

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070717\
 Data File : BG027868.D
 Acq On : 7 Jul 2017 12:46
 Operator : SJ/JU
 Sample : I4074-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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_G\METHODS\8270-BG062817.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	3.624	3	6	13	rVB	43663	72409	2.83%	0.438%
2	3.689	13	17	27	rVB	25578	48623	1.90%	0.294%
3	4.088	81	85	95	rVB2	34756	56280	2.20%	0.340%
4	5.551	327	334	341	rBV	92416	150984	5.91%	0.912%
5	6.004	404	411	422	rBV	608899	1058277	41.43%	6.395%
6	7.572	669	678	694	rBV	638666	1212603	47.48%	7.328%
7	7.960	737	744	756	rBV	601613	1103163	43.19%	6.667%
8	8.424	817	823	831	rVB	143285	263874	10.33%	1.595%
9	8.753	871	879	889	rVB	446060	798396	31.26%	4.825%
10	9.594	1014	1022	1032	rBV	352487	679497	26.60%	4.106%
11	11.250	1296	1304	1316	rVB	214633	424341	16.61%	2.564%
12	13.648	1705	1712	1721	rBV	936627	1453968	56.93%	8.787%
13	14.458	1844	1850	1859	rBV	174405	271656	10.64%	1.642%
14	15.028	1940	1947	1956	rVB2	341593	586440	22.96%	3.544%
15	16.509	2192	2199	2211	rBV	930594	1467819	57.47%	8.870%
16	16.685	2224	2229	2232	rBV2	23433	31523	1.23%	0.190%
17	17.643	2387	2392	2397	rVB	52446	70911	2.78%	0.429%
18	17.772	2408	2414	2425	rVB2	556352	888067	34.77%	5.367%
19	18.089	2464	2468	2473	rBV4	18794	26718	1.05%	0.161%
20	18.624	2553	2559	2566	rBV5	28563	74392	2.91%	0.450%
21	20.352	2847	2853	2860	rBV	1898001	2554122	100.00%	15.435%
22	21.956	3121	3126	3132	rVB	143514	205287	8.04%	1.241%
23	22.120	3147	3154	3164	rBV	590167	1131289	44.29%	6.837%
24	22.943	3290	3294	3301	rVB2	23539	41911	1.64%	0.253%
25	23.924	3455	3461	3469	rVB	132262	265694	10.40%	1.606%
26	24.594	3569	3575	3584	rVB2	48966	109260	4.28%	0.660%
27	25.692	3750	3762	3787	rVB2	326093	1151558	45.09%	6.959%
28	26.909	3961	3969	3981	rVB2	52194	171998	6.73%	1.039%
29	27.702	4097	4104	4117	rVB2	51377	176607	6.91%	1.067%

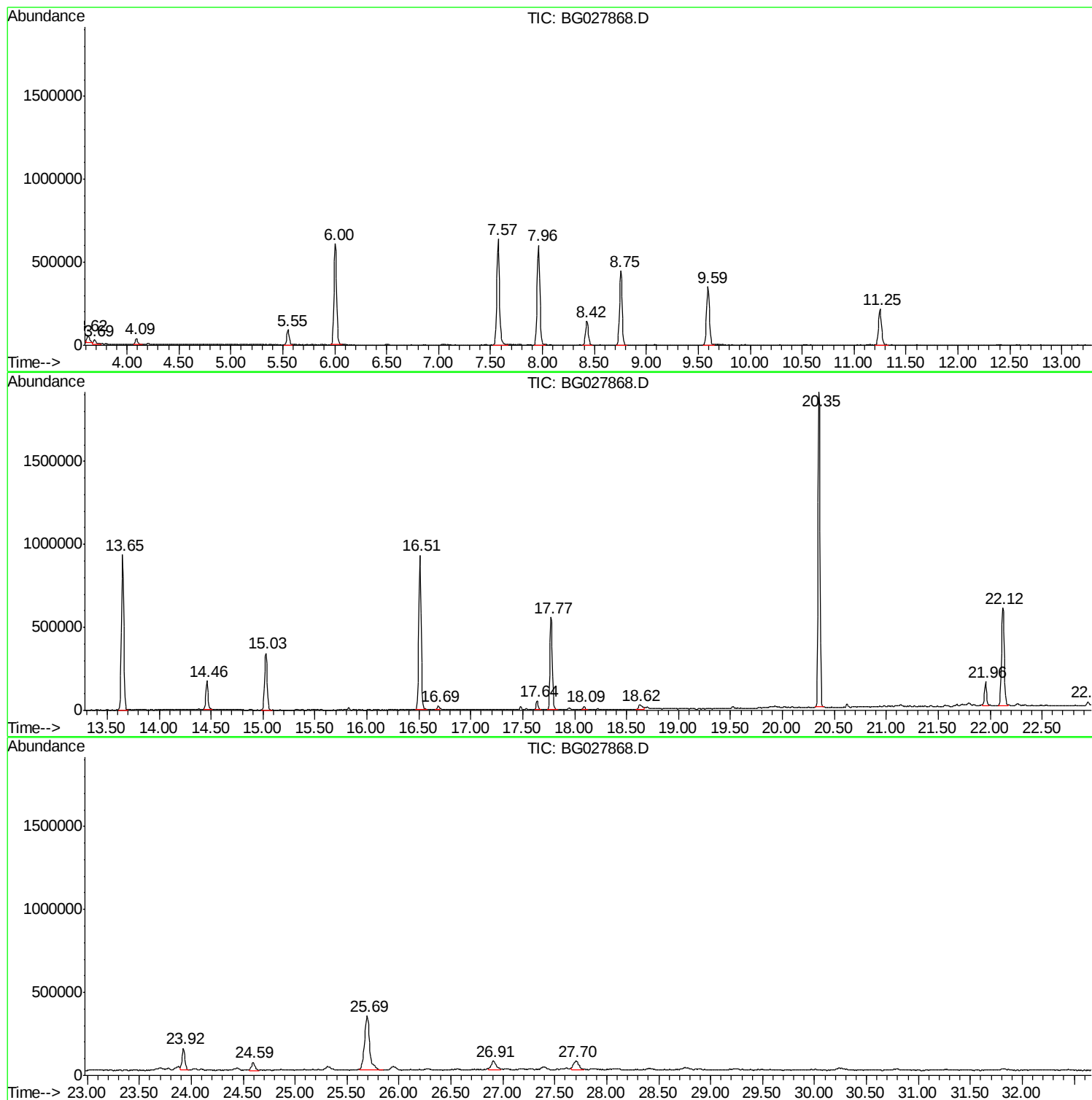
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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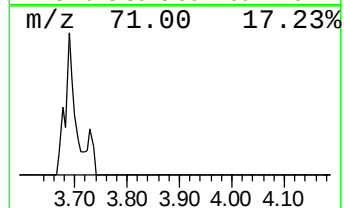
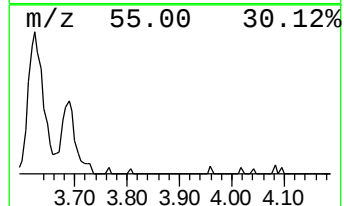
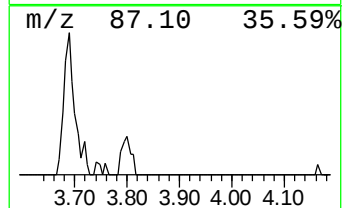
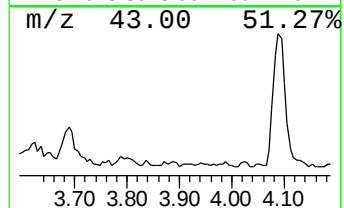
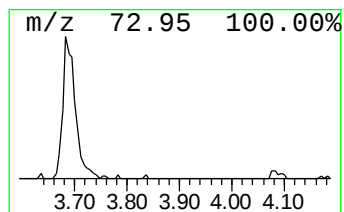
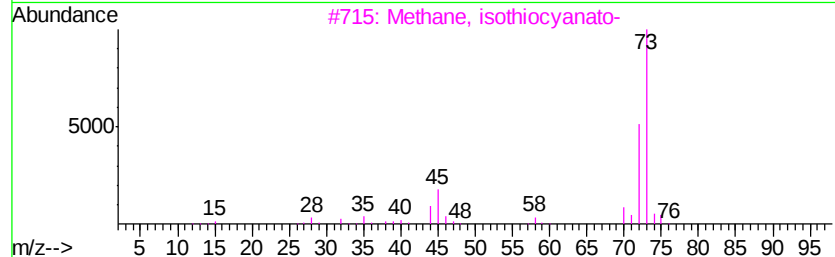
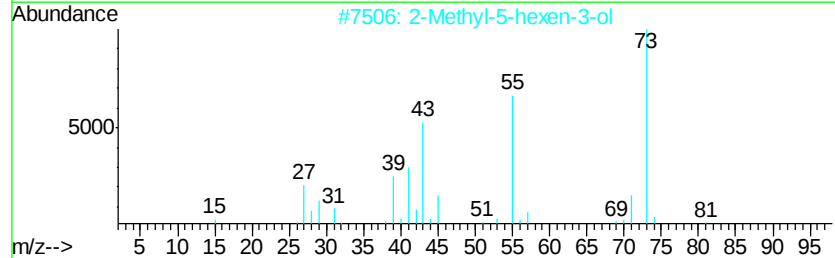
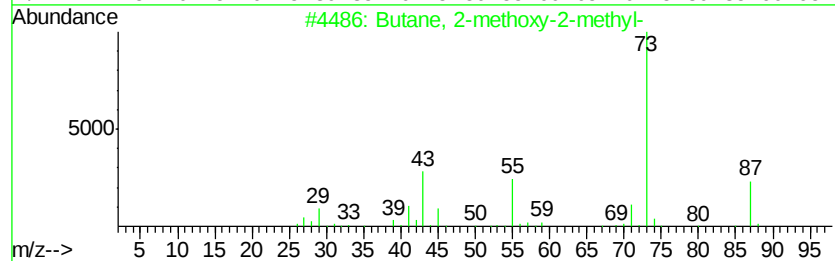
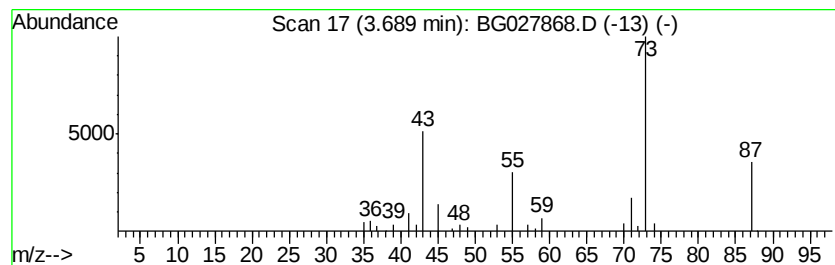
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	3.69 ng	48623	1,4-Dichlorobenzene-d4	8.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
3		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4		1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9
5		1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9



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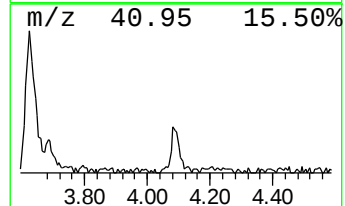
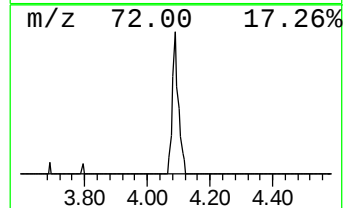
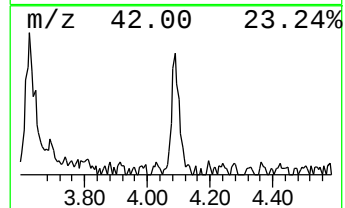
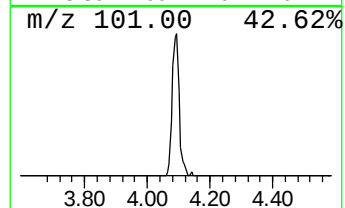
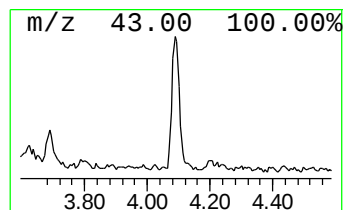
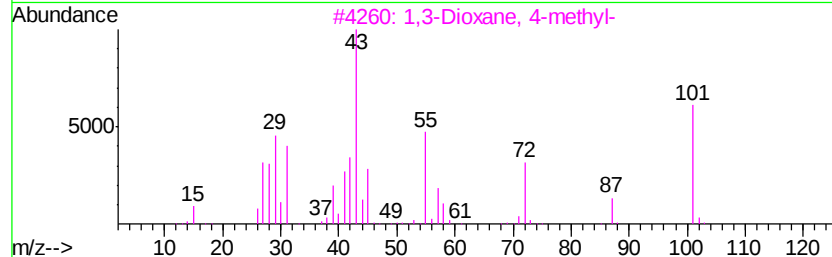
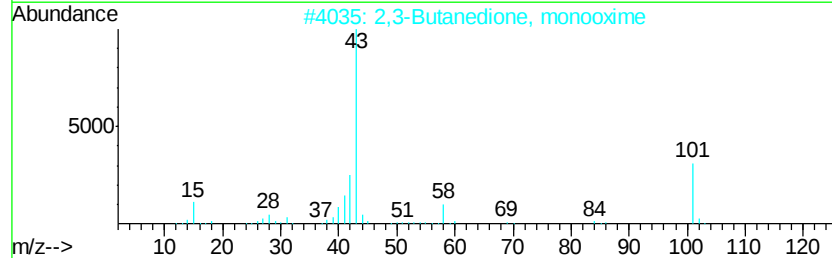
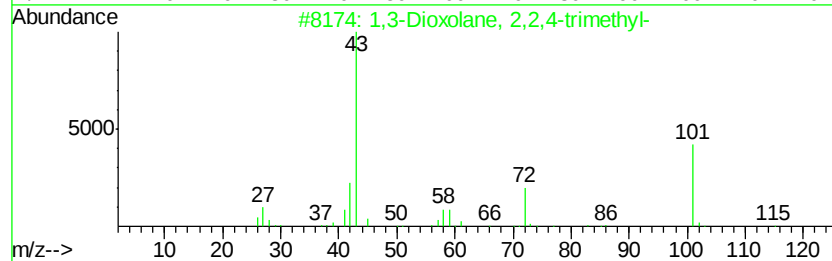
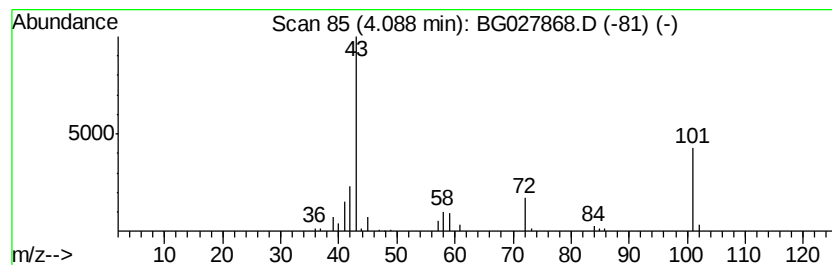
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Peak Number 3 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	4.27 ng	56280	1,4-Dichlorobenzene-d4	8.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	59
3		1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	45
4		2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1000191-06-9	28
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28



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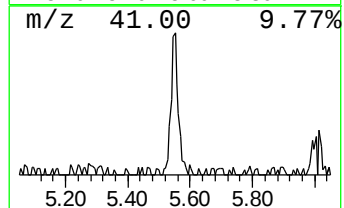
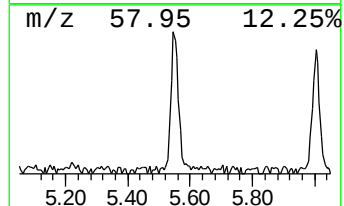
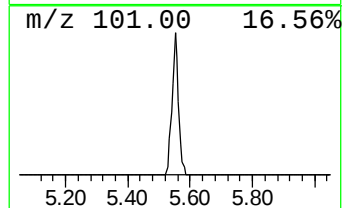
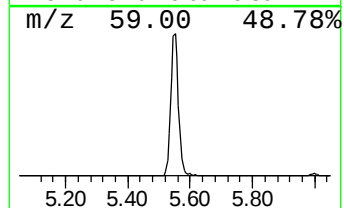
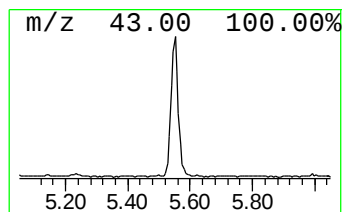
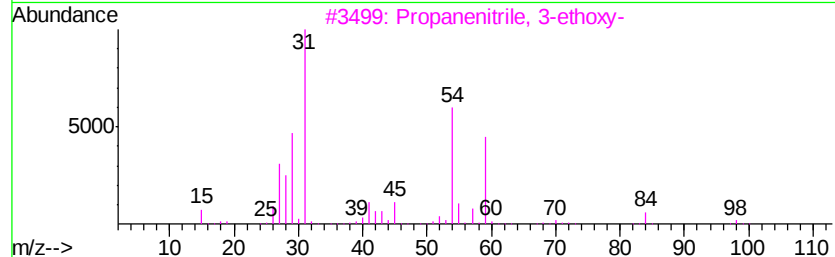
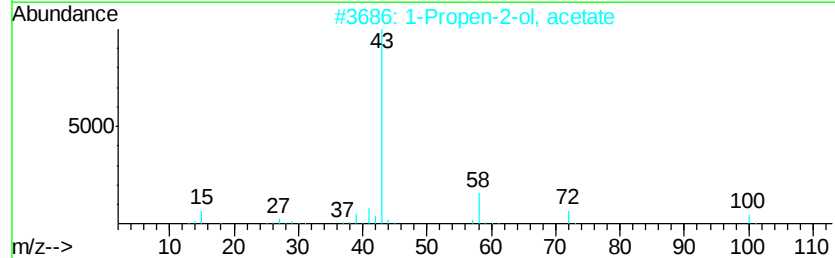
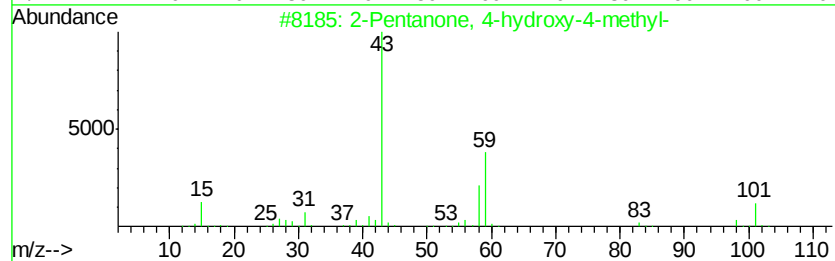
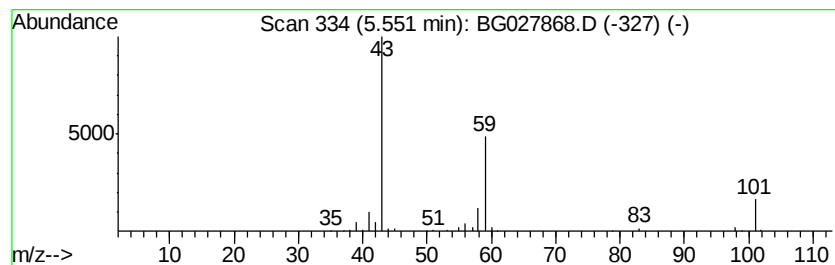
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TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	11.44 ng	150984	1,4-Dichlorobenzene-d4	8.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3		Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
4		1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



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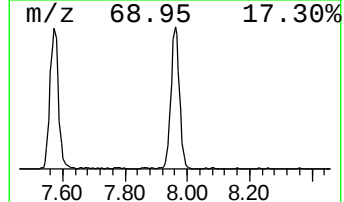
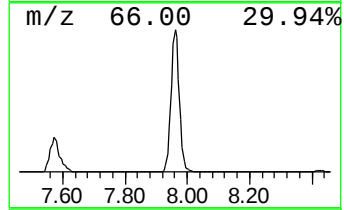
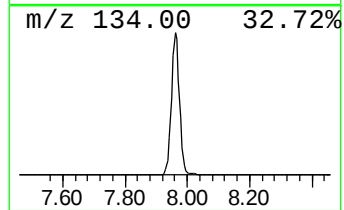
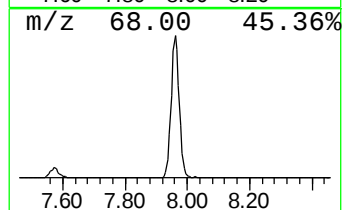
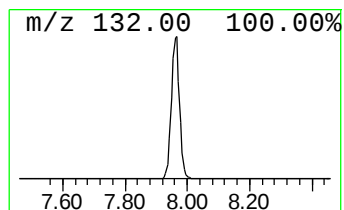
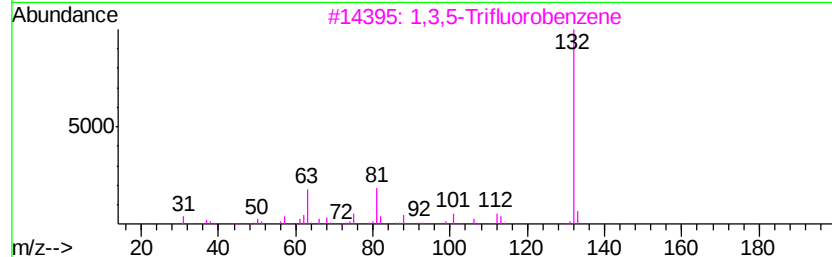
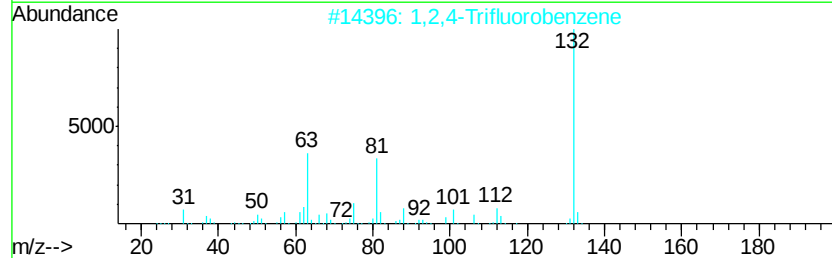
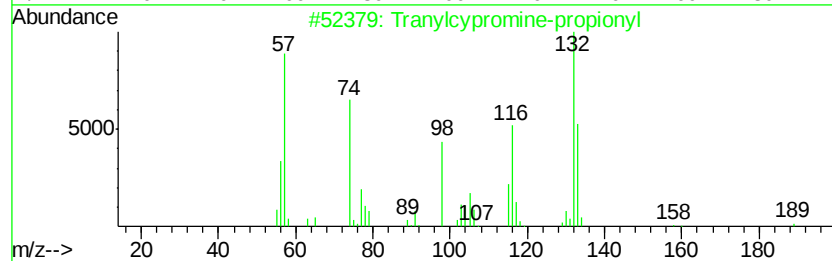
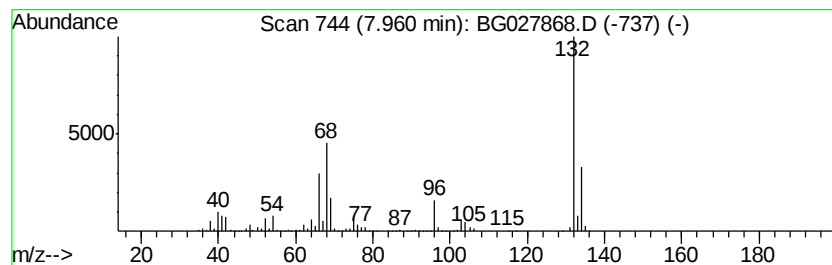
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Peak Number 5 unknown7.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	83.61 ng	1103160	1,4-Dichlorobenzene-d4	8.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypropamine-propionyl	189	C12H15NO	1000123-86-3	10
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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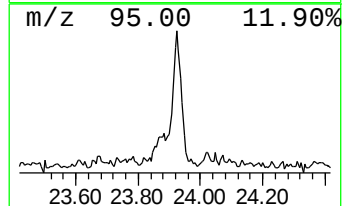
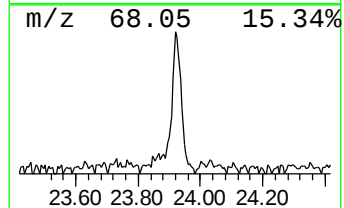
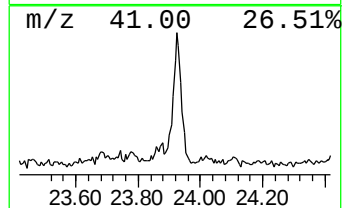
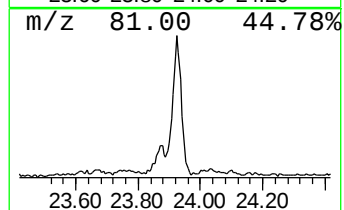
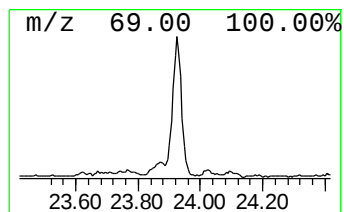
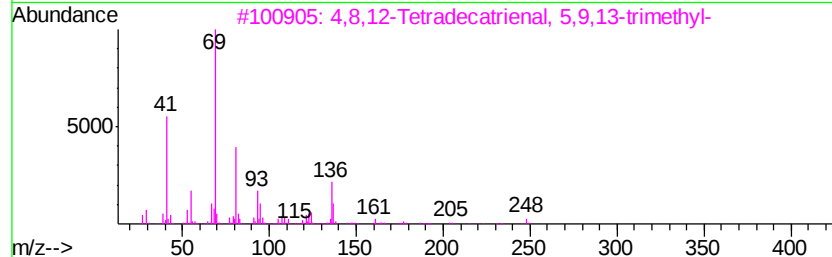
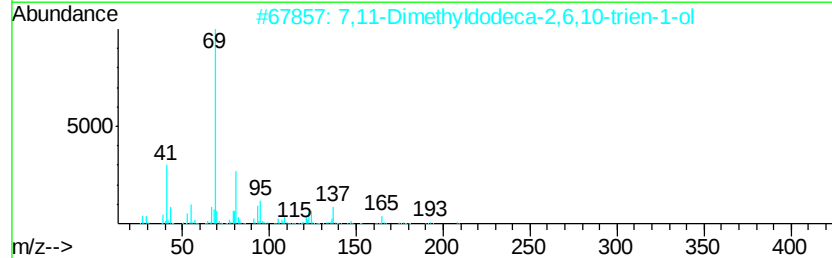
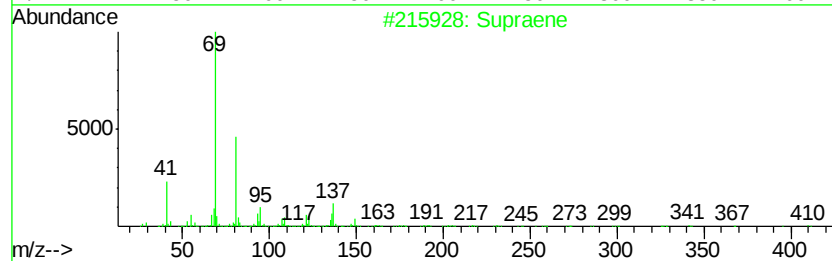
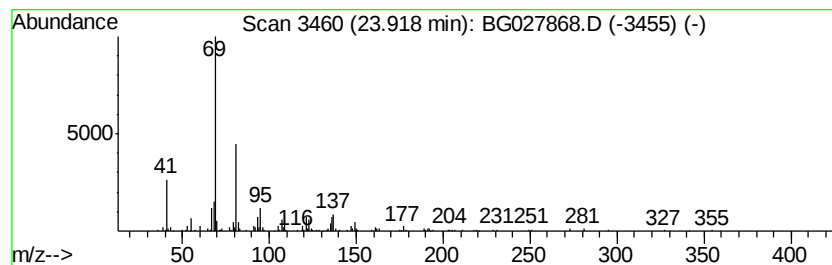
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Peak Number 7 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.61 ng	265694	Perylene-d12	25.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
5		trans-Farnesol	222	C15H26O	000106-28-5	72



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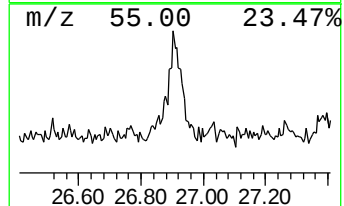
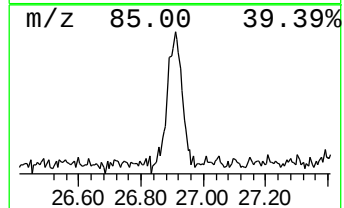
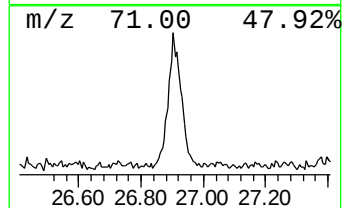
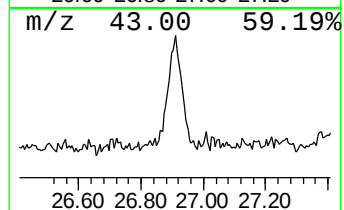
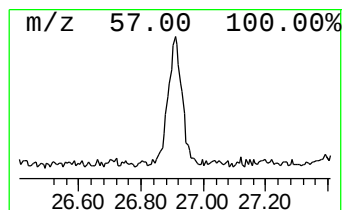
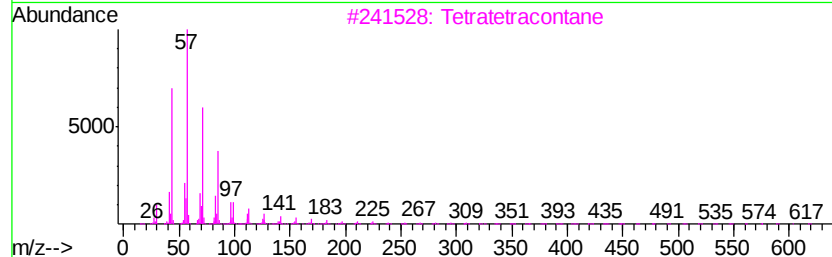
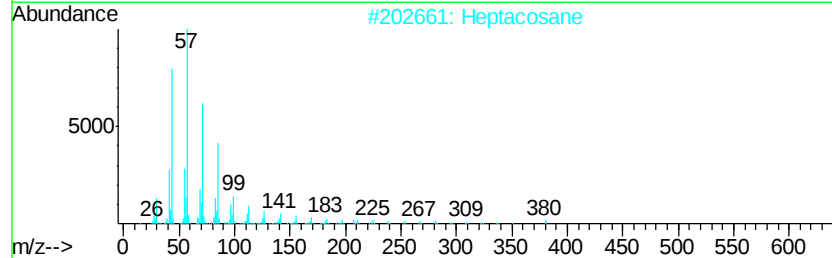
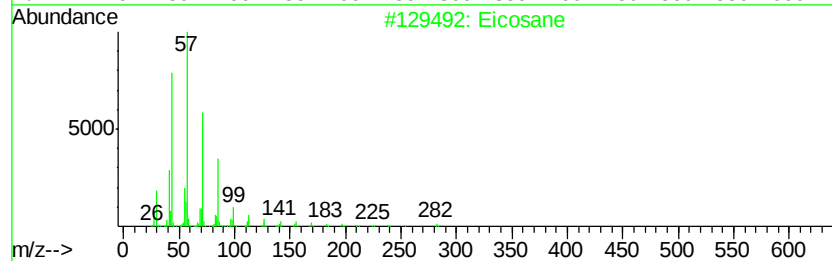
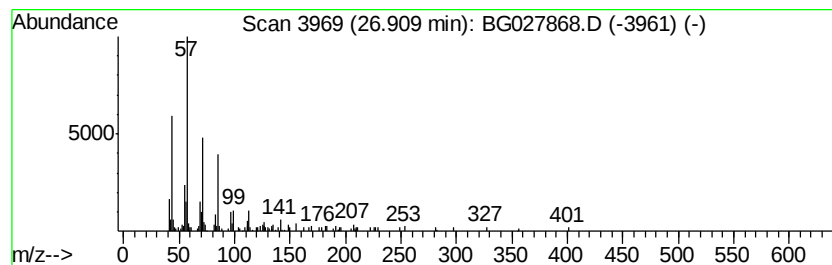
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.91	2.99 ng	171998	Perylene-d12	25.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86



Data Path : Z:\HPCHEM1\BNA_G\Data\BG070717\
Data File : BG027868.D
Acq On : 7 Jul 2017 12:46
Operator : SJ/JU
Sample : I4074-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
TOPSOIL-01

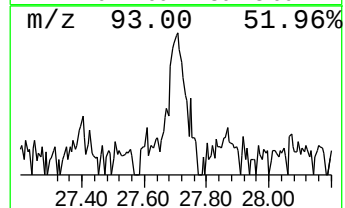
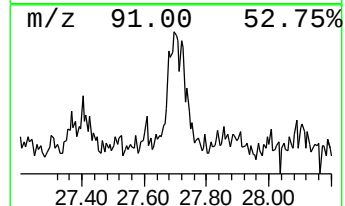
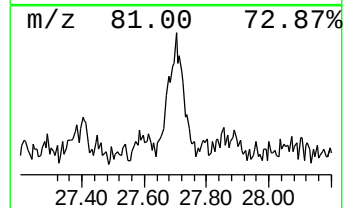
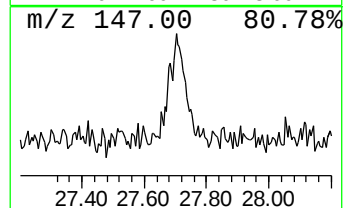
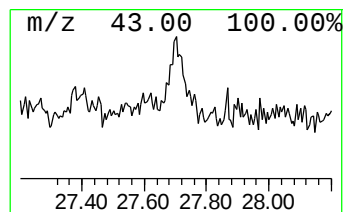
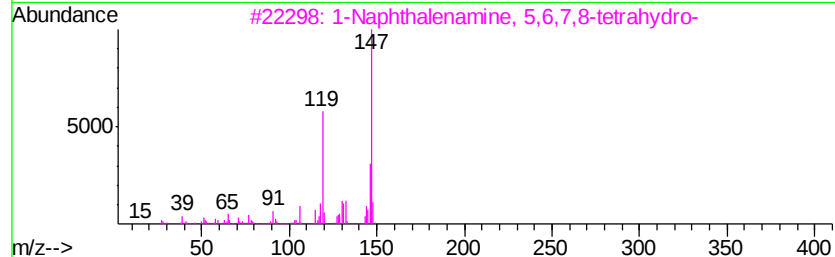
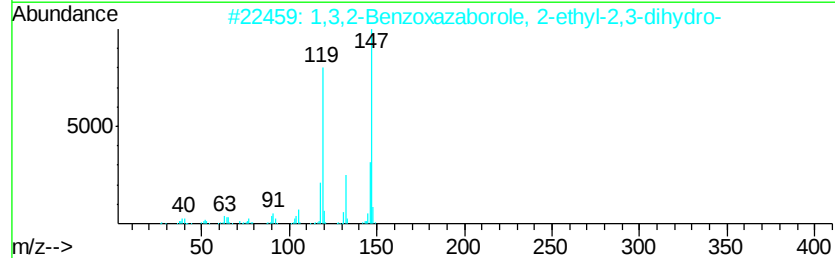
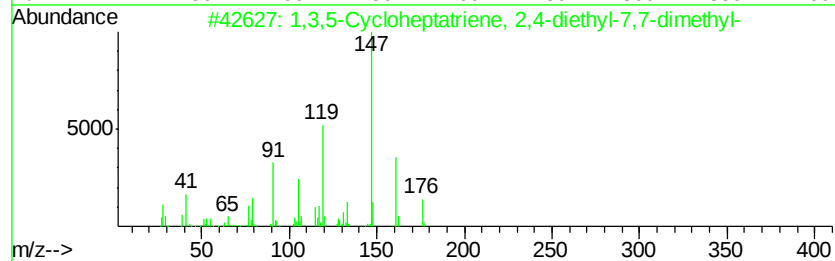
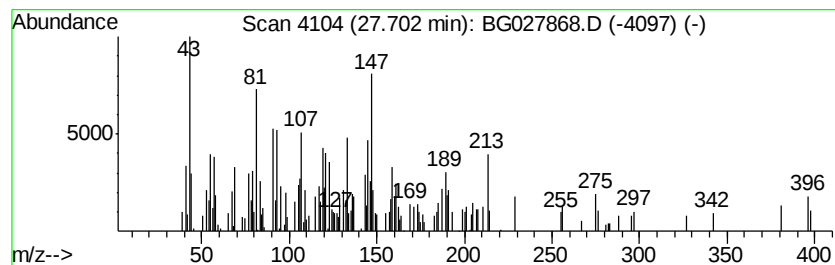
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown27.70 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.70	3.07 ng	176607	Perylene-d12	25.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Cycloheptatriene, 2,4-diet...	176	C13H20	1000156-99-6	27
2		1,3,2-Benzoxazaborole, 2-ethyl-2...	147	C8H10BNO	129363-62-8	25
3		1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	22
4		(2-Methoxyphenyl)acetonitrile	147	C9H9NO	007035-03-2	22
5		2,3,4-Trifluoroaniline	147	C6H4F3N	003862-73-5	14



Data Path : Z:\HPCHEM1\BNA_G\Data\BG070717\
Data File : BG027868.D
Acq On : 7 Jul 2017 12:46
Operator : SJ/JU
Sample : I4074-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.69	3.7	ng	48623	1	8.43	263874	20.0
1,3-Dioxolane, 2,...	4.09	4.3	ng	56280	1	8.43	263874	20.0
2-Pentanone, 4-hy...	5.55	11.4	ng	150984	1	8.43	263874	20.0
unknown7.96	7.96	83.6	ng	1103160	1	8.43	263874	20.0
Supraene	23.92	4.6	ng	265694	6	25.69	1151560	20.0
Eicosane	26.91	3.0	ng	171998	6	25.69	1151560	20.0
unknown27.70	27.70	3.1	ng	176607	6	25.69	1151560	20.0