

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
 Data File : BM026331.D
 Acq On : 10 Jun 2020 15:48
 Operator : JU/CG
 Sample : L2933-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

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-BM051320MA.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	2.922	3	6	12	rVB2	34371	50316	1.53%	0.110%
2	3.005	17	20	29	rVB	52371	72532	2.21%	0.159%
3	3.305	69	71	72	rBV2	6983	4634	0.14%	0.010%
4	3.540	107	111	117	rVB	26880	34767	1.06%	0.076%
5	3.622	122	125	132	rVB4	8435	12552	0.38%	0.028%
6	3.704	136	139	141	rBV2	8379	8967	0.27%	0.020%
7	4.516	274	277	280	rBV5	2739	3546	0.11%	0.008%
8	4.622	292	295	302	rVB	12621	19259	0.59%	0.042%
9	5.587	453	459	460	rBV3	6495	9426	0.29%	0.021%
10	5.781	489	492	495	rBV5	2578	3819	0.12%	0.008%
11	6.128	546	551	556	rBV6	4683	8537	0.26%	0.019%
12	6.434	600	603	608	rBV4	4047	6234	0.19%	0.014%
13	6.493	610	613	616	rBV5	3114	3425	0.10%	0.008%
14	6.628	629	636	647	rBV	900994	1445684	44.07%	3.175%
15	6.775	655	661	672	rBV	706828	1062304	32.38%	2.333%
16	6.963	686	693	703	rBV	931946	1410566	43.00%	3.097%
17	7.069	708	711	725	rBV	33687	77776	2.37%	0.171%
18	7.422	765	771	781	rBV	735085	1106309	33.72%	2.429%
19	7.510	781	786	797	rVB2	17180	37433	1.14%	0.082%
20	8.145	887	894	906	rBV	1107660	1695520	51.68%	3.723%
21	8.569	959	966	975	rBV	877628	1371743	41.81%	3.012%
22	8.751	990	997	1005	rVB7	4925	13356	0.41%	0.029%
23	9.028	1039	1044	1049	rVB	22980	32338	0.99%	0.071%
24	9.281	1079	1087	1095	rBV	747670	1170848	35.69%	2.571%
25	9.816	1172	1178	1193	rBV	1012641	1696270	51.71%	3.725%
26	9.975	1203	1205	1211	rVB5	2512	3659	0.11%	0.008%
27	10.181	1233	1240	1249	rBV	1007128	1572521	47.93%	3.453%
28	10.328	1258	1265	1288	rBV	951790	1660780	50.62%	3.647%
29	10.845	1349	1353	1357	rBV6	2523	4297	0.13%	0.009%
30	11.433	1448	1453	1458	rBV2	5529	8658	0.26%	0.019%
31	11.510	1462	1466	1470	rVB5	3706	4797	0.15%	0.011%
32	11.622	1482	1485	1491	rVB7	2198	3636	0.11%	0.008%
33	11.727	1497	1503	1508	rBV7	4230	8047	0.25%	0.018%
34	11.786	1508	1513	1519	rVB2	13652	23214	0.71%	0.051%

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35	12.692	1661	1667	1670	rVB4	3781	6473	0.20%	0.014%
36	12.922	1701	1706	1711	rBV5	6120	9415	0.29%	0.021%
37	12.992	1711	1718	1725	rBV3	18651	32383	0.99%	0.071%
38	13.316	1769	1773	1775	rBV5	5718	7419	0.23%	0.016%
39	13.504	1798	1805	1809	rBV	1616028	2285565	69.67%	5.019%
40	13.545	1809	1812	1824	rVV	730618	965788	29.44%	2.121%
41	13.627	1824	1826	1831	rVB4	3432	3985	0.12%	0.009%
42	13.763	1842	1849	1857	rBV	1946966	2765766	84.31%	6.073%
43	14.010	1886	1891	1895	rBV3	9569	11905	0.36%	0.026%
44	14.074	1895	1902	1913	rVV	1398389	1965385	59.91%	4.316%
45	14.310	1936	1942	1962	rBV	576543	1006990	30.70%	2.211%
46	14.539	1975	1981	1988	rVB10	9392	17813	0.54%	0.039%
47	14.633	1995	1997	2001	rVB5	2661	3470	0.11%	0.008%
48	14.916	2040	2045	2046	rBV4	5157	6218	0.19%	0.014%
49	14.968	2050	2054	2058	rBV3	7568	9398	0.29%	0.021%
50	15.080	2066	2073	2082	rBV	2250257	3213163	97.94%	7.056%
51	15.216	2090	2096	2108	rBV	726386	994867	30.33%	2.185%
52	15.321	2109	2114	2120	rVB2	24994	36363	1.11%	0.080%
53	15.527	2146	2149	2155	rBV7	2814	4587	0.14%	0.010%
54	15.780	2187	2192	2193	rBV5	3680	4749	0.14%	0.010%
55	15.804	2193	2196	2199	rVV5	2896	4399	0.13%	0.010%
56	15.839	2199	2202	2204	rVV3	5933	7472	0.23%	0.016%
57	15.863	2204	2206	2212	rVB6	10368	13959	0.43%	0.031%
58	16.004	2225	2230	2235	rVB7	4593	9107	0.28%	0.020%
59	16.245	2268	2271	2274	rBV5	2334	3490	0.11%	0.008%
60	16.280	2274	2277	2279	rBV4	2858	3899	0.12%	0.009%
61	16.510	2312	2316	2321	rVB8	5391	8466	0.26%	0.019%
62	16.610	2331	2333	2334	rBV2	4929	3658	0.11%	0.008%
63	16.680	2342	2345	2350	rBV6	5595	8760	0.27%	0.019%
64	16.827	2364	2370	2376	rBV	1579286	2092902	63.80%	4.596%
65	16.927	2380	2387	2396	rBV	2346521	3162806	96.41%	6.945%
66	17.251	2439	2442	2443	rBV3	3128	3808	0.12%	0.008%
67	17.368	2459	2462	2466	rVB6	6251	6625	0.20%	0.015%
68	17.762	2525	2529	2532	rBV3	20546	26355	0.80%	0.058%
69	18.062	2575	2580	2583	rBV7	11492	16149	0.49%	0.035%
70	18.703	2686	2689	2694	rVB4	9837	10377	0.32%	0.023%
71	18.868	2713	2717	2721	rBV	24809	32969	1.00%	0.072%

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72	19.121	2756	2760	2765	rBV	22780	30904	0.94%	0.068%
73	19.233	2772	2779	2786	rBV	2548838	3280601	100.00%	7.204%
74	19.286	2786	2788	2792	rVV	23849	27749	0.85%	0.061%
75	19.327	2792	2795	2798	rVB5	13924	17293	0.53%	0.038%
76	19.827	2877	2880	2883	rBV	37625	36021	1.10%	0.079%
77	20.327	2962	2965	2969	rVB	62028	65622	2.00%	0.144%
78	20.786	3039	3043	3050	rBV	552603	717104	21.86%	1.575%
79	21.033	3081	3085	3090	rBV	1579063	1952497	59.52%	4.287%
80	21.227	3115	3118	3122	rBV	140642	153491	4.68%	0.337%
81	21.650	3186	3190	3196	rBV2	159151	242599	7.39%	0.533%
82	22.080	3258	3263	3269	rBV3	205232	348109	10.61%	0.764%
83	22.550	3340	3343	3347	rVB	184389	220517	6.72%	0.484%
84	23.009	3415	3421	3428	rVB	1601407	2664481	81.22%	5.851%
85	23.074	3429	3432	3436	rVB	182675	233163	7.11%	0.512%
86	23.139	3437	3443	3449	rVB	1129329	1903148	58.01%	4.179%
87	23.662	3529	3532	3538	rVB2	159048	232081	7.07%	0.510%

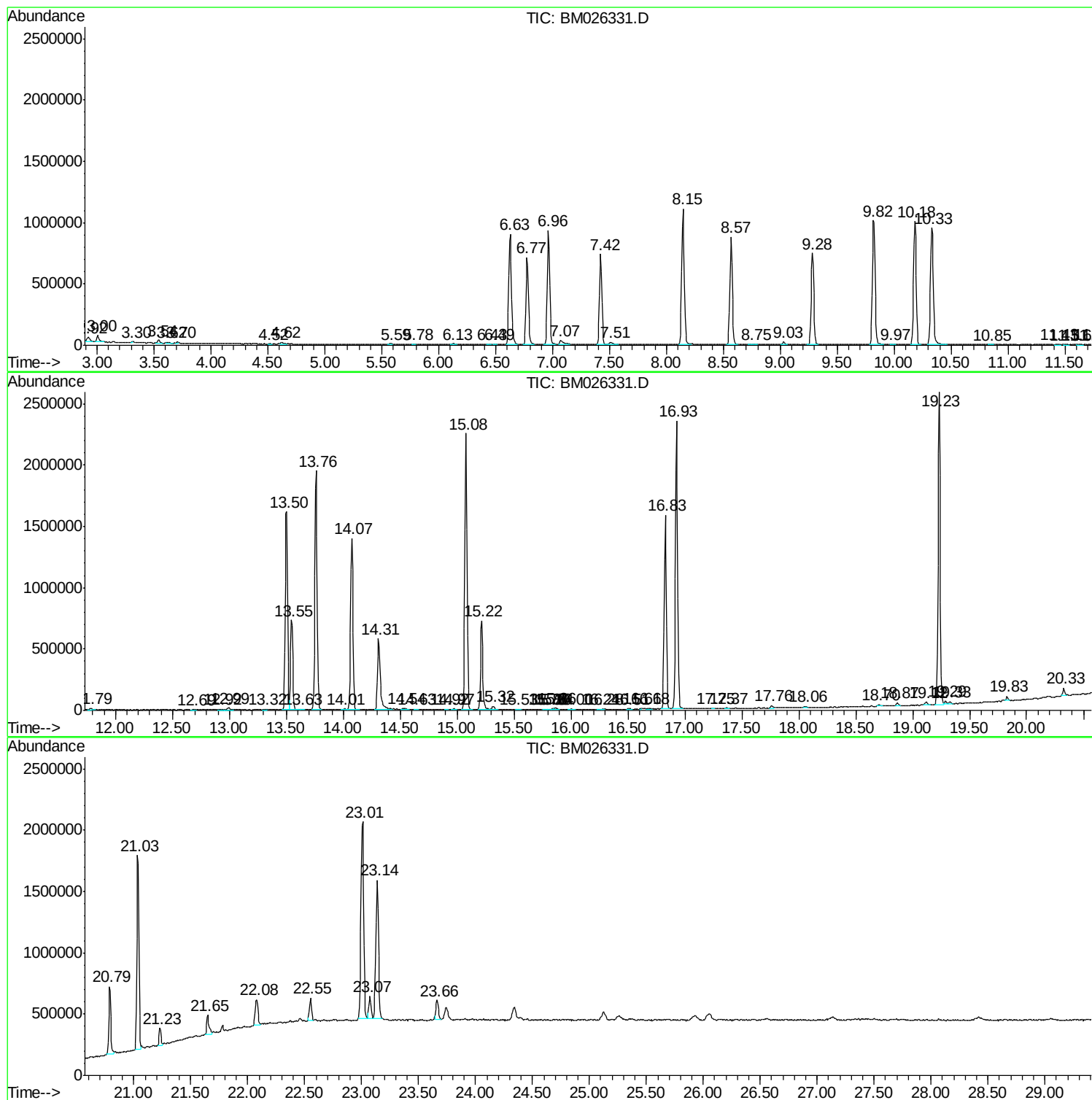
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



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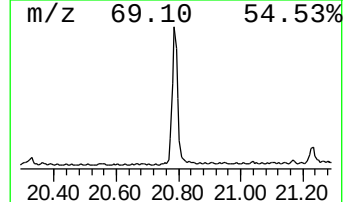
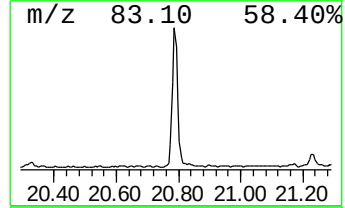
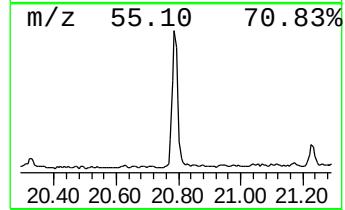
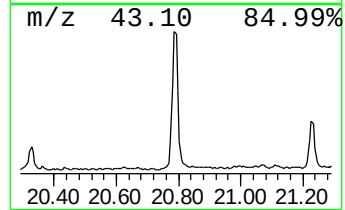
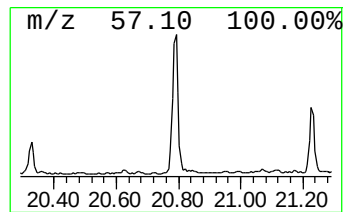
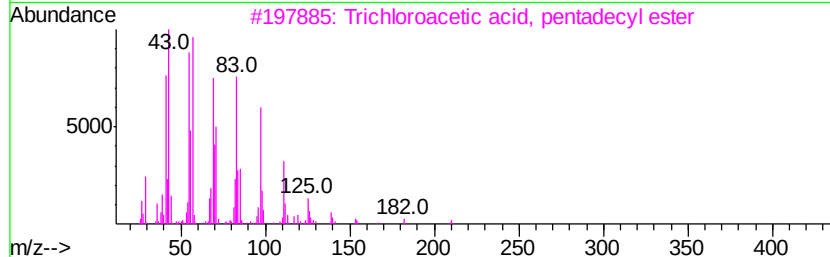
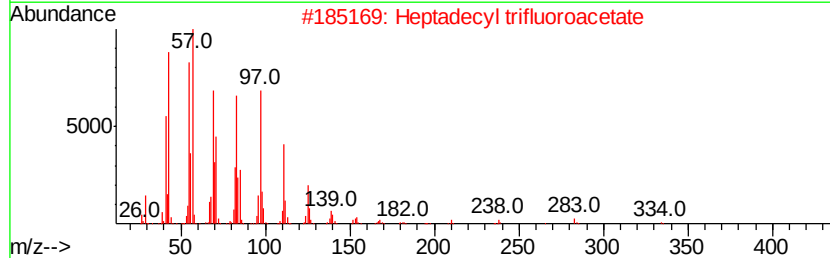
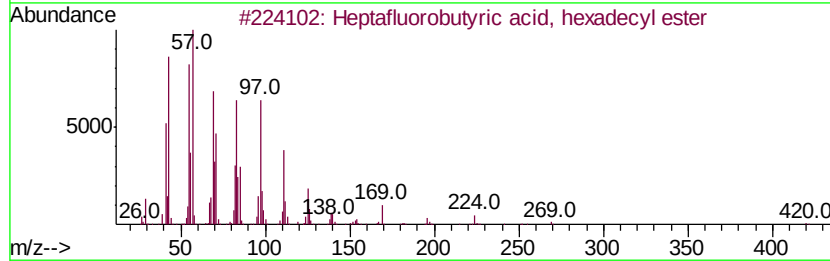
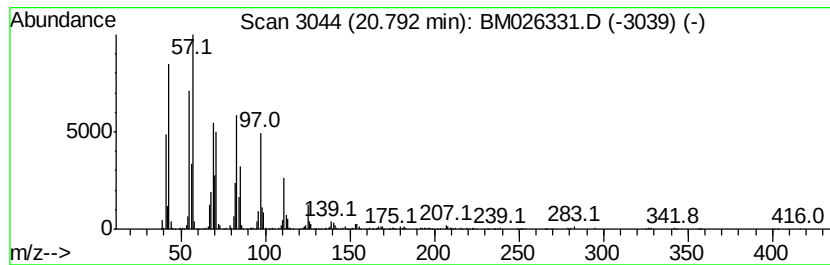
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Heptafluorobutyric acid, he... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.79	7.35 ng/ul	717104	Chrysene-d12		21.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
5		Octacosanol	410	C28H58O	000557-61-9	91



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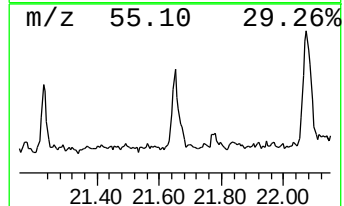
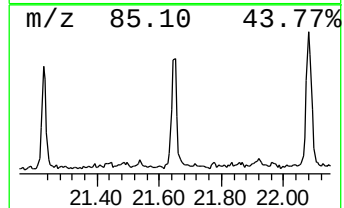
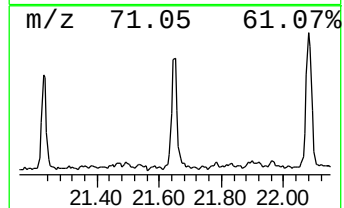
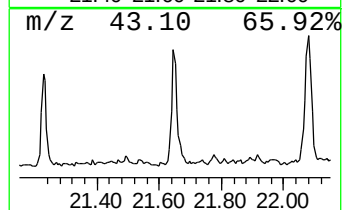
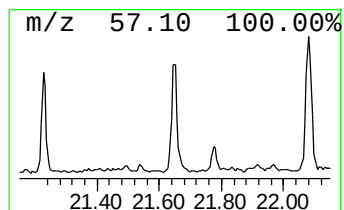
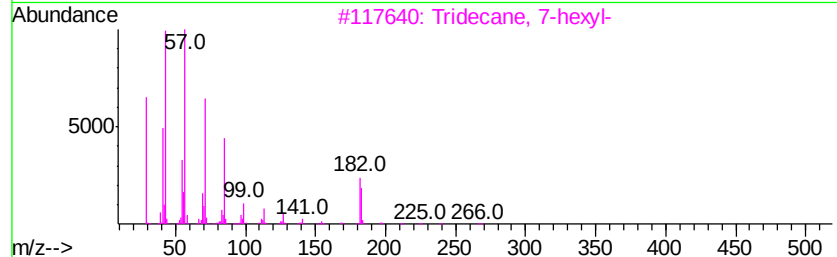
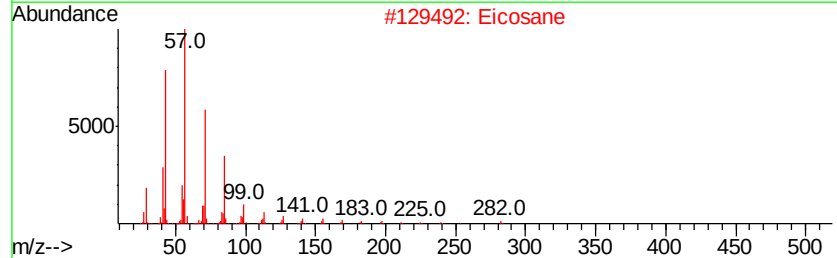
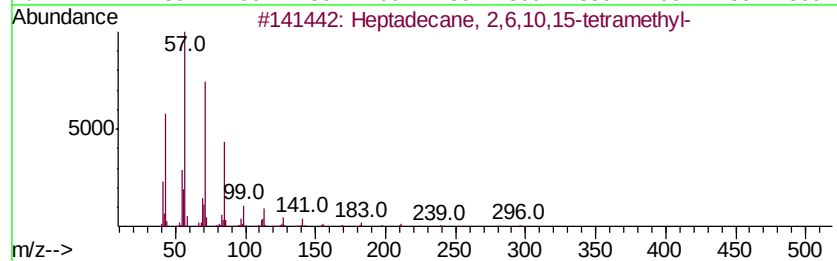
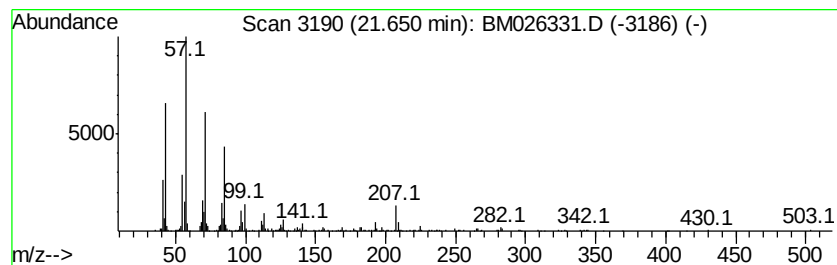
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.49 ng/ul	242599	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	98
2		Eicosane	282	C20H42	000112-95-8	98
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4		Heneicosane	296	C21H44	000629-94-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



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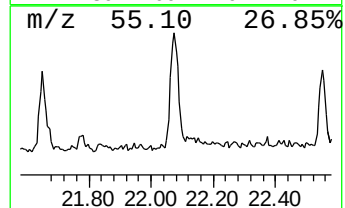
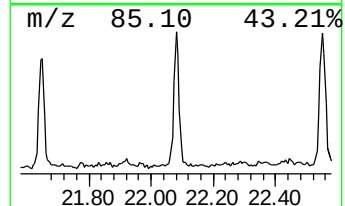
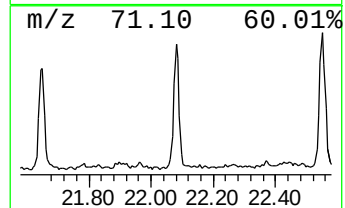
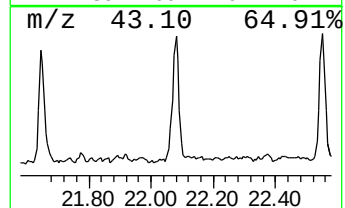
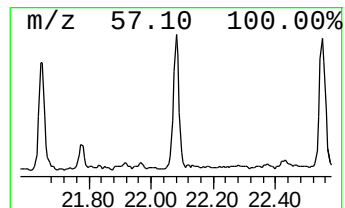
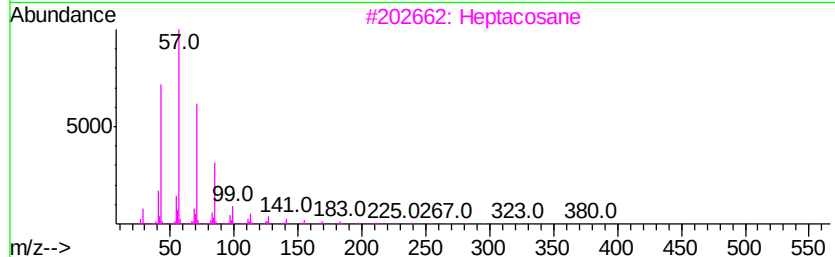
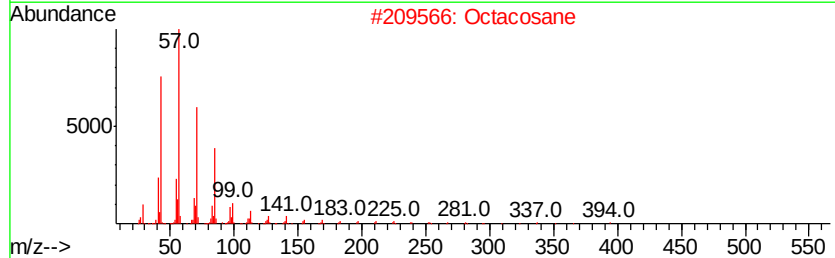
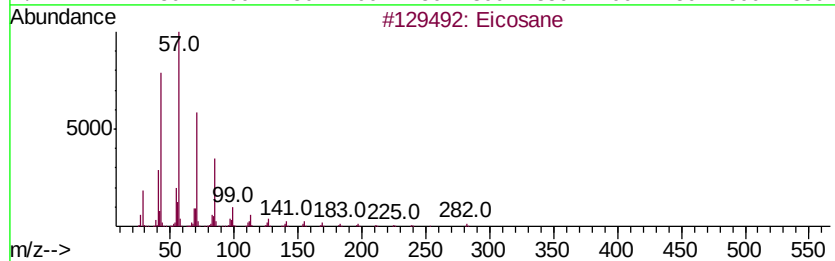
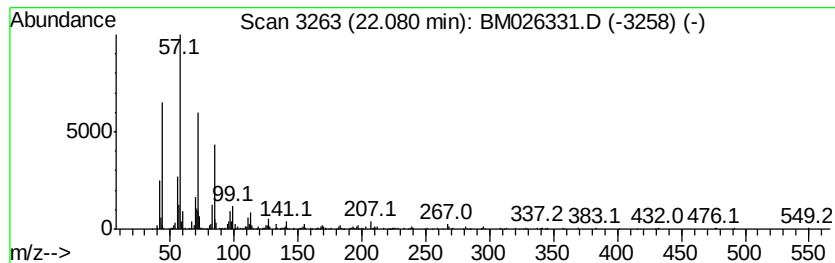
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	3.57 ng/ul	348109	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptacosane	380	C27H56	000593-49-7	81
4		Hexatriacontane	507	C36H74	000630-06-8	81
5		Tetratetracontane	619	C44H90	007098-22-8	81



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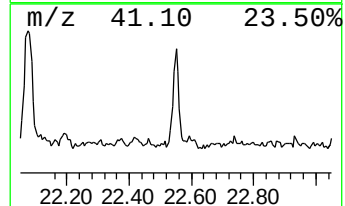
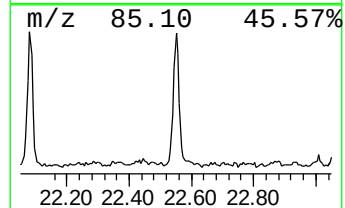
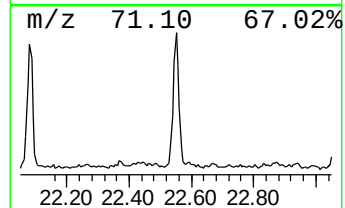
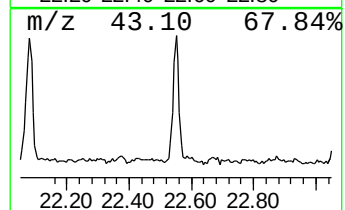
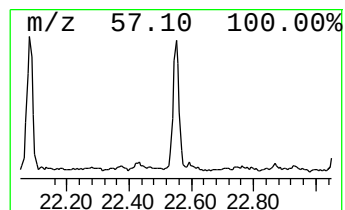
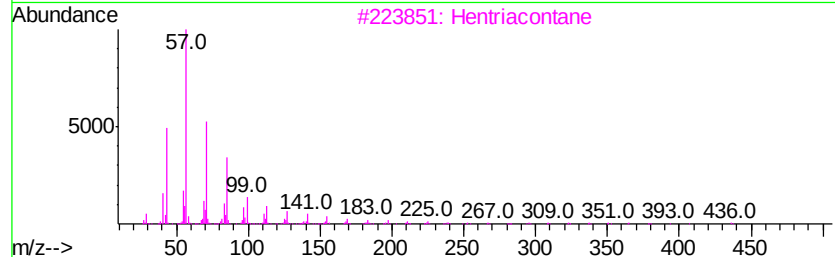
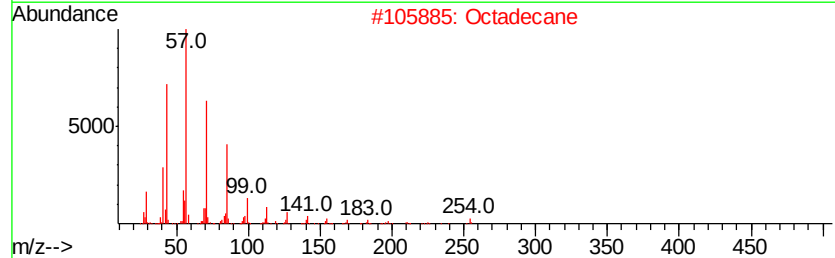
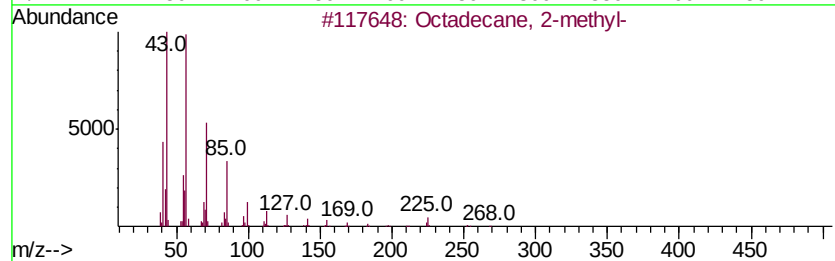
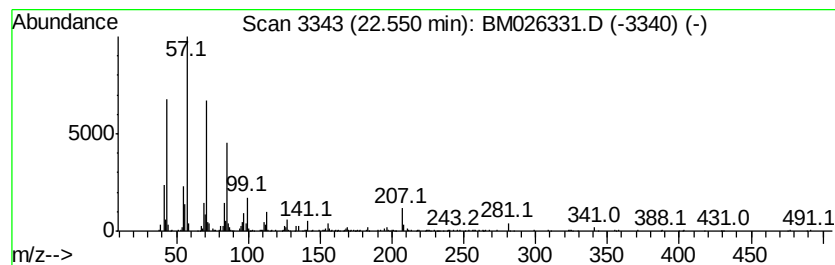
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.32 ng/ul	220517	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026331.D
Acq On : 10 Jun 2020 15:48
Operator : JU/CG
Sample : L2933-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

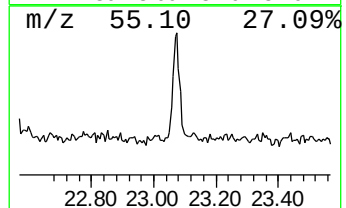
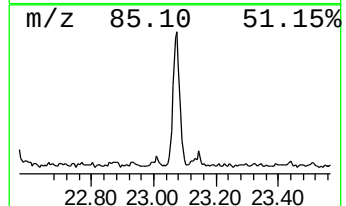
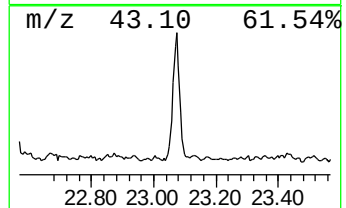
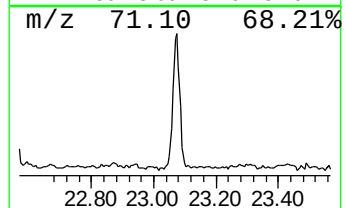
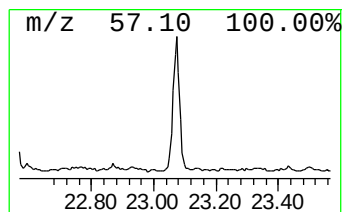
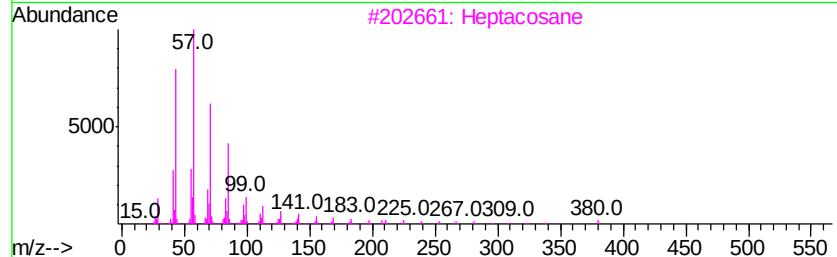
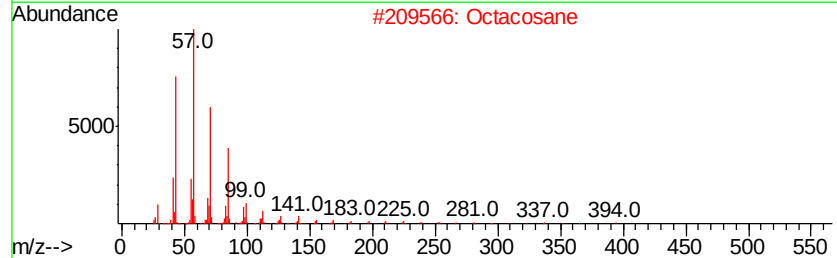
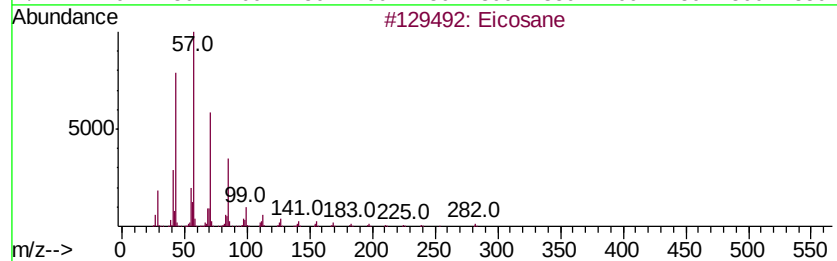
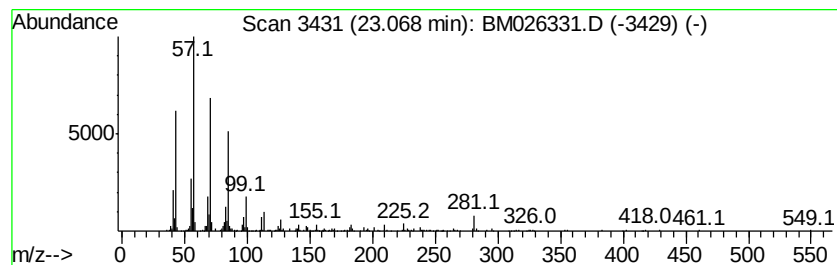
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	2.45 ng/ul	233163	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026331.D
Acq On : 10 Jun 2020 15:48
Operator : JU/CG
Sample : L2933-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

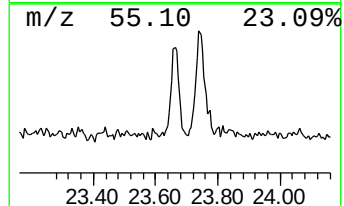
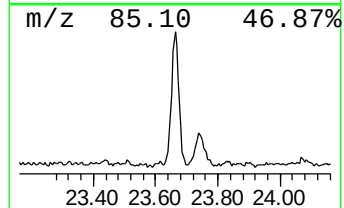
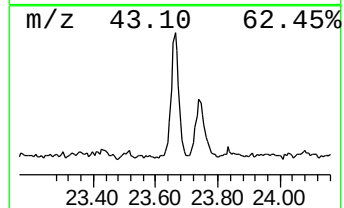
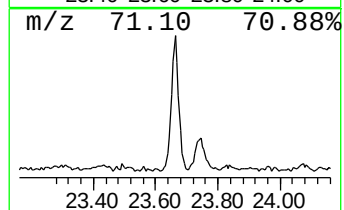
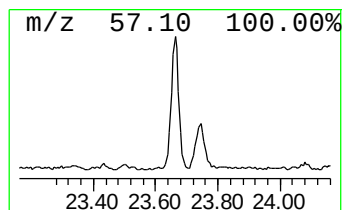
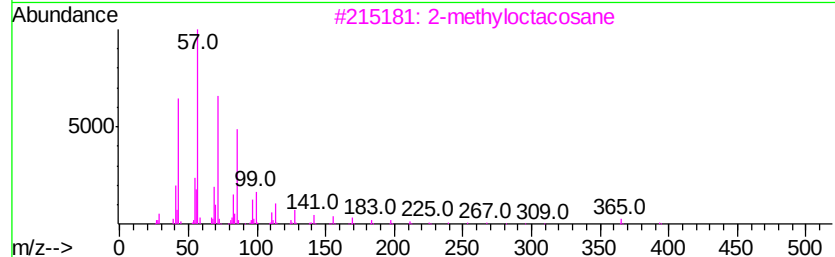
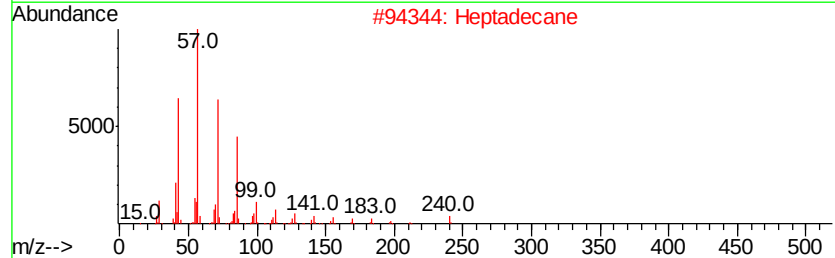
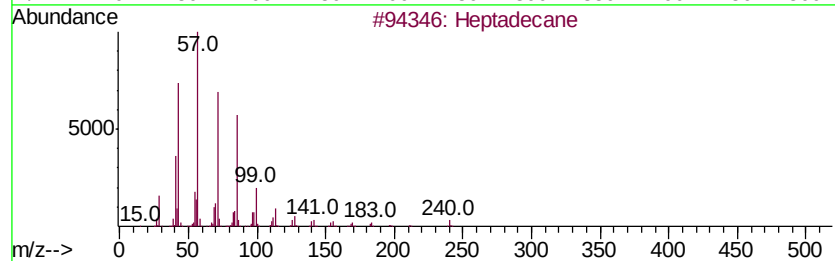
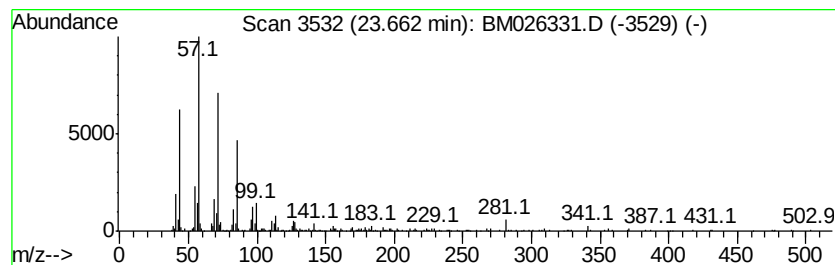
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	2.44 ng/ul	232081	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061020\
Data File : BM026331.D
Acq On : 10 Jun 2020 15:48
Operator : JU/CG
Sample : L2933-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptafluorobutyri...	20.79	7.3	ng/ul	717104	5	21.03	1952500	20.0
(DEL) Alkane: Str...	21.65	2.5	ng/ul	242599	5	21.03	1952500	20.0
(DEL) Alkane: Str...	22.08	3.6	ng/ul	348109	5	21.03	1952500	20.0
(DEL) Alkane: Str...	22.55	2.3	ng/ul	220517	6	23.14	1903150	20.0
(DEL) Alkane: Str...	23.07	2.5	ng/ul	233163	6	23.14	1903150	20.0
(DEL) Alkane: Str...	23.66	2.4	ng/ul	232081	6	23.14	1903150	20.0