

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053226.D
 Acq On : 20 Apr 2022 21:48
 Operator : CG/JU
 Sample : N2451-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8085

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_G\Methods\8270-BG040822.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053226.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.681	383	390	405	rVB	633373	1050710	39.07%	8.821%
2	7.279	653	662	670	rBV	654787	1168348	43.44%	9.808%
3	8.113	797	804	810	rBV	137575	234633	8.72%	1.970%
4	9.276	993	1002	1010	rBV	413647	762253	28.34%	6.399%
5	10.927	1275	1283	1291	rBV	175766	320521	11.92%	2.691%
6	13.359	1690	1697	1707	rBV	1038579	1621094	60.28%	13.609%
7	14.733	1925	1931	1940	rVB	269610	440046	16.36%	3.694%
8	16.225	2178	2185	2199	rBV	869273	1384917	51.49%	11.627%
9	17.483	2392	2399	2405	rBV	365637	559942	20.82%	4.701%
10	18.358	2544	2548	2563	rBV2	43278	79243	2.95%	0.665%
11	20.085	2836	2842	2849	rVB	2114446	2689447	100.00%	22.578%
12	21.383	3059	3063	3077	rBV	98038	196411	7.30%	1.649%
13	21.765	3122	3128	3136	rBV	370946	612406	22.77%	5.141%
14	22.282	3211	3216	3221	rBV4	24683	42194	1.57%	0.354%
15	23.474	3413	3419	3428	rVB	72311	144530	5.37%	1.213%
16	25.066	3679	3690	3700	rVB	205416	605015	22.50%	5.079%

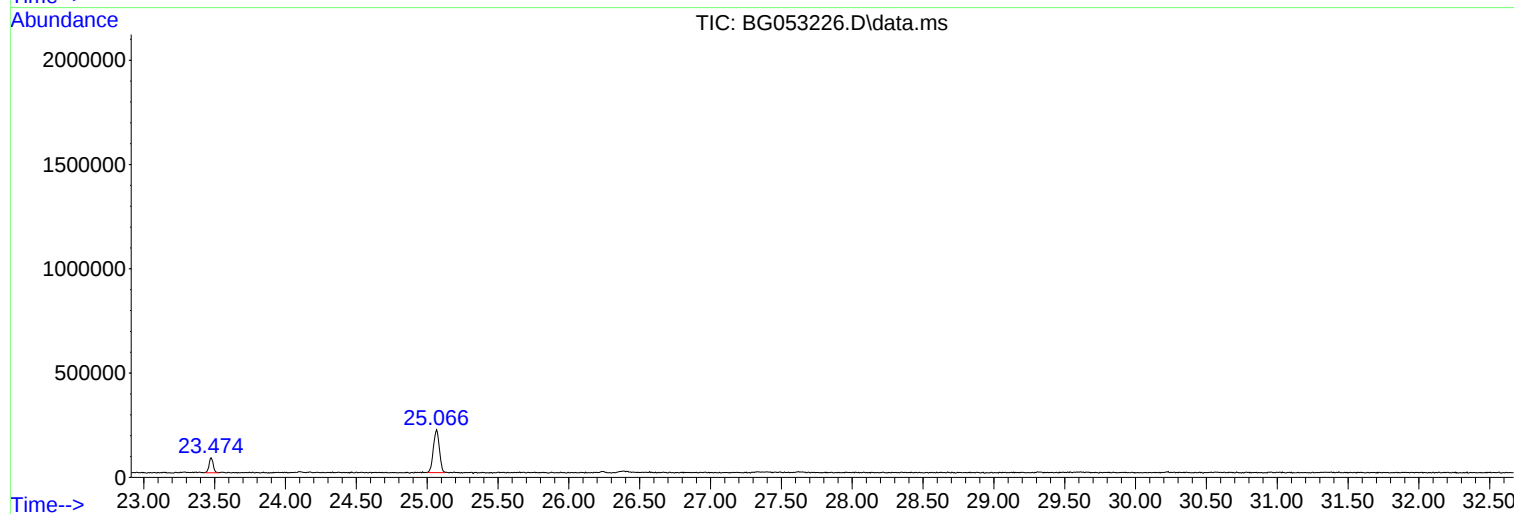
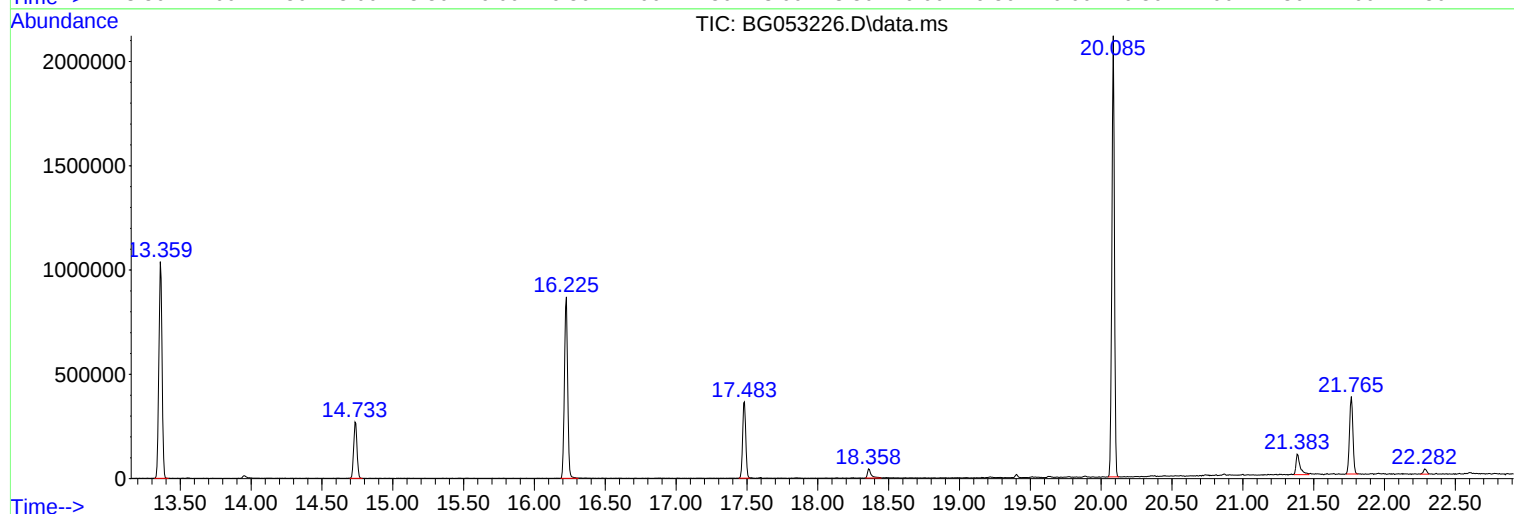
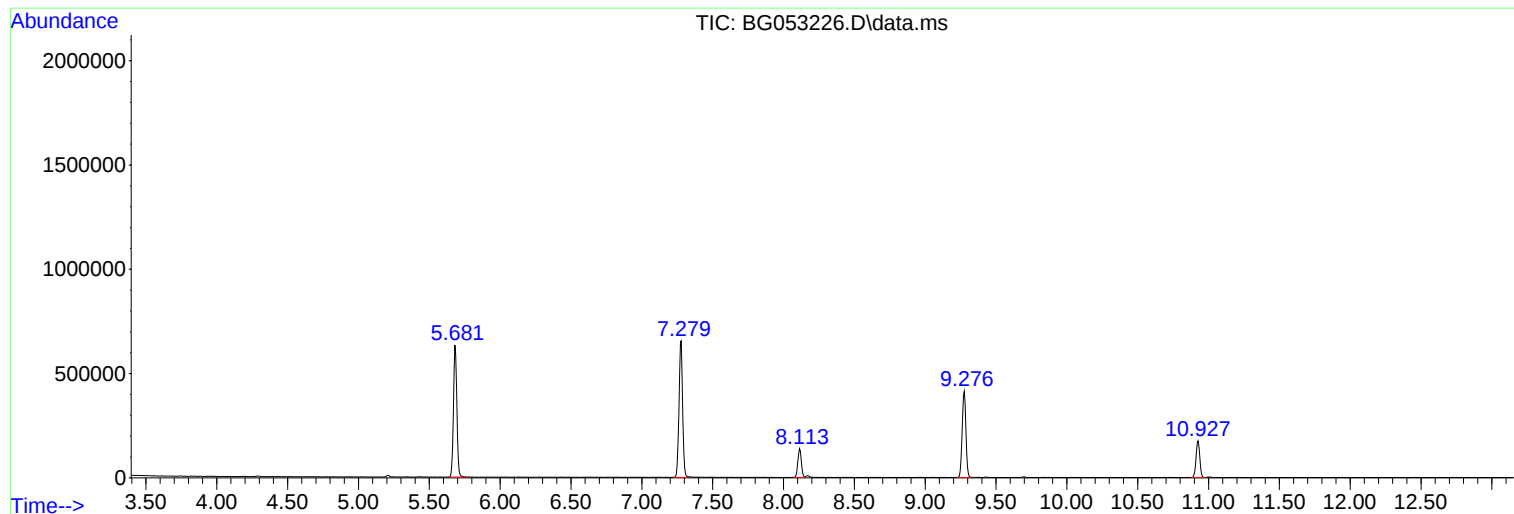
Sum of corrected areas: 11911710

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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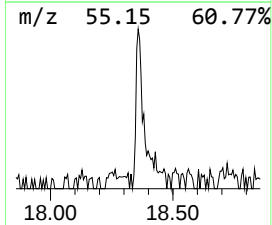
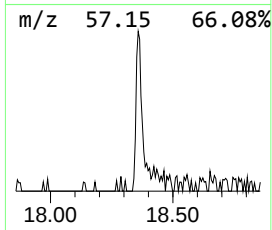
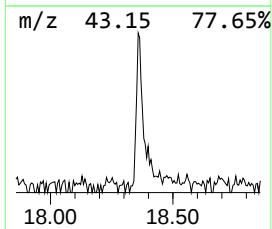
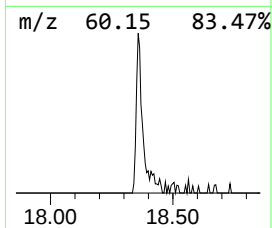
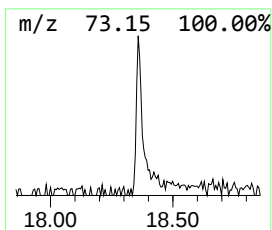
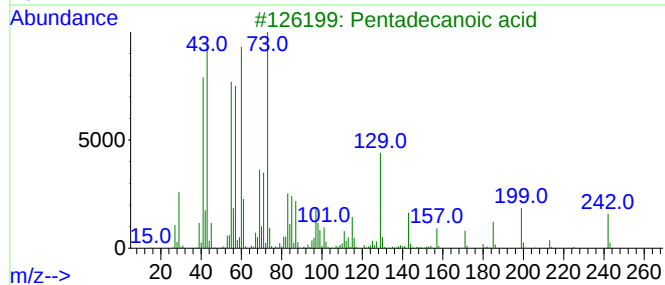
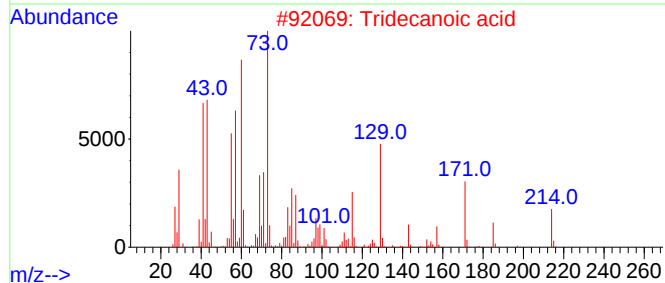
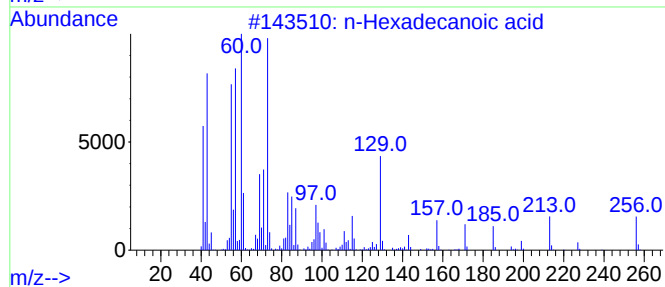
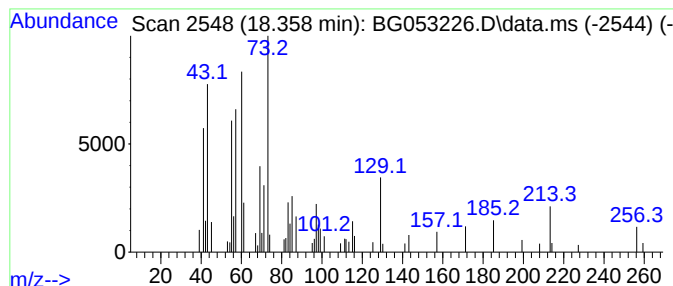
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.358	2.83 ng	79243	Phenanthrene-d10	17.477

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Dodecanoic acid	200	C12H24O2	000143-07-7	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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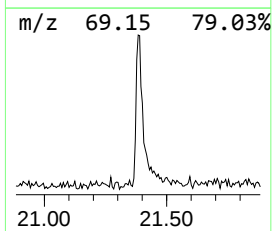
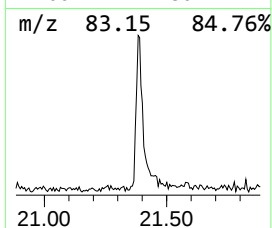
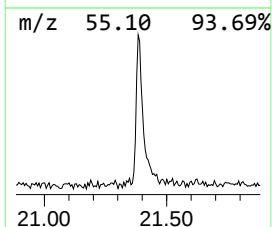
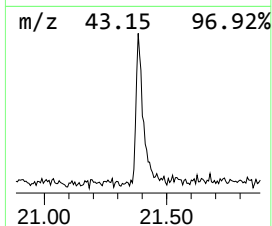
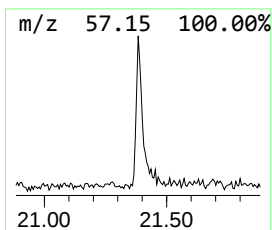
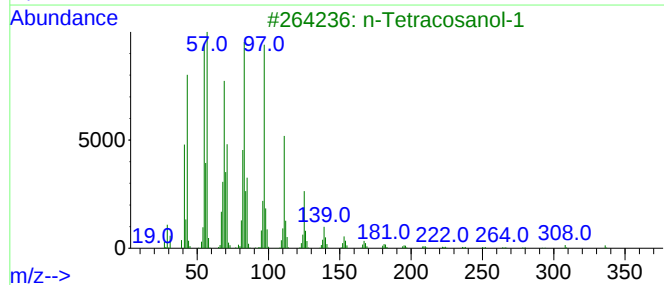
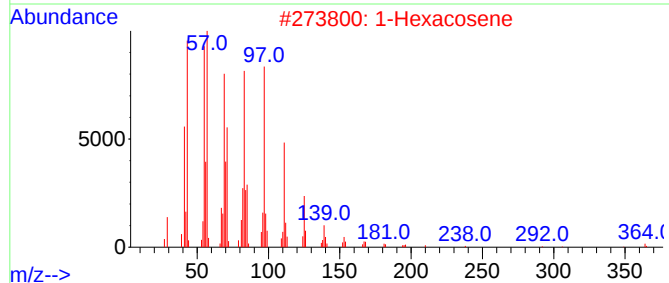
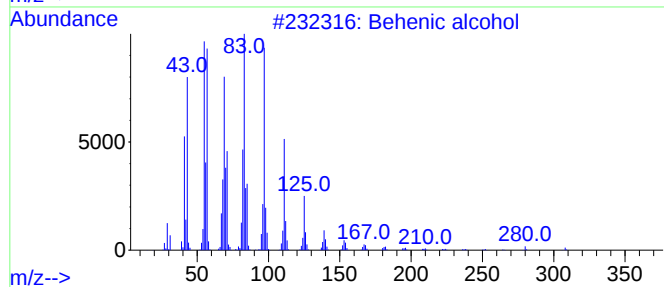
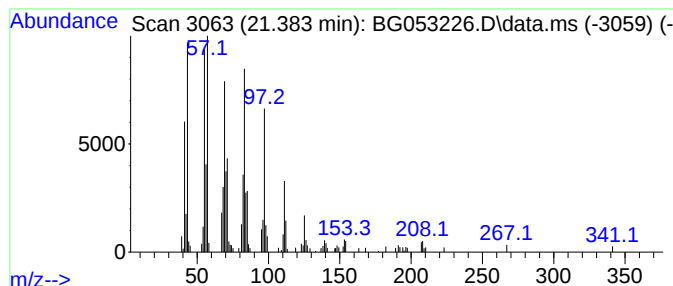
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.383	6.41 ng	196411	Chrysene-d12	21.765

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			1-Hexacosene	364	C26H52	018835-33-1	94
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			1-Heptacosanol	396	C27H56O	002004-39-9	91



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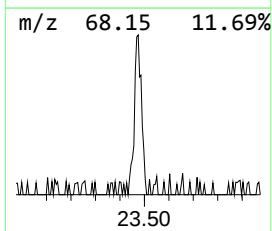
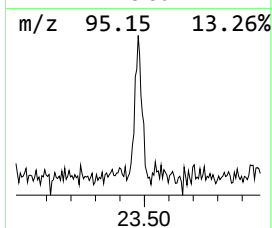
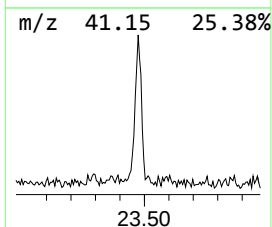
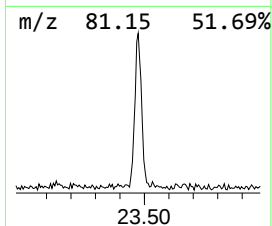
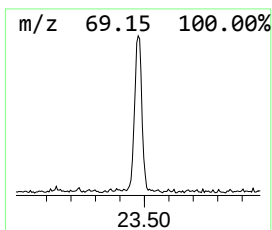
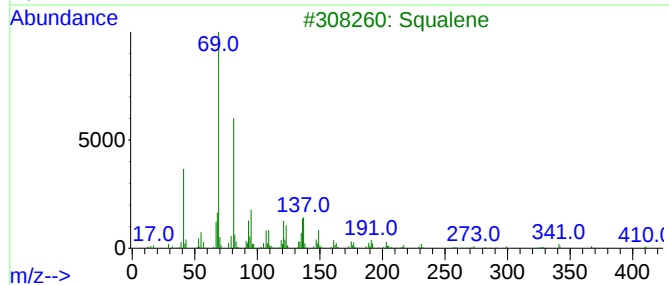
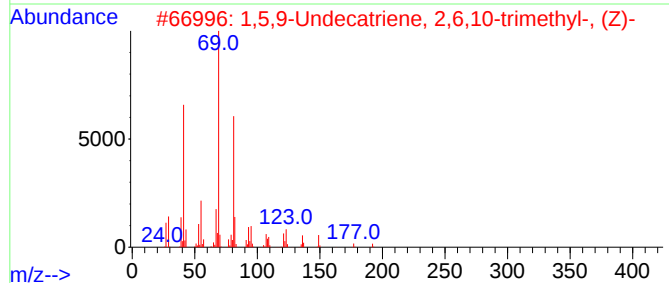
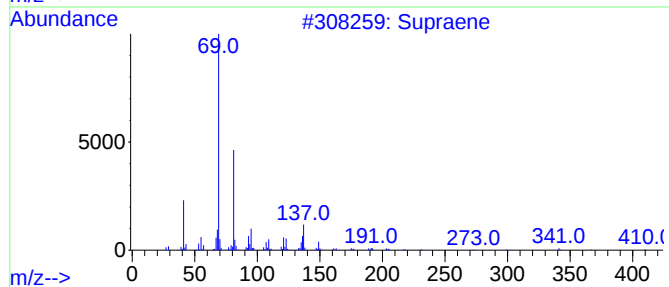
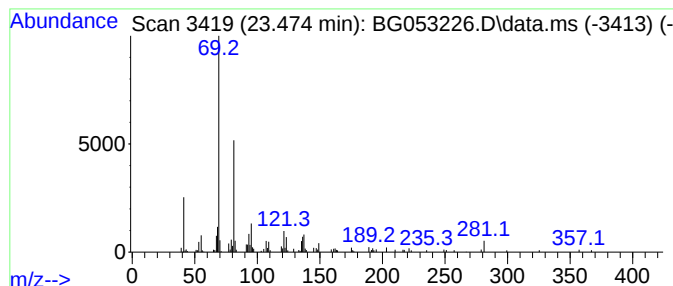
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Peak Number 3 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	4.78 ng	144530	Perylene-d12	25.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	81
2			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
3			Squalene	410	C30H50	000111-02-4	72
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.358	2.8	ng	79243	4	17.477	559942	20.0
Behenic alcohol	21.383	6.4	ng	196411	5	21.765	612406	20.0
Supraene	23.474	4.8	ng	144530	6	25.066	605015	20.0