LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

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-BG123019.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	5.039	326	332	343	rBV	80754	136038	2.53%	0.483%
2	5.509	405	412	425	rBV	473340	798043	14.83%	2.833%
3	7.101	676	683	696	rBV	305654	596840	11.09%	2.119%
4	7.465	736	745	755	rBV	1042911	1876908	34.89%	6.663%
5	7.930	818	824	833	rBV	277478	480173	8.93%	1.705%
6	8.253	870	879	890	rBV	1031017	1849918	34.39%	6.568%
7	9.087	1011	1021	1032	rBV	823430	1519728	28.25%	5.395%
8	10.732	1293	1301	1314	rBV	392005	712927	13.25%	2.531%
9	13.188	1712	1719	1735	rBV	2277893	3760788	69.91%	13.352%
10	14.022	1854	1861	1875	rBV	59200	107954	2.01%	0.383%
11	14.569	1944	1954	1967	rBV	667115	1103598	20.51%	3.918%
12	16.055	2200	2207	2224	rBV	2014753	3098142	57.59%	10.999%
13	17.313	2414	2421	2432	rBV	806263	1276942	23.74%	4.533%
14	19.716	2821	2830	2833	rBV2	46782	64263	1.19%	0.228%
15	19.927	2860	2866	2875	rBV	3971712	5379643	100.00%	19.099%
16	20.245	2916	2920	2926	rVB	48117	54505	1.01%	0.194%
17	20.738	3000	3004	3008	rBV	68142	76670	1.43%	0.272%
18	21.232	3083	3088	3101	rBV	170752	318359	5.92%	1.130%
19	21.561	3137	3144	3153	rBV	762267	1304354	24.25%	4.631%
20	21.772	3175	3180	3186	rVB	149038	210934	3.92%	0.749%
21	22.366	3275	3281	3287	rBV	199180	327038	6.08%	1.161%
22	23.035	3388	3395	3407	rVB	221137	423348	7.87%	1.503%
23	23.817	3521	3528	3535	rBV	199814	409147	7.61%	1.453%
24	24.669	3662	3673	3680	rBV2	471326	1374931	25.56%	4.881%
25	24.733	3680	3684	3694	rVB	168715	377875	7.02%	1.342%
26	25.820	3860	3869	3879	rBV3	114960	340153	6.32%	1.208%
27	27.131	4084	4092	4104	rVB3	57449	188249	3.50%	0.668%

Sum of corrected areas: 28167468

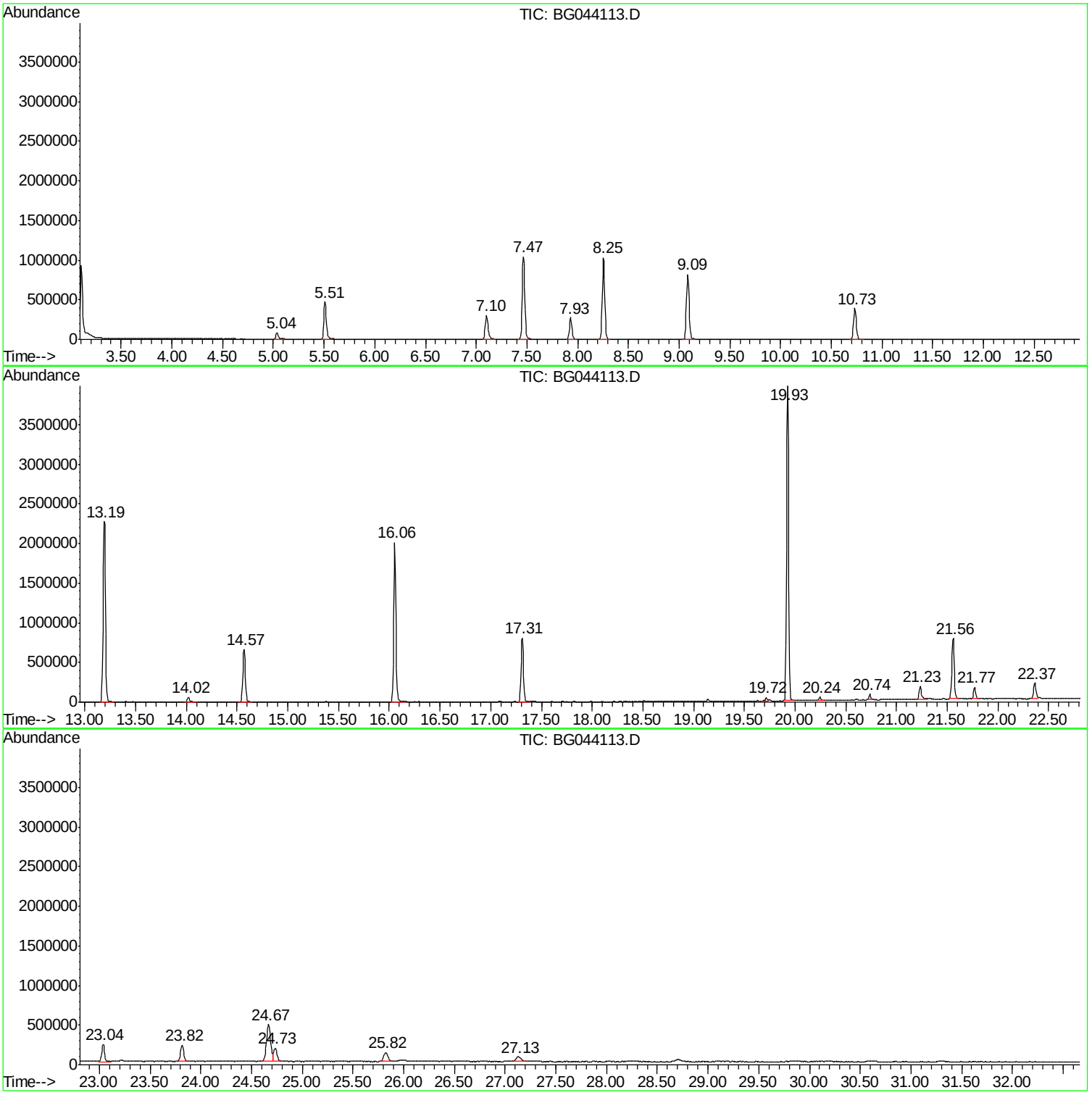
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

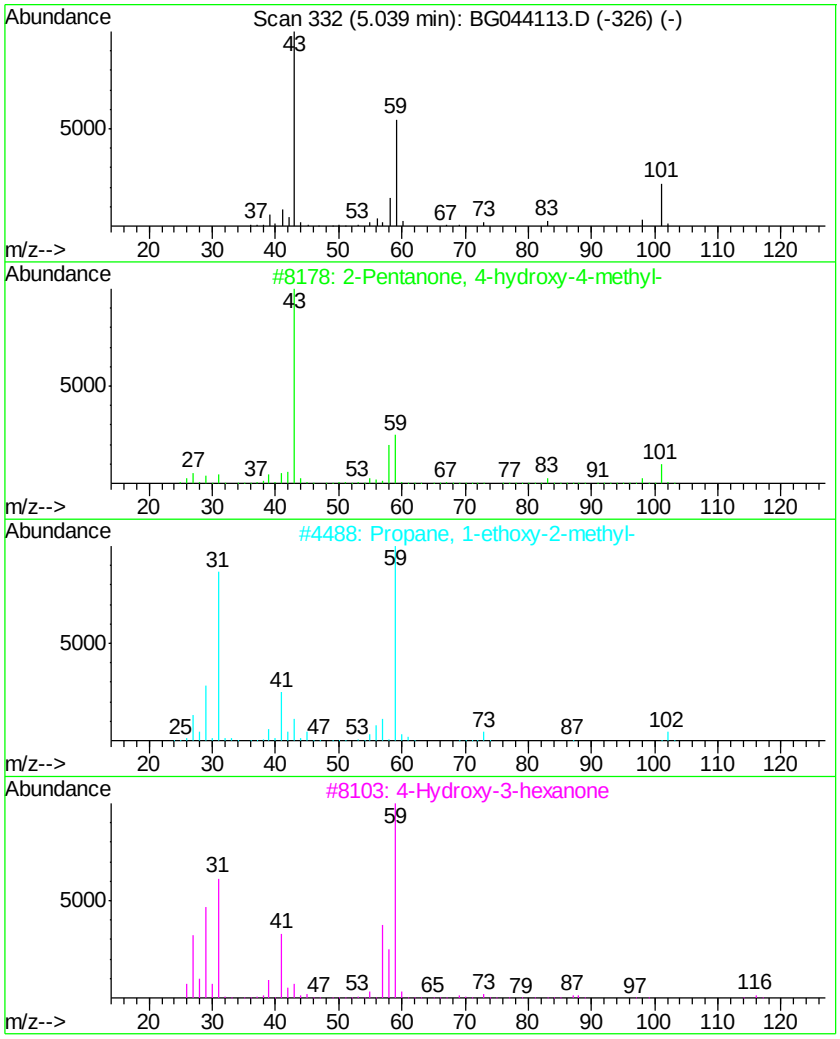
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

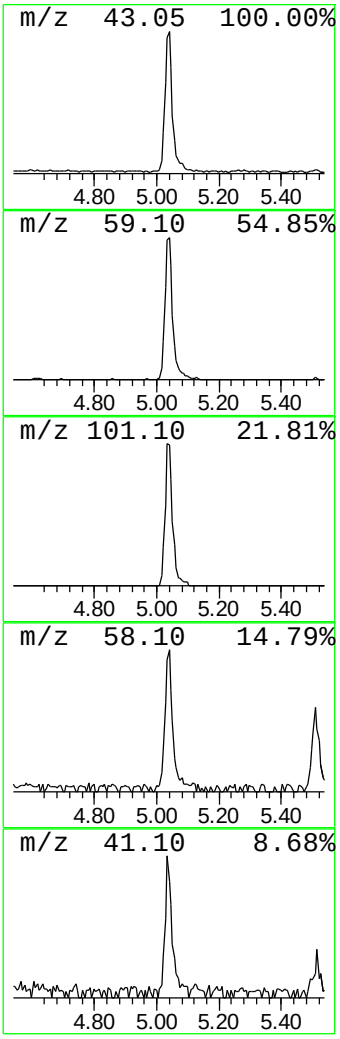
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	5.67 ng	136038	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

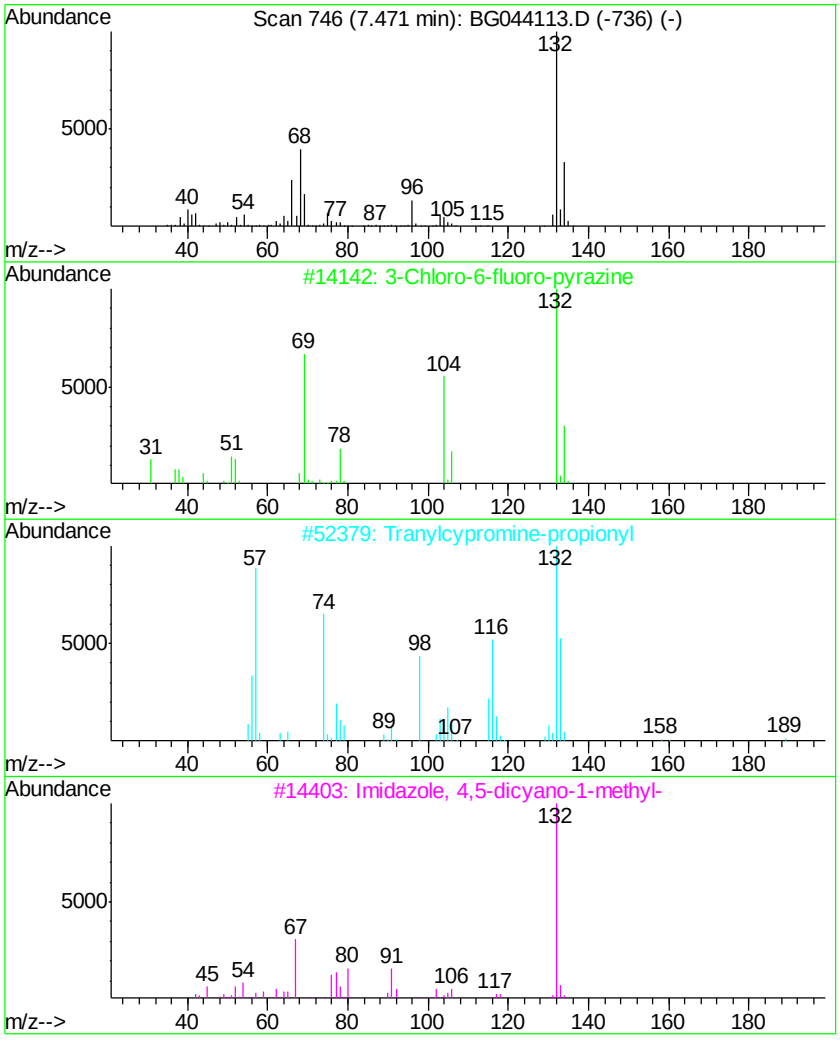
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

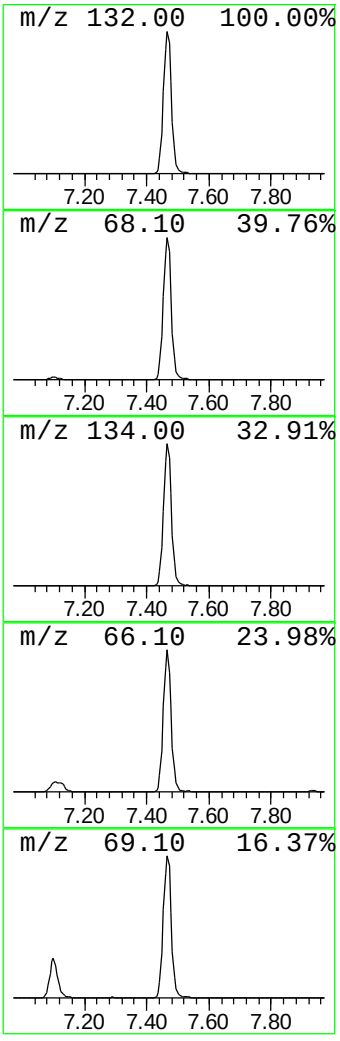
****

Peak Number 2 unknown7.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	78.18 ng	1876910	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

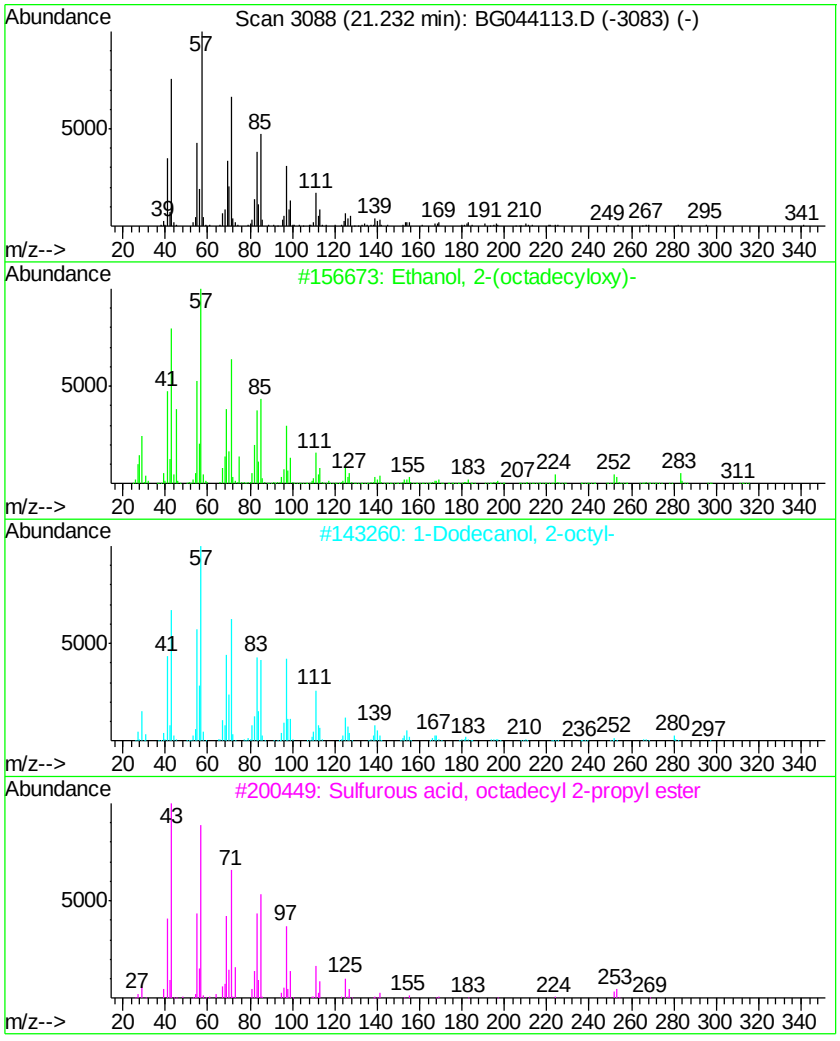
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

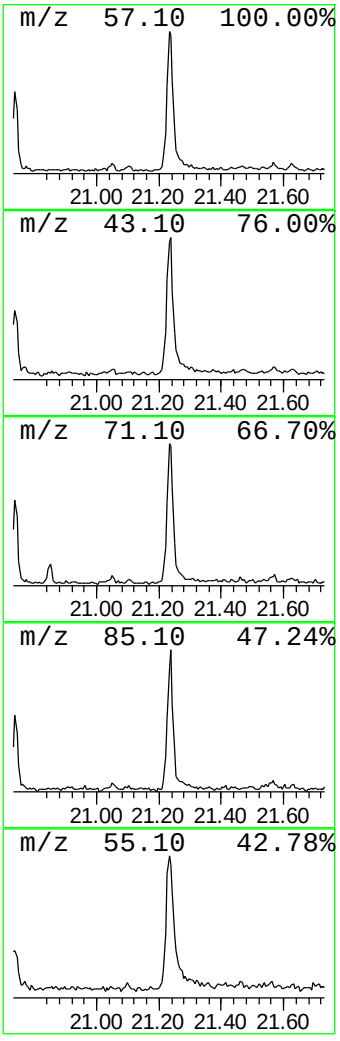
****

Peak Number 4 Ethanol, 2-(octadecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.88 ng	318359	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4	Nonadecane	268	C19H40	000629-92-5	68
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

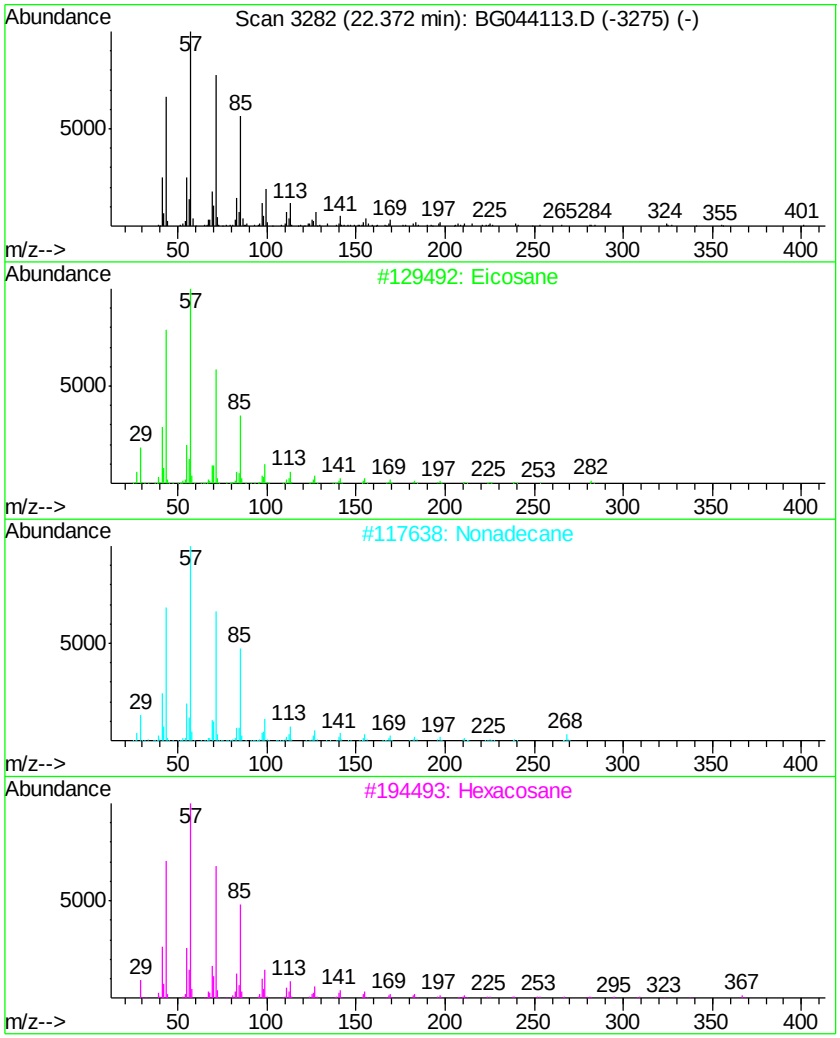
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

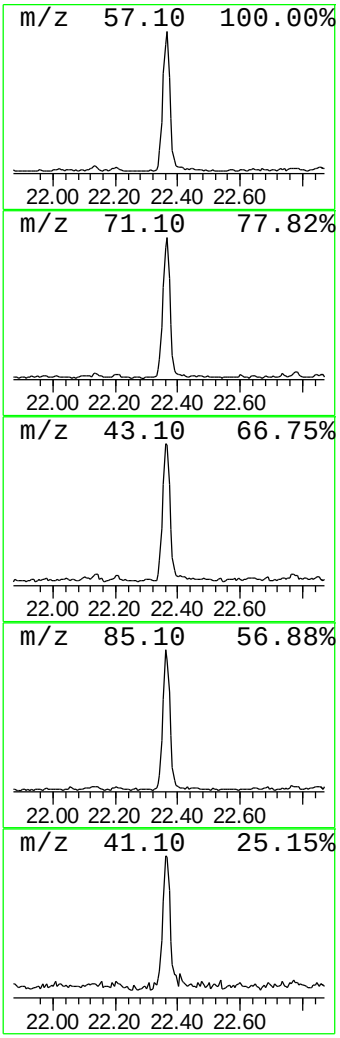
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	5.01 ng	327038	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Hexacosane	366	C26H54	000630-01-3	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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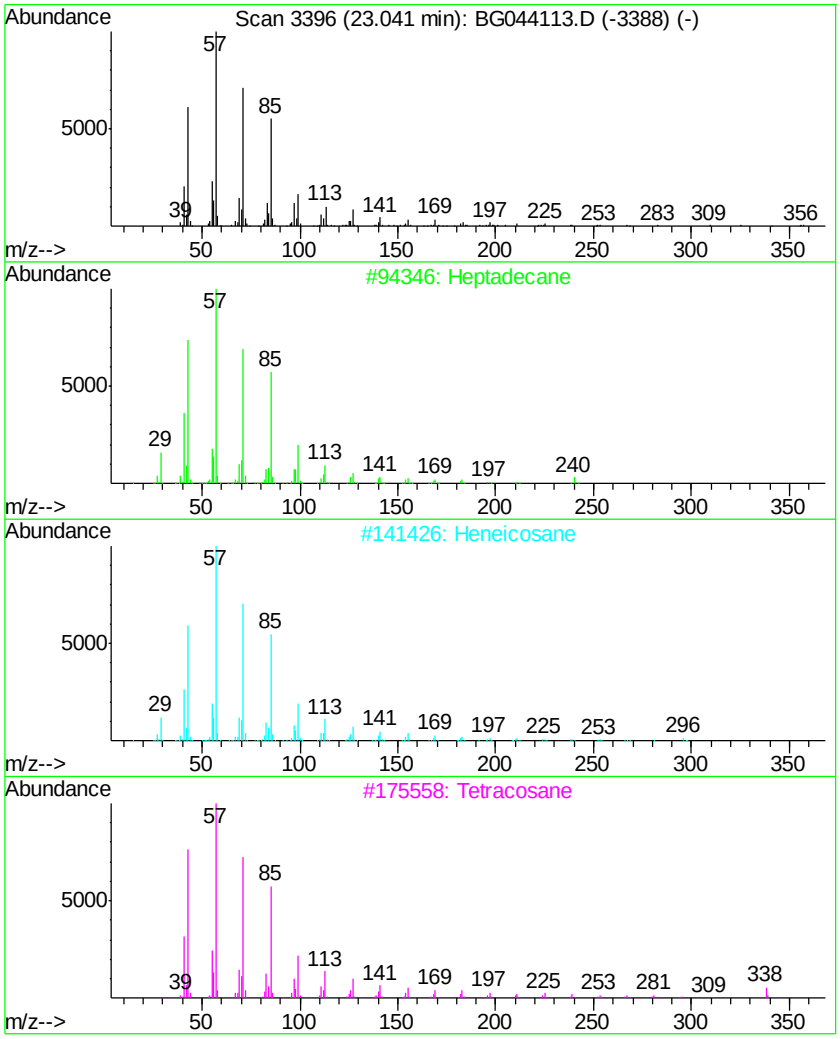
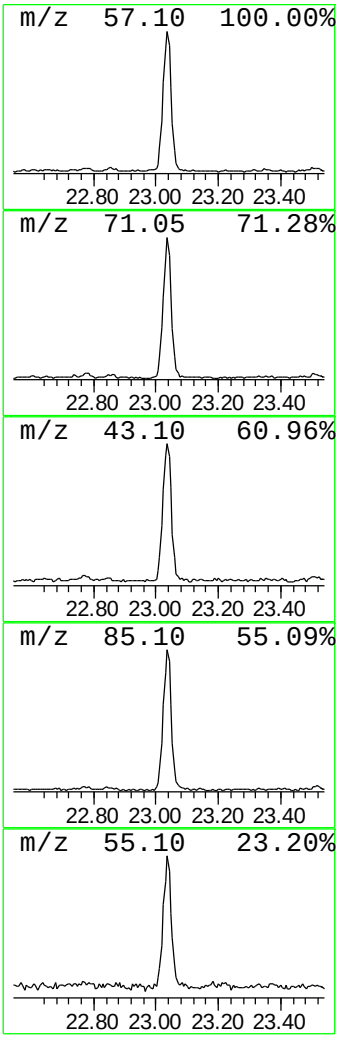
Peak Number 7 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	6.49 ng	423348	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

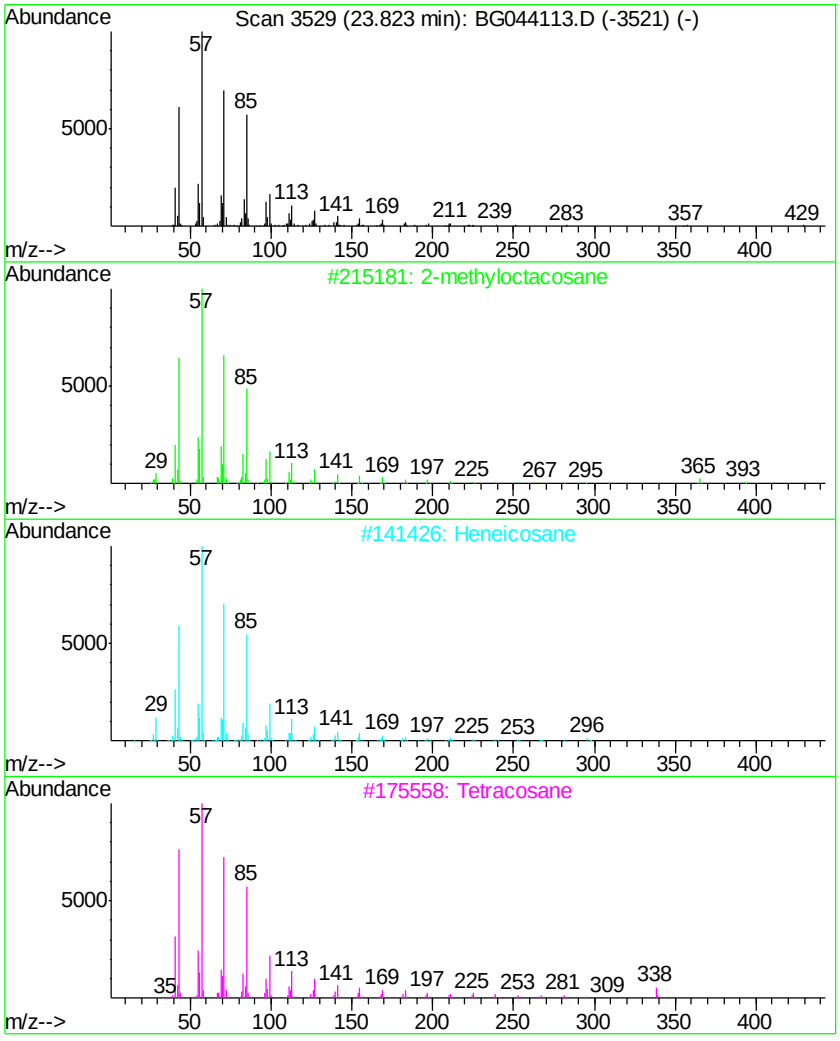
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

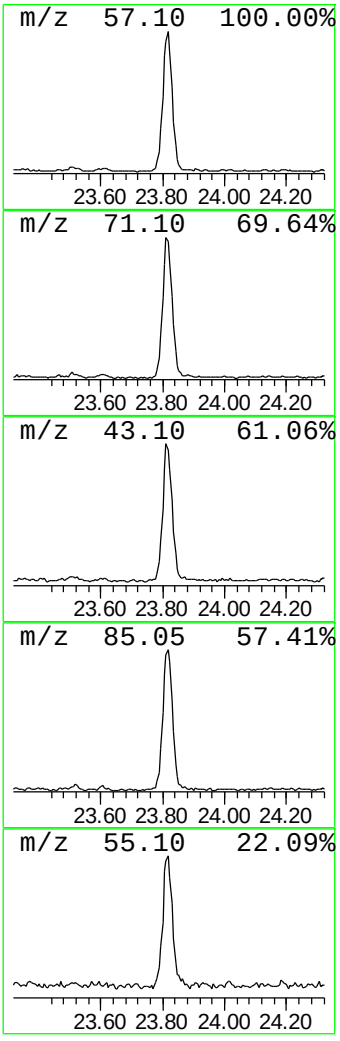
****

Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	5.95 ng	409147	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

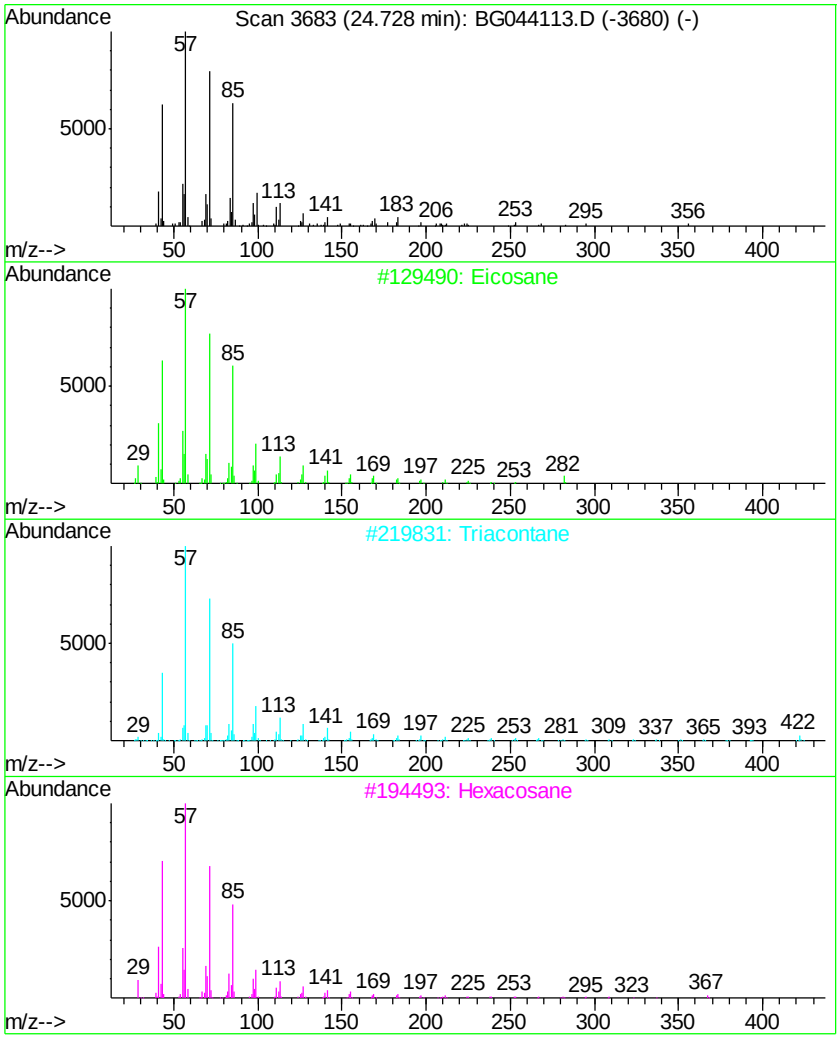
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

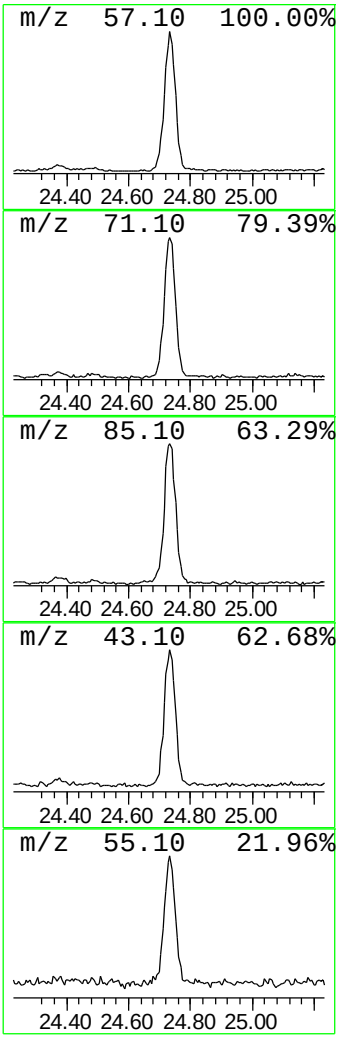
****

Peak Number 9 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	5.50 ng	377875	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Triacontane	422	C30H62	000638-68-6	86
3	Hexacosane	366	C26H54	000630-01-3	83
4	Pentadecane	212	C15H32	000629-62-9	81
5	Heptadecane	240	C17H36	000629-78-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

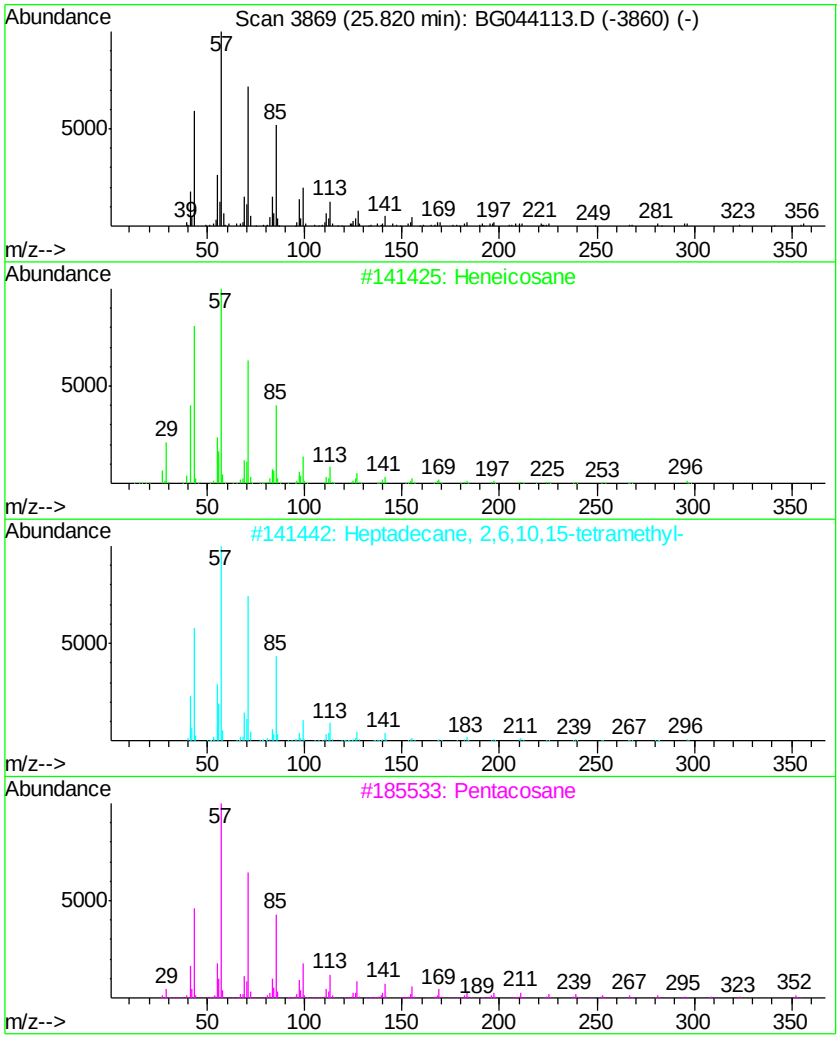
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

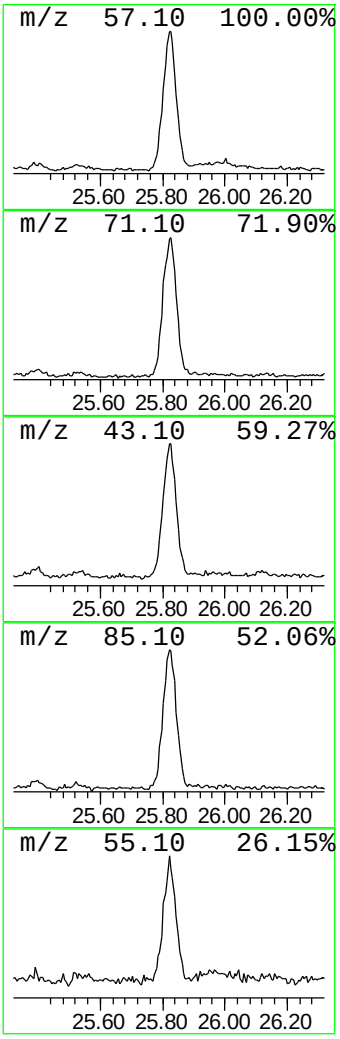
****

Peak Number 10 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	4.95 ng	340153	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

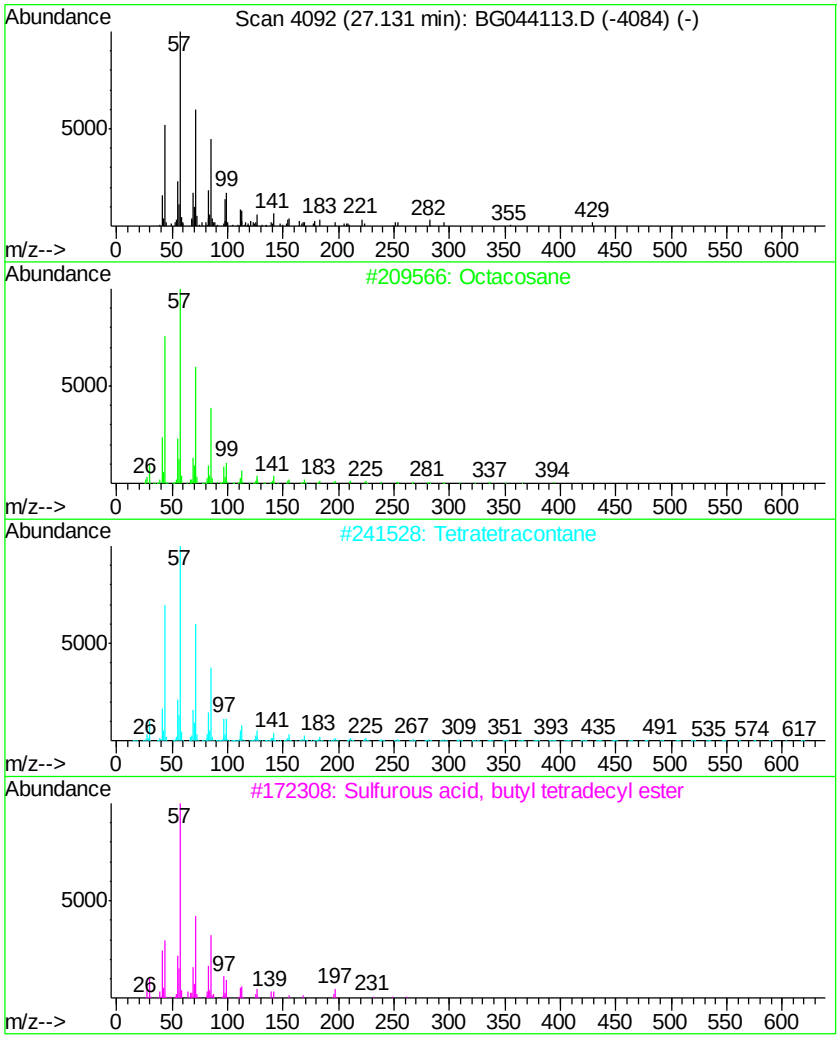
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

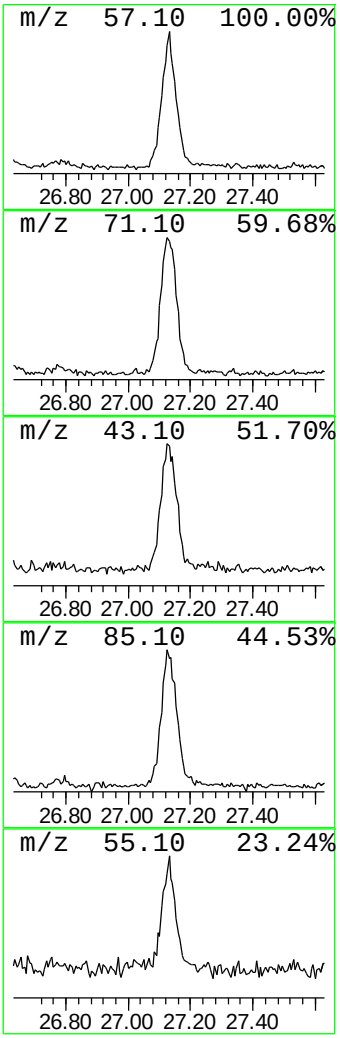
****

Peak Number 11 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.13	2.74 ng	188249	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044113.D
Acq On : 21 Jan 2020 00:54
Operator : JU
Sample : L1184-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
2-Pentanone, 4-hy...	5.04	5.7	ng	136038	1	7.93	480173	20.0
unknown7.47	7.47	78.2	ng	1876910	1	7.93	480173	20.0
Ethanol, 2-(octad...	21.23	4.9	ng	318359	5	21.56	1304350	20.0
Eicosane	22.37	5.0	ng	327038	5	21.56	1304350	20.0
Heptadecane	23.04	6.5	ng	423348	5	21.56	1304350	20.0
Heneicosane	23.82	6.0	ng	409147	6	24.67	1374930	20.0
Triacontane	24.73	5.5	ng	377875	6	24.67	1374930	20.0
Pentacosane	25.82	5.0	ng	340153	6	24.67	1374930	20.0
Octacosane	27.13	2.7	ng	188249	6	24.67	1374930	20.0