LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098751.D
Acq On : 23 Sep 2017 20:57
Operator : SJ/JU
Sample : I5360-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-A-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	4.028	324	330	334	rVB2	12837	16006	1.13%	0.131%
2	5.134	515	518	525	rBV	52414	51837	3.67%	0.425%
3	5.528	580	585	588	rBV	373334	340267	24.12%	2.792%
4	5.769	622	626	630	rVB3	15657	19538	1.39%	0.160%
5	6.528	751	755	759	rBV	430940	337327	23.91%	2.768%
6	6.681	777	781	785	rBV	433525	353105	25.03%	2.898%
7	6.745	788	792	797	rVB2	20704	22741	1.61%	0.187%
8	6.922	818	822	825	rVB	1226442	1061216	75.23%	8.709%
9	7.075	844	848	851	rBV	340298	263097	18.65%	2.159%
10	7.475	912	916	919	rVB	250761	193291	13.70%	1.586%
11	8.204	1031	1040	1042	rBV	1532512	1410661	100.00%	11.576%
12	8.222	1042	1043	1046	rVB	69244	37548	2.66%	0.308%
13	8.910	1157	1160	1165	rVB	31180	26431	1.87%	0.217%
14	9.010	1174	1177	1180	rVB	27135	21042	1.49%	0.173%
15	9.275	1218	1222	1225	rVB	433431	371525	26.34%	3.049%
16	9.539	1264	1267	1271	rVB2	14537	18285	1.30%	0.150%
17	9.610	1276	1279	1282	rBV	24693	25014	1.77%	0.205%
18	9.663	1286	1288	1293	rVB2	42717	38625	2.74%	0.317%
19	9.816	1311	1314	1317	rBV	34804	29867	2.12%	0.245%
20	9.957	1330	1338	1341	rBV	1542212	1336797	94.76%	10.970%
21	9.986	1341	1343	1346	rVB	46143	39167	2.78%	0.321%
22	10.157	1369	1372	1375	rVB2	39967	34963	2.48%	0.287%
23	10.263	1385	1390	1394	rBV2	20673	34347	2.43%	0.282%
24	10.504	1427	1431	1435	rVB	55778	53351	3.78%	0.438%
25	10.657	1452	1457	1464	rVB3	16585	19601	1.39%	0.161%
26	10.739	1468	1471	1475	rVB	206583	164826	11.68%	1.353%
27	10.863	1488	1492	1496	rVB4	26152	37024	2.62%	0.304%
28	11.051	1518	1524	1526	rBV3	19845	30892	2.19%	0.254%
29	11.175	1541	1545	1547	rBV4	14499	16204	1.15%	0.133%
30	11.245	1554	1557	1561	rVB2	17679	16588	1.18%	0.136%
31	11.298	1561	1566	1568	rBV3	19245	25986	1.84%	0.213%
32	11.339	1569	1573	1577	rVB2	31788	36023	2.55%	0.296%
33	11.392	1578	1582	1587	rBV2	14580	19845	1.41%	0.163%
34	11.445	1587	1591	1593	rBV	1223215	1068186	75.72%	8.766%

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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.469	1593	1595	1598	rVV	394241	306046	21.70%	2.512%
36	11.516	1600	1603	1606	rVB	123956	96954	6.87%	0.796%
37	11.727	1635	1639	1644	rVB5	10812	21960	1.56%	0.180%
38	11.945	1673	1676	1678	rBV	52546	53206	3.77%	0.437%
39	11.969	1678	1680	1685	rVB	67737	61353	4.35%	0.503%
40	12.016	1685	1688	1691	rBV	31362	36933	2.62%	0.303%
41	12.057	1691	1695	1697	rVV2	88944	88519	6.28%	0.726%
42	12.075	1697	1698	1702	rVB	27884	22103	1.57%	0.181%
43	12.239	1722	1726	1728	rBV	34628	37749	2.68%	0.310%
44	12.492	1763	1769	1771	rBV2	30701	42422	3.01%	0.348%
45	12.527	1772	1775	1777	rVV4	20842	26317	1.87%	0.216%
46	12.574	1781	1783	1788	rVB6	26316	29682	2.10%	0.244%
47	12.657	1793	1797	1800	rBV	386170	350755	24.86%	2.878%
48	12.745	1809	1812	1815	rVB4	39421	38883	2.76%	0.319%
49	12.886	1829	1836	1842	rBV	322601	383000	27.15%	3.143%
50	13.022	1856	1859	1865	rVB	288850	279874	19.84%	2.297%
51	13.098	1868	1872	1876	rBV2	28091	51237	3.63%	0.420%
52	13.210	1888	1891	1894	rVB	68473	60015	4.25%	0.493%
53	13.245	1894	1897	1899	rBV4	27856	25111	1.78%	0.206%
54	13.274	1899	1902	1905	rBV2	45713	39901	2.83%	0.327%
55	13.316	1905	1909	1911	rVV2	36395	37486	2.66%	0.308%
56	13.404	1922	1924	1927	rVB	24228	24841	1.76%	0.204%
57	13.433	1927	1929	1934	rBV3	24717	36351	2.58%	0.298%
58	13.857	1999	2001	2003	rBV	24841	17165	1.22%	0.141%
59	14.080	2034	2039	2042	rBV2	991781	1022423	72.48%	8.390%
60	14.104	2042	2043	2049	rVB	161056	124634	8.84%	1.023%
61	15.127	2214	2217	2221	rBV	130087	204344	14.49%	1.677%
62	15.439	2268	2270	2277	rVB	79976	106922	7.58%	0.877%
63	15.504	2278	2281	2284	rVV	102167	119149	8.45%	0.978%
64	15.574	2288	2293	2304	rVB	614420	869113	61.61%	7.132%

Sum of corrected areas: 12185671

LSC Report - Integrated Chromatogram

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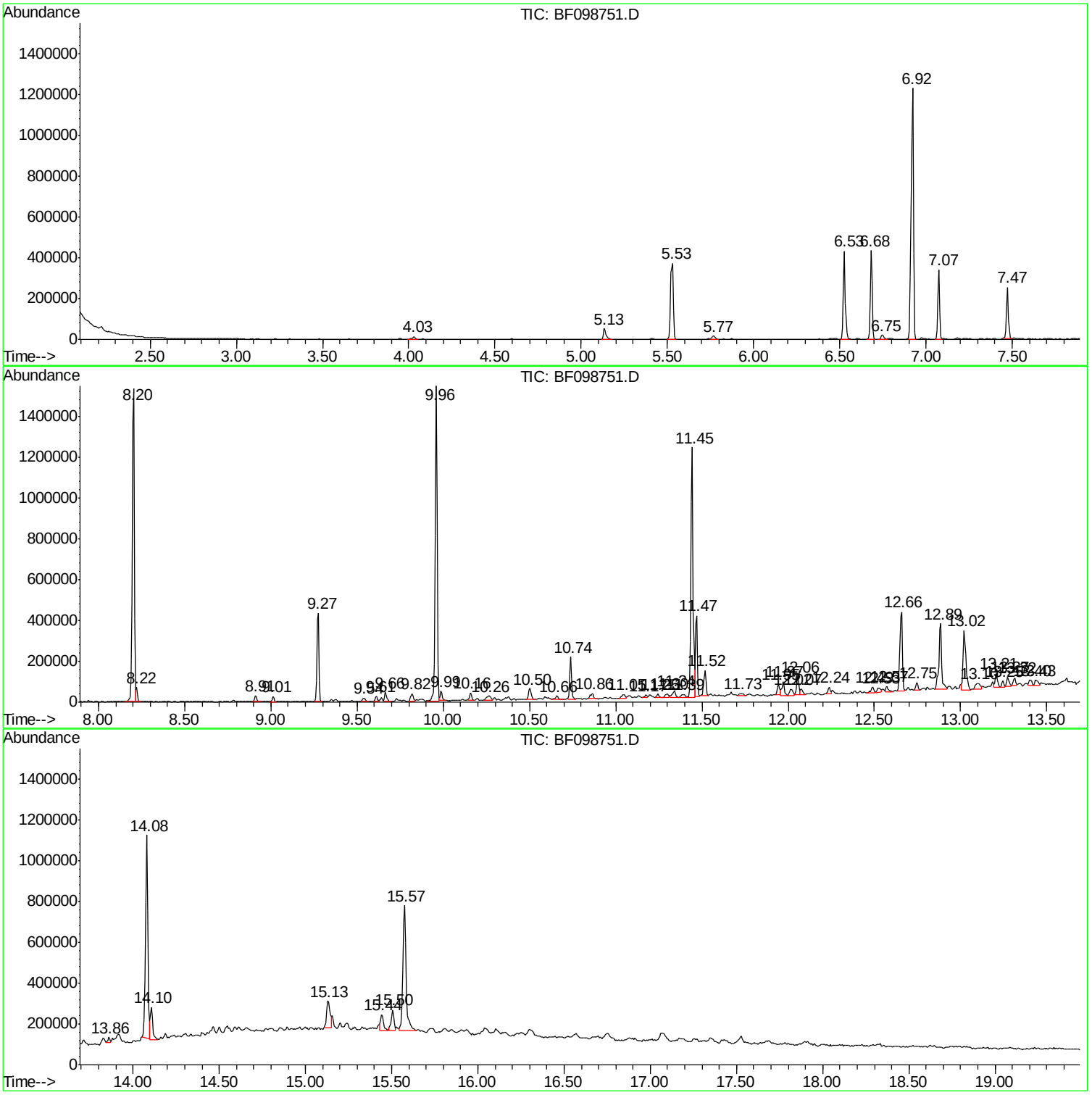
Instrument : BNA_F
ClientSampleId : SP-1-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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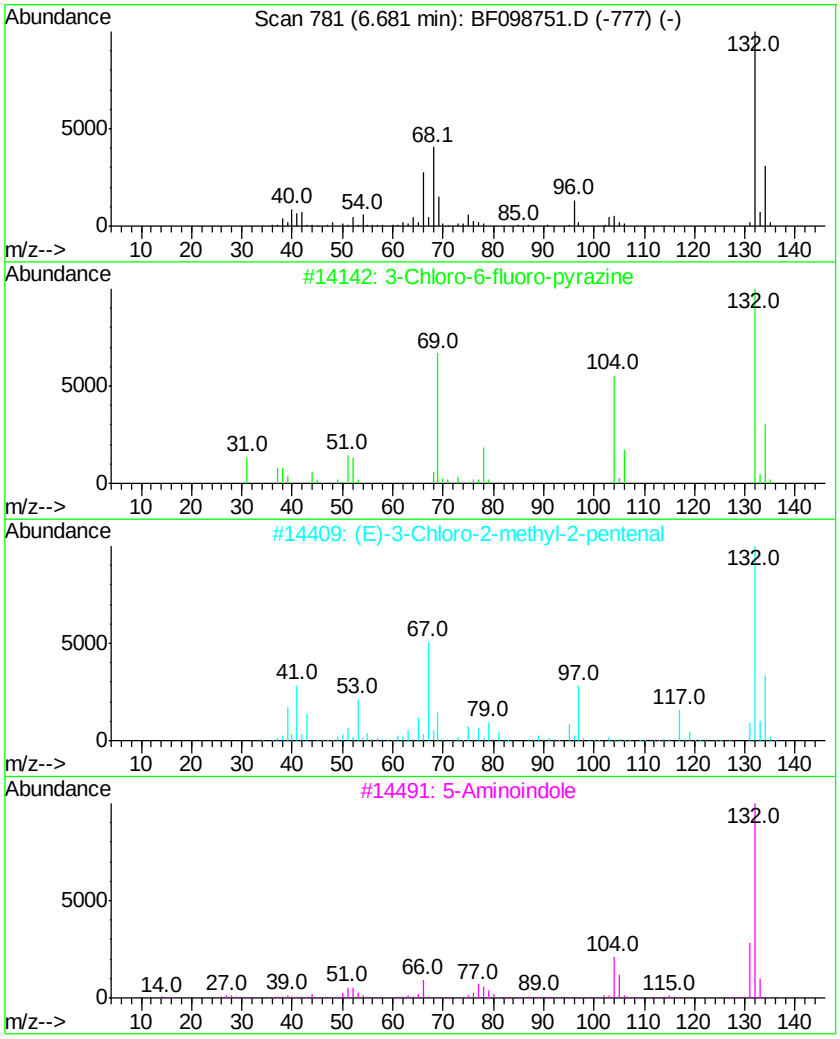
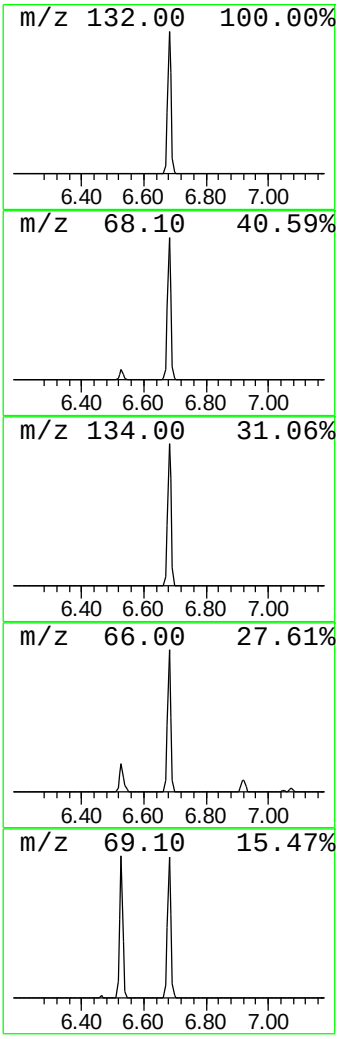
Peak Number 1 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	6.65 ng	353105	1,4-Dichlorobenzene-d4	6.92

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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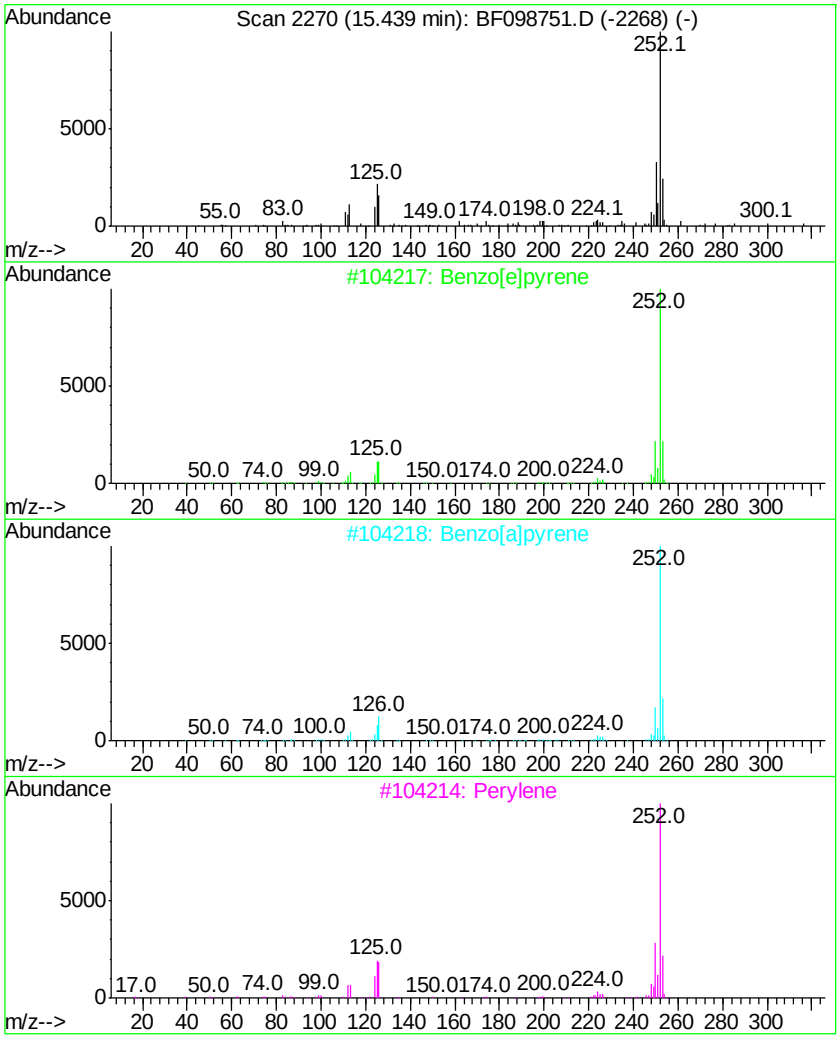
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

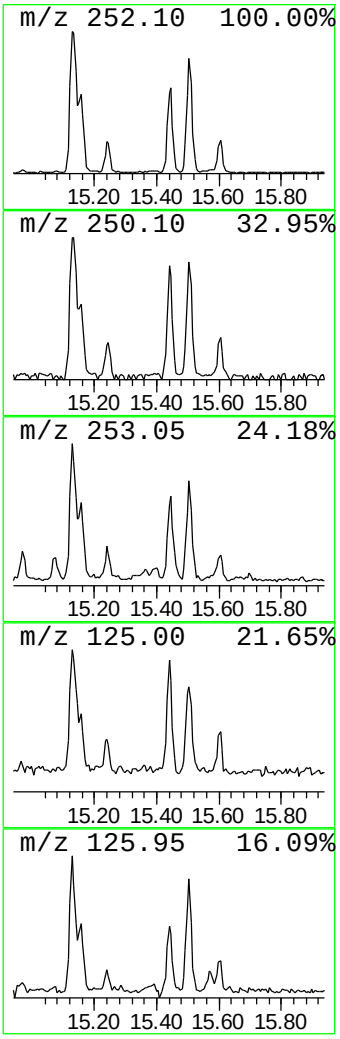
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.46 ng	106922	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.68	6.68	6.7	ng	353105	1	6.92	1061220	20.0
Benzo[e]pyrene	15.44	2.5	ng	106922	6	15.57	869113	20.0