LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM060619MA.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	3.046	5	10	33	rVB	9620694	12772152	100.00%	17.408%
2	3.310	52	55	61	rVB	55466	72748	0.57%	0.099%
3	3.934	157	161	169	rVB2	79364	115777	0.91%	0.158%
4	4.028	175	177	187	rVB4	17421	30419	0.24%	0.041%
5	4.134	192	195	202	rVB6	11246	19350	0.15%	0.026%
6	4.928	325	330	336	rBV	69701	107184	0.84%	0.146%
7	6.210	544	548	553	rBV7	8329	14127	0.11%	0.019%
8	6.463	587	591	596	rBV4	8865	14639	0.11%	0.020%
9	6.975	671	678	690	rBV	864772	1401950	10.98%	1.911%
10	7.145	701	707	720	rVB	685642	1079412	8.45%	1.471%
11	7.340	733	740	751	rVB	964754	1505480	11.79%	2.052%
12	7.810	813	820	827	rBV	868268	1369825	10.73%	1.867%
13	8.245	890	894	899	rVB5	9977	15824	0.12%	0.022%
14	8.510	932	939	947	rBV	1027933	1634166	12.79%	2.227%
15	8.640	955	961	965	rVB2	9297	17027	0.13%	0.023%
16	8.969	1009	1017	1026	rBV	855802	1383739	10.83%	1.886%
17	9.351	1076	1082	1088	rBV4	16524	28581	0.22%	0.039%
18	9.686	1132	1139	1150	rBV	703110	1142814	8.95%	1.558%
19	10.222	1222	1230	1238	rBV	1046767	1793999	14.05%	2.445%
20	10.598	1287	1294	1299	rBV	1103686	1894154	14.83%	2.582%
21	10.639	1299	1301	1307	rVB	136095	175851	1.38%	0.240%
22	10.739	1312	1318	1332	rVB	879659	1510896	11.83%	2.059%
23	12.186	1559	1564	1571	rVB2	20449	35166	0.28%	0.048%
24	13.374	1761	1766	1771	rBV5	11908	16603	0.13%	0.023%
25	13.857	1842	1848	1852	rBV	1843400	2461260	19.27%	3.355%
26	13.904	1852	1856	1863	rVB	817233	1091611	8.55%	1.488%
27	14.139	1889	1896	1905	rBV	2076571	3010409	23.57%	4.103%
28	14.257	1912	1916	1921	rVB5	18946	25727	0.20%	0.035%
29	14.445	1940	1948	1957	rBV2	1613739	2435908	19.07%	3.320%
30	14.651	1977	1983	1997	rBV	597078	951873	7.45%	1.297%
31	14.863	2014	2019	2024	rBV8	24576	43491	0.34%	0.059%
32	15.039	2044	2049	2054	rBV4	14007	23340	0.18%	0.032%
33	15.439	2110	2117	2125	rBV	2568652	3734374	29.24%	5.090%
34	15.563	2132	2138	2148	rBV	338412	486738	3.81%	0.663%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM060619MA.M
Title : SVOA CALIBRATION

35	15.680	2152	2158	2163	rBV	35262	51084	0.40%	0.070%
36	16.145	2231	2237	2244	rBV	61102	103421	0.81%	0.141%
37	16.227	2246	2251	2258	rVB9	11574	21846	0.17%	0.030%
38	16.339	2266	2270	2274	rVB5	10793	15531	0.12%	0.021%
39	17.192	2409	2415	2420	rBV2	2095005	2940057	23.02%	4.007%
40	17.233	2420	2422	2426	rVV	55341	69500	0.54%	0.095%
41	17.292	2426	2432	2440	rVB	2795894	3969255	31.08%	5.410%
42	17.445	2454	2458	2463	rBV2	44876	71358	0.56%	0.097%
43	17.680	2495	2498	2502	rBV6	15207	20039	0.16%	0.027%
44	18.080	2561	2566	2576	rBV	636619	943855	7.39%	1.286%
45	18.421	2621	2624	2629	rVB3	32365	45470	0.36%	0.062%
46	19.215	2756	2759	2761	rBV2	62835	81844	0.64%	0.112%
47	19.251	2761	2765	2771	rVB	233424	330712	2.59%	0.451%
48	19.362	2779	2784	2792	rBV	378332	607266	4.75%	0.828%
49	19.586	2817	2822	2827	rBV	3460985	4745656	37.16%	6.468%
50	21.080	3072	3076	3083	rVB2	549254	707310	5.54%	0.964%
51	21.374	3121	3126	3130	rBV	2533001	3306331	25.89%	4.506%
52	21.962	3222	3226	3232	rBV	489926	717699	5.62%	0.978%
53	22.433	3303	3306	3310	rVB	453989	509700	3.99%	0.695%
54	22.950	3390	3394	3399	rBV2	993115	1459089	11.42%	1.989%
55	23.515	3484	3490	3502	rVB2	2757544	5707502	44.69%	7.779%
56	23.662	3509	3515	3522	rVB	1848651	3439721	26.93%	4.688%
57	24.191	3601	3605	3614	rVB	552449	1087762	8.52%	1.483%

Sum of corrected areas: 73368622

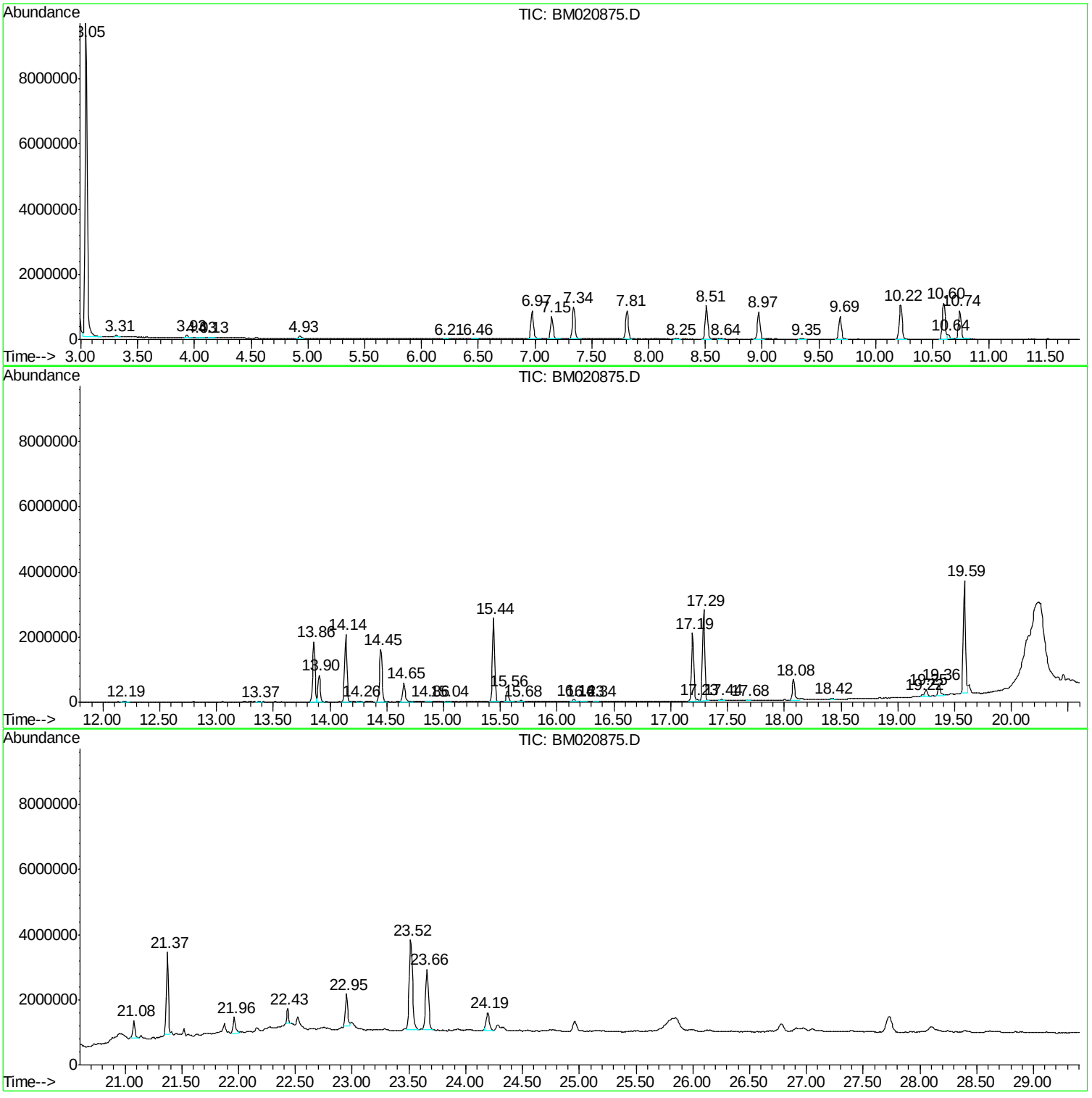
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

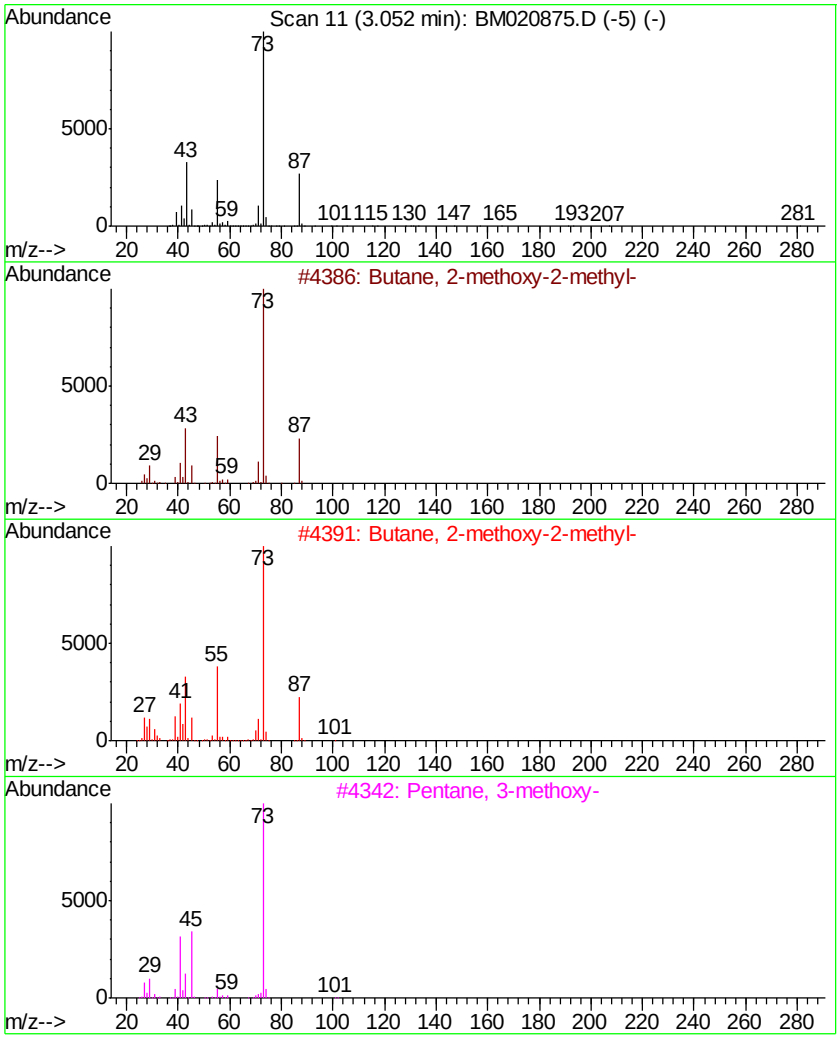
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

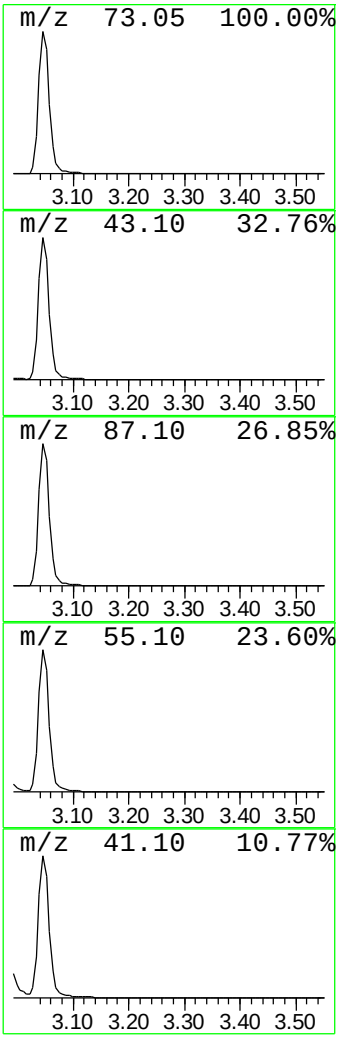
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	186.48 ng/ul	12772200	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

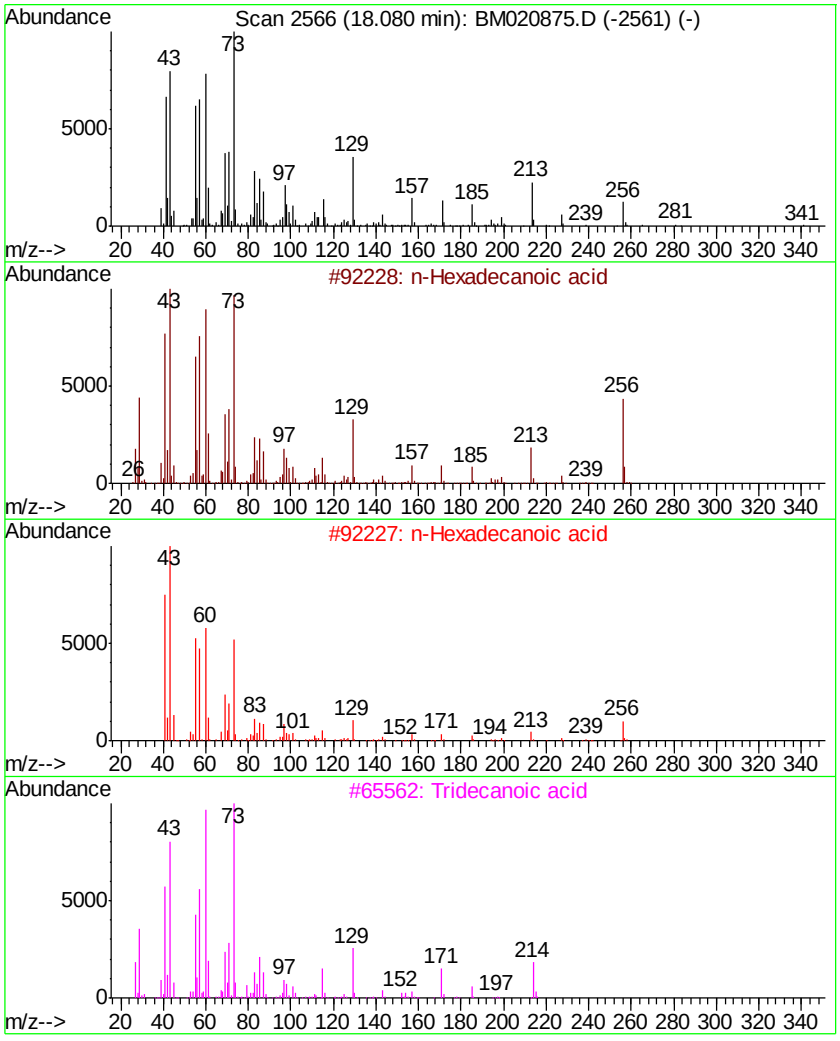
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

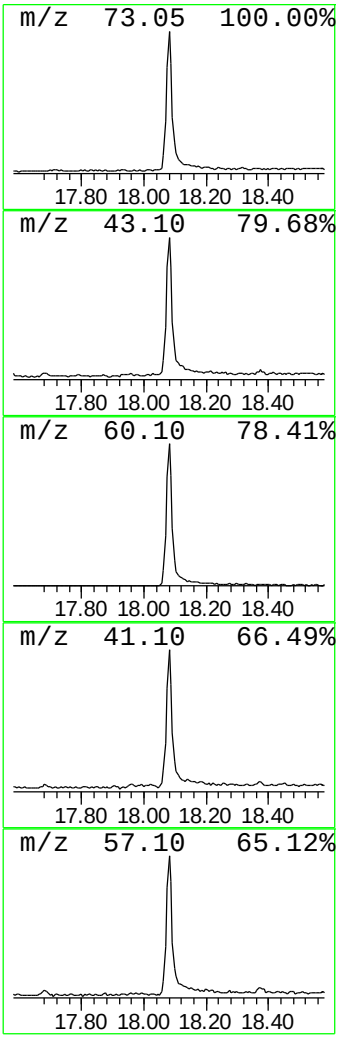
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.42 ng/ul	943855	Phenanthrene-d10	17.19

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

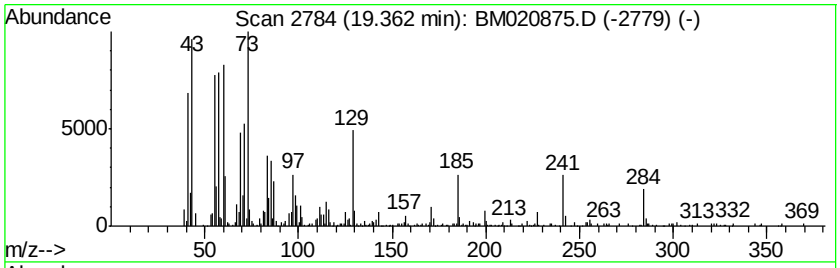
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

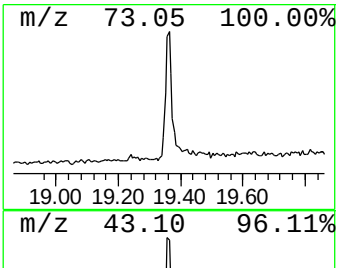
****

Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.67 ng/ul	607266	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

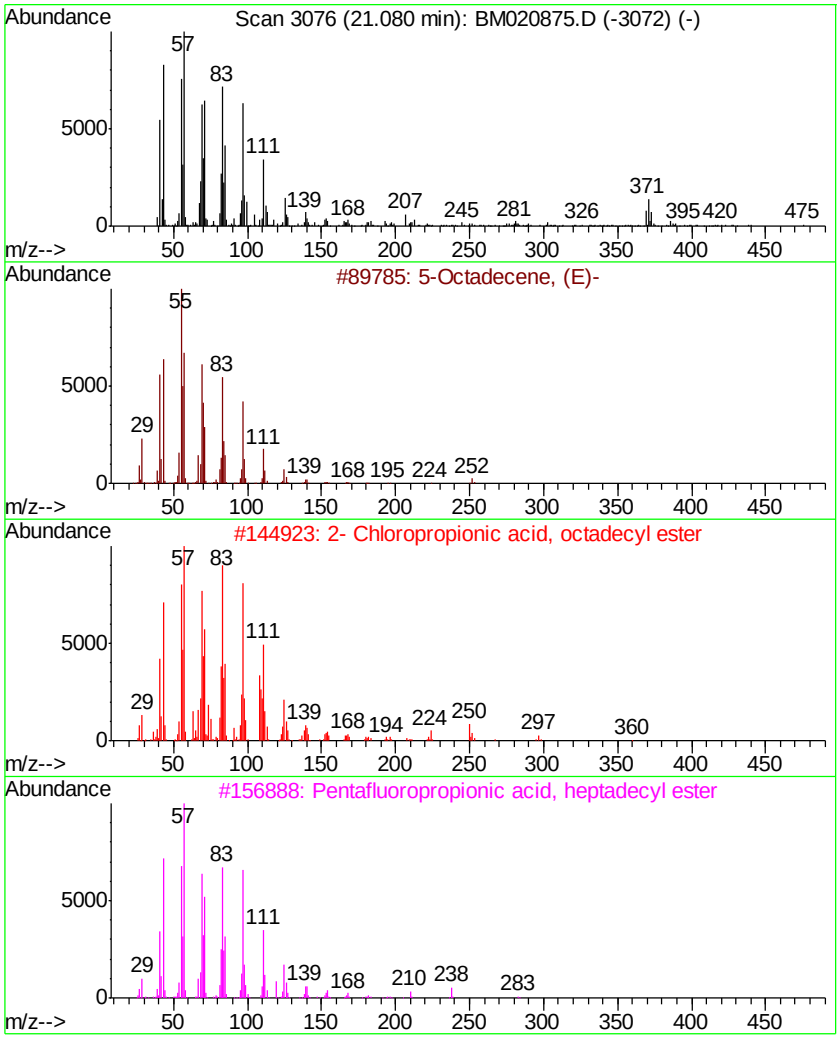
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

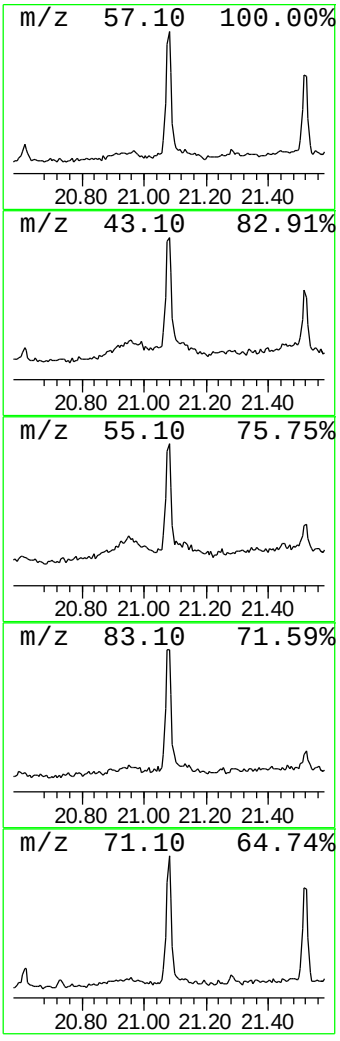
****

Peak Number 4 (DEL) Alkane: Cyclic21.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.28 ng/ul	707310	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5	Cyclooctacosane	392	C28H56	000297-24-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

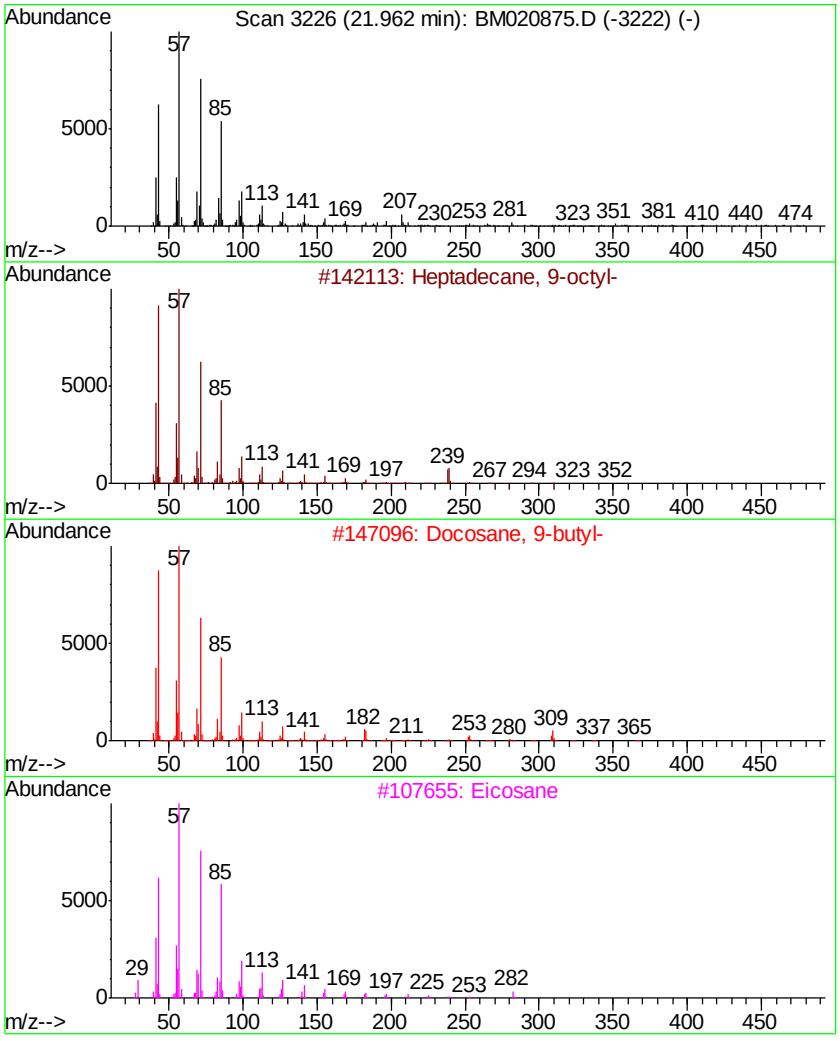
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

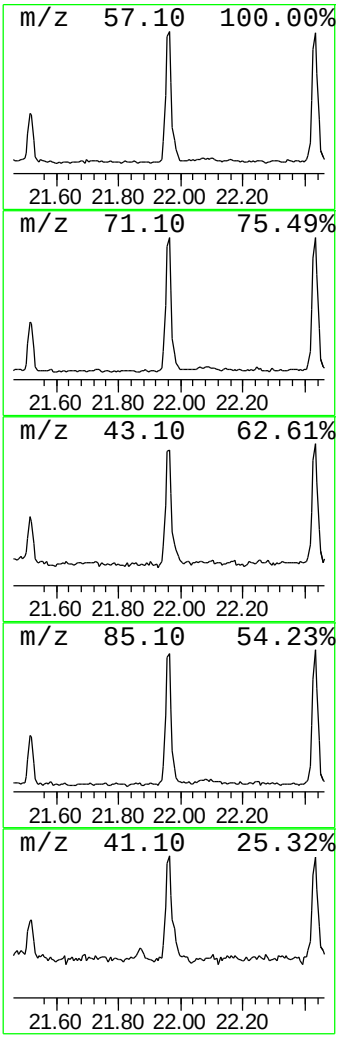
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	4.34 ng/ul	717699	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Dotriacontane	451	C32H66	000544-85-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

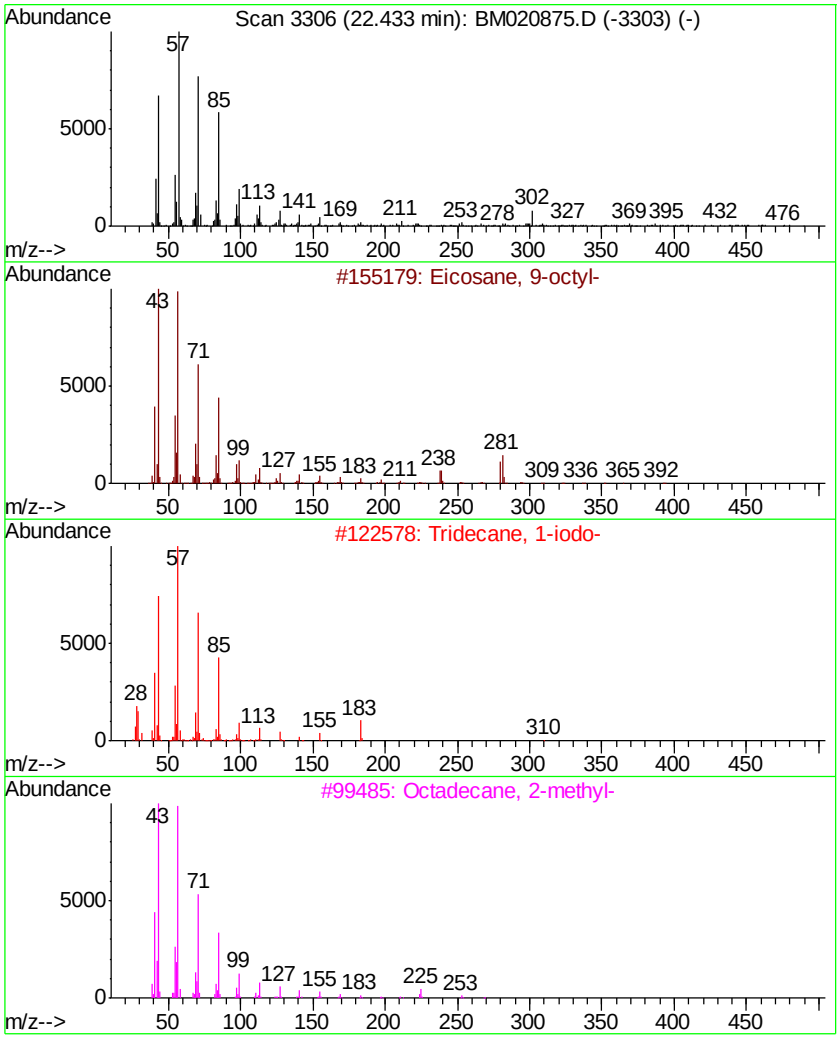
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

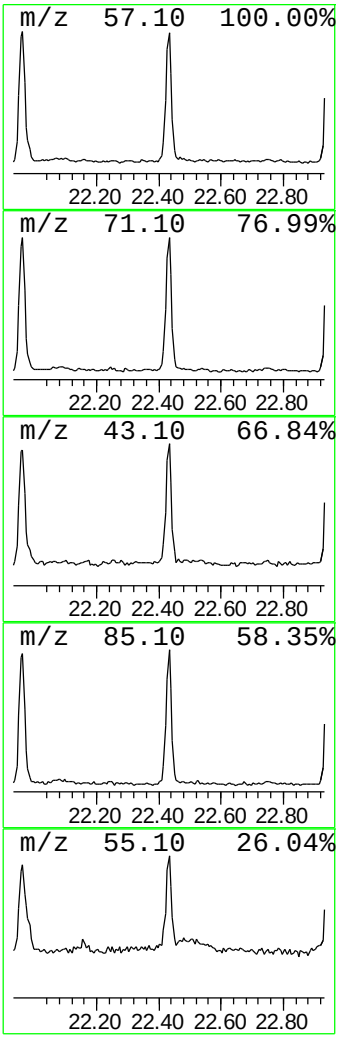
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.08 ng/ul	509700	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

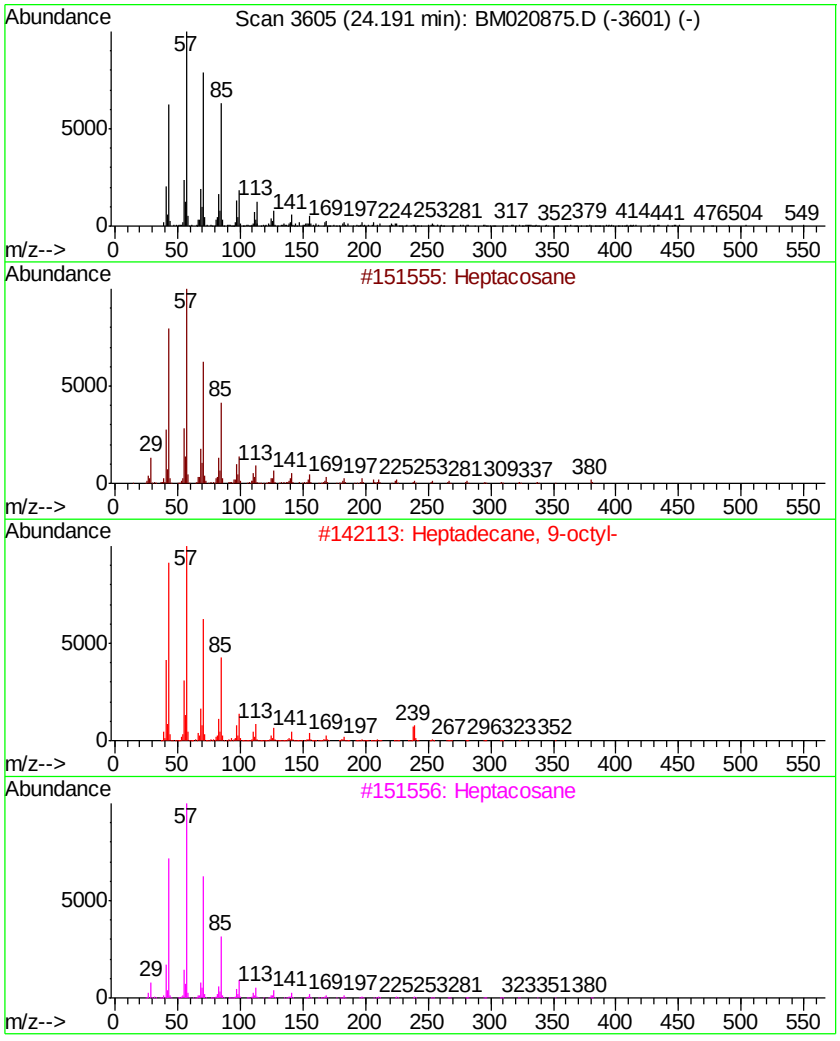
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

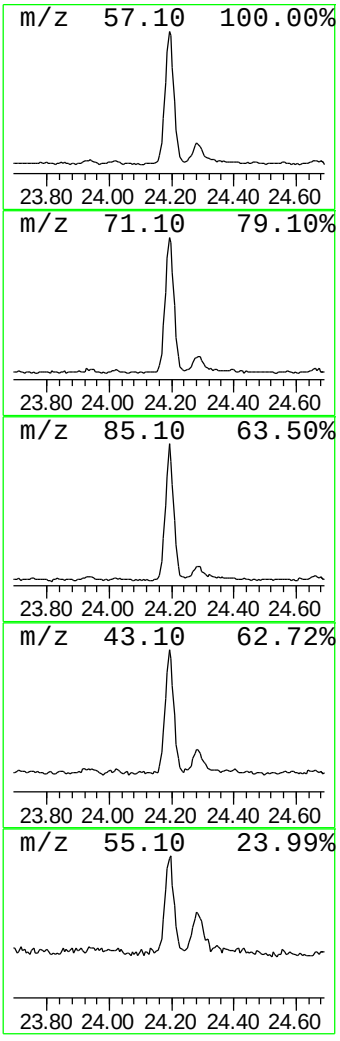
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	6.32 ng/ul	1087760	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Heptacosane	380	C27H56	000593-49-7	94
4	Nonacosane	408	C29H60	000630-03-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020875.D
Acq On : 11 Jun 2019 15:34
Operator : HP/JU
Sample : K3083-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	186.5	ng/ul	12772200	1	7.81	1369830	20.0
n-Hexadecanoic acid	18.08	6.4	ng/ul	943855	4	17.19	2940060	20.0
Octadecanoic acid	19.36	3.7	ng/ul	607266	5	21.37	3306330	20.0
(DEL) Alkane: Cyc...	21.08	4.3	ng/ul	707310	5	21.37	3306330	20.0
(DEL) Alkane: Str...	21.96	4.3	ng/ul	717699	5	21.37	3306330	20.0
(DEL) Alkane: Str...	22.43	3.1	ng/ul	509700	5	21.37	3306330	20.0
(DEL) Alkane: Str...	24.19	6.3	ng/ul	1087760	6	23.66	3439720	20.0