

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088969.D
 Acq On : 13 Jul 2016 20:39
 Operator : UM/SJ
 Sample : H3988-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-3

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_F\METHODS\8270-BF063016.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	1.667	6	7	16	rVB	142728	228347	10.61%	1.308%
2	1.781	16	17	25	rVB	1321224	2152800	100.00%	12.335%
3	2.867	109	112	132	rBV	50986	118540	5.51%	0.679%
4	4.844	282	285	291	rVB	124613	171448	7.96%	0.982%
5	5.290	321	324	326	rBV	1514143	1484338	68.95%	8.505%
6	6.342	413	416	419	rVB	1314941	1452998	67.49%	8.325%
7	6.467	424	427	429	rBV	1417598	1721193	79.95%	9.862%
8	6.696	445	447	449	rBV	418361	432641	20.10%	2.479%
9	6.845	458	460	463	rBV	1011078	1244031	57.79%	7.128%
10	7.256	493	496	499	rBB	776835	963520	44.76%	5.521%
11	7.976	557	559	562	rVB	576501	508924	23.64%	2.916%
12	9.062	651	654	656	rBV	2079492	2055122	95.46%	11.775%
13	9.450	686	688	691	rBV	440024	535861	24.89%	3.070%
14	9.725	710	712	715	rVB	536449	529186	24.58%	3.032%
15	10.513	779	781	783	rBV	1116036	1021049	47.43%	5.850%
16	10.651	791	793	796	rBV	17123	33620	1.56%	0.193%
17	11.096	829	832	833	rBV	33924	42713	1.98%	0.245%
18	11.199	839	841	844	rVB	451237	450639	20.93%	2.582%
19	11.268	844	847	852	rVB4	12327	28758	1.34%	0.165%
20	11.451	860	863	867	rVB	18778	32477	1.51%	0.186%
21	11.519	867	869	871	rVB	40775	38149	1.77%	0.219%
22	11.748	888	889	891	rBV	36726	31528	1.46%	0.181%
23	12.788	977	980	982	rBV	1382894	1206032	56.02%	6.910%
24	13.691	1057	1059	1063	rBV	71986	83383	3.87%	0.478%
25	13.828	1068	1071	1073	rBV	334314	335126	15.57%	1.920%
26	14.240	1099	1107	1112	rBV6	9137	35174	1.63%	0.202%
27	14.331	1112	1115	1118	rVV	16640	27089	1.26%	0.155%
28	15.200	1188	1191	1193	rBV	267137	336072	15.61%	1.926%
29	15.634	1226	1229	1231	rBV	13166	21539	1.00%	0.123%
30	16.628	1314	1316	1323	rVB3	17323	35379	1.64%	0.203%
31	17.097	1352	1357	1360	rBV2	45580	95553	4.44%	0.547%

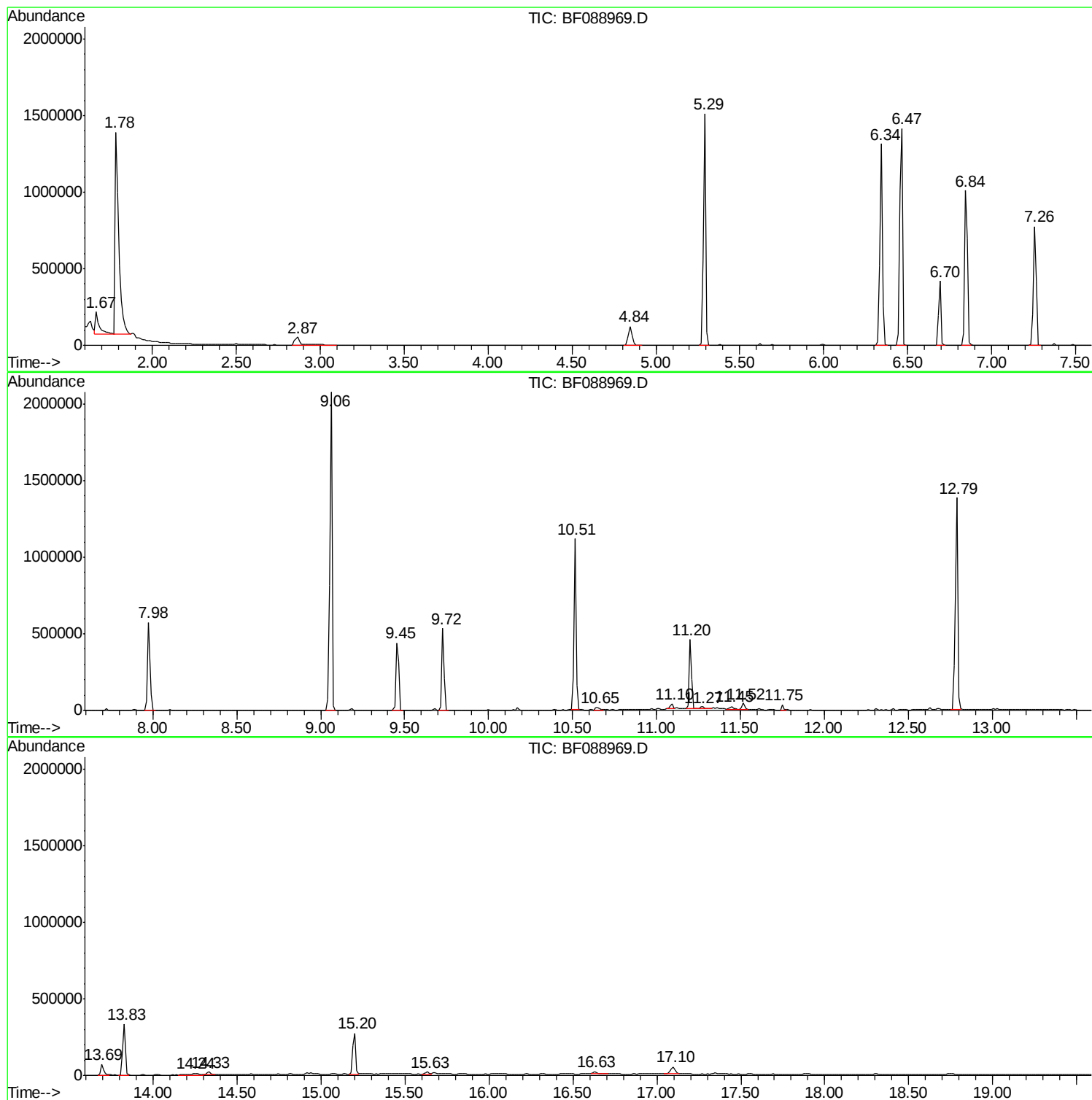
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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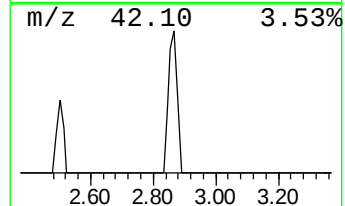
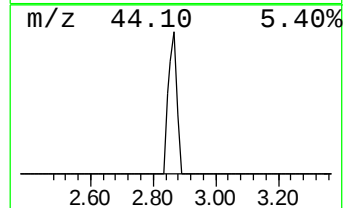
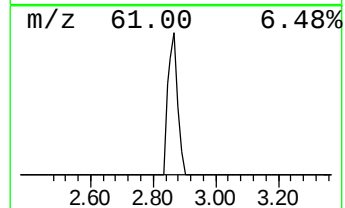
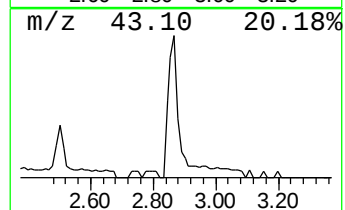
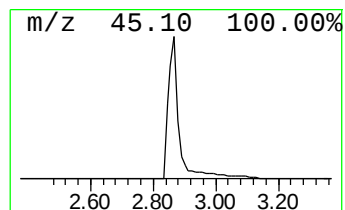
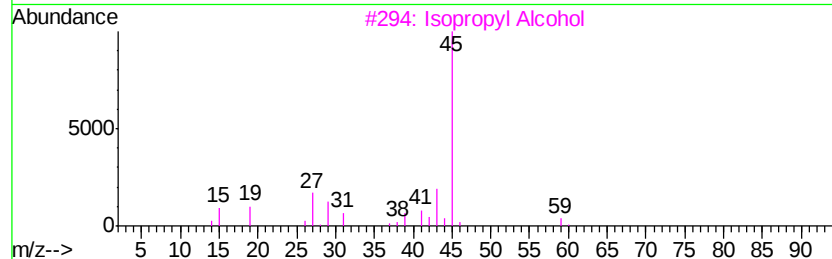
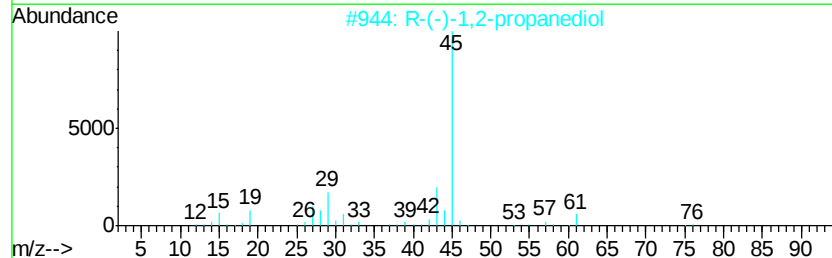
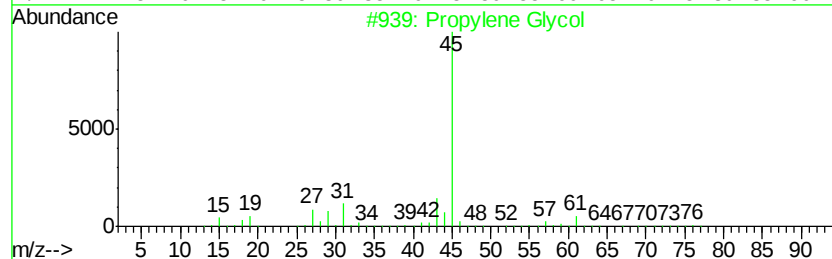
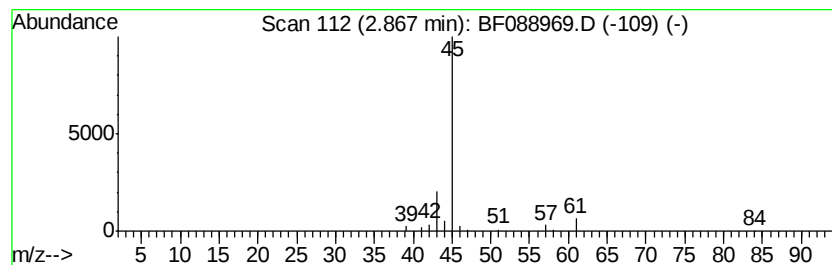
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown2.87 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	5.48 ng	118540	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	9
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5		Formamide	45	CH3NO	000075-12-7	5



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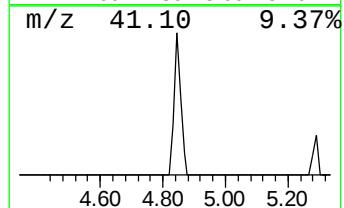
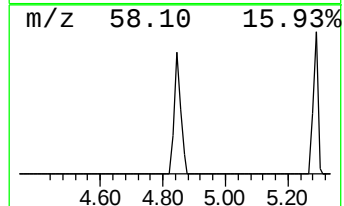
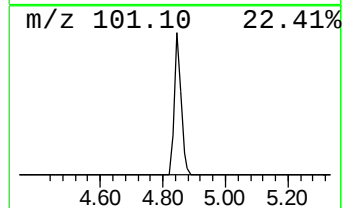
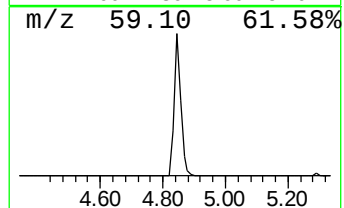
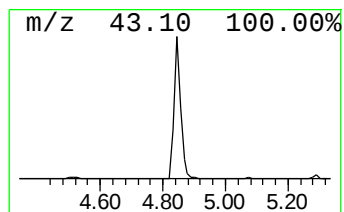
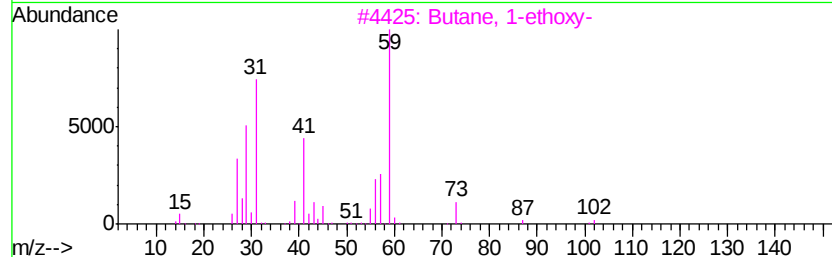
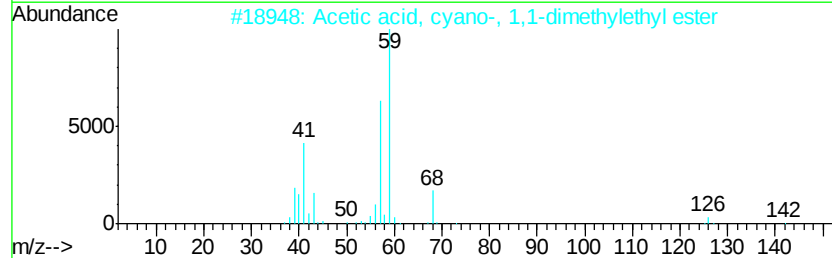
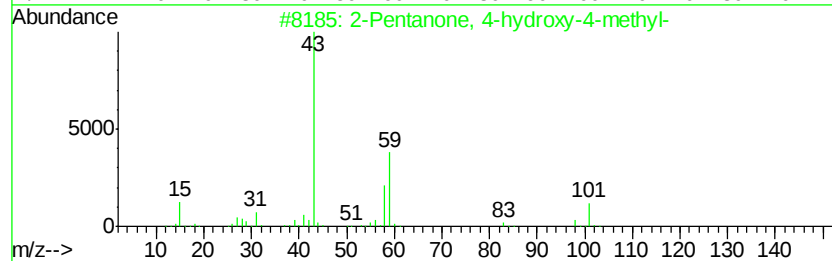
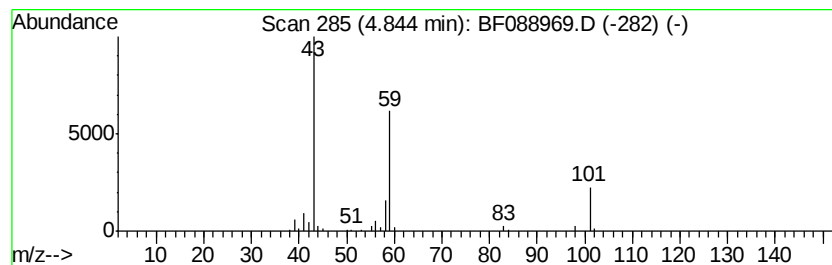
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	7.93 ng	171448	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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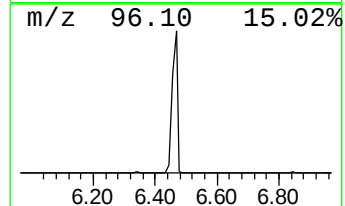
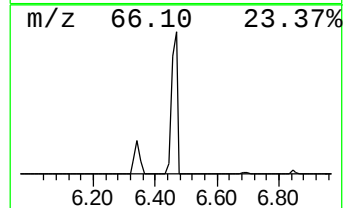
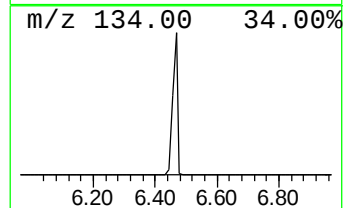
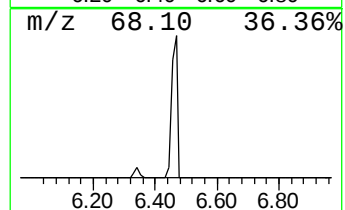
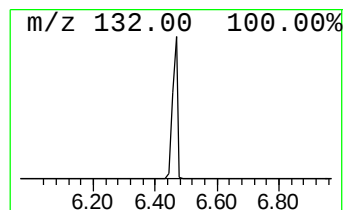
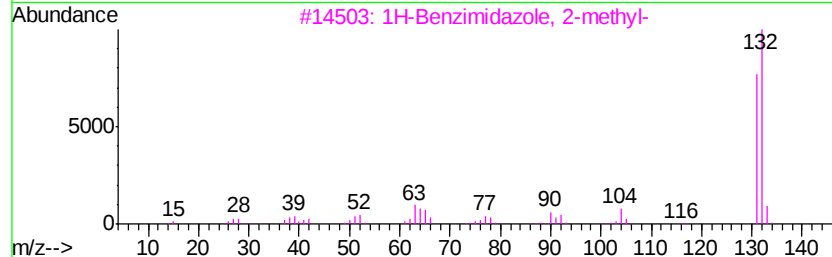
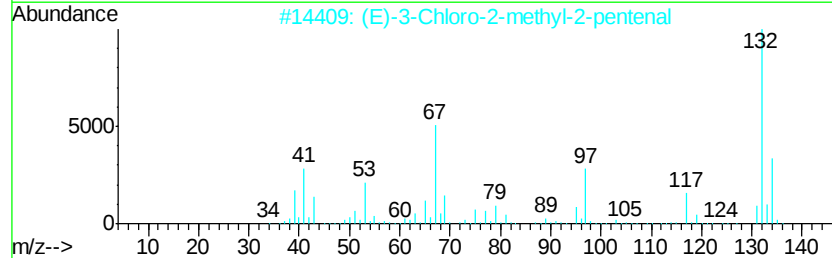
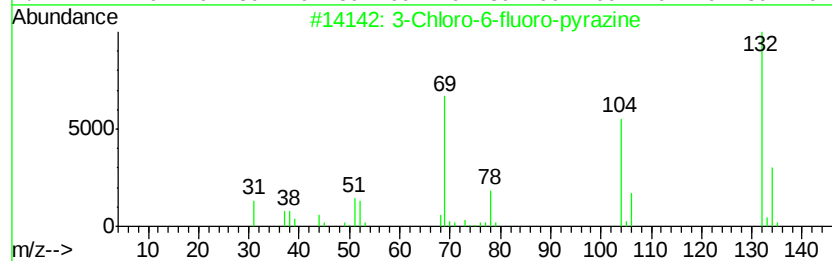
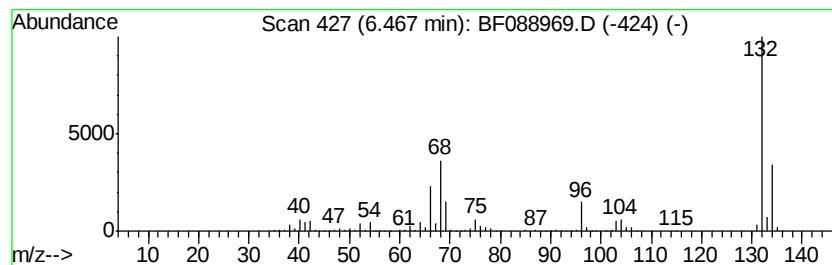
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Peak Number 5 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	79.57 ng	1721190	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3	Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H	Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	1	Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(5	Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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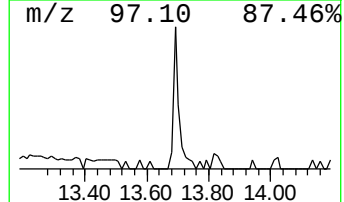
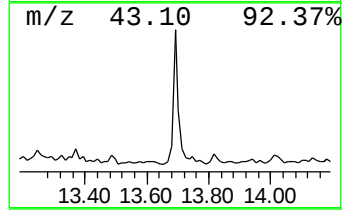
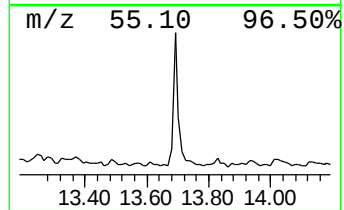
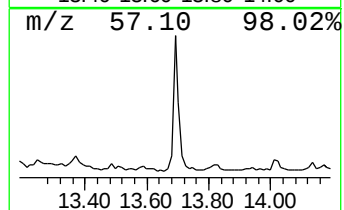
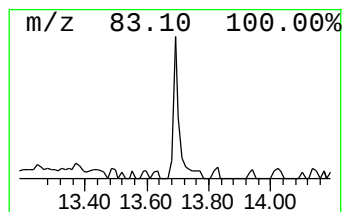
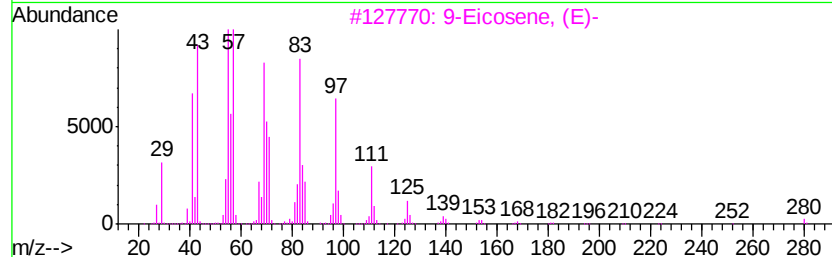
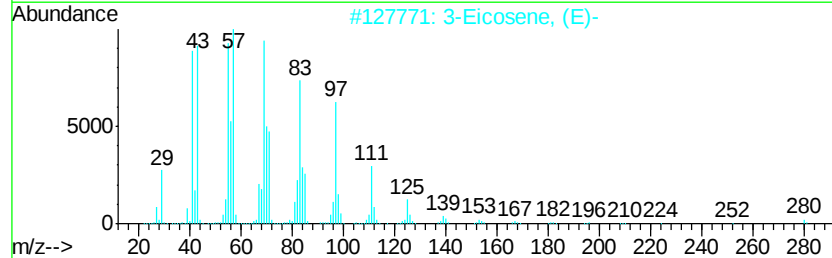
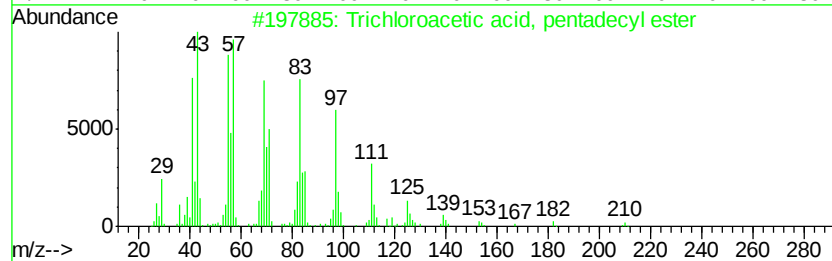
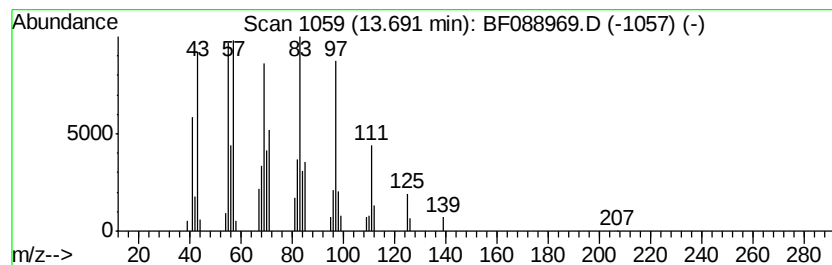
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Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.98 ng	83383	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4			1-Docosene	308	C22H44	001599-67-3	81
5			5-Eicosene, (E)-	280	C20H40	074685-30-6	76



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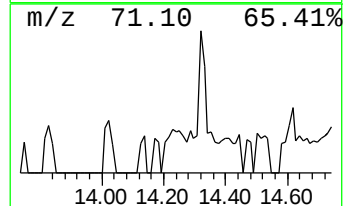
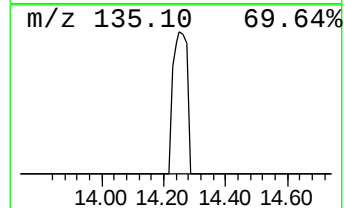
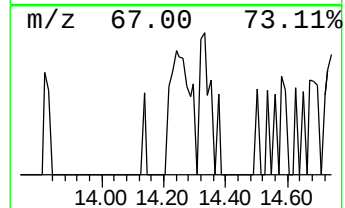
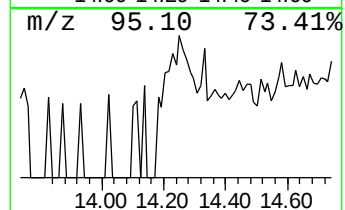
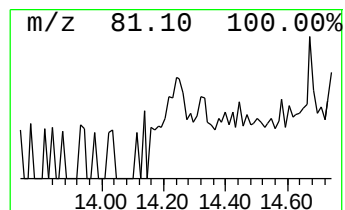
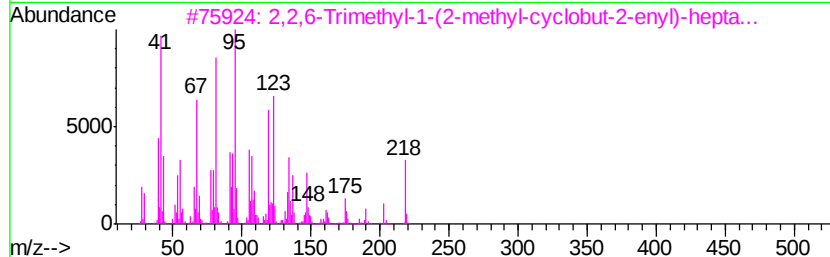
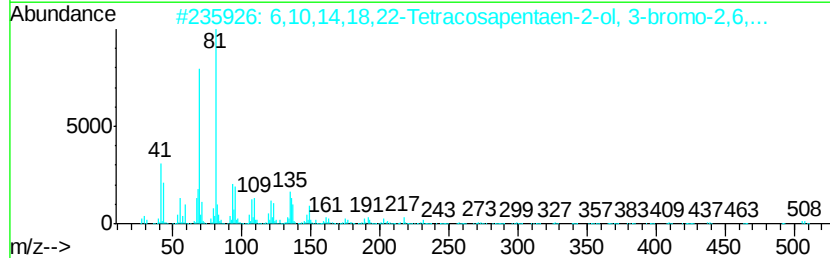
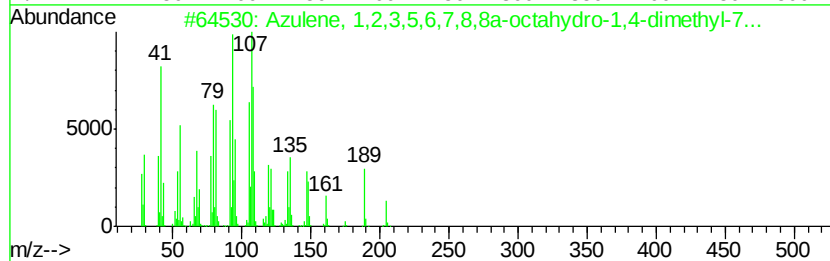
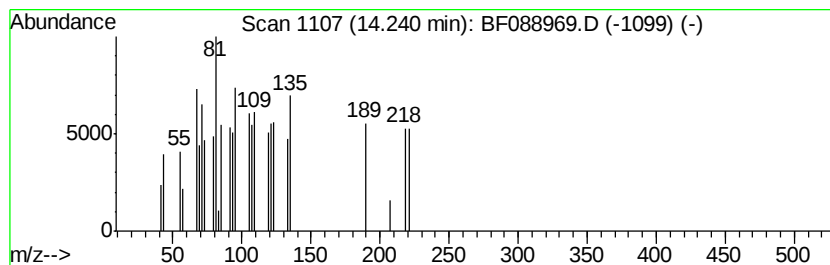
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Peak Number 8 unknown14.24 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.10 ng	35174	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	47
2		6,10,14,18,22-Tetracosapentaen-2...	506	C30H51BrO	065746-05-6	38
3		2,2,6-Trimethyl-1-(2-methyl-cyclo...	218	C15H22O	1000188-72-8	38
4		Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	35
5		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	32



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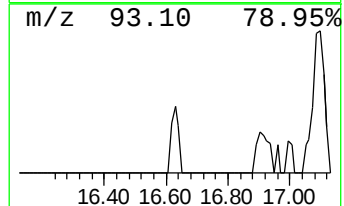
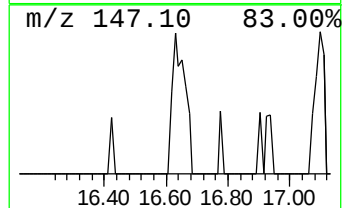
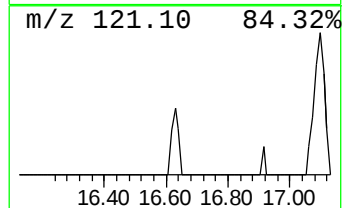
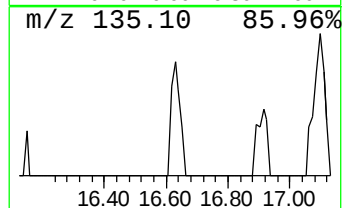
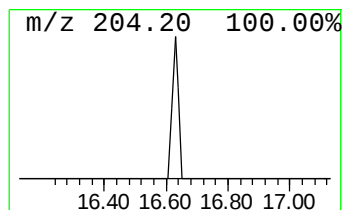
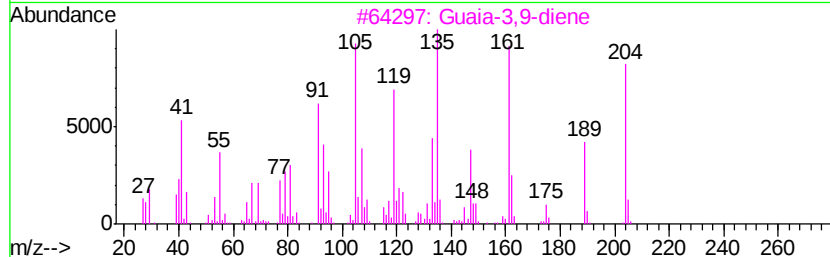
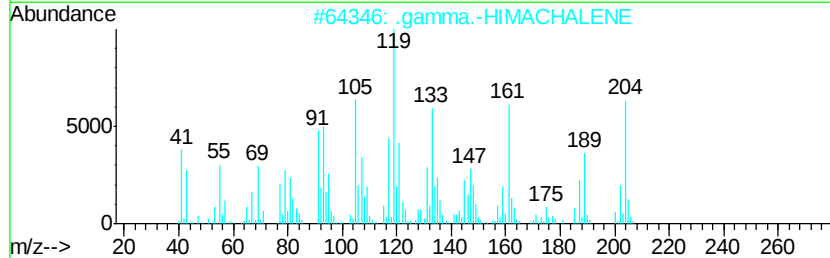
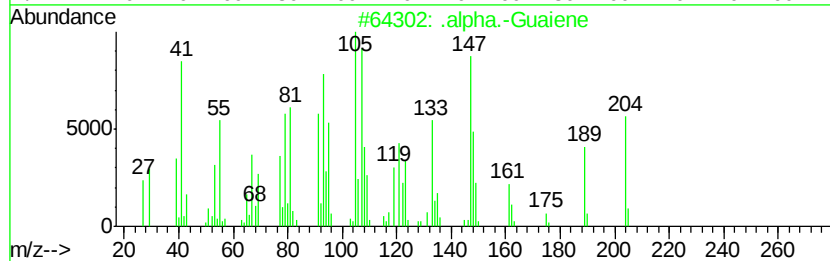
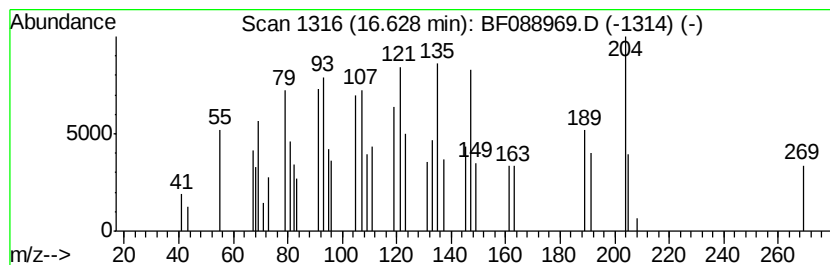
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.11 ng	35379	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Guaiene	204	C15H24	003691-12-1	46
2		.gamma.-HIMACHALENE	204	C15H24	1000140-08-0	38
3		Guaia-3,9-diene	204	C15H24	000489-83-8	38
4		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	38
5		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088969.D
Acq On : 13 Jul 2016 20:39
Operator : UM/SJ
Sample : H3988-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C4.2-3

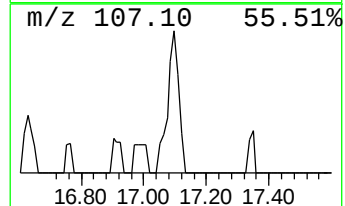
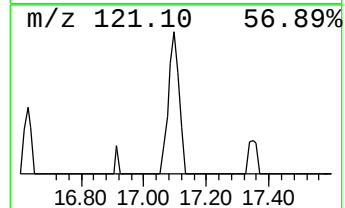
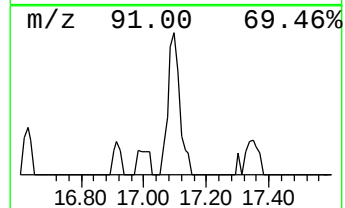
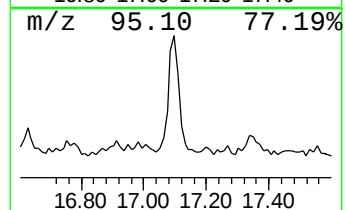
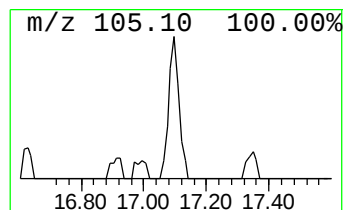
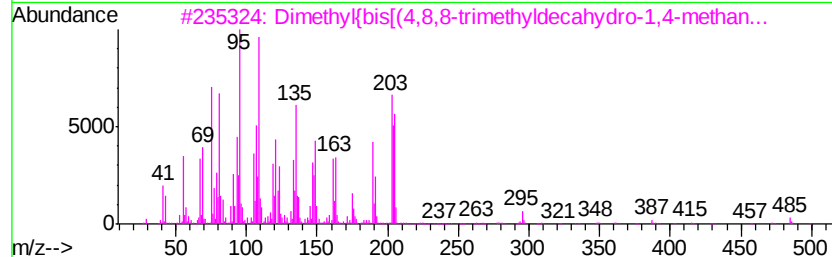
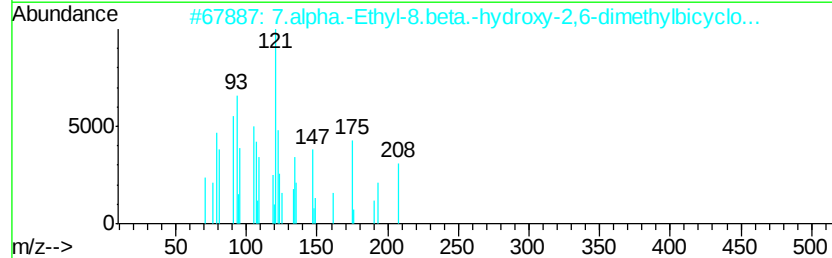
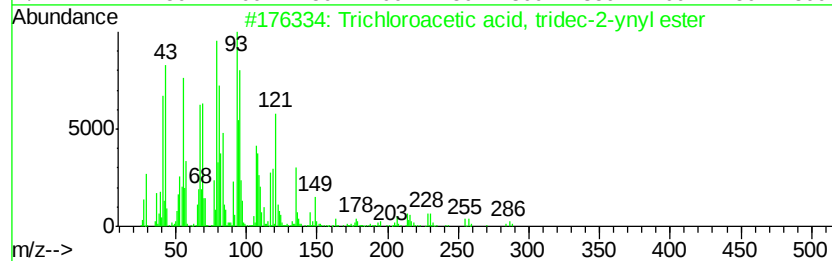
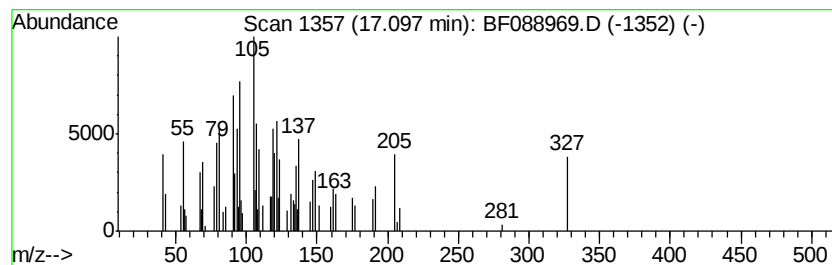
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.10 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	5.69 ng	95553	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tridec-2-v...	340	C15H23Cl3O2	1000299-26-2	32
2			7.alpha.-Ethyl-8.beta.-hydroxy-2...	208	C14H24O	1000077-92-4	25
3			Dimethylbis[(4,8,8-trimethyldec...	500	C32H56O2Si	1000364-69-0	22
4			.alpha.-vlangene	204	C15H24	1000374-19-0	15
5			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088969.D
Acq On : 13 Jul 2016 20:39
Operator : UM/SJ
Sample : H3988-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C4.2-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
unknown2.87	2.87	5.5	ng	118540	1	6.70	432641	20.0
2-Pentanone, 4-hy...	4.84	7.9	ng	171448	1	6.70	432641	20.0
unknown6.47	6.47	79.6	ng	1721190	1	6.70	432641	20.0
Trichloroacetic a...	13.69	5.0	ng	83383	5	13.83	335126	20.0
unknown14.24	14.24	2.1	ng	35174	5	13.83	335126	20.0
unknown16.63	16.63	2.1	ng	35379	6	15.20	336072	20.0
unknown17.10	17.10	5.7	ng	95553	6	15.20	336072	20.0