LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

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-BG041520.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	3.156	7	11	21	rVB	40372	69180	1.74%	0.358%
2	5.558	413	420	436	rBV	573175	1069748	26.95%	5.529%
3	7.156	684	692	708	rBV	660139	1256090	31.65%	6.492%
4	7.990	827	834	843	rBV	188149	346808	8.74%	1.792%
5	8.313	880	889	900	rBV	573285	1072395	27.02%	5.542%
6	9.148	1022	1031	1043	rBV	428713	841352	21.20%	4.348%
7	10.798	1303	1312	1320	rBV	254750	490924	12.37%	2.537%
8	13.254	1722	1730	1743	rBV	1432659	2315257	58.33%	11.966%
9	14.082	1863	1871	1877	rBV	116124	180418	4.55%	0.932%
10	14.628	1952	1964	1976	rBV	481023	891933	22.47%	4.610%
11	16.120	2211	2218	2230	rBV	1344689	2112316	53.22%	10.917%
12	17.378	2425	2432	2444	rBV	682674	1083091	27.29%	5.598%
13	18.276	2579	2585	2594	rBV2	126829	185976	4.69%	0.961%
14	19.545	2796	2801	2806	rBV4	39266	56491	1.42%	0.292%
15	19.992	2871	2877	2893	rBV	2941036	3968938	100.00%	20.513%
16	21.114	3063	3068	3073	rBV	71605	107484	2.71%	0.556%
17	21.296	3094	3099	3110	rBV	264189	404694	10.20%	2.092%
18	21.642	3151	3158	3169	rBV2	646281	1118970	28.19%	5.783%
19	21.854	3190	3194	3200	rBV3	33135	48479	1.22%	0.251%
20	22.459	3292	3297	3306	rBV4	51488	118015	2.97%	0.610%
21	23.146	3408	3414	3419	rVB2	56665	100715	2.54%	0.521%
22	23.945	3543	3550	3556	rBV3	66747	145807	3.67%	0.754%
23	24.815	3688	3698	3706	rBV2	377999	1147830	28.92%	5.932%
24	26.001	3893	3900	3906	rVB5	43081	103197	2.60%	0.533%
25	26.107	3911	3918	3925	rBV9	36475	112492	2.83%	0.581%

Sum of corrected areas: 19348600

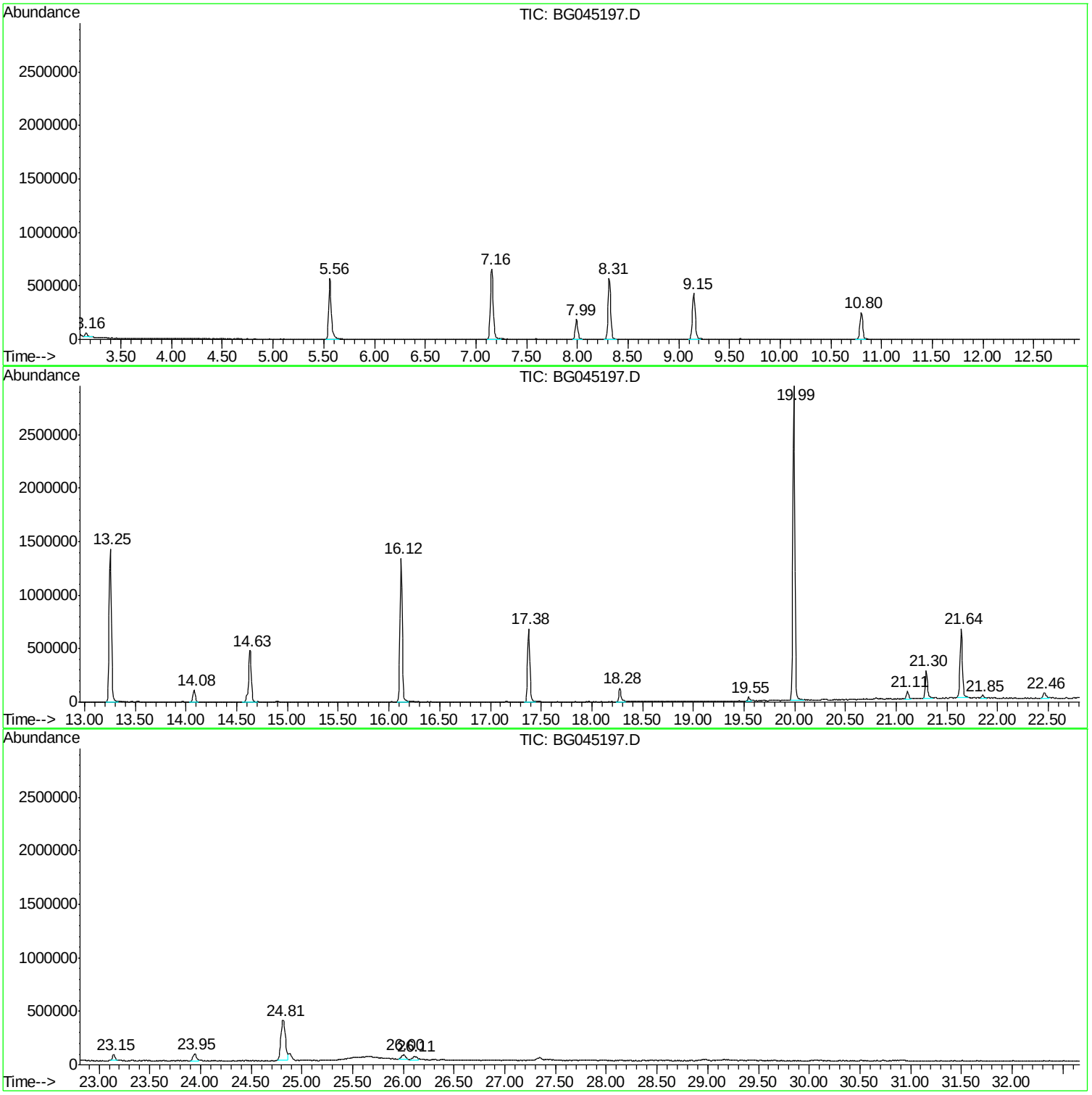
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

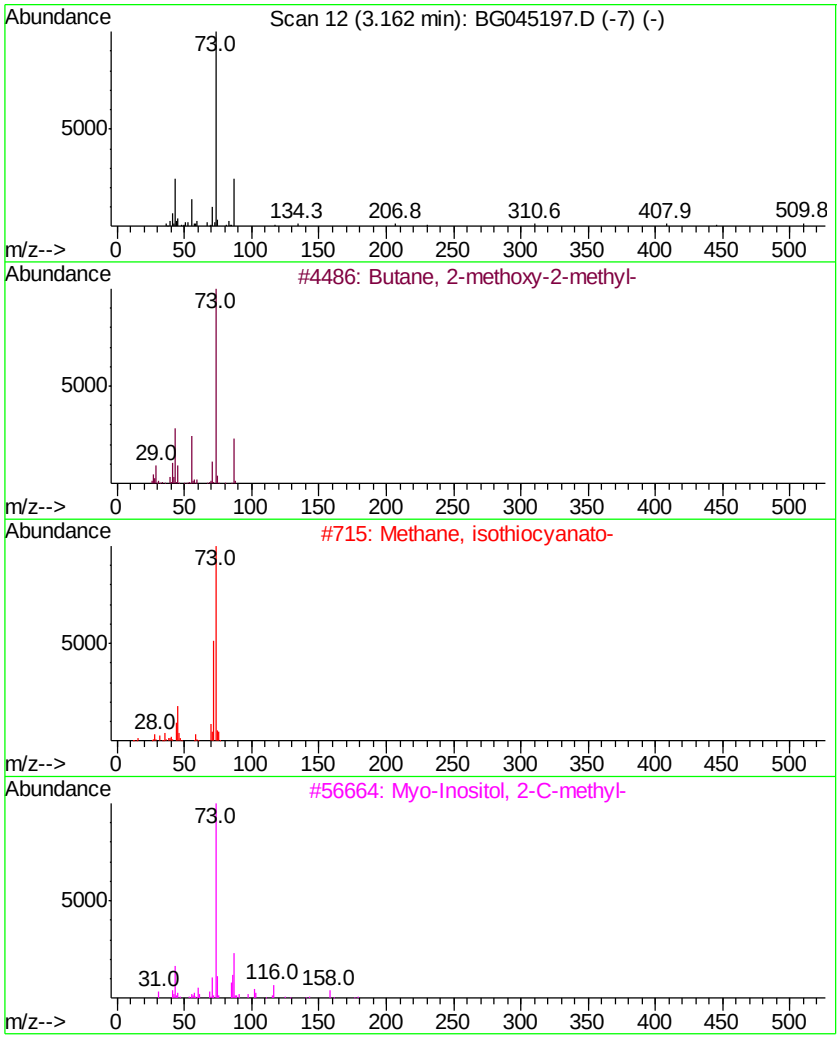
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

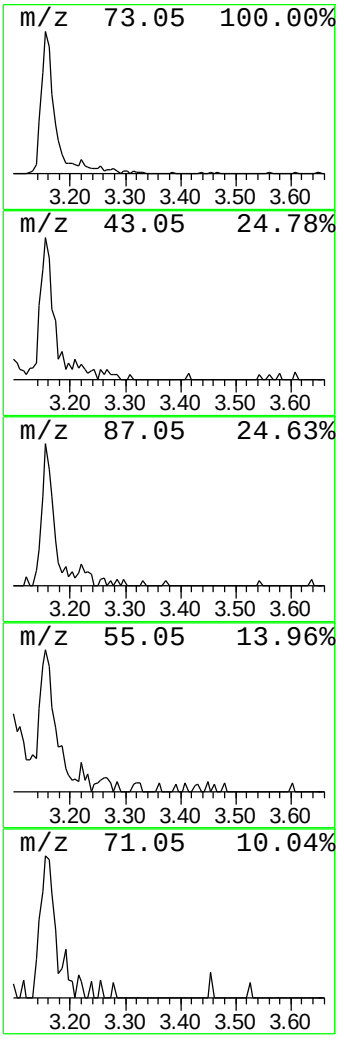
****

Peak Number 1 unknown3.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	3.99 ng	69180	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3	Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	9
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

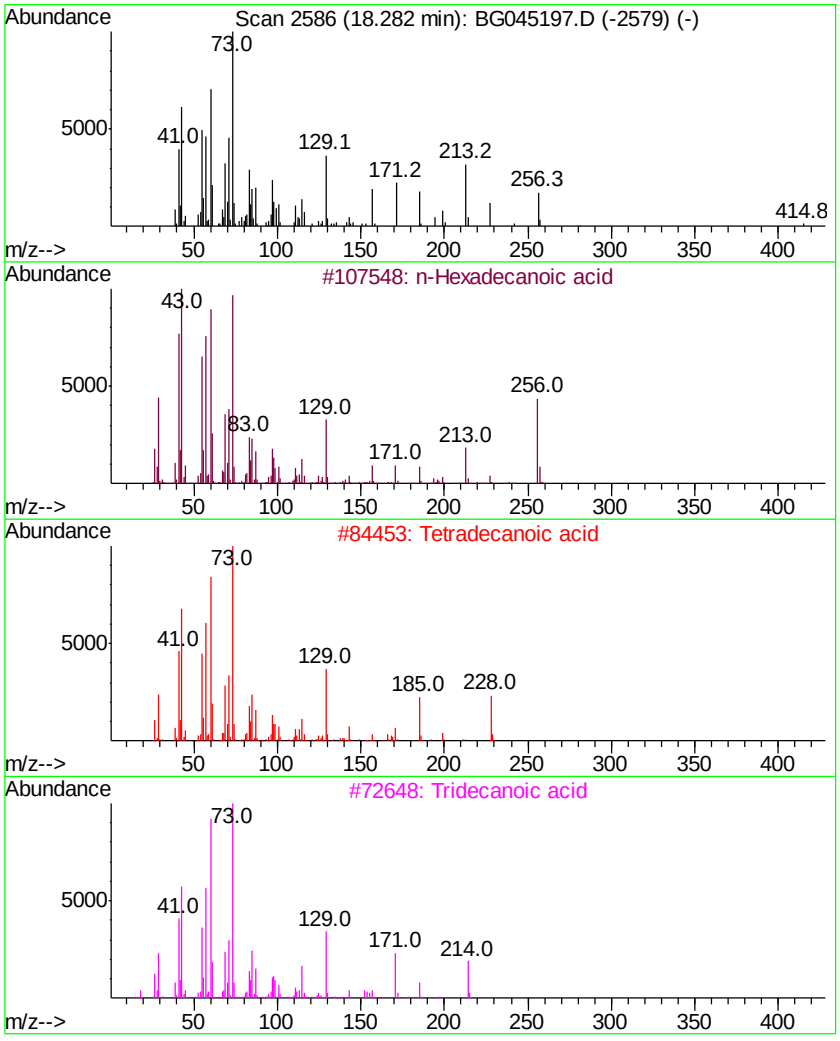
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

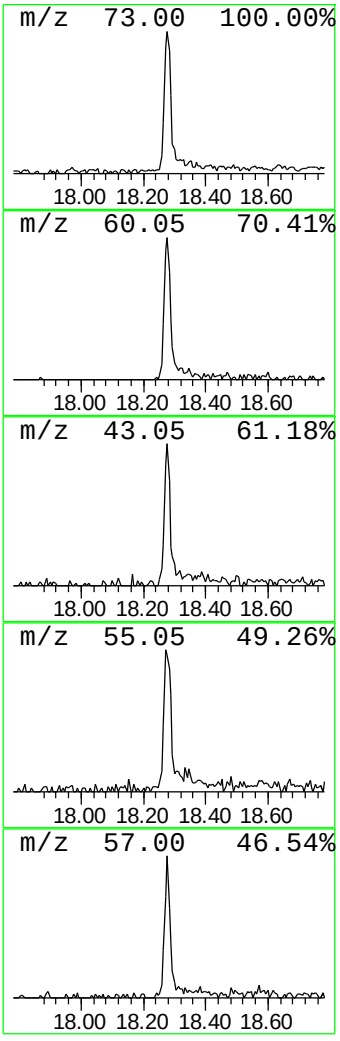
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.43 ng	185976	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

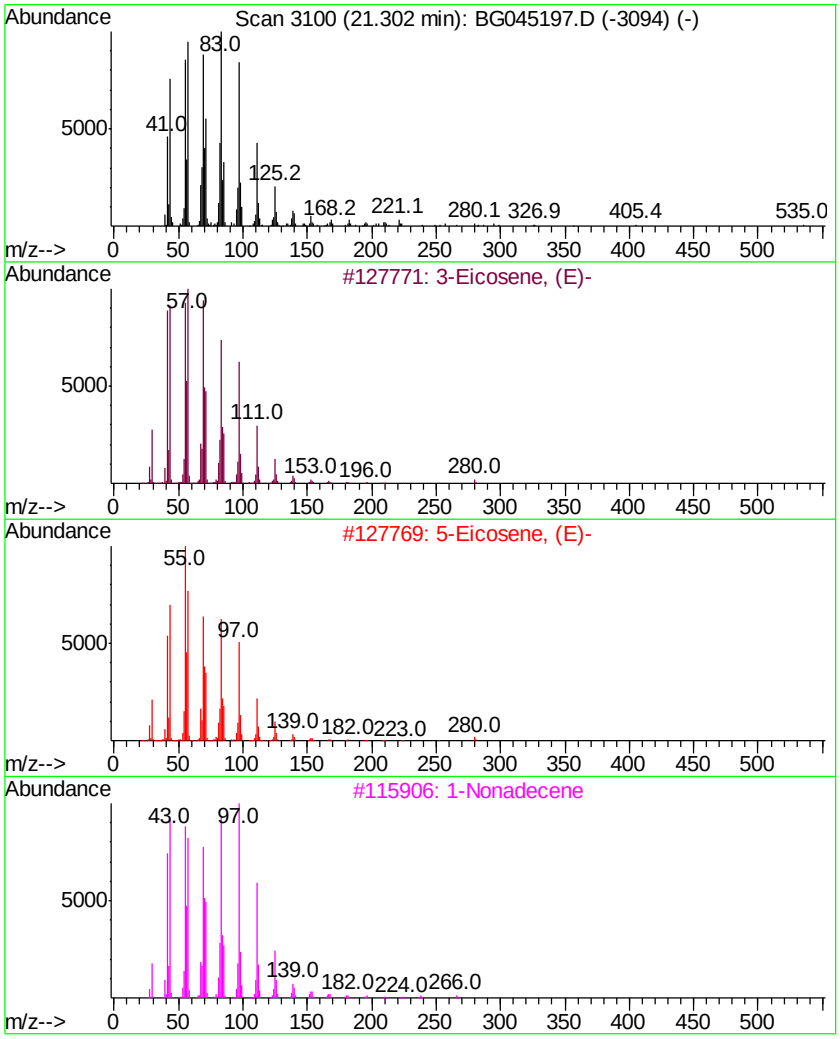
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

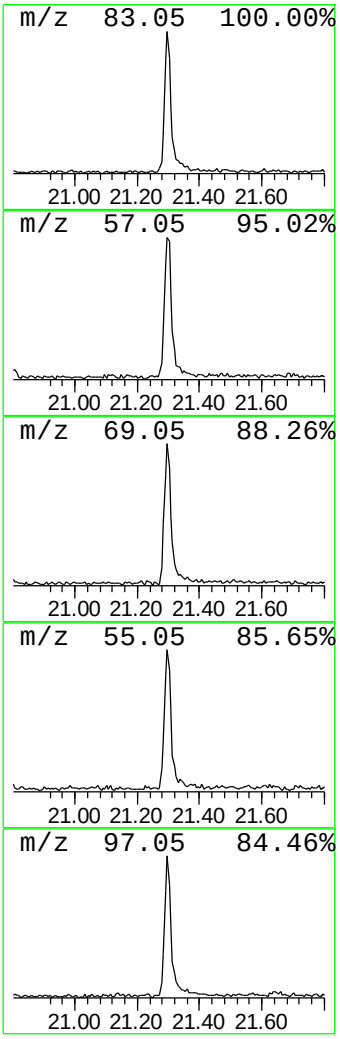
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	7.23 ng	404694	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

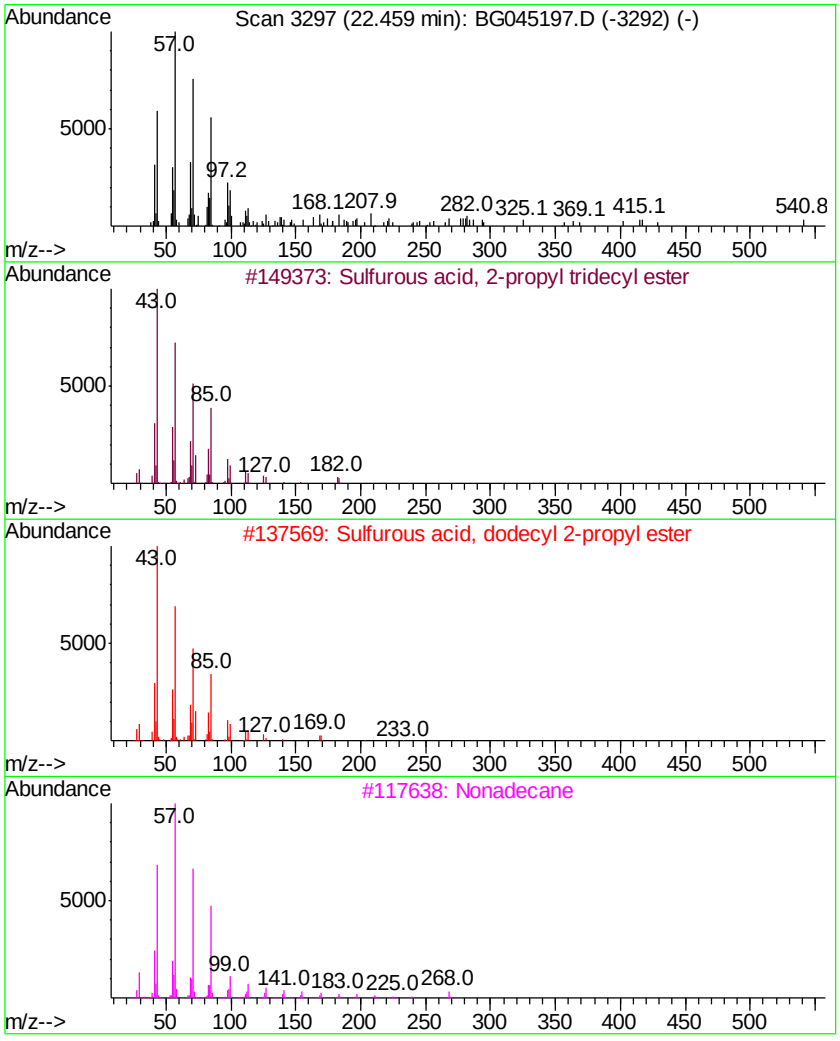
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

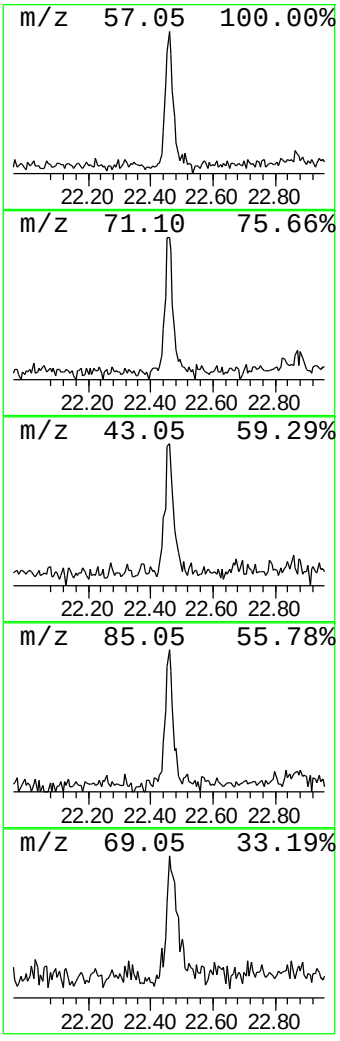
****

Peak Number 5 Sulfurous acid, 2-propyl tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.11 ng	118015	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	80
3	Nonadecane	268	C19H40	000629-92-5	76
4	Tritriacontane	465	C33H68	000630-05-7	72
5	Eicosane	282	C20H42	000112-95-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

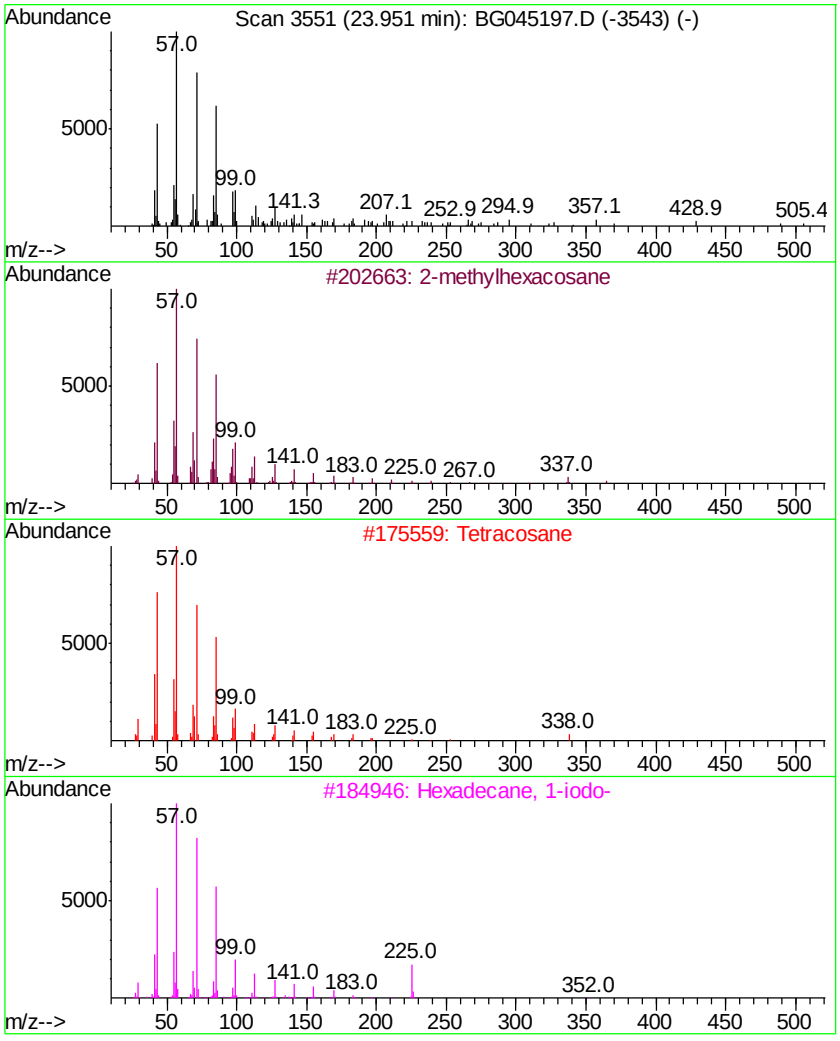
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

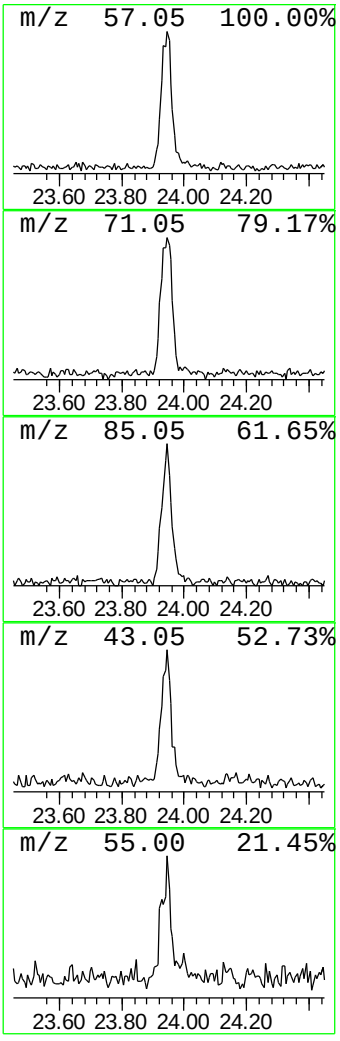
****

Peak Number 6 2-methylhexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.54 ng	145807	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Octadecane	254	C18H38	000593-45-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042820\
Data File : BG045197.D
Acq On : 28 Apr 2020 22:53
Operator : CG/JU
Sample : L2428-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
unknown3.16	3.16	4.0	ng	69180	1	7.99	346808	20.0
n-Hexadecanoic acid	18.28	3.4	ng	185976	4	17.38	1083090	20.0
3-Eicosene, (E)-	21.30	7.2	ng	404694	5	21.64	1118970	20.0
Sulfurous acid, 2...	22.46	2.1	ng	118015	5	21.64	1118970	20.0
2-methylhexacosane	23.95	2.5	ng	145807	6	24.81	1147830	20.0