

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018143.D
 Acq On : 13 Dec 2018 23:43
 Operator : JU/SJ
 Sample : J6236-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E19

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-BM121318MA.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	3.105	34	37	42	rVB	14925	16769	0.64%	0.063%
2	3.699	132	138	145	rVB	18858	31325	1.19%	0.118%
3	3.793	151	154	158	rBV3	3618	4784	0.18%	0.018%
4	3.899	166	172	178	rBV3	20060	28495	1.09%	0.107%
5	4.017	186	192	199	rBV5	11241	21560	0.82%	0.081%
6	4.164	213	217	221	rVB5	3375	5168	0.20%	0.019%
7	4.211	221	225	226	rBV	3655	4364	0.17%	0.016%
8	4.411	255	259	263	rVB2	7409	10465	0.40%	0.039%
9	4.675	300	304	315	rBV2	30989	59113	2.25%	0.222%
10	5.658	466	471	474	rBV3	2325	4560	0.17%	0.017%
11	5.940	509	519	525	rVB	18423	32065	1.22%	0.121%
12	6.199	560	563	566	rVB2	2348	2808	0.11%	0.011%
13	6.640	635	638	643	rVB2	2284	2870	0.11%	0.011%
14	6.705	643	649	663	rBV2	260192	569942	21.73%	2.143%
15	6.863	670	676	686	rBV	237697	362023	13.80%	1.361%
16	7.046	701	707	722	rVB	314655	526178	20.06%	1.979%
17	7.346	754	758	762	rBV2	2323	3475	0.13%	0.013%
18	7.510	779	786	796	rBV	383077	615323	23.46%	2.314%
19	7.587	796	799	802	rVB2	3537	4749	0.18%	0.018%
20	8.228	901	908	924	rBV	371693	651201	24.83%	2.449%
21	8.346	924	928	933	rVB5	4565	7063	0.27%	0.027%
22	8.663	976	982	993	rBV	306333	526990	20.09%	1.982%
23	9.046	1041	1047	1052	rBV2	16218	21272	0.81%	0.080%
24	9.381	1097	1104	1119	rVB	240782	420926	16.05%	1.583%
25	9.916	1189	1195	1205	rBV	347113	657482	25.07%	2.472%
26	10.063	1217	1220	1226	rVB5	10889	15733	0.60%	0.059%
27	10.275	1247	1256	1264	rBV	572244	932885	35.57%	3.508%
28	10.440	1277	1284	1298	rBV	264486	609025	23.22%	2.290%
29	10.534	1298	1300	1302	rVB2	3949	3350	0.13%	0.013%
30	11.534	1465	1470	1473	rVB2	2117	2888	0.11%	0.011%
31	11.916	1531	1535	1541	rVB2	3718	4929	0.19%	0.019%
32	13.587	1813	1819	1824	rBV	638280	946884	36.10%	3.561%
33	13.639	1824	1828	1838	rVB	119864	188768	7.20%	0.710%
34	13.851	1858	1864	1878	rBV	768044	1150385	43.86%	4.326%

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35	14.075	1900	1902	1907	rBV2	2532	2960	0.11%	0.011%
36	14.163	1911	1917	1931	rVB2	734027	1142151	43.54%	4.295%
37	14.416	1955	1960	1974	rBV2	141444	343397	13.09%	1.291%
38	14.628	1993	1996	2000	rVB5	6272	8209	0.31%	0.031%
39	15.028	2062	2064	2069	rVB3	4266	5914	0.23%	0.022%
40	15.169	2079	2088	2100	rBV	1058413	1493078	56.92%	5.614%
41	15.316	2108	2113	2126	rBV	284168	451867	17.23%	1.699%
42	15.416	2126	2130	2139	rVB	11426	16639	0.63%	0.063%
43	15.898	2208	2212	2215	rBV2	4361	6805	0.26%	0.026%
44	16.710	2344	2350	2352	rBV4	4114	7199	0.27%	0.027%
45	16.863	2370	2376	2380	rBV4	2962	4554	0.17%	0.017%
46	16.927	2380	2387	2398	rBV	1003936	1430293	54.53%	5.378%
47	17.022	2398	2403	2416	rVB2	1034709	1608930	61.34%	6.050%
48	17.163	2425	2427	2430	rBV2	2418	2726	0.10%	0.010%
49	17.222	2435	2437	2444	rVB2	2294	3905	0.15%	0.015%
50	17.333	2451	2456	2463	rBV5	18931	33863	1.29%	0.127%
51	17.427	2469	2472	2476	rVB3	2993	3175	0.12%	0.012%
52	17.710	2513	2520	2523	rBV3	4621	5970	0.23%	0.022%
53	17.780	2528	2532	2536	rVB3	4728	6261	0.24%	0.024%
54	17.839	2536	2542	2557	rBV	326069	471677	17.98%	1.774%
55	18.122	2586	2590	2591	rBV4	2263	2990	0.11%	0.011%
56	18.239	2607	2610	2613	rBV2	1749	2682	0.10%	0.010%
57	18.333	2624	2626	2628	rBV3	3173	3167	0.12%	0.012%
58	18.386	2632	2635	2637	rVV4	3068	3643	0.14%	0.014%
59	18.410	2637	2639	2643	rVV4	4386	4880	0.19%	0.018%
60	18.445	2643	2645	2649	rVB4	3243	3184	0.12%	0.012%
61	18.486	2649	2652	2654	rBV3	3264	4907	0.19%	0.018%
62	18.522	2656	2658	2663	rVB5	3726	3109	0.12%	0.012%
63	18.651	2677	2680	2682	rBV3	2812	3199	0.12%	0.012%
64	18.710	2685	2690	2697	rBV2	79992	124304	4.74%	0.467%
65	18.792	2703	2704	2707	rVB3	5270	3662	0.14%	0.014%
66	18.827	2707	2710	2711	rBV3	3947	2755	0.11%	0.010%
67	18.969	2730	2734	2735	rBV2	16454	16304	0.62%	0.061%
68	19.133	2757	2762	2773	rBV	151716	233626	8.91%	0.878%
69	19.221	2774	2777	2781	rVV	13938	18892	0.72%	0.071%
70	19.280	2785	2787	2789	rVB3	5470	3598	0.14%	0.014%
71	19.333	2790	2796	2805	rVV	1466987	2005462	76.46%	7.541%

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72	19.539	2829	2831	2834	rBV4	4667	6210	0.24%	0.023%
73	19.874	2885	2888	2891	rBV4	12591	19327	0.74%	0.073%
74	20.333	2964	2966	2968	rBV2	8817	8591	0.33%	0.032%
75	20.863	3052	3056	3064	rBV	435567	580288	22.12%	2.182%
76	21.139	3098	3103	3115	rBV	1460363	1998305	76.19%	7.514%
77	21.304	3129	3131	3135	rVB4	32958	36785	1.40%	0.138%
78	22.168	3275	3278	3283	rVB	102981	123839	4.72%	0.466%
79	22.286	3296	3298	3304	rVB	69026	86241	3.29%	0.324%
80	22.651	3357	3360	3366	rVB2	125763	184214	7.02%	0.693%
81	23.168	3441	3448	3457	rBV	1302455	2622942	100.00%	9.863%
82	23.304	3464	3471	3479	rVB2	1134722	2077902	79.22%	7.813%
83	23.798	3551	3555	3561	rVB2	168509	278036	10.60%	1.045%
84	23.892	3567	3571	3578	rVB6	122983	243398	9.28%	0.915%
85	24.498	3670	3674	3681	rVB3	201453	391964	14.94%	1.474%

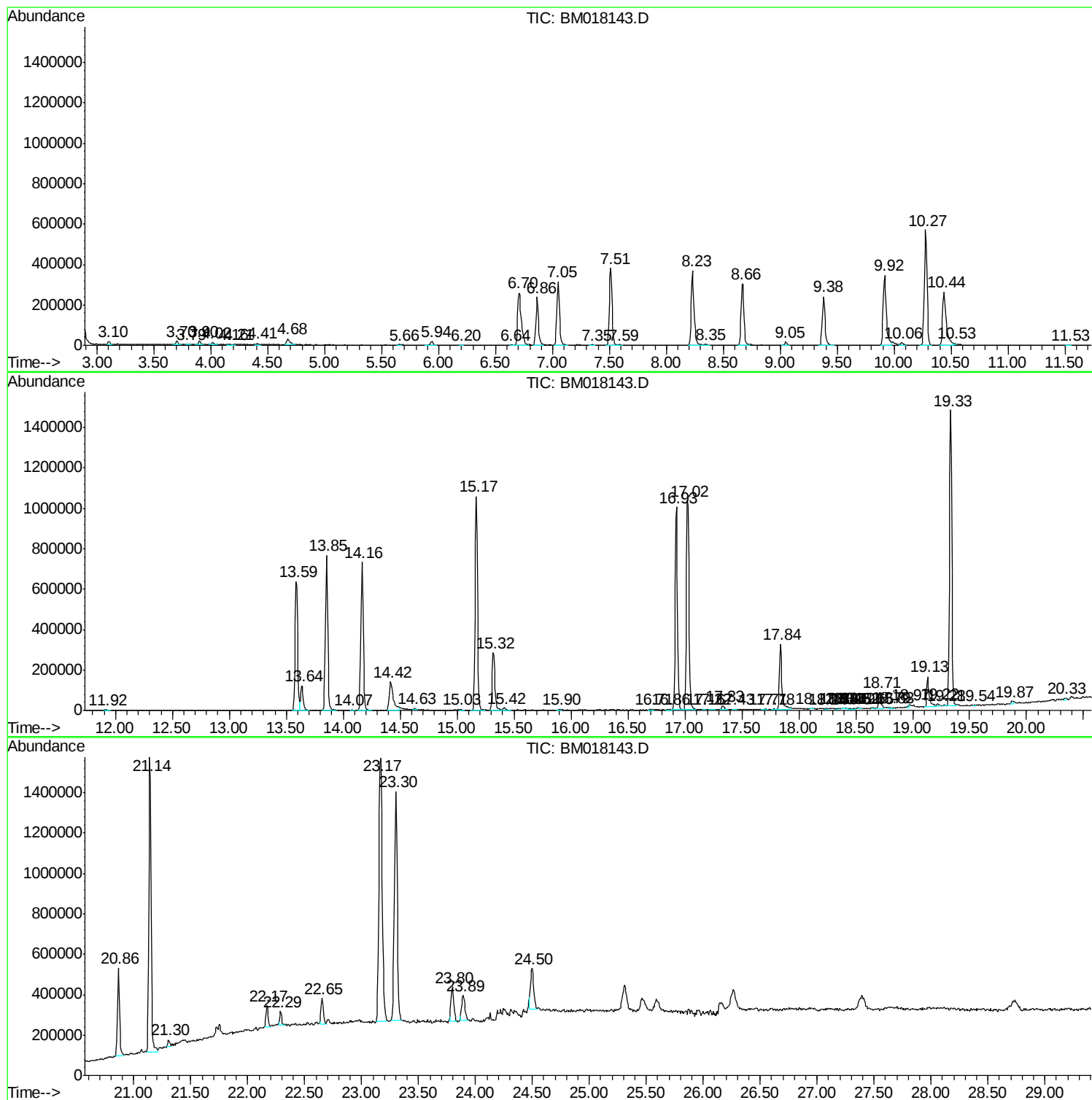
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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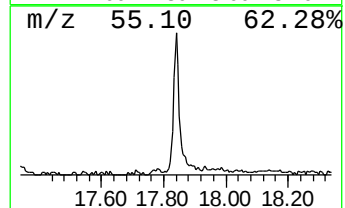
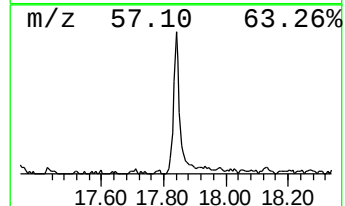
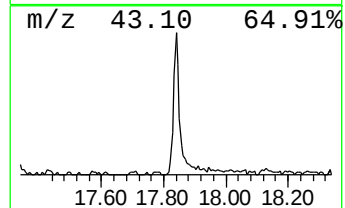
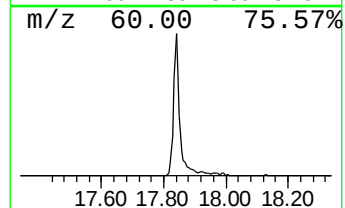
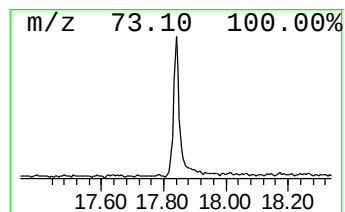
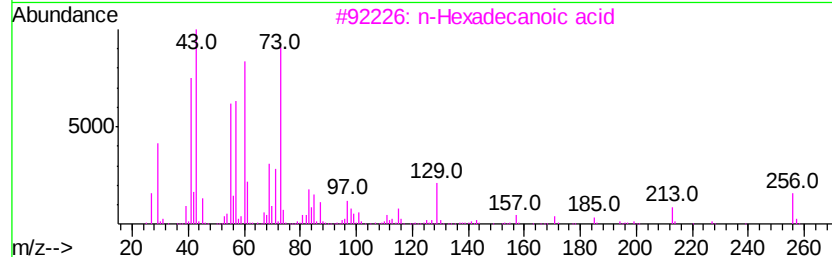
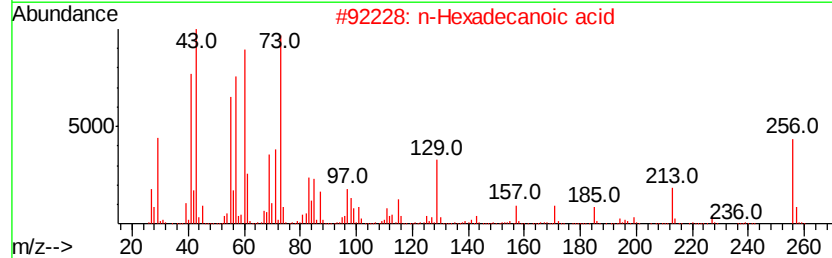
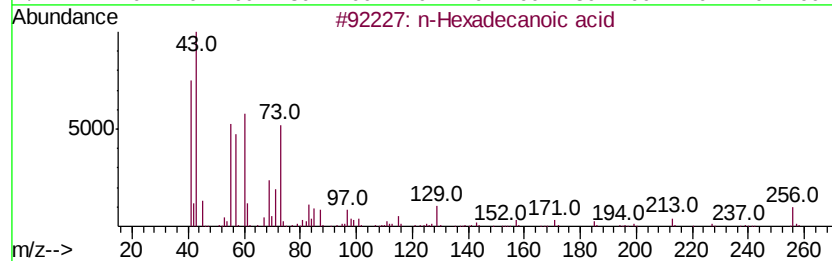
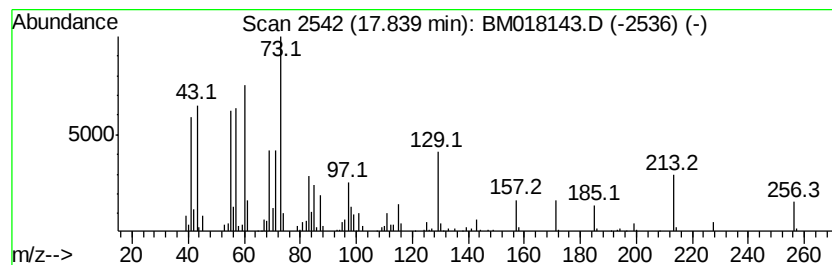
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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.	
17.84	6.60 ng/ul	471677	Phenanthrene-d10		16.93	
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	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89	



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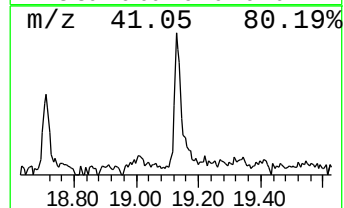
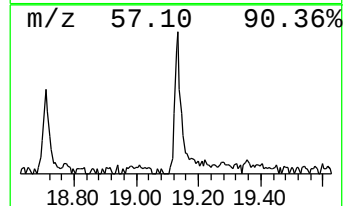
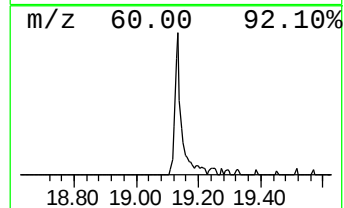
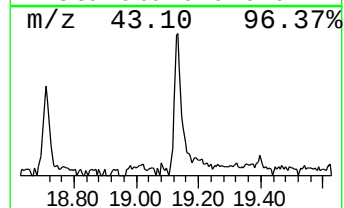
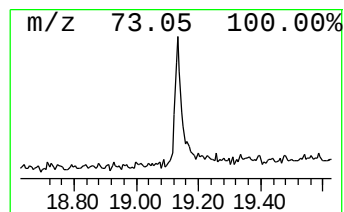
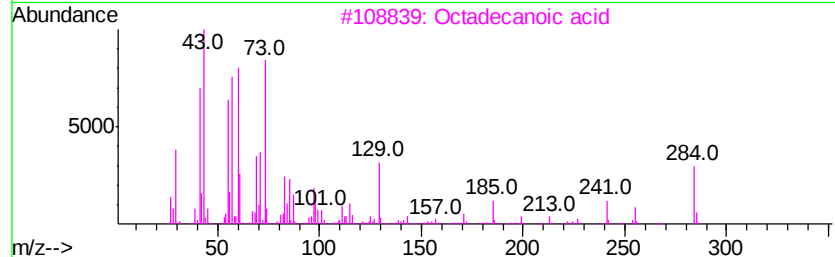
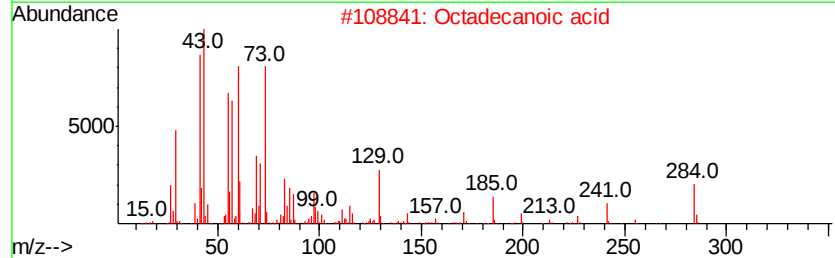
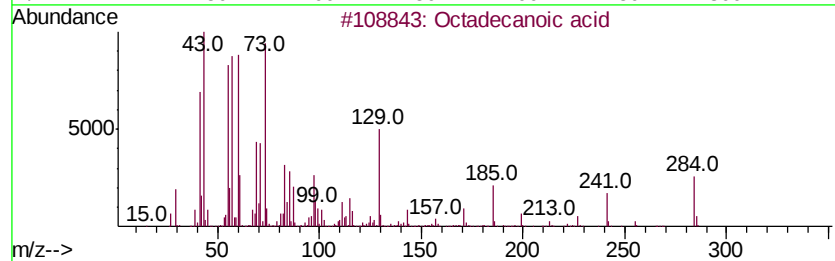
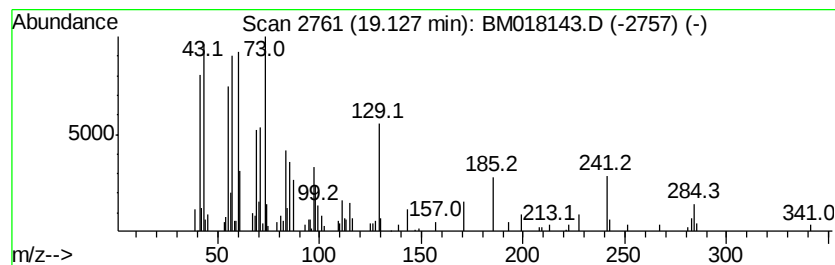
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.34 ng/ul	233626	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			Octadecanoic acid	284	C18H36O2	000057-11-4	58



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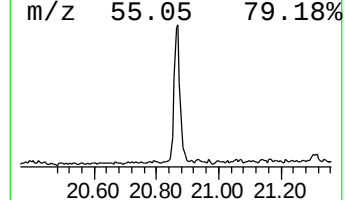
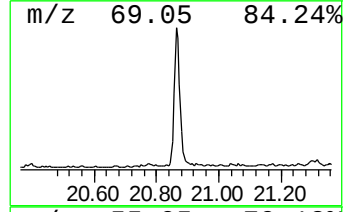
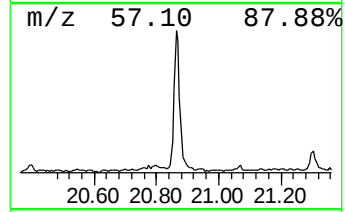
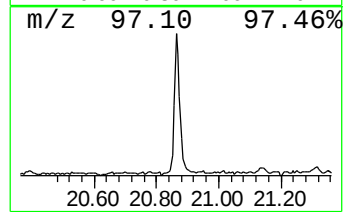
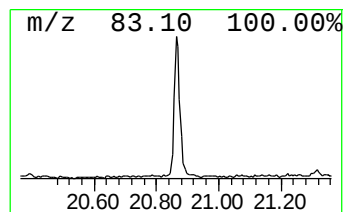
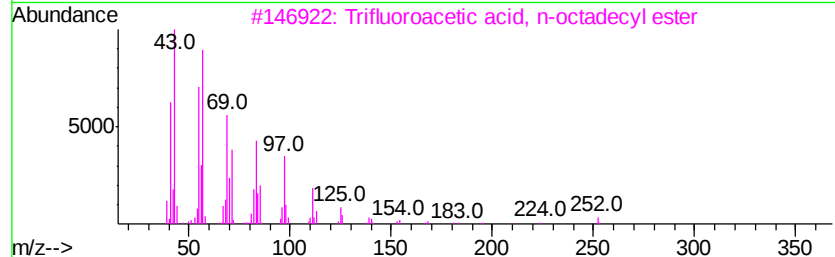
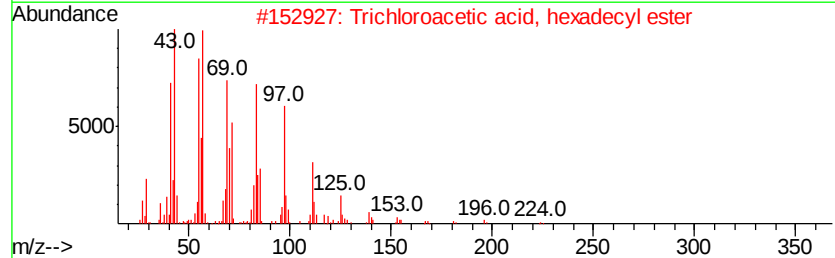
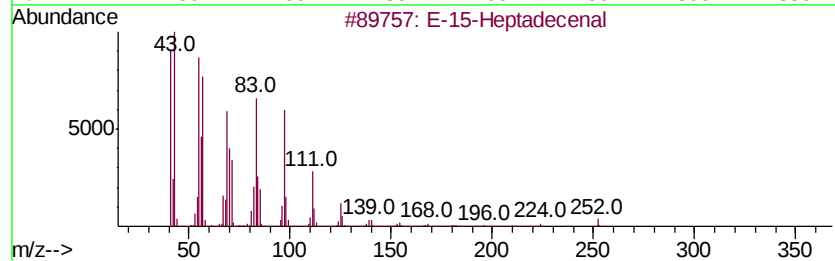
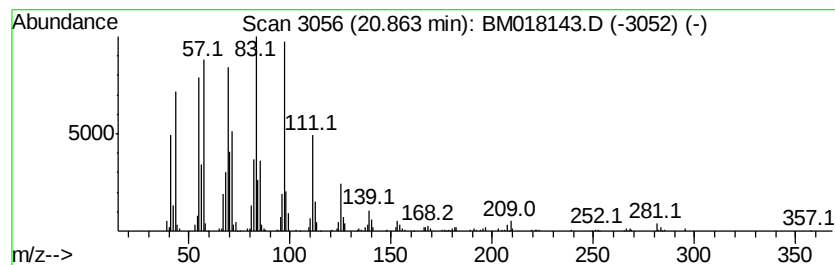
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.81 ng/ul	580288	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5		1-Nonadecene	266	C19H38	018435-45-5	86



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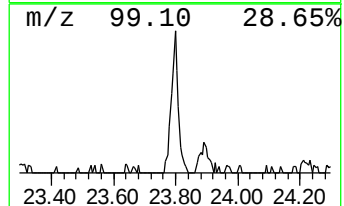
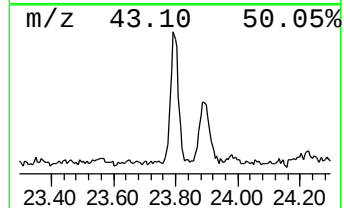
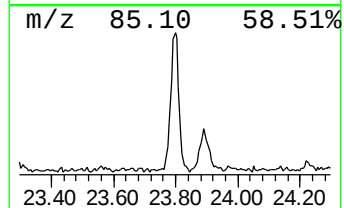
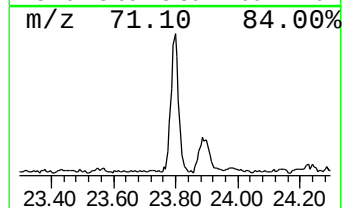
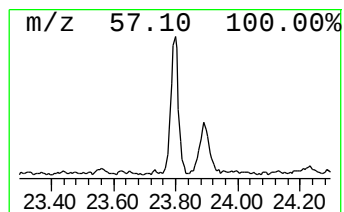
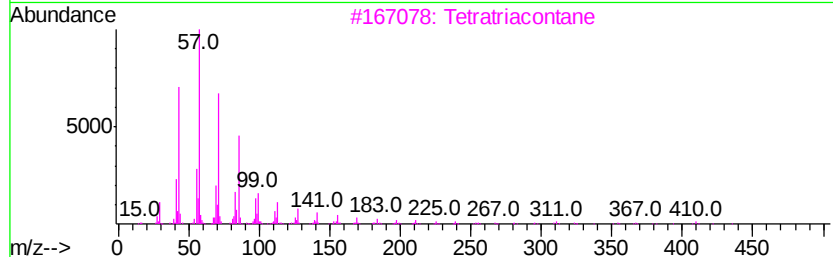
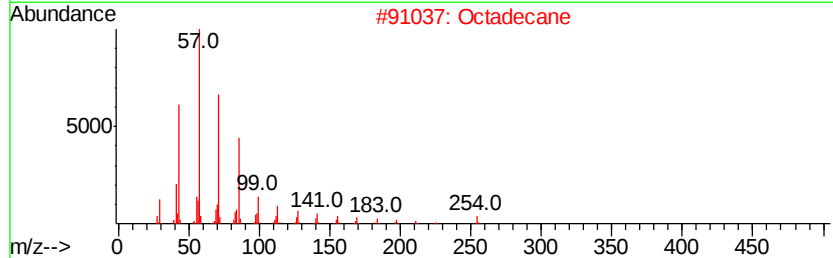
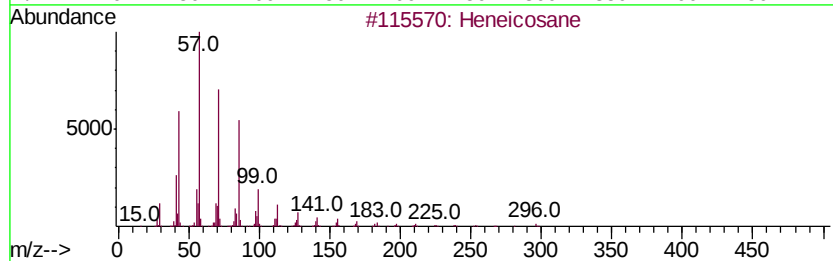
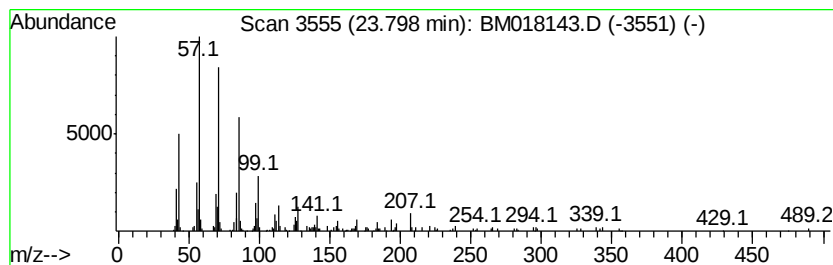
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Quant Title : SVOA CALIBRATION

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.
23.80	2.68 ng/ul	278036	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Octadecane	254	C18H38	000593-45-3	95
3			Tetratriacontane	479	C34H70	014167-59-0	90
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018143.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E19

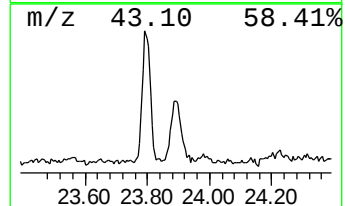
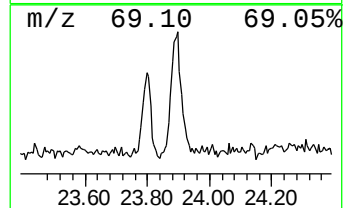
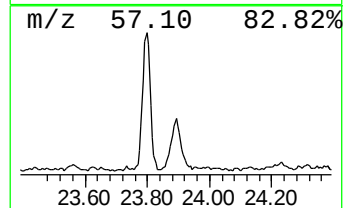
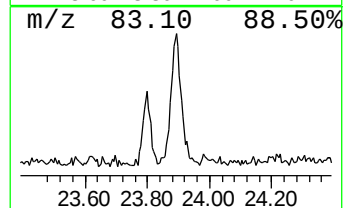
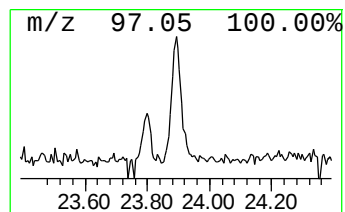
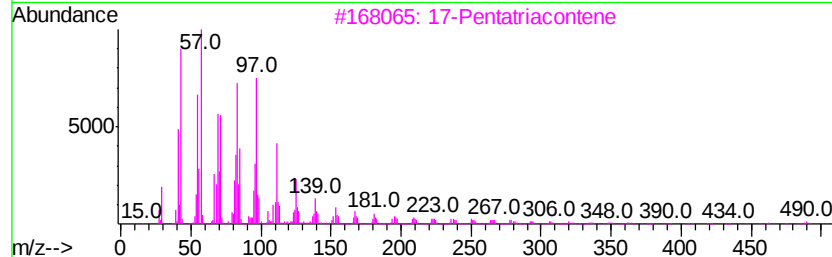
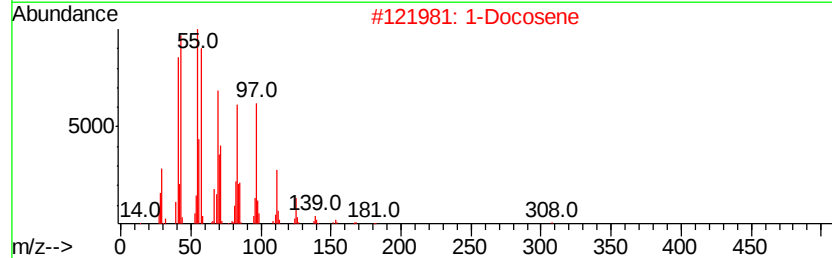
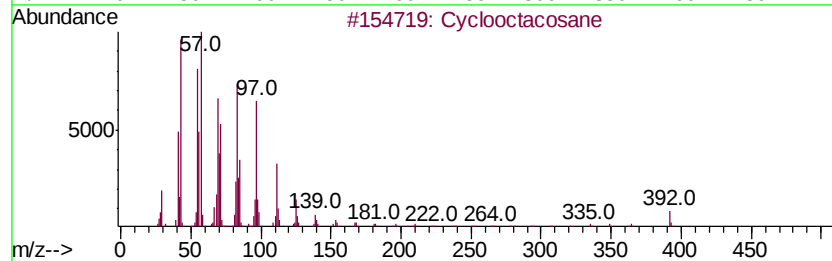
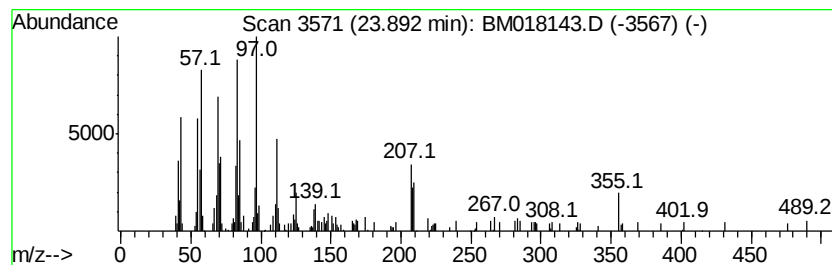
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.34 ng/ul	243398	Perylene-d12	23.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctacosane	392	C28H56	000297-24-5	72
2		1-Docosene	308	C22H44	001599-67-3	58
3		17-Pentatriacontene	491	C35H70	006971-40-0	52
4		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	30
5		1-Triacontanol	438	C30H62O	000593-50-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018143.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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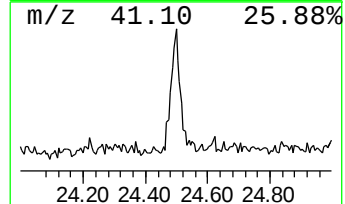
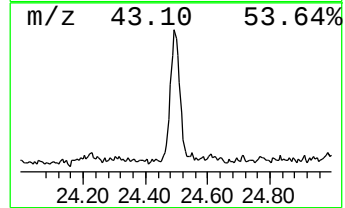
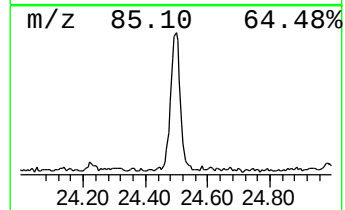
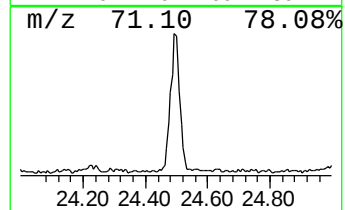
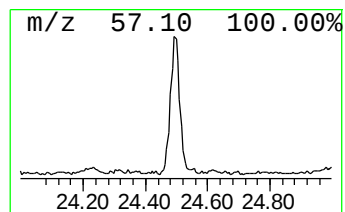
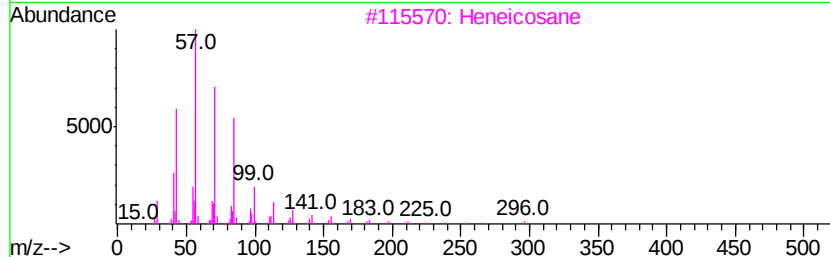
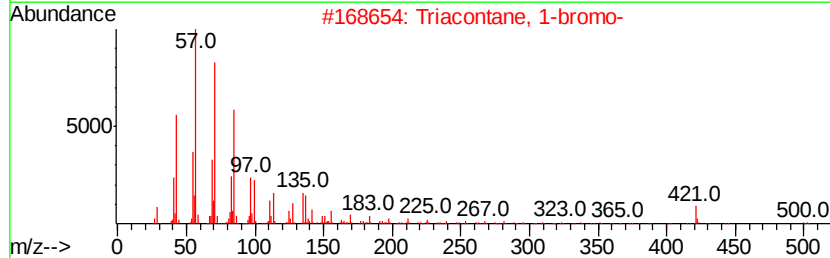
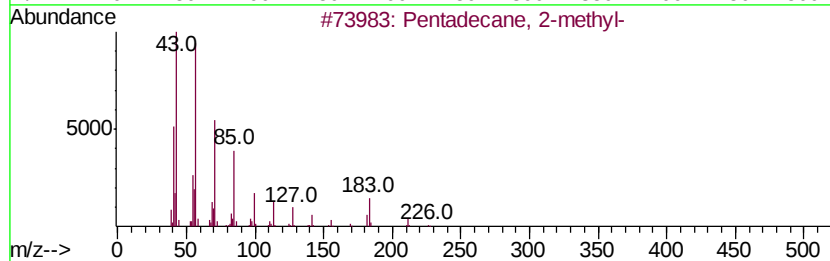
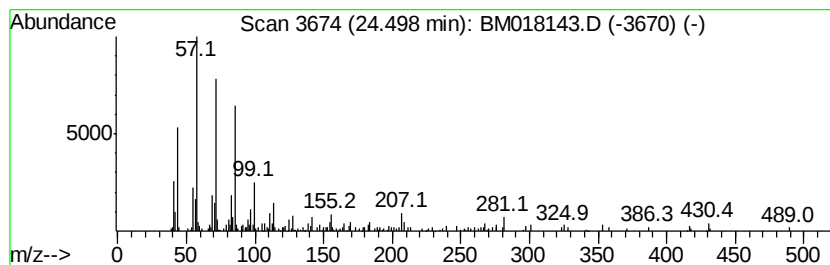
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Quant Title : SVOA CALIBRATION

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.
24.50	3.77 ng/ul	391964	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83
2		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Triacontane	422	C30H62	000638-68-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018143.D
Acq On : 13 Dec 2018 23:43
Operator : JU/SJ
Sample : J6236-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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	17.84	6.6	ng/ul	471677	4	16.93	1430290	20.0
Octadecanoic acid	19.13	2.3	ng/ul	233626	5	21.14	1998310	20.0
E-15-Heptadecenal	20.86	5.8	ng/ul	580288	5	21.14	1998310	20.0
(DEL) Alkane: Str...	23.80	2.7	ng/ul	278036	6	23.30	2077900	20.0
(DEL) Alkane: Cyc...	23.89	2.3	ng/ul	243398	6	23.30	2077900	20.0
(DEL) Alkane: Str...	24.50	3.8	ng/ul	391964	6	23.30	2077900	20.0