

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060221\
 Data File : BM030270.D
 Acq On : 02 Jun 2021 21:43
 Operator : CG/JU
 Sample : M2568-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GN1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\SFAM-EPA-BM052621.M
 Title : SVOA CALIBRATION

Signal : TIC: BM030270.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.322	37	40	45	rBV	41206	50591	1.14%	0.117%
2	3.969	146	150	157	rVB	27565	41027	0.93%	0.095%
3	4.063	162	166	172	rVB2	13976	19736	0.45%	0.046%
4	4.163	179	183	187	rVB6	10305	14063	0.32%	0.033%
5	4.504	238	241	247	rVB3	8754	14976	0.34%	0.035%
6	4.981	319	322	332	rVB2	6832	12903	0.29%	0.030%
7	5.157	350	352	357	rVB6	6363	8228	0.19%	0.019%
8	5.881	469	475	478	rBV8	2457	5204	0.12%	0.012%
9	6.251	534	538	545	rVB5	9051	16434	0.37%	0.038%
10	7.010	660	667	678	rBV3	135290	303499	6.85%	0.703%
11	7.187	691	697	712	rBV	652444	1061974	23.96%	2.461%
12	7.387	724	731	741	rBV	562037	918043	20.71%	2.127%
13	7.498	745	750	754	rBV7	4535	8463	0.19%	0.020%
14	7.857	803	811	818	rBV	738147	1185929	26.75%	2.748%
15	7.922	818	822	827	rVB3	6811	10347	0.23%	0.024%
16	8.098	846	852	855	rBV6	7376	12243	0.28%	0.028%
17	8.404	901	904	906	rBV3	4931	5344	0.12%	0.012%
18	8.551	920	929	940	rBV	399498	630657	14.23%	1.461%
19	9.010	999	1007	1015	rBV	751781	1225628	27.65%	2.840%
20	9.187	1030	1037	1043	rVB8	4769	10896	0.25%	0.025%
21	9.439	1074	1080	1085	rBV	19774	28563	0.64%	0.066%
22	9.734	1121	1130	1139	rBV	478192	799442	18.03%	1.852%
23	10.263	1213	1220	1231	rBV	804845	1317596	29.72%	3.053%
24	10.651	1278	1286	1295	rVB	989969	1698049	38.31%	3.935%
25	10.781	1298	1308	1318	rVV	245915	444290	10.02%	1.029%
26	11.316	1393	1399	1402	rVB7	2539	4657	0.11%	0.011%
27	11.933	1499	1504	1509	rVB2	7649	12232	0.28%	0.028%
28	12.233	1550	1555	1560	rVB2	17101	28109	0.63%	0.065%
29	12.839	1655	1658	1665	rBV6	3464	5621	0.13%	0.013%
30	13.104	1696	1703	1708	rVB9	4717	10293	0.23%	0.024%
31	13.310	1735	1738	1742	rVB5	4610	6057	0.14%	0.014%
32	13.380	1745	1750	1754	rBV4	5702	8479	0.19%	0.020%
33	13.451	1757	1762	1765	rBV5	3649	5788	0.13%	0.013%
34	13.886	1830	1836	1841	rBV	1620116	2212212	49.90%	5.126%
35	13.933	1841	1844	1852	rVB	217975	294124	6.64%	0.682%
36	14.174	1878	1885	1893	rBV	1880186	2665986	60.14%	6.177%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BM052621.M
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37	14.386	1916	1921	1924	rVB3	7342	9000	0.20%	0.021%
38	14.480	1930	1937	1948	rBV	1542204	2230179	50.31%	5.168%
39	14.657	1959	1967	1976	rBV	86255	139520	3.15%	0.323%
40	14.892	2002	2007	2009	rBV6	4358	6342	0.14%	0.015%
41	15.280	2069	2073	2078	rBV6	4928	10430	0.24%	0.024%
42	15.333	2078	2082	2085	rVB3	5921	8237	0.19%	0.019%
43	15.468	2098	2105	2114	rBV	2503236	3521801	79.45%	8.161%
44	15.580	2118	2124	2134	rBV	592624	809550	18.26%	1.876%
45	15.710	2142	2146	2150	rBV2	28653	39757	0.90%	0.092%
46	15.886	2172	2176	2180	rBV7	2775	5396	0.12%	0.013%
47	16.186	2224	2227	2231	rVB6	4739	6616	0.15%	0.015%
48	16.257	2234	2239	2244	rVB5	9712	15593	0.35%	0.036%
49	16.345	2251	2254	2261	rBV8	3975	8675	0.20%	0.020%
50	16.898	2343	2348	2354	rVB6	4931	7416	0.17%	0.017%
51	17.004	2358	2366	2372	rVV4	7252	16054	0.36%	0.037%
52	17.215	2393	2402	2410	rBV	1719302	2408557	54.33%	5.581%
53	17.315	2412	2419	2431	rBV	2653956	3949979	89.11%	9.153%
54	17.709	2483	2486	2489	rBV5	3662	5587	0.13%	0.013%
55	17.880	2512	2515	2519	rVB6	6794	8028	0.18%	0.019%
56	18.098	2547	2552	2561	rBV	213083	308842	6.97%	0.716%
57	19.233	2741	2745	2754	rBV	38109	67784	1.53%	0.157%
58	19.374	2765	2769	2775	rBV4	47188	72895	1.64%	0.169%
59	19.486	2784	2788	2791	rBV2	21969	29656	0.67%	0.069%
60	19.598	2801	2807	2819	rBV	3370109	4432866	100.00%	10.272%
61	21.080	3055	3059	3069	rBV	510977	741982	16.74%	1.719%
62	21.374	3104	3109	3114	rBV	1969697	2425134	54.71%	5.619%
63	23.515	3466	3473	3484	rBV2	2185313	4278305	96.51%	9.913%
64	23.662	3491	3498	3508	rVB2	1278581	2494545	56.27%	5.780%

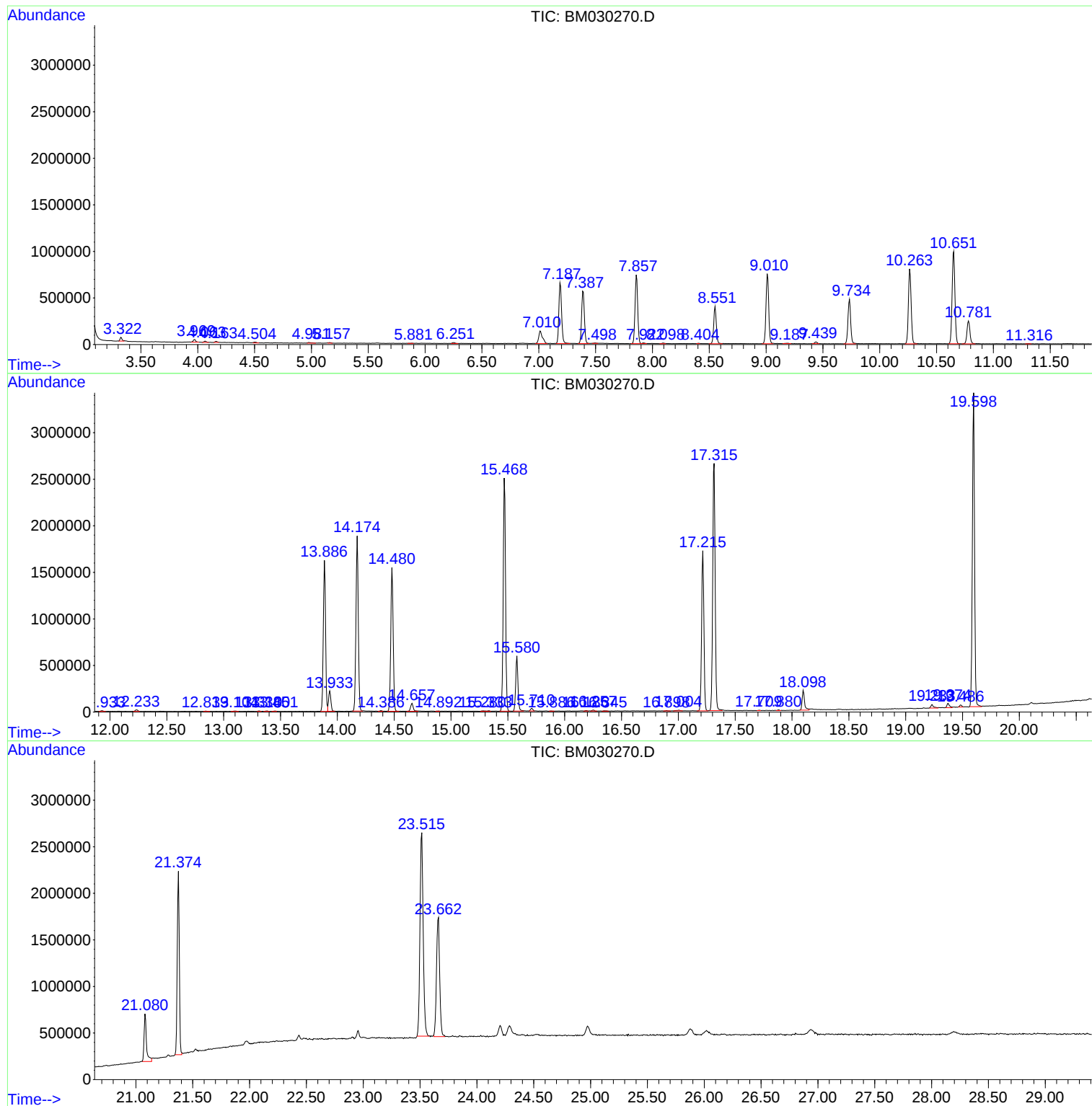
Sum of corrected areas: 43156409

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

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



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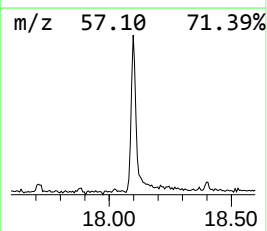
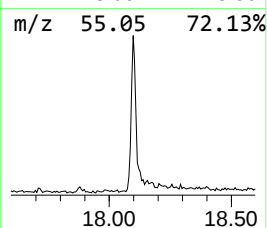
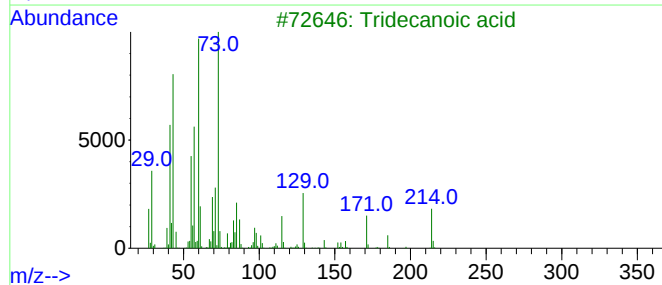
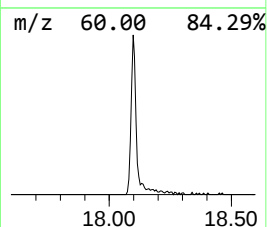
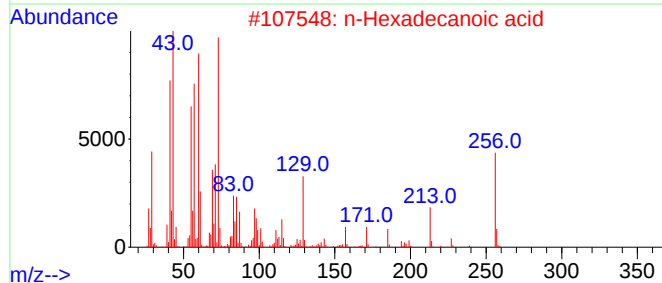
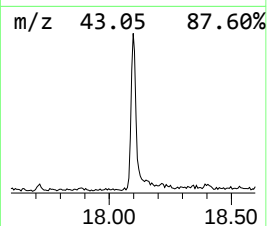
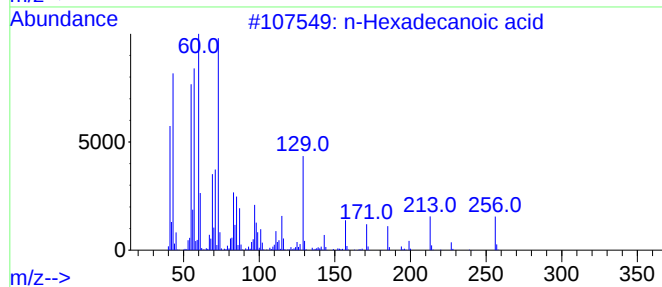
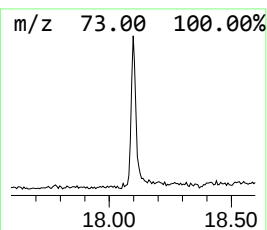
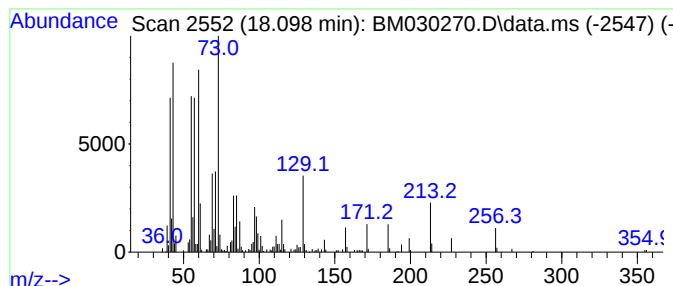
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	2.56 ng/ul	308842	Phenanthrene-d10	17.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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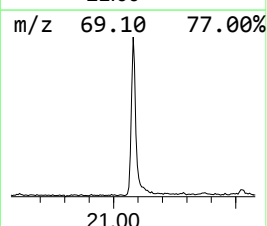
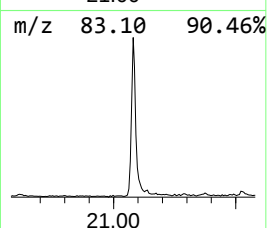
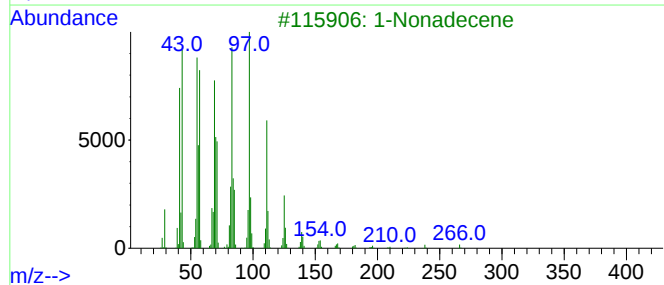
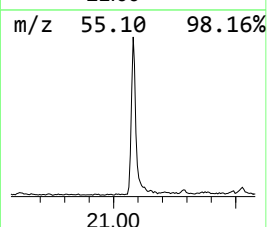
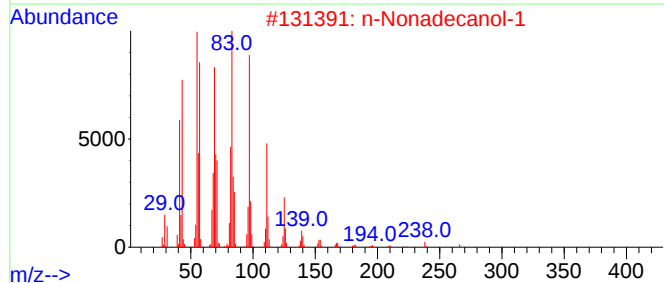
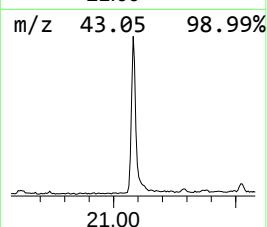
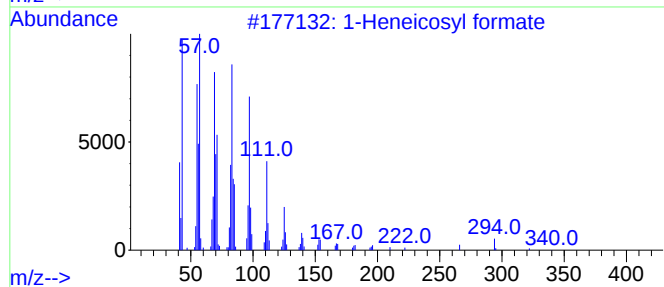
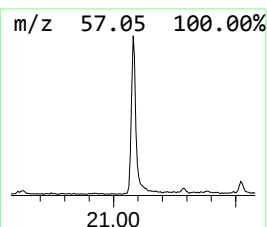
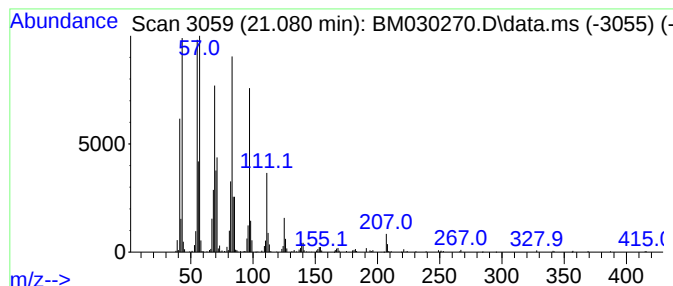
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	6.12 ng/ul	741982	Chrysene-d12	21.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate			340	C22H44O2	077899-03-7	91
2	n-Nonadecanol-1			284	C19H40O	001454-84-8	91
3	1-Nonadecene			266	C19H38	018435-45-5	91
4	1-Heneicosanol			312	C21H44O	015594-90-8	91
5	Behenic alcohol			326	C22H46O	000661-19-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.100	2.6	ng/ul	308842	4	17.215	2408560	20.0
1-Heneicosyl fo...	21.080	6.1	ng/ul	741982	5	21.374	2425130	20.0