

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027249.D
 Acq On : 26 Aug 2020 15:24
 Operator : JU/CG
 Sample : L3613-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFR2

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-BM082520MA.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	3.157	25	29	36	rVB	38685	54651	1.12%	0.105%
2	3.563	95	98	102	rVB3	7754	9520	0.19%	0.018%
3	3.657	109	114	120	rVB	28944	40189	0.82%	0.077%
4	3.722	123	125	129	rVV4	5645	6226	0.13%	0.012%
5	3.787	131	136	141	rVB	28071	44867	0.92%	0.086%
6	3.869	146	150	157	rBV2	9553	13693	0.28%	0.026%
7	4.087	183	187	192	rBV	45601	58161	1.19%	0.112%
8	4.487	250	255	261	rBV	27407	37162	0.76%	0.072%
9	4.757	297	301	310	rVB	25902	40835	0.83%	0.079%
10	4.857	315	318	320	rBV3	5457	5160	0.11%	0.010%
11	6.781	638	645	656	rBV	780761	1245445	25.45%	2.398%
12	6.940	665	672	689	rVB	642613	992294	20.28%	1.910%
13	7.134	698	705	715	rBV	863130	1319535	26.96%	2.541%
14	7.216	715	719	727	rBV2	32003	63611	1.30%	0.122%
15	7.410	751	752	762	rVB5	3203	5394	0.11%	0.010%
16	7.592	777	783	792	rBV	699408	1103300	22.55%	2.124%
17	7.669	792	796	801	rVB5	3271	5268	0.11%	0.010%
18	8.304	895	904	917	rBV	831107	1323538	27.05%	2.548%
19	8.410	918	922	928	rVB4	7525	11434	0.23%	0.022%
20	8.739	969	978	989	rBV	805904	1319961	26.97%	2.541%
21	9.457	1092	1100	1112	rBV	701378	1146506	23.43%	2.207%
22	9.992	1183	1191	1201	rBV	1061239	1721608	35.18%	3.315%
23	10.363	1247	1254	1262	rBV	952254	1582802	32.34%	3.047%
24	10.498	1270	1277	1292	rBV	897367	1511707	30.89%	2.911%
25	11.963	1522	1526	1532	rVB3	14484	25176	0.51%	0.048%
26	12.851	1673	1677	1684	rVB7	3737	7189	0.15%	0.014%
27	13.151	1724	1728	1734	rVB6	8278	14030	0.29%	0.027%
28	13.651	1807	1813	1818	rBV	1903215	2618866	53.52%	5.042%
29	13.698	1818	1821	1828	rVB	419272	528673	10.80%	1.018%
30	13.921	1852	1859	1868	rBV	2012951	2920758	59.69%	5.623%
31	14.233	1906	1912	1923	rVV	1560896	2290714	46.81%	4.410%
32	14.439	1941	1947	1963	rBV	792451	1229860	25.13%	2.368%
33	14.604	1970	1975	1978	rVV5	3455	6217	0.13%	0.012%
34	14.674	1982	1987	1994	rVB10	6045	13111	0.27%	0.025%

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35	15.068	2048	2054	2058	rBV6	5829	8441	0.17%	0.016%
36	15.233	2075	2082	2090	rBV	2660890	3726797	76.16%	7.175%
37	15.357	2097	2103	2113	rBV	808326	1128874	23.07%	2.173%
38	15.468	2117	2122	2127	rVB2	28437	44555	0.91%	0.086%
39	16.015	2212	2215	2221	rVB5	10205	12481	0.26%	0.024%
40	16.145	2232	2237	2242	rVB6	2543	5876	0.12%	0.011%
41	16.533	2299	2303	2310	rBV2	40184	55822	1.14%	0.107%
42	16.662	2323	2325	2330	rBV5	6643	6795	0.14%	0.013%
43	16.768	2338	2343	2347	rBV2	10314	17102	0.35%	0.033%
44	16.980	2372	2379	2385	rBV	2037397	2797676	57.17%	5.386%
45	17.021	2385	2386	2390	rVV	9690	7477	0.15%	0.014%
46	17.080	2390	2396	2407	rVV	2825964	3817831	78.02%	7.351%
47	17.345	2435	2441	2445	rBV6	8445	15522	0.32%	0.030%
48	17.668	2491	2496	2499	rBV7	2908	6190	0.13%	0.012%
49	17.904	2531	2536	2544	rBV	258513	372149	7.60%	0.717%
50	18.209	2583	2588	2595	rBV6	16885	38022	0.78%	0.073%
51	18.351	2610	2612	2613	rBV2	6219	5220	0.11%	0.010%
52	18.715	2670	2674	2676	rBV4	6155	8667	0.18%	0.017%
53	18.780	2681	2685	2692	rVV10	16520	29440	0.60%	0.057%
54	19.015	2720	2725	2727	rBV	36744	47100	0.96%	0.091%
55	19.045	2727	2730	2739	rVB	56825	81861	1.67%	0.158%
56	19.192	2751	2755	2762	rBV	74899	113524	2.32%	0.219%
57	19.268	2763	2768	2774	rVB	30530	49152	1.00%	0.095%
58	19.380	2781	2787	2799	rVB	3634589	4893587	100.00%	9.422%
59	20.921	3044	3049	3058	rBV	666585	925189	18.91%	1.781%
60	21.180	3088	3093	3104	rBV	2781086	3402175	69.52%	6.550%
61	21.262	3105	3107	3112	rVB6	52452	61517	1.26%	0.118%
62	21.803	3195	3199	3206	rBV	247483	334159	6.83%	0.643%
63	23.227	3434	3441	3448	rBV	2329006	3897041	79.64%	7.503%
64	23.362	3458	3464	3475	rVB	1493359	2711846	55.42%	5.221%

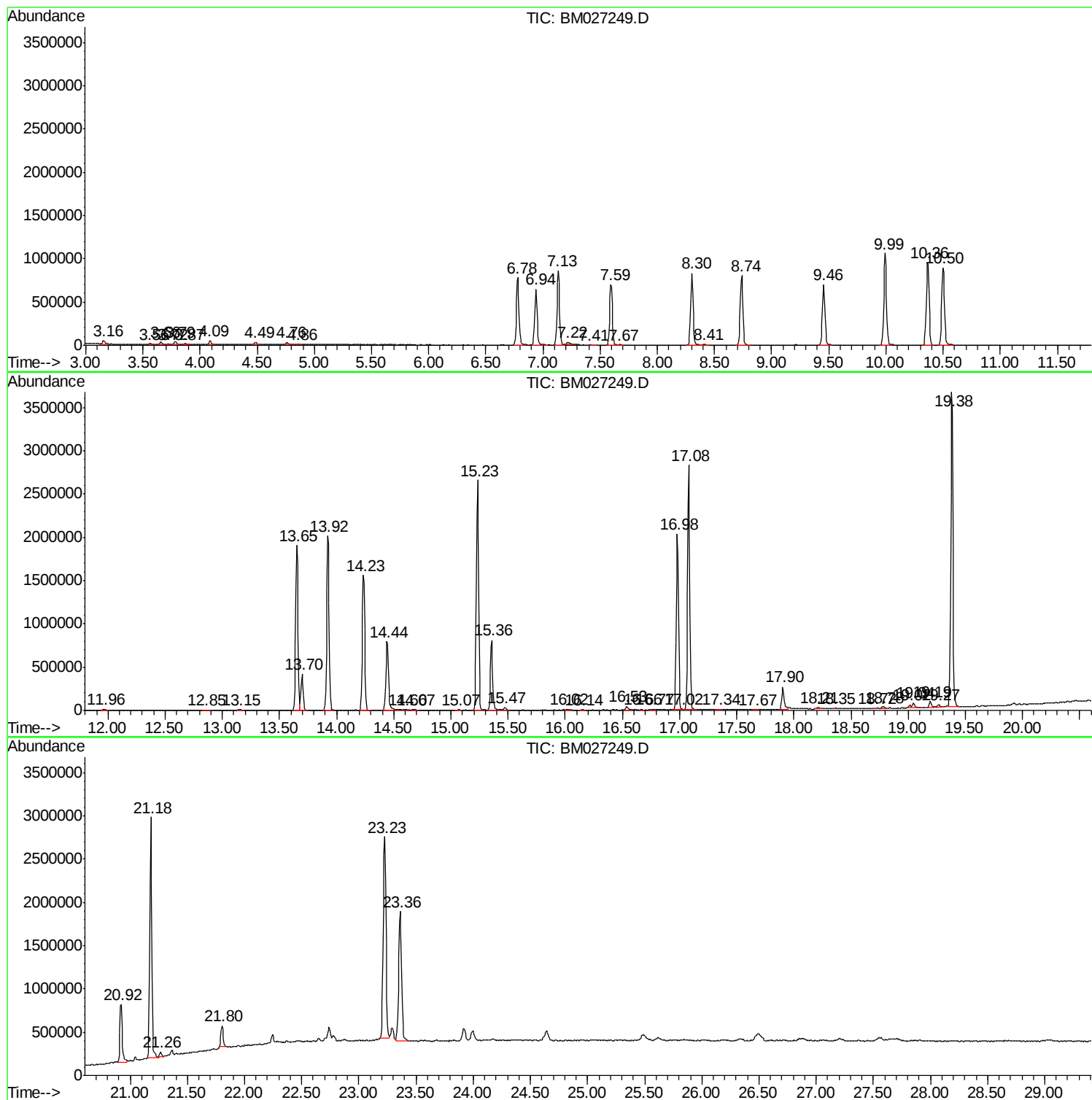
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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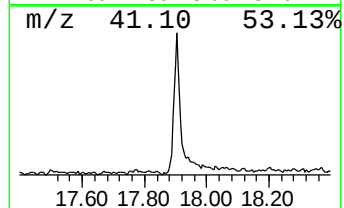
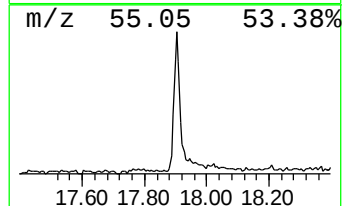
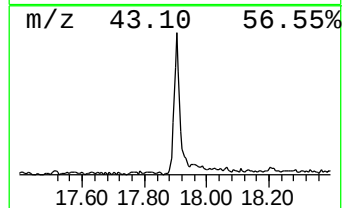
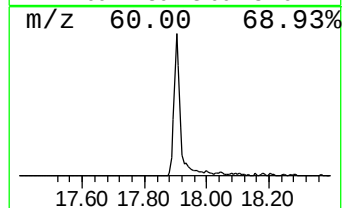
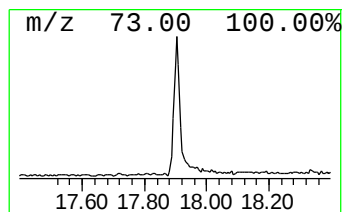
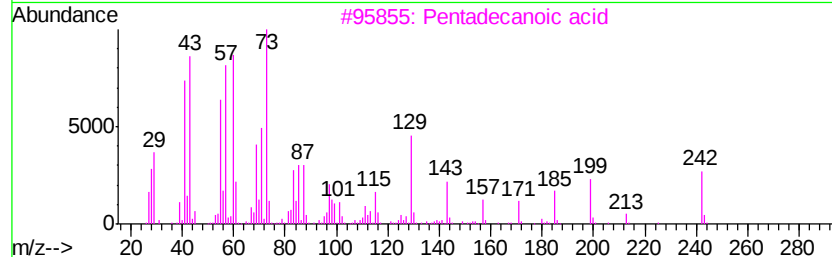
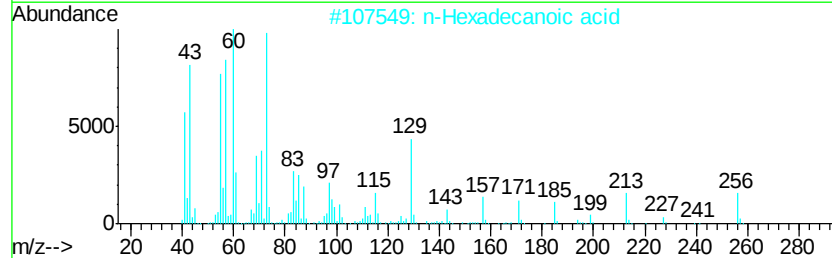
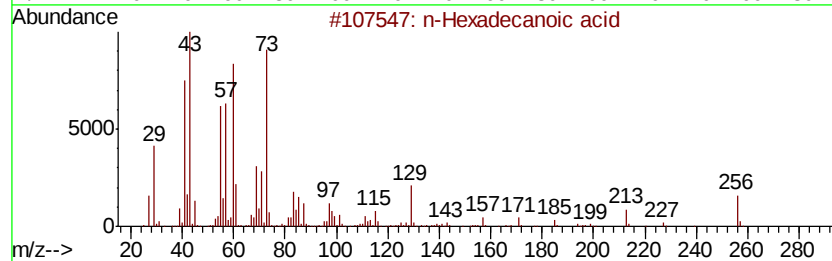
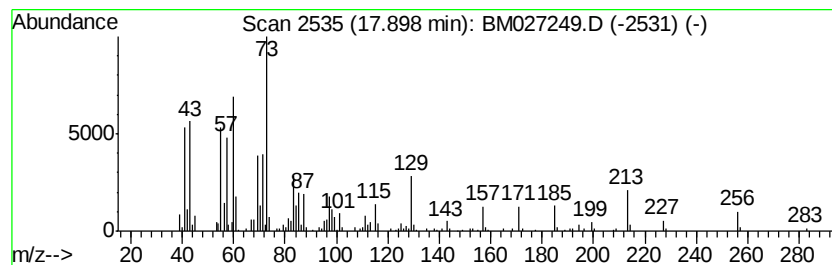
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.66 ng/ul	372149	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242 C15H30O2	001002-84-2	68
4	Tridecanoic acid	214 C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	64



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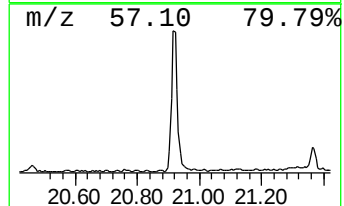
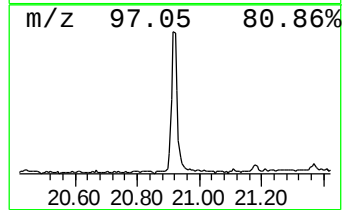
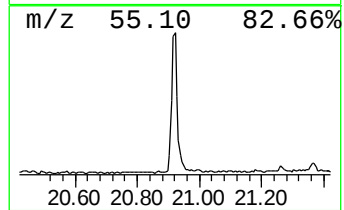
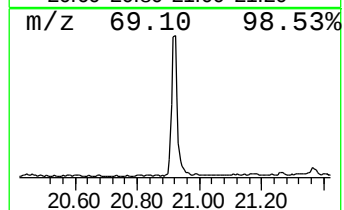
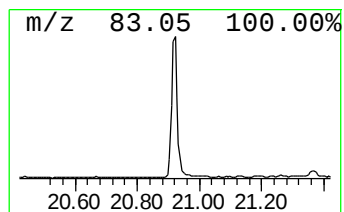
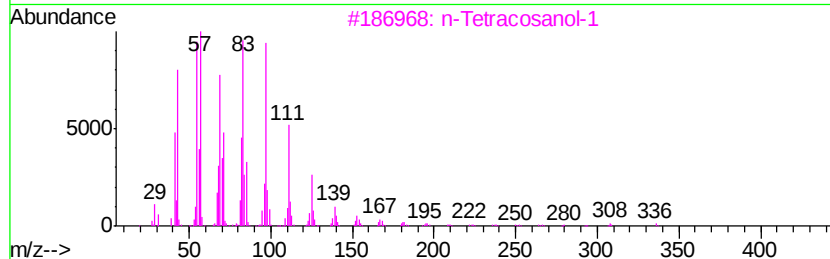
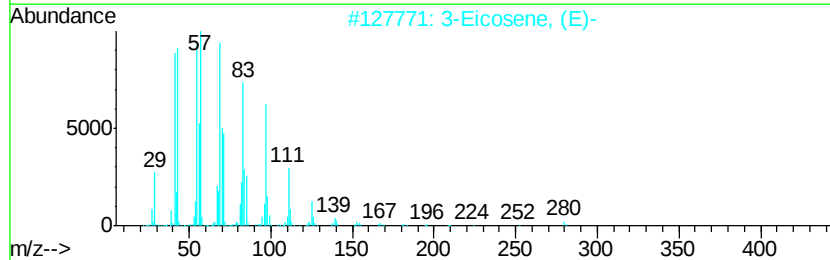
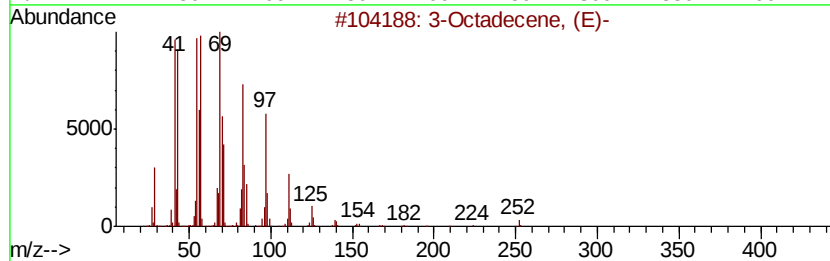
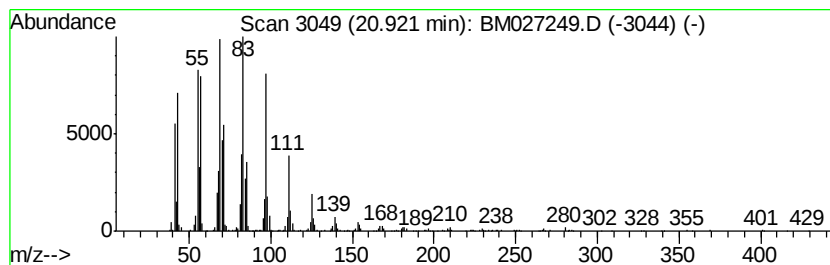
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.44 ng/ul	925189	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	89
4		Behenic alcohol	326	C22H46O	000661-19-8	89
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	2.7	ng/ul	372149	4	16.98	2797680	20.0
(DEL) Alkane: Str...	20.92	5.4	ng/ul	925189	5	21.18	3402180	20.0