LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.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	6.992	657	664	675	rBV	904593	1538339	24.70%	2.700%
2	7.163	686	693	703	rBV	687983	1070135	17.18%	1.878%
3	7.357	719	726	735	rBV	881865	1417309	22.76%	2.488%
4	7.828	800	806	812	rBV	670830	1097739	17.63%	1.927%
5	7.881	812	815	820	rVB2	40494	62891	1.01%	0.110%
6	8.528	918	925	935	rBV	1001530	1631397	26.19%	2.863%
7	8.998	997	1005	1013	rBV	861032	1394386	22.39%	2.447%
8	9.716	1119	1127	1137	rBV	700907	1168754	18.77%	2.051%
9	10.245	1210	1217	1232	rBV	981650	1639673	26.33%	2.878%
10	10.628	1273	1282	1289	rBV	841345	1386359	22.26%	2.433%
11	10.769	1297	1306	1319	rBV	733167	1293347	20.77%	2.270%
12	13.886	1829	1836	1840	rBV	1350530	1947839	31.27%	3.419%
13	13.927	1840	1843	1852	rVB	767915	1028386	16.51%	1.805%
14	14.168	1877	1884	1891	rBV	1735164	2540667	40.79%	4.459%
15	14.474	1930	1936	1944	rVB2	1088441	1678192	26.95%	2.946%
16	14.674	1964	1970	1984	rBV	739911	1179167	18.93%	2.070%
17	15.304	2073	2077	2081	rVB3	63139	77518	1.24%	0.136%
18	15.468	2099	2105	2114	rVB	2177902	3112911	49.98%	5.464%
19	15.598	2122	2127	2136	rBV	656366	912408	14.65%	1.601%
20	15.710	2139	2146	2151	rVV6	42942	74724	1.20%	0.131%
21	16.168	2218	2224	2232	rBV	86190	144808	2.33%	0.254%
22	16.957	2354	2358	2363	rBV2	52713	65419	1.05%	0.115%
23	17.227	2397	2404	2411	rBV	1388394	1959950	31.47%	3.440%
24	17.327	2414	2421	2428	rVB2	2381069	3368937	54.09%	5.913%
25	18.104	2546	2553	2564	rBV	383701	609625	9.79%	1.070%
26	19.256	2739	2749	2759	rBV	58209	140832	2.26%	0.247%
27	19.380	2765	2770	2779	rBV2	236324	386999	6.21%	0.679%
28	19.545	2794	2798	2804	rVB	457417	530063	8.51%	0.930%
29	19.621	2804	2811	2819	rVB	2989610	4008100	64.35%	7.035%
30	20.527	2956	2965	2971	rBV	3236292	6228127	100.00%	10.932%
31	20.574	2971	2973	2980	rVV	1595261	2223533	35.70%	3.903%
32	20.633	2980	2983	2993	rVB	513561	731058	11.74%	1.283%
33	21.092	3057	3061	3068	rBV2	236774	342475	5.50%	0.601%
34	21.403	3109	3114	3122	rBV	2020770	2625321	42.15%	4.608%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Title : SVOA CALIBRATION

35	21.486	3124	3128	3131	rBV	516135	665280	10.68%	1.168%
36	23.580	3476	3484	3496	rVB2	2145279	4172691	67.00%	7.324%
37	23.727	3502	3509	3518	rVB2	1324103	2516834	40.41%	4.418%

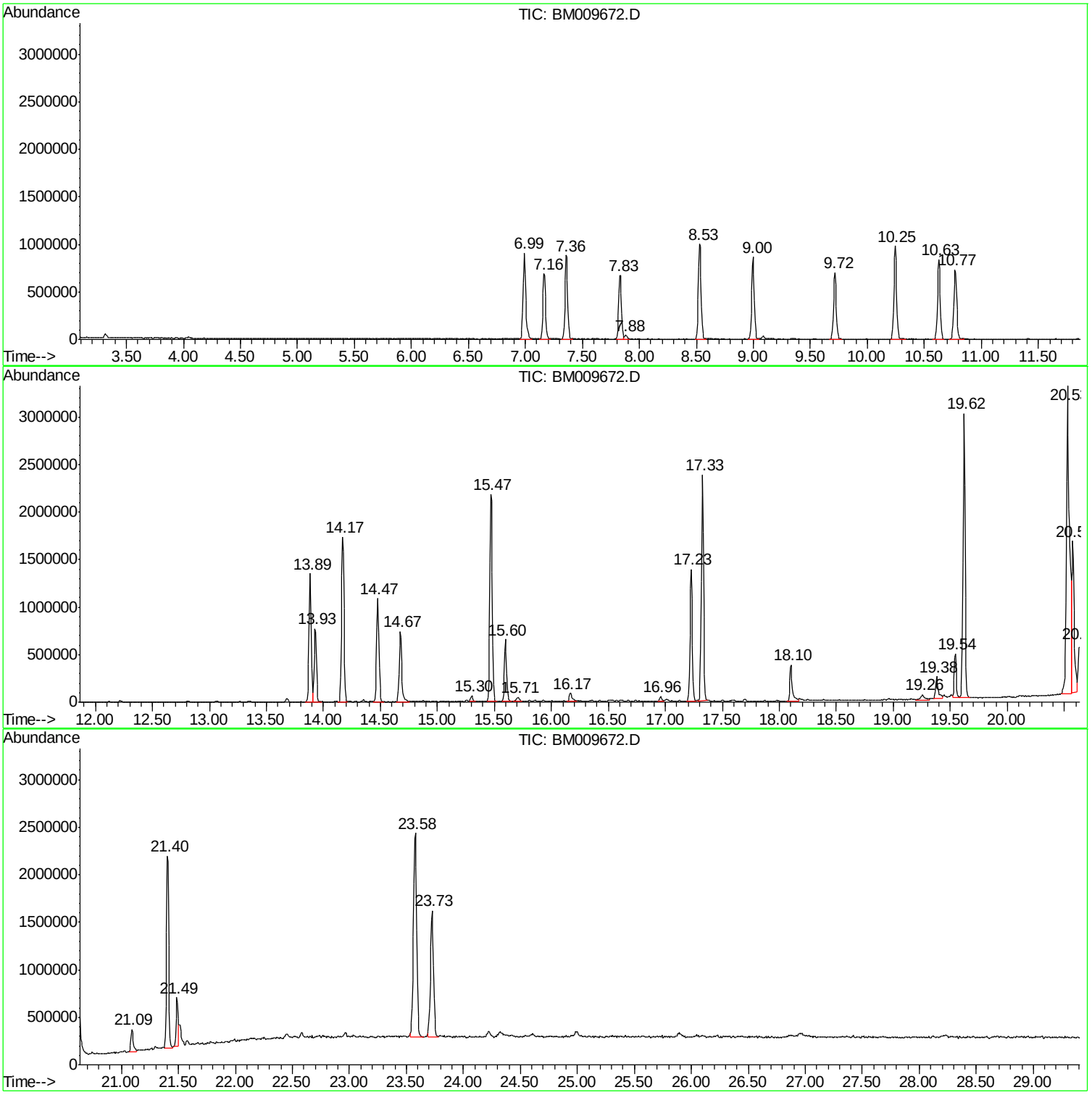
Sum of corrected areas: 56972193

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

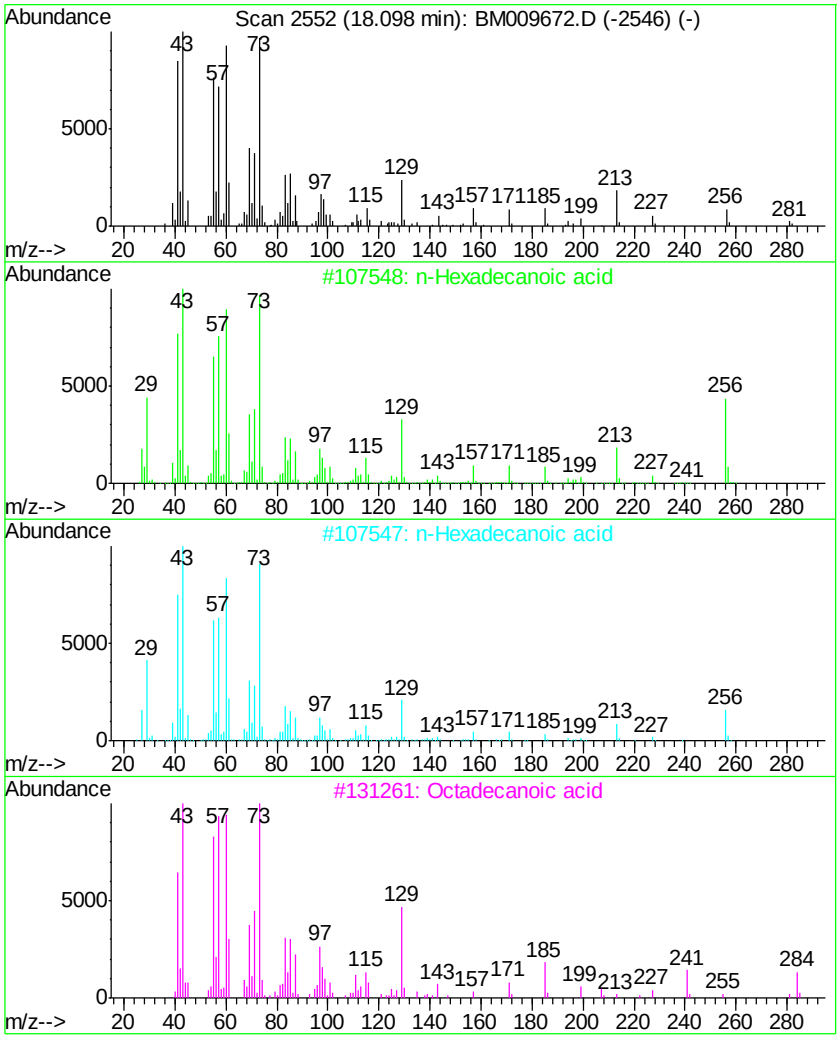
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

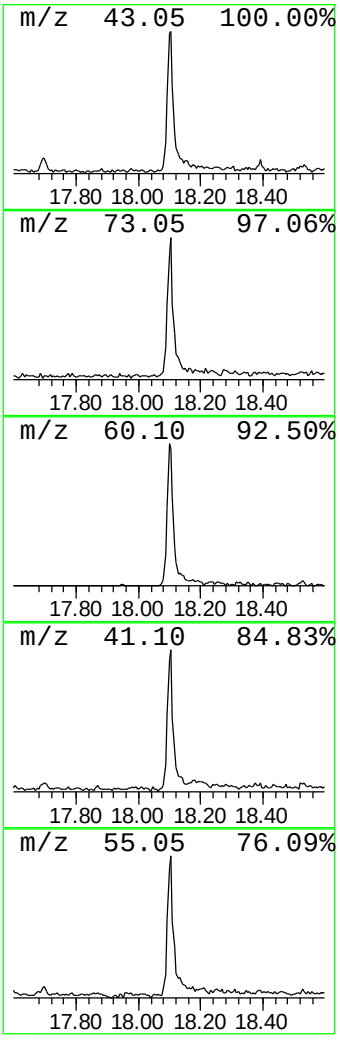
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	6.22 ng/ul	609625	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

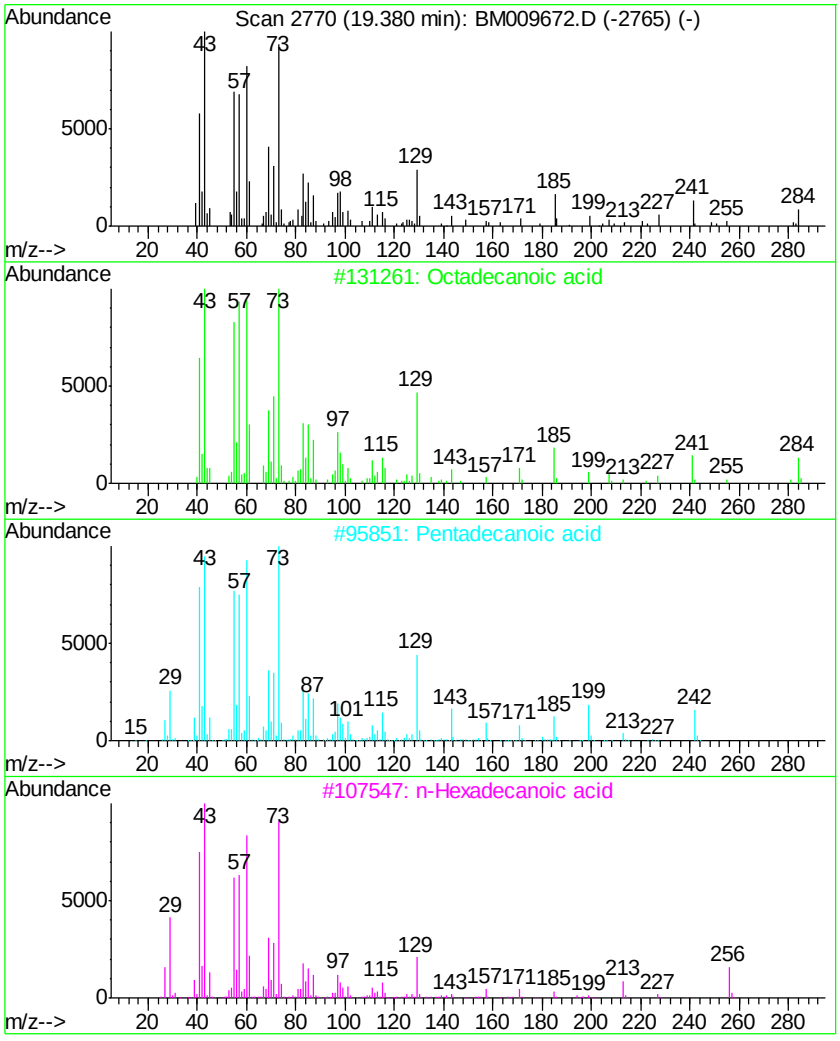
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

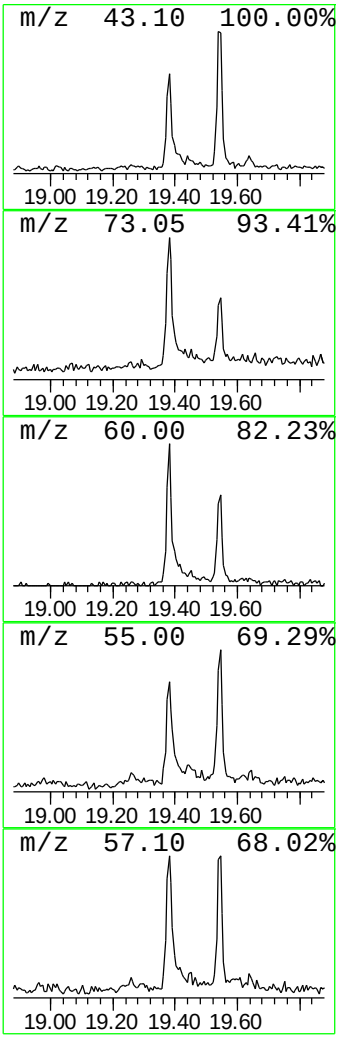
****

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	2.95 ng/ul	386999	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

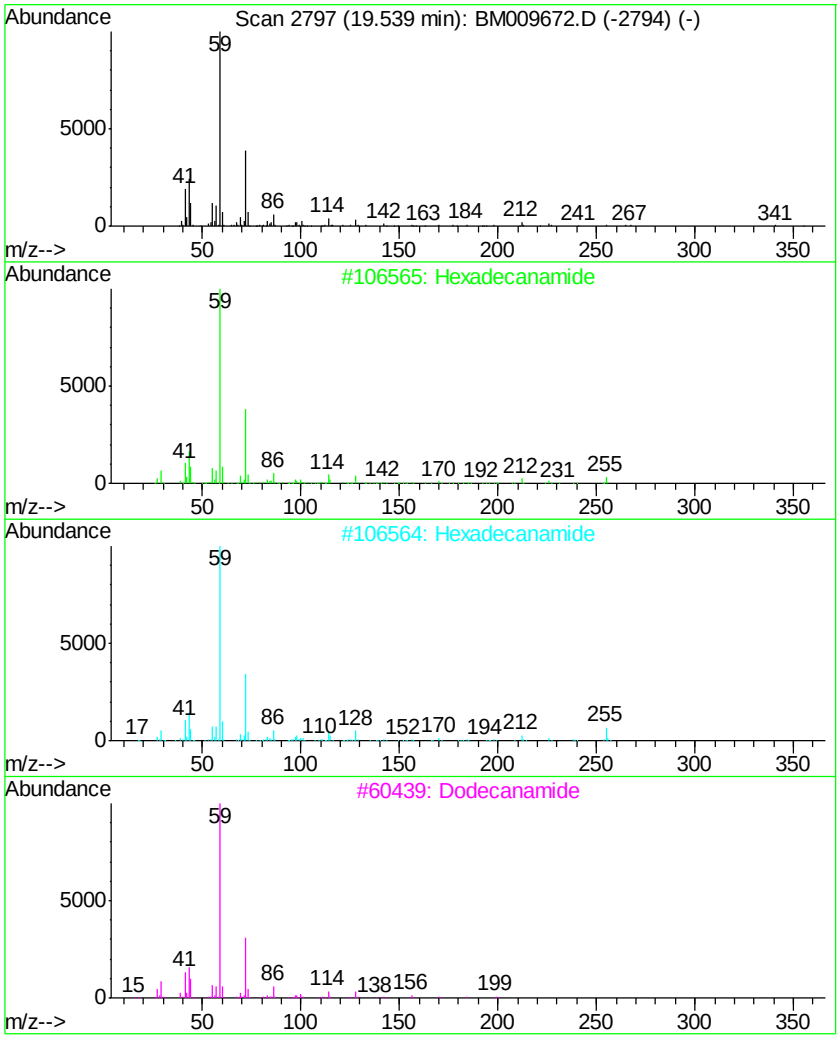
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

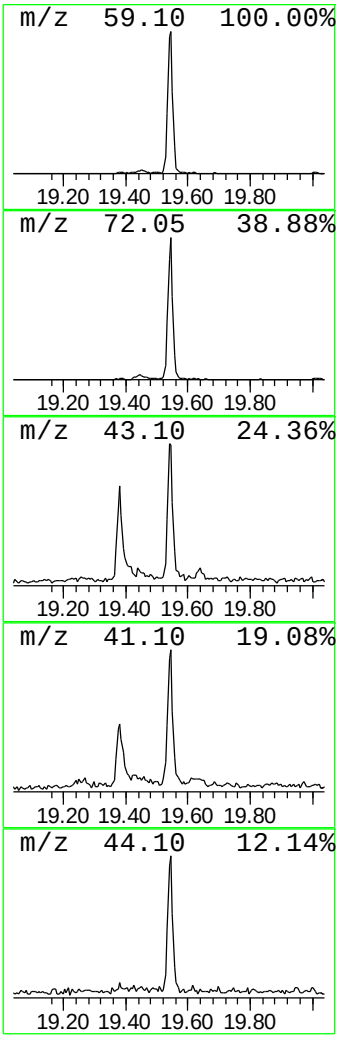
****

Peak Number 3 Hexadecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	4.04 ng/ul	530063	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	94
2	Hexadecanamide	255	C16H33NO	000629-54-9	86
3	Dodecanamide	199	C12H25NO	001120-16-7	80
4	Decanamide-	171	C10H21NO	002319-29-1	78
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

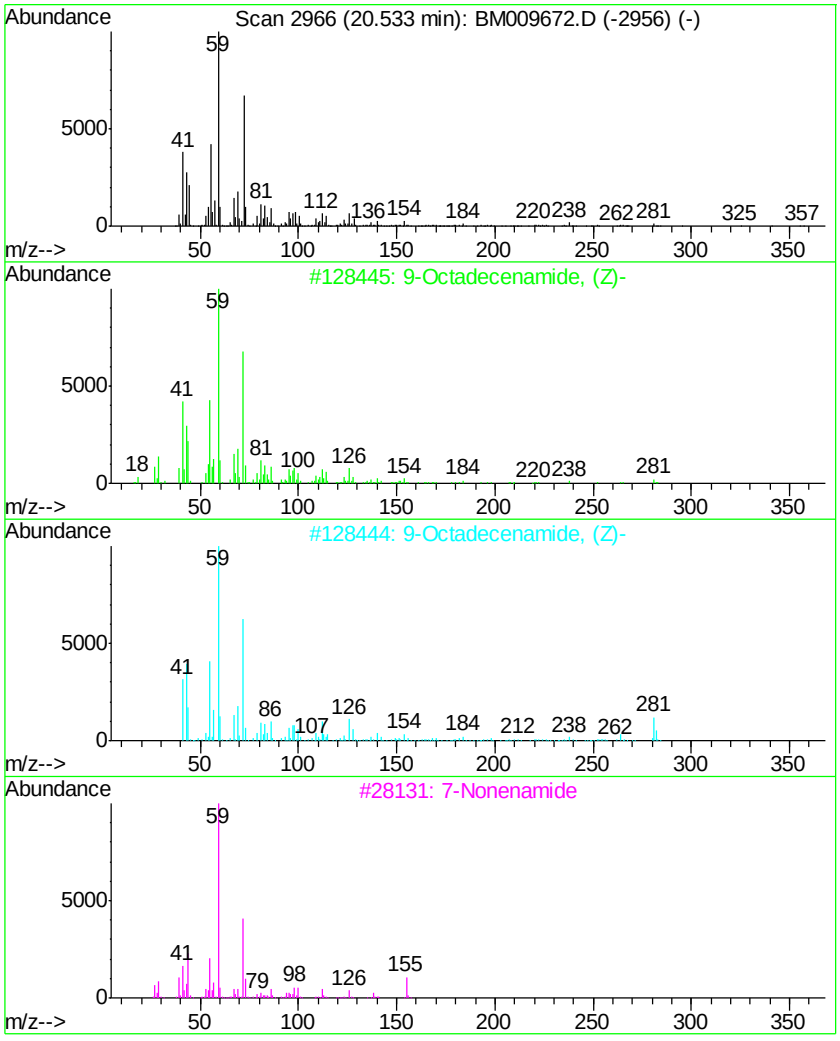
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

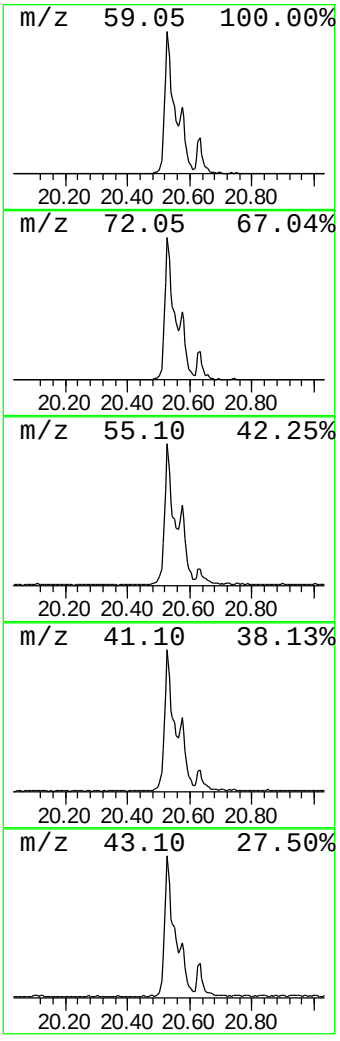
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	47.45 ng/ul	6228130	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	7-Nonenamide	155	C9H17NO	090949-53-4	64
4	Octanamide	143	C8H17NO	000629-01-6	64
5	Nonanamide	157	C9H19NO	001120-07-6	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

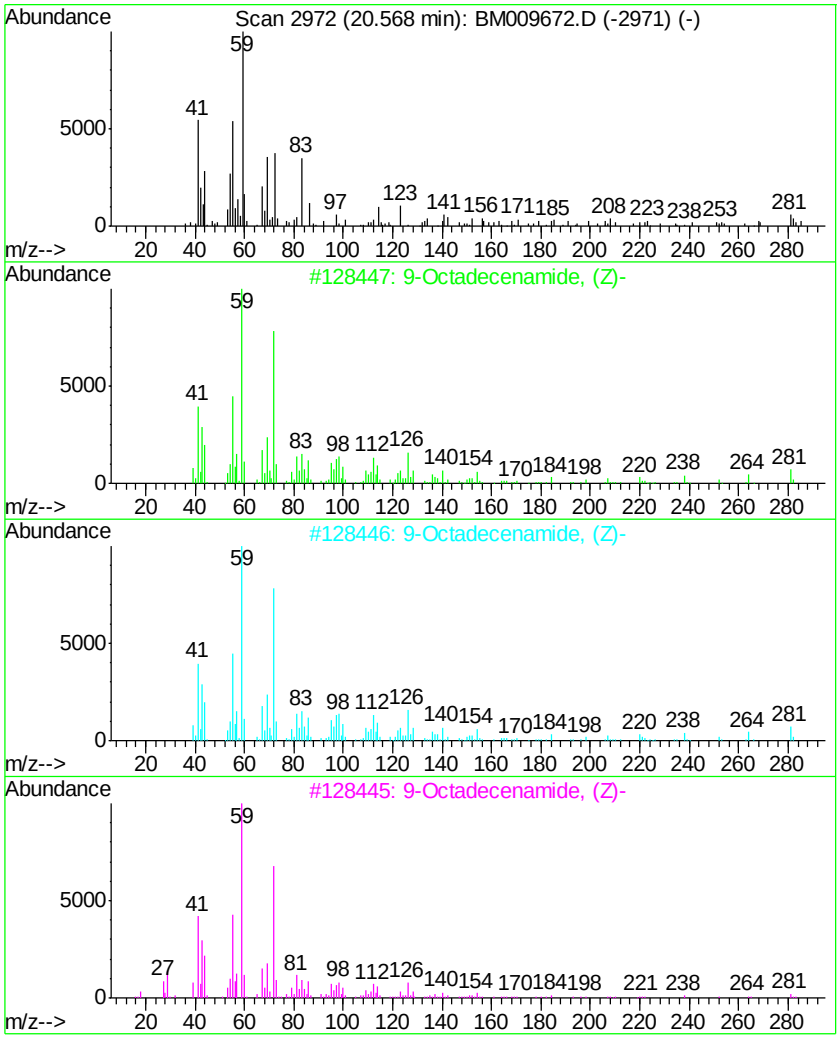
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

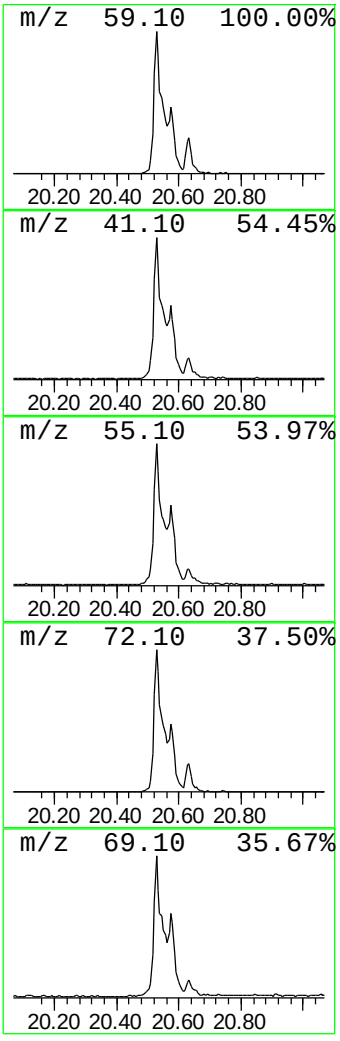
****

Peak Number 5 Decanamide- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	16.94 ng/ul	2223530	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
5	Decanamide-	171	C10H21NO	002319-29-1	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

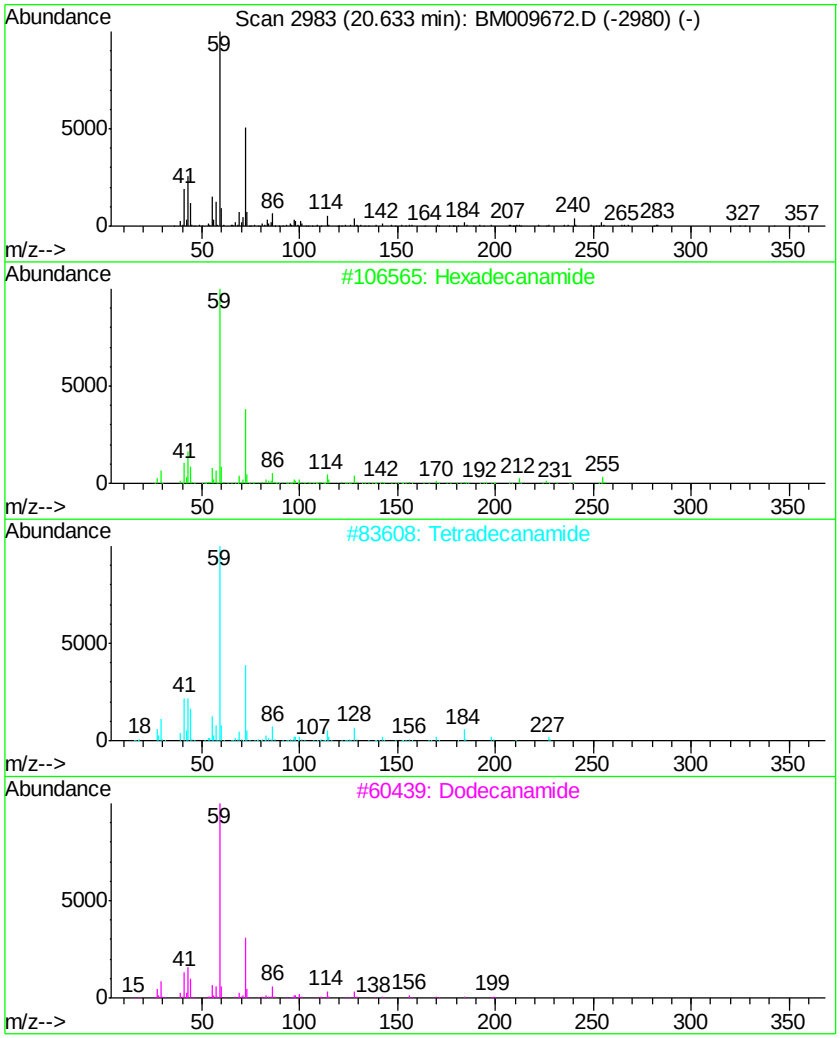
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

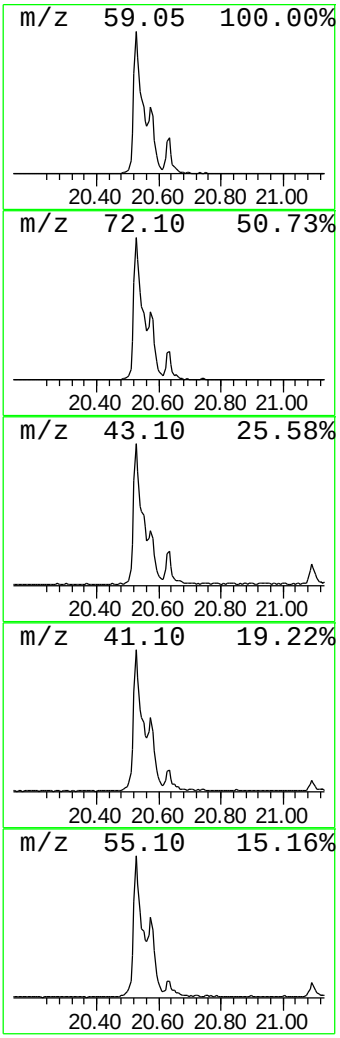
****

Peak Number 6 Nonadecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	5.57 ng/ul	731058	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	87
2	Tetradecanamide	227	C14H29NO	000638-58-4	78
3	Dodecanamide	199	C12H25NO	001120-16-7	64
4	Nonadecanamide	297	C19H39NO	058185-32-3	64
5	Dodecanamide	199	C12H25NO	001120-16-7	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

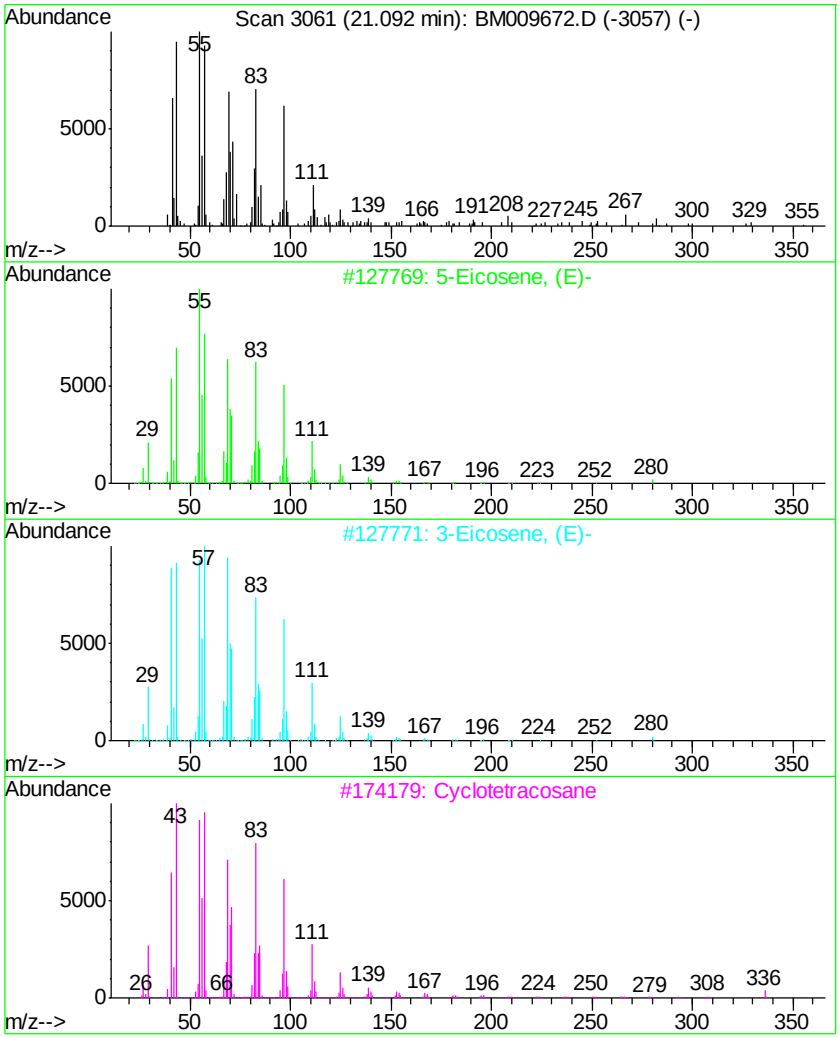
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

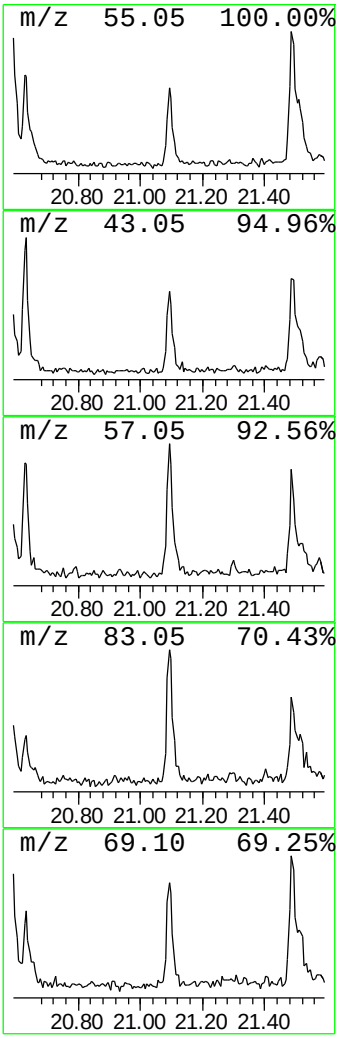
****

Peak Number 7 (DEL) Alkane: Cyclic21.09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.61 ng/ul	342475	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Eicosene	280	C20H40	003452-07-1	89
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

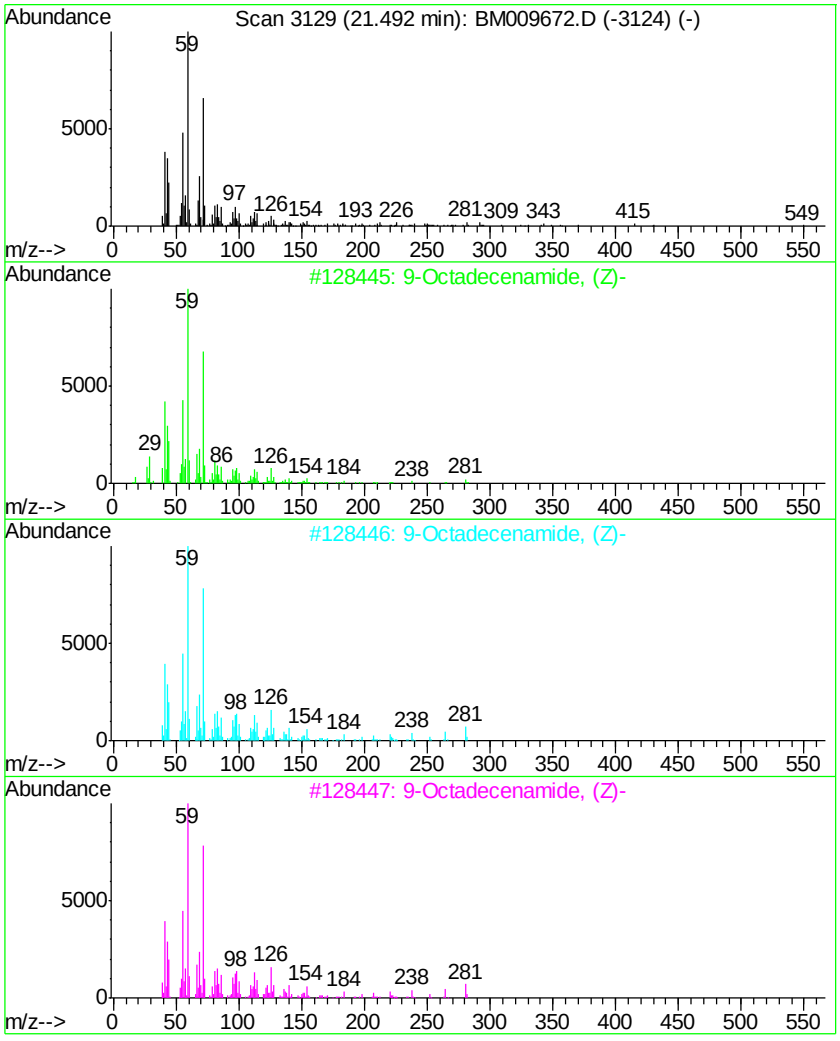
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

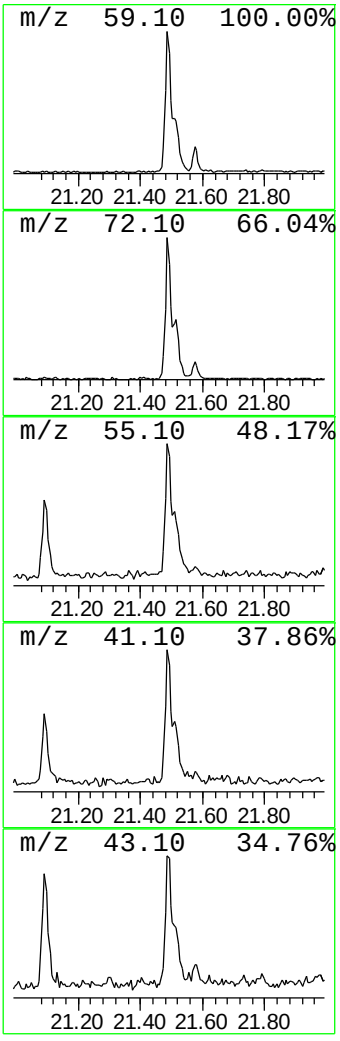
****

Peak Number 8 Heptanamide, 4-ethyl-5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	5.07 ng/ul	665280	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
5	Dodecanamide	199	C12H25NO	001120-16-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009672.D
Acq On : 19 Apr 2017 17:04
Operator : SJ/MA
Sample : I2691-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAB63

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.10	6.2	ng/ul	609625	4	17.23	1959950	20.0
Octadecanoic acid	19.38	3.0	ng/ul	386999	5	21.41	2625320	20.0
Hexadecanamide	19.54	4.0	ng/ul	530063	5	21.41	2625320	20.0
9-Octadecenamide,...	20.53	47.5	ng/ul	6228130	5	21.41	2625320	20.0
Decanamide-	20.57	16.9	ng/ul	2223530	5	21.41	2625320	20.0
Nonadecanamide	20.63	5.6	ng/ul	731058	5	21.41	2625320	20.0
(DEL) Alkane: Cyc...	21.09	2.6	ng/ul	342475	5	21.41	2625320	20.0
Heptanamide, 4-et...	21.49	5.1	ng/ul	665280	5	21.41	2625320	20.0