

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011540.D
 Acq On : 21 Aug 2020 01:02
 Operator : CG/JU
 Sample : L3708-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFW5

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_N\METHODS\SOM-EPA-BN081420MA.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	3.111	18	21	29	rVB	31993	45803	1.24%	0.134%
2	3.705	118	122	126	rVB4	8586	12601	0.34%	0.037%
3	3.781	132	135	140	rVB4	6411	9190	0.25%	0.027%
4	3.987	166	170	172	rBV4	3168	3942	0.11%	0.012%
5	6.628	613	619	628	rBV	94835	159165	4.31%	0.465%
6	6.781	640	645	660	rBV	362914	587591	15.92%	1.715%
7	6.969	670	677	688	rBV	450052	724827	19.63%	2.115%
8	7.422	747	754	766	rVB	629976	976325	26.44%	2.849%
9	8.134	867	875	884	rBV	314804	496589	13.45%	1.449%
10	8.557	941	947	959	rBV	444571	755293	20.46%	2.204%
11	8.710	967	973	978	rBV5	3876	7776	0.21%	0.023%
12	9.004	1018	1023	1029	rBV3	13202	22273	0.60%	0.065%
13	9.269	1061	1068	1077	rBV	419812	672378	18.21%	1.962%
14	9.798	1152	1158	1178	rBV	588308	1057180	28.63%	3.085%
15	10.163	1212	1220	1228	rBV	772491	1309590	35.47%	3.822%
16	10.334	1242	1249	1257	rBV2	27399	55859	1.51%	0.163%
17	11.487	1440	1445	1448	rBV2	15017	20888	0.57%	0.061%
18	11.769	1489	1493	1494	rBV2	5358	6114	0.17%	0.018%
19	13.481	1778	1784	1789	rBV	1281631	1763375	47.76%	5.146%
20	13.528	1789	1792	1801	rVB	226467	312033	8.45%	0.911%
21	13.739	1822	1828	1839	rBV	1408786	2025993	54.88%	5.913%
22	14.057	1874	1882	1890	rBV	1230604	1795276	48.63%	5.239%
23	14.116	1890	1892	1898	rVB5	11152	13596	0.37%	0.040%
24	14.292	1917	1922	1933	rBV2	48988	108505	2.94%	0.317%
25	14.463	1947	1951	1956	rVB2	8917	12244	0.33%	0.036%
26	14.516	1958	1960	1966	rVV4	12630	16304	0.44%	0.048%
27	14.586	1968	1972	1975	rVB2	3861	5116	0.14%	0.015%
28	14.951	2031	2034	2039	rBV4	3165	4101	0.11%	0.012%
29	15.057	2046	2052	2059	rBV	1915290	2668137	72.27%	7.787%
30	15.116	2059	2062	2066	rVV3	17234	23387	0.63%	0.068%
31	15.192	2070	2075	2087	rVV	485681	712890	19.31%	2.081%
32	15.304	2089	2094	2099	rVB3	16901	23775	0.64%	0.069%
33	15.798	2173	2178	2181	rBV2	2668	5107	0.14%	0.015%
34	15.851	2184	2187	2192	rVB2	6639	7818	0.21%	0.023%

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35	16.016	2211	2215	2218	rVV2	8984	12720	0.34%	0.037%
36	16.063	2218	2223	2227	rVV2	26654	40204	1.09%	0.117%
37	16.110	2227	2231	2240	rVB6	13529	20707	0.56%	0.060%
38	16.263	2254	2257	2265	rVB6	8060	11013	0.30%	0.032%
39	16.616	2311	2317	2323	rBV5	28150	44699	1.21%	0.130%
40	16.810	2344	2350	2356	rBV	1517796	2097946	56.82%	6.123%
41	16.910	2361	2367	2382	rVV	2167984	3008208	81.48%	8.779%
42	17.233	2418	2422	2425	rBV3	5748	7838	0.21%	0.023%
43	17.339	2436	2440	2444	rBV4	3363	5114	0.14%	0.015%
44	17.751	2504	2510	2527	rBV	211354	373572	10.12%	1.090%
45	18.039	2556	2559	2560	rBV3	4395	5787	0.16%	0.017%
46	18.304	2603	2604	2608	rBV4	4705	5116	0.14%	0.015%
47	18.345	2608	2611	2613	rVV4	3647	4384	0.12%	0.013%
48	18.369	2613	2615	2619	rVV4	3615	4429	0.12%	0.013%
49	18.463	2629	2631	2634	rBV3	4298	4944	0.13%	0.014%
50	18.851	2693	2697	2701	rBV	23654	29892	0.81%	0.087%
51	18.945	2711	2713	2716	rVB3	4364	4385	0.12%	0.013%
52	18.974	2716	2718	2719	rBV2	6331	3699	0.10%	0.011%
53	18.992	2719	2721	2724	rBV3	4628	5569	0.15%	0.016%
54	19.039	2726	2729	2734	rVV	39111	56504	1.53%	0.165%
55	19.104	2736	2740	2746	rVB2	23444	35478	0.96%	0.104%
56	19.221	2751	2760	2768	rBV	2725828	3691998	100.00%	10.775%
57	19.445	2795	2798	2800	rBV4	6816	9361	0.25%	0.027%
58	19.474	2801	2803	2805	rVV3	6016	5769	0.16%	0.017%
59	19.780	2853	2855	2858	rBV4	11414	14244	0.39%	0.042%
60	20.774	3021	3024	3030	rBV2	262272	319538	8.65%	0.933%
61	20.833	3030	3034	3042	rVB	92561	113583	3.08%	0.331%
62	21.027	3062	3067	3074	rBV	1924794	2405366	65.15%	7.020%
63	23.004	3397	3403	3410	rBV	1998378	3308721	89.62%	9.656%
64	23.133	3419	3425	3433	rVB2	1327018	2193138	59.40%	6.401%

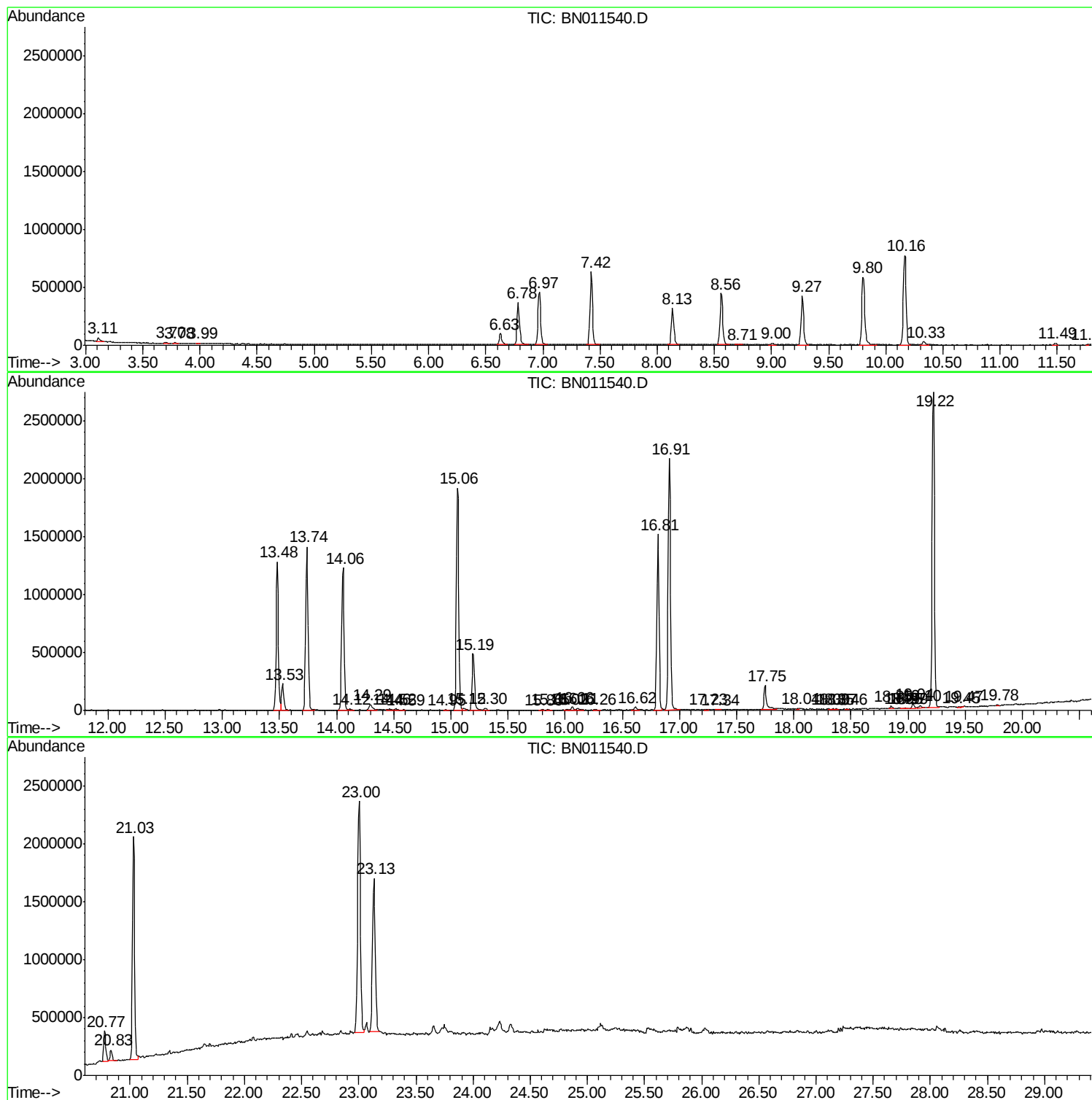
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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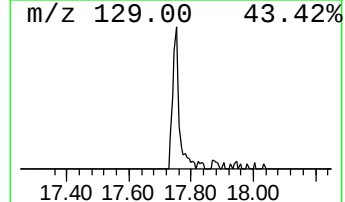
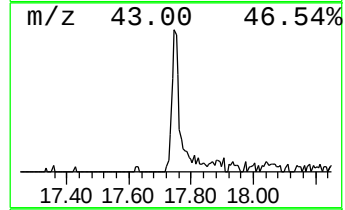
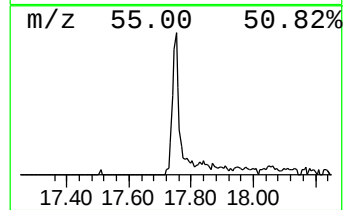
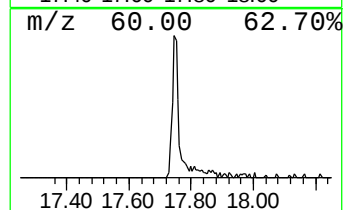
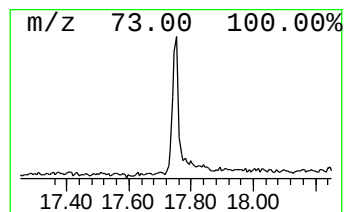
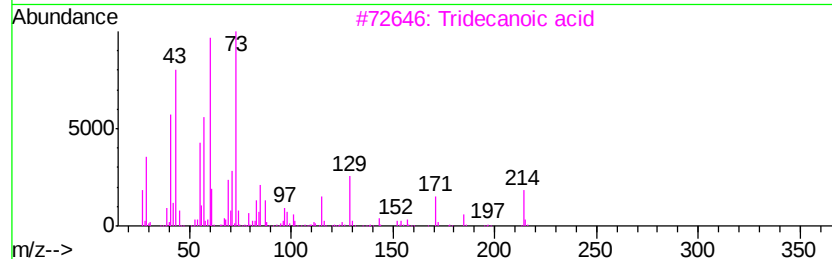
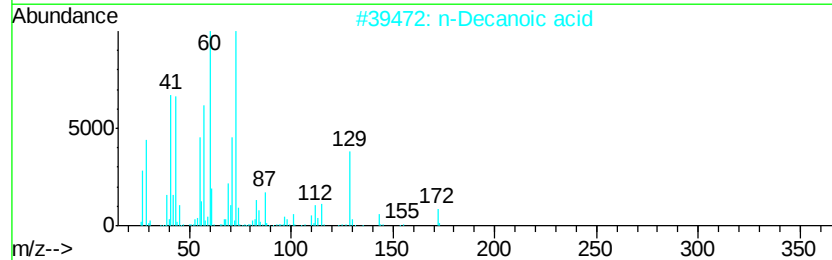
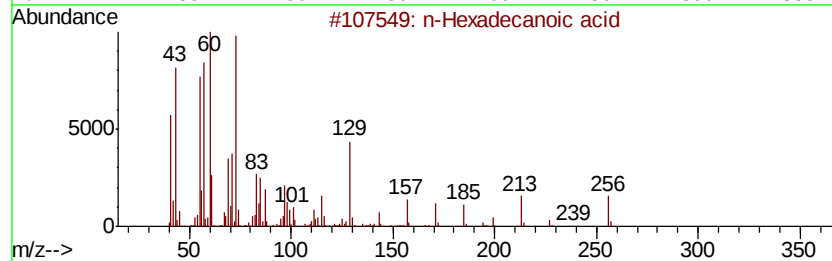
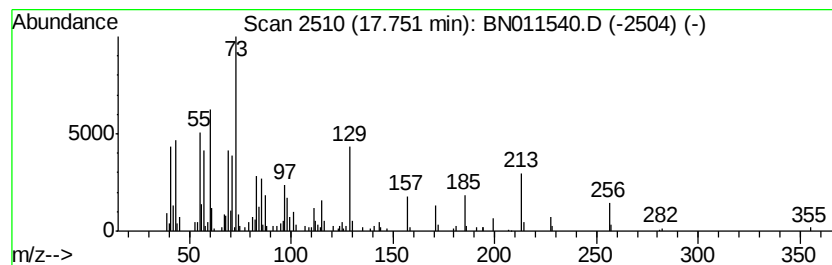
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.75	3.56 ng/ul	373572	Phenanthrene-d10		16.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2			n-Decanoic acid	172	C10H20O2	000334-48-5	64
3			Tridecanoic acid	214	C13H26O2	000638-53-9	58
4			n-Decanoic acid	172	C10H20O2	000334-48-5	55
5			Undecanoic acid	186	C11H22O2	000112-37-8	50



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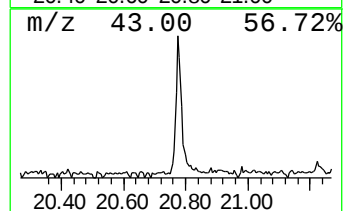
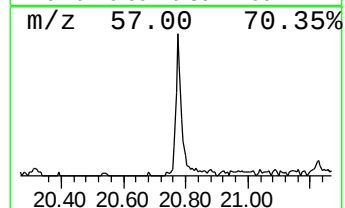
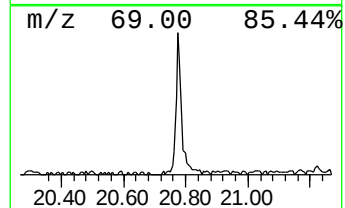
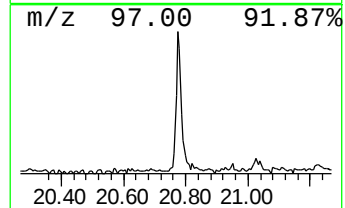
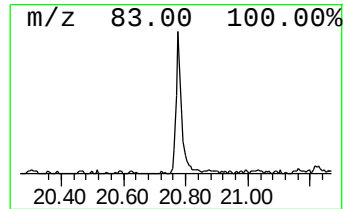
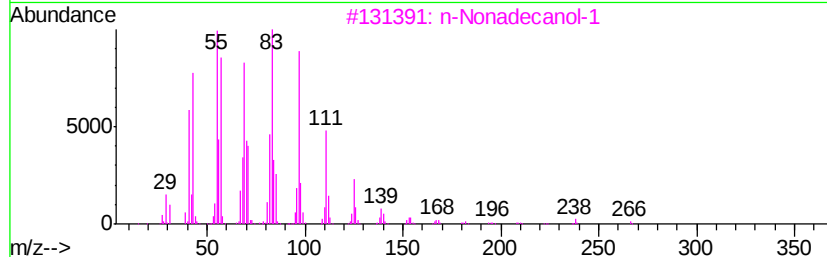
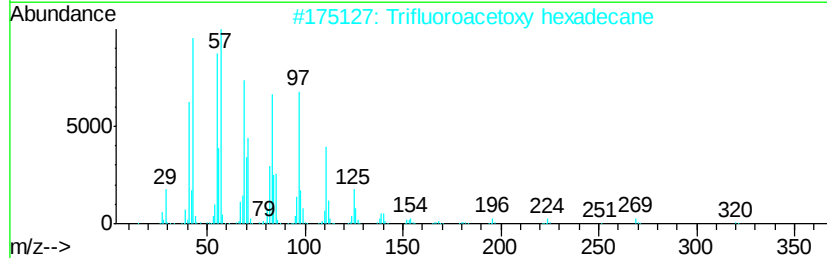
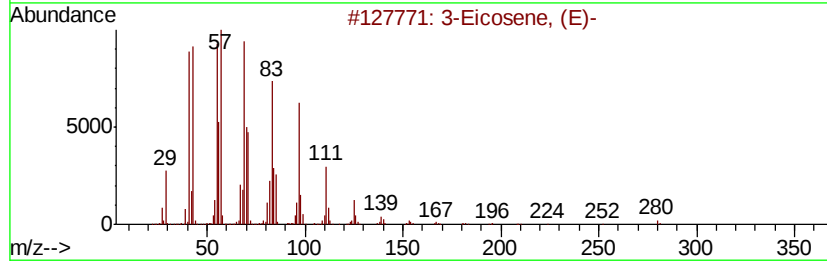
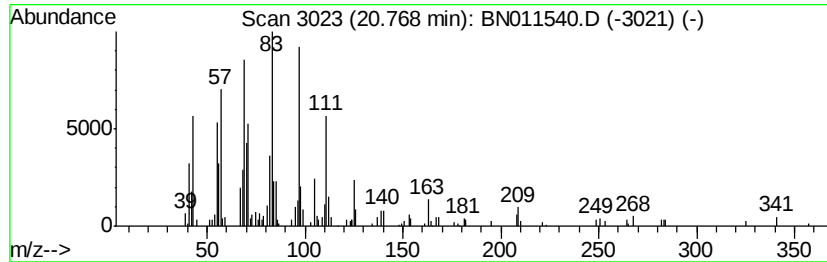
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.66 ng/ul	319538	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4		1-Hexadecanol	242	C16H34O	036653-82-4	87
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.75	3.6	ng/ul	373572	4	16.81	2097950	20.0
(DEL) Alkane: Str...	20.77	2.7	ng/ul	319538	5	21.03	2405370	20.0