

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019703.D
 Acq On : 02 Apr 2019 22:16
 Operator : JU/SJ
 Sample : K2148-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5H2

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-BM032219MA.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	3.123	20	23	30	rBV	32937	52697	1.59%	0.138%
2	4.164	196	200	203	rBV4	8808	14944	0.45%	0.039%
3	4.711	289	293	297	rBV	10180	15579	0.47%	0.041%
4	4.758	297	301	306	rVV2	8735	12637	0.38%	0.033%
5	5.340	397	400	403	rVB4	3256	3405	0.10%	0.009%
6	6.758	635	641	657	rBV	287705	565345	17.04%	1.486%
7	6.922	663	669	683	rBV	251743	468050	14.10%	1.230%
8	7.105	694	700	718	rVB	364717	616780	18.59%	1.621%
9	7.246	720	724	725	rBV2	15363	20802	0.63%	0.055%
10	7.569	772	779	787	rBV	618336	1003221	30.23%	2.636%
11	7.622	787	788	793	rVB3	6773	8216	0.25%	0.022%
12	8.287	895	901	919	rBV	368377	694440	20.93%	1.825%
13	8.422	919	924	929	rVB3	4944	9725	0.29%	0.026%
14	8.740	969	978	990	rBV	331263	599605	18.07%	1.576%
15	9.057	1029	1032	1039	rVB	18218	25774	0.78%	0.068%
16	9.452	1093	1099	1115	rBV	283283	514630	15.51%	1.352%
17	9.987	1183	1190	1212	rBV	345987	752491	22.68%	1.977%
18	10.346	1244	1251	1265	rVV	925006	1570520	47.33%	4.127%
19	10.516	1273	1280	1305	rBV	288406	741227	22.34%	1.948%
20	11.769	1489	1493	1499	rVB2	2496	3553	0.11%	0.009%
21	11.928	1515	1520	1523	rBV4	4299	7228	0.22%	0.019%
22	11.969	1523	1527	1534	rVB3	3750	8270	0.25%	0.022%
23	12.551	1621	1626	1632	rVB5	3318	6555	0.20%	0.017%
24	13.022	1702	1706	1711	rBV3	6025	7709	0.23%	0.020%
25	13.651	1807	1813	1818	rBV	976686	1375354	41.45%	3.614%
26	13.698	1818	1821	1831	rVB	192801	282983	8.53%	0.744%
27	13.922	1850	1859	1875	rBV	1030704	1520144	45.81%	3.995%
28	14.110	1887	1891	1895	rBV3	3808	4801	0.14%	0.013%
29	14.228	1905	1911	1922	rBV2	1464554	2245317	67.66%	5.900%
30	14.492	1950	1956	1974	rBV2	142612	453993	13.68%	1.193%
31	14.657	1979	1984	1994	rVB	67769	114039	3.44%	0.300%
32	15.016	2040	2045	2050	rBV3	7442	10258	0.31%	0.027%
33	15.069	2050	2054	2060	rVB3	10489	14850	0.45%	0.039%
34	15.234	2075	2082	2095	rBV	1319848	1989988	59.97%	5.229%

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35	15.386	2102	2108	2119	rBV	314985	533509	16.08%	1.402%
36	15.469	2119	2122	2128	rVB3	16330	27255	0.82%	0.072%
37	15.628	2148	2149	2154	rVB2	3261	3672	0.11%	0.010%
38	15.939	2198	2202	2208	rVB2	7456	11896	0.36%	0.031%
39	16.016	2213	2215	2220	rVB3	6807	7332	0.22%	0.019%
40	16.128	2232	2234	2237	rVB2	3453	4131	0.12%	0.011%
41	16.186	2237	2244	2251	rBV6	3831	9779	0.29%	0.026%
42	16.281	2257	2260	2266	rVB7	3771	5625	0.17%	0.015%
43	16.339	2266	2270	2276	rBV6	5567	8620	0.26%	0.023%
44	16.404	2276	2281	2287	rBV5	14765	27475	0.83%	0.072%
45	16.445	2287	2288	2294	rVB5	3308	4558	0.14%	0.012%
46	16.539	2301	2304	2309	rVB3	8082	8023	0.24%	0.021%
47	16.586	2309	2312	2317	rVB	7265	10298	0.31%	0.027%
48	16.728	2331	2336	2339	rBV4	6546	9846	0.30%	0.026%
49	16.780	2342	2345	2348	rVB2	8940	10747	0.32%	0.028%
50	16.892	2362	2364	2370	rVB5	4211	6906	0.21%	0.018%
51	16.992	2374	2381	2391	rBV	1939576	2700322	81.37%	7.096%
52	17.092	2391	2398	2407	rBV	1450892	2163622	65.20%	5.685%
53	17.275	2425	2429	2433	rVB4	3510	6457	0.19%	0.017%
54	17.328	2435	2438	2441	rVB4	3642	3834	0.12%	0.010%
55	17.375	2441	2446	2449	rBV5	6971	11118	0.34%	0.029%
56	17.469	2459	2462	2465	rBV4	5627	6889	0.21%	0.018%
57	17.616	2485	2487	2490	rBV3	3411	3584	0.11%	0.009%
58	17.645	2490	2492	2495	rBV5	2892	3970	0.12%	0.010%
59	17.763	2510	2512	2517	rVB5	3837	5819	0.18%	0.015%
60	17.880	2527	2532	2544	rBV	210642	377411	11.37%	0.992%
61	18.163	2577	2580	2586	rVV7	8957	13827	0.42%	0.036%
62	18.427	2621	2625	2626	rBV4	3711	4957	0.15%	0.013%
63	18.645	2660	2662	2666	rVB5	6403	6198	0.19%	0.016%
64	18.686	2666	2669	2671	rBV4	4390	5269	0.16%	0.014%
65	18.751	2678	2680	2684	rVB4	6191	7339	0.22%	0.019%
66	18.810	2686	2690	2693	rBV3	10097	13770	0.41%	0.036%
67	19.033	2724	2728	2730	rBV2	29065	42155	1.27%	0.111%
68	19.174	2748	2752	2760	rBV	134119	209884	6.32%	0.552%
69	19.286	2768	2771	2774	rVB2	13745	15601	0.47%	0.041%
70	19.398	2784	2790	2797	rBV	1846934	2489292	75.01%	6.541%
71	19.733	2843	2847	2850	rBV	262733	281010	8.47%	0.738%

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72	19.769	2850	2853	2860	rVB	343155	391036	11.78%	1.028%
73	19.927	2878	2880	2883	rVB2	19029	19929	0.60%	0.052%
74	20.192	2923	2925	2928	rVB3	17801	18190	0.55%	0.048%
75	20.333	2945	2949	2953	rBV	250915	275697	8.31%	0.724%
76	20.427	2962	2965	2969	rBV3	40282	50288	1.52%	0.132%
77	20.710	3010	3013	3016	rBV	144964	155805	4.70%	0.409%
78	20.745	3016	3019	3023	rVB	206531	206850	6.23%	0.544%
79	20.898	3041	3045	3053	rBV2	232850	325614	9.81%	0.856%
80	21.198	3091	3096	3108	rBV	2565727	3318414	100.00%	8.720%
81	21.333	3116	3119	3121	rBV	124111	121072	3.65%	0.318%
82	21.580	3158	3161	3163	rBV2	78646	85084	2.56%	0.224%
83	21.610	3163	3166	3171	rVB	111457	113845	3.43%	0.299%
84	21.757	3188	3191	3195	rBV	189294	193352	5.83%	0.508%
85	22.210	3264	3268	3274	rVB2	264111	359595	10.84%	0.945%
86	22.327	3286	3288	3292	rVB	109819	130297	3.93%	0.342%
87	22.698	3347	3351	3358	rVB	328123	481815	14.52%	1.266%
88	23.262	3440	3447	3456	rVB2	1495465	2938076	88.54%	7.720%
89	23.404	3464	3471	3480	rVB	1682378	3103266	93.52%	8.155%
90	23.874	3546	3551	3557	rVB	290513	501688	15.12%	1.318%
91	24.592	3669	3673	3684	rVB	226338	468703	14.12%	1.232%

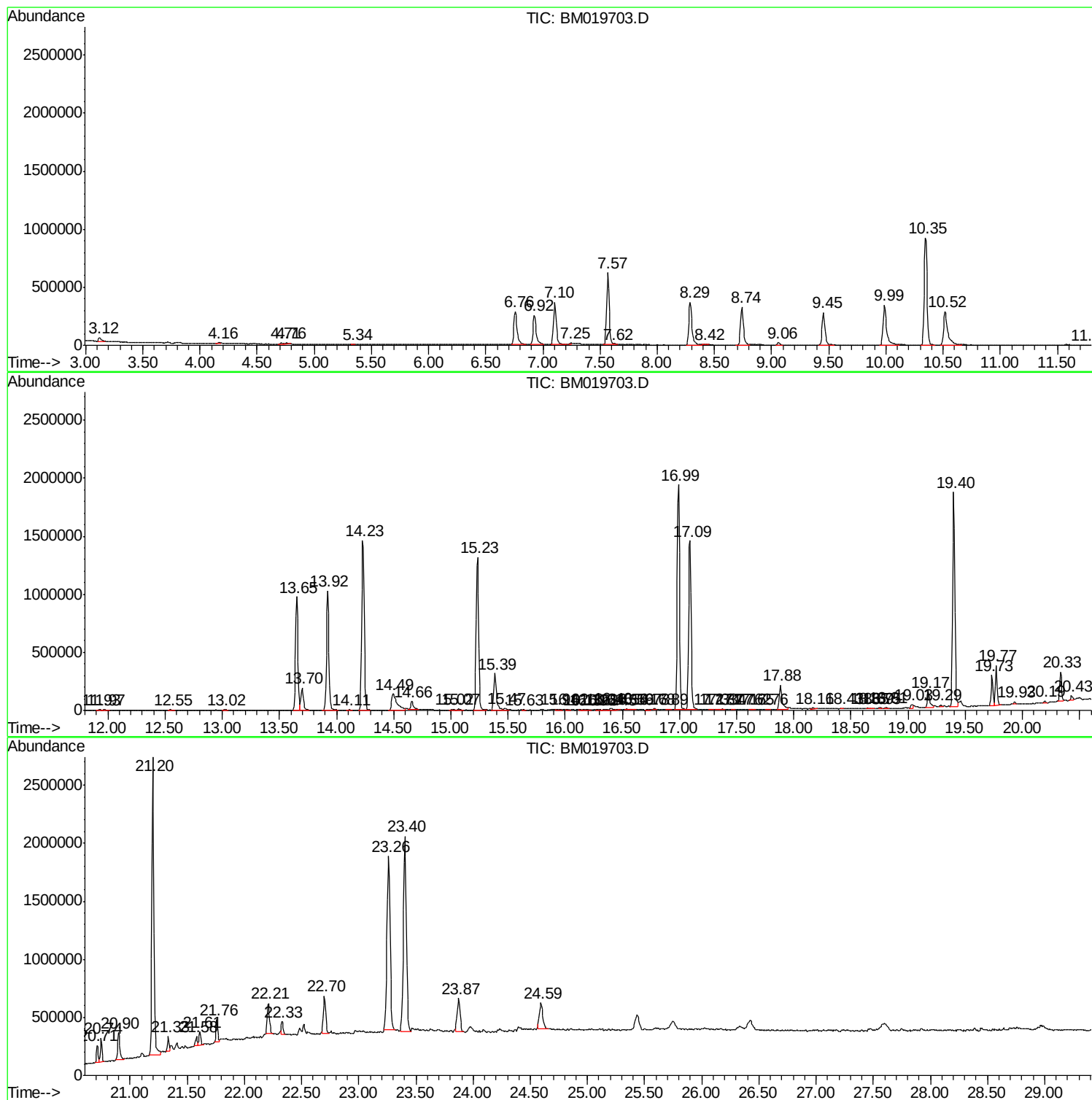
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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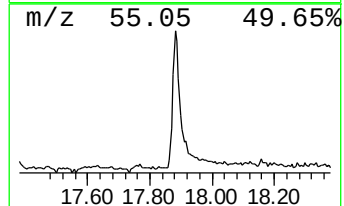
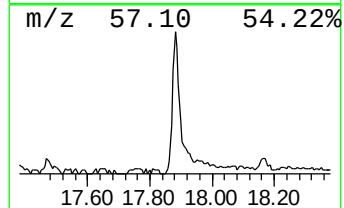
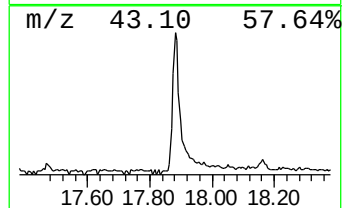
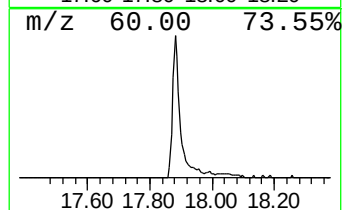
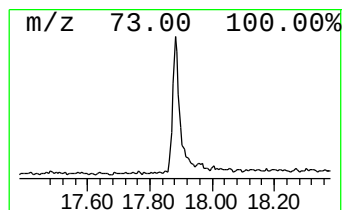
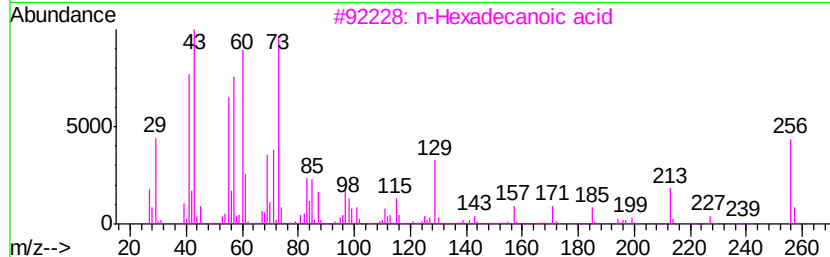
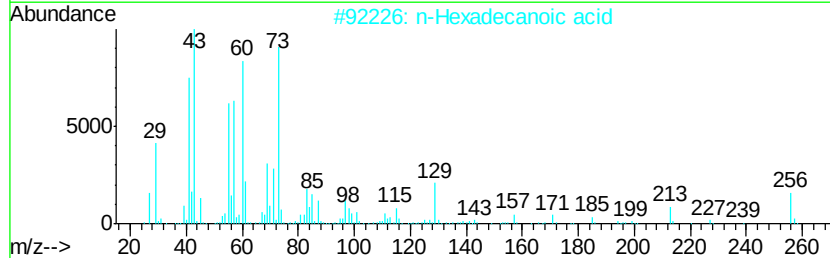
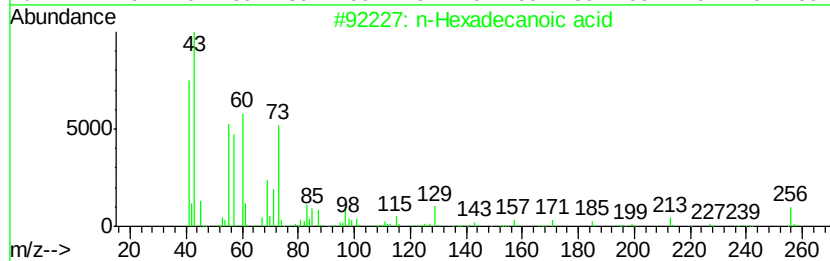
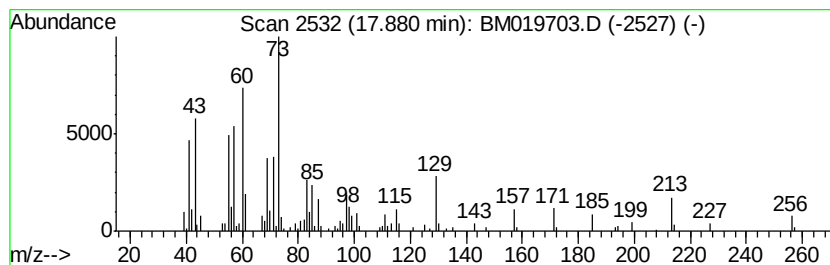
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	2.80 ng/ul	377411	Phenanthrene-d10	16.99	
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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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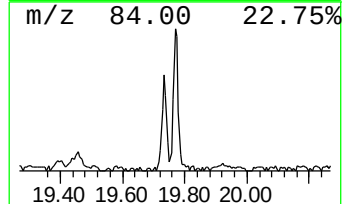
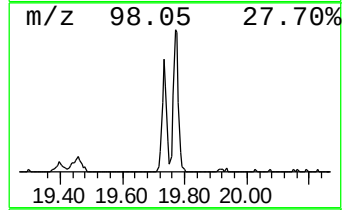
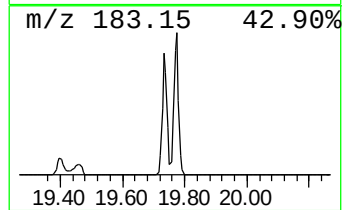
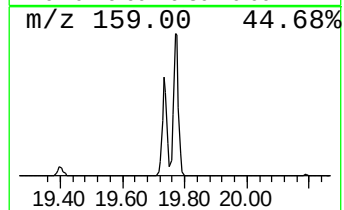
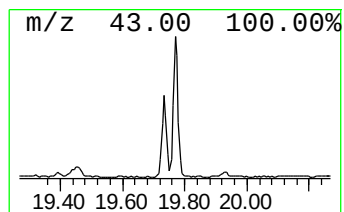
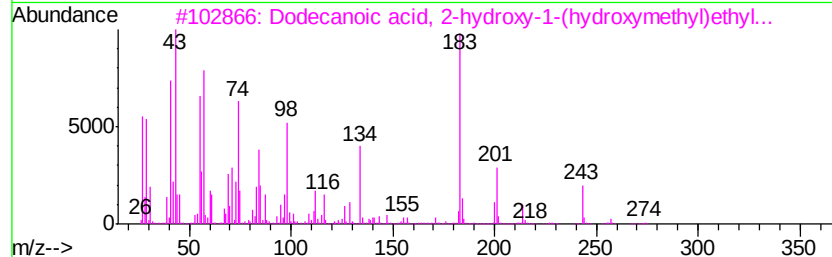
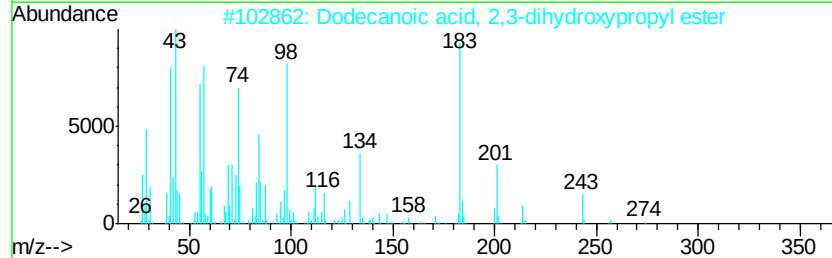
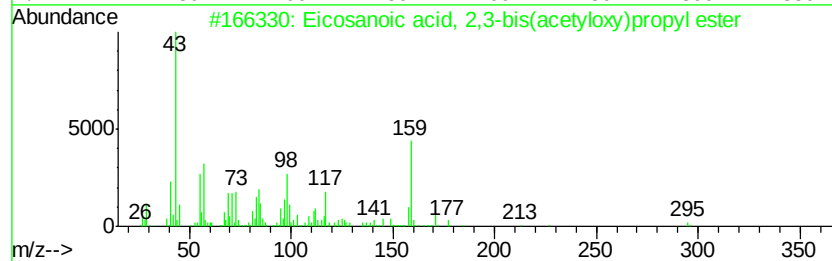
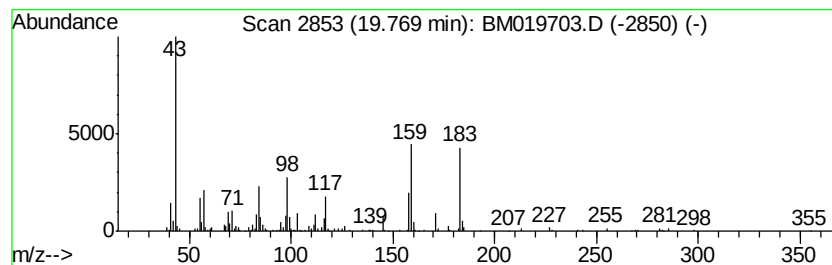
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.36 ng/ul	391036	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	40
2		Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	38
3		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	25
4		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
5		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	10



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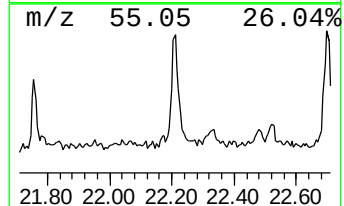
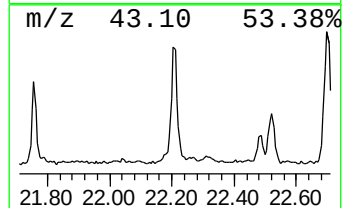
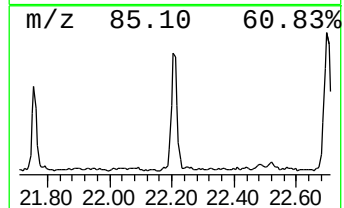
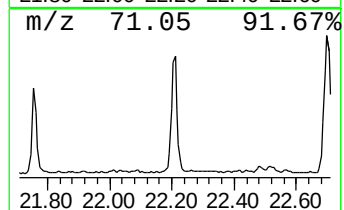
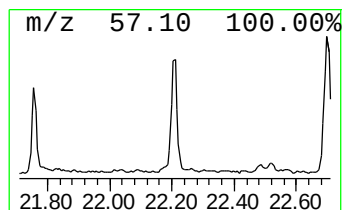
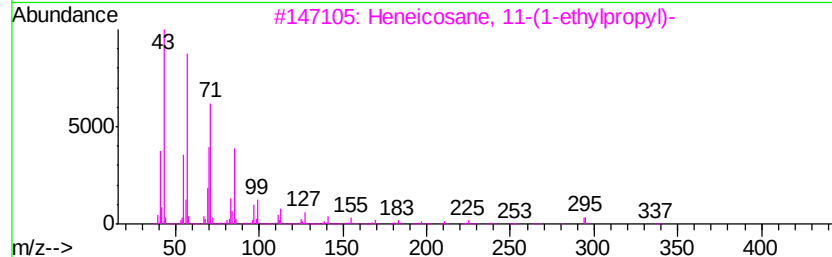
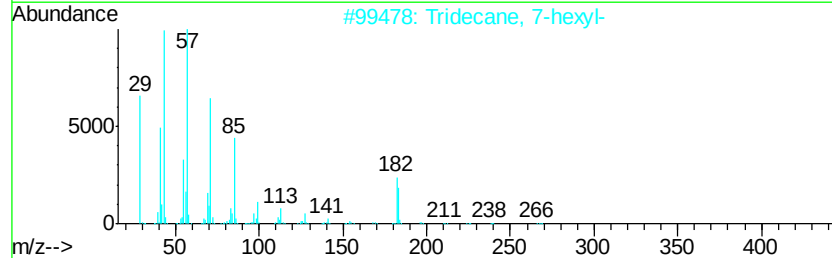
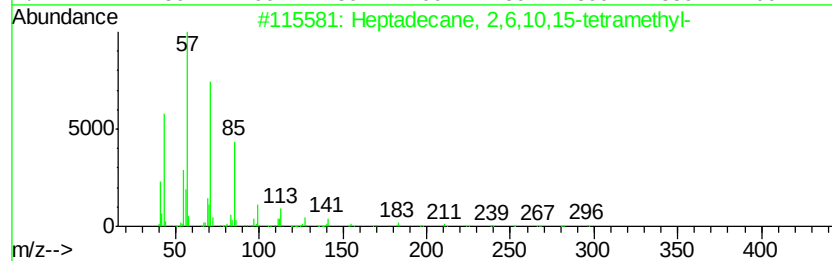
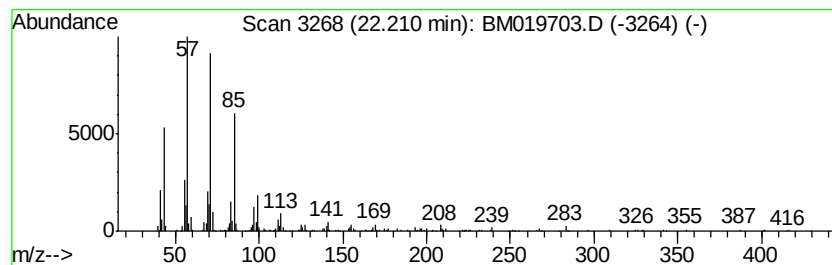
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.17 ng/ul	359595	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Nonacosane	408	C29H60	000630-03-5	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



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BF5H2

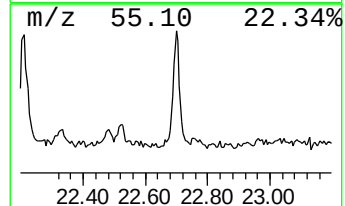
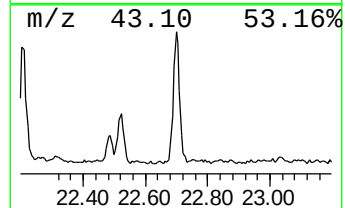
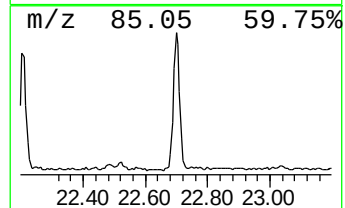
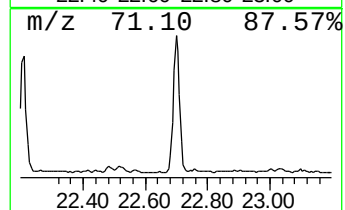
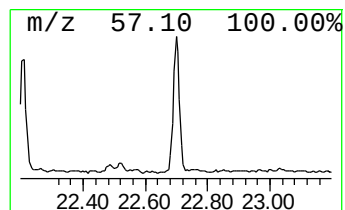
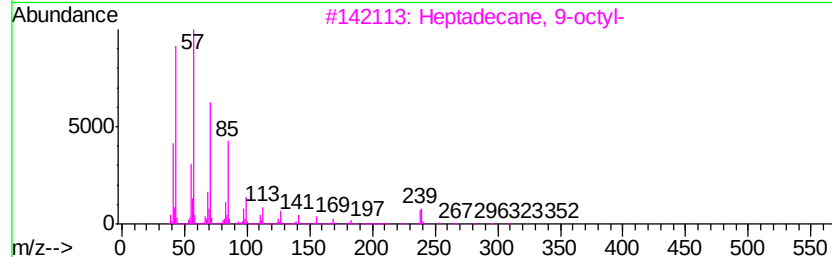
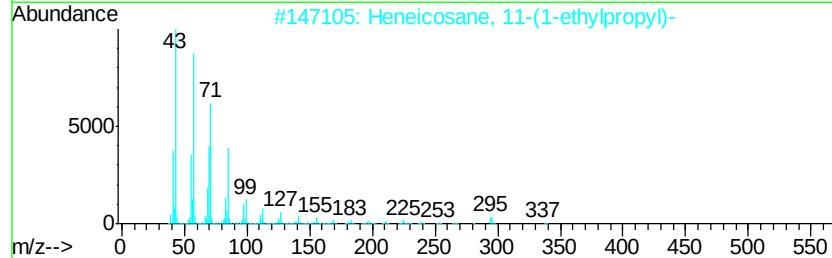
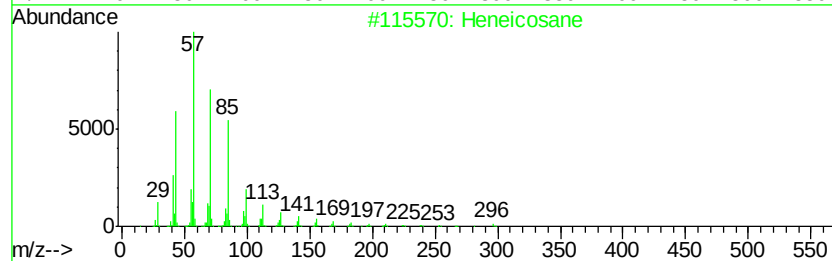
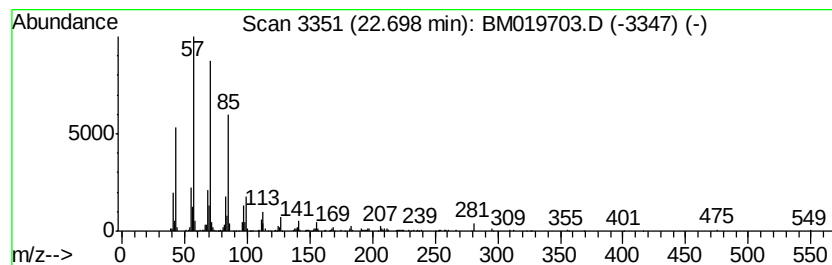
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.11 ng/ul	481815	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Docosane	310	C22H46	000629-97-0	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019703.D
Acq On : 02 Apr 2019 22:16
Operator : JU/SJ
Sample : K2148-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5H2

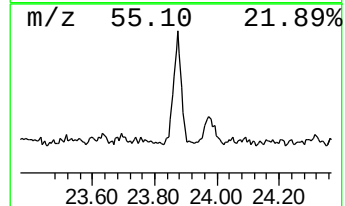
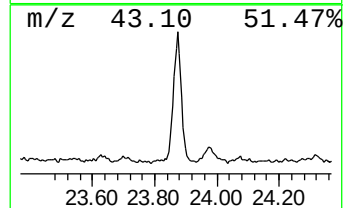
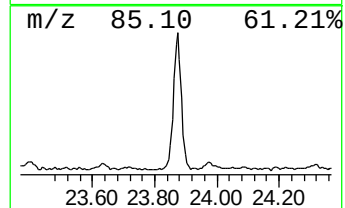
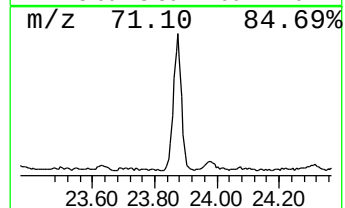
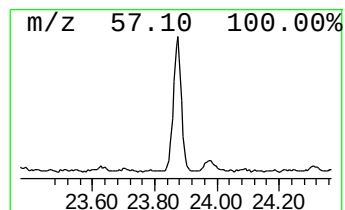
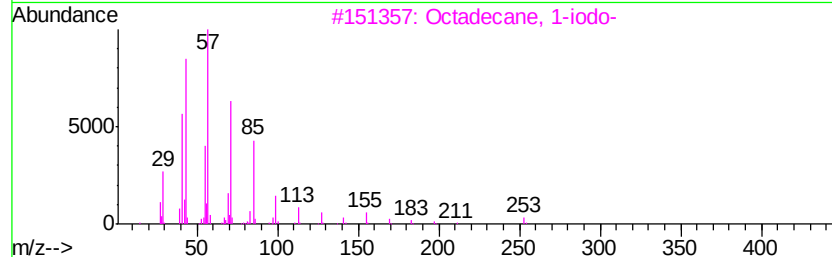
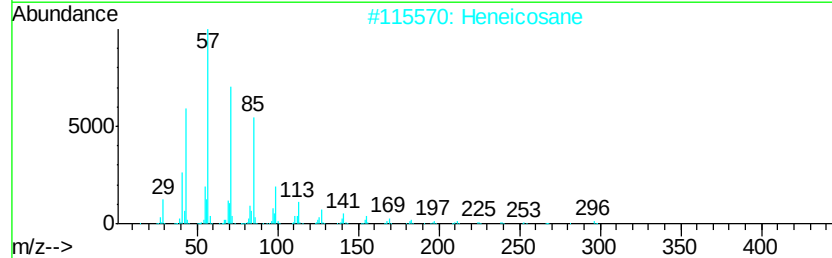
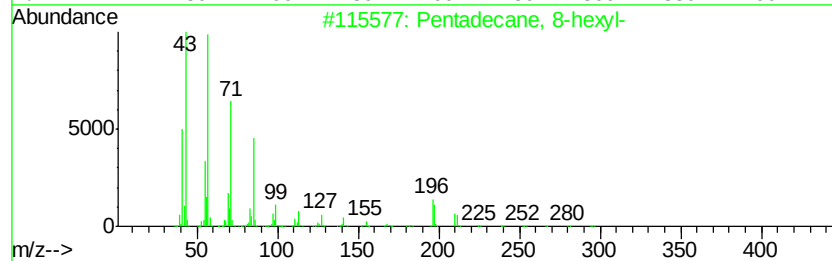
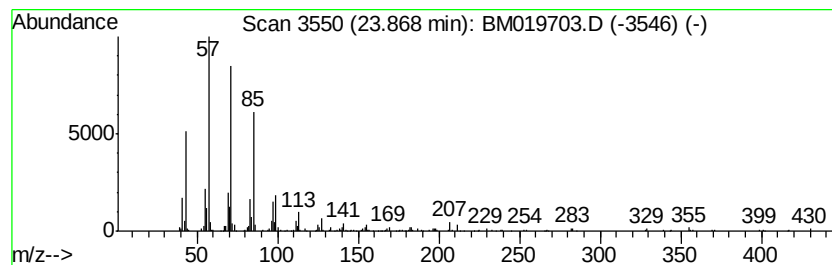
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.23 ng/ul	501688	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
2		Heneicosane	296	C21H44	000629-94-7	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019703.D
Acq On : 02 Apr 2019 22:16
Operator : JU/SJ
Sample : K2148-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5H2

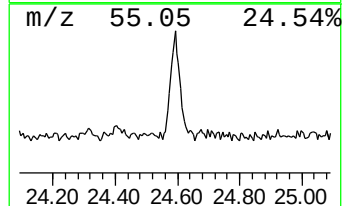
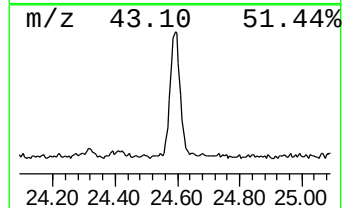
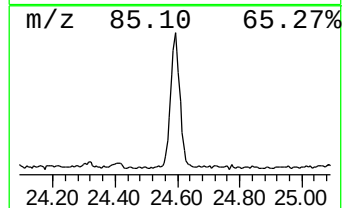
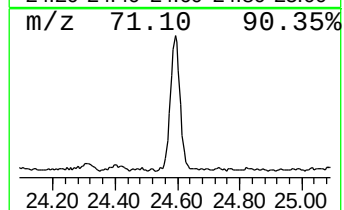
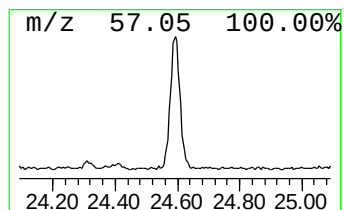
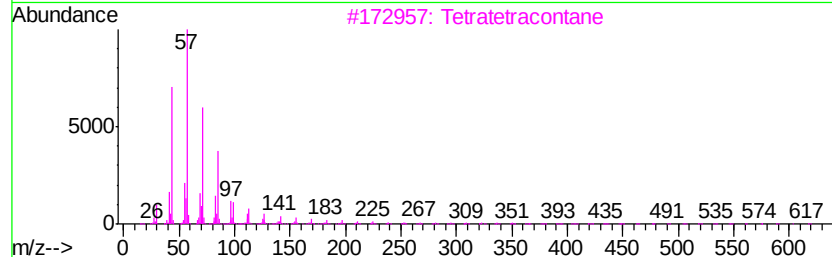
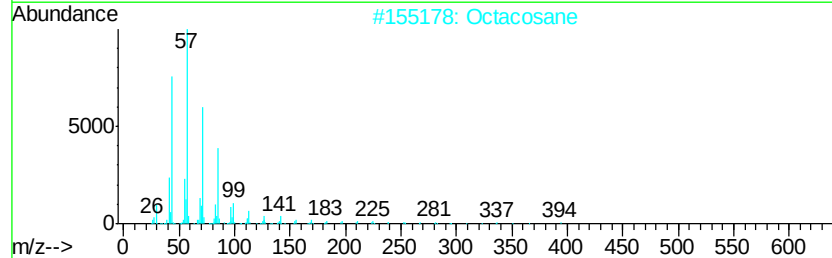
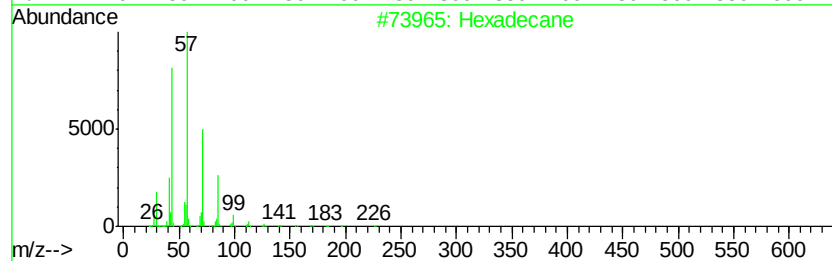
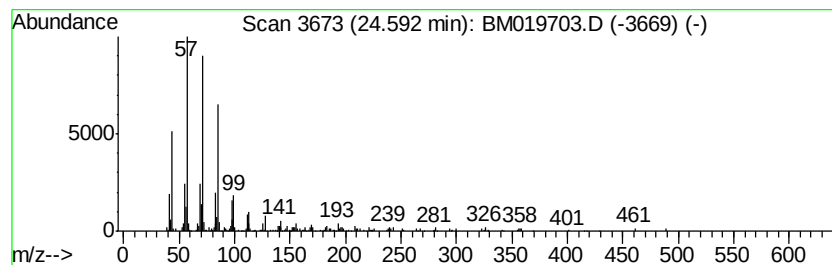
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	3.02 ng/ul	468703	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Octacosane	394	C28H58	000630-02-4	83
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019703.D
Acq On : 02 Apr 2019 22:16
Operator : JU/SJ
Sample : K2148-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5H2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.88	2.8	ng/ul	377411	4	16.99	2700320	20.0
unknown-01	19.77	2.4	ng/ul	391036	5	21.20	3318410	20.0
(DEL) Alkane: Str...	22.21	2.2	ng/ul	359595	5	21.20	3318410	20.0
(DEL) Alkane: Str...	22.70	3.1	ng/ul	481815	6	23.40	3103270	20.0
(DEL) Alkane: Str...	23.87	3.2	ng/ul	501688	6	23.40	3103270	20.0
(DEL) Alkane: Str...	24.59	3.0	ng/ul	468703	6	23.40	3103270	20.0