

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 Data File : BM017715.D
 Acq On : 20 Nov 2018 22:03
 Operator : MJ/SJ
 Sample : J6001-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40Y2

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-BM111918MA.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	3.193	32	35	38	rBV5	5447	8701	0.23%	0.024%
2	3.475	82	83	87	rBV4	3472	4241	0.11%	0.012%
3	3.787	134	136	142	rVB4	3510	4483	0.12%	0.013%
4	3.881	150	152	159	rVB4	4426	7165	0.19%	0.020%
5	6.810	641	650	663	rBV2	158838	416164	10.94%	1.167%
6	6.945	667	673	687	rBV	231341	388794	10.22%	1.090%
7	7.134	698	705	717	rBV	249963	441009	11.59%	1.236%
8	7.598	778	784	793	rBV	683570	1132290	29.75%	3.174%
9	7.675	793	797	807	rVV5	10578	20711	0.54%	0.058%
10	7.757	810	811	818	rBV	2505	4123	0.11%	0.012%
11	8.316	900	906	924	rBV	167088	326063	8.57%	0.914%
12	8.433	924	926	932	rVB2	2715	3865	0.10%	0.011%
13	8.751	973	980	991	rBV	277669	513640	13.50%	1.440%
14	9.145	1041	1047	1052	rBV	31261	45204	1.19%	0.127%
15	9.469	1095	1102	1118	rBV	231462	422791	11.11%	1.185%
16	10.010	1187	1194	1215	rBV2	176727	595859	15.66%	1.670%
17	10.369	1247	1255	1267	rBV	971921	1703999	44.77%	4.777%
18	10.451	1267	1269	1273	rVB3	3044	4147	0.11%	0.012%
19	10.575	1286	1290	1293	rBV4	4343	7049	0.19%	0.020%
20	11.627	1464	1469	1474	rVB4	3747	7163	0.19%	0.020%
21	12.586	1630	1632	1637	rVB4	3341	4249	0.11%	0.012%
22	12.839	1673	1675	1680	rBV2	3312	4952	0.13%	0.014%
23	13.063	1707	1713	1717	rBV4	4089	6834	0.18%	0.019%
24	13.663	1809	1815	1819	rVV	746988	1096498	28.81%	3.074%
25	13.710	1819	1823	1842	rVB	547025	901305	23.68%	2.527%
26	13.933	1854	1861	1874	rBV	830768	1251658	32.89%	3.509%
27	14.157	1893	1899	1904	rBV5	8316	15360	0.40%	0.043%
28	14.239	1907	1913	1925	rBV2	1527714	2428466	63.81%	6.808%
29	14.515	1957	1960	1961	rBV3	8180	8806	0.23%	0.025%
30	14.533	1961	1963	1967	rVB4	6537	9690	0.25%	0.027%
31	14.774	2001	2004	2008	rVB5	4399	6487	0.17%	0.018%
32	14.862	2017	2019	2025	rVB3	4170	4226	0.11%	0.012%
33	15.015	2037	2045	2047	rBV8	6172	12240	0.32%	0.034%
34	15.057	2047	2052	2054	rVV3	5091	5554	0.15%	0.016%

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35	15.110	2058	2061	2065	rVB3	12994	16465	0.43%	0.046%
36	15.174	2069	2072	2076	rVB4	3404	4462	0.12%	0.013%
37	15.245	2076	2084	2097	rBV	1093315	1720834	45.22%	4.824%
38	15.386	2102	2108	2122	rBV	229948	444847	11.69%	1.247%
39	15.492	2122	2126	2129	rBV5	14985	19629	0.52%	0.055%
40	15.557	2134	2137	2141	rVV5	2956	4337	0.11%	0.012%
41	15.815	2179	2181	2185	rBV3	4433	4520	0.12%	0.013%
42	15.874	2189	2191	2195	rBV3	3170	4152	0.11%	0.012%
43	15.974	2205	2208	2210	rBV3	10204	13845	0.36%	0.039%
44	16.145	2234	2237	2244	rVB8	7393	10765	0.28%	0.030%
45	16.198	2244	2246	2250	rVB5	3045	4083	0.11%	0.011%
46	16.315	2262	2266	2268	rBV4	5583	8857	0.23%	0.025%
47	16.380	2274	2277	2282	rVB5	11868	17973	0.47%	0.050%
48	16.439	2282	2287	2291	rBV5	9390	19507	0.51%	0.055%
49	16.498	2294	2297	2299	rVB2	3560	4349	0.11%	0.012%
50	16.733	2332	2337	2340	rBV7	4563	7701	0.20%	0.022%
51	16.768	2340	2343	2348	rBV4	14018	29593	0.78%	0.083%
52	16.909	2364	2367	2369	rBV3	3738	4119	0.11%	0.012%
53	16.998	2375	2382	2389	rBV	2050599	2971349	78.08%	8.330%
54	17.098	2393	2399	2411	rVV	1203085	1852439	48.67%	5.193%
55	17.192	2413	2415	2420	rVB6	13675	16140	0.42%	0.045%
56	17.239	2420	2423	2428	rVB6	6400	10186	0.27%	0.029%
57	17.298	2430	2433	2435	rBV4	6258	8090	0.21%	0.023%
58	17.374	2443	2446	2449	rVB5	7049	7970	0.21%	0.022%
59	17.509	2465	2469	2471	rBV4	10145	11768	0.31%	0.033%
60	17.686	2495	2499	2503	rVB5	7820	10007	0.26%	0.028%
61	17.780	2510	2515	2520	rBV7	22395	41493	1.09%	0.116%
62	17.856	2524	2528	2532	rBV6	5943	12701	0.33%	0.036%
63	17.909	2532	2537	2547	rBV	587860	855484	22.48%	2.398%
64	18.198	2583	2586	2590	rVB6	14270	19396	0.51%	0.054%
65	18.280	2596	2600	2604	rBV5	6765	9886	0.26%	0.028%
66	18.486	2633	2635	2638	rVV4	5901	4655	0.12%	0.013%
67	18.580	2649	2651	2655	rBV5	6182	6945	0.18%	0.019%
68	18.839	2693	2695	2700	rVB6	10767	11755	0.31%	0.033%
69	18.968	2715	2717	2719	rBV3	5536	4667	0.12%	0.013%
70	18.992	2719	2721	2725	rBV5	5063	4699	0.12%	0.013%
71	19.039	2726	2729	2731	rBV2	13201	17548	0.46%	0.049%

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72	19.197	2752	2756	2765	rBV	180768	286421	7.53%	0.803%
73	19.286	2769	2771	2775	rVB3	16027	20558	0.54%	0.058%
74	19.397	2784	2790	2799	rBV	1612348	2240803	58.88%	6.282%
75	19.939	2879	2882	2884	rBV4	14102	20846	0.55%	0.058%
76	20.456	2968	2970	2973	rBV3	19622	18067	0.47%	0.051%
77	20.927	3045	3050	3061	rBV	348732	632104	16.61%	1.772%
78	21.197	3091	3096	3110	rBV	2752202	3805731	100.00%	10.669%
79	21.362	3121	3124	3128	rBV3	75599	85819	2.25%	0.241%
80	21.786	3193	3196	3200	rBV	153403	194562	5.11%	0.545%
81	22.238	3269	3273	3278	rBV	268098	340362	8.94%	0.954%
82	22.362	3290	3294	3300	rVB	298302	369096	9.70%	1.035%
83	22.727	3352	3356	3364	rBV	321147	471597	12.39%	1.322%
84	23.244	3438	3444	3460	rVV	1228600	2751290	72.29%	7.713%
85	23.385	3461	3468	3482	rVB	1886160	3585249	94.21%	10.051%
86	23.897	3551	3555	3562	rVB	263833	451449	11.86%	1.266%
87	24.615	3673	3677	3686	rVB2	188001	366414	9.63%	1.027%

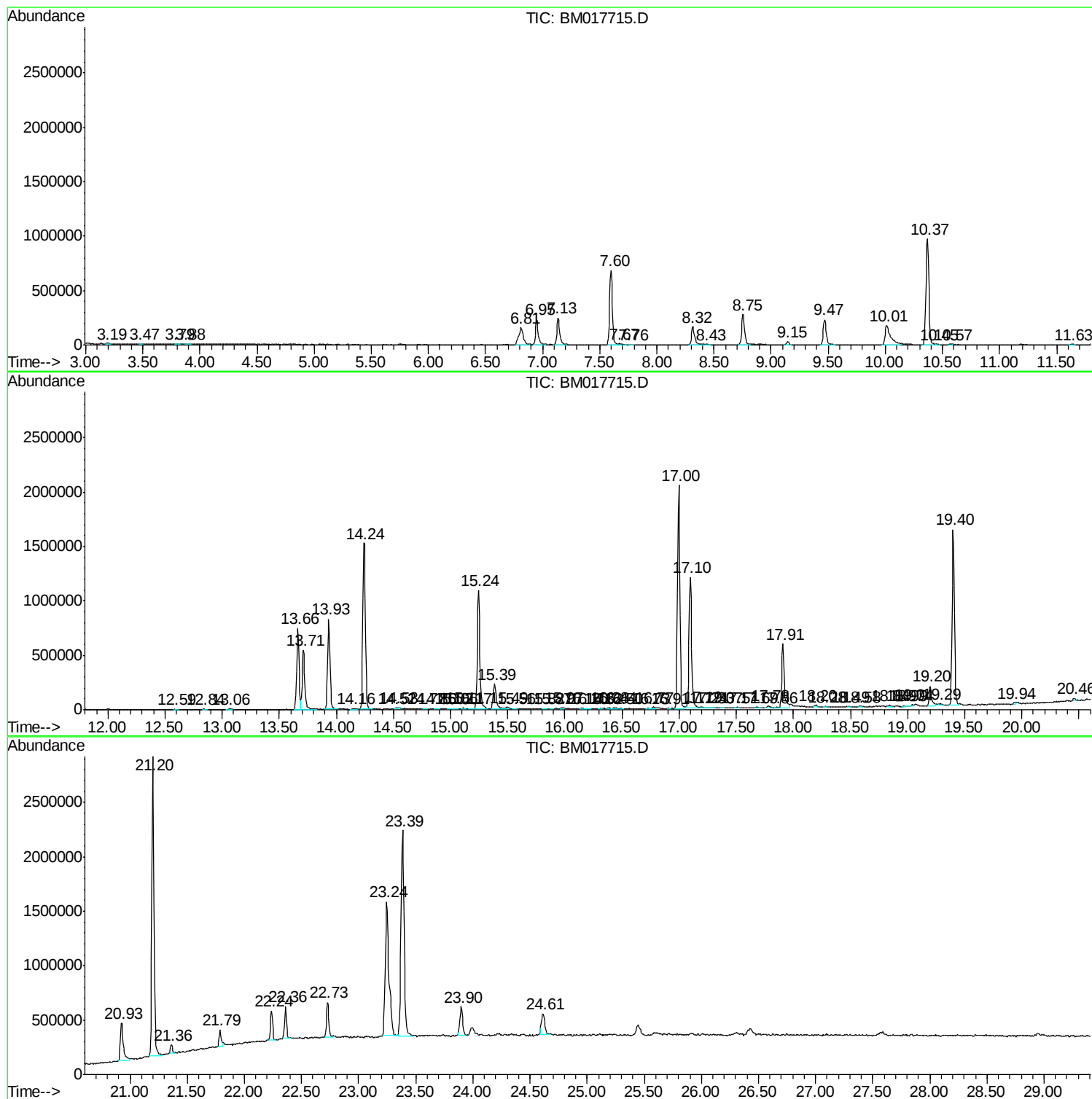
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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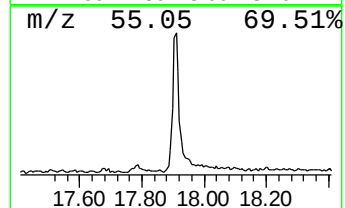
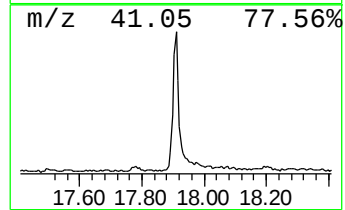
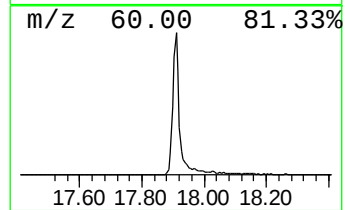
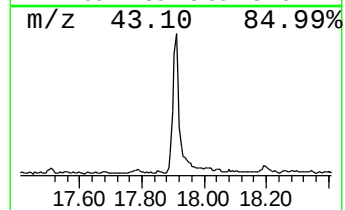
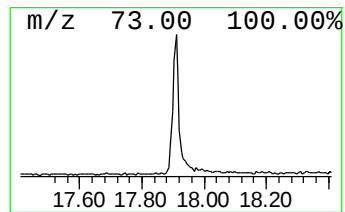
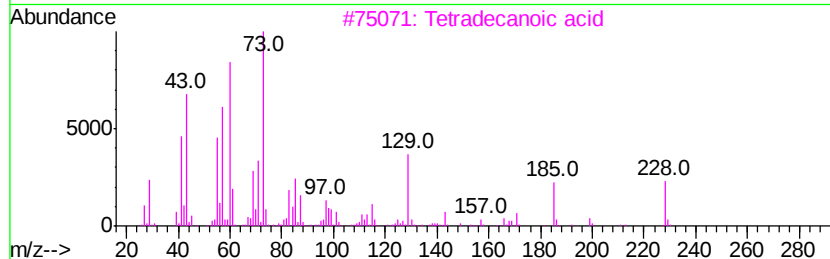
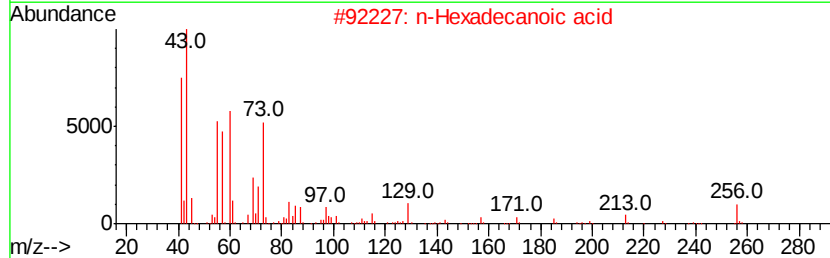
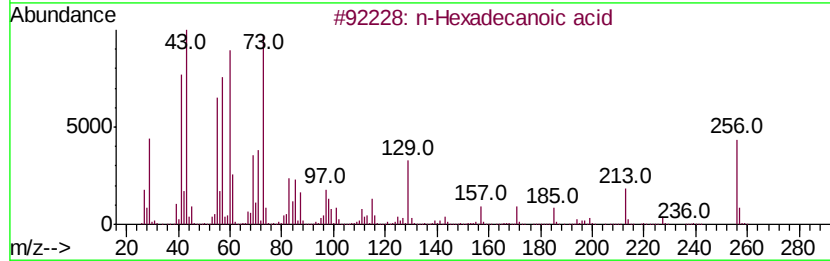
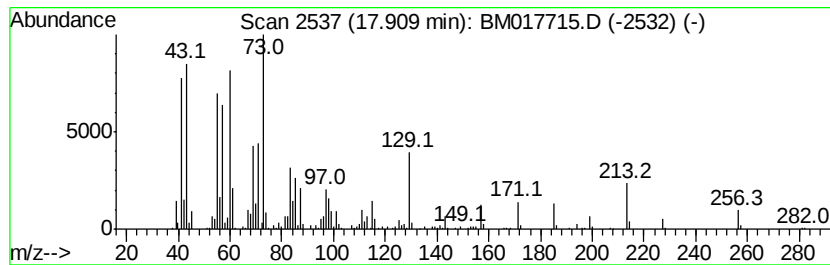
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.91	5.76 ng/ul	855484	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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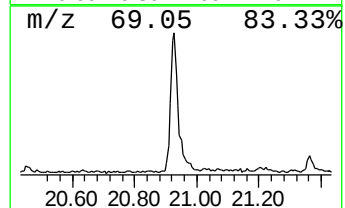
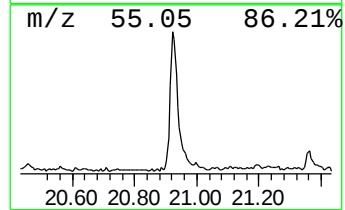
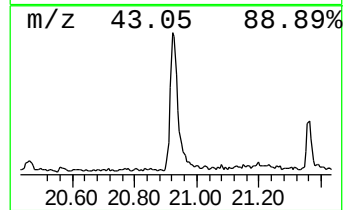
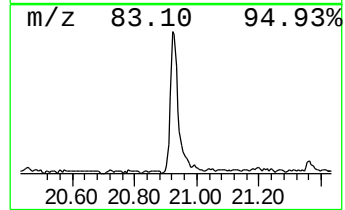
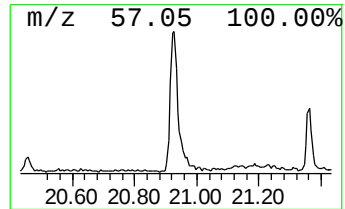
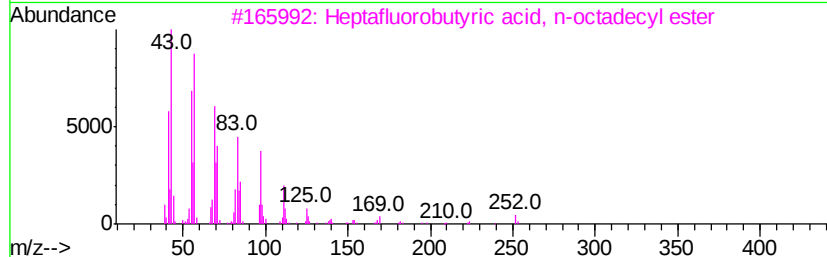
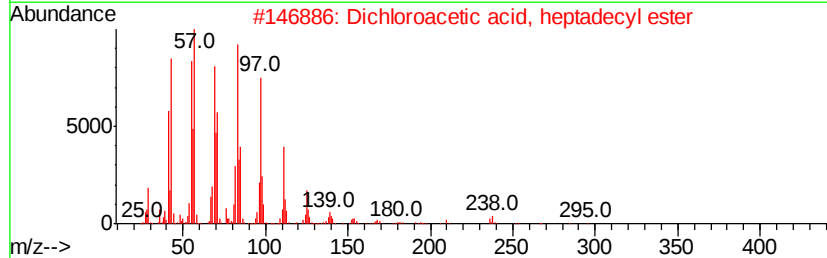
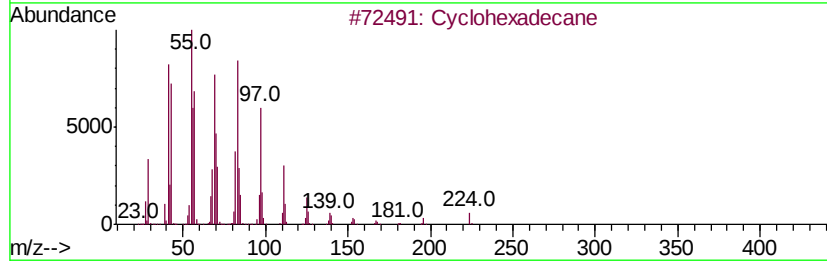
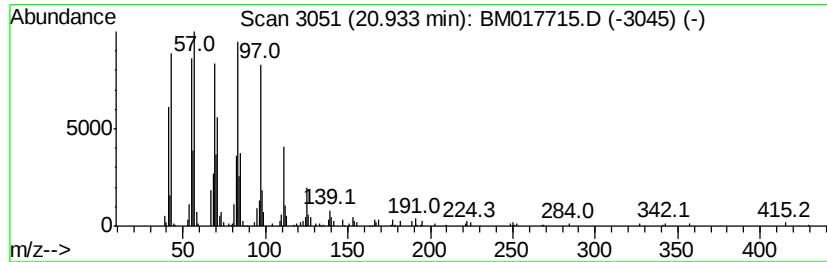
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.32 ng/ul	632104	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 93
3		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 91
4		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91
5		Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1 91



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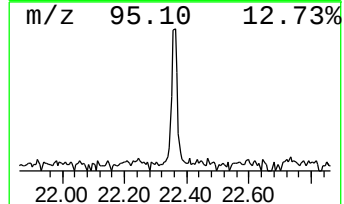
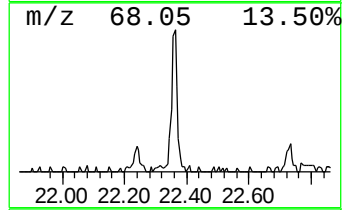
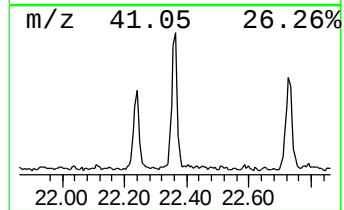
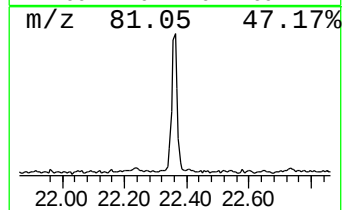
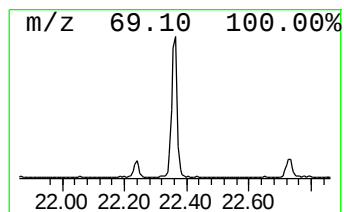
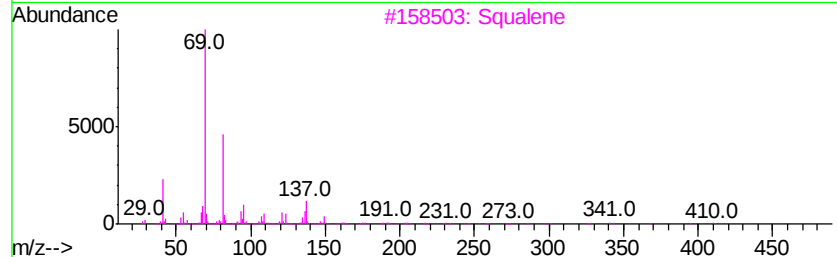
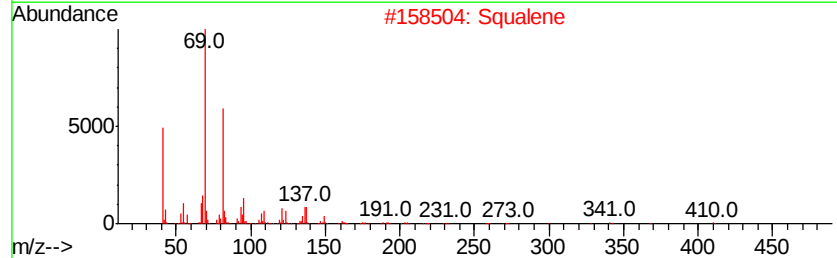
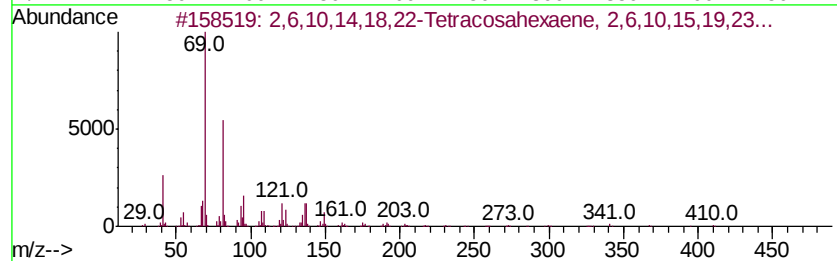
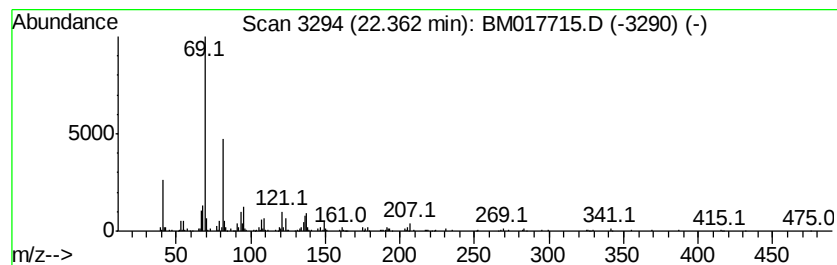
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TIC Integration Parameters: LSCINT.P

Peak Number 3 2,6,10,14,18,22-Tetracosah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.06 ng/ul	369096	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
2	Squalene	410 C30H50	007683-64-9	87
3	Squalene	410 C30H50	007683-64-9	87
4	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	80
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	72



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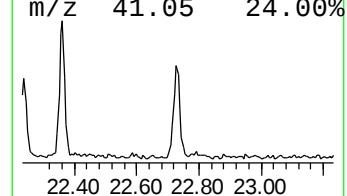
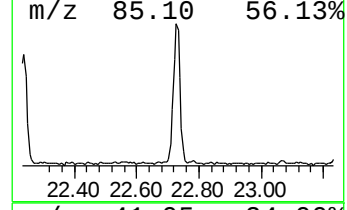
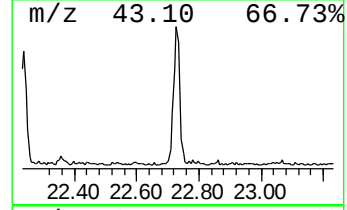
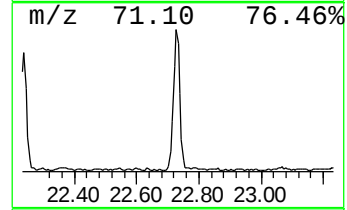
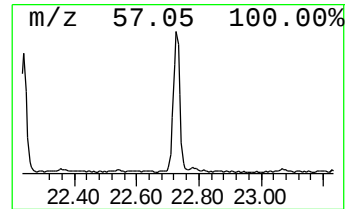
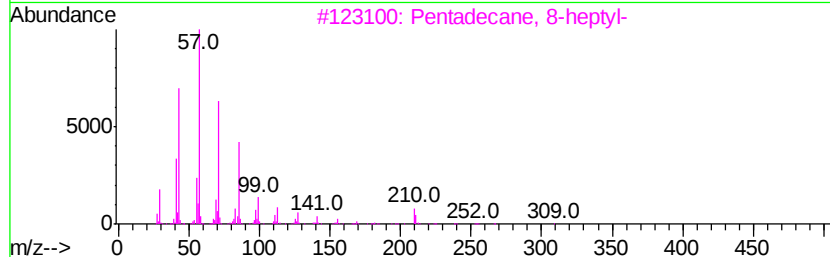
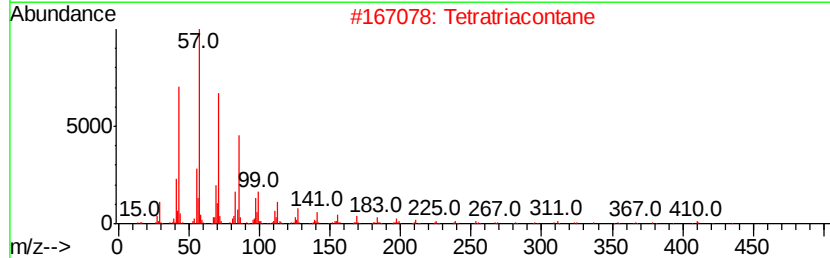
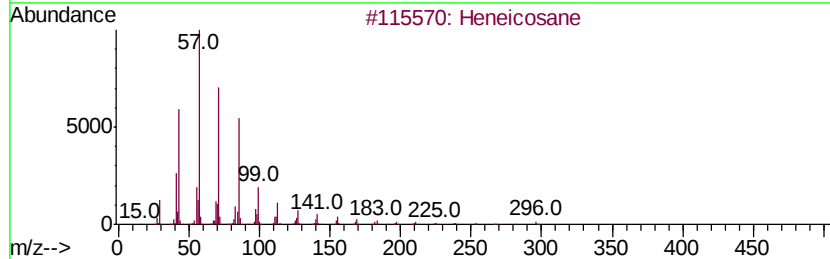
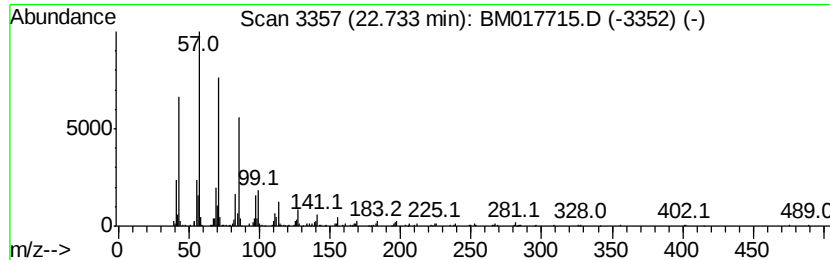
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.63 ng/ul	471597	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
Data File : BM017715.D
Acq On : 20 Nov 2018 22:03
Operator : MJ/SJ
Sample : J6001-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40Y2

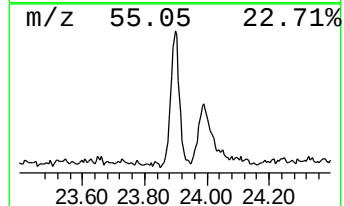
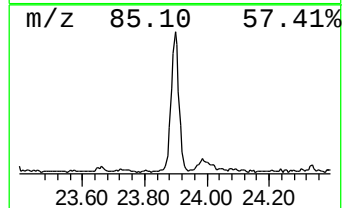
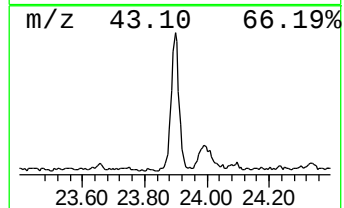
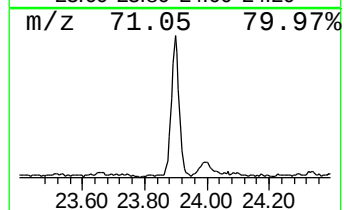
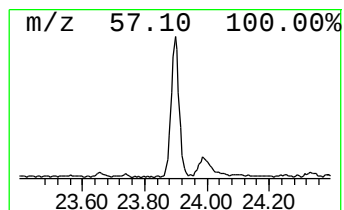
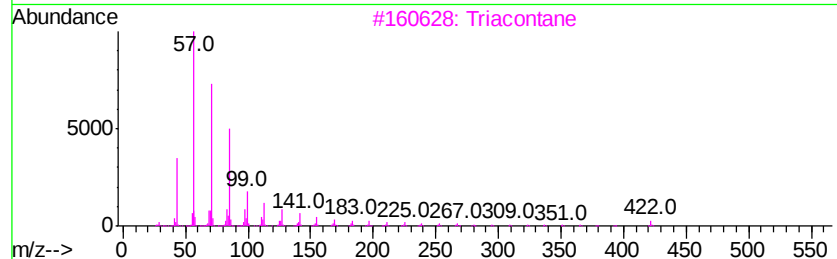
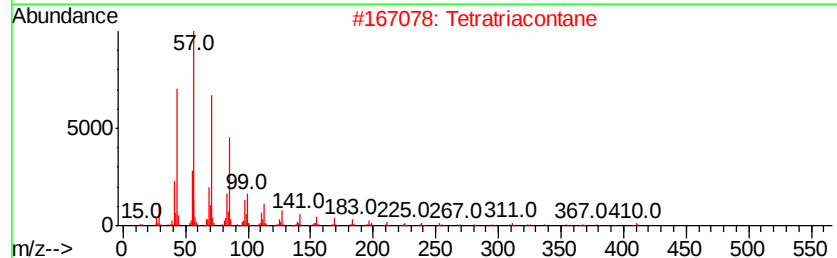
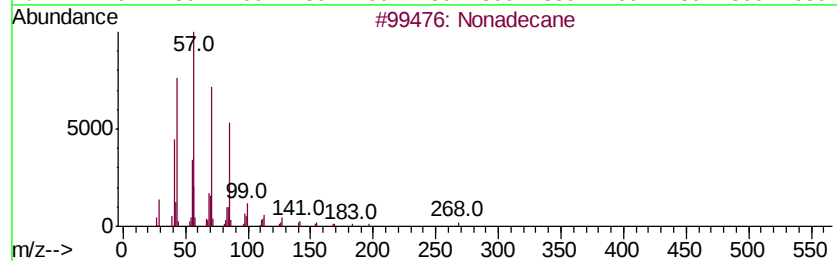
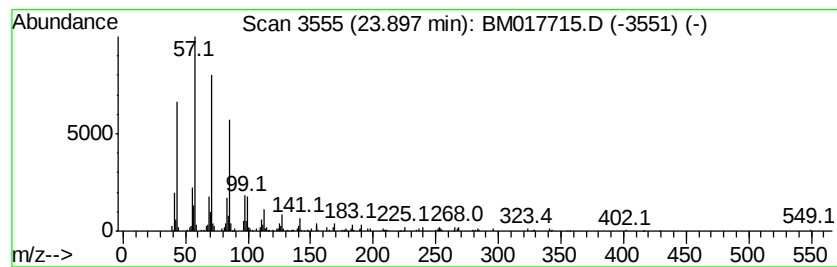
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.90	2.52 ng/ul	451449	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Docosane	310	C22H46	000629-97-0	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
Data File : BM017715.D
Acq On : 20 Nov 2018 22:03
Operator : MJ/SJ
Sample : J6001-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40Y2

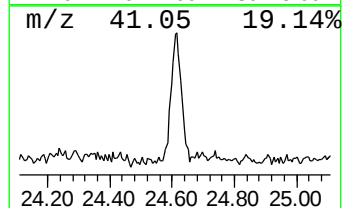
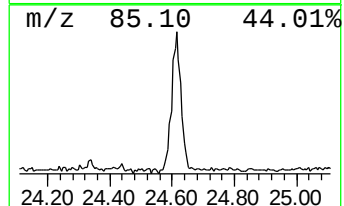
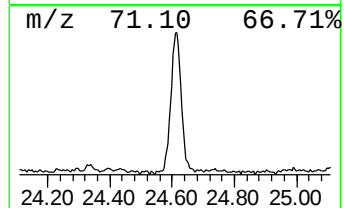
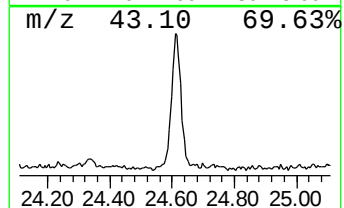
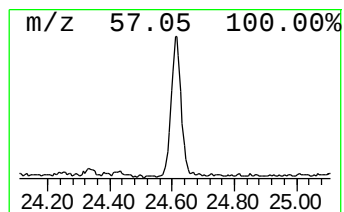
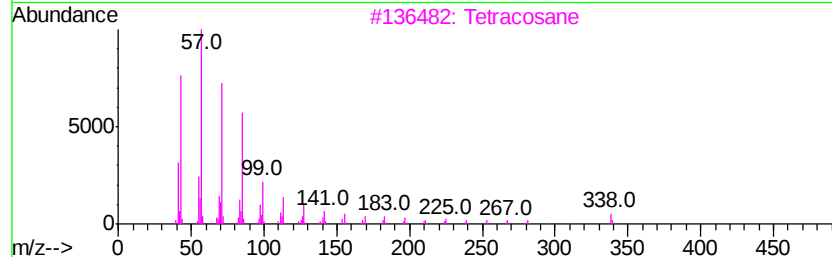
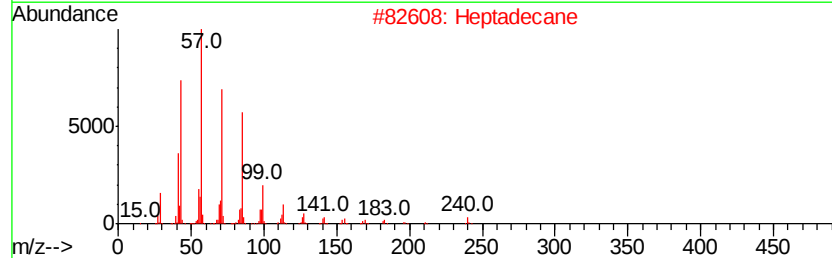
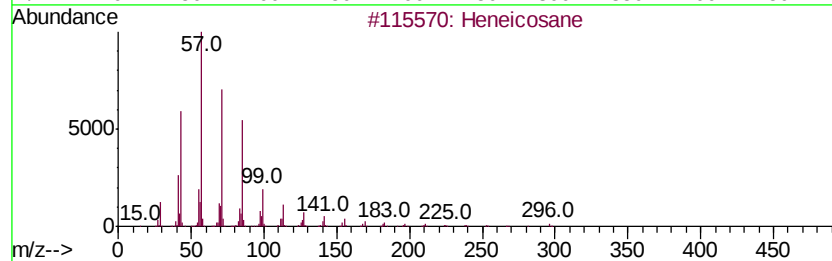
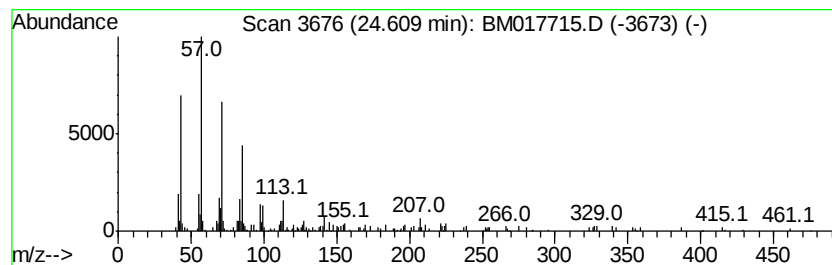
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	2.04 ng/ul	366414	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	83
2			Heptadecane	240	C17H36	000629-78-7	83
3			Tetracosane	338	C24H50	000646-31-1	83
4			triacontane	422	C30H62	000638-68-6	80
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112018\
Data File : BM017715.D
Acq On : 20 Nov 2018 22:03
Operator : MJ/SJ
Sample : J6001-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40Y2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	5.8	ng/ul	855484	4	17.00	2971350	20.0
(DEL) Alkane: Cyc...	20.93	3.3	ng/ul	632104	5	21.20	3805730	20.0
2,6,10,14,18,22-T...	22.36	2.1	ng/ul	369096	6	23.39	3585250	20.0
(DEL) Alkane: Str...	22.73	2.6	ng/ul	471597	6	23.39	3585250	20.0
(DEL) Alkane: Str...	23.90	2.5	ng/ul	451449	6	23.39	3585250	20.0
(DEL) Alkane: Str...	24.61	2.0	ng/ul	366414	6	23.39	3585250	20.0