LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

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-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046809.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.665	390	396	405	rVB	488241	791426	13.92%	3.769%
2	7.252	659	666	677	rVB	298179	522375	9.19%	2.488%
3	7.686	734	740	746	rBV2	41658	68734	1.21%	0.327%
4	8.109	805	812	820	rBV	241798	404528	7.12%	1.927%
5	9.273	1001	1010	1018	rVB	796700	1444472	25.41%	6.880%
6	10.918	1284	1290	1299	rVB	296528	538844	9.48%	2.566%
7	13.356	1698	1705	1713	rVB	2057568	3207931	56.43%	15.278%
8	14.173	1839	1844	1850	rBV	171863	243505	4.28%	1.160%
9	14.731	1933	1939	1947	rVB2	498168	760984	13.39%	3.624%
10	16.212	2183	2191	2201	rBV	1750508	2641845	46.47%	12.582%
11	17.475	2399	2406	2417	rVB	649787	992867	17.46%	4.729%
12	18.356	2551	2556	2565	rBV2	162249	241925	4.26%	1.152%
13	19.620	2765	2771	2779	rBV5	57124	90628	1.59%	0.432%
14	20.078	2843	2849	2855	rBV	4144537	5685156	100.00%	27.077%
15	21.388	3067	3072	3091	rBV2	147182	323943	5.70%	1.543%
16	21.746	3126	3133	3141	rBV	782207	1324198	23.29%	6.307%
17	23.480	3421	3428	3435	rVB	174227	337200	5.93%	1.606%
18	25.019	3680	3690	3712	rVB2	457651	1375902	24.20%	6.553%

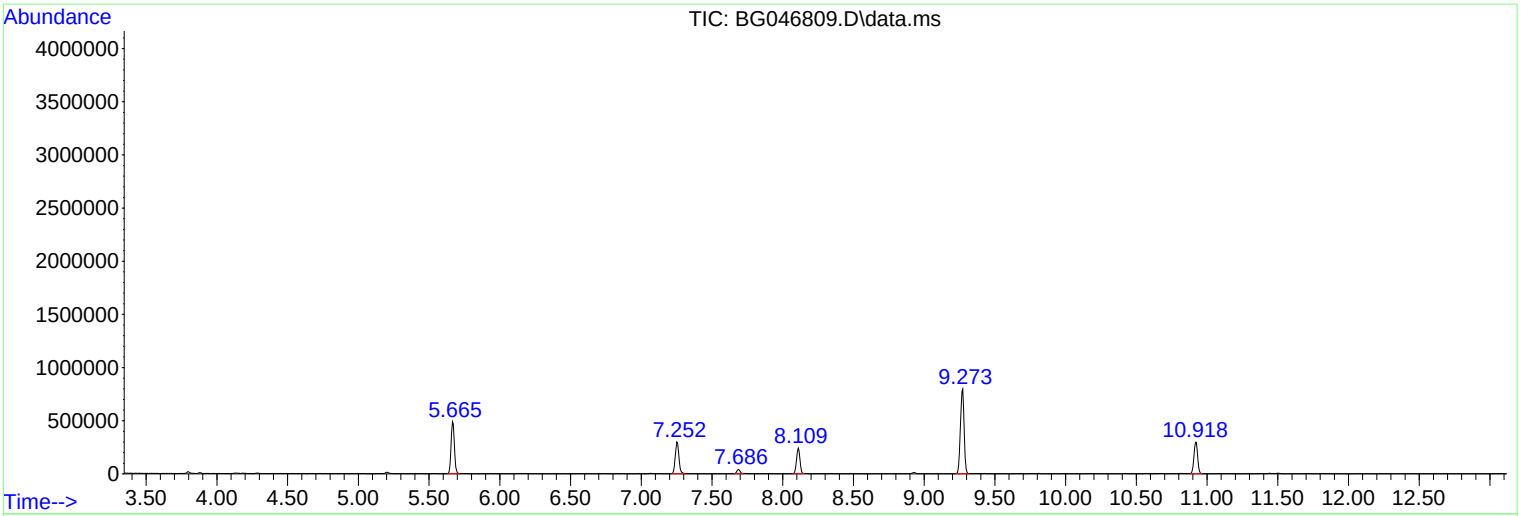
Sum of corrected areas: 20996463

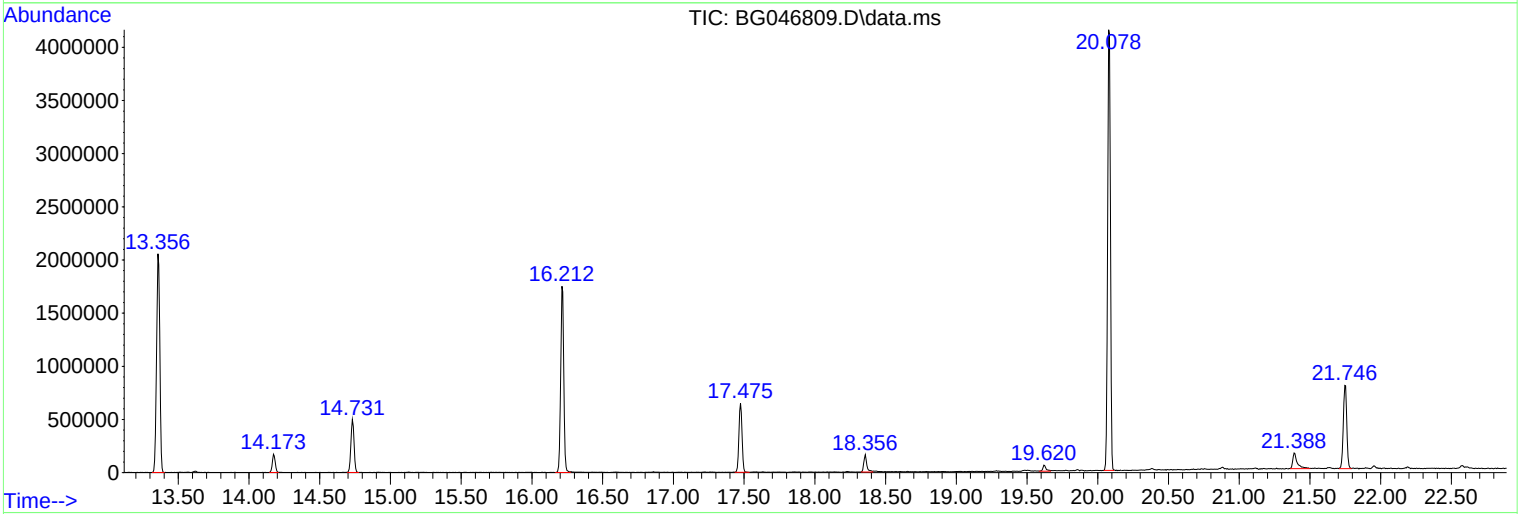
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

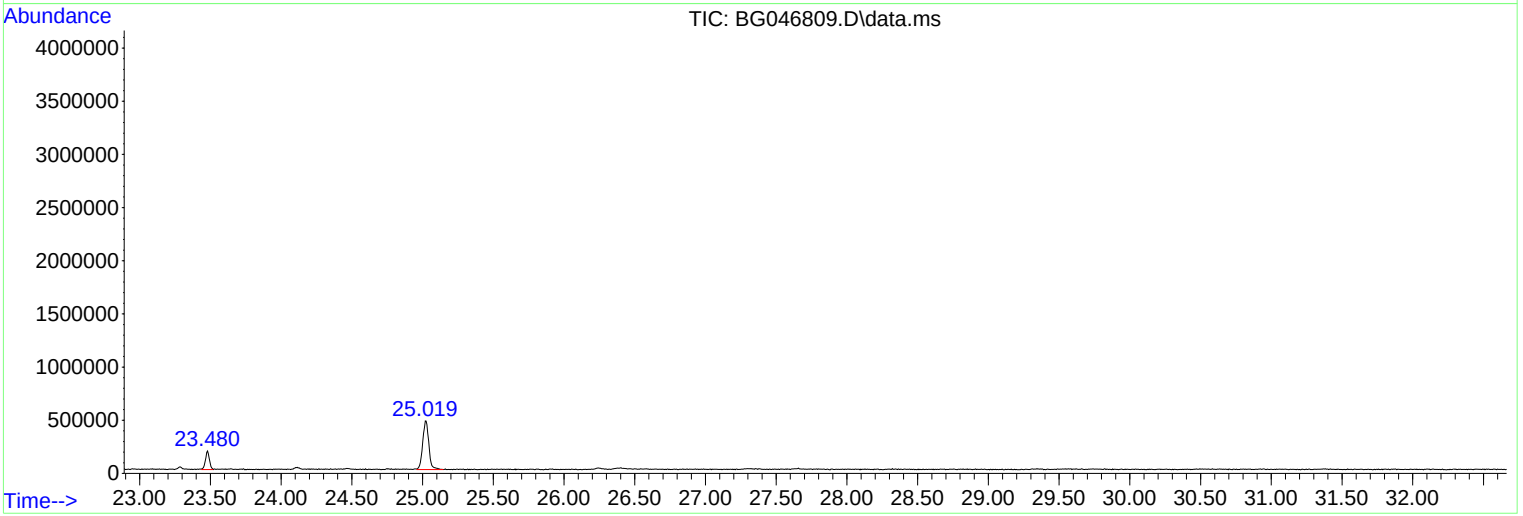
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.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\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

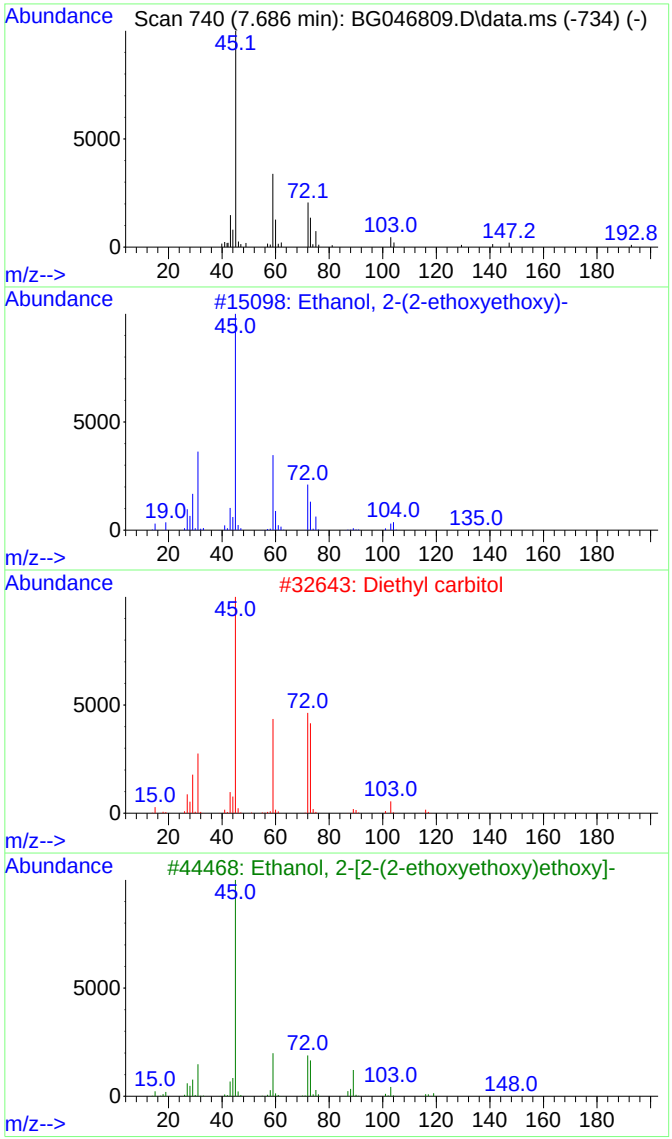
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

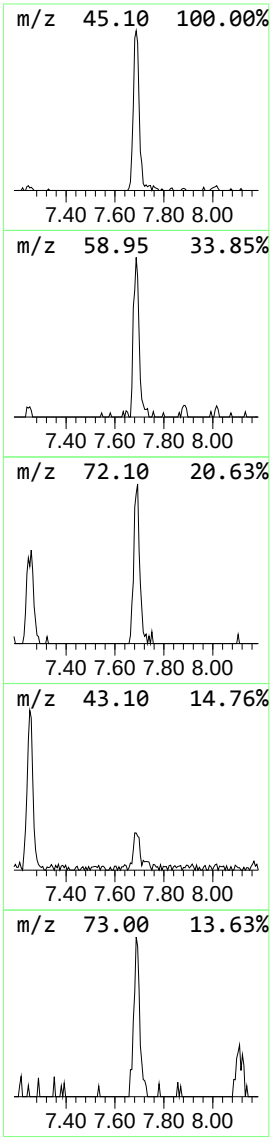
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	3.40 ng	68734	1,4-Dichlorobenzene-d4	8.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

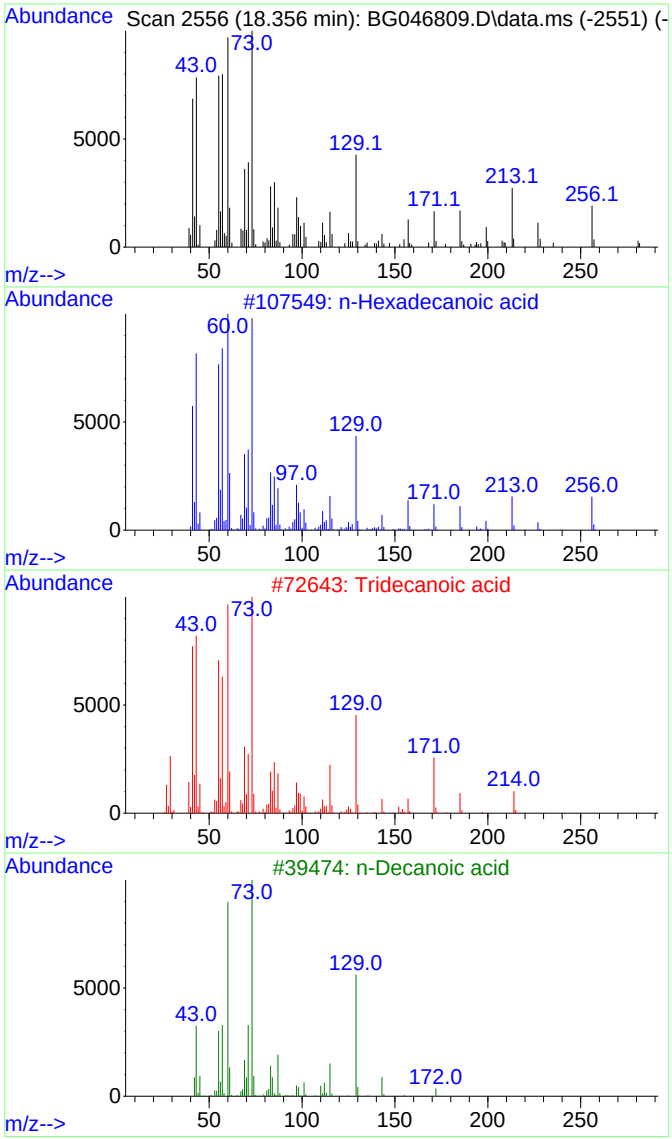
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

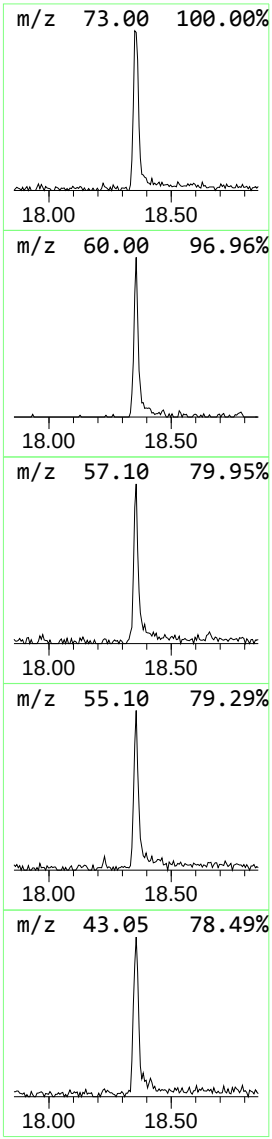
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.356	4.87 ng	241925	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

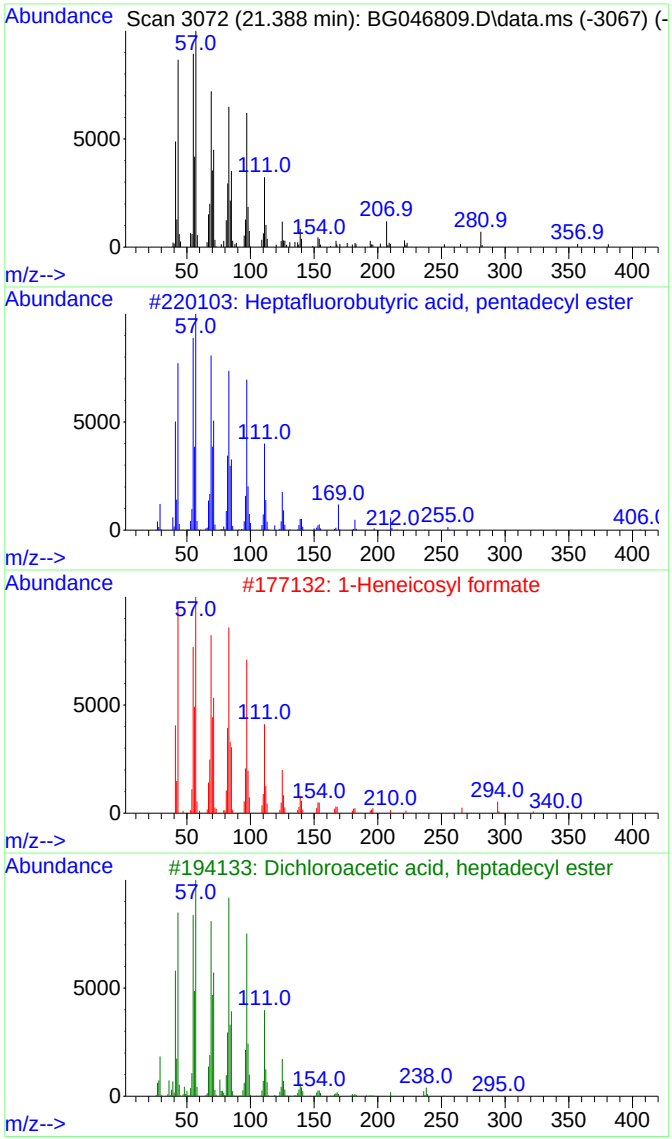
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

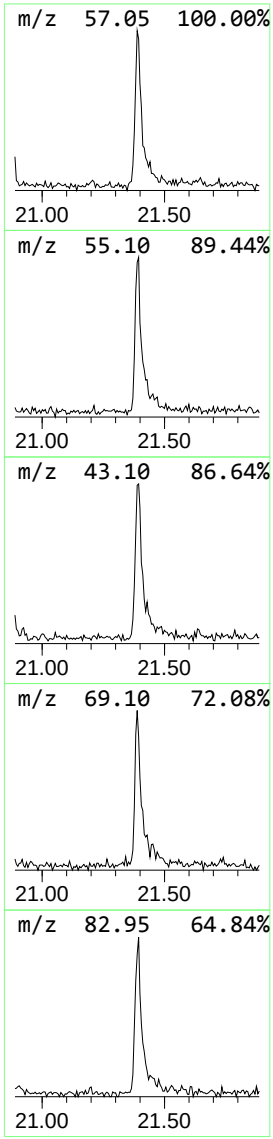
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.388	4.89 ng	323943	Chrysene-d12	21.752

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

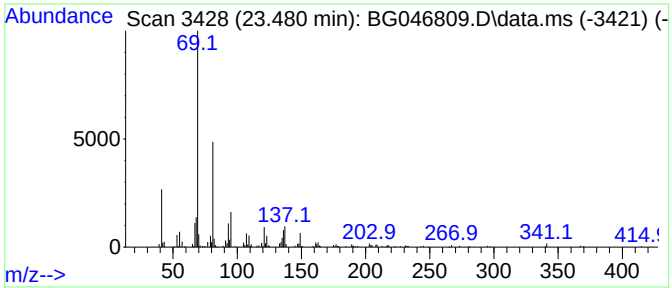
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

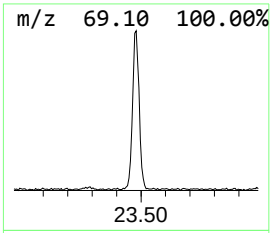
****

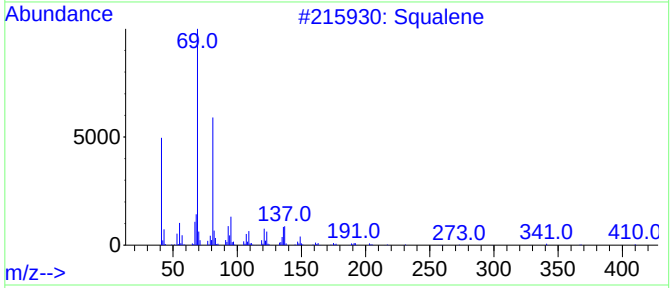
Peak Number 4 Squalene Concentration Rank 1

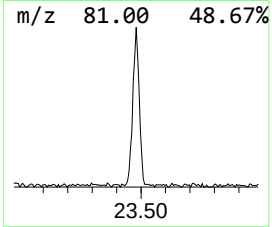
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.480	4.90 ng	337200	Perylene-d12	25.019

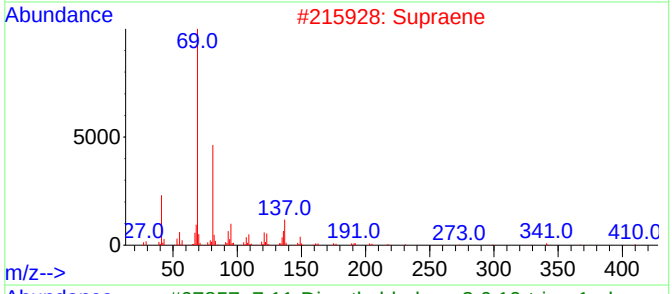
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	trans-Farnesol	222	C15H26O	000106-28-5	59
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50

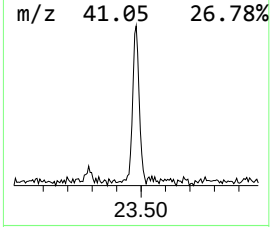


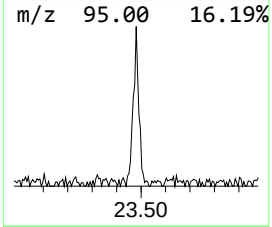


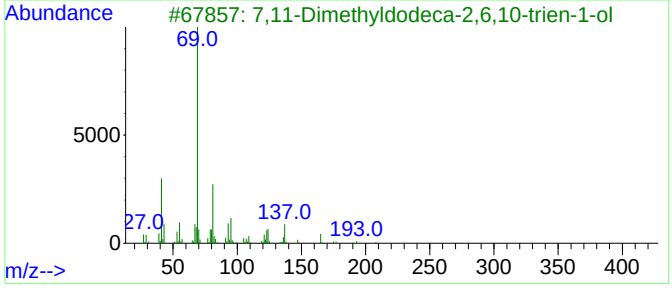


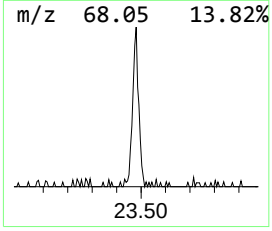












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046809.D
Acq On : 7 Oct 2020 19:45
Operator : CG/JU
Sample : L4242-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.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
Ethanol, 2-(2-e...	7.686	3.4	ng	68734	1	8.109	404528	20.0
n-Hexadecanoic ...	18.356	4.9	ng	241925	4	17.475	992867	20.0
Heptafluorobuty...	21.388	4.9	ng	323943	5	21.752	1324200	20.0
Squalene	23.480	4.9	ng	337200	6	25.019	1375900	20.0