

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023062.D
 Acq On : 13 Jul 2016 8:49
 Operator : UM/SJ
 Sample : H3980-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.1-05

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_G\METHODS\8270-BG070816.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	5.222	397	406	413	rBV	303449	481743	5.31%	0.903%
2	5.698	480	487	497	rBV	1913381	3148334	34.69%	5.904%
3	7.308	753	761	774	rVB	2322203	4089919	45.07%	7.669%
4	7.684	817	825	836	rBV	2079370	3616318	39.85%	6.781%
5	8.154	898	905	912	rVB	360605	618404	6.81%	1.160%
6	8.477	951	960	973	rVB	1442788	2531105	27.89%	4.746%
7	9.323	1095	1104	1114	rBV	1403652	2623368	28.91%	4.919%
8	10.980	1378	1386	1396	rBV	583014	1066751	11.75%	2.000%
9	12.426	1624	1632	1642	rBV2	528398	855288	9.42%	1.604%
10	13.419	1792	1801	1811	rBV	4083897	6446796	71.04%	12.089%
11	14.241	1934	1941	1948	rBV	1125075	1659618	18.29%	3.112%
12	14.799	2023	2036	2045	rBV2	1047843	1856745	20.46%	3.482%
13	15.622	2172	2176	2181	rVB	77185	102038	1.12%	0.191%
14	16.127	2258	2262	2268	rBV5	85067	125930	1.39%	0.236%
15	16.298	2284	2291	2300	rBV	3558509	5697806	62.78%	10.685%
16	16.486	2319	2323	2330	rBV	80431	136409	1.50%	0.256%
17	17.285	2455	2459	2464	rBV2	153923	204620	2.25%	0.384%
18	17.561	2500	2506	2513	rBV	1409513	2139058	23.57%	4.011%
19	18.031	2581	2586	2591	rBV2	104979	136178	1.50%	0.255%
20	18.430	2649	2654	2662	rBV2	246284	364252	4.01%	0.683%
21	19.694	2865	2869	2875	rBV5	89531	125119	1.38%	0.235%
22	20.164	2943	2949	2956	rBV	6761808	9075284	100.00%	17.018%
23	21.480	3168	3173	3183	rBV5	157744	354297	3.90%	0.664%
24	21.867	3232	3239	3248	rBV2	1462497	2470536	27.22%	4.633%
25	23.401	3493	3500	3505	rBV2	46104	105058	1.16%	0.197%
26	23.607	3529	3535	3542	rVB	242517	459273	5.06%	0.861%
27	25.258	3804	3816	3828	rBV2	774119	2414314	26.60%	4.527%
28	26.439	4008	4017	4026	rVB6	137432	422629	4.66%	0.793%

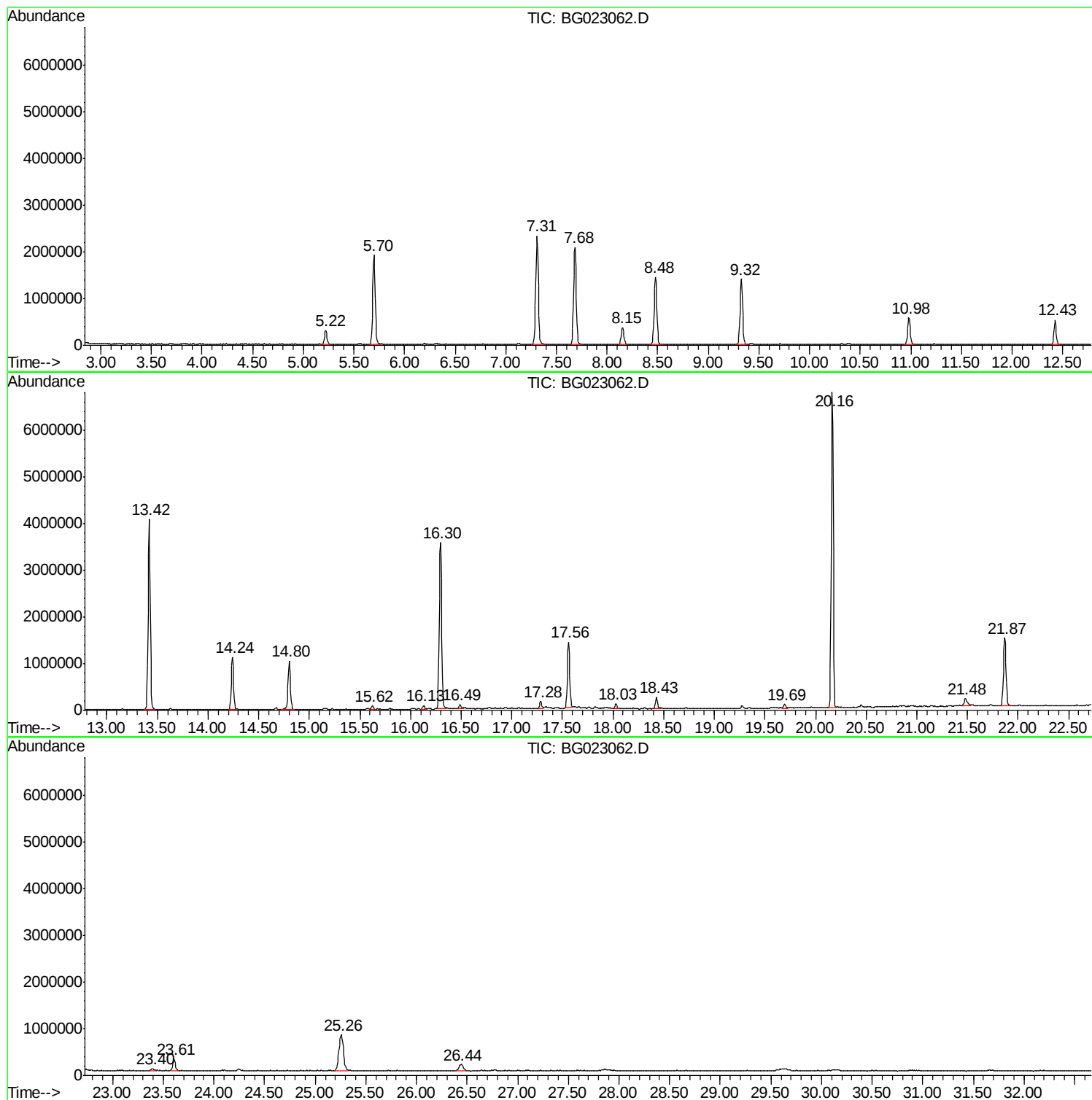
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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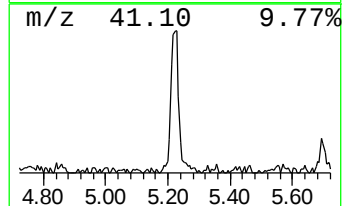
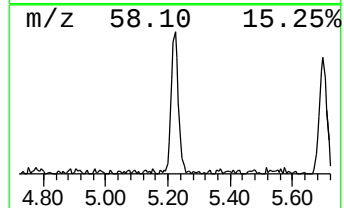
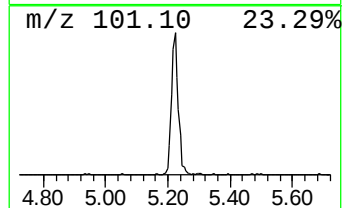
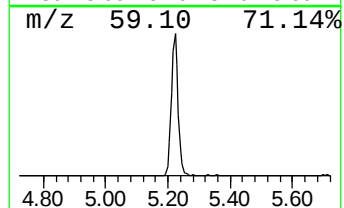
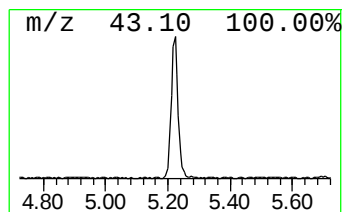
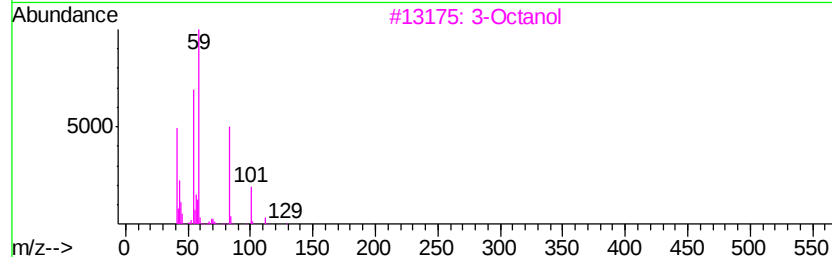
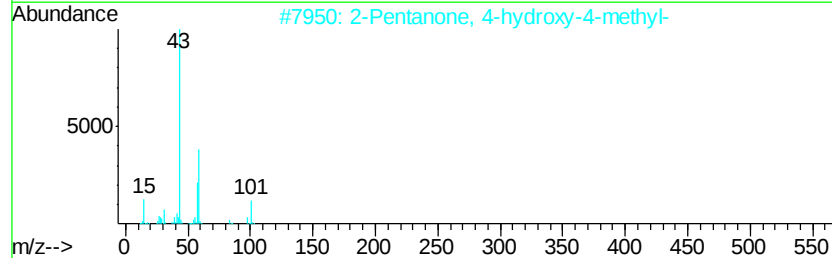
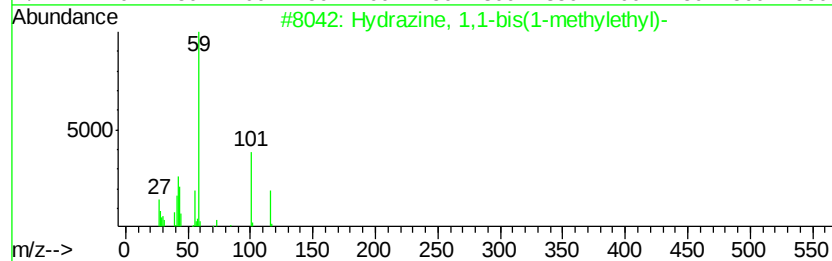
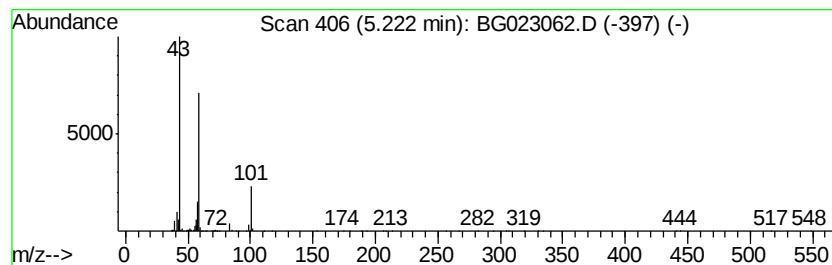
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	15.58 ng	481743	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
3		3-Octanol	130	C8H18O	020296-29-1	28
4		Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
5		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	23



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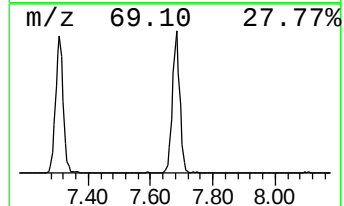
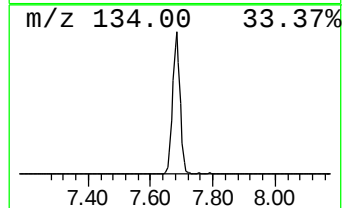
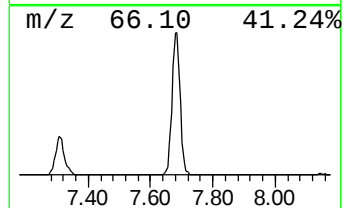
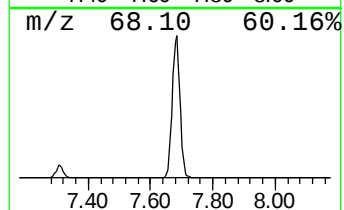
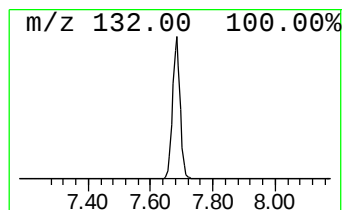
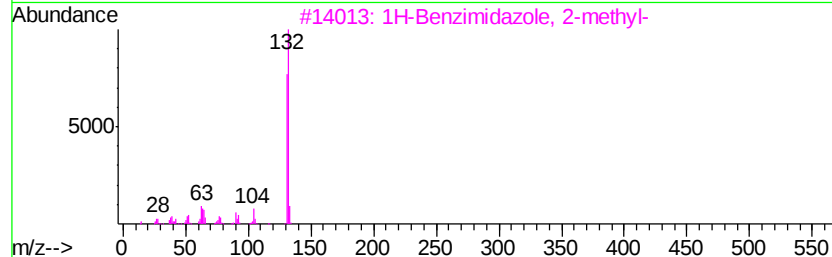
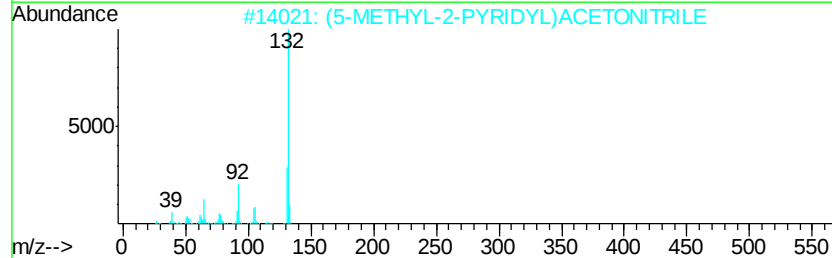
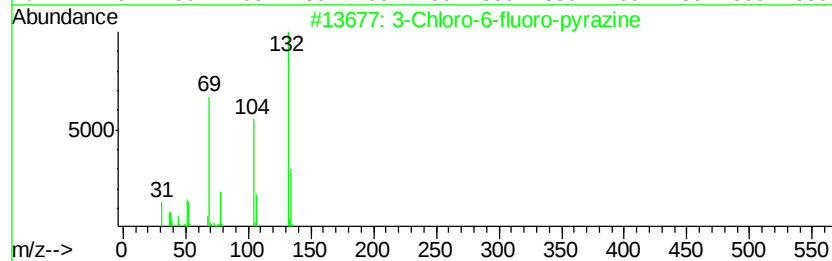
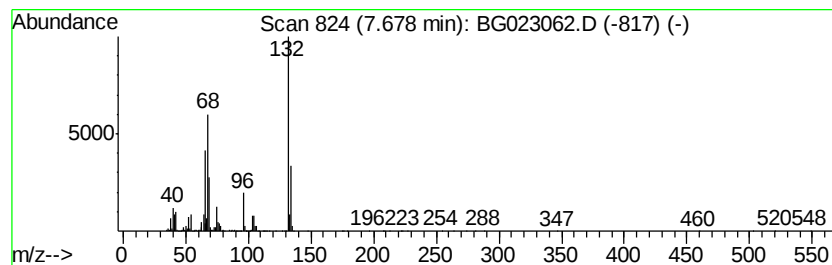
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Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	116.96 ng	3616320	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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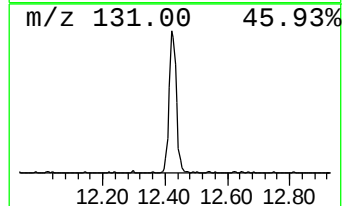
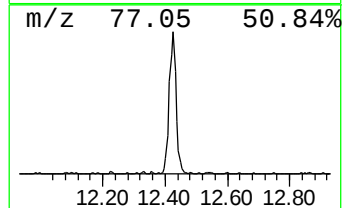
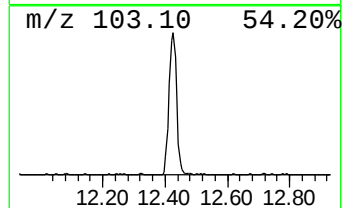
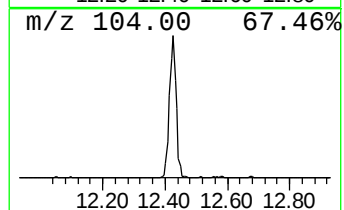
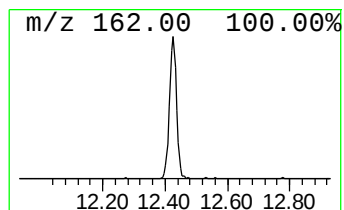
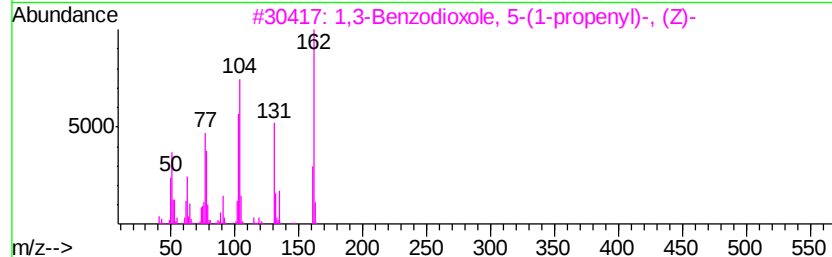
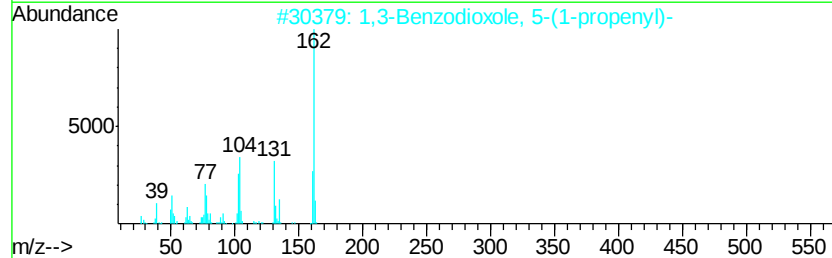
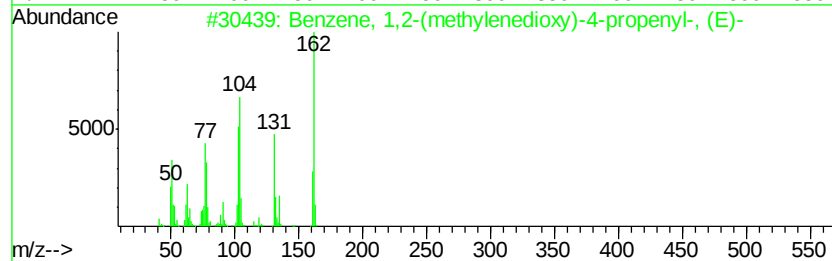
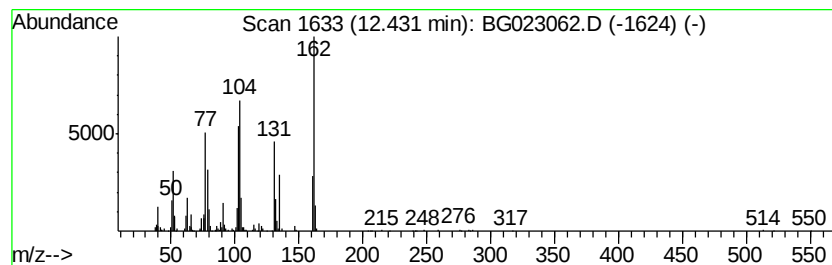
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Peak Number 4 Benzene, 1,2-(methylenedioxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	16.04 ng	855288	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	96
2		1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	96
3		1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	94
4		1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	93
5		Sydnone, 3-phenyl-	162	C8H6N2O2	000120-06-9	58



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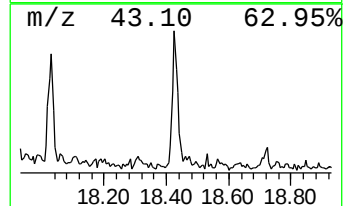
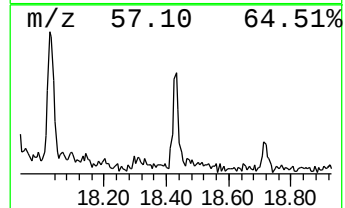
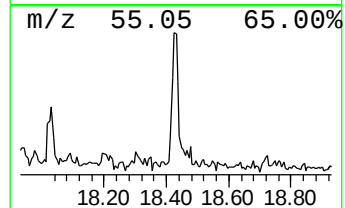
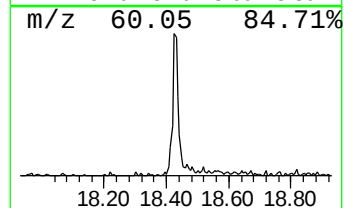
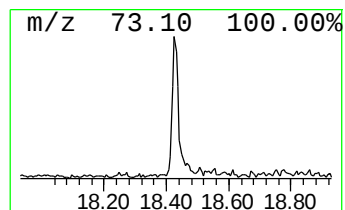
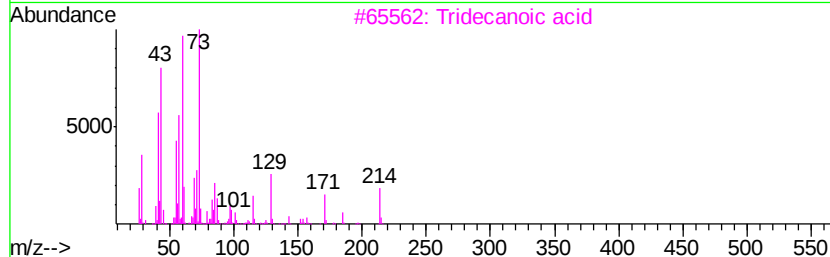
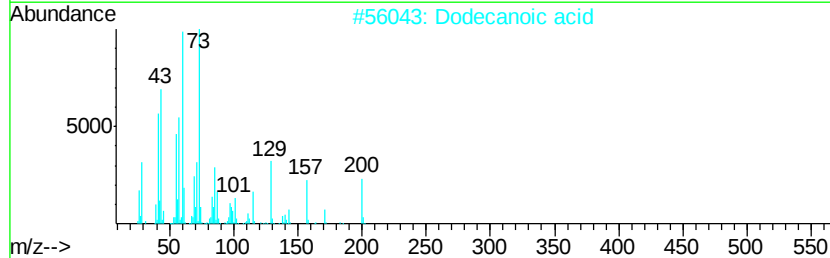
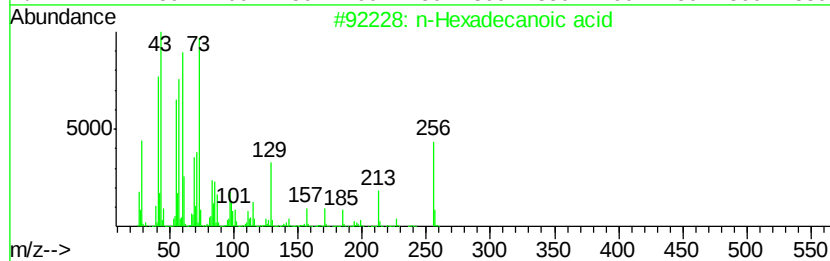
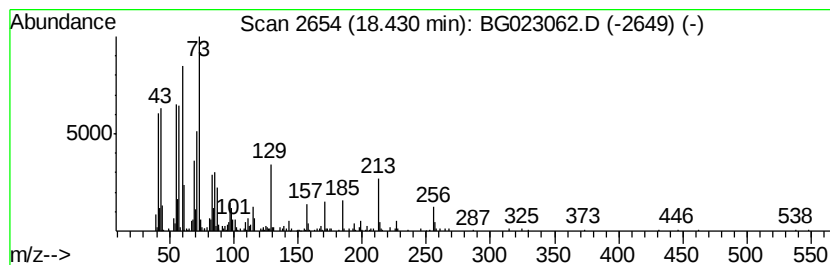
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.41 ng	364252	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2		Dodecanoic acid	200	C12H24O2	000143-07-7	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	56



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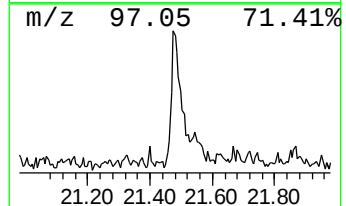
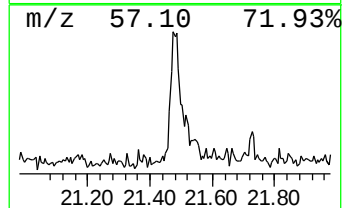
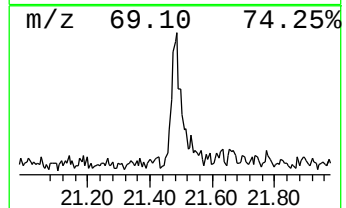
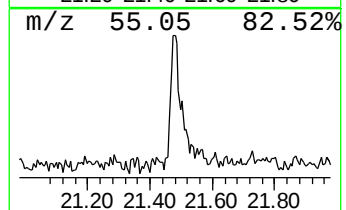
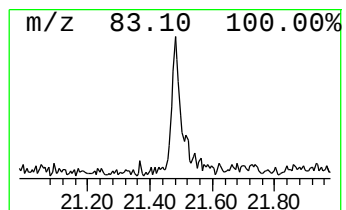
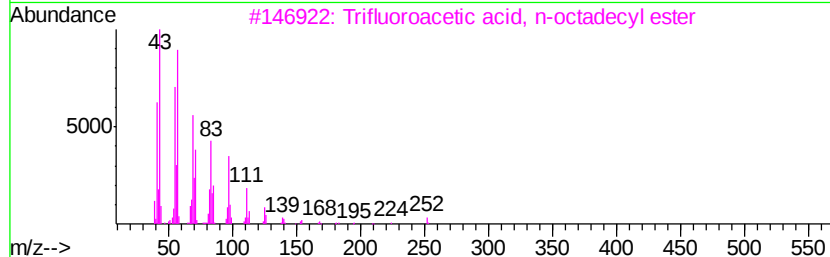
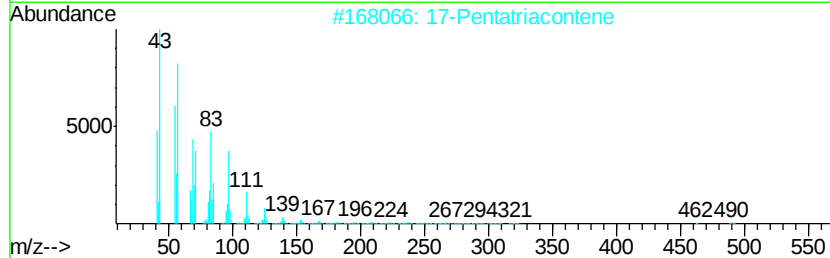
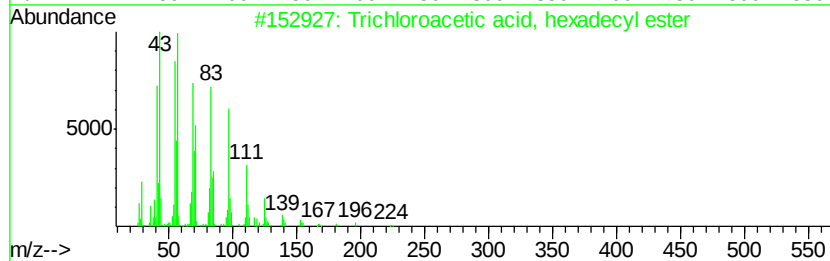
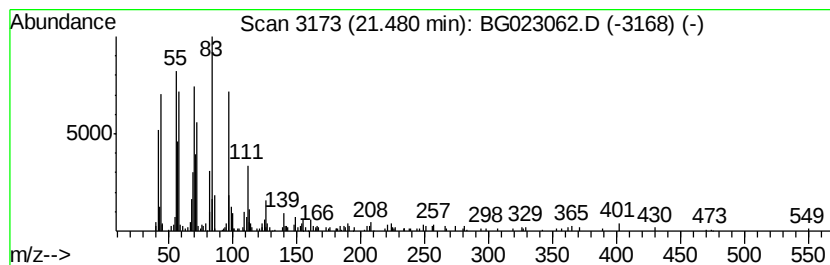
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.87 ng	354297	Chrysene-d12	21.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2			17-Pentatriacontene	491	C35H70	006971-40-0	83
3			Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	80
4			8-Heptadecene	238	C17H34	054290-12-9	74
5			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	74



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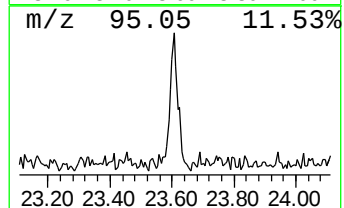
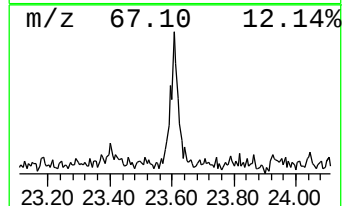
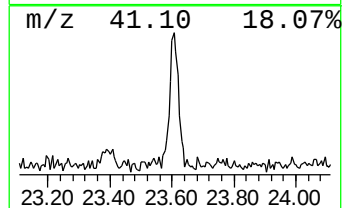
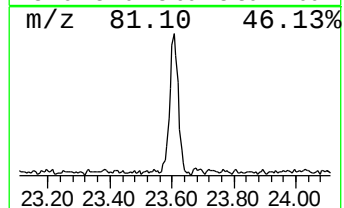
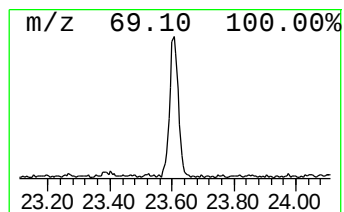
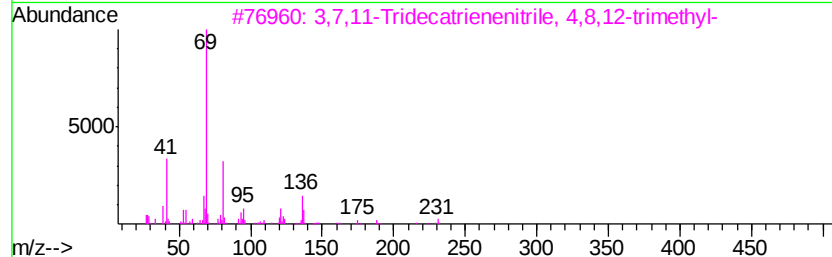
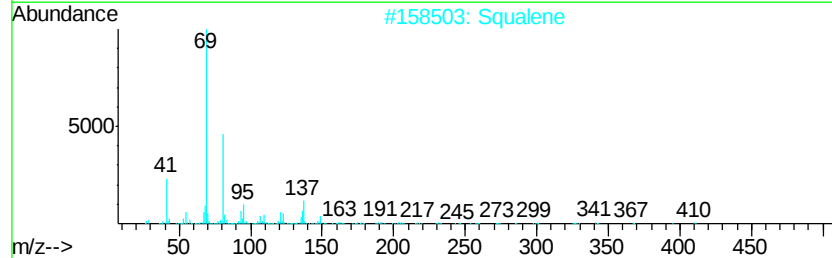
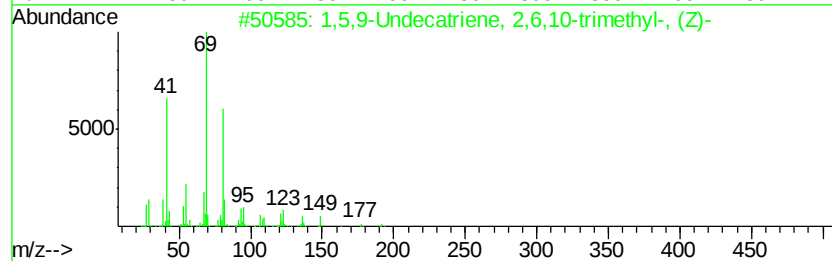
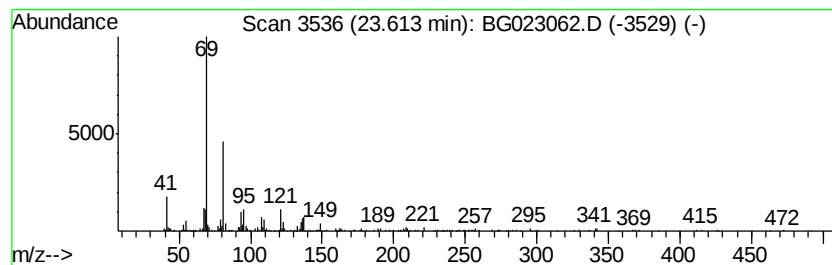
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	3.80 ng	459273	Perylene-d12	25.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
2			Squalene	410	C30H50	007683-64-9	74
3			3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	64
4			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5			4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023062.D
Acq On : 13 Jul 2016 8:49
Operator : UM/SJ
Sample : H3980-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C4.1-05

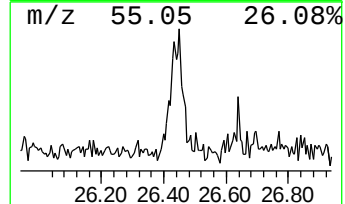
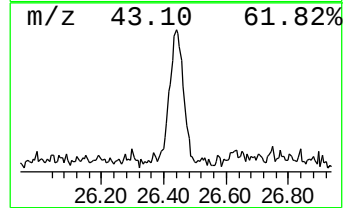
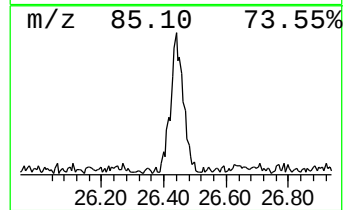
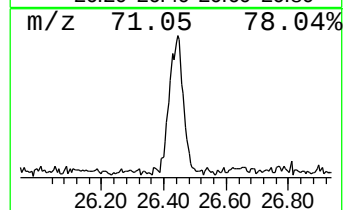
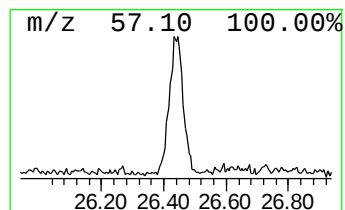
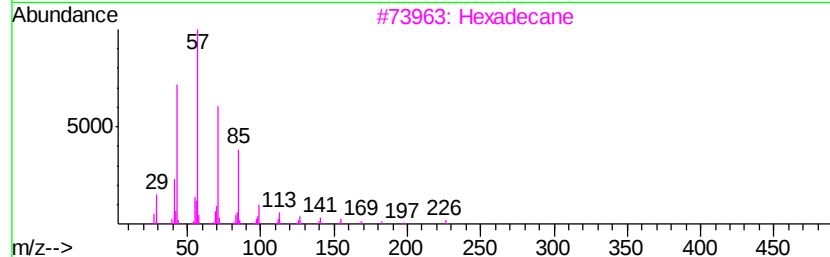
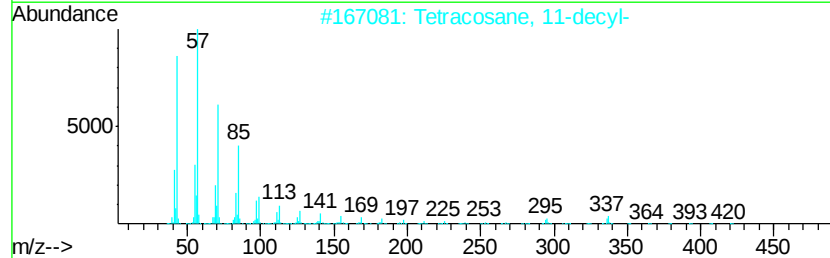
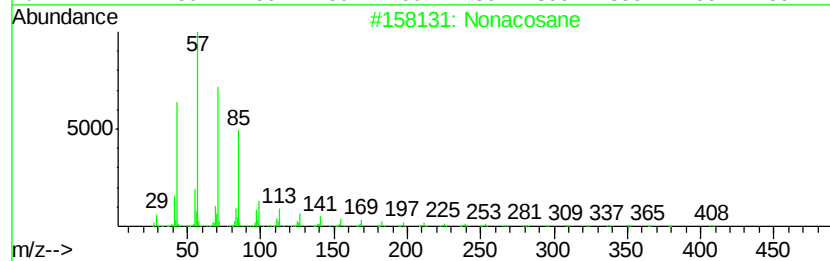
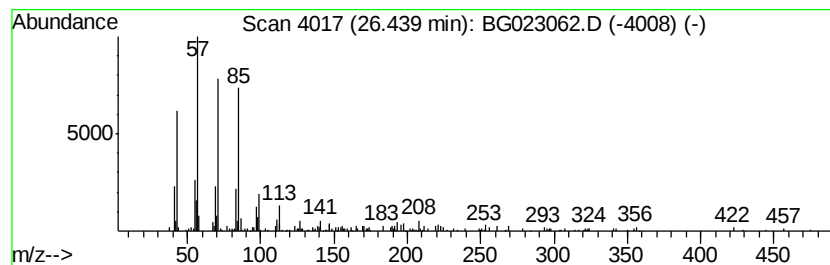
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.44	3.50 ng	422629	Perylene-d12	25.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	86
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
5		Hydroxylamine, 0-decyl-	173	C10H23NO	029812-79-1	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
Data File : BG023062.D
Acq On : 13 Jul 2016 8:49
Operator : UM/SJ
Sample : H3980-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C4.1-05

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.22	5.22	15.6	ng	481743	1	8.15	618404	20.0
unknown7.68	7.68	117.0	ng	3616320	1	8.15	618404	20.0
Benzene, 1,2-(met...	12.43	16.0	ng	855288	2	10.98	1066750	20.0
n-Hexadecanoic acid	18.43	3.4	ng	364252	4	17.56	2139060	20.0
Trichloroacetic a...	21.48	2.9	ng	354297	5	21.87	2470540	20.0
1,5,9-Undecatrien...	23.61	3.8	ng	459273	6	25.26	2414310	20.0
Nonacosane	26.44	3.5	ng	422629	6	25.26	2414310	20.0