

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019701.D
 Acq On : 02 Apr 2019 21:03
 Operator : JU/SJ
 Sample : K2148-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G0

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	3.122	19	23	35	rVB	42775	76590	1.65%	0.157%
2	3.722	121	125	130	rVB3	9864	15880	0.34%	0.033%
3	3.810	138	140	146	rVB5	5703	9964	0.21%	0.020%
4	4.716	290	294	299	rVB2	10398	14479	0.31%	0.030%
5	6.757	634	641	661	rBV	486271	899493	19.33%	1.847%
6	6.922	664	669	693	rVV	446055	790891	17.00%	1.624%
7	7.104	694	700	715	rVB	600377	986418	21.20%	2.026%
8	7.257	721	726	728	rBV3	11313	23665	0.51%	0.049%
9	7.569	772	779	787	rBV	589546	934698	20.09%	1.919%
10	7.628	787	789	793	rVB3	7879	9200	0.20%	0.019%
11	8.287	894	901	917	rBV	646125	1160287	24.93%	2.383%
12	8.416	919	923	929	rVB4	8984	14740	0.32%	0.030%
13	8.740	969	978	994	rBV	578163	996080	21.41%	2.045%
14	9.063	1027	1033	1040	rVB	12931	18384	0.40%	0.038%
15	9.451	1092	1099	1116	rBV	491535	868568	18.67%	1.784%
16	9.745	1142	1149	1153	rBV6	4939	11448	0.25%	0.024%
17	9.987	1183	1190	1211	rBV	627058	1236095	26.56%	2.538%
18	10.345	1244	1251	1263	rBV	879693	1476400	31.73%	3.032%
19	10.516	1273	1280	1299	rBV	541396	1212666	26.06%	2.490%
20	10.945	1348	1353	1356	rBV3	4348	8257	0.18%	0.017%
21	11.969	1520	1527	1536	rVB3	6344	14380	0.31%	0.030%
22	12.528	1615	1622	1624	rBV3	6671	12292	0.26%	0.025%
23	13.022	1701	1706	1711	rVB3	3530	5627	0.12%	0.012%
24	13.651	1807	1813	1818	rBV	1565572	2176048	46.76%	4.468%
25	13.698	1818	1821	1835	rVB	216178	321630	6.91%	0.660%
26	13.922	1849	1859	1875	rBV	1677205	2432251	52.27%	4.995%
27	14.110	1888	1891	1896	rVB	4375	5338	0.11%	0.011%
28	14.186	1898	1904	1905	rBV4	3102	4692	0.10%	0.010%
29	14.233	1905	1912	1920	rVV2	1408458	2097741	45.08%	4.308%
30	14.486	1949	1955	1974	rBV	249326	703354	15.11%	1.444%
31	14.657	1980	1984	1996	rVB	118665	183466	3.94%	0.377%
32	15.022	2040	2046	2049	rBV2	6104	8905	0.19%	0.018%
33	15.074	2050	2055	2059	rVB2	9073	12620	0.27%	0.026%
34	15.233	2075	2082	2099	rBV	2199893	3103392	66.69%	6.373%

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35	15.386	2101	2108	2119	rBV	548779	871658	18.73%	1.790%
36	15.474	2119	2123	2128	rVB2	28289	40414	0.87%	0.083%
37	15.621	2144	2148	2154	rVB6	3222	6808	0.15%	0.014%
38	15.939	2197	2202	2204	rBV4	8803	13516	0.29%	0.028%
39	15.980	2204	2209	2213	rVV	36337	60794	1.31%	0.125%
40	16.339	2267	2270	2275	rVB4	4787	5924	0.13%	0.012%
41	16.398	2275	2280	2287	rBV2	25459	41802	0.90%	0.086%
42	16.727	2333	2336	2340	rBV3	7308	10687	0.23%	0.022%
43	16.780	2340	2345	2350	rVV4	11051	18469	0.40%	0.038%
44	16.821	2350	2352	2356	rVB4	4593	4996	0.11%	0.010%
45	16.892	2356	2364	2372	rBV7	6409	16809	0.36%	0.035%
46	16.992	2372	2381	2387	rBV	1886196	2547975	54.75%	5.232%
47	17.092	2391	2398	2413	rVV	2305533	3364930	72.31%	6.910%
48	17.274	2428	2429	2434	rVB3	7672	9700	0.21%	0.020%
49	17.333	2434	2439	2442	rBV4	8469	13569	0.29%	0.028%
50	17.374	2443	2446	2450	rVB4	5693	7355	0.16%	0.015%
51	17.468	2459	2462	2468	rVB4	10710	15901	0.34%	0.033%
52	17.762	2507	2512	2514	rBV6	6600	10967	0.24%	0.023%
53	17.833	2520	2524	2526	rBV5	4210	4984	0.11%	0.010%
54	17.886	2528	2533	2543	rBV	265694	447431	9.62%	0.919%
55	18.168	2577	2581	2587	rBV6	12582	16810	0.36%	0.035%
56	18.562	2646	2648	2652	rBV5	4762	5702	0.12%	0.012%
57	18.604	2652	2655	2658	rVB4	8504	9503	0.20%	0.020%
58	18.645	2659	2662	2666	rVB4	12760	16404	0.35%	0.034%
59	18.757	2676	2681	2684	rBV4	7297	12034	0.26%	0.025%
60	18.810	2686	2690	2692	rVB3	12861	15266	0.33%	0.031%
61	18.951	2712	2714	2721	rVB8	7257	12987	0.28%	0.027%
62	19.033	2724	2728	2730	rBV2	39083	52018	1.12%	0.107%
63	19.062	2730	2733	2738	rVB	49402	72679	1.56%	0.149%
64	19.174	2748	2752	2758	rBV	130130	198524	4.27%	0.408%
65	19.286	2768	2771	2774	rBV	19852	23325	0.50%	0.048%
66	19.398	2785	2790	2799	rBV2	2934554	4026434	86.53%	8.268%
67	19.733	2843	2847	2850	rBV	246432	277363	5.96%	0.570%
68	19.774	2850	2854	2862	rVB	385495	411167	8.84%	0.844%
69	19.933	2878	2881	2886	rVB4	38008	51422	1.11%	0.106%
70	20.427	2962	2965	2970	rBV2	43473	66507	1.43%	0.137%
71	20.715	3010	3014	3016	rBV	167604	168591	3.62%	0.346%

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72	20.745	3016	3019	3026	rVB	199118	232569	5.00%	0.478%
73	20.903	3041	3046	3053	rBV2	265789	392735	8.44%	0.806%
74	21.203	3091	3097	3102	rBV	2453827	3257480	70.00%	6.689%
75	21.333	3116	3119	3122	rBV	135883	150700	3.24%	0.309%
76	21.580	3158	3161	3164	rBV3	91781	119554	2.57%	0.245%
77	21.615	3164	3167	3171	rVB	108266	117042	2.52%	0.240%
78	21.762	3188	3192	3195	rBV	185300	217879	4.68%	0.447%
79	22.209	3265	3268	3275	rVB	259308	320898	6.90%	0.659%
80	22.703	3348	3352	3356	rVB	310599	416428	8.95%	0.855%
81	23.268	3441	3448	3462	rVB2	2409555	4653458	100.00%	9.556%
82	23.403	3465	3471	3479	rVB2	1612597	3066708	65.90%	6.297%
83	23.874	3547	3551	3559	rVB	287310	522899	11.24%	1.074%
84	24.597	3670	3674	3682	rVB	209620	432464	9.29%	0.888%

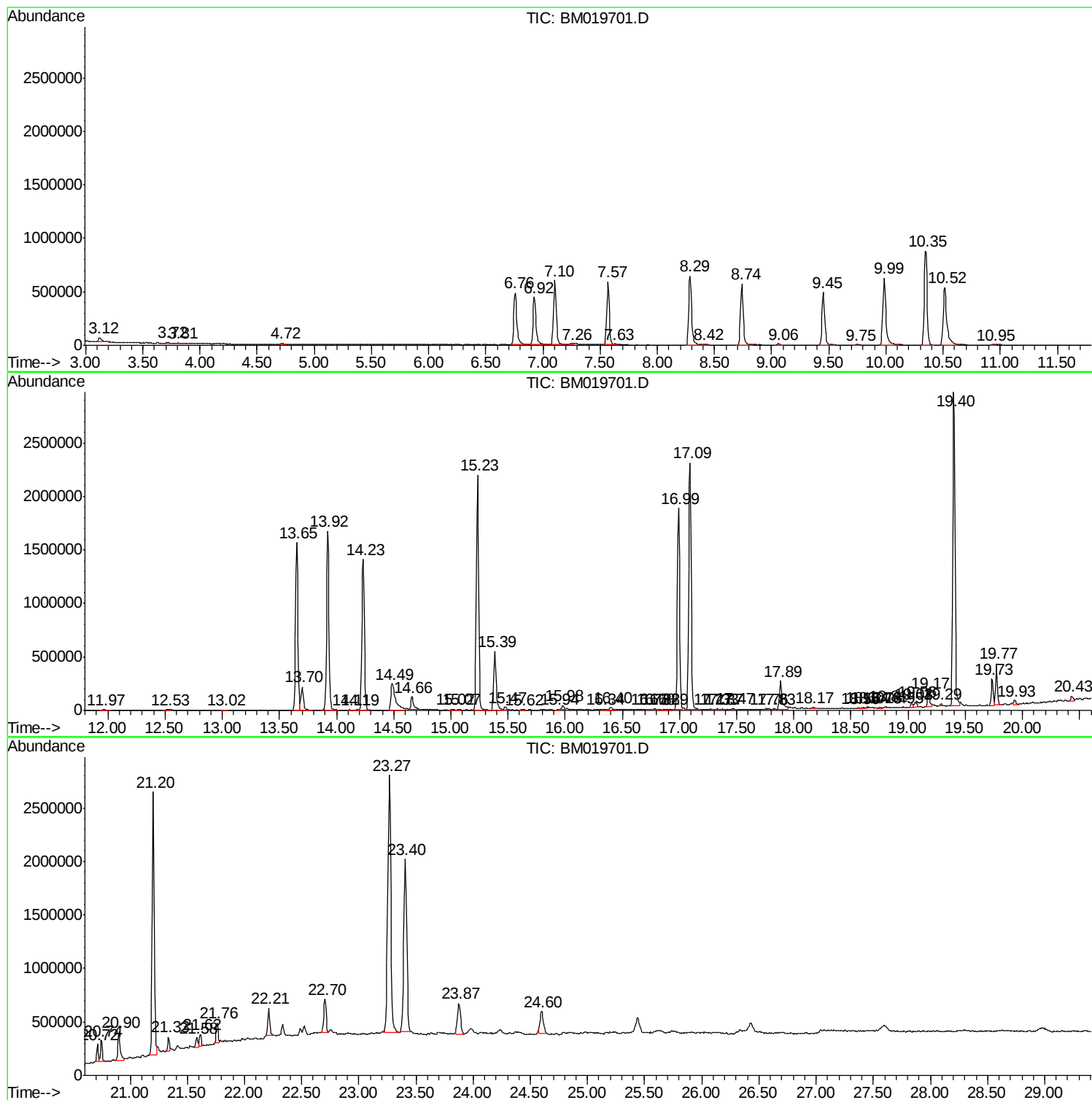
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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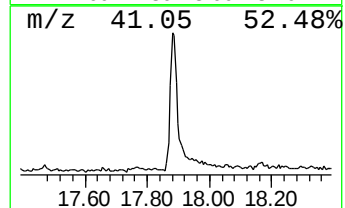
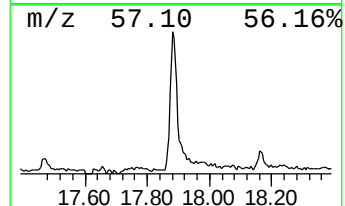
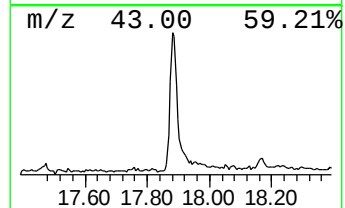
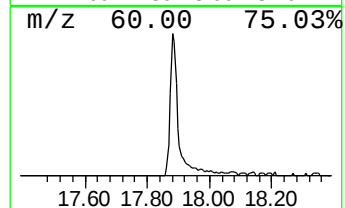
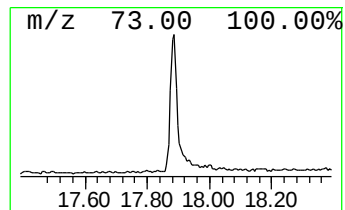
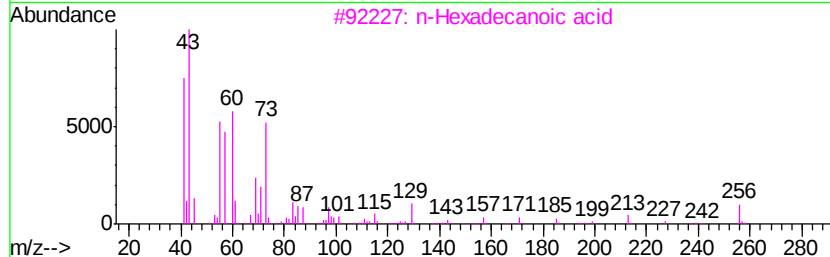
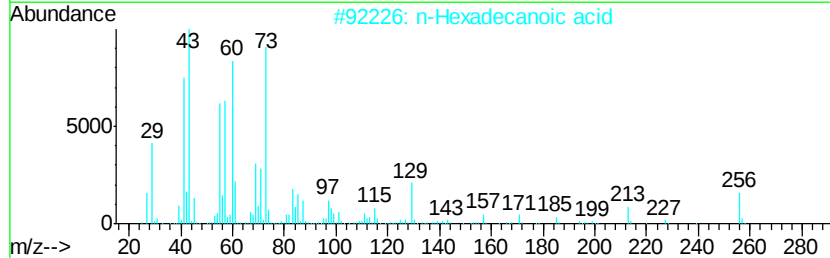
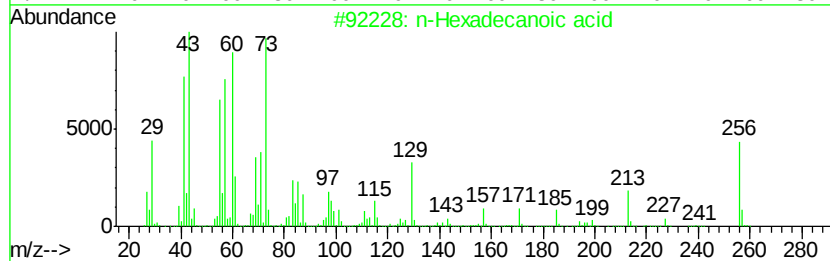
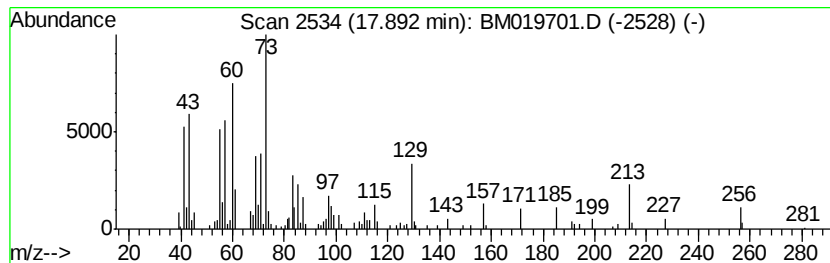
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.51 ng/ul	447431	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	60



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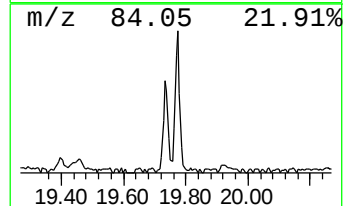
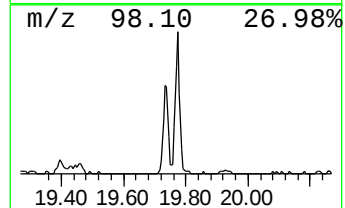
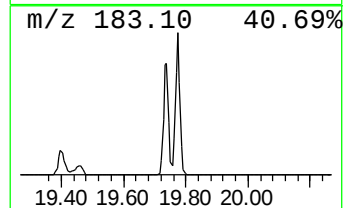
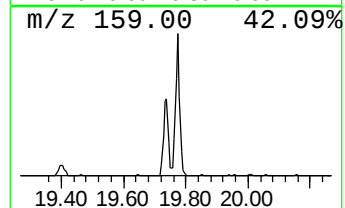
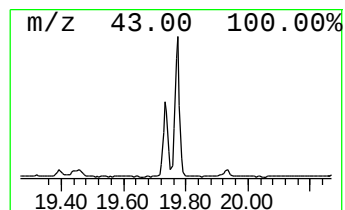
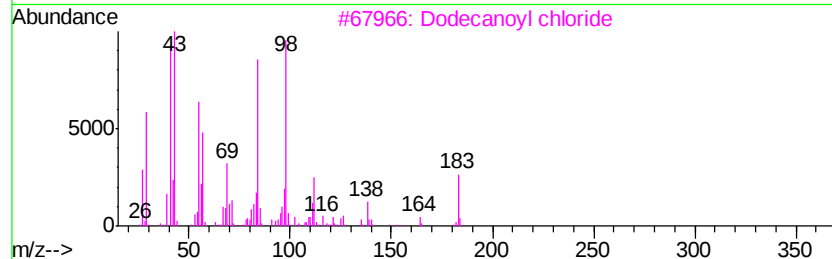
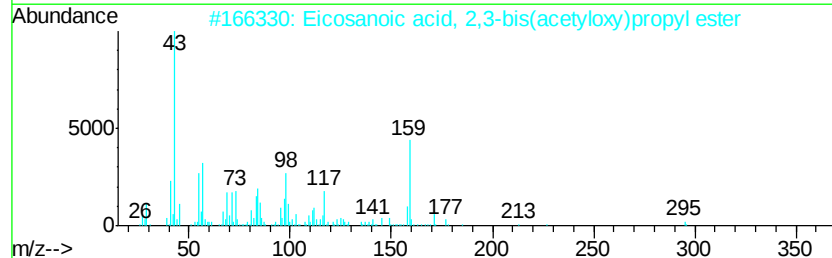
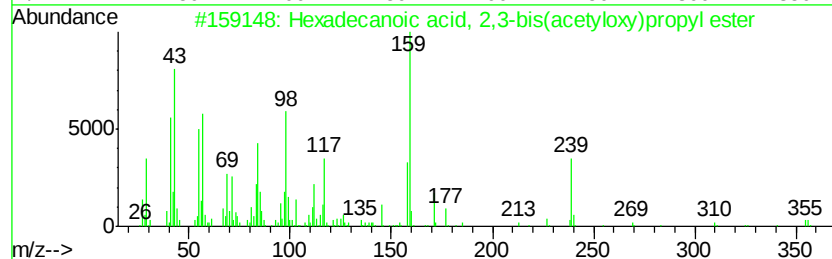
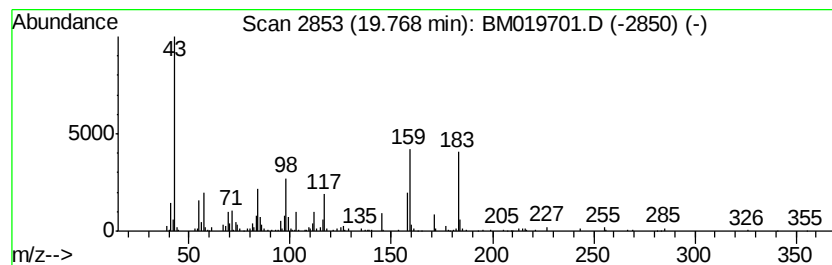
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.52 ng/ul	411167	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	58
2		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	42
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
4		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	16
5		2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14



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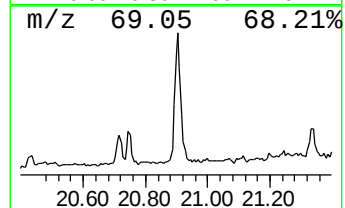
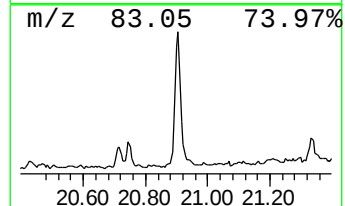
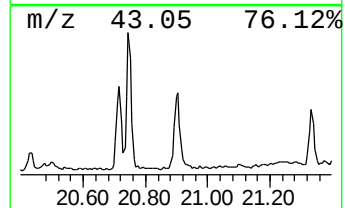
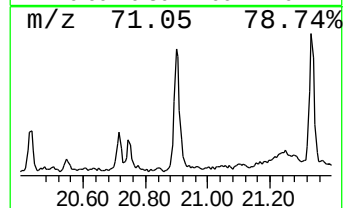
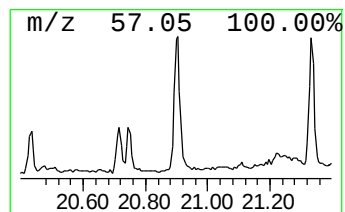
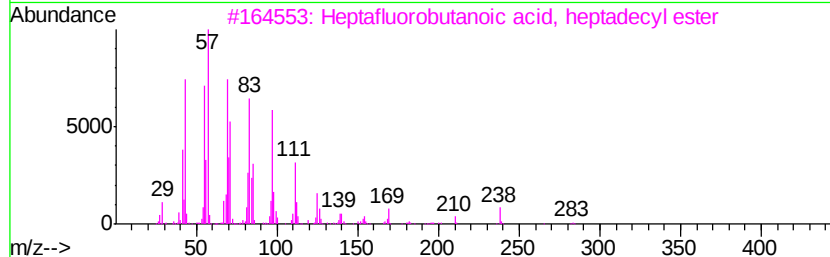
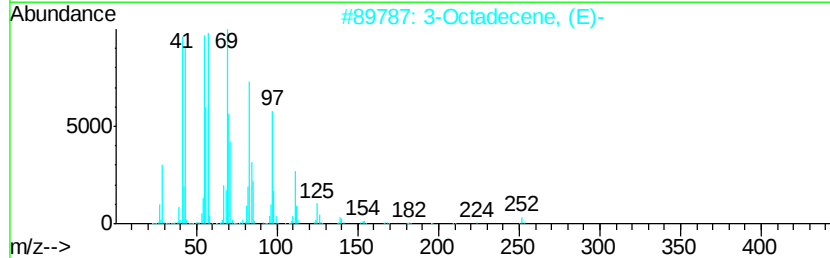
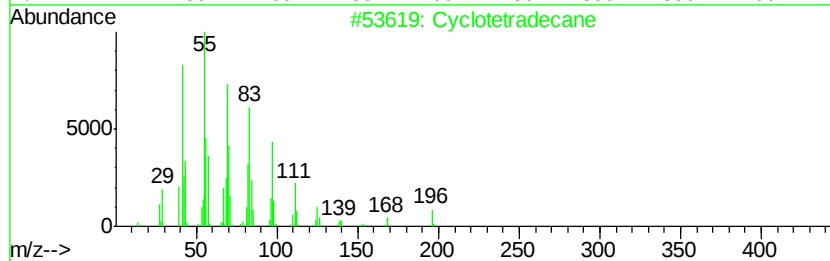
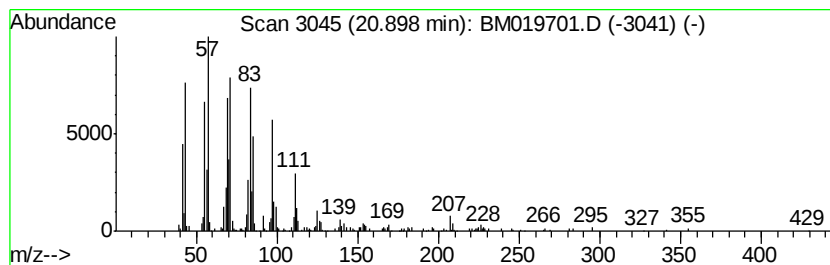
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 6

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20.90	2.41 ng/ul	392735	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	93
2		3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5		1-Nonadecene	266	C19H38	018435-45-5	90



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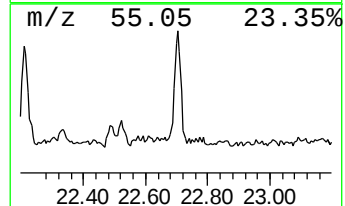
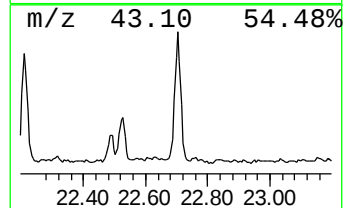
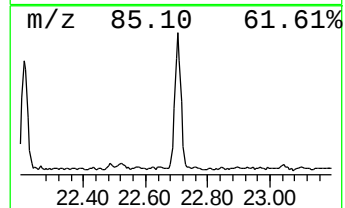
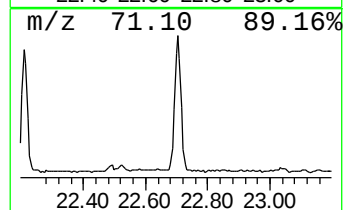
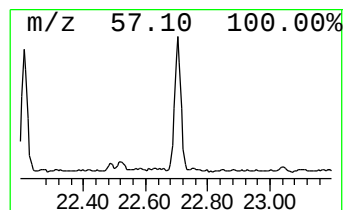
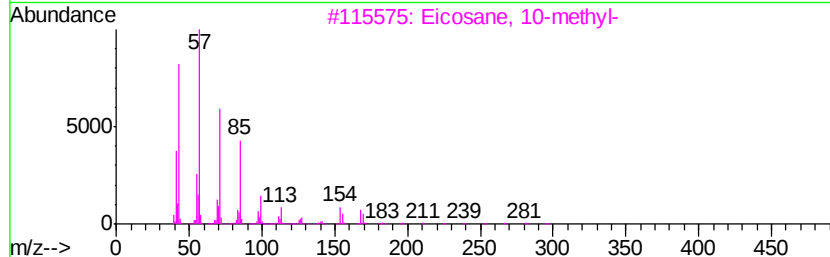
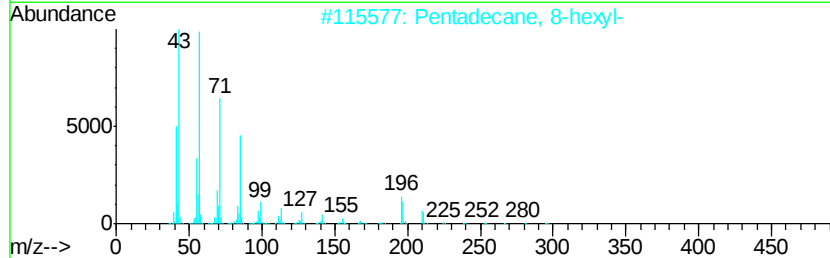
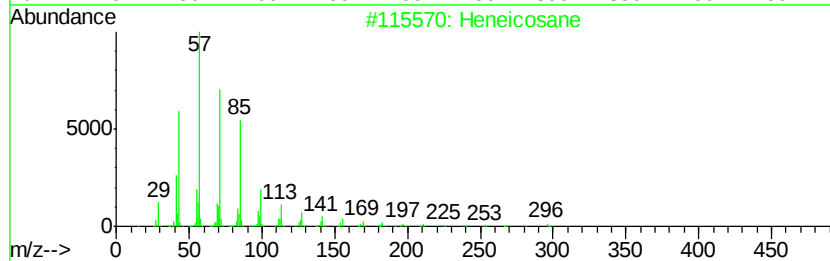
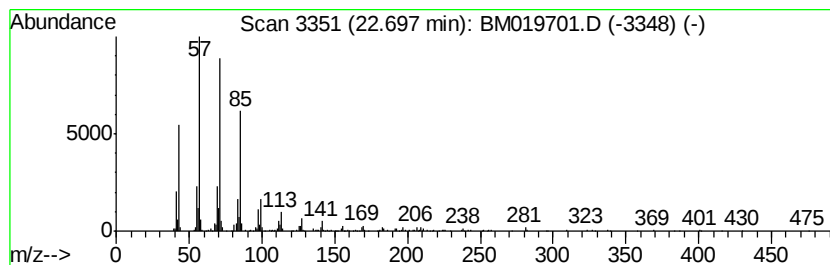
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Quant Title : SVOA CALIBRATION

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.
22.70	2.72 ng/ul	416428	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019701.D
Acq On : 02 Apr 2019 21:03
Operator : JU/SJ
Sample : K2148-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5G0

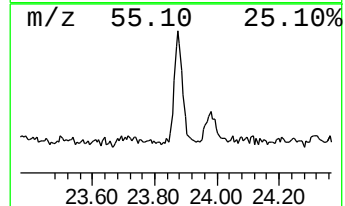
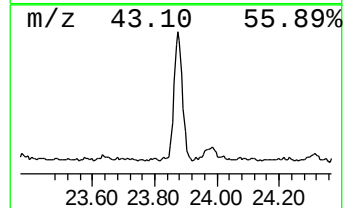
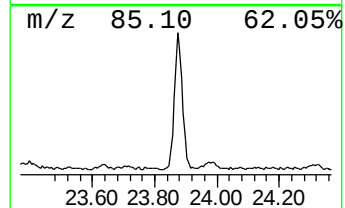
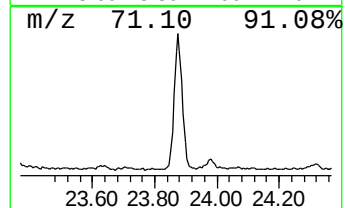
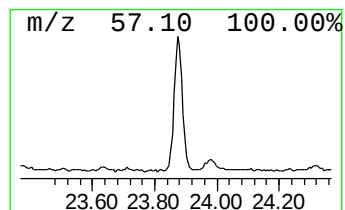
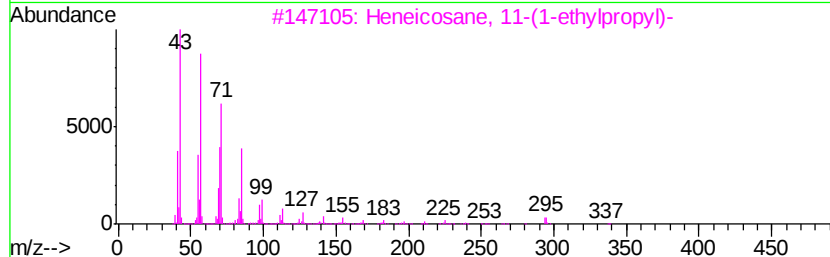
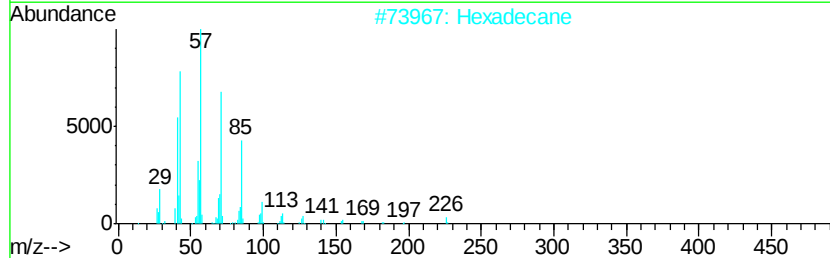
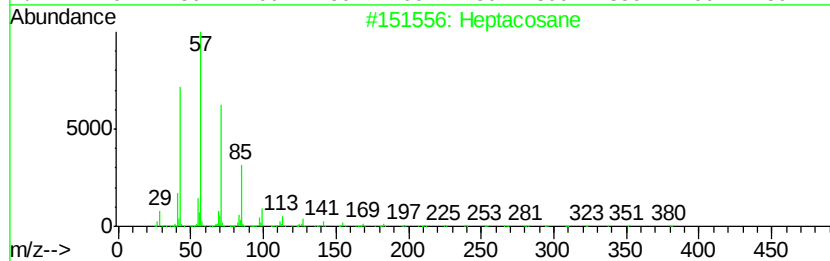
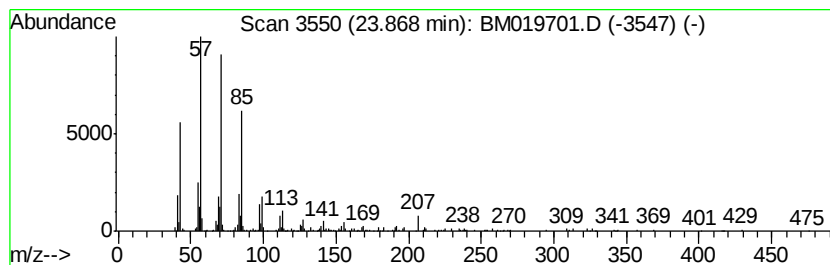
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.41 ng/ul	522899	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019701.D
Acq On : 02 Apr 2019 21:03
Operator : JU/SJ
Sample : K2148-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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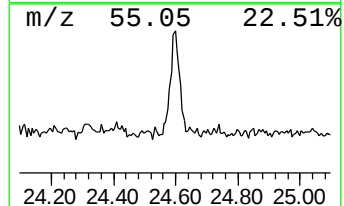
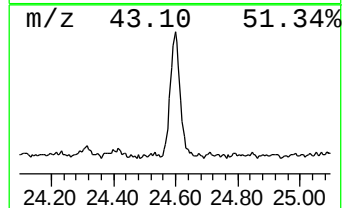
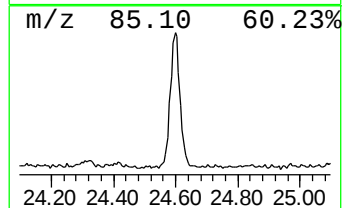
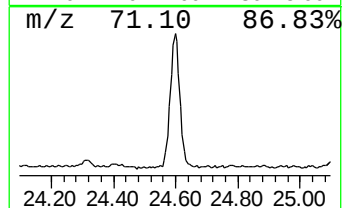
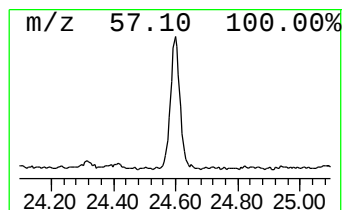
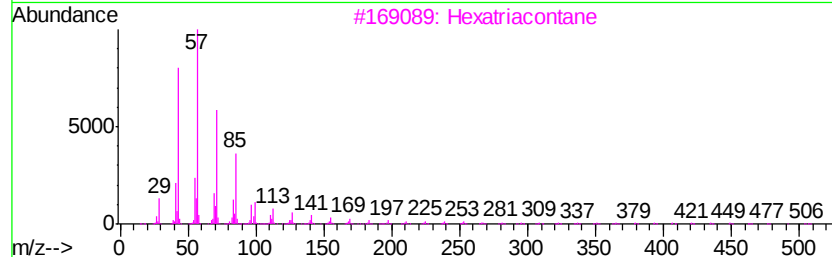
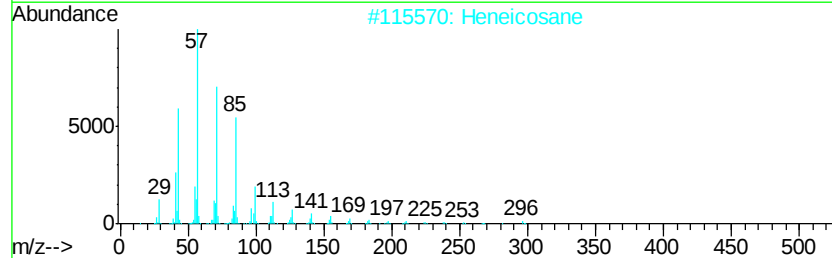
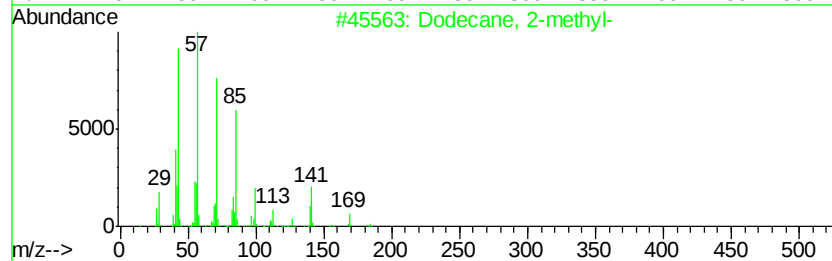
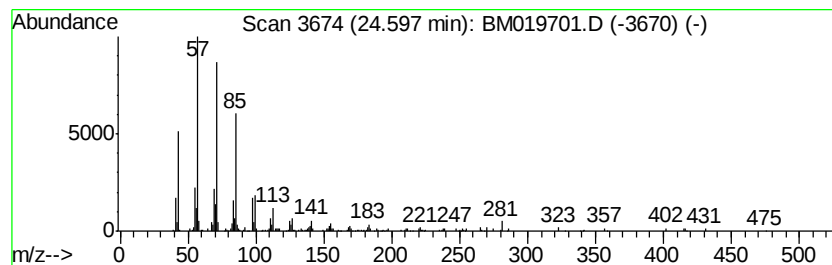
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	2.82 ng/ul	432464	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexatriacontane	507	C36H74	000630-06-8	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019701.D
Acq On : 02 Apr 2019 21:03
Operator : JU/SJ
Sample : K2148-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5G0

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	17.89	3.5	ng/ul	447431	4	16.99	2547980	20.0
Hexadecanoic acid...	19.77	2.5	ng/ul	411167	5	21.20	3257480	20.0
(DEL) Alkane: Cyc...	20.90	2.4	ng/ul	392735	5	21.20	3257480	20.0
(DEL) Alkane: Str...	22.70	2.7	ng/ul	416428	6	23.40	3066710	20.0
(DEL) Alkane: Str...	23.87	3.4	ng/ul	522899	6	23.40	3066710	20.0
(DEL) Alkane: Str...	24.60	2.8	ng/ul	432464	6	23.40	3066710	20.0