3S	036155-87-0 50
3		6H-Cyclobuta[jk]phenanthrene	190 C15H10	083469-43-6 40
4		Carbonic acid, ethyl 2-formyl-4,...	262 C10H8Cl2O4	1000331-34-4 40
5		Carbonic acid, butyl 2-formyl-4,...	290 C12H12Cl2O4	1000331-42-2 32

 Peak Number 6 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	2.47 ng	130907	Chrysene-d12	14.057
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 95
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 74
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 68

 Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.40 ng	180053	Chrysene-d12	14.057
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72

 Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	3.62 ng	192032	Chrysene-d12	14.057

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	70
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	64
3		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	64
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	64
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64

 Peak Number 9 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	4.90 ng	168826	Perylene-d12	15.556

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[e]pyrene	252	C20H12	000192-97-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	92
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Chloro-6-fluo...	6.639	20.3	ng	959881	1	6.869	943422	20.0
1,4-Dichloroben...	7.028	14.0	ng	661793	1	6.869	943422	20.0
Phenanthrene, 2...	11.910	3.6	ng	235440	4	11.404	1302700	20.0
Phenanthrene, 2...	11.933	3.4	ng	218720	4	11.404	1302700	20.0
4H-Cyclopenta[d...	12.021	3.9	ng	256143	4	11.404	1302700	20.0
Pyrene, 1-methyl-	13.074	2.5	ng	130907	5	14.057	1059730	20.0
11H-Benzo[b]flu...	13.180	3.4	ng	180053	5	14.057	1059730	20.0
Pentafluoroprop...	13.868	3.6	ng	192032	5	14.057	1059730	20.0
Perylene	15.427	4.9	ng	168826	6	15.556	688997	20.0