

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
 Data File : BP007207.D
 Acq On : 27 Sep 2021 16:07
 Operator : CG/JU
 Sample : M3944-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BOILER-PIT-3-5

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_P\Methods\8270E-BP092121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007207.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.452	396	402	414	rVB	917663	1494503	17.29%	5.448%
2	7.052	665	674	686	rBV	1024871	1744269	20.17%	6.359%
3	7.881	808	815	821	rBV	239859	384414	4.45%	1.401%
4	9.040	1005	1012	1028	rBV	632183	1078151	12.47%	3.931%
5	10.463	1248	1254	1263	rBV	291526	521359	6.03%	1.901%
6	10.681	1283	1291	1300	rBV	422521	713356	8.25%	2.601%
7	12.457	1588	1593	1607	rBV	148017	329684	3.81%	1.202%
8	13.140	1702	1709	1721	rVB	2351354	3488759	40.35%	12.719%
9	14.510	1937	1942	1949	rVB	902038	1336815	15.46%	4.873%
10	16.004	2190	2196	2204	rBV	3063242	4342016	50.22%	15.829%
11	17.263	2406	2410	2417	rBV	1564595	2169917	25.10%	7.911%
12	18.163	2560	2563	2567	rBV2	871747	1180927	13.66%	4.305%
13	19.833	2843	2847	2855	rVB	6866692	8646152	100.00%	31.520%

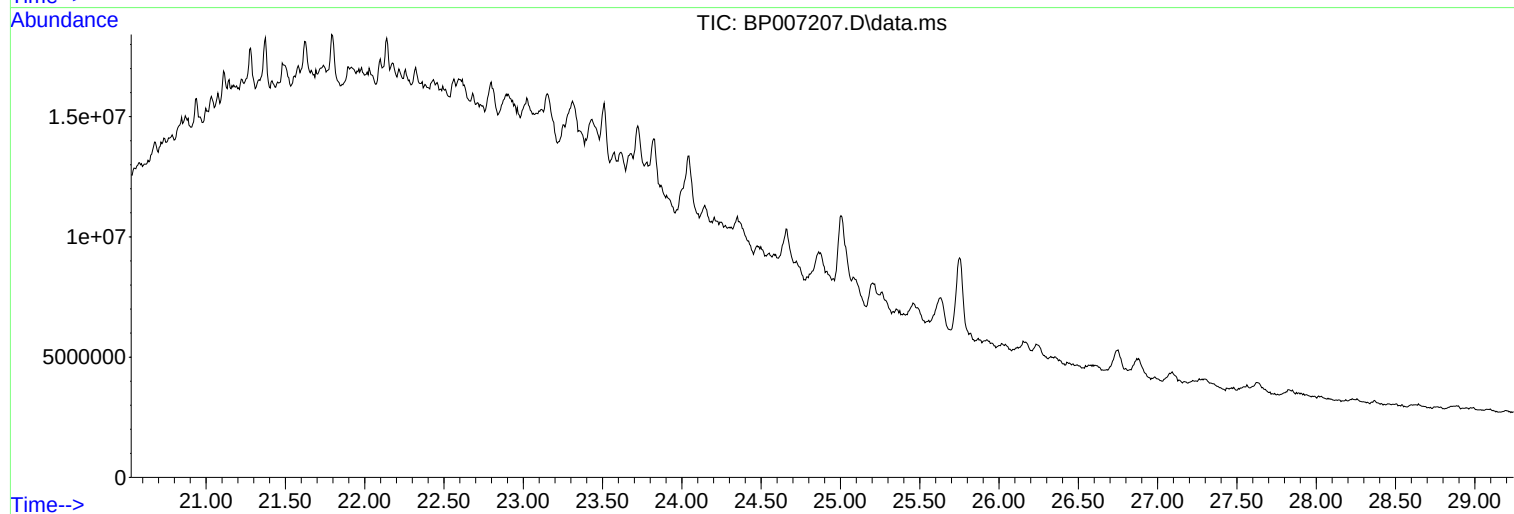
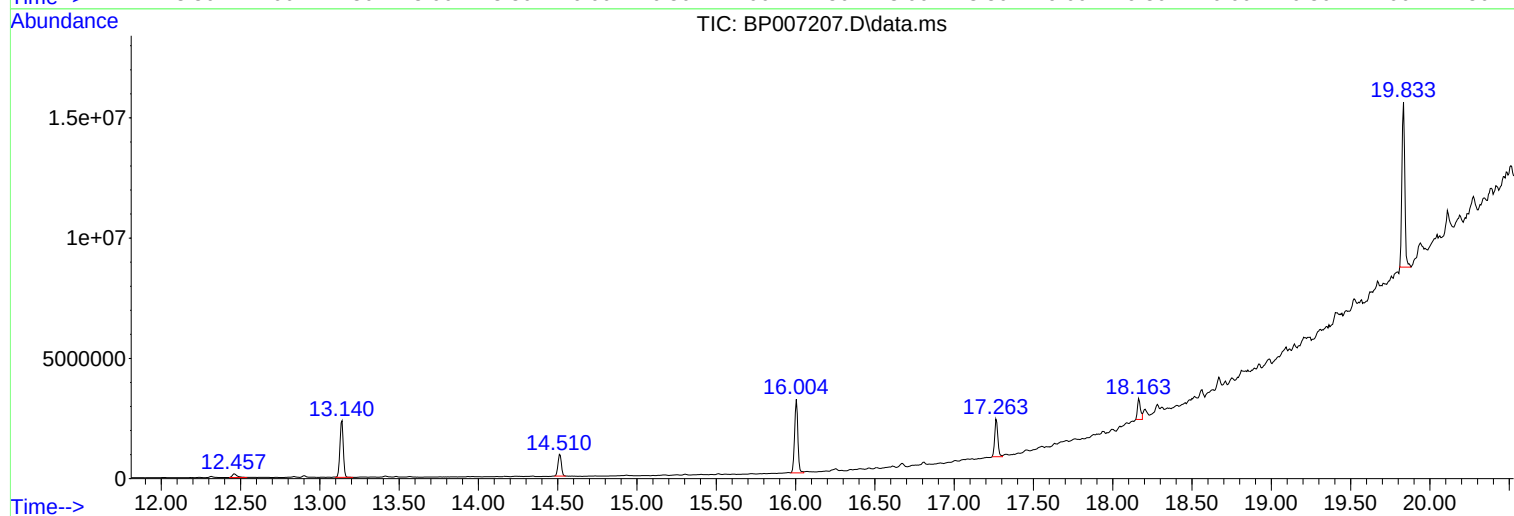
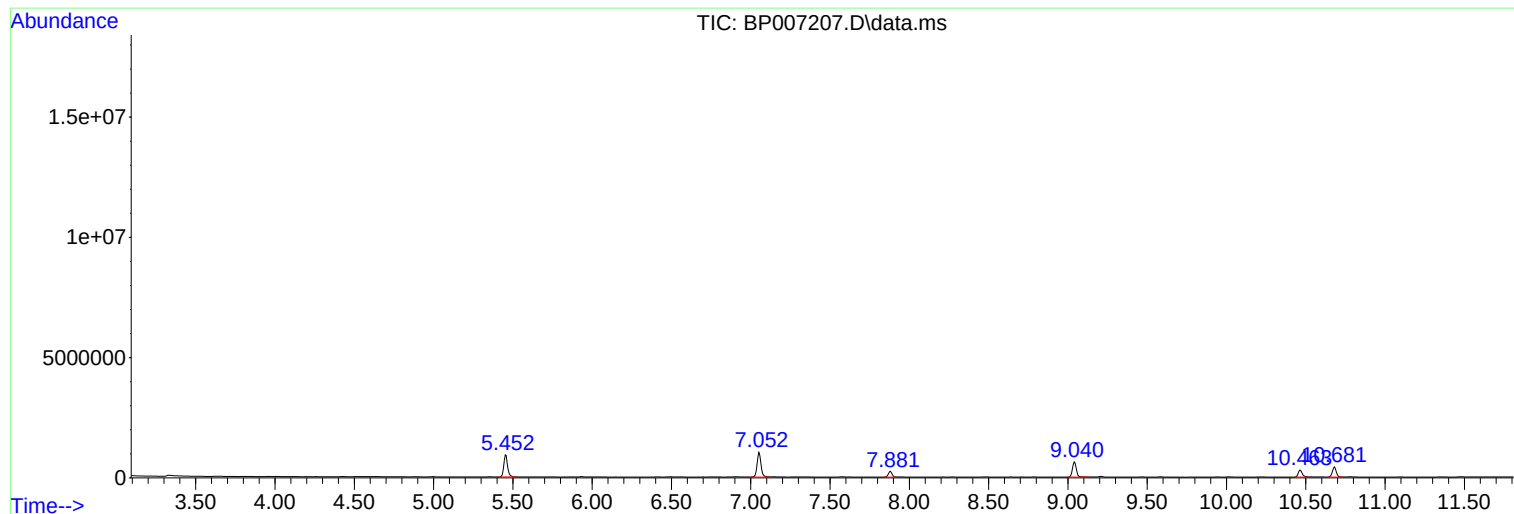
Sum of corrected areas: 27430322

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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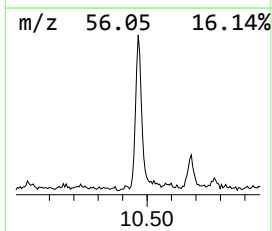
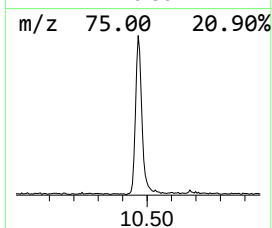
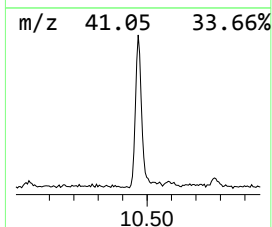
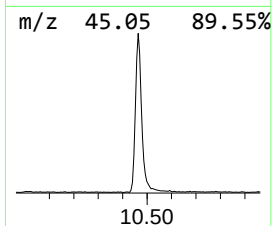
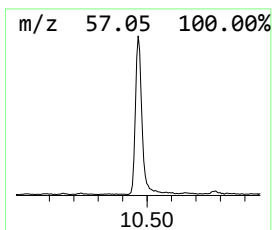
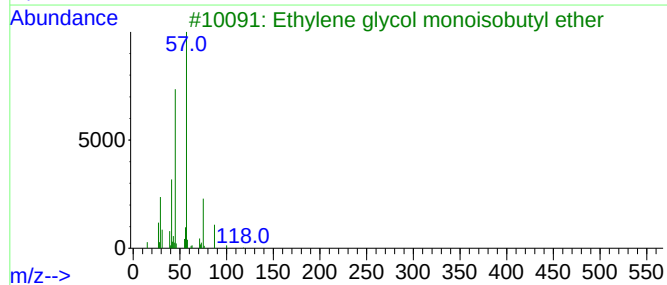
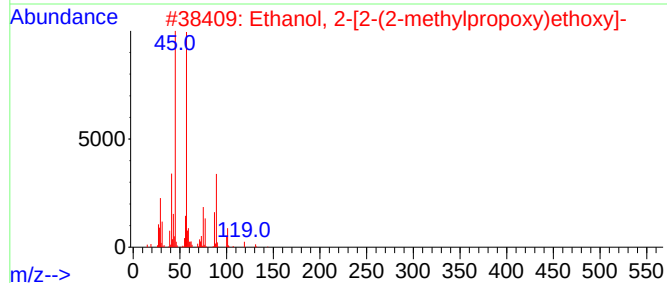
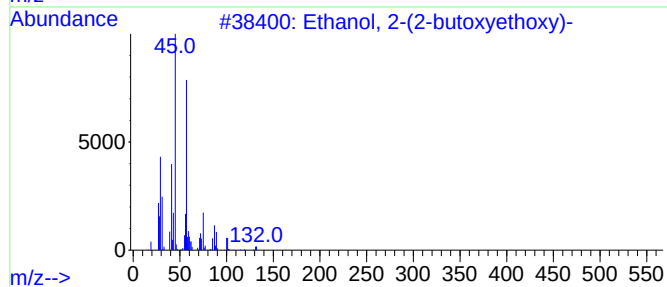
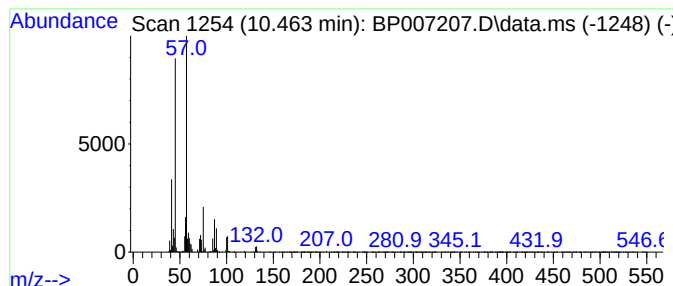
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.463	14.62 ng	521359	Naphthalene-d8	10.681	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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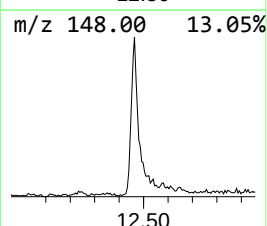
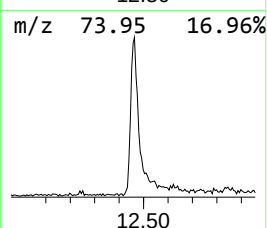
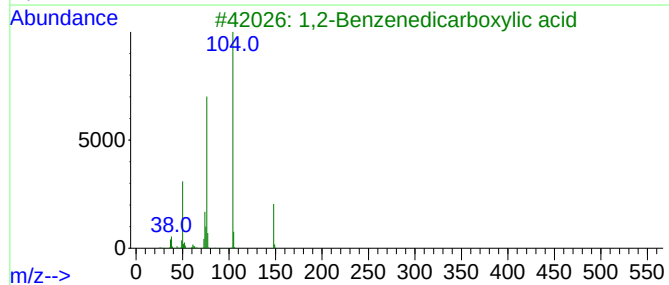
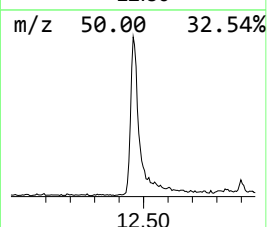
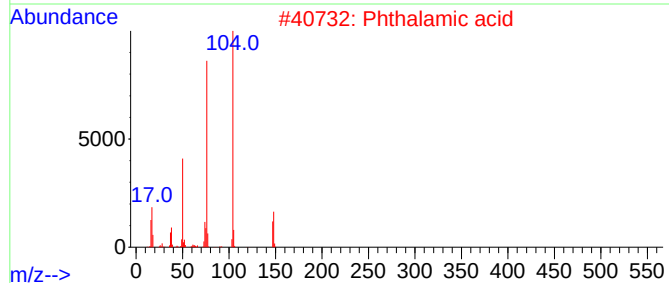
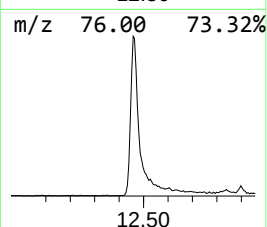
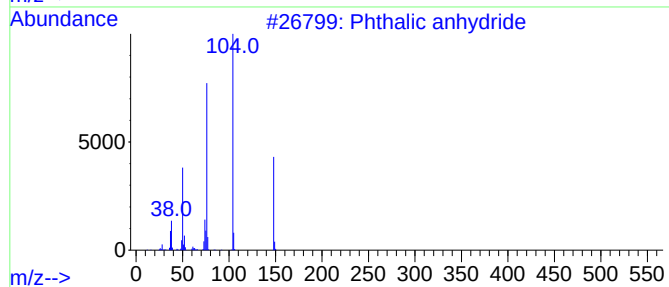
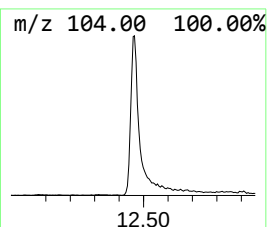
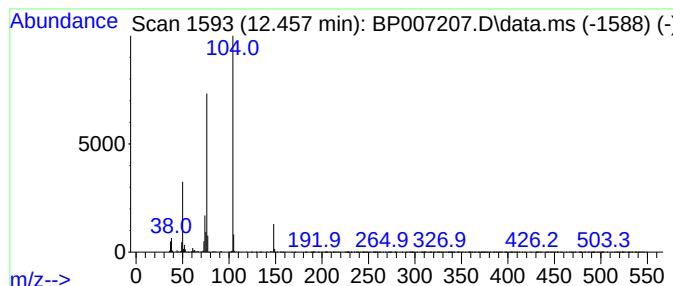
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Peak Number 2 Phthalic anhydride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	9.24 ng	329684	Naphthalene-d8	10.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	95
2			Phthalamic acid	165	C8H7NO3	000088-97-1	90
3			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
4			Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
5			Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	72



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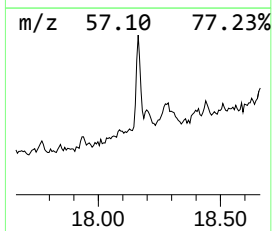
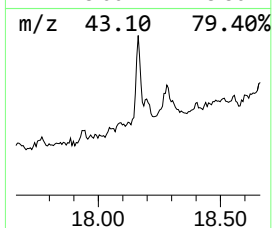
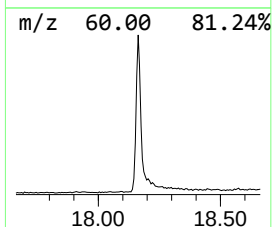
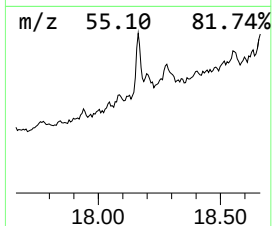
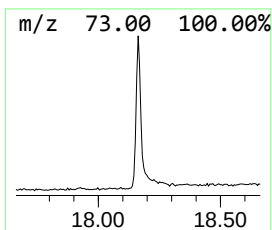
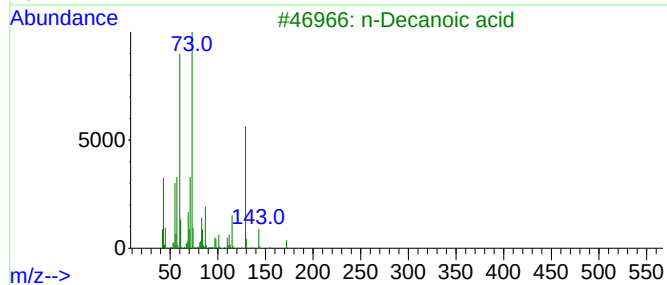
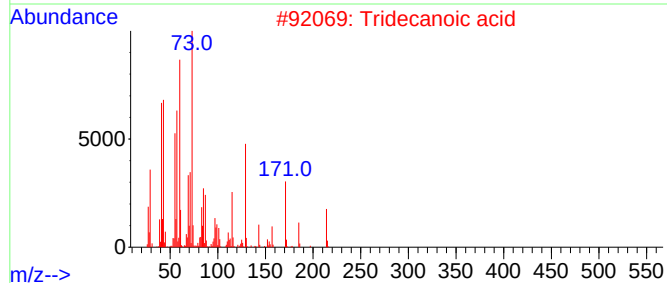
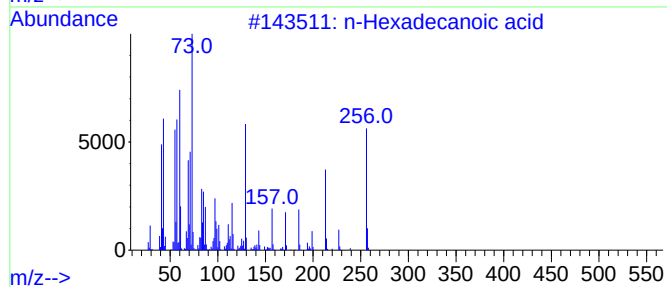
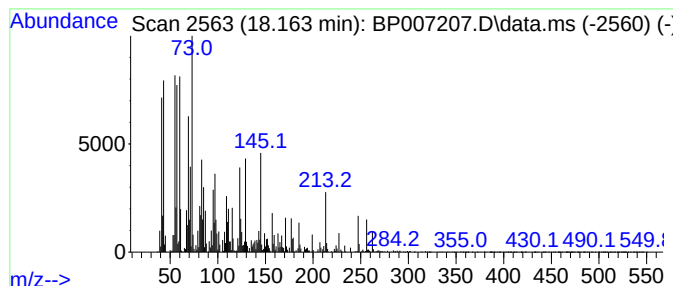
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	10.88 ng	1180930	Phenanthrene-d10	17.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			n-Decanoic acid	172	C10H20O2	000334-48-5	42
4			Octadecanoic acid	284	C18H36O2	000057-11-4	38
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.463	14.6	ng	521359	2	10.681	713356	20.0
Phthalic anhydride	12.457	9.2	ng	329684	2	10.681	713356	20.0
n-Hexadecanoic ...	18.163	10.9	ng	1180930	4	17.263	2169920	20.0