LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	4	12	20	rBV3	136630	407985	6.35%	1.291%
2	3.240	20	26	41	rVB2	94968	212883	3.31%	0.674%
3	5.620	424	431	439	rBV	808004	1365674	21.26%	4.322%
4	7.200	693	700	710	rVB	572715	1004063	15.63%	3.177%
5	8.046	837	844	852	rBV	352903	623469	9.70%	1.973%
6	8.369	891	899	907	rBV	1382331	2504055	38.97%	7.924%
7	9.204	1028	1041	1051	rBV	1157261	2173301	33.83%	6.877%
8	10.855	1314	1322	1335	rBV	458354	889511	13.84%	2.815%
9	13.305	1731	1739	1746	rBV	2959545	4741147	73.79%	15.003%
10	14.121	1871	1878	1884	rBV	195472	301156	4.69%	0.953%
11	14.680	1965	1973	1979	rBV	735634	1203748	18.74%	3.809%
12	16.160	2217	2225	2235	rBV	2433233	3940327	61.33%	12.469%
13	17.423	2433	2440	2446	rBV	898152	1432065	22.29%	4.532%
14	18.322	2588	2593	2603	rBV	246867	398093	6.20%	1.260%
15	19.586	2804	2808	2815	rBV3	99856	161288	2.51%	0.510%
16	20.032	2878	2884	2890	rBV	4660900	6425053	100.00%	20.332%
17	21.348	3103	3108	3117	rBV2	210836	342580	5.33%	1.084%
18	21.689	3159	3166	3173	rVB	841965	1399483	21.78%	4.429%
19	21.912	3201	3204	3210	rVB6	42734	66999	1.04%	0.212%
20	22.529	3305	3309	3315	rBV3	40297	65743	1.02%	0.208%
21	23.228	3424	3428	3435	rVB2	48222	84362	1.31%	0.267%
22	24.045	3560	3567	3573	rBV4	49527	114749	1.79%	0.363%
23	24.897	3700	3712	3723	rBV2	505261	1498642	23.32%	4.742%
24	24.991	3724	3728	3742	rVB6	46551	115280	1.79%	0.365%
25	26.137	3916	3923	3933	rBV5	43145	129810	2.02%	0.411%

Sum of corrected areas: 31601466

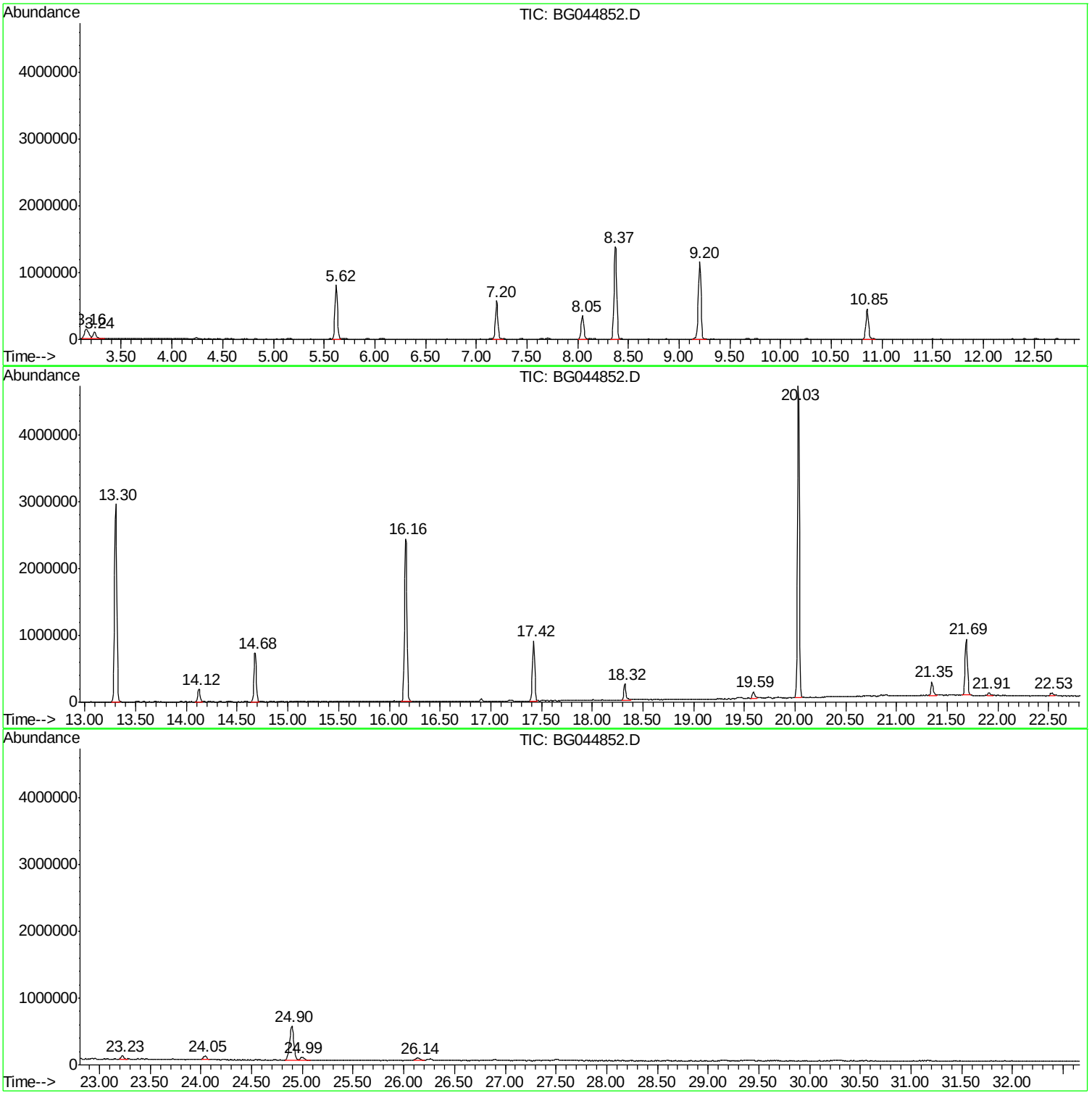
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

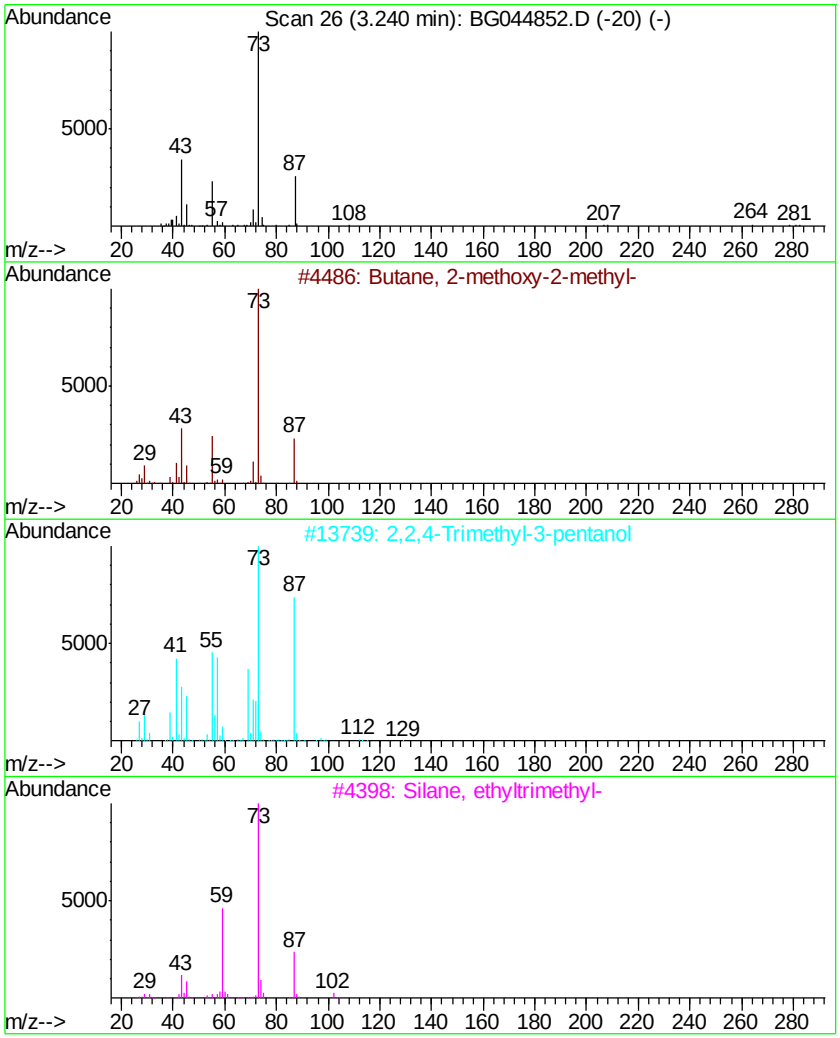
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

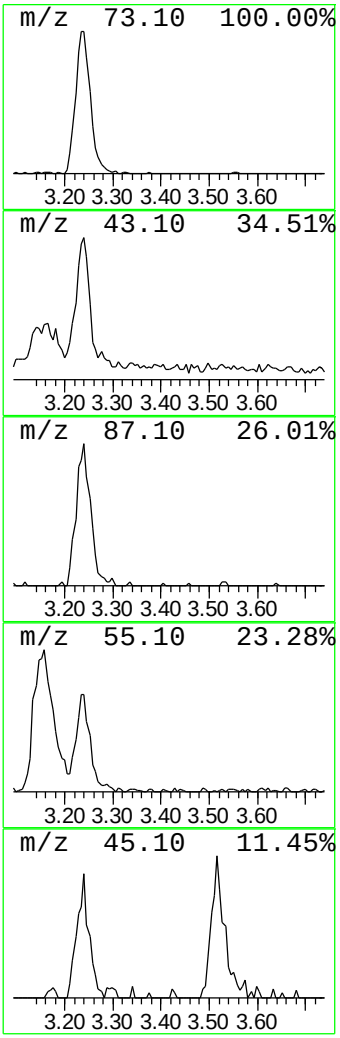
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	6.83 ng	212883	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	38
4	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	28
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

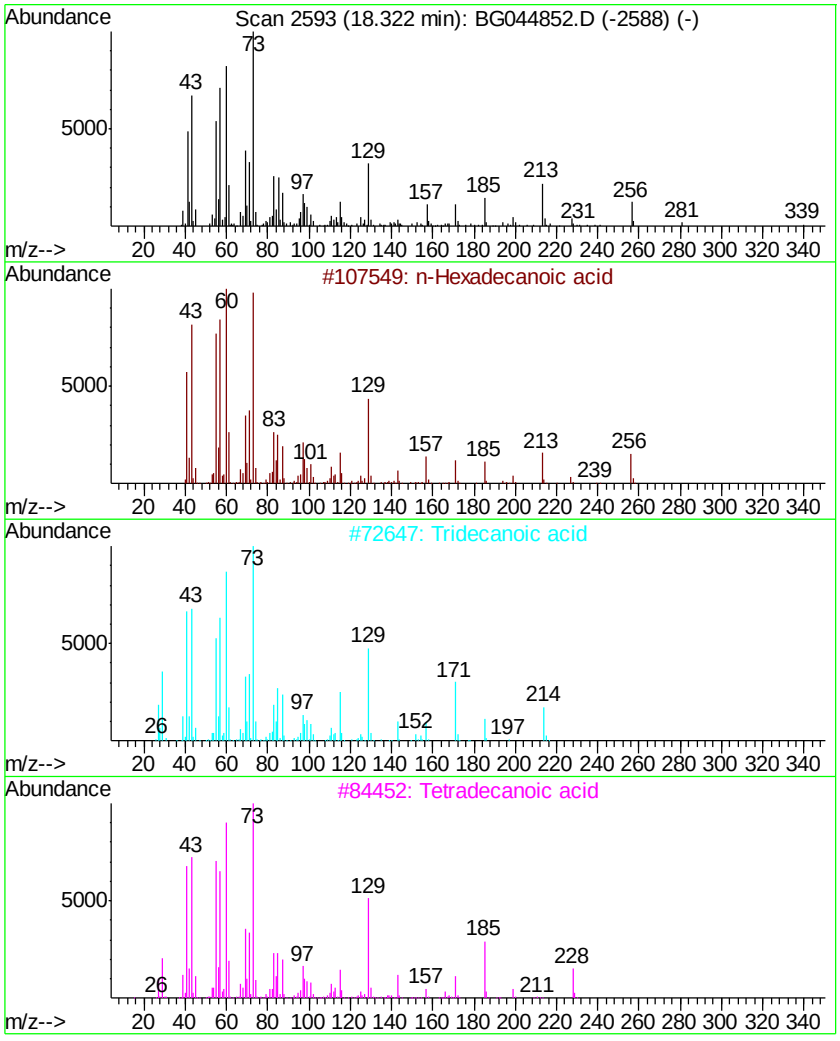
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

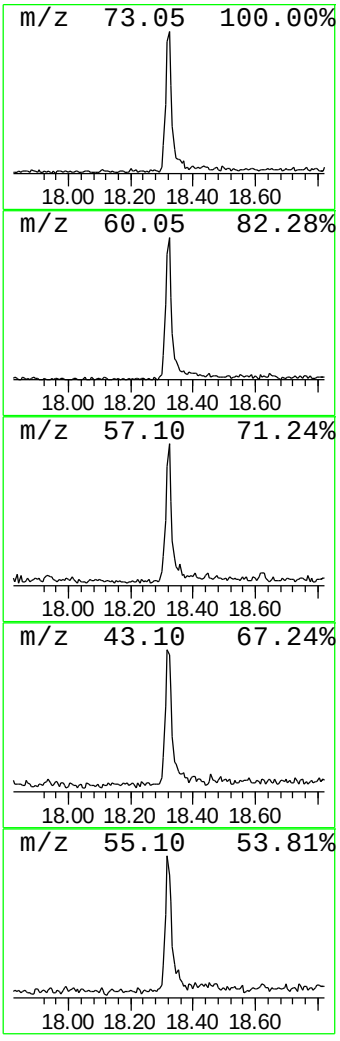
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	5.56 ng	398093	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

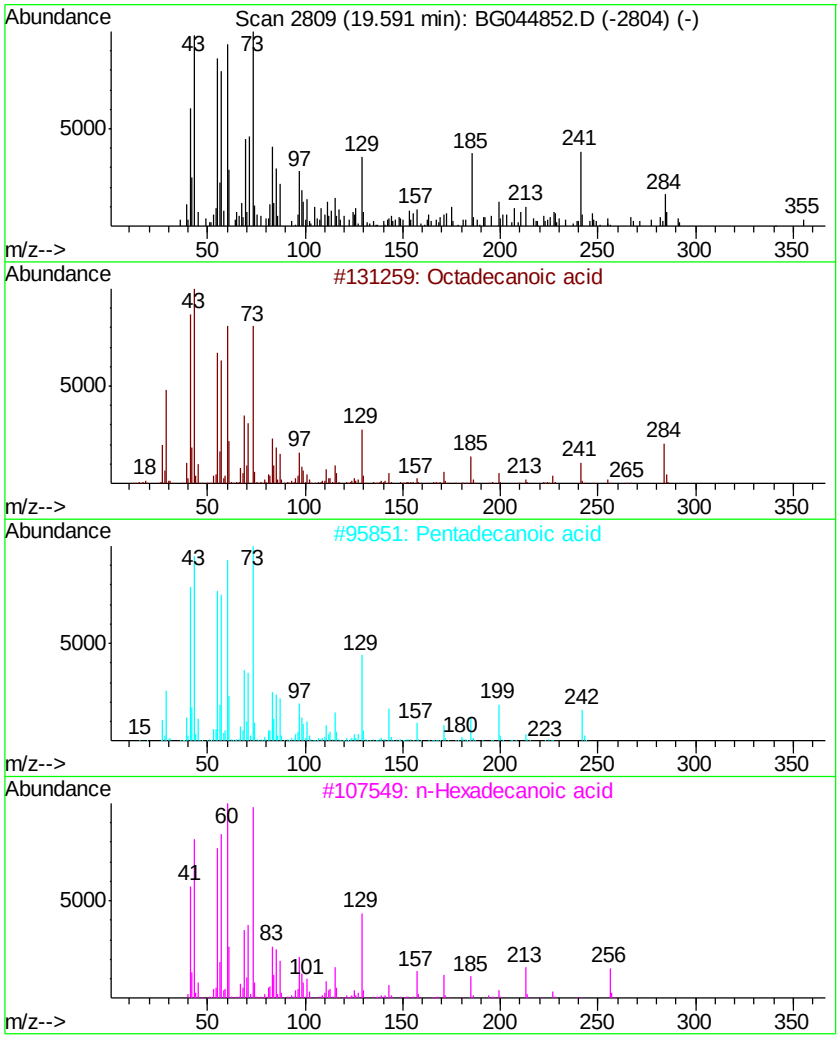
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

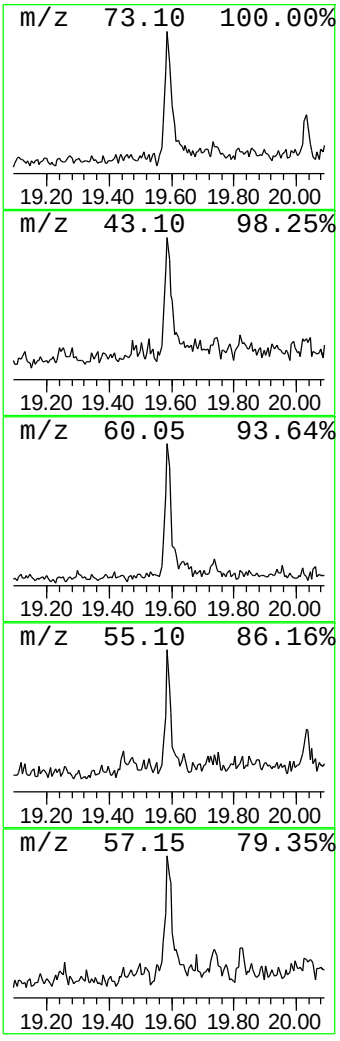
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.30 ng	161288	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

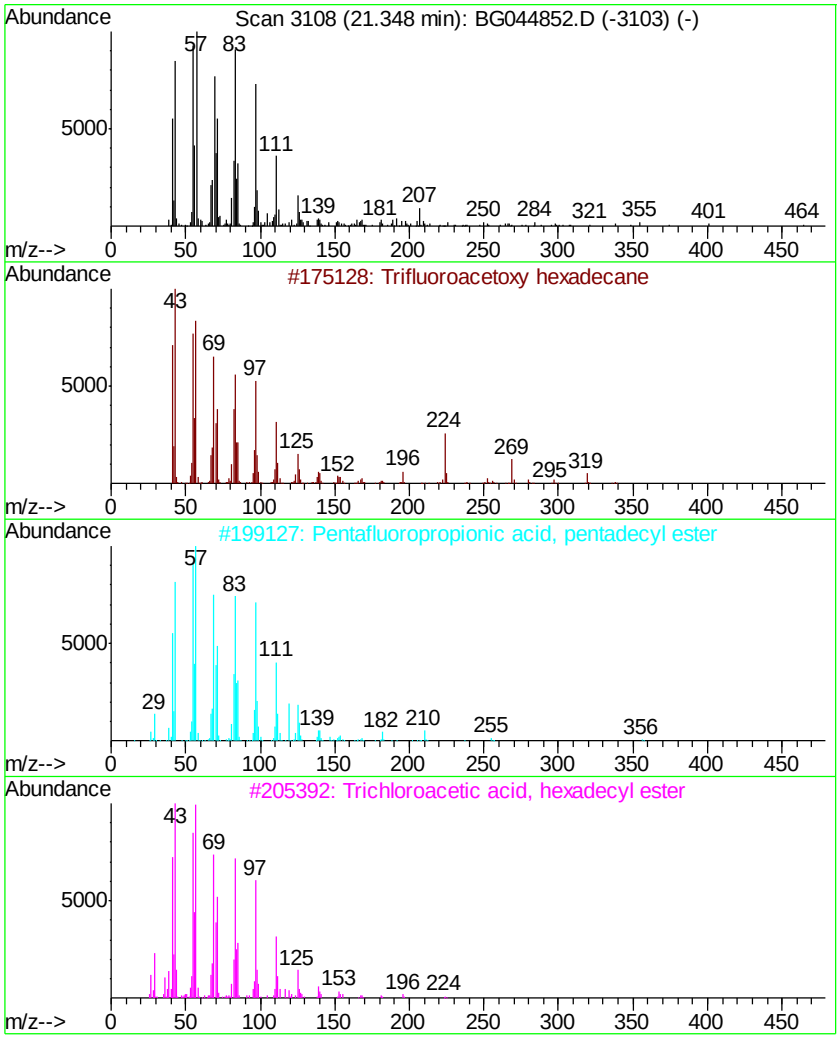
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

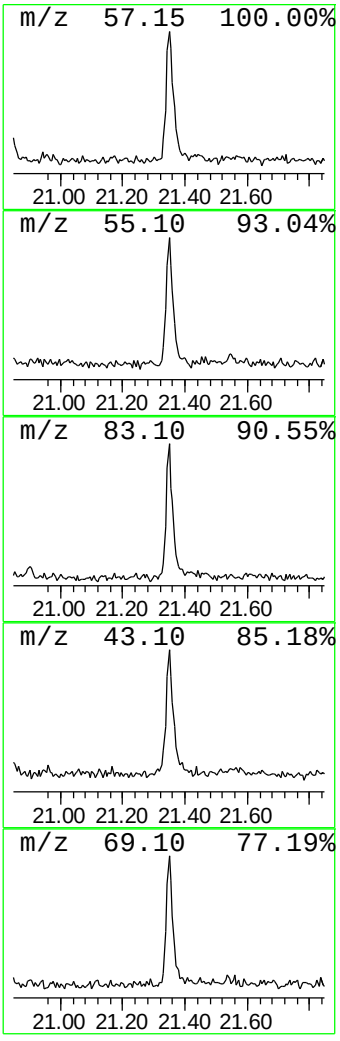
****

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.90 ng	342580	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	92
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.24	6.8	ng	212883	1	8.05	623469	20.0
n-Hexadecanoic acid	18.32	5.6	ng	398093	4	17.42	1432070	20.0
Octadecanoic acid	19.59	2.3	ng	161288	5	21.69	1399480	20.0
Trifluoroacetoxy ...	21.35	4.9	ng	342580	5	21.69	1399480	20.0