LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

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-BG092519.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	3.132	3	7	15	rVB	139591	273619	7.55%	1.385%
2	3.208	15	20	36	rVB	752361	1199755	33.12%	6.073%
3	5.617	422	430	444	rBV	497424	894699	24.70%	4.529%
4	7.215	693	702	716	rBV	365160	745601	20.58%	3.774%
5	7.574	755	763	781	rBV	769297	1402447	38.72%	7.099%
6	8.038	835	842	850	rBV	157988	283796	7.83%	1.437%
7	8.361	889	897	907	rBV	546336	964970	26.64%	4.885%
8	9.195	1030	1039	1057	rBV	408411	861393	23.78%	4.361%
9	10.840	1311	1319	1329	rBV	187259	380819	10.51%	1.928%
10	13.285	1728	1735	1747	rBV	1232504	2070911	57.17%	10.483%
11	14.107	1870	1875	1881	rBV	130611	195052	5.38%	0.987%
12	14.659	1960	1969	1976	rBV	353704	613079	16.93%	3.104%
13	16.152	2216	2223	2238	rBV	1201640	2020277	55.77%	10.227%
14	17.409	2431	2437	2446	rBV2	412979	680206	18.78%	3.443%
15	18.302	2584	2589	2599	rBV	276493	445754	12.31%	2.256%
16	19.571	2801	2805	2811	rBV	125686	176904	4.88%	0.896%
17	20.018	2875	2881	2896	rBV	2599569	3622278	100.00%	18.337%
18	21.322	3099	3103	3110	rVB3	87807	141239	3.90%	0.715%
19	21.675	3158	3163	3175	rVB	457951	838182	23.14%	4.243%
20	21.863	3192	3195	3201	rVB2	52648	76751	2.12%	0.389%
21	22.468	3294	3298	3304	rBV3	80254	125273	3.46%	0.634%
22	23.161	3411	3416	3425	rVB2	105704	202593	5.59%	1.026%
23	23.966	3546	3553	3559	rVB3	100143	214317	5.92%	1.085%
24	24.889	3701	3710	3726	rVB3	377276	1148037	31.69%	5.812%
25	26.023	3898	3903	3914	rVB3	65280	176381	4.87%	0.893%

Sum of corrected areas: 19754333

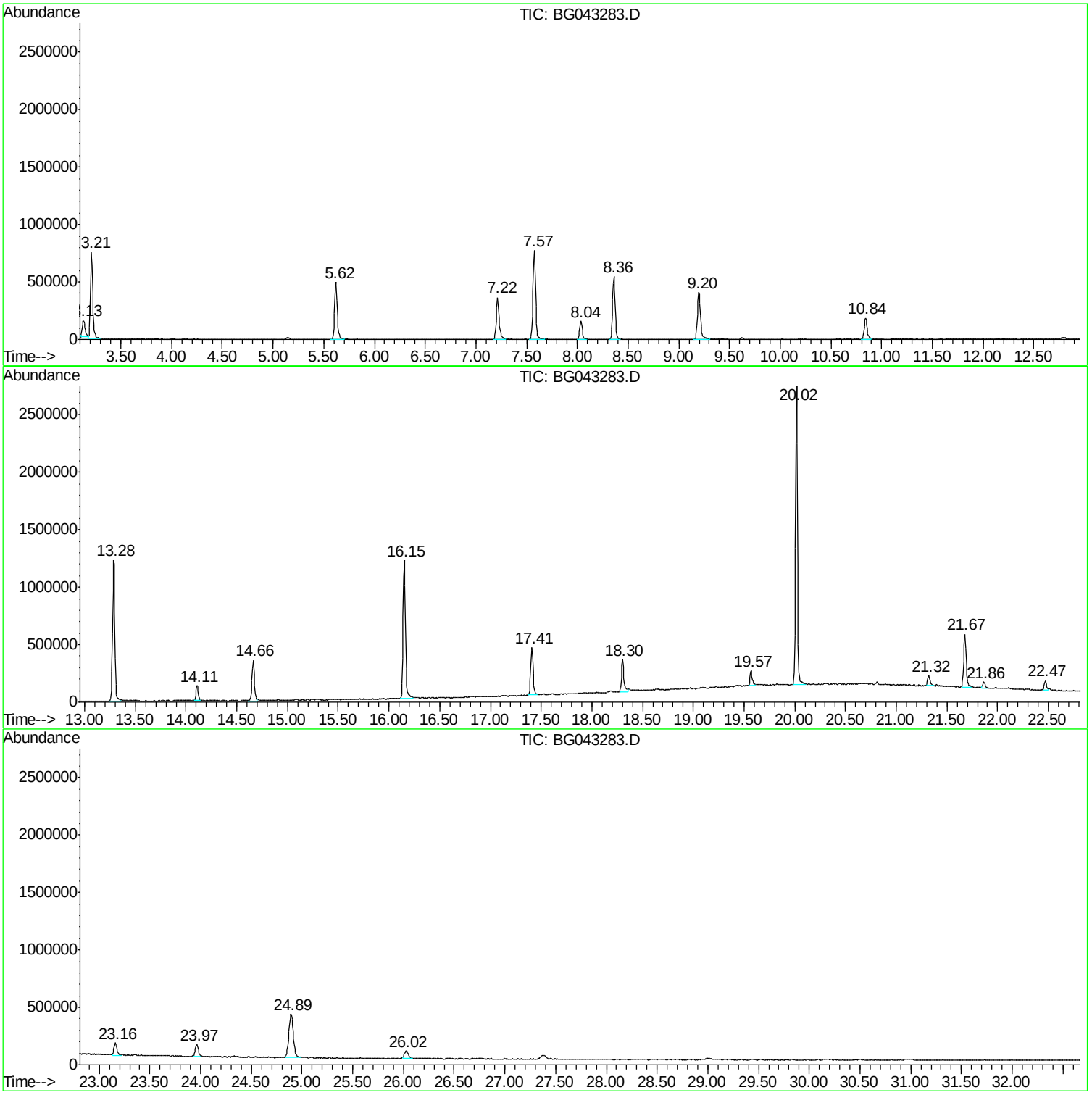
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

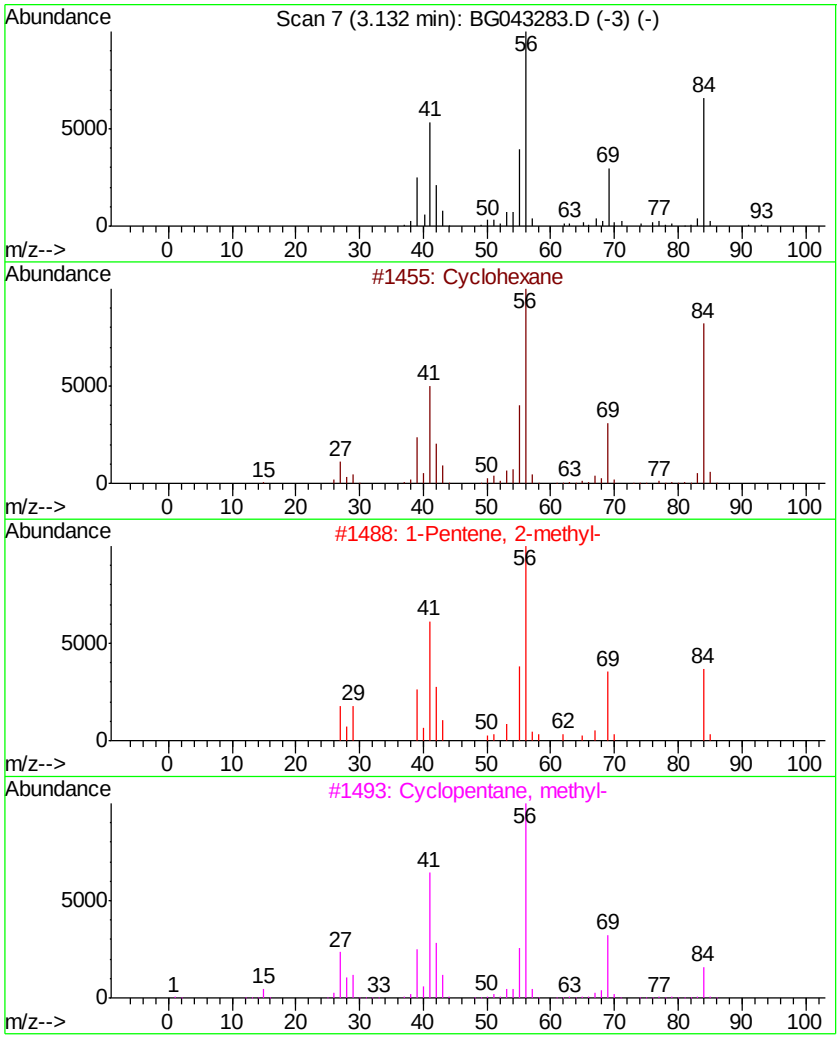
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

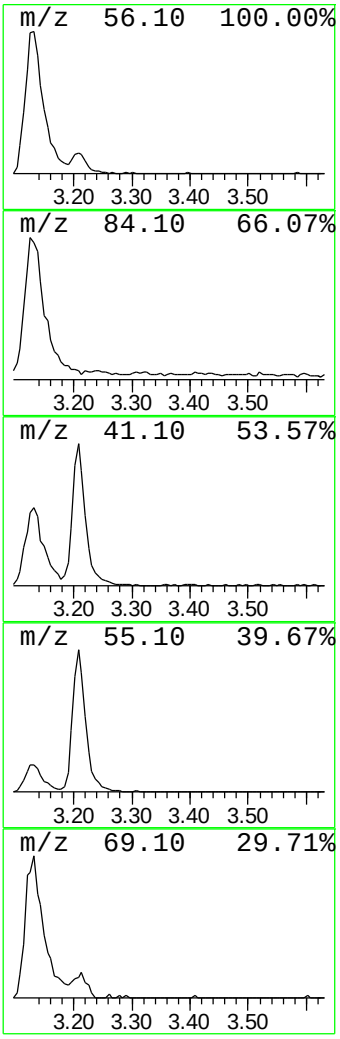
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	19.28 ng	273619	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Pyridine-D5-	84	C5D5N	007291-22-7	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

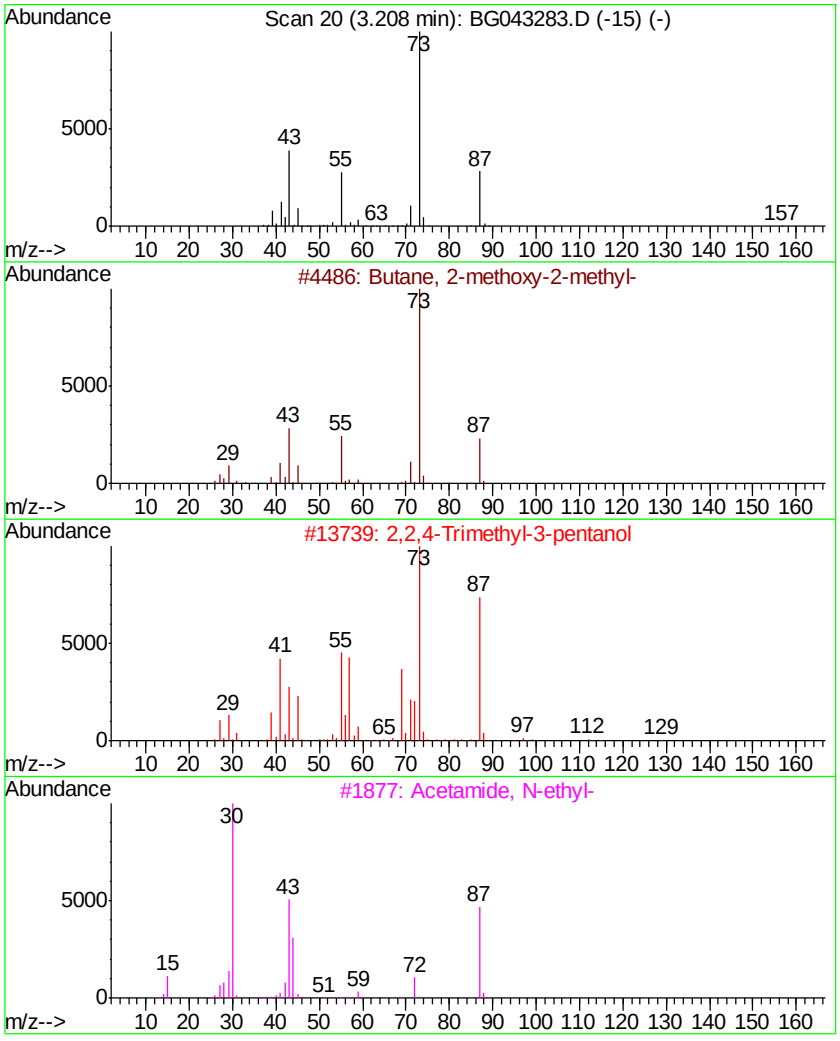
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

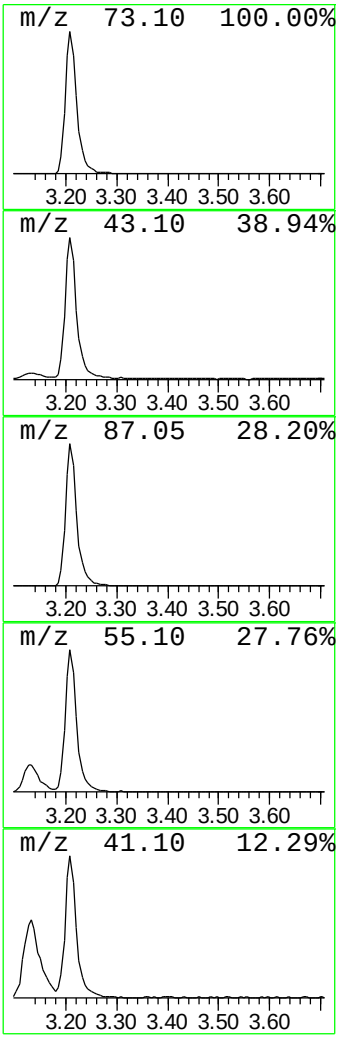
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	84.55 ng	1199760	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

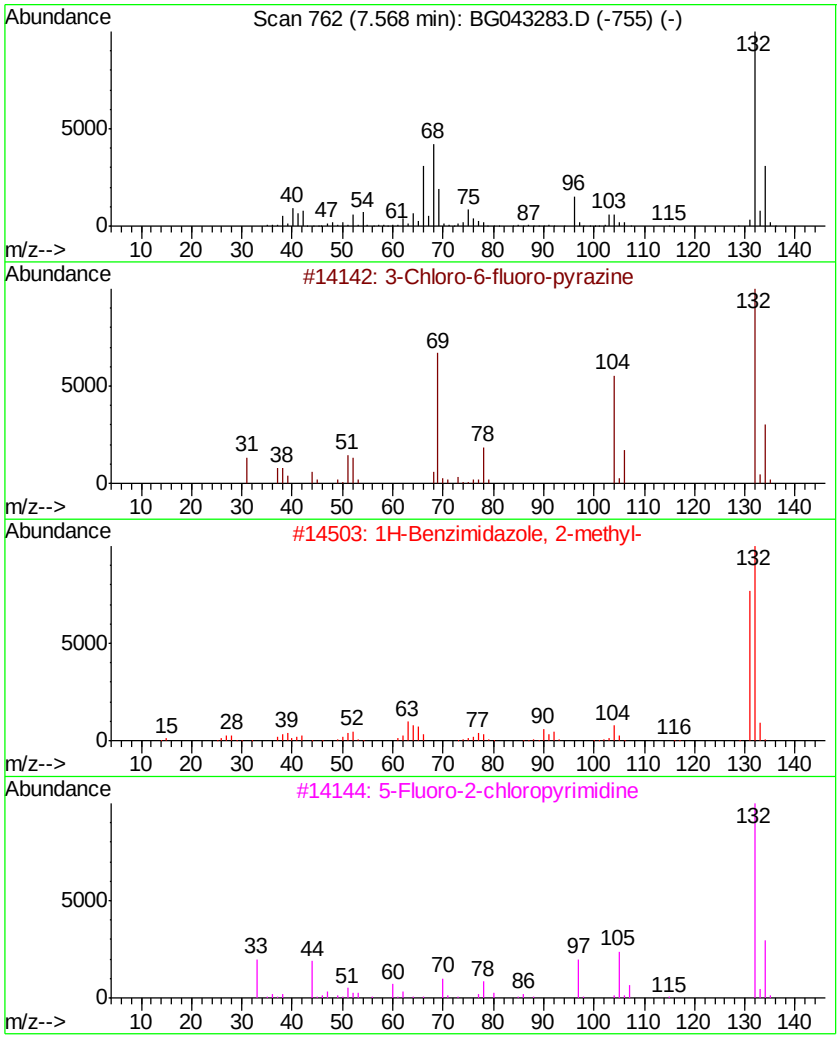
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

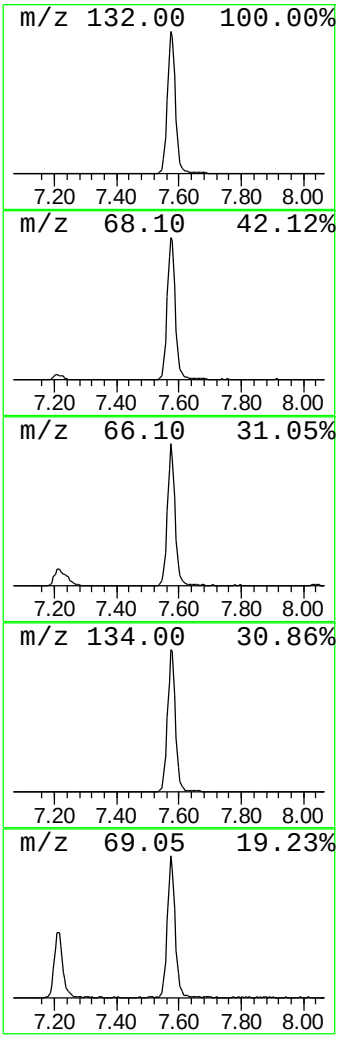
****

Peak Number 3 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	98.83 ng	1402450	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

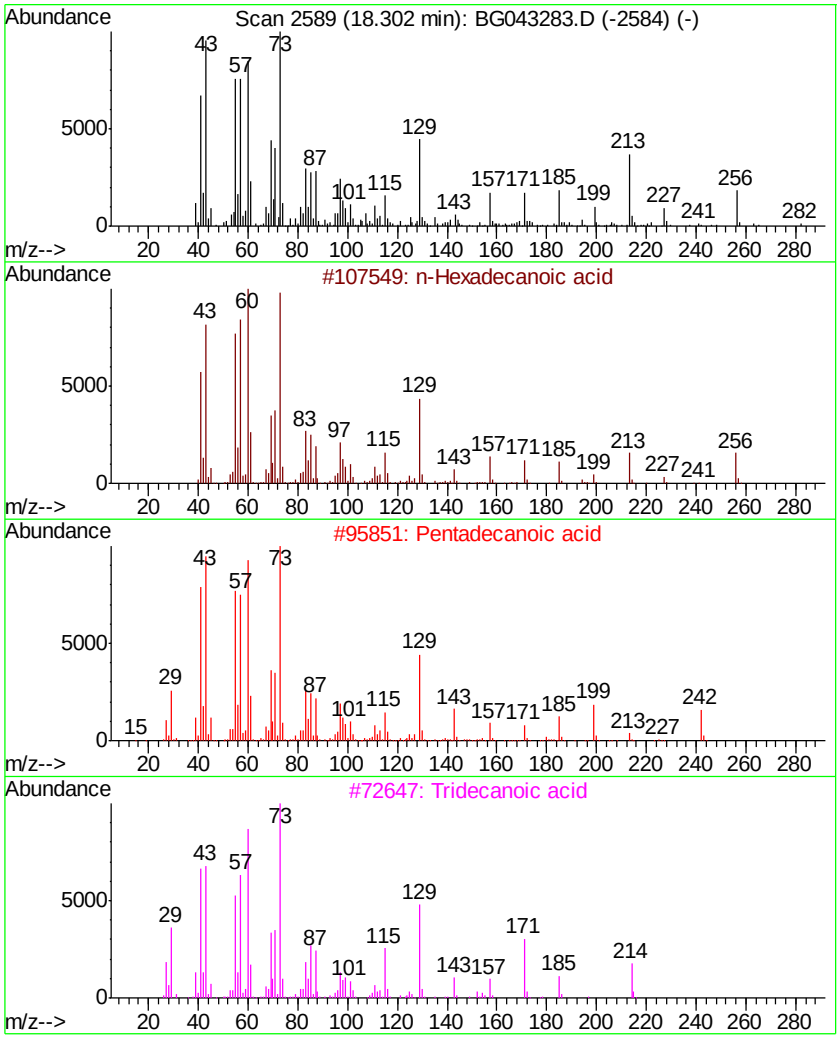
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

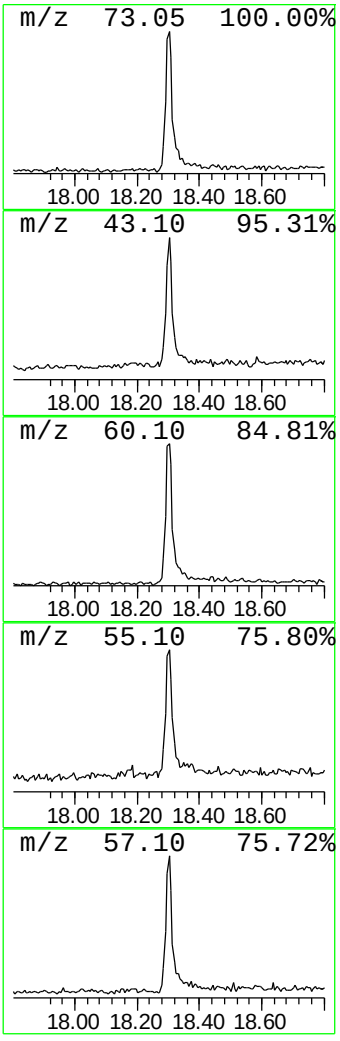
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	13.11 ng	445754	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

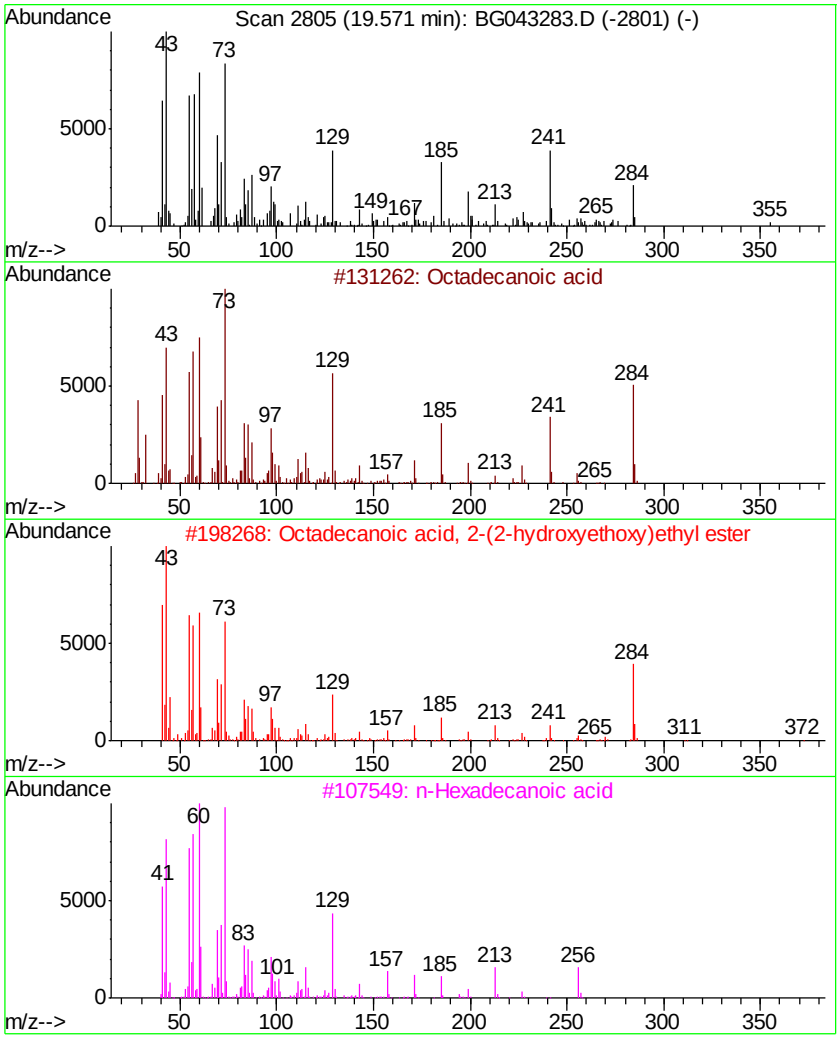
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

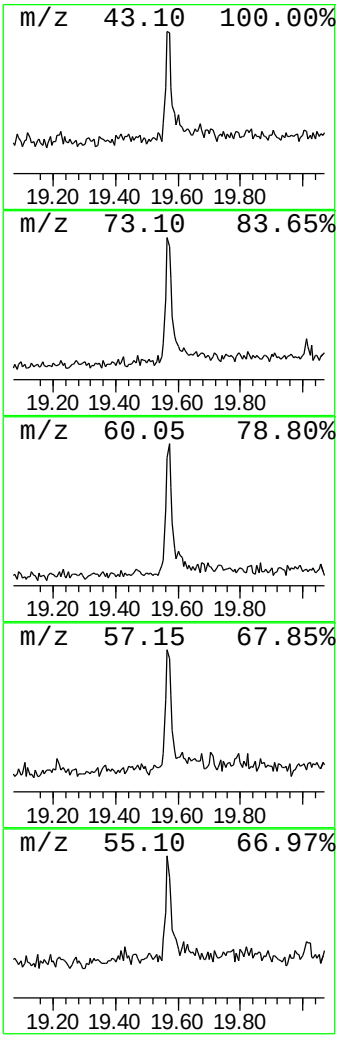
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	4.22 ng	176904	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

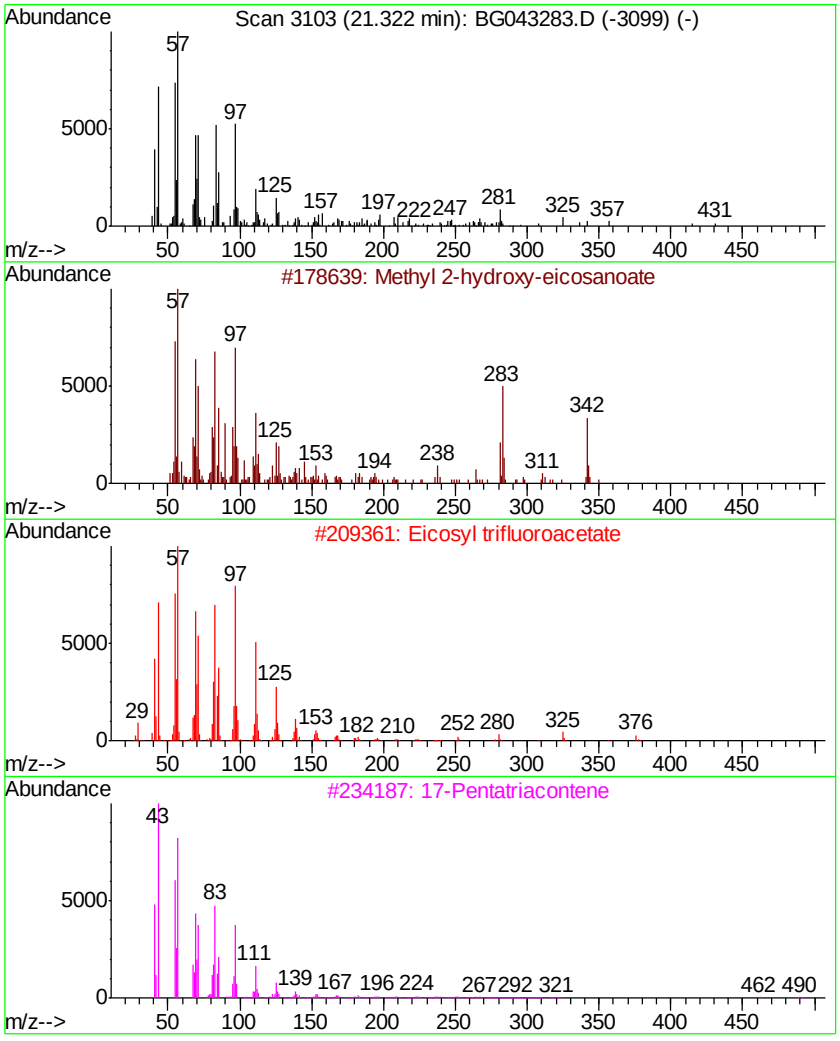
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

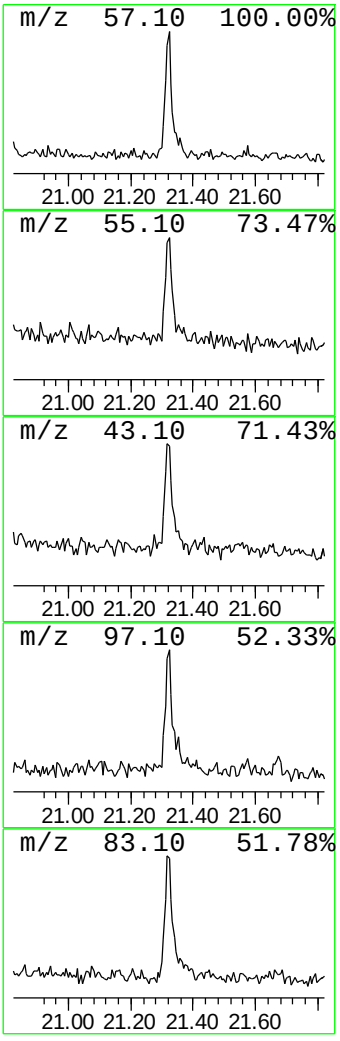
****

Peak Number 7 Methyl 2-hydroxy-eicosanoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.37 ng	141239	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-hydroxy-eicosanoate	342	C21H42O3	1000336-20-4	90
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	83
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	80





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Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

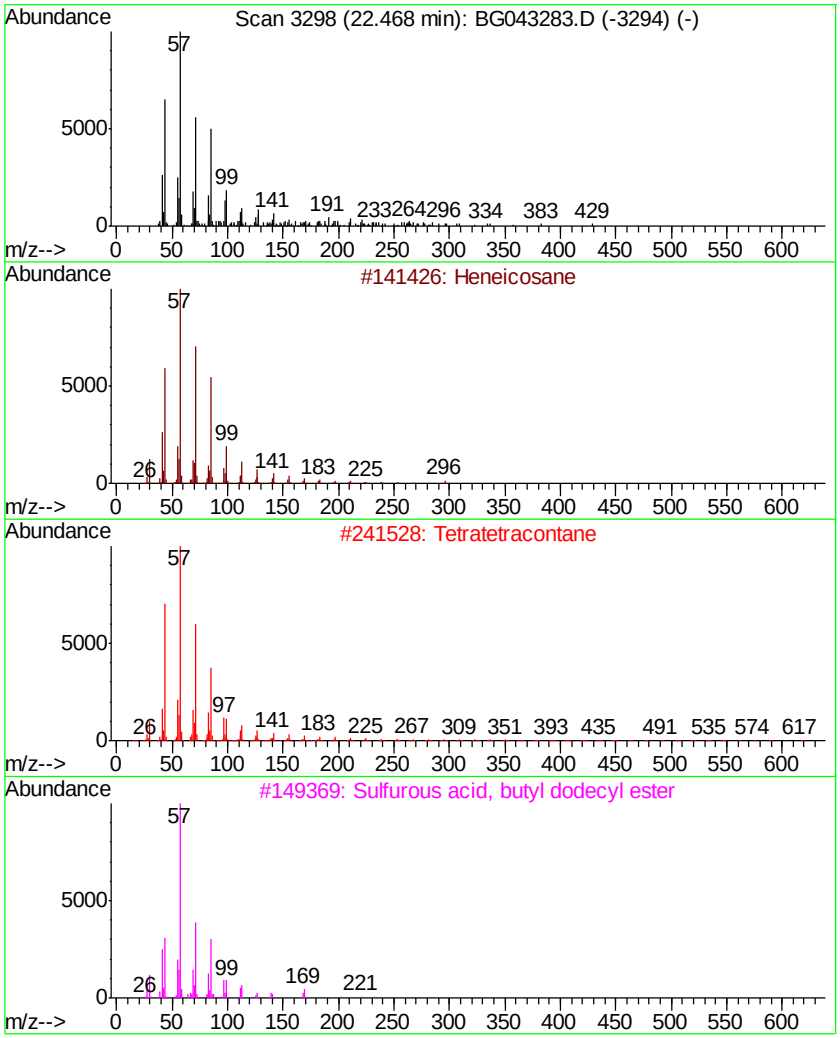
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

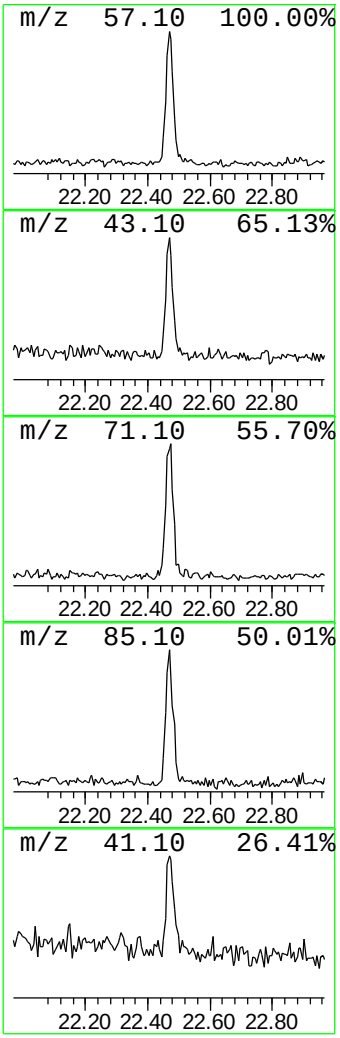
****

Peak Number 8 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.99 ng	125273	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
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TIC Library : C:\Database\NIST11.L
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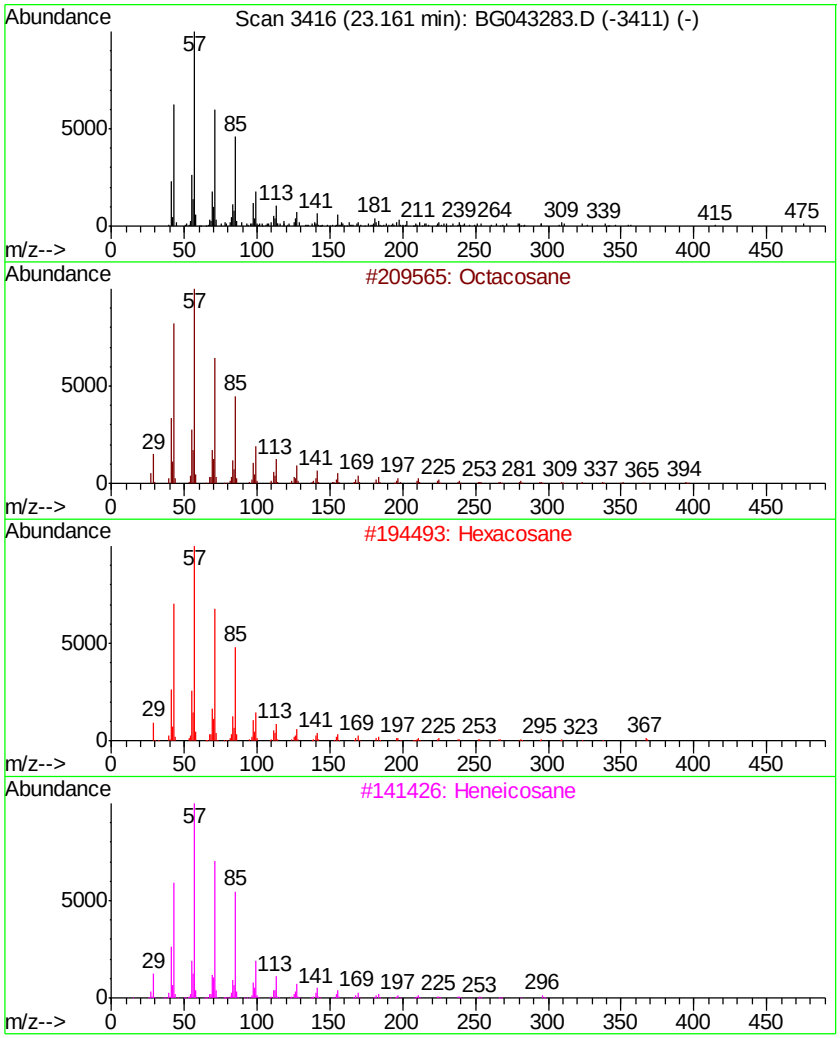
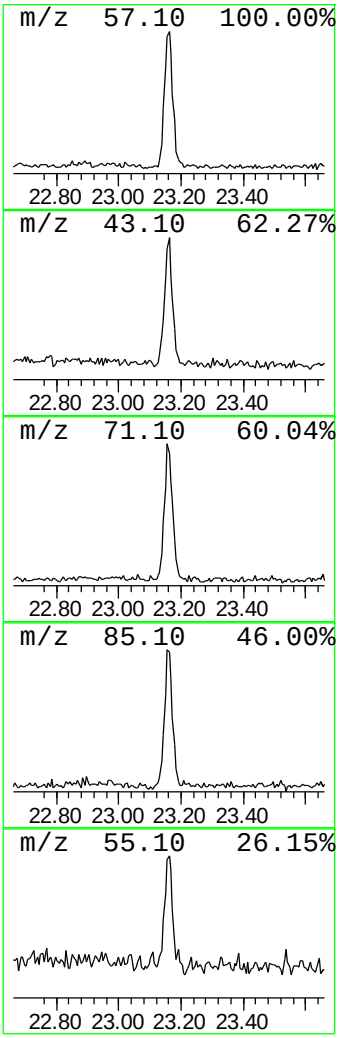
****

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.83 ng	202593	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
5	Hentriacontane	437	C31H64	000630-04-6	90





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Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

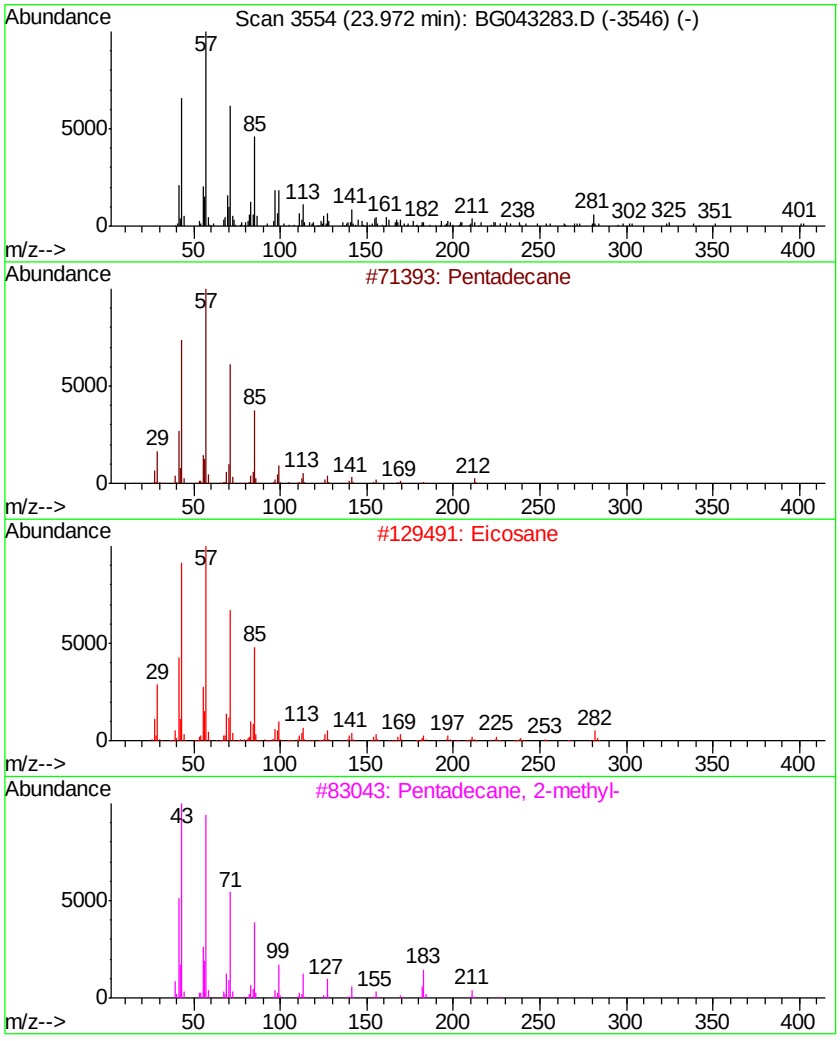
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

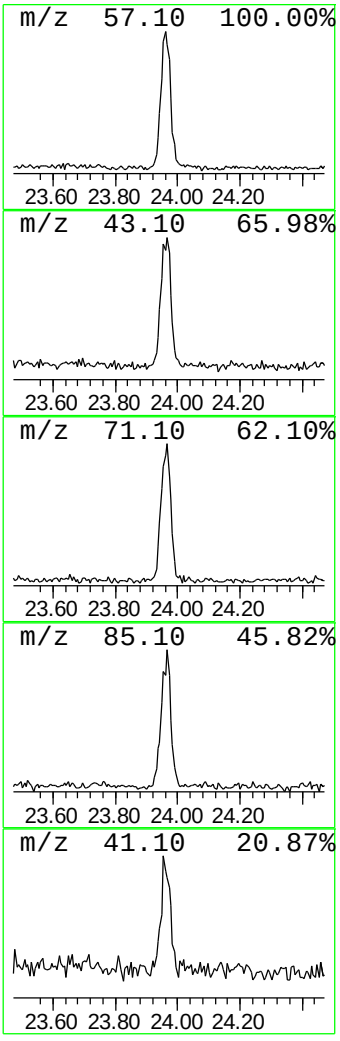
****

Peak Number 10 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.73 ng	214317	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	93
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

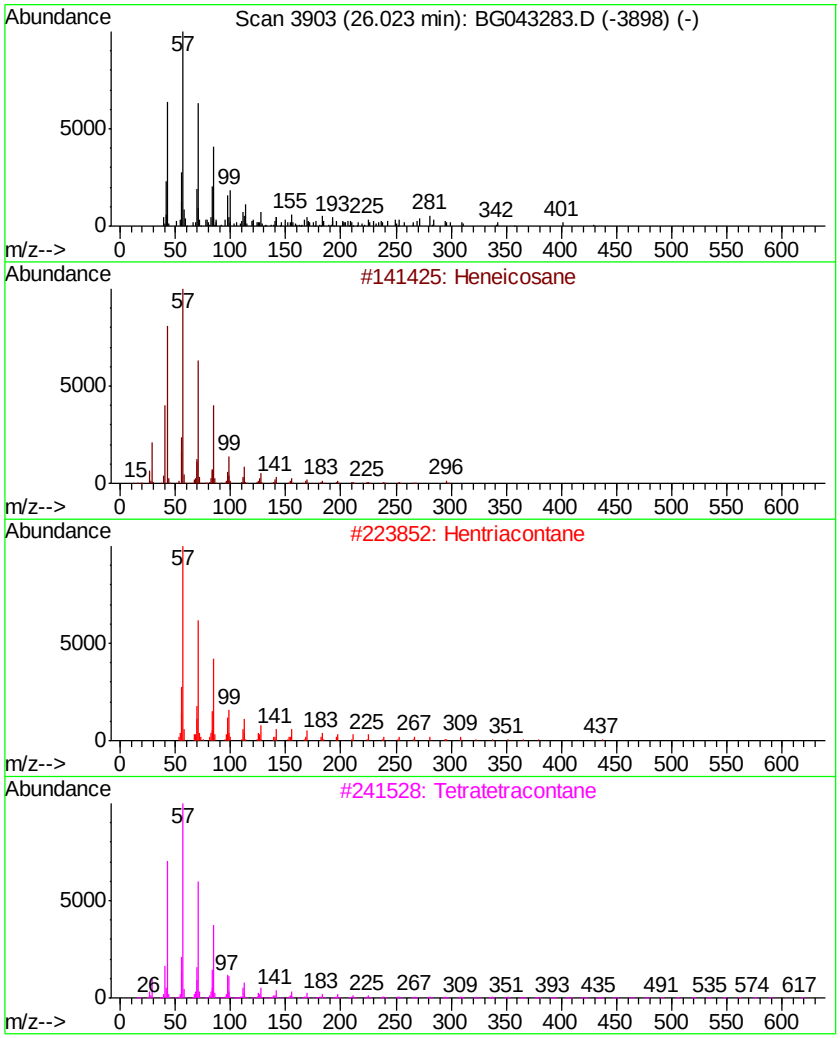
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

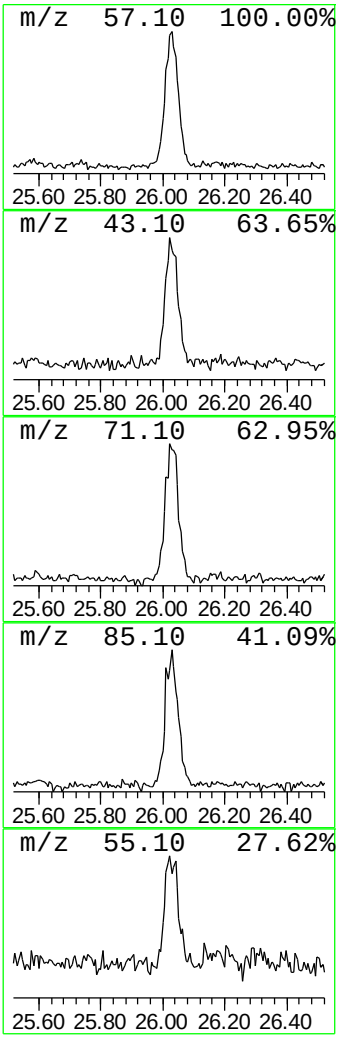
****

Peak Number 11 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.02	3.07 ng	176381	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	89
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	86
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101819\
Data File : BG043283.D
Acq On : 18 Oct 2019 20:01
Operator : JU
Sample : K5406-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.13	19.3	ng	273619	1	8.04	283796	20.0
Butane, 2-methoxy...	3.21	84.5	ng	1199760	1	8.04	283796	20.0
unknown7.57	7.57	98.8	ng	1402450	1	8.04	283796	20.0
n-Hexadecanoic acid	18.30	13.1	ng	445754	4	17.41	680206	20.0
Octadecanoic acid	19.57	4.2	ng	176904	5	21.67	838182	20.0
Methyl 2-hydroxy-...	21.32	3.4	ng	141239	5	21.67	838182	20.0
Heneicosane	22.47	3.0	ng	125273	5	21.67	838182	20.0
Octacosane	23.16	4.8	ng	202593	5	21.67	838182	20.0
Pentadecane	23.97	3.7	ng	214317	6	24.89	1148040	20.0
Hentriacontane	26.02	3.1	ng	176381	6	24.89	1148040	20.0