LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050109.D
Acq On : 05 May 2025 21:34
Operator : RC/JU
Sample : Q1935-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-MM

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:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	330	rBV	292430	413676	5.78%	0.912%
2	5.340	394	400	419	rBV	1800514	2875099	40.16%	6.340%
3	6.934	664	671	694	rBV	1780861	3315166	46.30%	7.311%
4	7.745	802	809	820	rBV	1233193	2018417	28.19%	4.451%
5	8.904	998	1006	1022	rBV	908205	1808820	25.26%	3.989%
6	10.539	1274	1284	1302	rBV	1339428	2534229	35.40%	5.588%
7	13.010	1695	1704	1723	rBV	3268449	5049757	70.53%	11.136%
8	14.392	1929	1939	1954	rBV	2081504	3281699	45.84%	7.237%
9	15.757	2165	2171	2185	rVB	274170	452196	6.32%	0.997%
10	15.886	2185	2193	2218	rBV	2480950	4122012	57.57%	9.090%
11	17.139	2400	2406	2412	rBV2	2291675	3520607	49.17%	7.764%
12	18.039	2552	2559	2562	rBV2	246086	402458	5.62%	0.888%
13	18.215	2584	2589	2593	rBV3	48553	95821	1.34%	0.211%
14	18.939	2708	2712	2716	rBV	43146	79353	1.11%	0.175%
15	19.204	2753	2757	2765	rBV	98846	166907	2.33%	0.368%
16	19.315	2773	2776	2782	rBV2	91371	164197	2.29%	0.362%
17	19.568	2815	2819	2827	rVB	155050	252041	3.52%	0.556%
18	19.768	2847	2853	2863	rBV	5846059	7159708	100.00%	15.789%
19	21.056	3069	3072	3082	rVB3	135648	202957	2.83%	0.448%
20	21.380	3122	3127	3134	rBV	2424583	3665626	51.20%	8.083%
21	24.374	3628	3636	3650	rVB	1470203	3766595	52.61%	8.306%

Sum of corrected areas: 45347341

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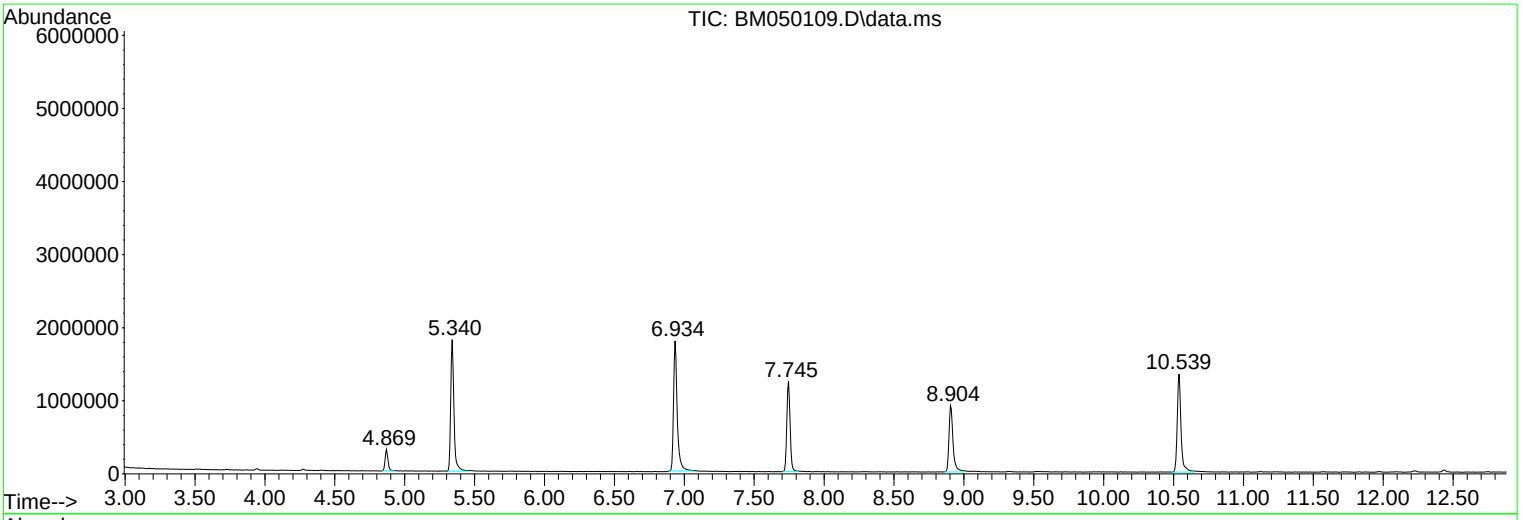
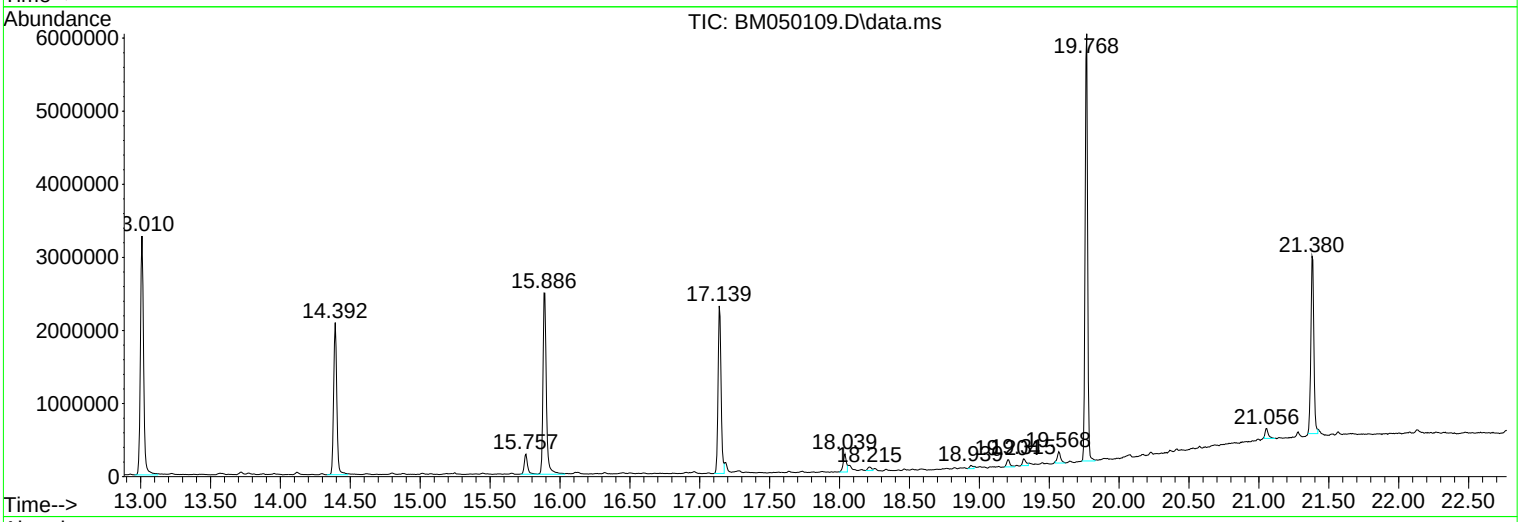
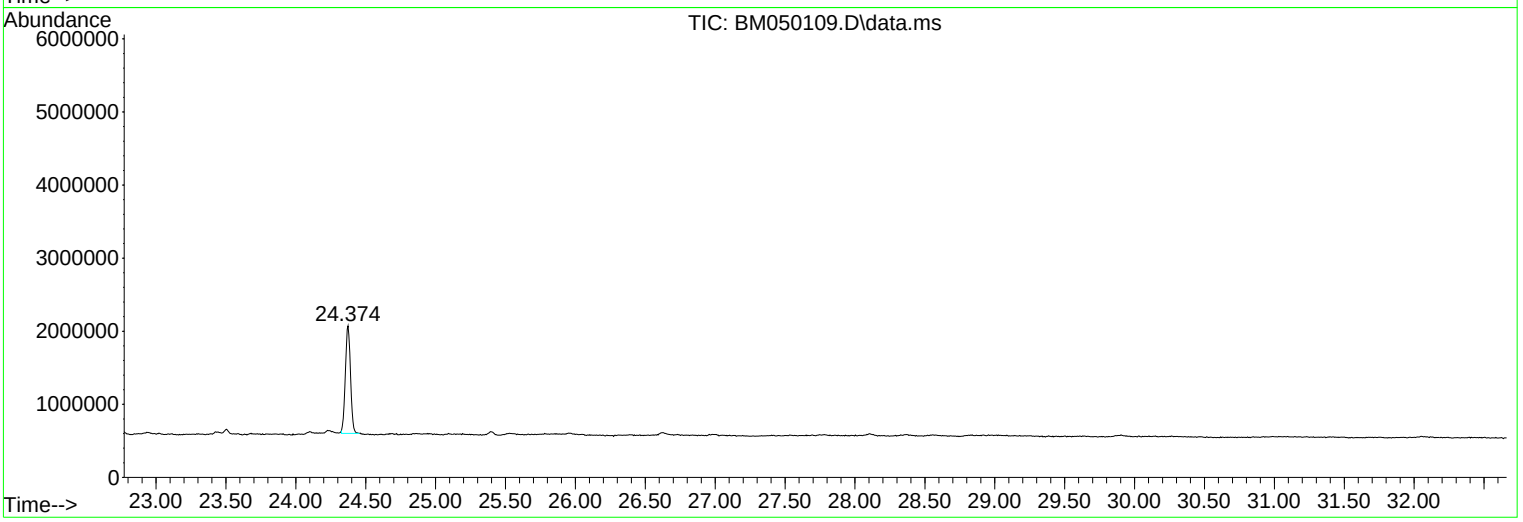
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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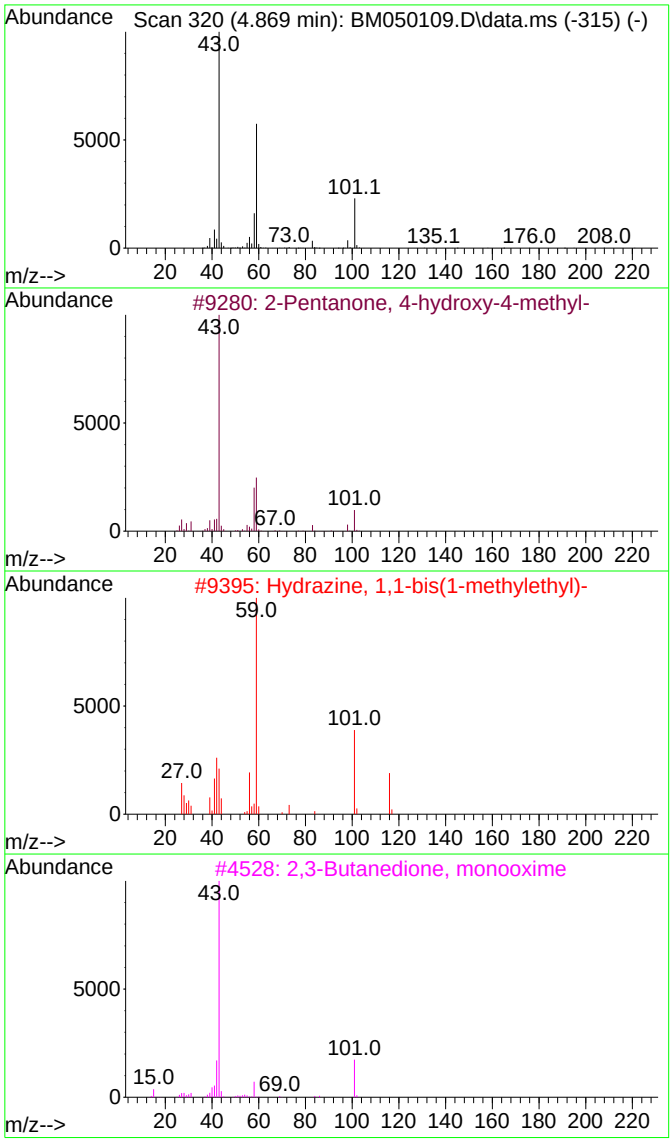
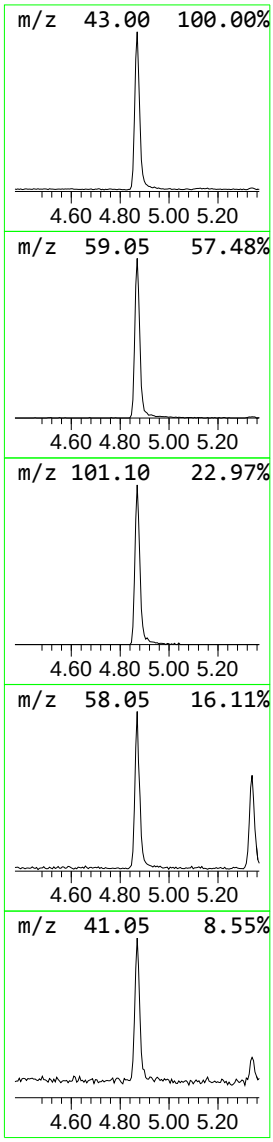
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.10 ng	413676	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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ClientSampleId :
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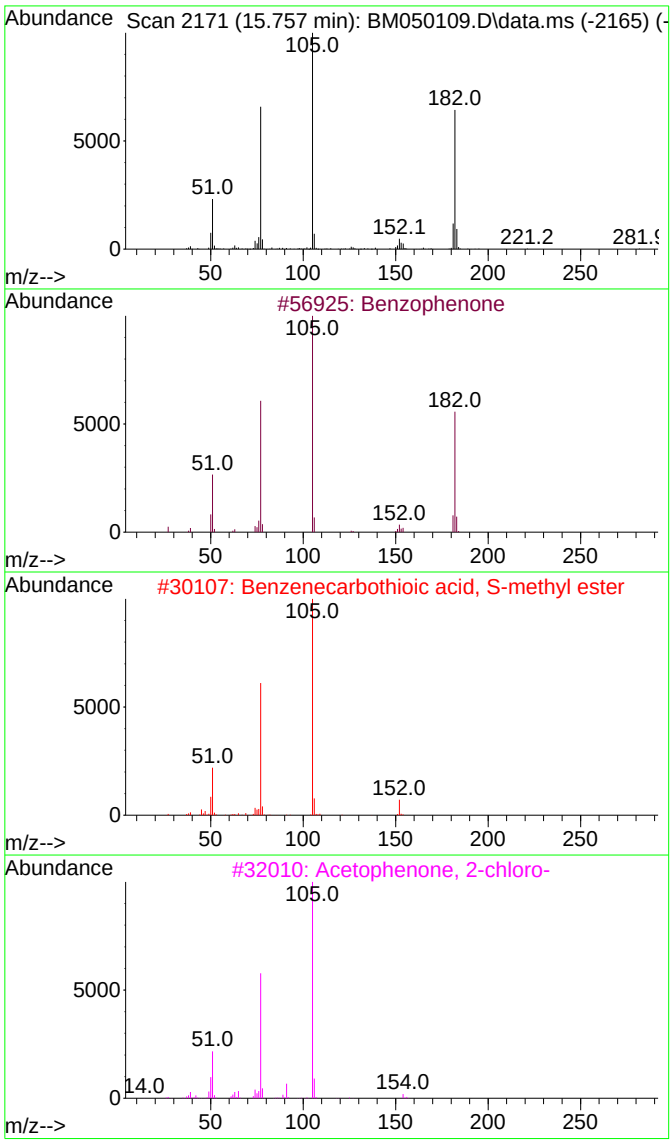
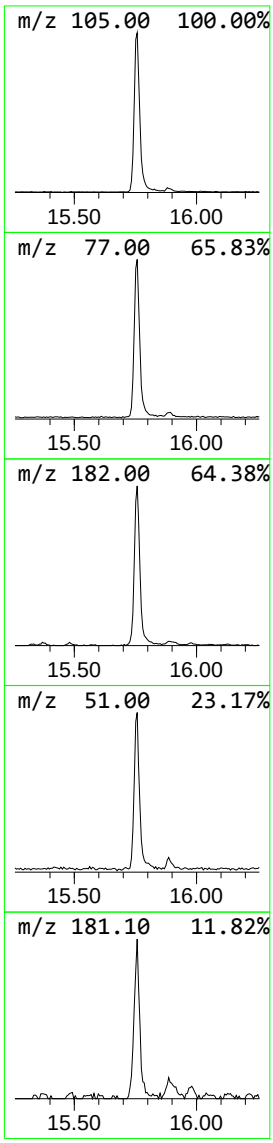
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	2.76 ng	452196	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	43
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-MM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
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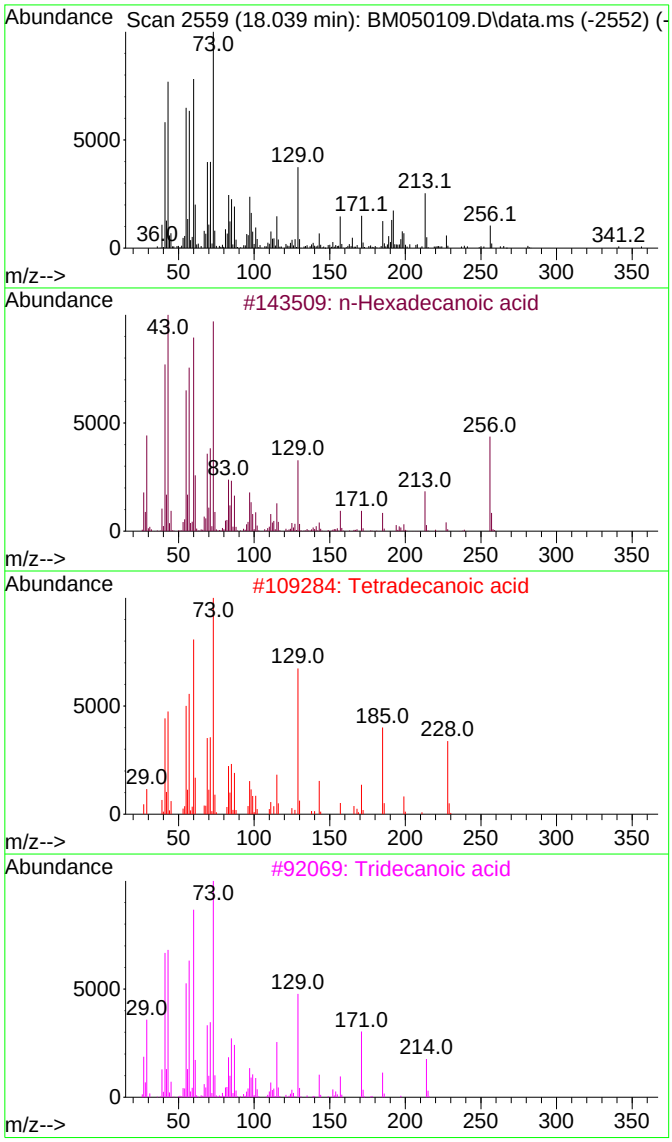
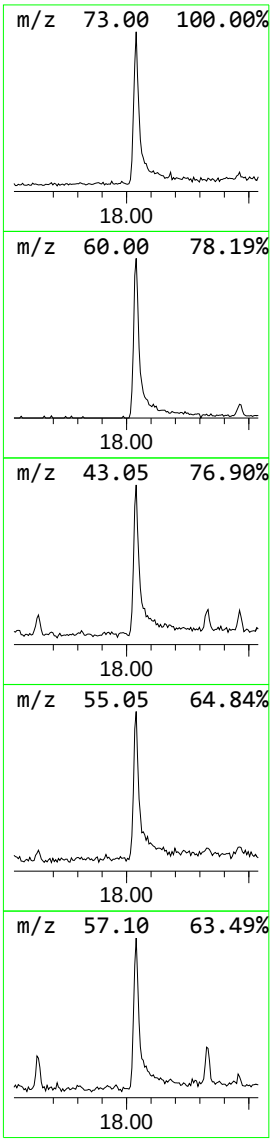
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	2.29 ng	402458	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Tentatively Identified Compound (LSC) summary

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BNA_M
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	4.1	ng	413676	1	7.745	2018420	20.0
Benzophenone	15.757	2.8	ng	452196	3	14.392	3281700	20.0
n-Hexadecanoic ...	18.039	2.3	ng	402458	4	17.139	3520610	20.0