

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM025021.D
 Acq On : 22 Feb 2020 11:44
 Operator : CG/JU
 Sample : L1507-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD16

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.940	6	9	18	rVB	67381	87581	1.17%	0.126%
2	3.634	124	127	131	rBV	14040	14736	0.20%	0.021%
3	3.863	162	166	170	rVB5	10890	15184	0.20%	0.022%
4	4.522	275	278	284	rVB2	11291	15688	0.21%	0.023%
5	6.539	614	621	632	rBV	834871	1441596	19.33%	2.069%
6	6.692	641	647	656	rBV	791379	1234299	16.55%	1.771%
7	6.875	672	678	691	rBV	1056204	1654295	22.18%	2.374%
8	7.181	726	730	734	rBV6	5591	9400	0.13%	0.013%
9	7.334	749	756	769	rBV	862773	1337111	17.93%	1.919%
10	7.428	769	772	779	rVB6	10101	15198	0.20%	0.022%
11	7.863	843	846	851	rBV4	4793	7535	0.10%	0.011%
12	8.051	872	878	893	rBV	1075560	1804756	24.20%	2.590%
13	8.475	943	950	960	rBV	905744	1469598	19.70%	2.109%
14	8.969	1027	1034	1041	rBV	32916	46107	0.62%	0.066%
15	9.186	1064	1071	1085	rBV	739841	1288696	17.28%	1.849%
16	9.727	1156	1163	1182	rBV	1231590	2132843	28.60%	3.061%
17	10.086	1217	1224	1240	rBV	1149868	1931105	25.89%	2.771%
18	10.233	1243	1249	1267	rBV	982616	1893658	25.39%	2.718%
19	10.427	1280	1282	1289	rVB7	5412	9773	0.13%	0.014%
20	11.698	1490	1498	1503	rBV2	13244	27346	0.37%	0.039%
21	11.780	1507	1512	1515	rVB4	5223	8456	0.11%	0.012%
22	12.004	1544	1550	1557	rVB7	3789	7970	0.11%	0.011%
23	12.921	1699	1706	1710	rBV4	16559	25022	0.34%	0.036%
24	13.421	1784	1791	1795	rBV	2173965	3018039	40.47%	4.331%
25	13.468	1795	1799	1816	rVB	343535	521532	6.99%	0.748%
26	13.674	1827	1834	1849	rBV	2662611	4053123	54.34%	5.817%
27	13.992	1882	1888	1895	rBV2	1811690	2683794	35.98%	3.851%
28	14.057	1895	1899	1911	rVB2	30350	56770	0.76%	0.081%
29	14.227	1922	1928	1954	rBV	436907	1006286	13.49%	1.444%
30	14.398	1954	1957	1962	rVV	17360	35340	0.47%	0.051%
31	14.445	1962	1965	1969	rVB4	13194	18348	0.25%	0.026%
32	14.845	2030	2033	2037	rBV3	6923	10614	0.14%	0.015%
33	14.910	2041	2044	2047	rBV3	6278	7924	0.11%	0.011%
34	14.998	2052	2059	2066	rBV	3526652	4951775	66.39%	7.106%

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35	15.133	2076	2082	2094	rBV	810092	1173833	15.74%	1.685%
36	15.239	2096	2100	2107	rVB2	42436	65894	0.88%	0.095%
37	15.733	2179	2184	2188	rBV6	8878	10729	0.14%	0.015%
38	15.786	2188	2193	2195	rBV3	13683	17862	0.24%	0.026%
39	16.433	2300	2303	2308	rVB7	6507	10172	0.14%	0.015%
40	16.539	2317	2321	2322	rBV4	8051	10006	0.13%	0.014%
41	16.574	2322	2327	2331	rVB5	11643	21628	0.29%	0.031%
42	16.751	2350	2357	2362	rBV	2283503	3309637	44.38%	4.750%
43	16.786	2362	2363	2367	rVV	103981	118213	1.58%	0.170%
44	16.845	2367	2373	2390	rVV	3786190	5405803	72.48%	7.758%
45	16.974	2393	2395	2399	rVB5	11812	13813	0.19%	0.020%
46	17.139	2418	2423	2425	rBV4	9655	14414	0.19%	0.021%
47	17.180	2428	2430	2435	rVB6	13249	18099	0.24%	0.026%
48	17.568	2491	2496	2501	rBV7	8865	19567	0.26%	0.028%
49	17.627	2502	2506	2511	rBV6	10330	12837	0.17%	0.018%
50	17.692	2512	2517	2526	rBV	228374	406241	5.45%	0.583%
51	17.815	2536	2538	2542	rVB4	13120	13897	0.19%	0.020%
52	17.968	2561	2564	2568	rBV2	18803	30927	0.41%	0.044%
53	18.568	2663	2666	2672	rVB8	17888	27039	0.36%	0.039%
54	18.698	2684	2688	2696	rBV6	21741	46774	0.63%	0.067%
55	18.786	2700	2703	2705	rVV	47747	59761	0.80%	0.086%
56	18.821	2705	2709	2715	rVB	127094	189559	2.54%	0.272%
57	18.992	2734	2738	2743	rBV2	83965	126579	1.70%	0.182%
58	19.039	2743	2746	2751	rVB	44682	64570	0.87%	0.093%
59	19.156	2760	2766	2781	rBV	5201113	7213327	96.72%	10.352%
60	20.727	3029	3033	3040	rVB	811750	1011123	13.56%	1.451%
61	20.962	3068	3073	3096	rVB	3247478	4615633	61.89%	6.624%
62	21.591	3177	3180	3187	rBV4	180158	301467	4.04%	0.433%
63	22.485	3329	3332	3336	rVB2	184816	227973	3.06%	0.327%
64	22.909	3398	3404	3415	rVB	4294356	7458280	100.00%	10.703%
65	23.038	3421	3426	3449	rVB	2720109	4825765	64.70%	6.925%

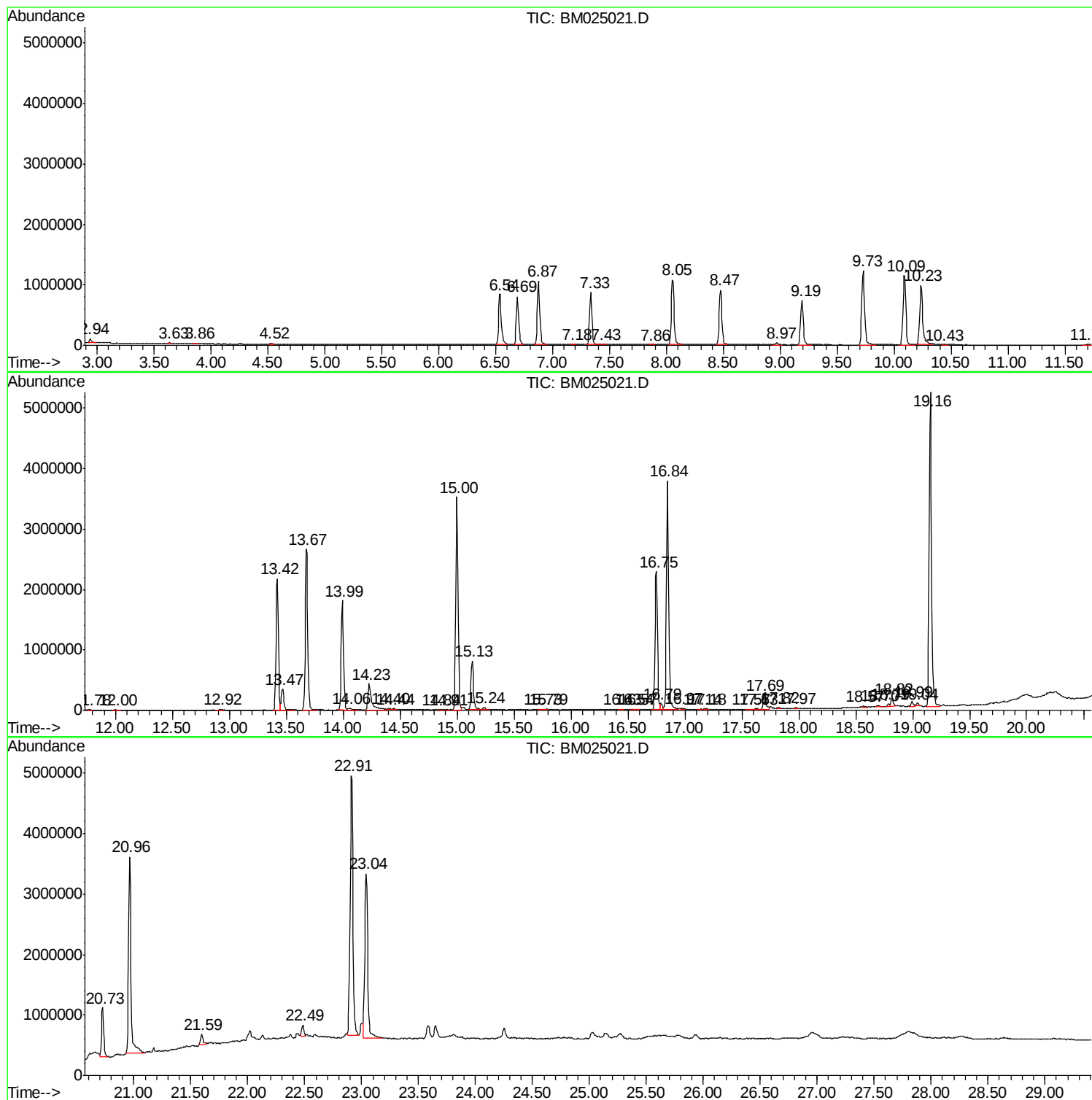
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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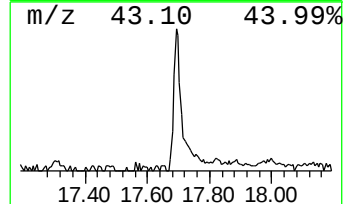
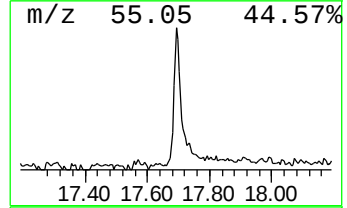
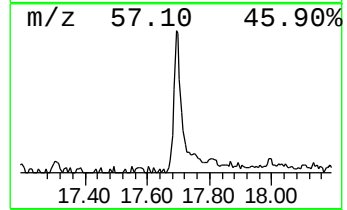
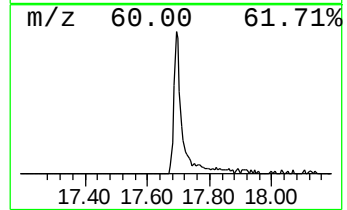
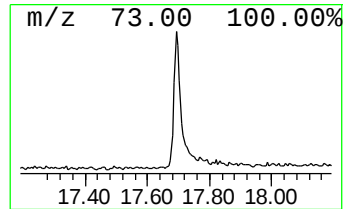
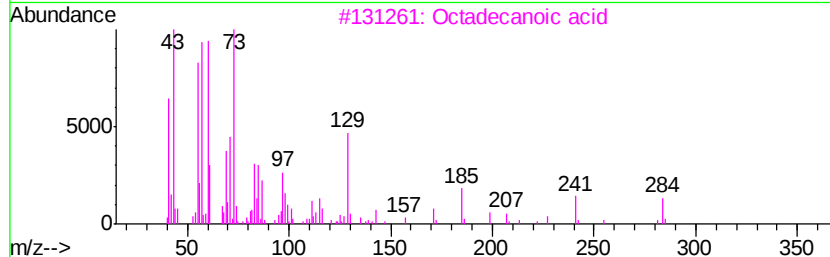
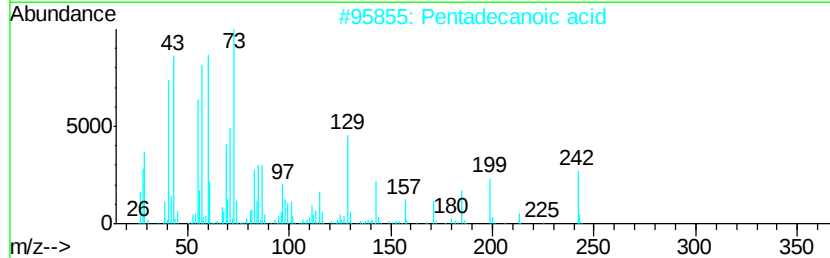
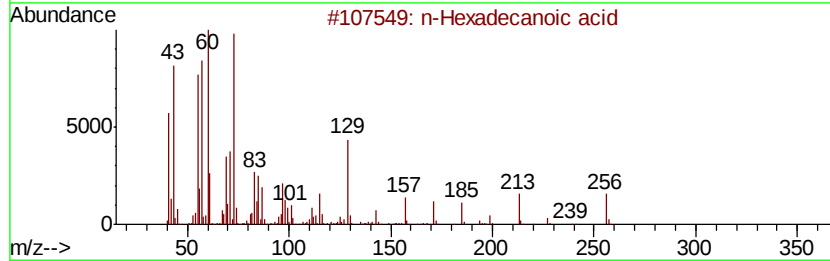
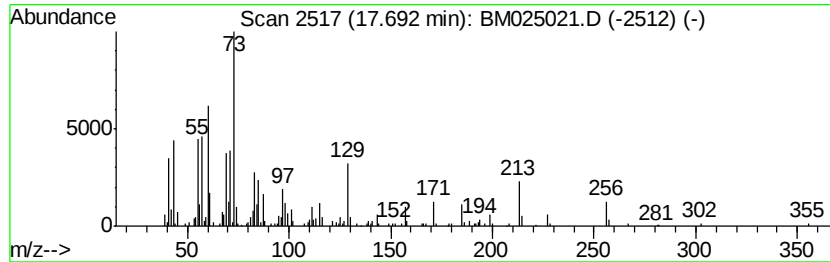
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.45 ng/ul	406241	Phenanthrene-d10	16.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		Octadecanoic acid	284	C18H36O2	000057-11-4	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	46



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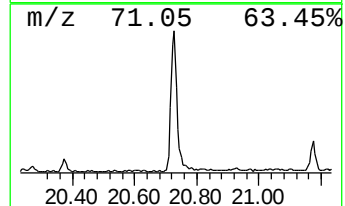
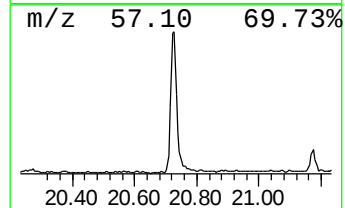
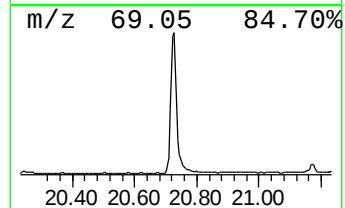
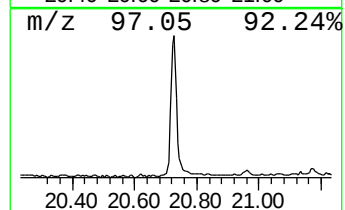
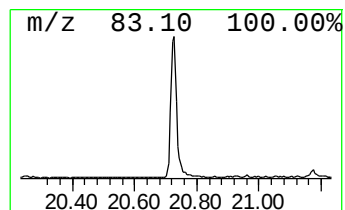
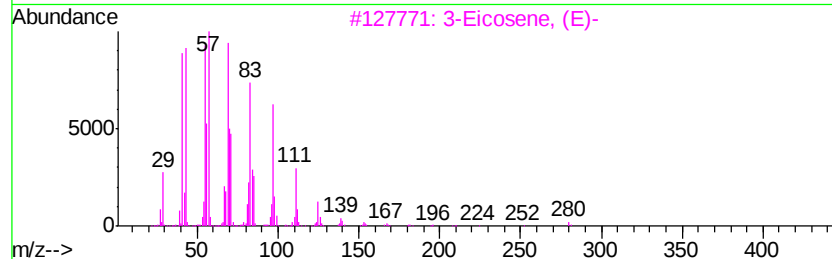
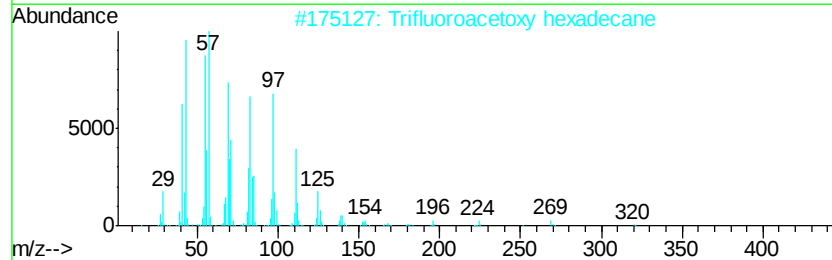
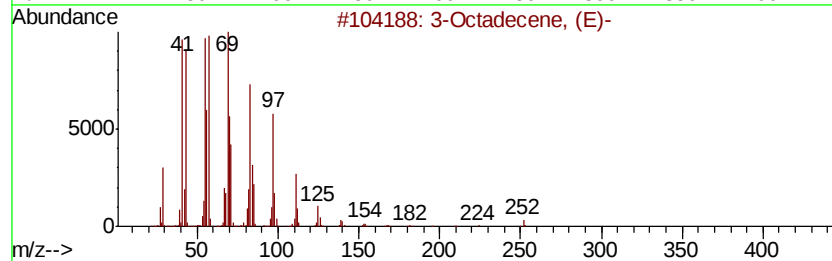
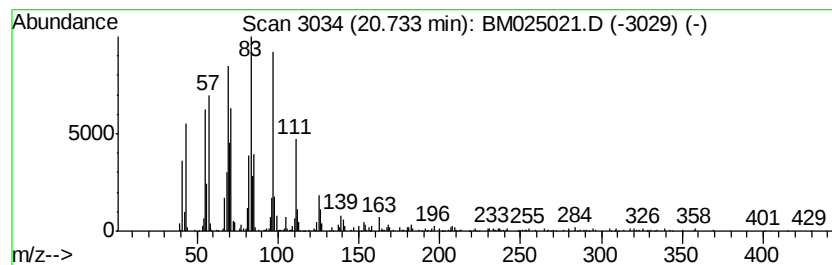
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.73	4.38 ng/ul	1011120	Chrysene-d12	20.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Cyclotetradecane	196	C14H28	000295-17-0	91
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.69	2.5	ng/ul	406241	4	16.75	3309640	20.0
(DEL) Alkane: Str...	20.73	4.4	ng/ul	1011120	5	20.96	4615630	20.0