LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029652.D
Acq On : 26 Apr 2021 16:36
Operator : CG/JU
Sample : M2170-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CS-1

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-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.216	390	396	403	rBV	943313	1363656	39.12%	6.580%
2	5.275	403	406	414	rVB	23745	45576	1.31%	0.220%
3	6.798	658	665	684	rBV	921422	1505494	43.19%	7.265%
4	7.616	797	804	812	rBV	265796	420829	12.07%	2.031%
5	8.775	993	1001	1020	rBV	574371	973058	27.91%	4.695%
6	10.398	1270	1277	1283	rBV	340663	566887	16.26%	2.735%
7	12.880	1693	1699	1710	rBV	1564334	2298262	65.93%	11.090%
8	13.727	1837	1843	1852	rVB	48486	80178	2.30%	0.387%
9	14.121	1901	1910	1916	rBV3	24974	59445	1.71%	0.287%
10	14.268	1927	1935	1941	rBV	542303	824632	23.66%	3.979%
11	15.757	2178	2188	2197	rBV	1415105	2044982	58.66%	9.868%
12	15.862	2202	2206	2213	rVB	31132	53199	1.53%	0.257%
13	17.009	2395	2401	2405	rBV	713615	1003057	28.77%	4.840%
14	17.051	2405	2408	2415	rVV	193730	278667	7.99%	1.345%
15	17.145	2419	2424	2429	rVB	50285	76526	2.20%	0.369%
16	17.921	2551	2556	2566	rBV2	344282	492125	14.12%	2.375%
17	18.080	2578	2583	2587	rBV3	44989	80201	2.30%	0.387%
18	18.115	2587	2589	2594	rVB	28432	35305	1.01%	0.170%
19	18.392	2632	2636	2639	rBV	25913	37086	1.06%	0.179%
20	19.074	2746	2752	2759	rBV	406354	593234	17.02%	2.863%
21	19.203	2770	2774	2782	rBV2	155999	234743	6.73%	1.133%
22	19.433	2805	2813	2823	rBV	370011	581884	16.69%	2.808%
23	19.645	2844	2849	2860	rVB	2849344	3486028	100.00%	16.821%
24	19.933	2895	2898	2903	rVB2	63253	81767	2.35%	0.395%
25	20.921	3062	3066	3072	rBV2	361571	457885	13.13%	2.209%
26	21.191	3106	3112	3116	rBV2	1017536	1593454	45.71%	7.689%
27	21.233	3116	3119	3127	rVB	197042	280106	8.04%	1.352%
28	23.385	3479	3485	3491	rVB	647785	1175700	33.73%	5.673%

Sum of corrected areas: 20723966

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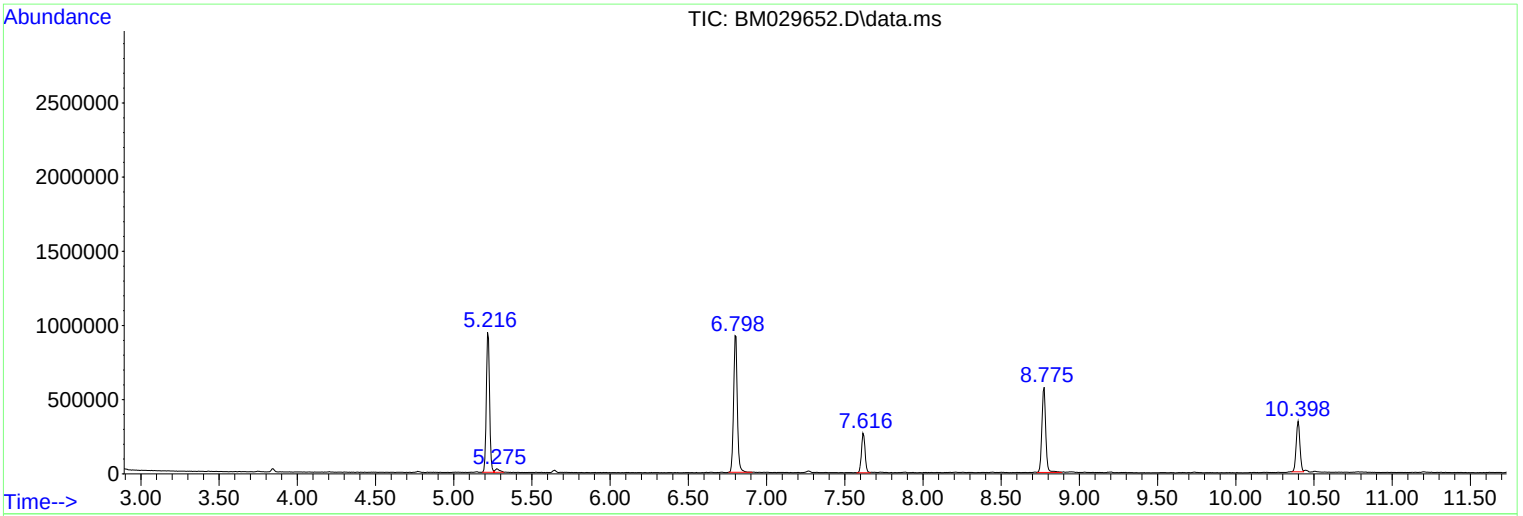
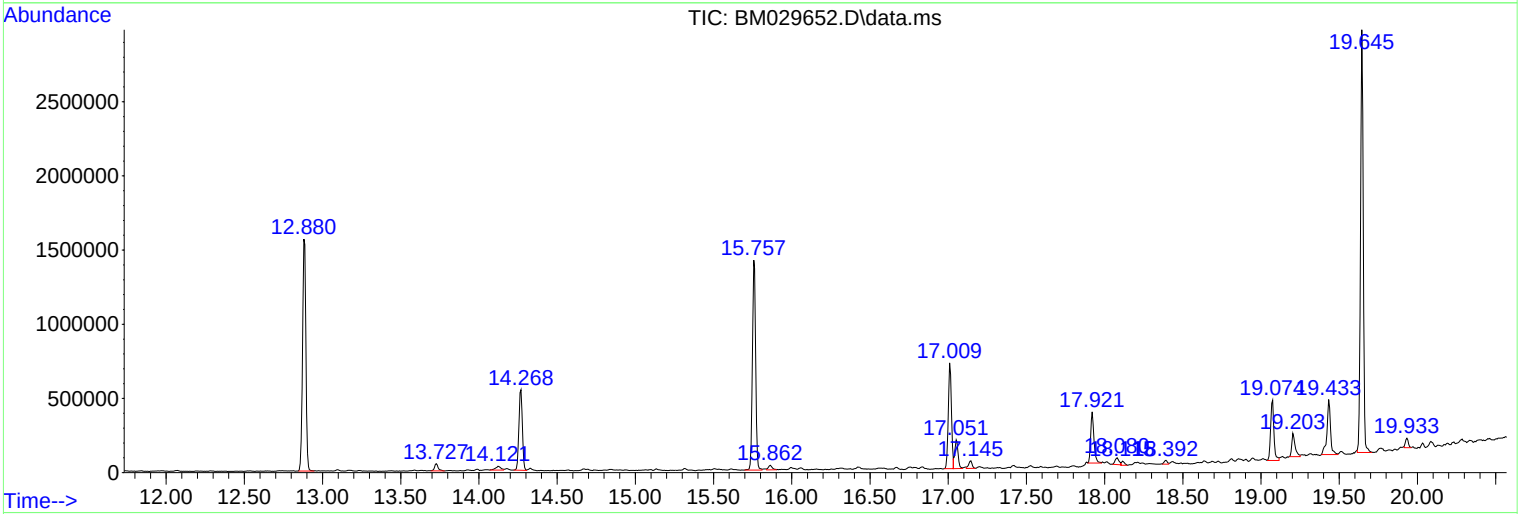
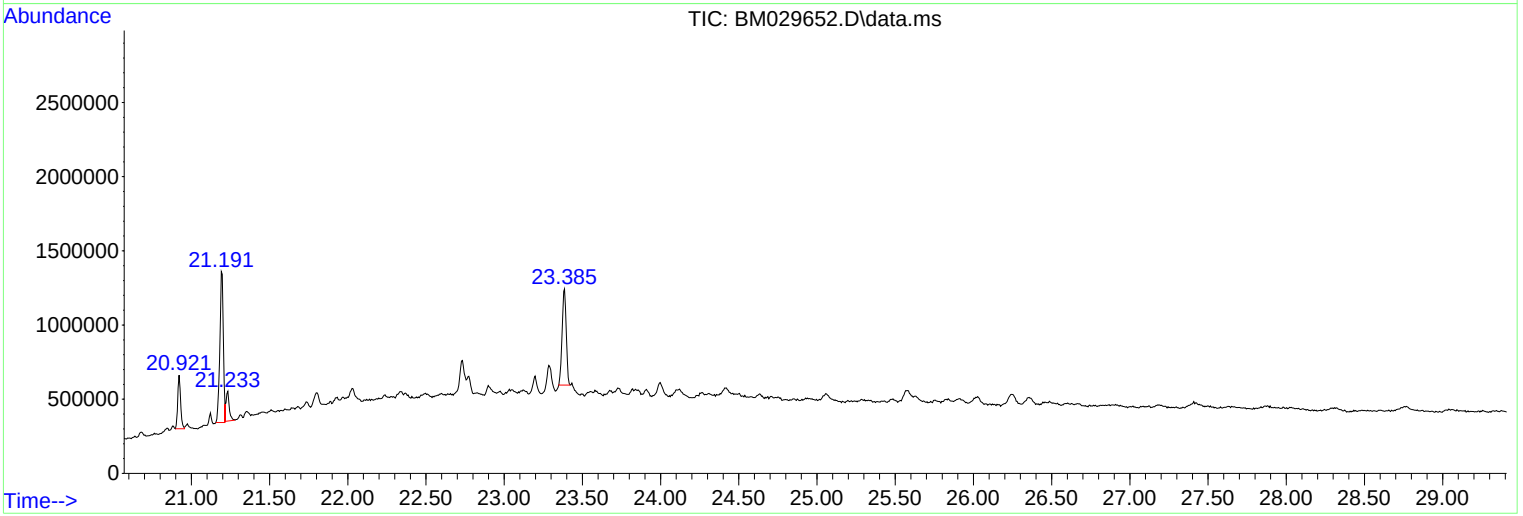
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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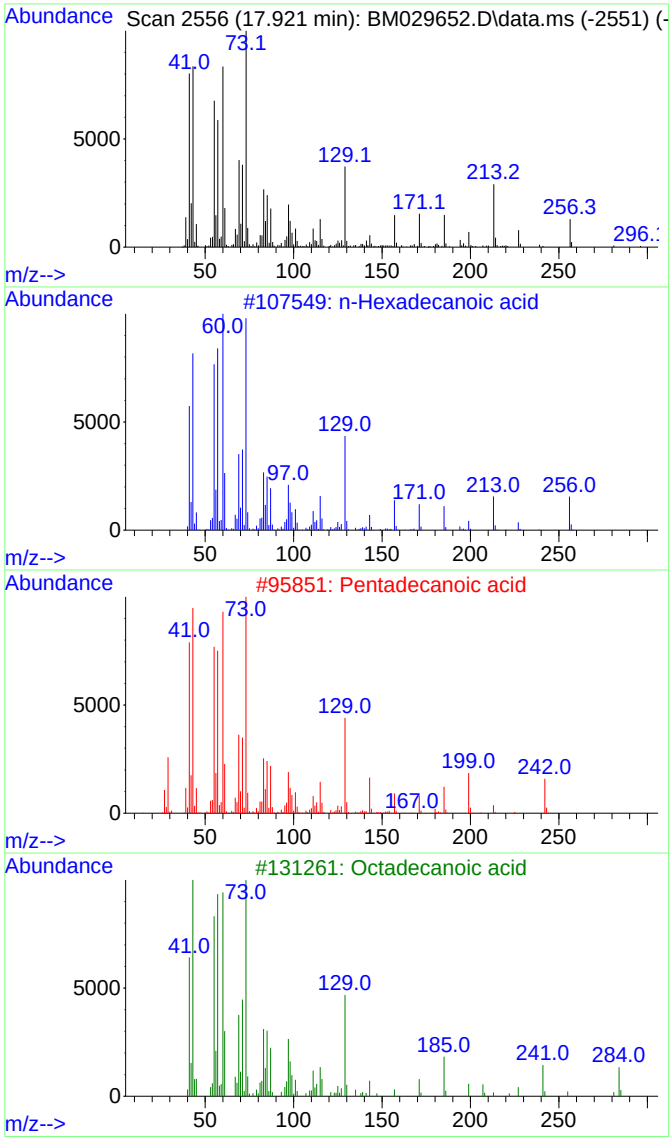
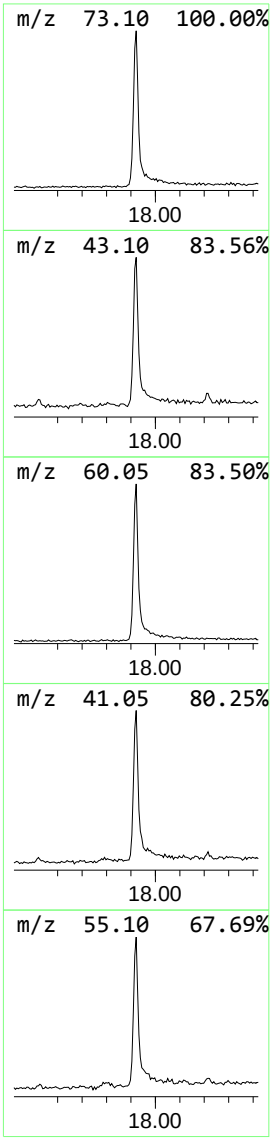
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	9.81 ng	492125	Phenanthrene-d10	17.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38





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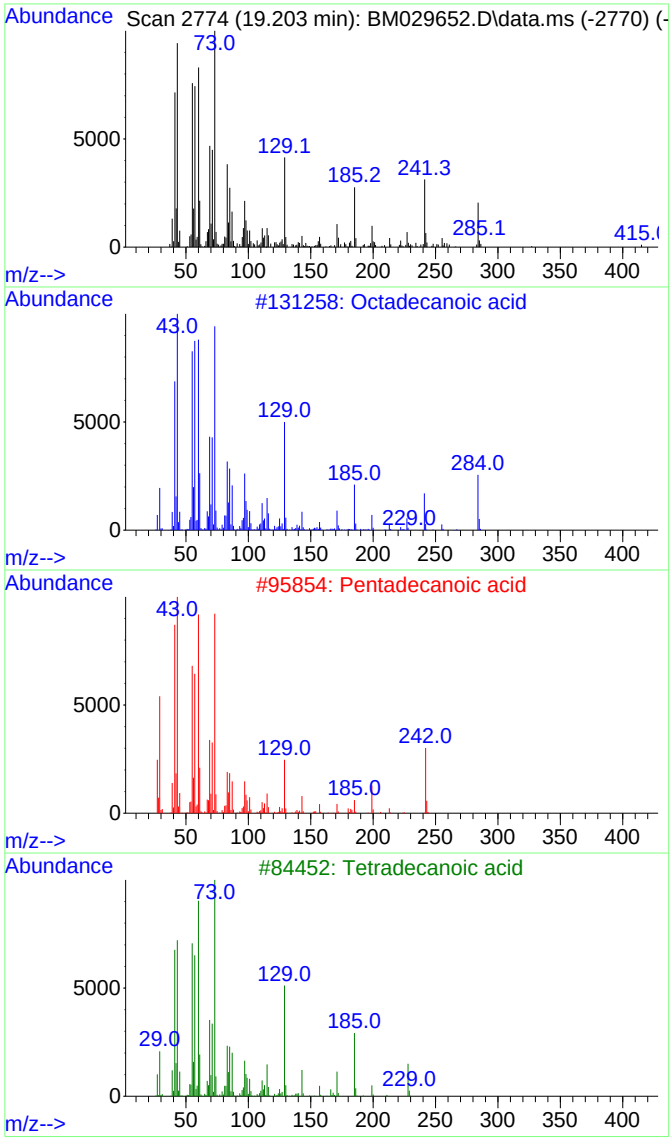
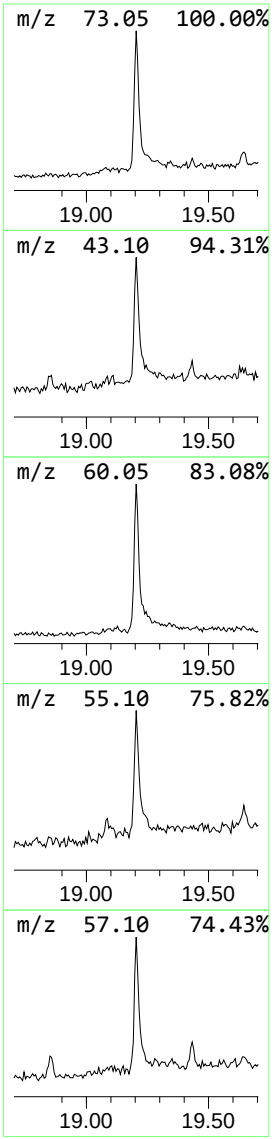
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	2.95 ng	234743	Chrysene-d12	21.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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ClientSampleId : CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
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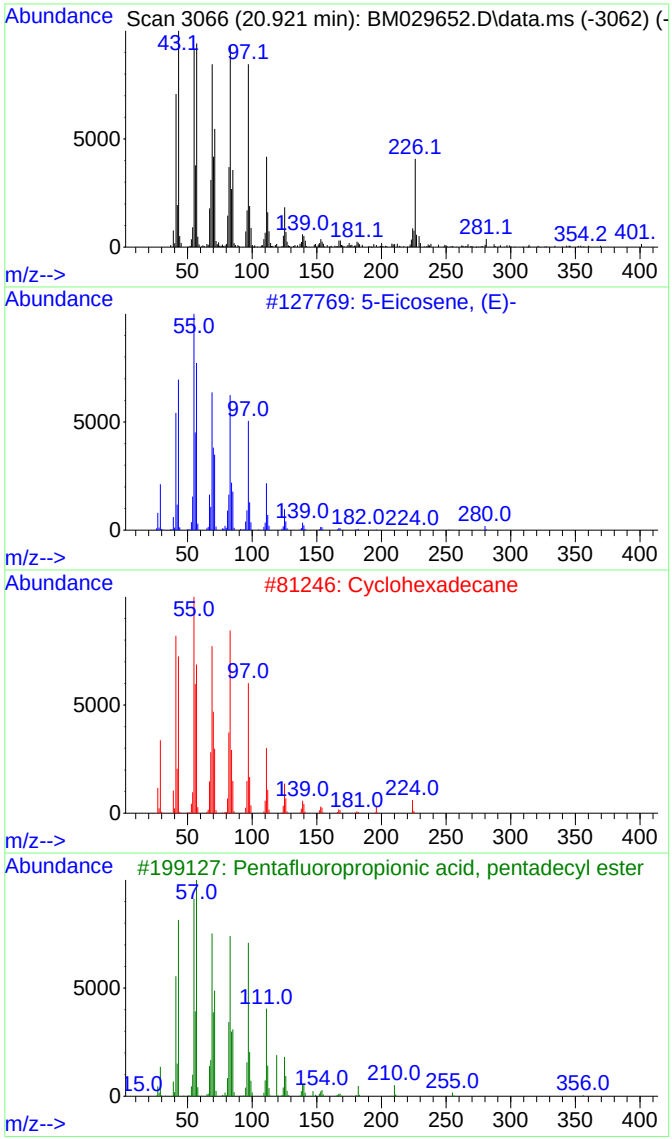
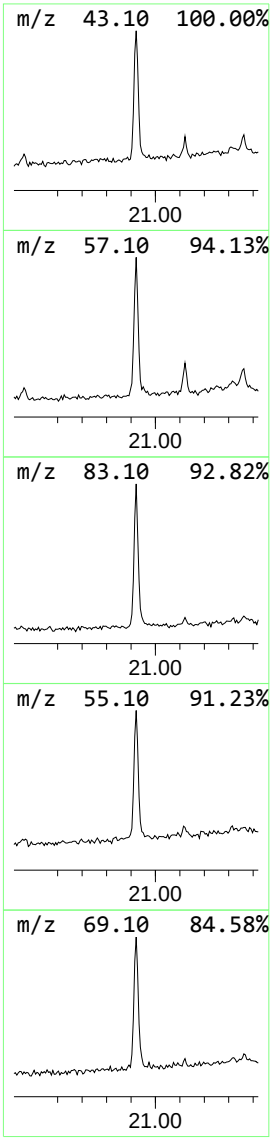
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	5.75 ng	457885	Chrysene-d12	21.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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
n-Hexadecanoic ...	17.921	9.8	ng	492125	4	17.009	1003060	20.0
Octadecanoic acid	19.203	3.0	ng	234743	5	21.197	1593450	20.0
5-Eicosene, (E)-	20.921	5.8	ng	457885	5	21.197	1593450	20.0