

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019800.D
 Acq On : 08 Apr 2019 18:22
 Operator : JU/SJ
 Sample : K2218-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF612

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	3.116	20	22	30	rVB	18135	27493	1.03%	0.091%
2	3.528	89	92	95	rBV4	5891	7273	0.27%	0.024%
3	3.616	104	107	114	rBV	24639	36346	1.37%	0.121%
4	3.693	116	120	125	rVB4	6863	9587	0.36%	0.032%
5	4.710	290	293	295	rBV3	2996	3267	0.12%	0.011%
6	6.751	634	640	661	rBV	172751	387488	14.58%	1.285%
7	6.916	661	668	689	rVV	140567	280510	10.55%	0.930%
8	7.093	691	698	711	rBV	217505	384257	14.45%	1.274%
9	7.428	748	755	758	rVB5	1387	2989	0.11%	0.010%
10	7.557	770	777	786	rBV	400331	660375	24.84%	2.190%
11	7.875	829	831	835	rVB3	2165	2711	0.10%	0.009%
12	8.281	894	900	919	rBV	143534	311174	11.71%	1.032%
13	8.416	919	923	932	rVB4	4599	10058	0.38%	0.033%
14	8.734	971	977	994	rBV	197439	383694	14.43%	1.272%
15	9.045	1024	1030	1038	rVB2	10775	16668	0.63%	0.055%
16	9.445	1091	1098	1113	rBV	166247	321943	12.11%	1.068%
17	9.981	1182	1189	1211	rBV	213963	513811	19.33%	1.704%
18	10.334	1241	1249	1258	rBV	673449	1104237	41.54%	3.662%
19	10.516	1274	1280	1301	rBV	103921	313750	11.80%	1.041%
20	11.904	1511	1516	1521	rBV2	12760	25507	0.96%	0.085%
21	11.951	1523	1524	1530	rVB3	4121	4780	0.18%	0.016%
22	13.010	1700	1704	1709	rBV3	3738	4836	0.18%	0.016%
23	13.504	1783	1788	1791	rBV4	3258	3593	0.14%	0.012%
24	13.639	1804	1811	1816	rBV	650854	922298	34.69%	3.059%
25	13.692	1816	1820	1828	rVB	178468	268675	10.11%	0.891%
26	13.910	1851	1857	1866	rBV	714244	1050324	39.51%	3.483%
27	14.104	1886	1890	1892	rVB2	3234	3292	0.12%	0.011%
28	14.222	1903	1910	1921	rBV2	1034889	1589495	59.79%	5.271%
29	14.498	1951	1957	1980	rBV2	86567	303738	11.43%	1.007%
30	14.651	1980	1983	1986	rVB4	3971	6251	0.24%	0.021%
31	15.004	2038	2043	2049	rBV3	4021	5463	0.21%	0.018%
32	15.063	2049	2053	2057	rVB3	5518	6189	0.23%	0.021%
33	15.221	2074	2080	2088	rBV	1061737	1462817	55.03%	4.851%
34	15.292	2089	2092	2099	rVV	16300	21089	0.79%	0.070%

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35	15.380	2101	2107	2119	rBV	197872	335611	12.62%	1.113%
36	15.463	2119	2121	2126	rVB3	14649	18410	0.69%	0.061%
37	15.798	2173	2178	2182	rVB4	3315	4142	0.16%	0.014%
38	15.839	2182	2185	2189	rBV2	1902	2890	0.11%	0.010%
39	15.945	2195	2203	2208	rBV2	14696	27754	1.04%	0.092%
40	16.010	2211	2214	2217	rBV2	3330	3550	0.13%	0.012%
41	16.104	2226	2230	2232	rBV4	3635	5864	0.22%	0.019%
42	16.180	2240	2243	2250	rVB3	3867	4177	0.16%	0.014%
43	16.333	2266	2269	2273	rBV2	2976	3613	0.14%	0.012%
44	16.392	2273	2279	2284	rVV4	5359	10111	0.38%	0.034%
45	16.527	2296	2302	2308	rBV3	14507	21704	0.82%	0.072%
46	16.721	2329	2335	2338	rBV	7252	8442	0.32%	0.028%
47	16.751	2338	2340	2341	rVV2	4621	4099	0.15%	0.014%
48	16.774	2341	2344	2347	rVB4	6795	9588	0.36%	0.032%
49	16.874	2355	2361	2368	rBV2	39854	61149	2.30%	0.203%
50	16.980	2373	2379	2390	rVB	1530031	2116732	79.62%	7.020%
51	17.080	2390	2396	2407	rBV	1126606	1667042	62.71%	5.529%
52	17.186	2412	2414	2423	rVB6	6984	12025	0.45%	0.040%
53	17.274	2427	2429	2433	rVB4	4664	4756	0.18%	0.016%
54	17.321	2435	2437	2441	rVB4	4601	4665	0.18%	0.015%
55	17.362	2441	2444	2445	rBV3	3098	2994	0.11%	0.010%
56	17.457	2456	2460	2463	rBV2	9812	13885	0.52%	0.046%
57	17.610	2484	2486	2490	rBV3	7849	8564	0.32%	0.028%
58	17.645	2490	2492	2495	rVB4	3875	4289	0.16%	0.014%
59	17.680	2495	2498	2500	rVB4	3198	3194	0.12%	0.011%
60	17.710	2500	2503	2504	rBV3	4196	4156	0.16%	0.014%
61	17.757	2505	2511	2516	rBV7	12512	23629	0.89%	0.078%
62	17.815	2517	2521	2525	rVB5	12042	15554	0.59%	0.052%
63	17.874	2525	2531	2543	rBV	381574	601646	22.63%	1.995%
64	18.174	2575	2582	2589	rBV6	26779	62572	2.35%	0.208%
65	18.274	2597	2599	2602	rBV4	3552	3288	0.12%	0.011%
66	18.404	2618	2621	2623	rBV4	4083	5580	0.21%	0.019%
67	18.480	2631	2634	2635	rBV2	5816	5022	0.19%	0.017%
68	18.557	2643	2647	2652	rBV6	9157	16980	0.64%	0.056%
69	18.798	2684	2688	2692	rBV2	14167	18459	0.69%	0.061%
70	19.021	2722	2726	2728	rBV2	29516	41748	1.57%	0.138%
71	19.045	2728	2730	2741	rVB6	39981	94325	3.55%	0.313%

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72	19.168	2746	2751	2761	rBV	226996	372175	14.00%	1.234%
73	19.392	2783	2789	2797	rBV	1486044	2061972	77.56%	6.838%
74	19.921	2873	2879	2883	rBV4	42497	79062	2.97%	0.262%
75	20.421	2960	2964	2969	rBV3	48284	70025	2.63%	0.232%
76	20.892	3040	3044	3052	rVB	474559	663368	24.95%	2.200%
77	21.098	3076	3079	3083	rVB	49237	53799	2.02%	0.178%
78	21.192	3090	3095	3104	rBV	2058988	2658414	100.00%	8.816%
79	21.321	3115	3117	3122	rBV	68759	79836	3.00%	0.265%
80	21.745	3187	3189	3193	rBV	119872	132049	4.97%	0.438%
81	22.197	3263	3266	3271	rVB2	184641	217176	8.17%	0.720%
82	22.692	3345	3350	3356	rVB	290002	432108	16.25%	1.433%
83	23.250	3438	3445	3454	rBV2	1014759	1993402	74.98%	6.611%
84	23.392	3463	3469	3481	rVB	1205902	2313799	87.04%	7.673%
85	23.856	3544	3548	3557	rVB	349278	637686	23.99%	2.115%
86	23.962	3562	3566	3577	rVB4	222463	519807	19.55%	1.724%
87	25.974	3901	3908	3922	rVB2	790596	2160433	81.27%	7.165%

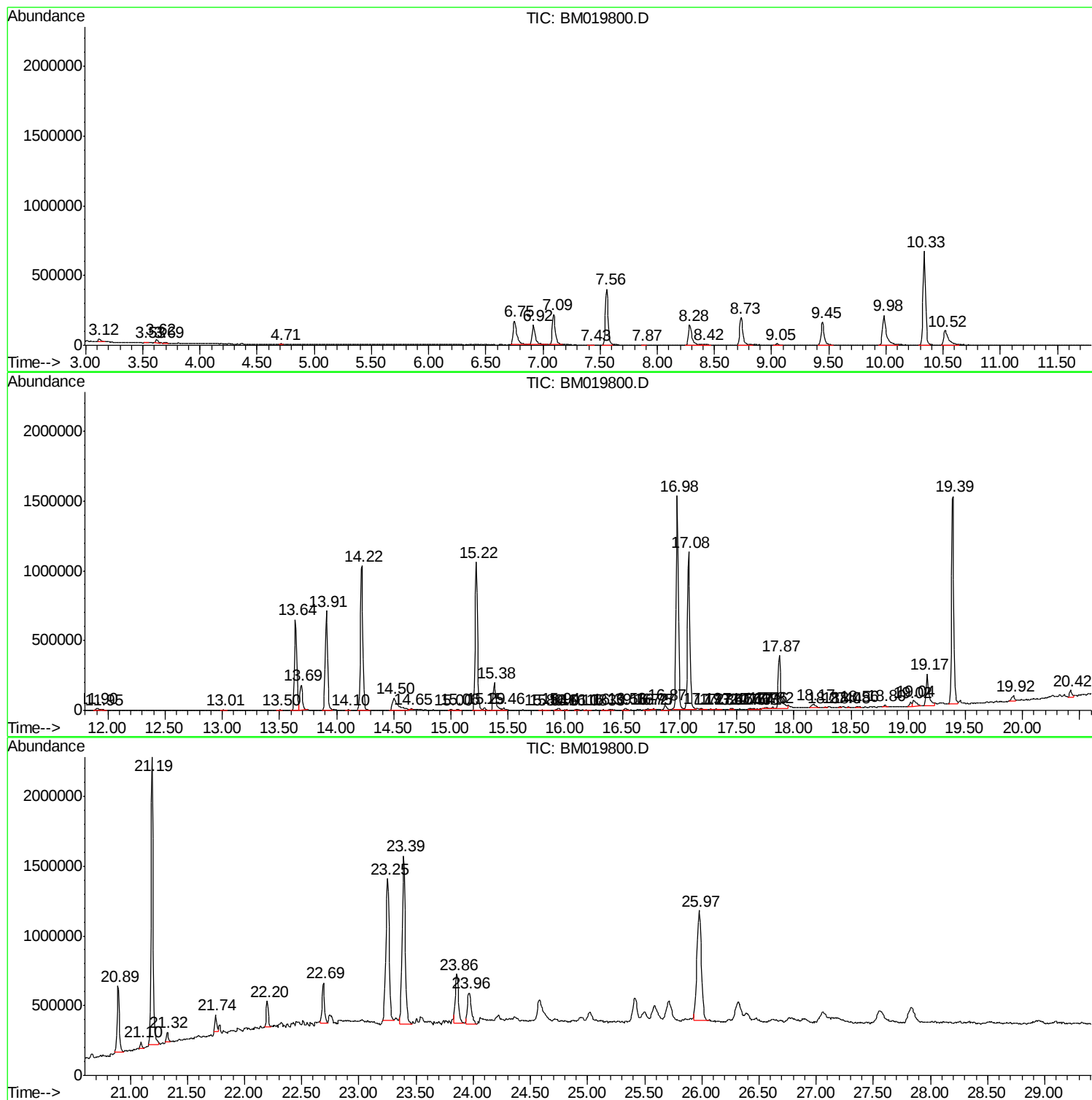
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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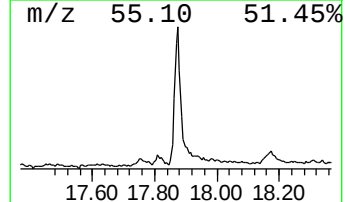
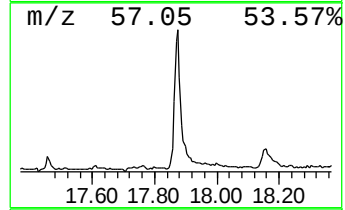
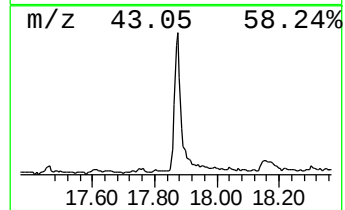
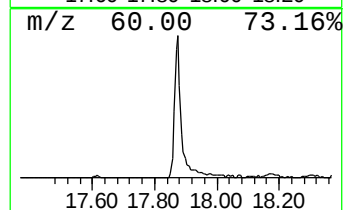
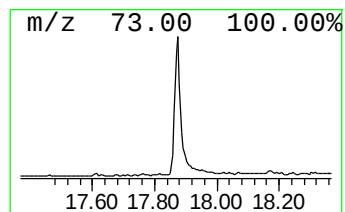
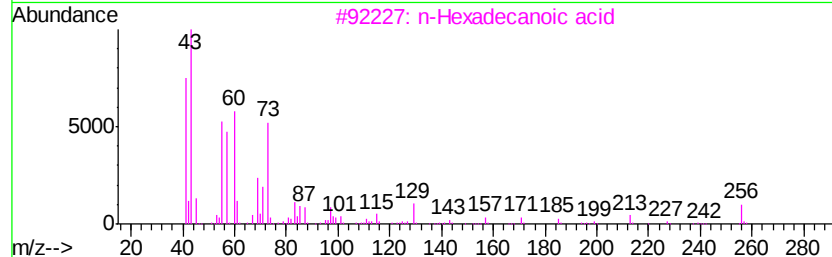
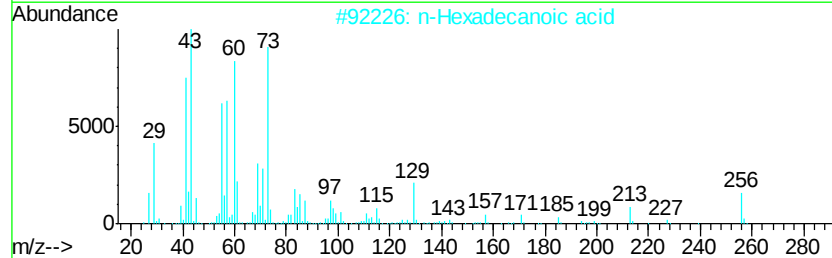
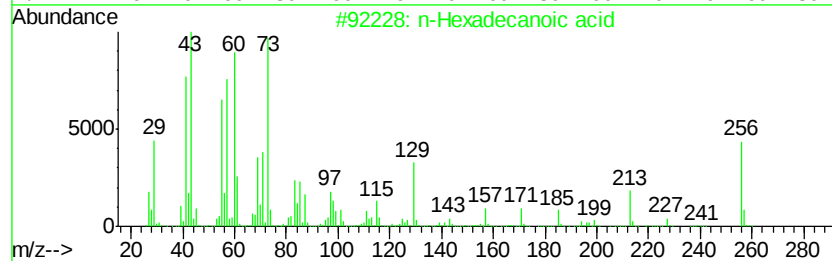
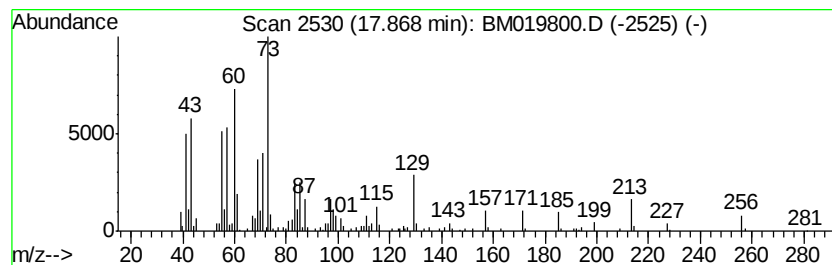
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.68 ng/ul	601646	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	52



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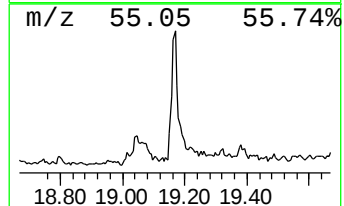
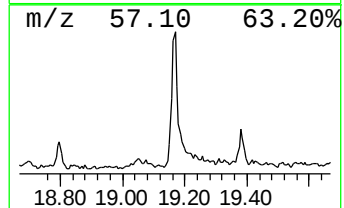
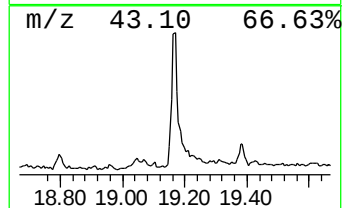
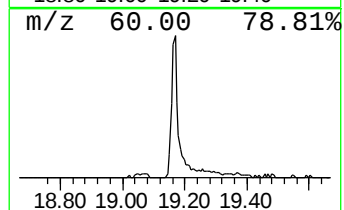
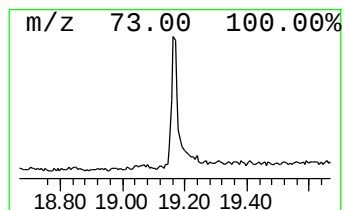
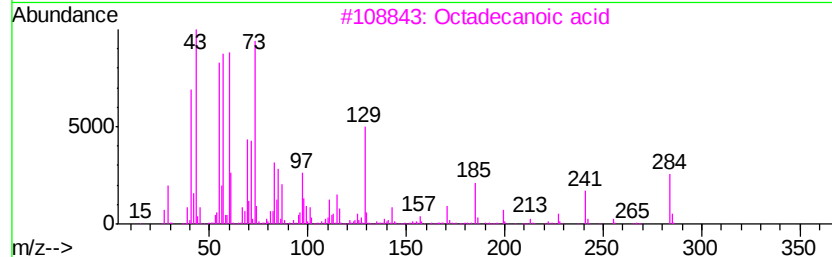
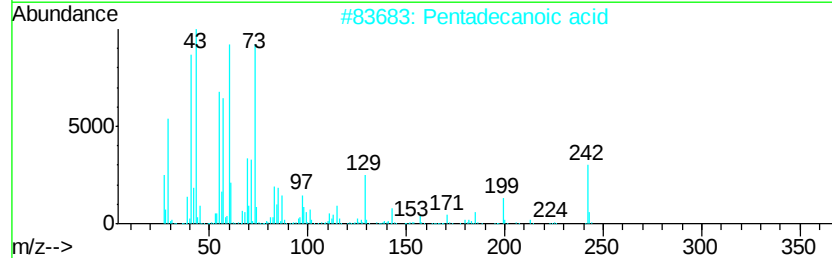
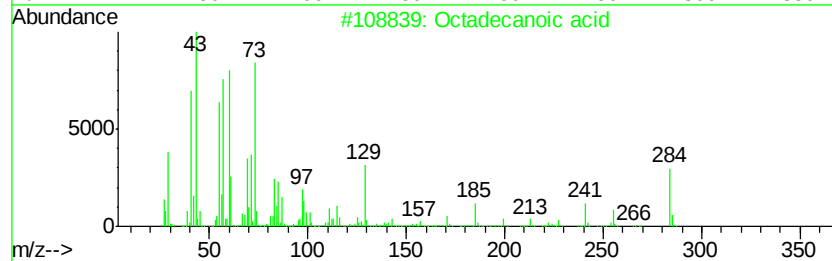
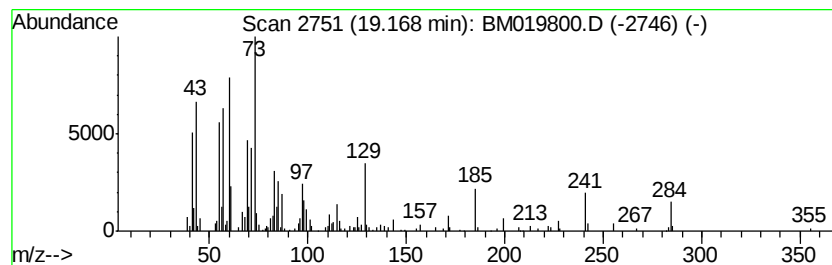
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.80 ng/ul	372175	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
5	Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	83	



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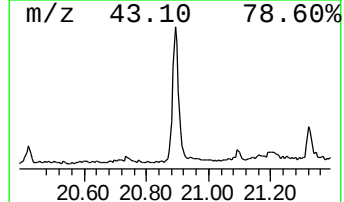
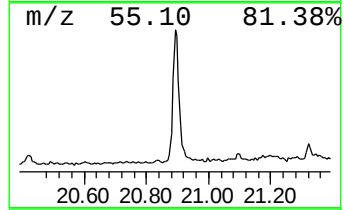
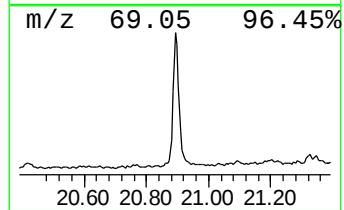
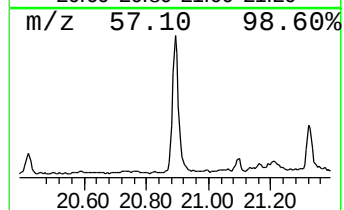
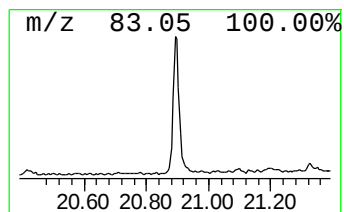
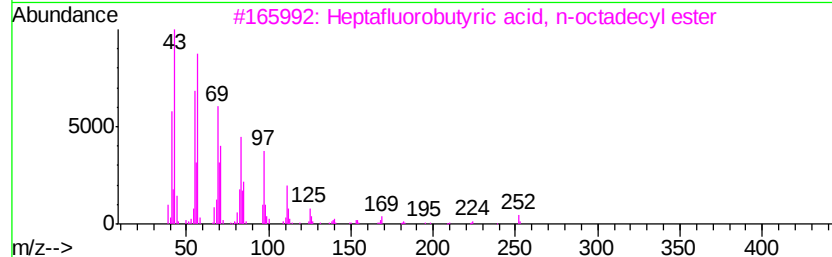
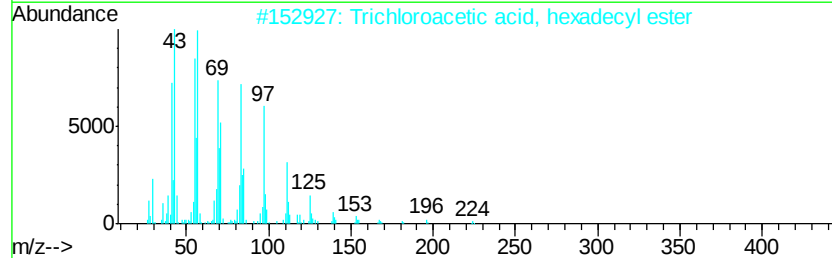
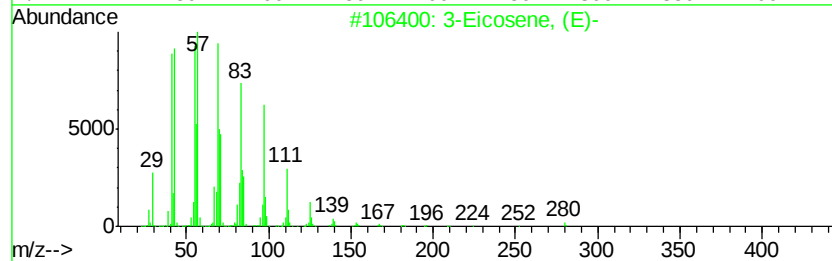
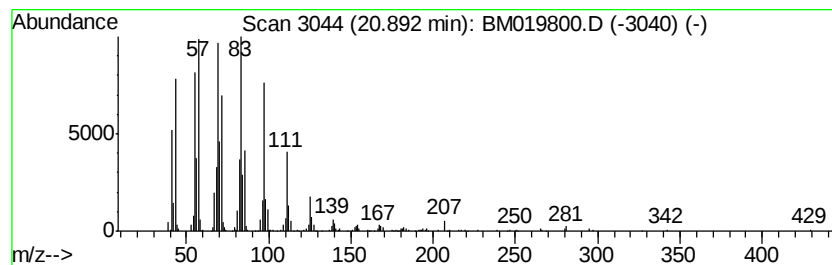
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.99 ng/ul	663368	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	87



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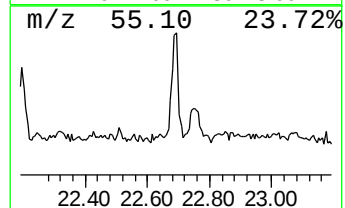
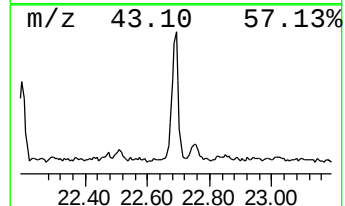
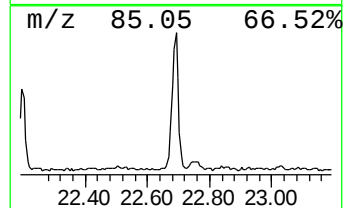
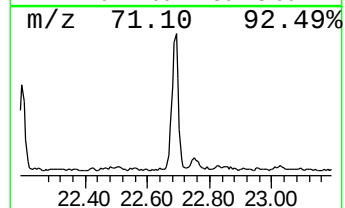
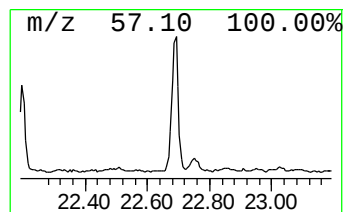
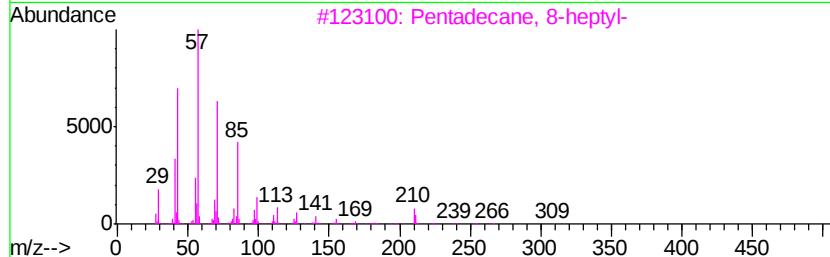
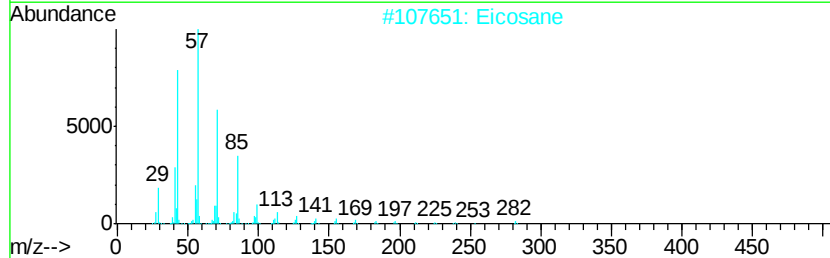
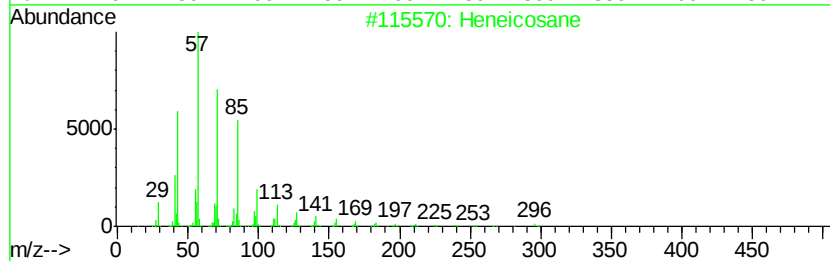
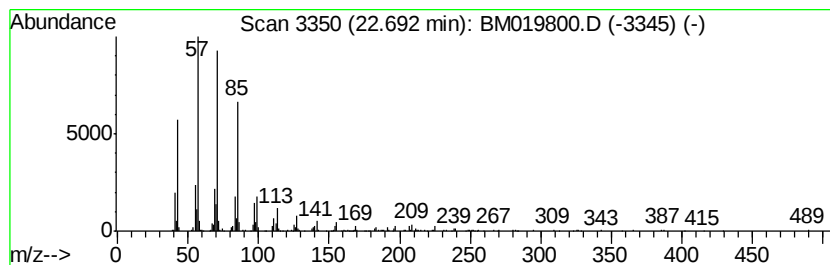
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.74 ng/ul	432108	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019800.D
Acq On : 08 Apr 2019 18:22
Operator : JU/SJ
Sample : K2218-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF612

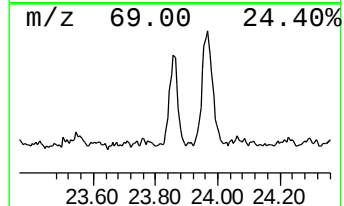
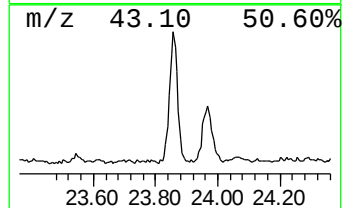
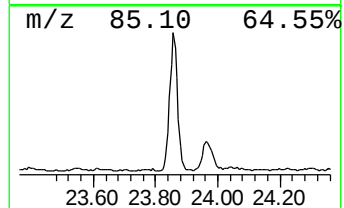
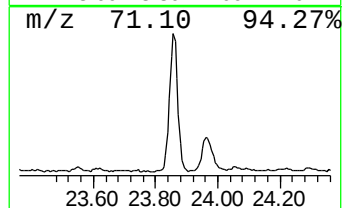
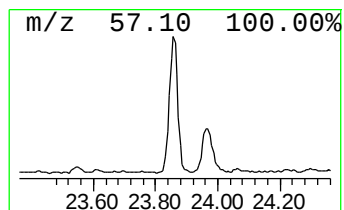
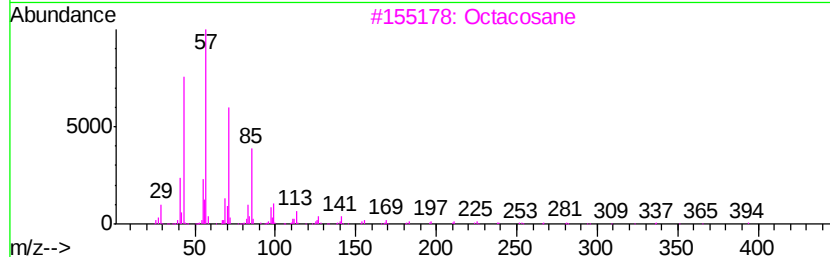
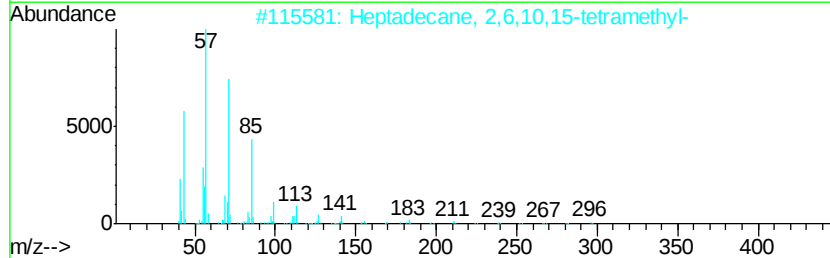
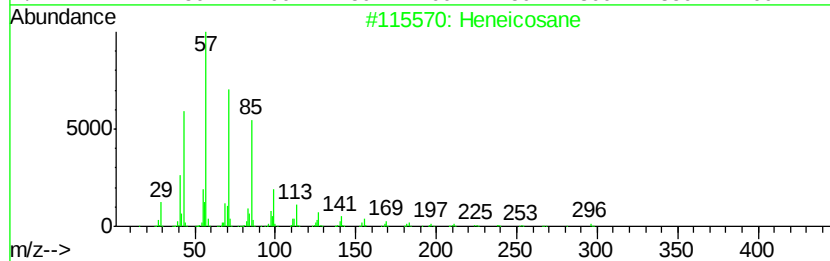
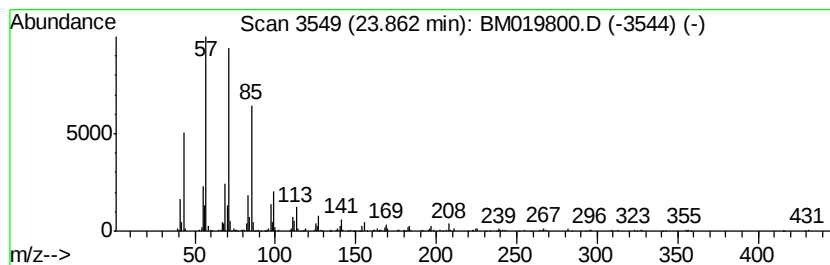
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Quant Title : SVOA CALIBRATION

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.
23.86	5.51 ng/ul	637686	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Eicosane	282	C20H42	000112-95-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019800.D
Acq On : 08 Apr 2019 18:22
Operator : JU/SJ
Sample : K2218-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF612

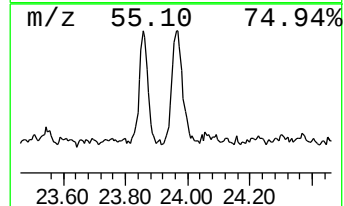
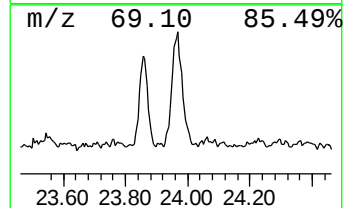
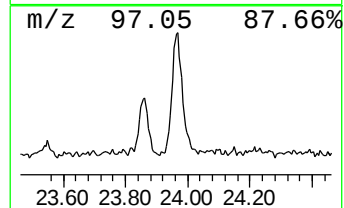
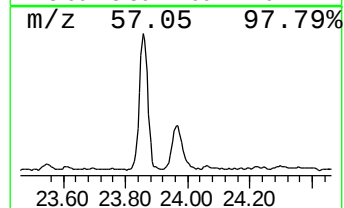
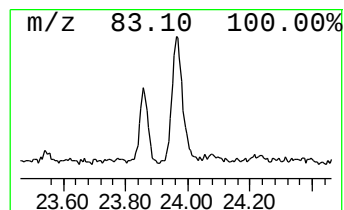
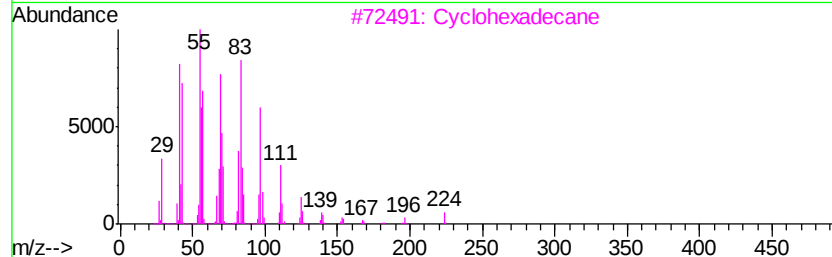
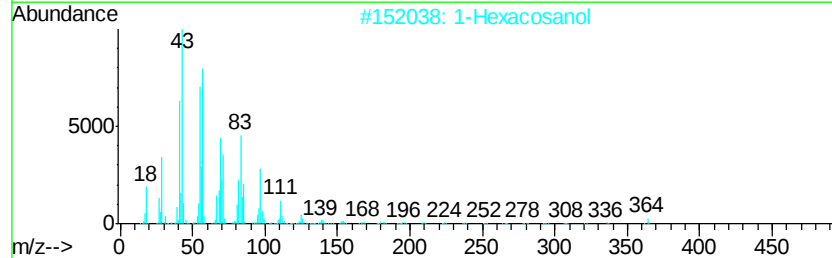
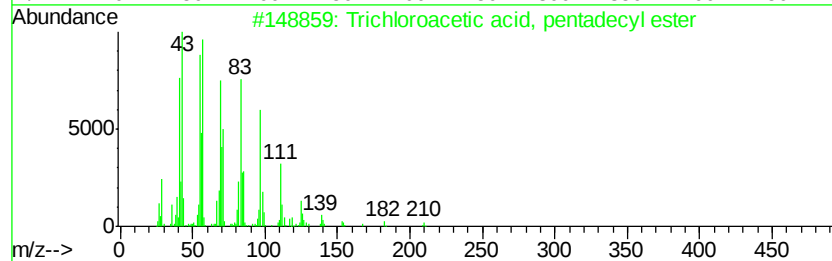
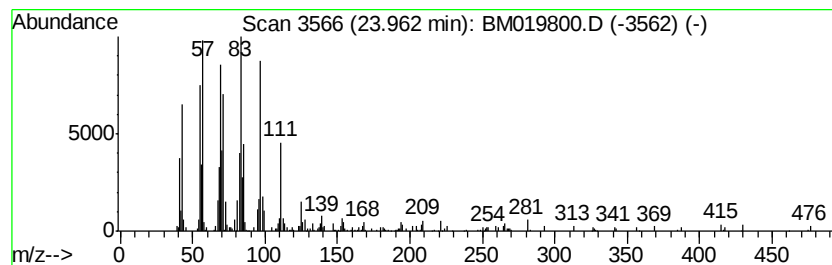
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	4.49 ng/ul	519807	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86
2		1-Hexacosanol	382	C26H54O	000506-52-5	83
3		Cyclohexadecane	224	C16H32	000295-65-8	80
4		Isoheptadecanol	256	C17H36O	057289-07-3	80
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019800.D
Acq On : 08 Apr 2019 18:22
Operator : JU/SJ
Sample : K2218-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF612

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	17.87	5.7	ng/ul	601646	4	16.98	2116730	20.0
Octadecanoic acid	19.17	2.8	ng/ul	372175	5	21.19	2658410	20.0
(DEL) Alkane: Cyc...	20.89	5.0	ng/ul	663368	5	21.19	2658410	20.0
(DEL) Alkane: Str...	22.69	3.7	ng/ul	432108	6	23.39	2313800	20.0
(DEL) Alkane: Str...	23.86	5.5	ng/ul	637686	6	23.39	2313800	20.0
Trichloroacetic a...	23.96	4.5	ng/ul	519807	6	23.39	2313800	20.0
unknown-01	25.97	18.7	ng/ul	2160430	6	23.39	2313800	20.0