

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005261.D
 Acq On : 24 Apr 2019 21:37
 Operator : JU/SJ
 Sample : K2456-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN7

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	3.216	35	39	53	rVB	98502	139576	1.28%	0.113%
2	3.469	78	82	92	rBV	40916	71495	0.65%	0.058%
3	3.916	154	158	160	rBV2	15319	19564	0.18%	0.016%
4	3.999	169	172	178	rVB6	8952	12575	0.12%	0.010%
5	4.793	300	307	310	rBV6	10250	20665	0.19%	0.017%
6	5.722	462	465	475	rVB	18996	30013	0.27%	0.024%
7	6.275	556	559	565	rVB6	7736	12119	0.11%	0.010%
8	6.605	610	615	617	rBV5	8640	12270	0.11%	0.010%
9	6.775	637	644	657	rVB	2000125	3111594	28.47%	2.517%
10	6.946	661	673	684	rBV	1450451	2269021	20.76%	1.836%
11	7.134	696	705	713	rBV	1914015	2991274	27.37%	2.420%
12	7.599	776	784	791	rBV	1541211	2485949	22.74%	2.011%
13	7.669	792	796	802	rVB3	31467	50595	0.46%	0.041%
14	8.293	895	902	914	rBV	2448463	3819493	34.94%	3.090%
15	8.734	969	977	988	rBV	1947994	3159607	28.91%	2.556%
16	8.851	994	997	1003	rBV6	7850	11362	0.10%	0.009%
17	8.910	1003	1007	1013	rVB5	13032	21080	0.19%	0.017%
18	9.187	1048	1054	1060	rBV	50980	75349	0.69%	0.061%
19	9.451	1091	1099	1113	rBV	1606000	2699822	24.70%	2.184%
20	9.981	1181	1189	1205	rBV	2589462	4285974	39.21%	3.467%
21	10.357	1244	1253	1263	rBV	2398057	3855316	35.27%	3.119%
22	10.493	1268	1276	1292	rBV	2665129	4417464	40.42%	3.574%
23	10.734	1311	1317	1322	rBV2	18153	35630	0.33%	0.029%
24	11.675	1472	1477	1482	rBV5	8716	16018	0.15%	0.013%
25	11.793	1489	1497	1501	rBV5	6639	14404	0.13%	0.012%
26	11.951	1518	1524	1530	rBV2	42253	72080	0.66%	0.058%
27	12.839	1670	1675	1679	rVB5	7296	11105	0.10%	0.009%
28	12.963	1692	1696	1700	rBV3	13320	17786	0.16%	0.014%
29	13.069	1711	1714	1719	rBV4	12763	16389	0.15%	0.013%
30	13.139	1721	1726	1731	rVV4	8363	15095	0.14%	0.012%
31	13.192	1731	1735	1739	rVB4	6327	11660	0.11%	0.009%
32	13.645	1806	1812	1817	rVV	4578414	6578309	60.19%	5.322%
33	13.692	1817	1820	1828	rVV	1450386	1908905	17.46%	1.544%
34	13.916	1850	1858	1870	rBV	5104212	7869188	72.00%	6.366%

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35	14.157	1893	1899	1904	rBV3	15946	20326	0.19%	0.016%
36	14.228	1904	1911	1922	rBV2	3431953	5255164	48.08%	4.252%
37	14.434	1939	1946	1963	rBV	1922850	2980473	27.27%	2.411%
38	14.604	1970	1975	1981	rVB7	10117	21562	0.20%	0.017%
39	14.663	1981	1985	1989	rBV5	17073	26501	0.24%	0.021%
40	14.786	2002	2006	2011	rBV5	5945	11851	0.11%	0.010%
41	14.851	2013	2017	2019	rVV4	11240	15381	0.14%	0.012%
42	14.904	2021	2026	2029	rVB4	9438	15978	0.15%	0.013%
43	15.057	2047	2052	2058	rBV6	14032	24444	0.22%	0.020%
44	15.116	2058	2062	2066	rVB2	23136	33377	0.31%	0.027%
45	15.228	2074	2081	2088	rBV	6729412	9489185	86.82%	7.677%
46	15.351	2095	2102	2116	rBV	1362660	1968735	18.01%	1.593%
47	15.469	2116	2122	2127	rBV	88429	125484	1.15%	0.102%
48	15.669	2154	2156	2161	rVB5	11708	15628	0.14%	0.013%
49	15.928	2195	2200	2203	rBV6	7127	11749	0.11%	0.010%
50	15.981	2206	2209	2211	rBV2	20153	21100	0.19%	0.017%
51	16.016	2211	2215	2222	rVB4	32994	55296	0.51%	0.045%
52	16.339	2264	2270	2275	rBV8	8452	21380	0.20%	0.017%
53	16.392	2275	2279	2284	rBV8	12326	17397	0.16%	0.014%
54	16.663	2321	2325	2330	rVB7	16394	24157	0.22%	0.020%
55	16.775	2339	2344	2351	rBV2	41654	68166	0.62%	0.055%
56	16.980	2373	2379	2389	rVV2	4354744	6346245	58.06%	5.134%
57	17.080	2389	2396	2407	rVV	6998833	10219389	93.50%	8.268%
58	17.180	2411	2413	2419	rVB6	9776	18919	0.17%	0.015%
59	17.245	2421	2424	2426	rBV3	10491	13781	0.13%	0.011%
60	17.357	2439	2443	2448	rVB7	10007	15347	0.14%	0.012%
61	17.516	2466	2470	2474	rBV6	22265	33669	0.31%	0.027%
62	17.675	2494	2497	2501	rVB5	10598	13666	0.13%	0.011%
63	17.910	2532	2537	2545	rBV	683060	1097635	10.04%	0.888%
64	18.210	2584	2588	2594	rVB6	28099	45383	0.42%	0.037%
65	18.857	2695	2698	2700	rBV2	26157	24849	0.23%	0.020%
66	19.022	2722	2726	2730	rBV2	80772	115230	1.05%	0.093%
67	19.057	2730	2732	2735	rVV4	21360	26604	0.24%	0.022%
68	19.210	2753	2758	2765	rBV	221959	364629	3.34%	0.295%
69	19.280	2766	2770	2775	rVB	81794	122749	1.12%	0.099%
70	19.392	2781	2789	2796	rBV	7662571	10930082	100.00%	8.843%
71	19.445	2796	2798	2801	rVV	59709	62376	0.57%	0.050%

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72	19.480	2801	2804	2810	rVB7	24503	33898	0.31%	0.027%
73	19.986	2887	2890	2894	rBV2	90719	95835	0.88%	0.078%
74	20.221	2928	2930	2932	rBV3	13556	17218	0.16%	0.014%
75	20.357	2950	2953	2958	rBV2	46779	51739	0.47%	0.042%
76	20.492	2972	2976	2979	rVB	114952	117209	1.07%	0.095%
77	20.957	3050	3055	3071	rBV2	401375	700144	6.41%	0.566%
78	21.210	3092	3098	3107	rBV	4024011	5368035	49.11%	4.343%
79	21.351	3118	3122	3126	rVB3	113906	135968	1.24%	0.110%
80	21.404	3128	3131	3135	rVV	187911	208551	1.91%	0.169%
81	21.839	3201	3205	3214	rBV	300012	382481	3.50%	0.309%
82	22.298	3279	3283	3288	rVB	434924	530038	4.85%	0.429%
83	22.798	3363	3368	3375	rVB	484941	683831	6.26%	0.553%
84	23.274	3441	3449	3457	rBV	4402440	7988667	73.09%	6.463%
85	23.357	3458	3463	3466	rVV	505819	817922	7.48%	0.662%
86	23.410	3466	3472	3480	rVB	2540680	4703524	43.03%	3.805%
87	23.986	3565	3570	3579	rVB	423632	795756	7.28%	0.644%
88	24.715	3689	3694	3704	rVB	324993	702695	6.43%	0.569%
89	25.568	3834	3839	3848	rVB2	202534	458873	4.20%	0.371%

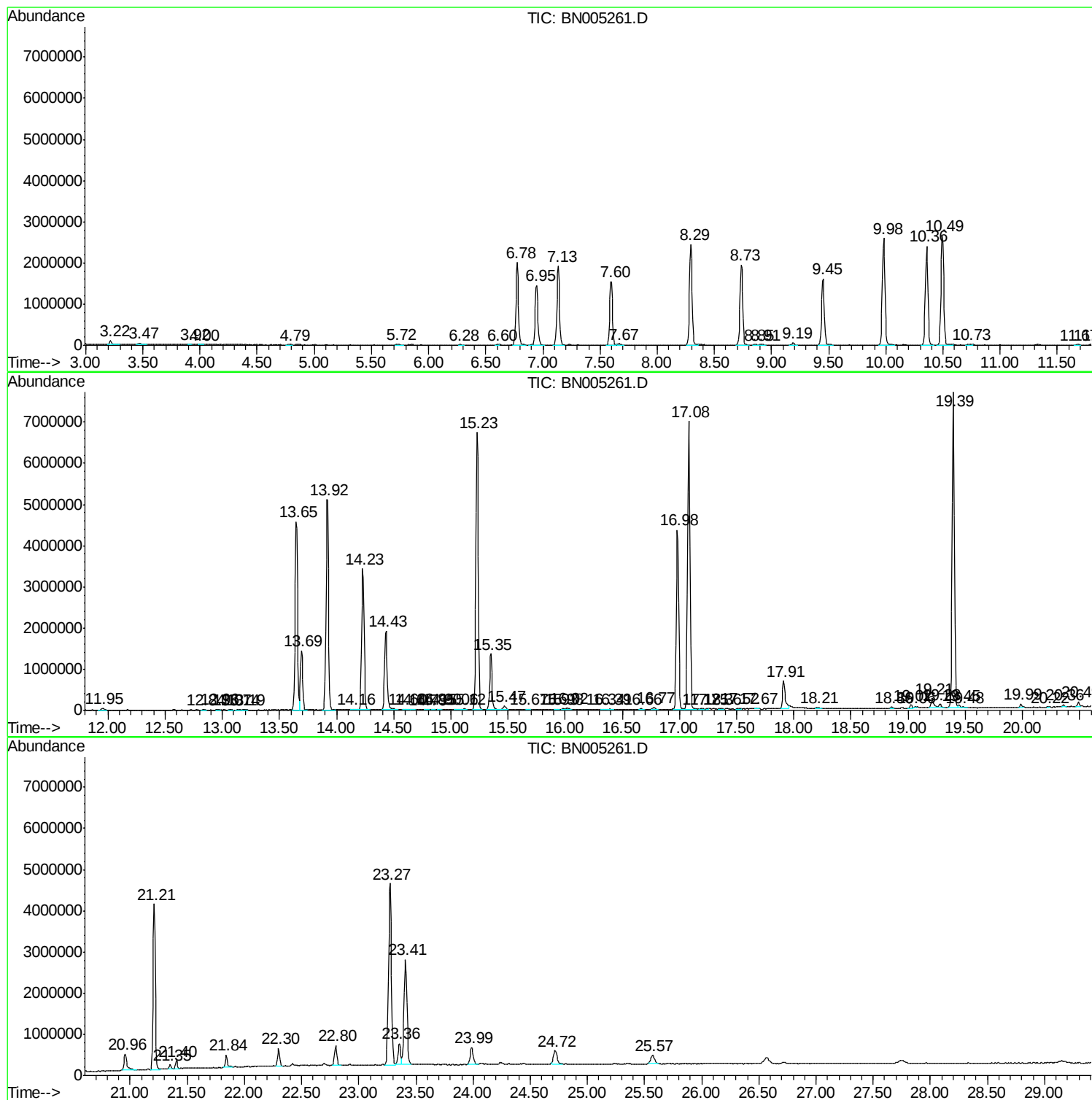
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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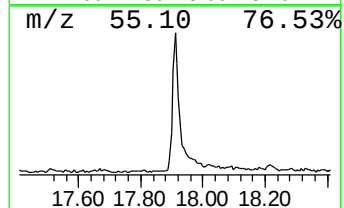
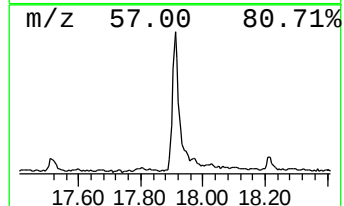
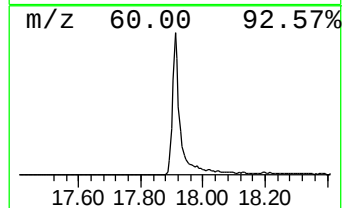
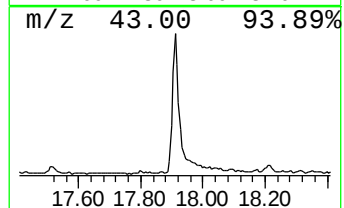
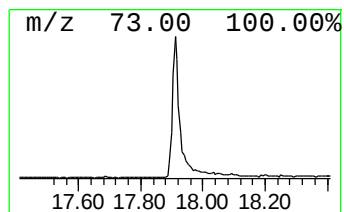
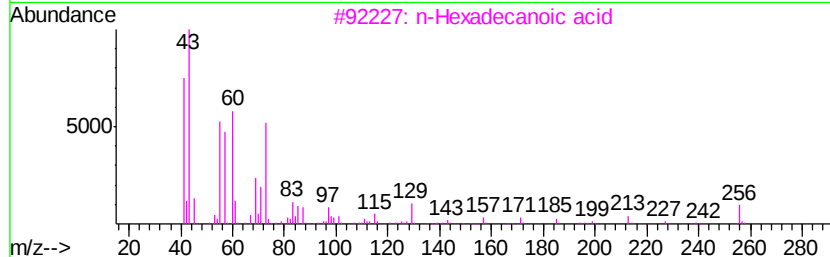
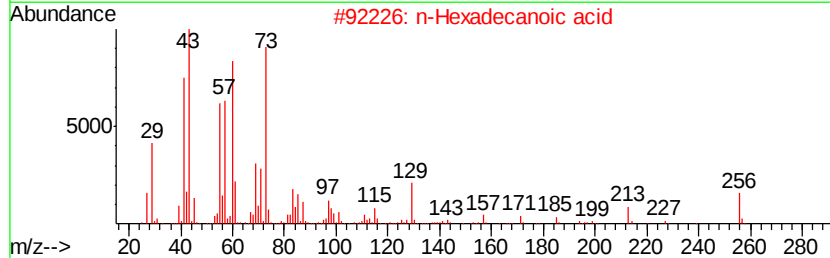
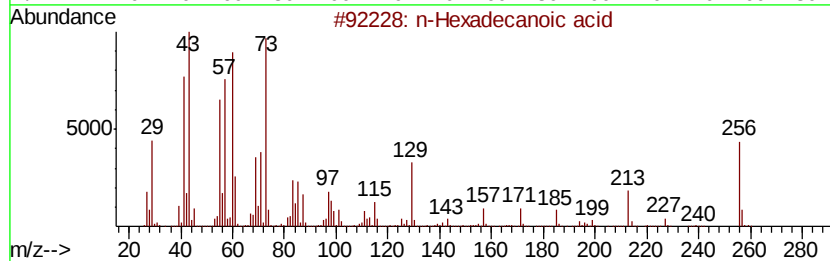
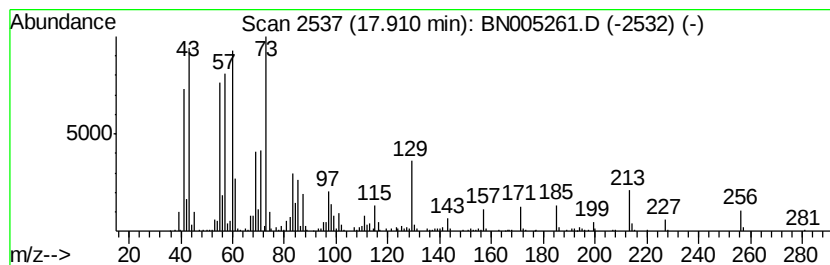
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.	
17.91	3.46 ng/ul	1097640	Phenanthrene-d10	16.98	
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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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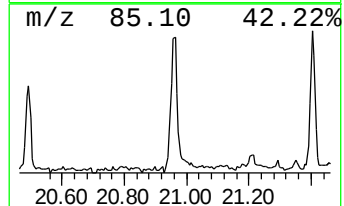
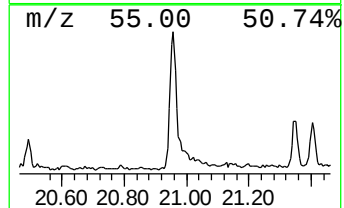
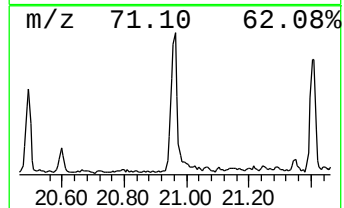
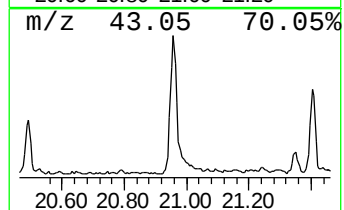
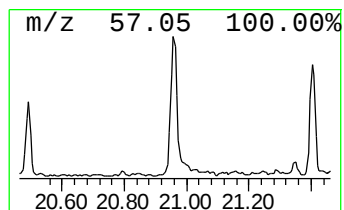
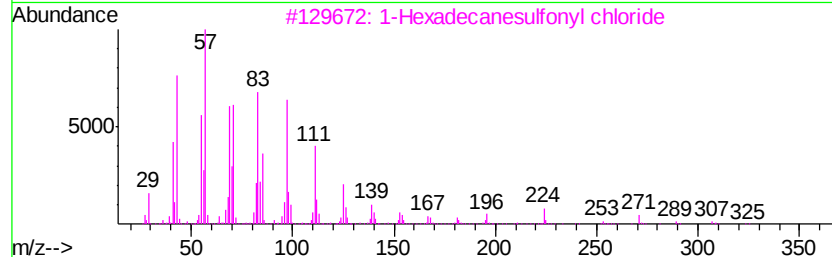
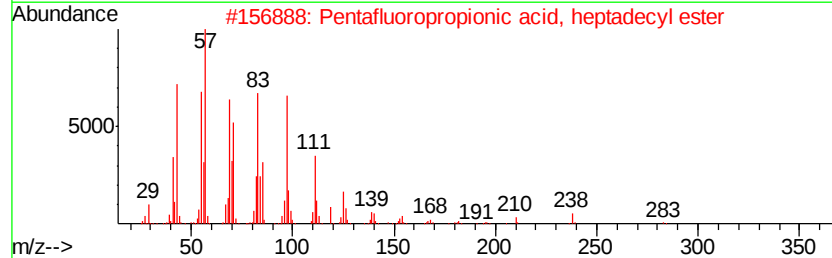
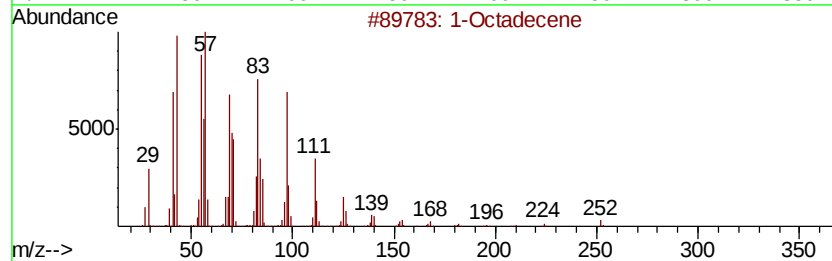
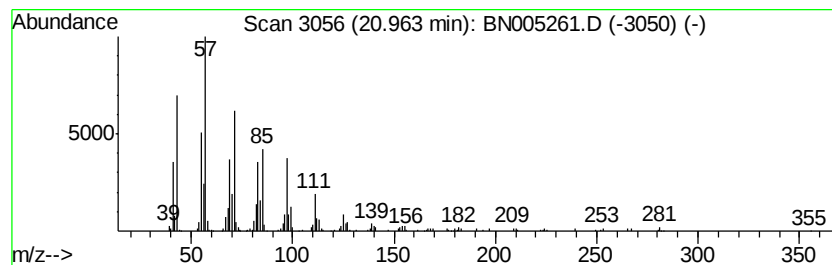
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.61 ng/ul	700144	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene	252 C18H36	000112-88-9	91
2	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2	87
3	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	87
4	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	87
5	17-Pentatriacontene	491 C35H70	006971-40-0	81



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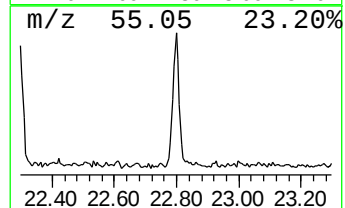
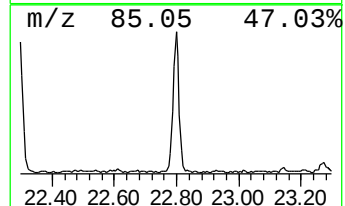
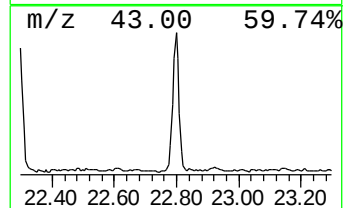
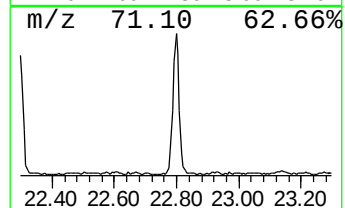
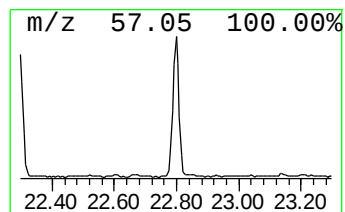
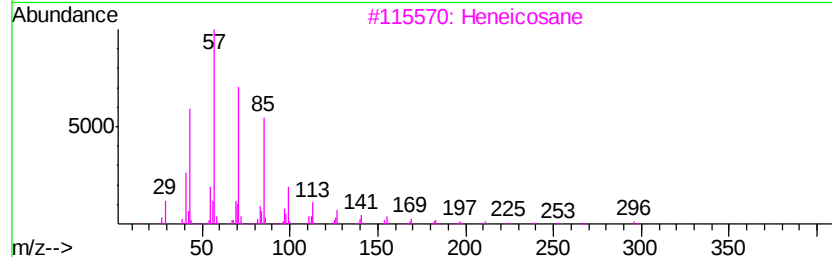
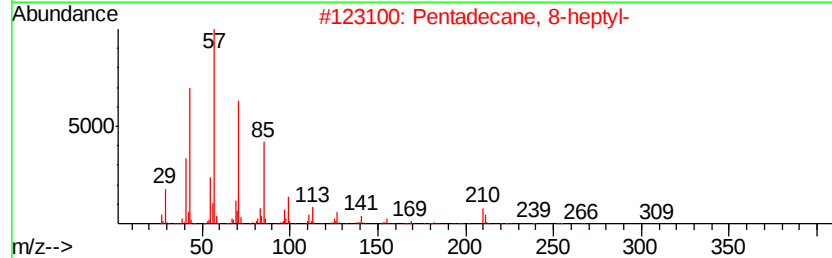
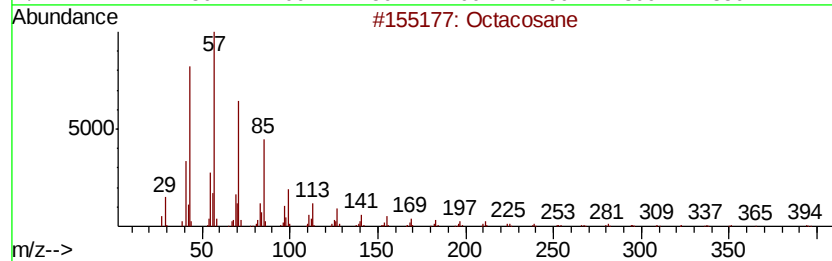
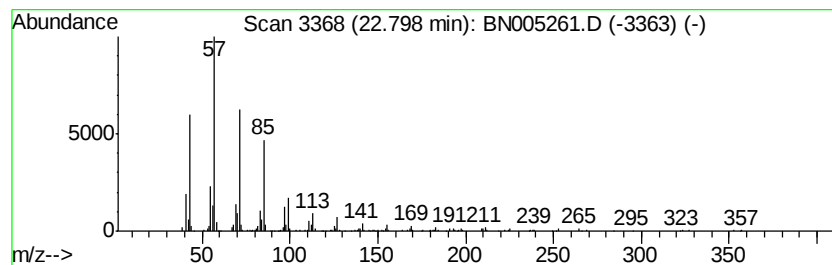
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.91 ng/ul	683831	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Eicosane	282	C20H42	000112-95-8	87



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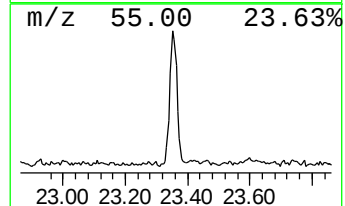
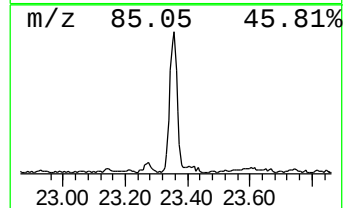
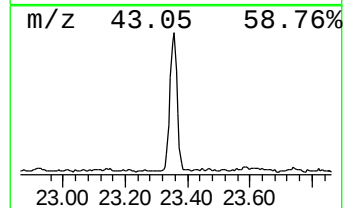
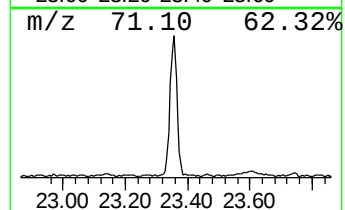
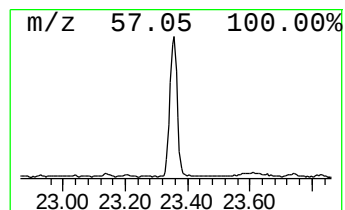
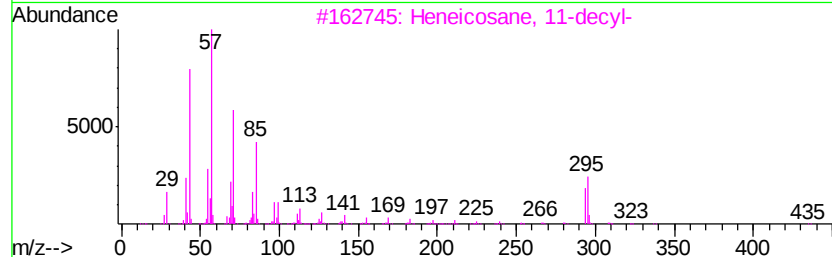
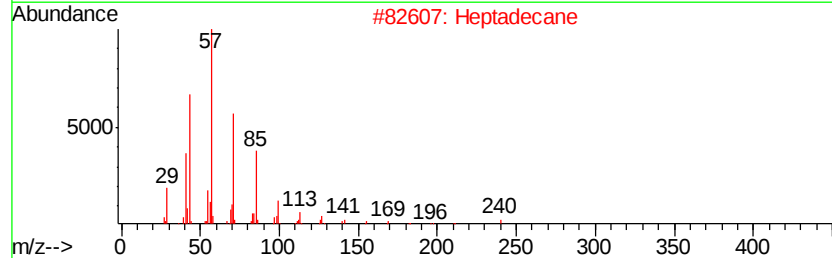
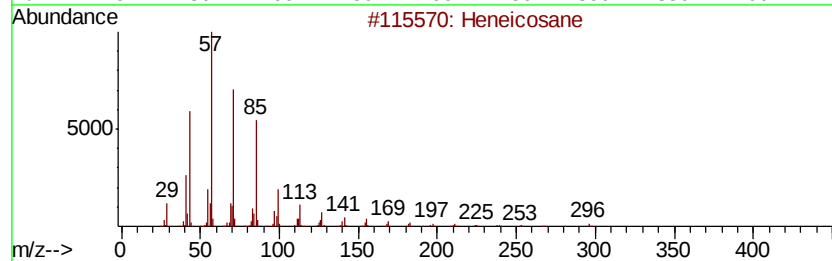
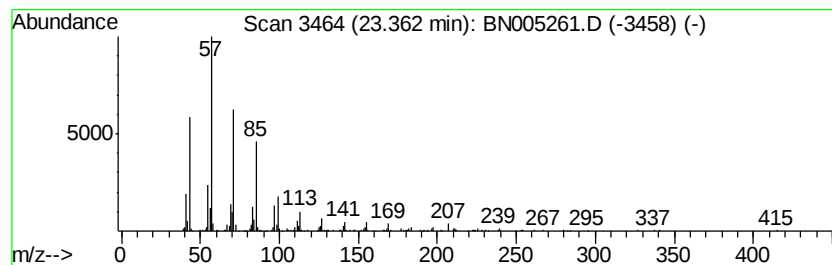
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	3.48 ng/ul	817922	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005261.D
Acq On : 24 Apr 2019 21:37
Operator : JU/SJ
Sample : K2456-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN7

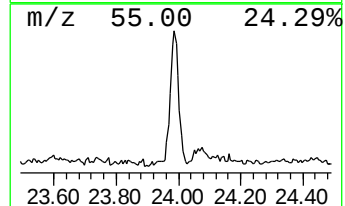
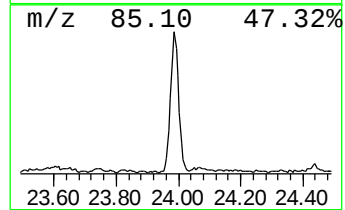
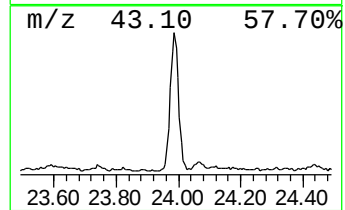
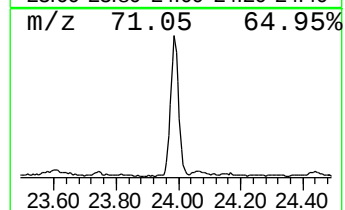
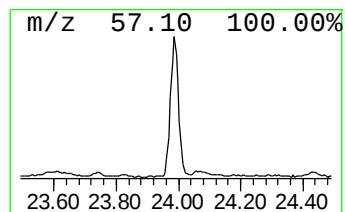
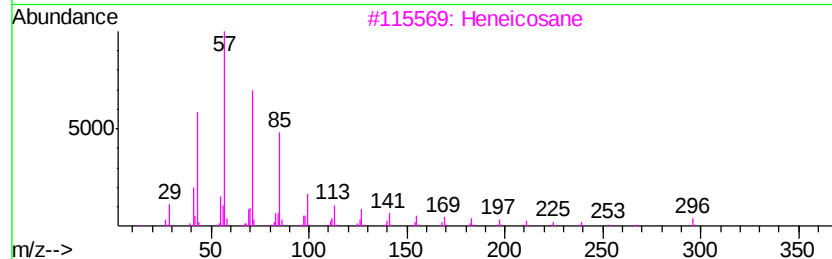
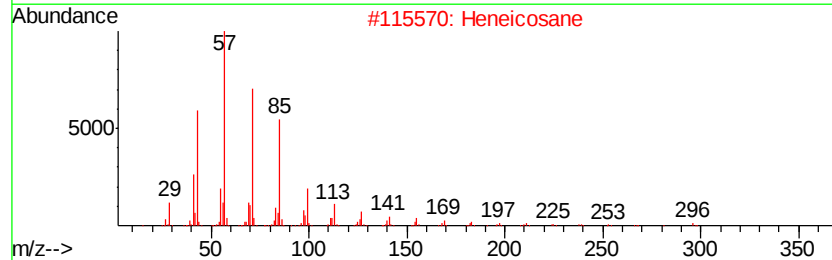
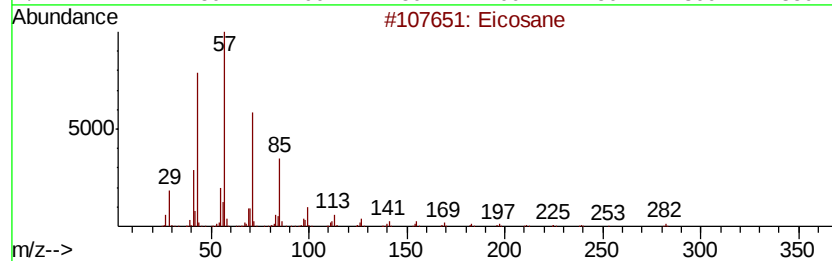
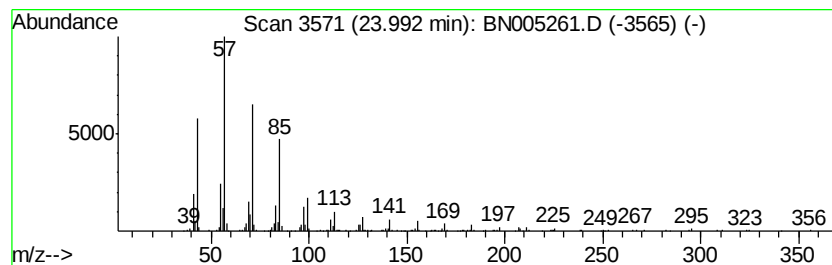
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Quant Title : SVOA CALIBRATION

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.
23.99	3.38 ng/ul	795756	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005261.D
Acq On : 24 Apr 2019 21:37
Operator : JU/SJ
Sample : K2456-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN7

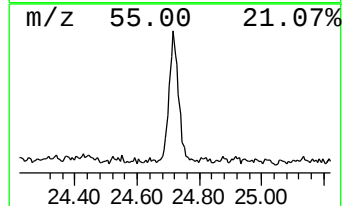
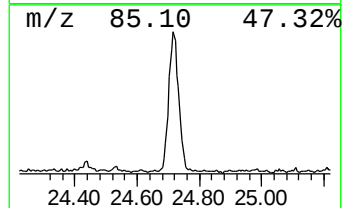
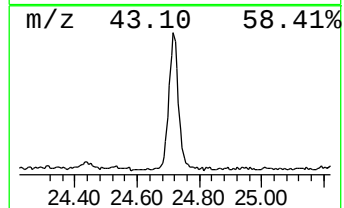
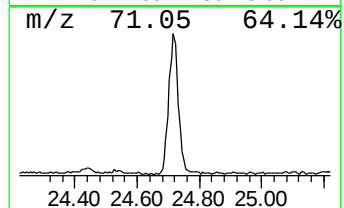
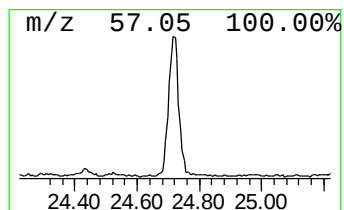
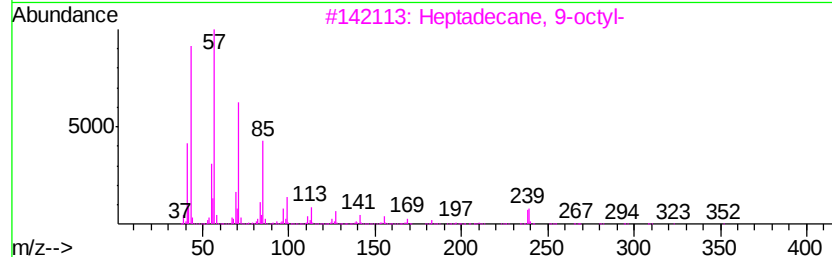
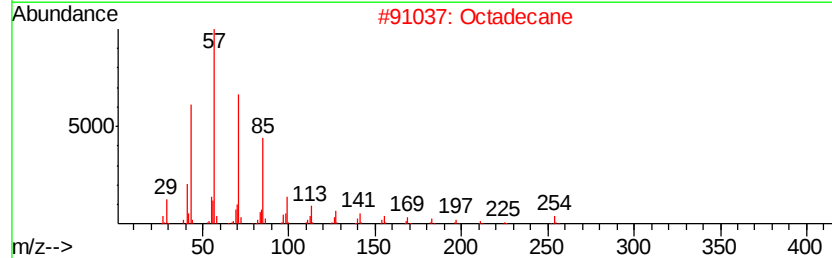
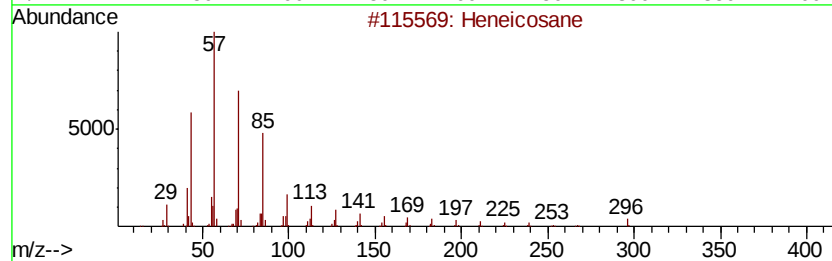
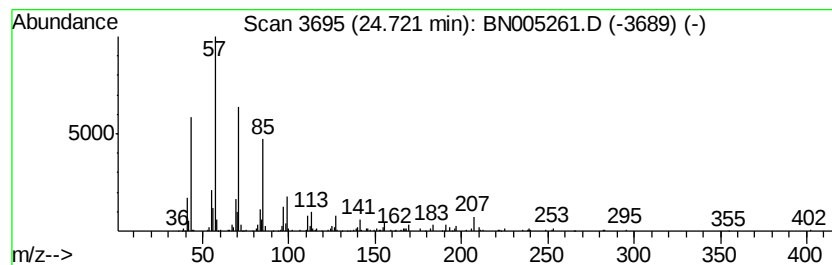
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	2.99 ng/ul	702695	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Octadecane	254	C18H38	000593-45-3	95
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005261.D
Acq On : 24 Apr 2019 21:37
Operator : JU/SJ
Sample : K2456-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN7

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	17.91	3.5	ng/ul	1097640	4	16.98	6346250	20.0
(DEL) Alkane: Cyc...	20.96	2.6	ng/ul	700144	5	21.21	5368040	20.0
(DEL) Alkane: Str...	22.80	2.9	ng/ul	683831	6	23.41	4703520	20.0
(DEL) Alkane: Str...	23.36	3.5	ng/ul	817922	6	23.41	4703520	20.0
(DEL) Alkane: Str...	23.99	3.4	ng/ul	795756	6	23.41	4703520	20.0
(DEL) Alkane: Str...	24.72	3.0	ng/ul	702695	6	23.41	4703520	20.0