

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005176.D
 Acq On : 22 Apr 2019 16:22
 Operator : JU/SJ
 Sample : K2402-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH5

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-BN041919MA.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	3.146	23	27	33	rBV	53512	64239	0.68%	0.051%
2	3.217	35	39	54	rVB	218980	263099	2.77%	0.209%
3	3.475	80	83	89	rBV	31389	40140	0.42%	0.032%
4	3.917	155	158	162	rVB2	20985	22963	0.24%	0.018%
5	4.258	211	216	220	rVB6	6229	12016	0.13%	0.010%
6	4.793	301	307	315	rVB2	27600	41831	0.44%	0.033%
7	4.864	315	319	325	rBV5	6246	11097	0.12%	0.009%
8	5.728	462	466	473	rBV3	12891	19837	0.21%	0.016%
9	5.816	478	481	486	rBV5	5386	11096	0.12%	0.009%
10	6.281	556	560	564	rBV5	11460	16487	0.17%	0.013%
11	6.605	608	615	619	rBV7	6169	15484	0.16%	0.012%
12	6.775	638	644	657	rBV	2119110	3307032	34.85%	2.631%
13	6.946	663	673	685	rBV	1561074	2452629	25.85%	1.951%
14	7.140	698	706	716	rBV	2001401	3174013	33.45%	2.525%
15	7.599	776	784	792	rBV	1745623	2676576	28.21%	2.130%
16	7.669	792	796	803	rVB	65434	89806	0.95%	0.071%
17	8.299	896	903	913	rBV	2595239	4068514	42.88%	3.237%
18	8.575	943	950	955	rVB6	7585	14177	0.15%	0.011%
19	8.740	971	978	989	rBV	1933352	3128991	32.97%	2.490%
20	8.916	1003	1008	1012	rBV6	15250	19916	0.21%	0.016%
21	9.199	1051	1056	1061	rVB	56460	78677	0.83%	0.063%
22	9.452	1091	1099	1110	rBV	1603532	2544339	26.81%	2.024%
23	9.863	1165	1169	1174	rBV7	7085	12573	0.13%	0.010%
24	9.981	1182	1189	1199	rBV	2539480	4192195	44.18%	3.335%
25	10.157	1214	1219	1224	rBV7	5759	11595	0.12%	0.009%
26	10.363	1246	1254	1262	rBV	2399689	3992908	42.08%	3.177%
27	10.499	1269	1277	1285	rBV	2405258	4030838	42.48%	3.207%
28	10.963	1352	1356	1361	rBV5	6527	12860	0.14%	0.010%
29	11.398	1425	1430	1431	rBV3	16377	23242	0.24%	0.018%
30	11.798	1493	1498	1504	rBV6	12835	18246	0.19%	0.015%
31	11.898	1507	1515	1520	rBV	100256	159026	1.68%	0.127%
32	11.951	1520	1524	1530	rVB	43075	67921	0.72%	0.054%
33	12.787	1662	1666	1671	rBV5	10425	14425	0.15%	0.011%
34	13.081	1712	1716	1723	rBV4	14760	23660	0.25%	0.019%

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35	13.145	1723	1727	1731	rVB5	8357	11646	0.12%	0.009%
36	13.193	1731	1735	1740	rBV5	6686	10394	0.11%	0.008%
37	13.463	1777	1781	1787	rBV	145297	204063	2.15%	0.162%
38	13.651	1806	1813	1817	rBV	4405859	5929319	62.49%	4.718%
39	13.698	1817	1821	1828	rVV	1383401	1850158	19.50%	1.472%
40	13.745	1828	1829	1833	rVB3	10508	10395	0.11%	0.008%
41	13.922	1852	1859	1869	rBV	4871530	7114039	74.97%	5.660%
42	14.163	1897	1900	1905	rBV4	12779	18123	0.19%	0.014%
43	14.234	1905	1912	1919	rBV2	3573185	5263396	55.47%	4.188%
44	14.428	1938	1945	1956	rBV	1962387	2762651	29.11%	2.198%
45	14.787	2003	2006	2012	rVB3	10045	13486	0.14%	0.011%
46	15.063	2051	2053	2058	rVB5	8620	11453	0.12%	0.009%
47	15.128	2060	2064	2068	rVV5	15821	21059	0.22%	0.017%
48	15.234	2074	2082	2089	rBV	6071021	8426864	88.81%	6.705%
49	15.345	2095	2101	2113	rBV	1736929	2303872	24.28%	1.833%
50	15.469	2118	2122	2127	rVB	73030	105045	1.11%	0.084%
51	15.681	2155	2158	2160	rBV2	9714	11091	0.12%	0.009%
52	15.992	2207	2211	2212	rBV4	12283	17808	0.19%	0.014%
53	16.022	2212	2216	2223	rVB6	30041	53231	0.56%	0.042%
54	16.410	2276	2282	2288	rBV8	16979	38198	0.40%	0.030%
55	16.669	2322	2326	2329	rVB6	11067	15982	0.17%	0.013%
56	16.769	2339	2343	2349	rBV3	18569	31552	0.33%	0.025%
57	16.939	2369	2372	2373	rBV3	11761	9768	0.10%	0.008%
58	16.986	2373	2380	2386	rVV2	4198562	6060239	63.87%	4.822%
59	17.028	2386	2387	2390	rVV3	19566	12977	0.14%	0.010%
60	17.086	2390	2397	2407	rVV	6175200	8625115	90.90%	6.862%
61	17.522	2468	2471	2473	rBV4	7674	9602	0.10%	0.008%
62	17.792	2514	2517	2518	rBV3	9662	10108	0.11%	0.008%
63	17.922	2533	2539	2560	rBV	818336	1626878	17.14%	1.294%
64	18.863	2696	2699	2704	rVB5	22709	31508	0.33%	0.025%
65	19.028	2723	2727	2730	rBV	63954	85312	0.90%	0.068%
66	19.092	2735	2738	2744	rVB6	44670	71219	0.75%	0.057%
67	19.216	2755	2759	2766	rBV	320531	507660	5.35%	0.404%
68	19.280	2767	2770	2777	rVB2	85295	130852	1.38%	0.104%
69	19.398	2783	2790	2797	rVV	7033974	9489024	100.00%	7.550%
70	19.457	2797	2800	2803	rVV2	46205	57811	0.61%	0.046%
71	19.486	2803	2805	2812	rVB6	35160	53559	0.56%	0.043%

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72	19.998	2889	2892	2896	rBV3	69475	73465	0.77%	0.058%
73	20.369	2953	2955	2961	rVB6	47957	54013	0.57%	0.043%
74	20.504	2975	2978	2981	rVB	126255	127369	1.34%	0.101%
75	20.963	3052	3056	3063	rBV2	1190541	1895781	19.98%	1.508%
76	21.169	3088	3091	3094	rBV	95372	104761	1.10%	0.083%
77	21.216	3094	3099	3106	rVV	4647336	5963337	62.84%	4.745%
78	21.427	3131	3135	3142	rBV	314540	367002	3.87%	0.292%
79	21.863	3205	3209	3214	rBV	432626	543509	5.73%	0.432%
80	22.327	3283	3288	3293	rBV	565940	710556	7.49%	0.565%
81	22.451	3305	3309	3314	rVB	288990	372318	3.92%	0.296%
82	22.827	3369	3373	3380	rBV	645304	875382	9.23%	0.696%
83	23.286	3444	3451	3464	rVB2	4935927	8926055	94.07%	7.102%
84	23.427	3464	3475	3487	rBV2	3318219	7064917	74.45%	5.621%
85	24.027	3571	3577	3584	rBV	587610	1101091	11.60%	0.876%
86	24.104	3586	3590	3600	rVB4	156184	353019	3.72%	0.281%
87	24.768	3697	3703	3710	rBV2	425131	871004	9.18%	0.693%
88	25.627	3843	3849	3858	rVB	268336	644236	6.79%	0.513%

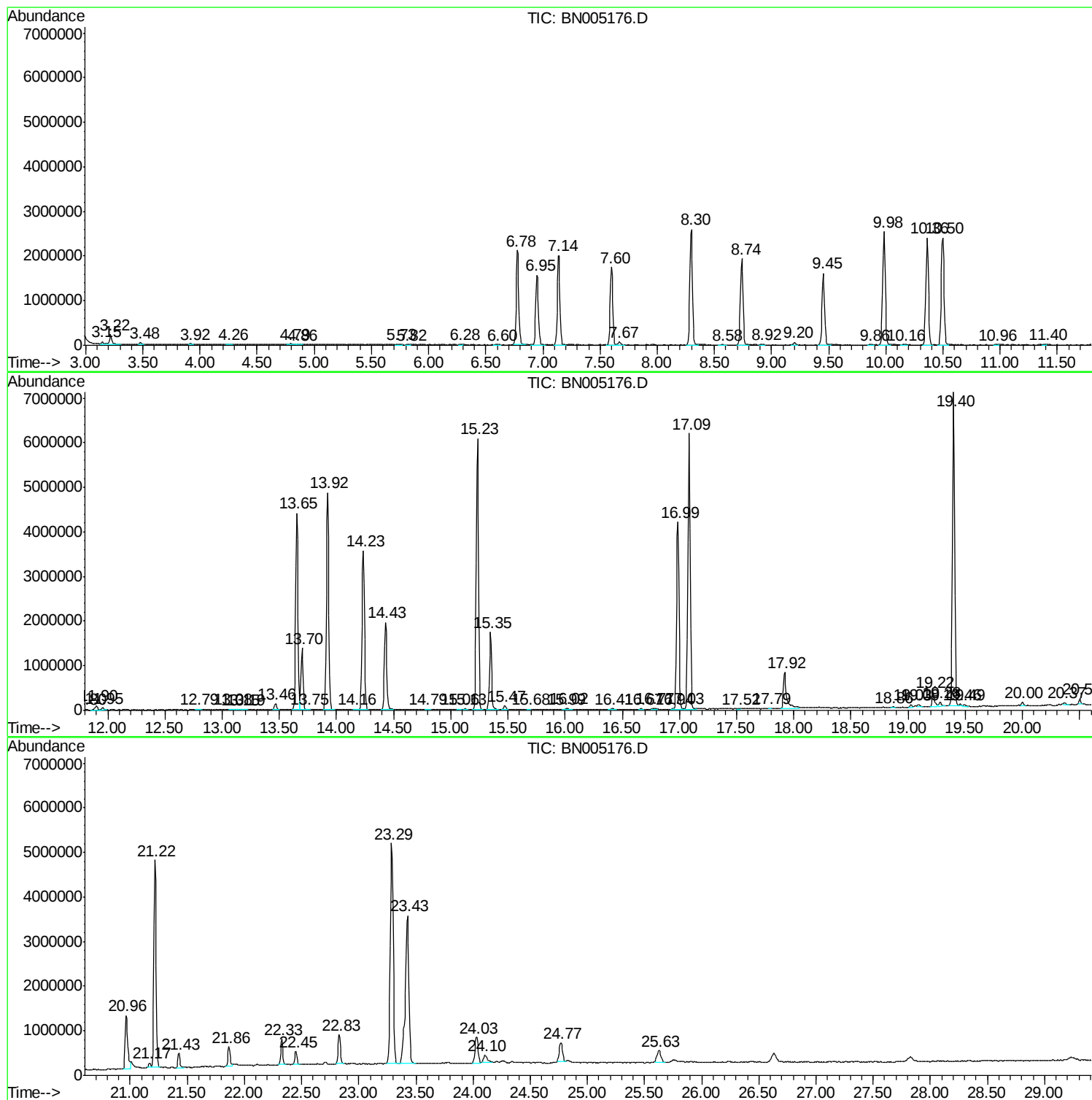
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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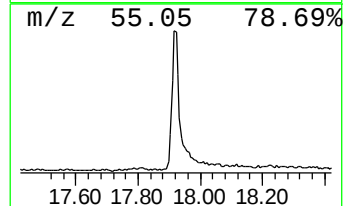
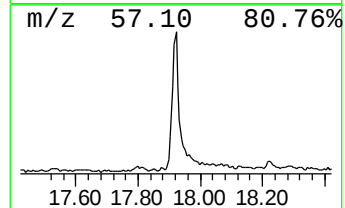
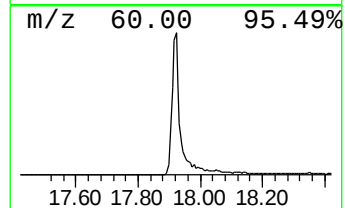
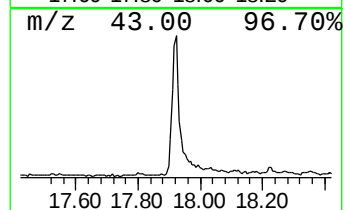
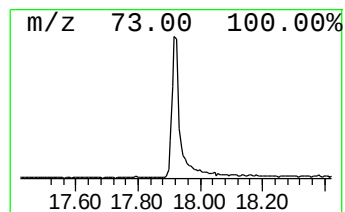
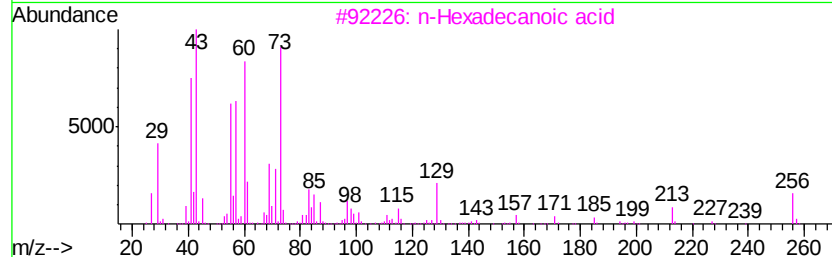
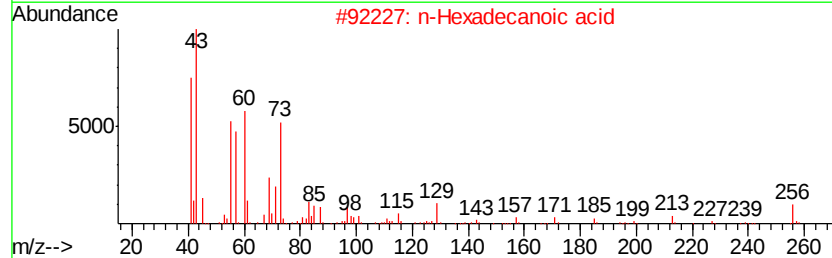
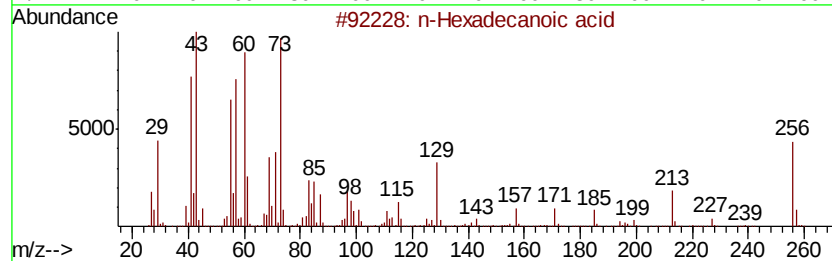
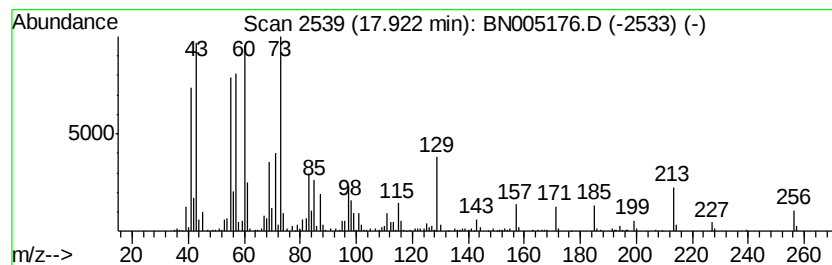
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.92	5.37 ng/ul	1626880	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	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



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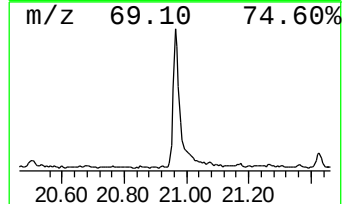
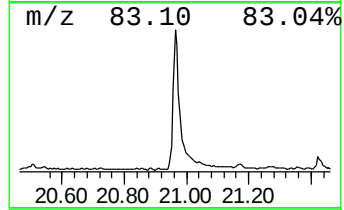
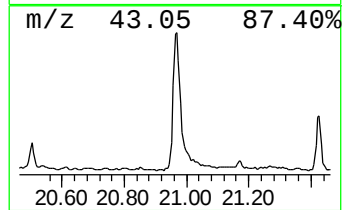
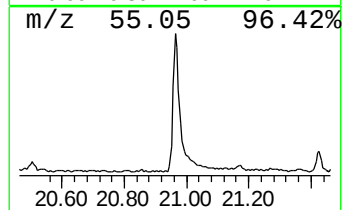
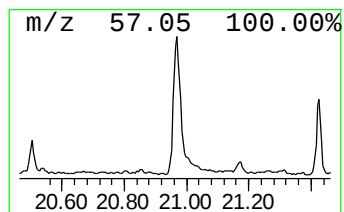
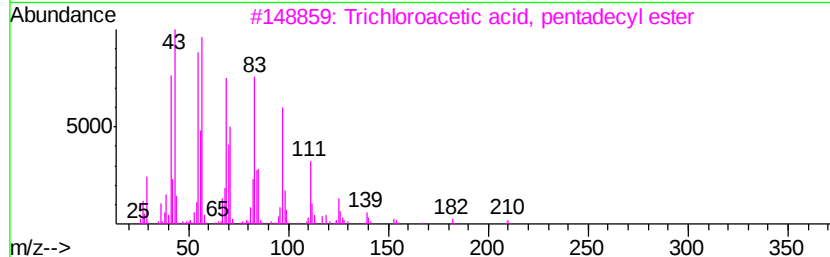
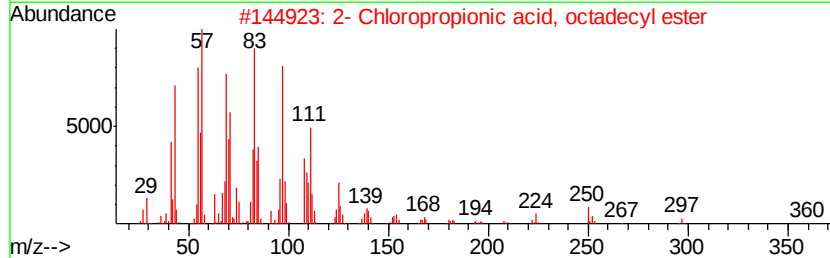
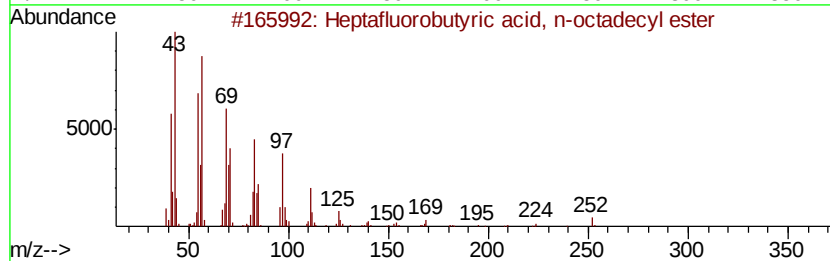
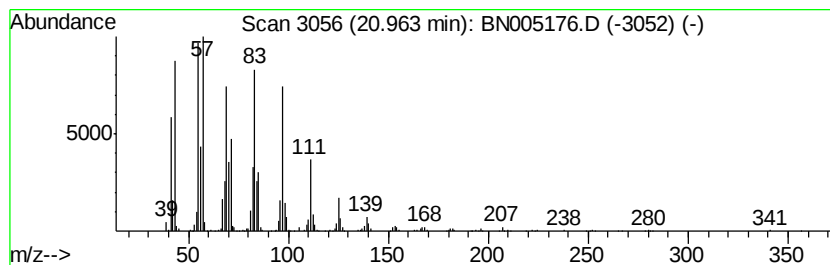
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.96	6.36 ng/ul	1895780	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
2		2-Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	91
3		Trichloroacetic acid, pentadecyl ester	372	C17H31Cl3O2	074339-53-0	91
4		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91
5		1-Docosene	308	C22H44	001599-67-3	90



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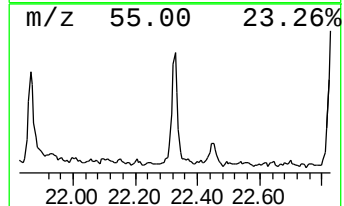
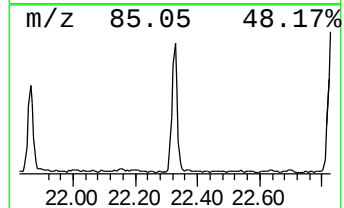
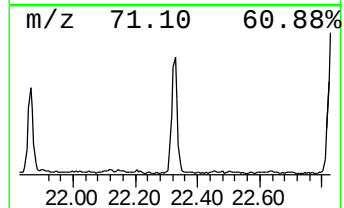
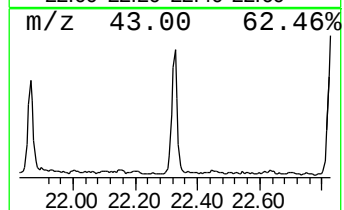
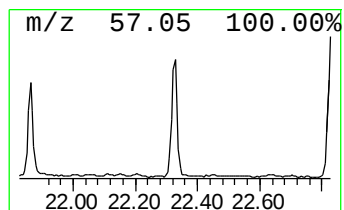
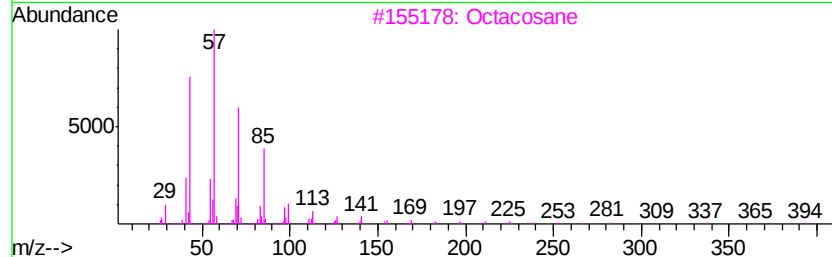
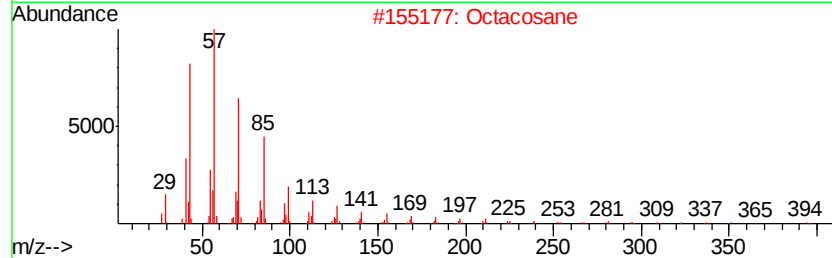
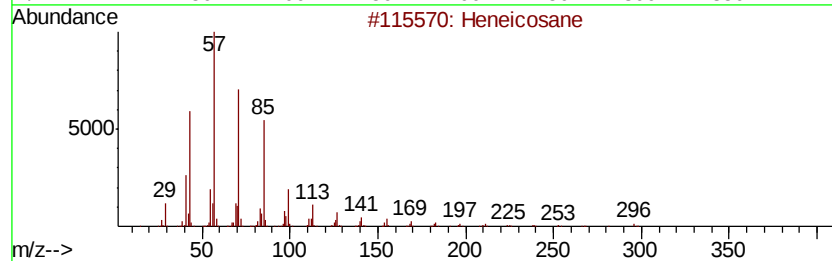
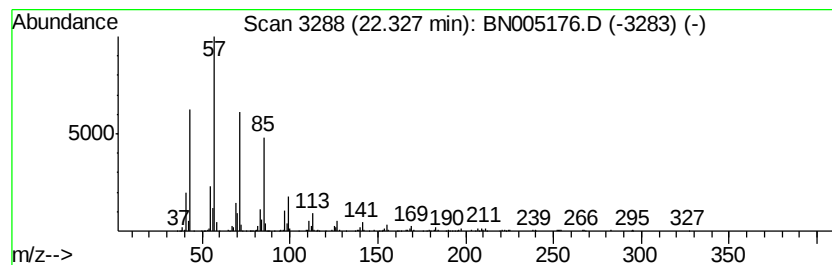
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.01 ng/ul	710556	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Octadecane	254	C18H38	000593-45-3	87



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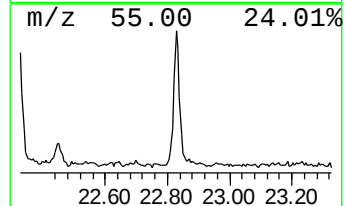
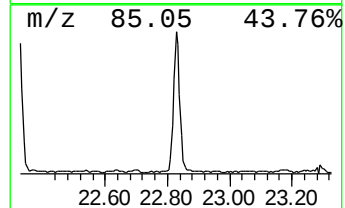
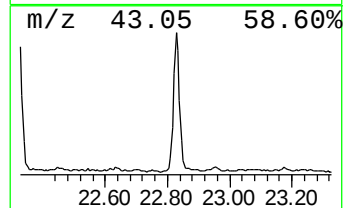
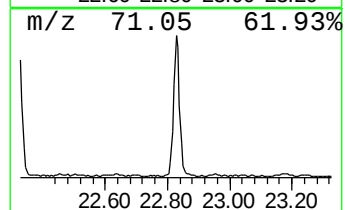
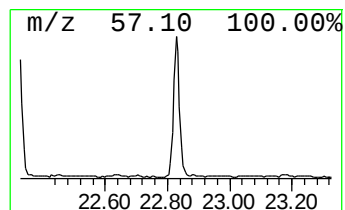
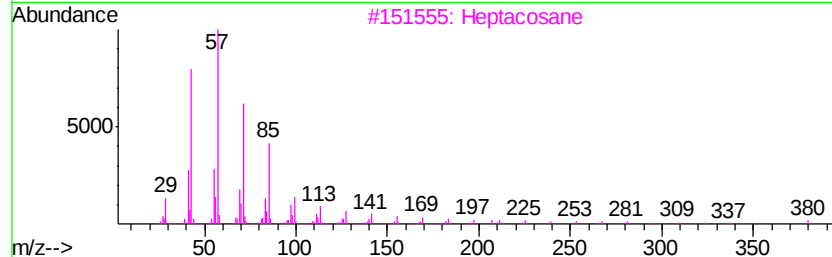
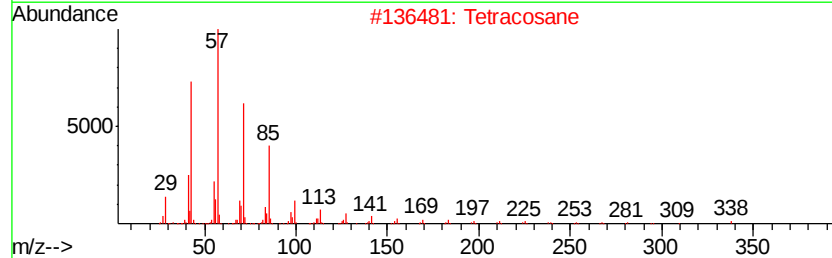
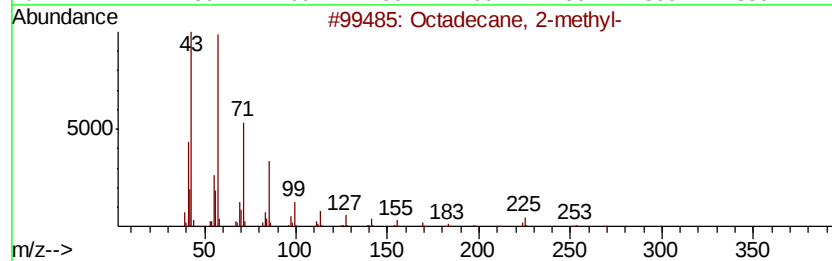
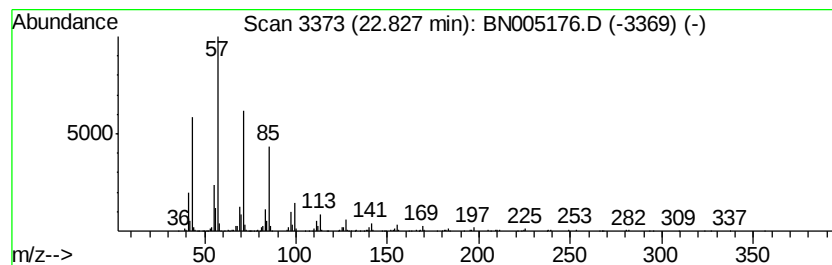
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.48 ng/ul	875382	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005176.D
Acq On : 22 Apr 2019 16:22
Operator : JU/SJ
Sample : K2402-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH5

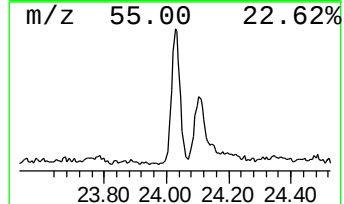
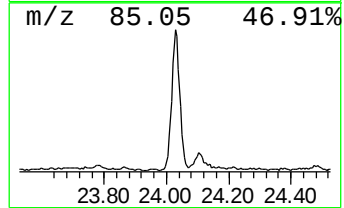
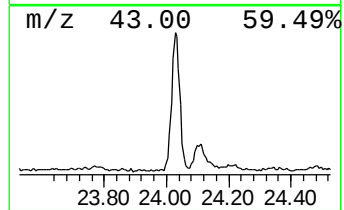
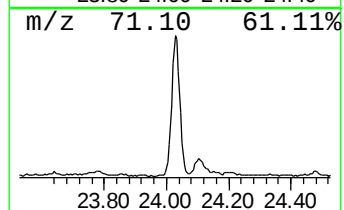
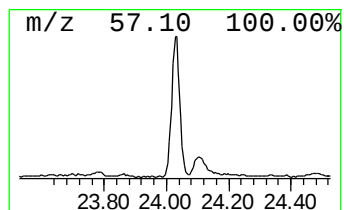
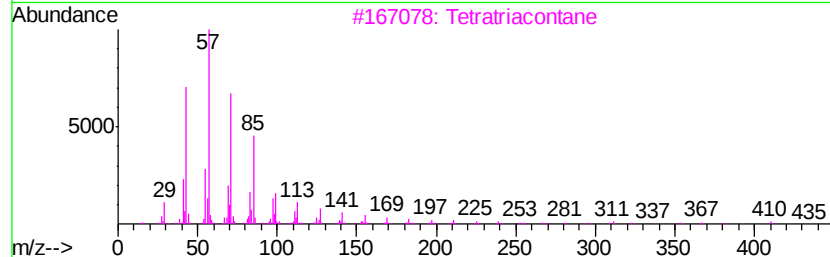
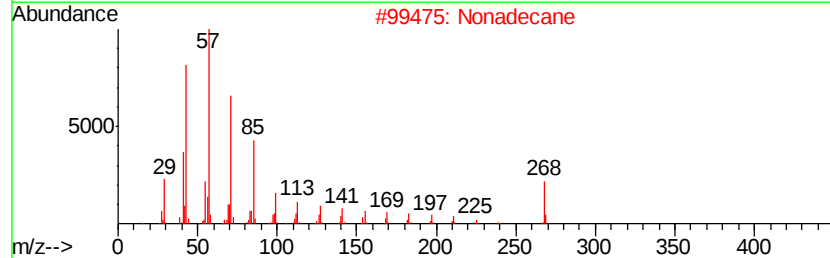
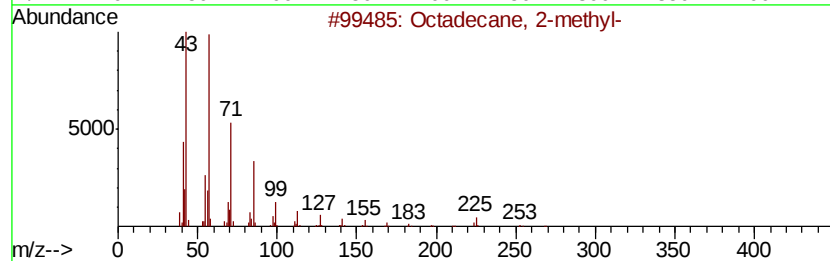
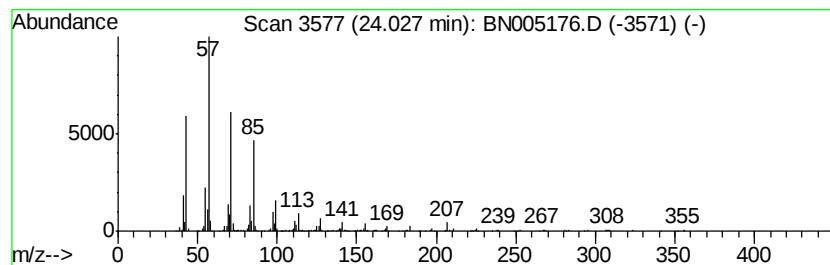
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.12 ng/ul	1101090	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005176.D
Acq On : 22 Apr 2019 16:22
Operator : JU/SJ
Sample : K2402-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

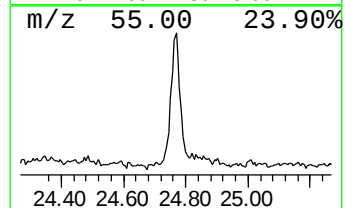
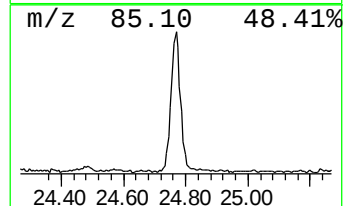
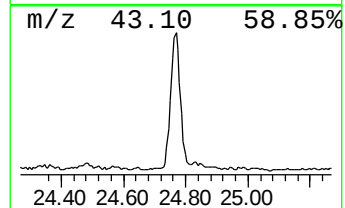
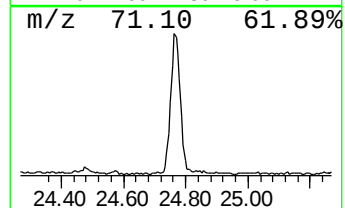
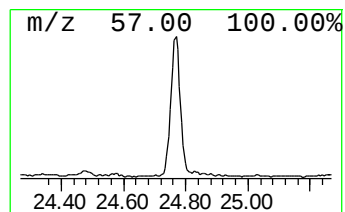
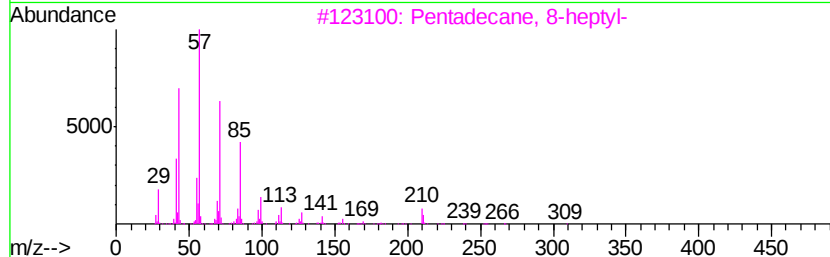
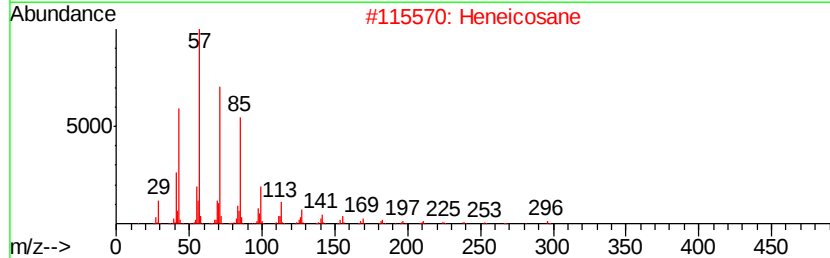
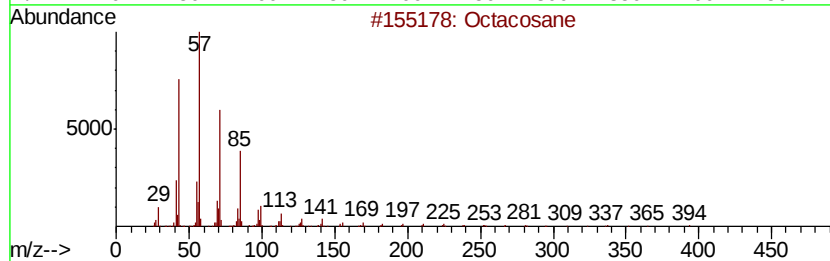
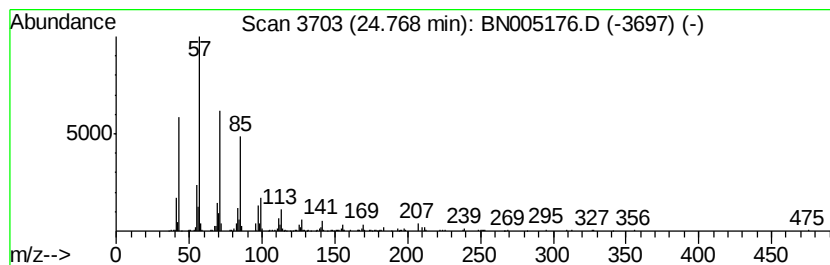
Instrument :
BNA_N
ClientSampleId :
GAHH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.	
24.77	2.47 ng/ul	871004	Perylene-d12	23.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005176.D
Acq On : 22 Apr 2019 16:22
Operator : JU/SJ
Sample : K2402-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	17.92	5.4	ng/ul	1626880	4	16.99	6060240	20.0
Heptafluorobutyri...	20.96	6.4	ng/ul	1895780	5	21.22	5963340	20.0
(DEL) Alkane: Str...	22.33	2.0	ng/ul	710556	6	23.43	7064920	20.0
(DEL) Alkane: Str...	22.83	2.5	ng/ul	875382	6	23.43	7064920	20.0
(DEL) Alkane: Str...	24.03	3.1	ng/ul	1101090	6	23.43	7064920	20.0
(DEL) Alkane: Str...	24.77	2.5	ng/ul	871004	6	23.43	7064920	20.0