LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

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-BG121218.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	3.182	12	16	24	rVB	66500	96956	6.37%	1.116%
2	5.145	345	350	359	rVB2	23401	40349	2.65%	0.464%
3	5.609	422	429	439	rBV	386567	642756	42.22%	7.398%
4	7.213	694	702	717	rBV	421834	802449	52.71%	9.236%
5	7.589	757	766	774	rBV	393595	697433	45.81%	8.028%
6	8.059	839	846	857	rVB	77946	135596	8.91%	1.561%
7	8.382	893	901	909	rVB	327385	576172	37.85%	6.632%
8	9.234	1039	1046	1056	rBV	275689	522087	34.29%	6.009%
9	10.879	1317	1326	1336	rBV	98375	188362	12.37%	2.168%
10	13.317	1734	1741	1754	rBV	725741	1130751	74.27%	13.015%
11	14.140	1875	1881	1890	rBV	53601	77008	5.06%	0.886%
12	14.698	1969	1976	1986	rVB2	159943	269877	17.73%	3.106%
13	16.185	2223	2229	2241	rBV	466644	713838	46.89%	8.216%
14	17.442	2437	2443	2454	rBV2	208307	331373	21.77%	3.814%
15	18.306	2585	2590	2601	rBV	38776	64770	4.25%	0.746%
16	19.569	2801	2805	2810	rBV4	10468	16135	1.06%	0.186%
17	20.045	2880	2886	2895	rBV	1173344	1522432	100.00%	17.524%
18	21.320	3096	3103	3111	rBV2	50491	92338	6.07%	1.063%
19	21.719	3164	3171	3181	rVB	215430	359017	23.58%	4.132%
20	25.015	3723	3732	3743	rVB2	118780	341985	22.46%	3.936%
21	26.085	3906	3914	3922	rBV10	5193	15478	1.02%	0.178%
22	30.726	4689	4704	4710	rBV10	12355	50725	3.33%	0.584%

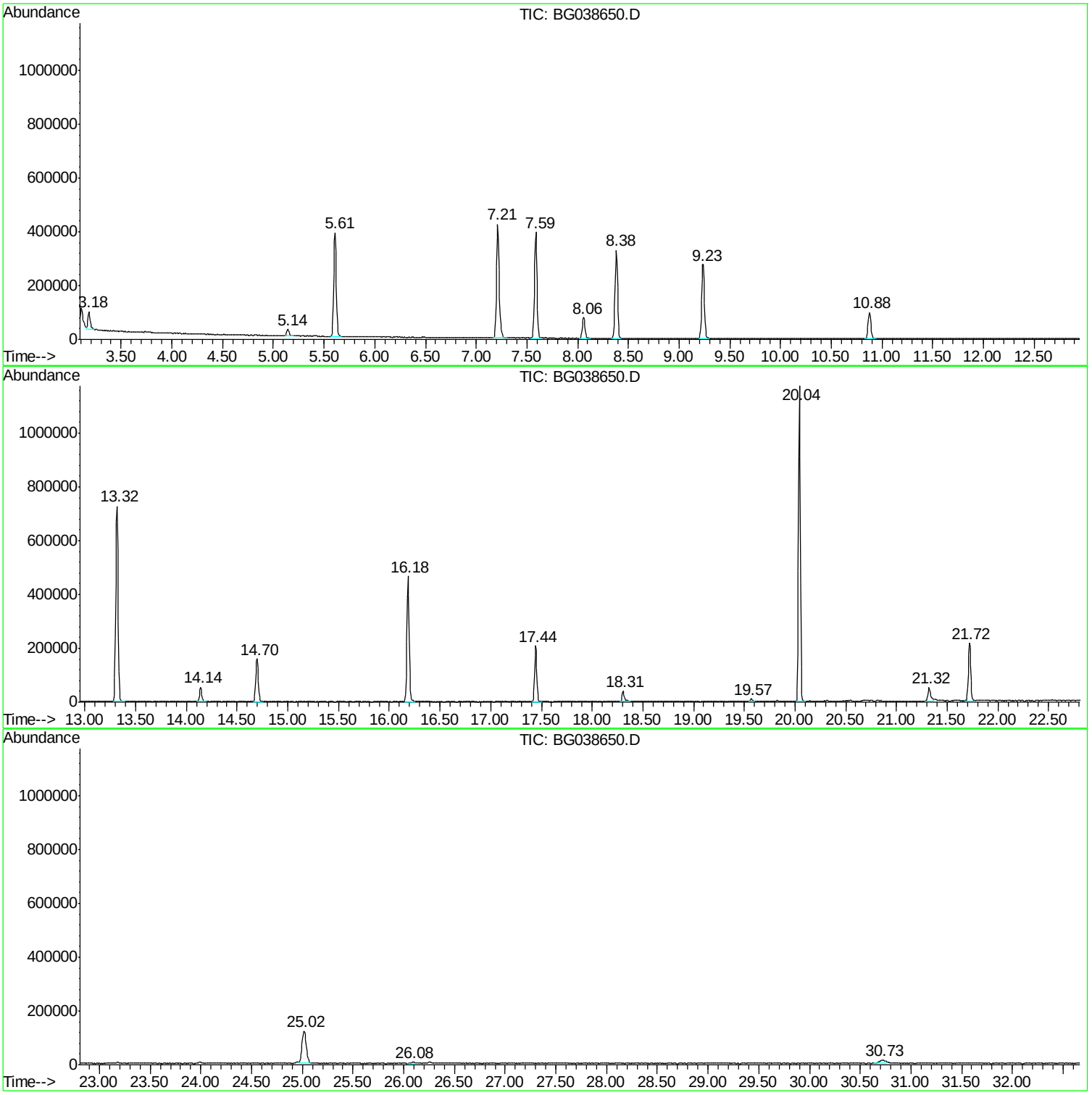
Sum of corrected areas: 8687887

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

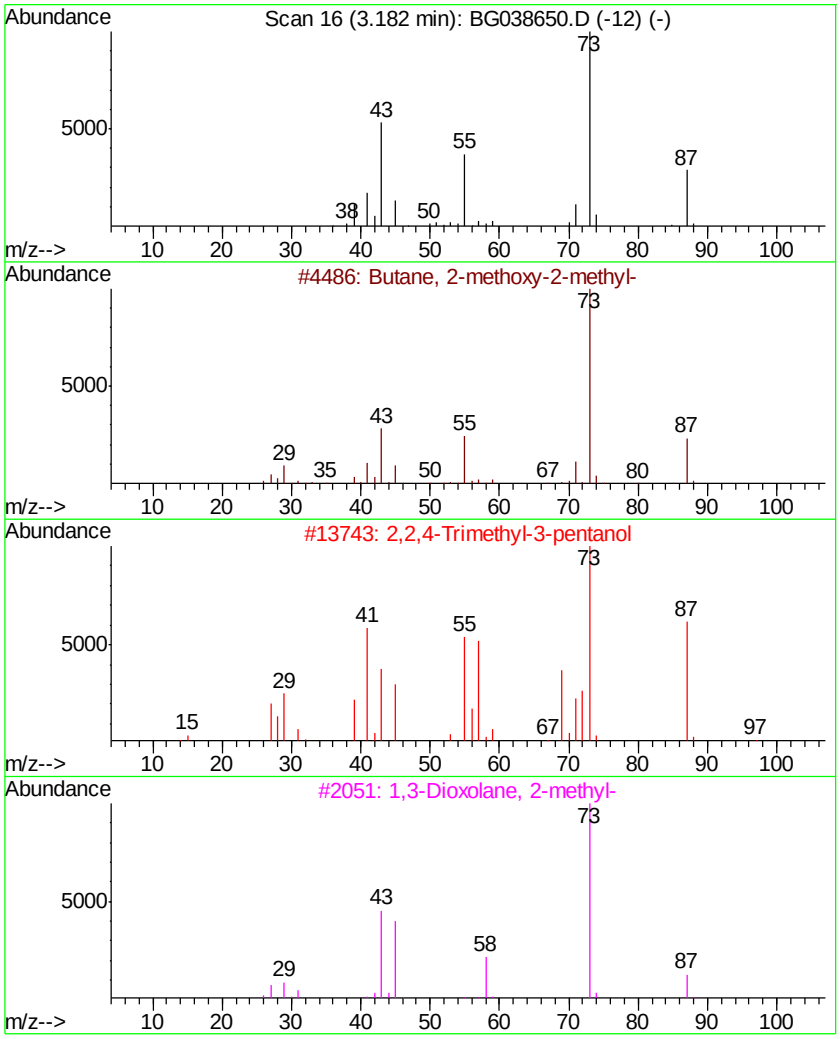
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

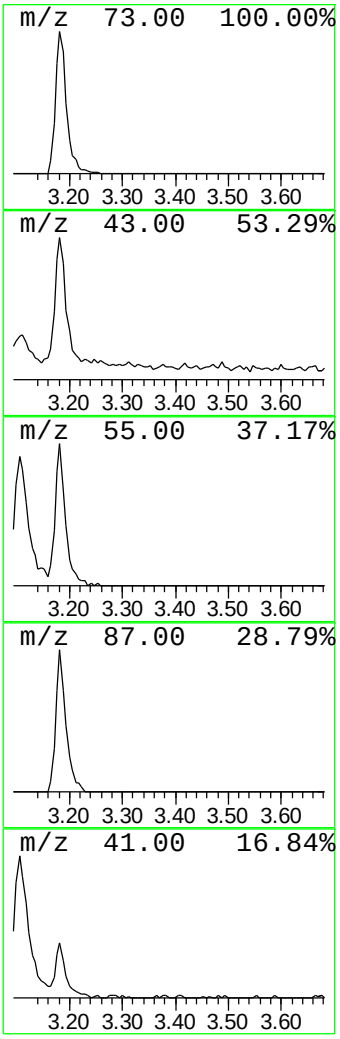
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	14.30 ng	96956	1,4-Dichlorobenzene-d4	8.06

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Oxirane, [(hexyloxy)methyl]-	158	C9H18O2	005926-90-9	16
5	Propanoic acid, 2-oxo-	88	C3H4O3	000127-17-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

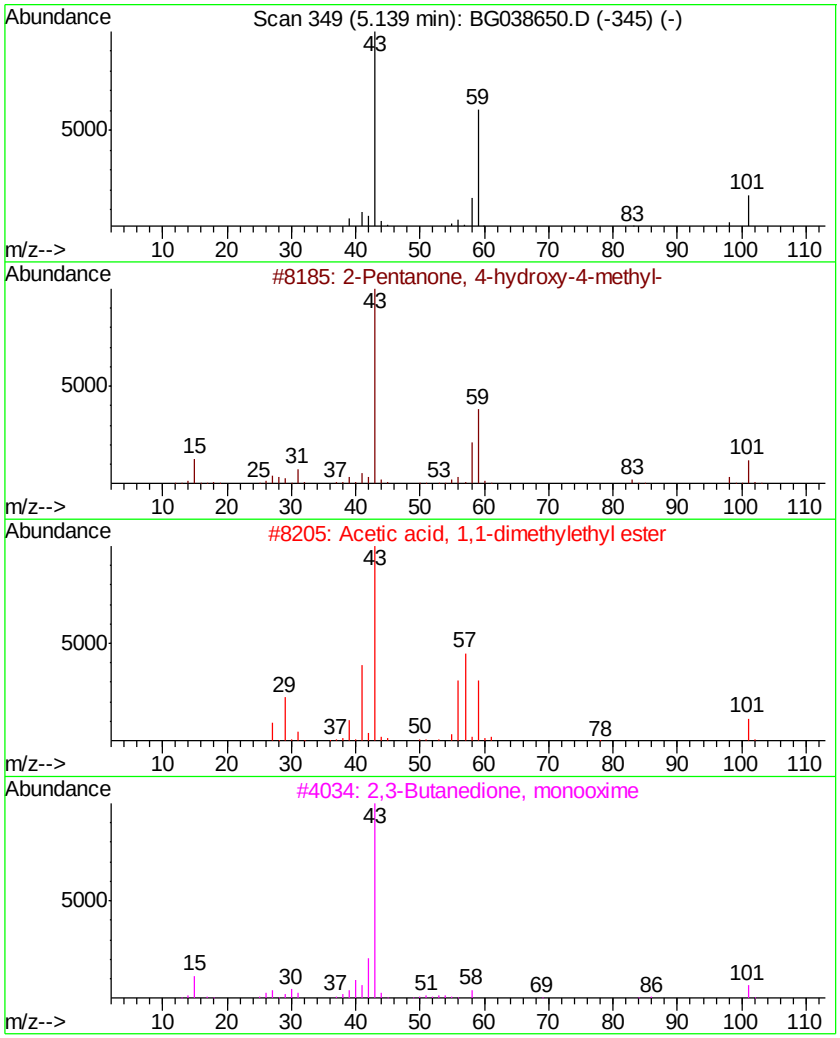
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

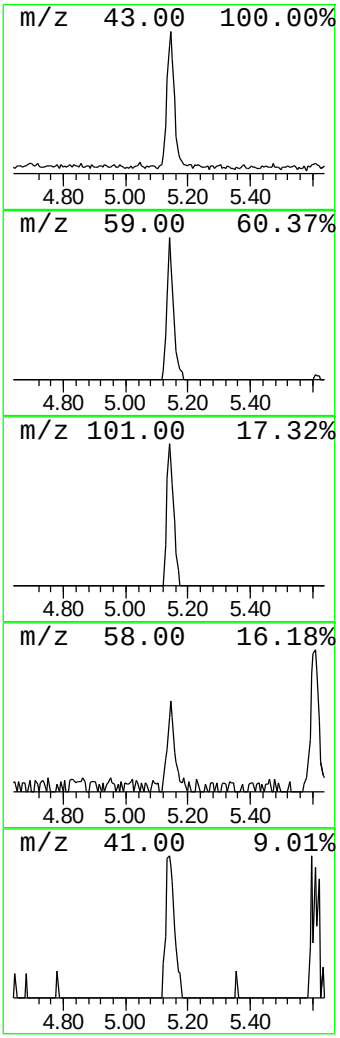
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	5.95 ng	40349	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Tetramethylammonium acetate	133	C6H15NO2	010581-12-1	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

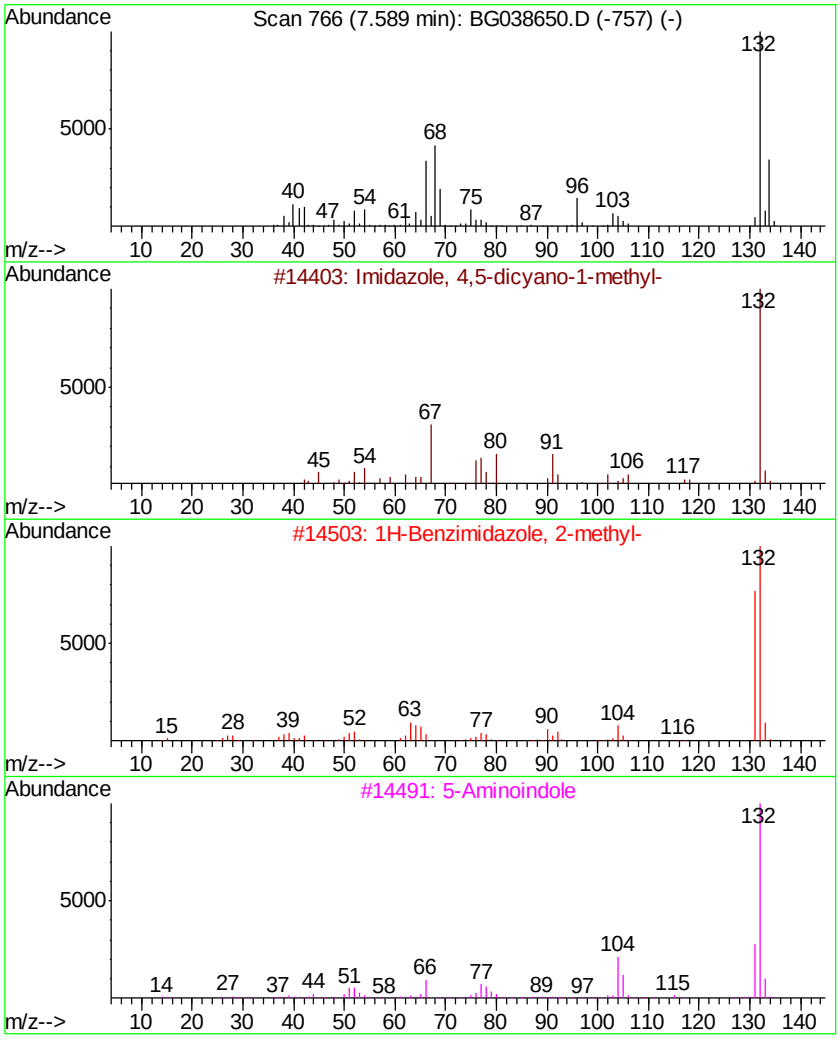
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

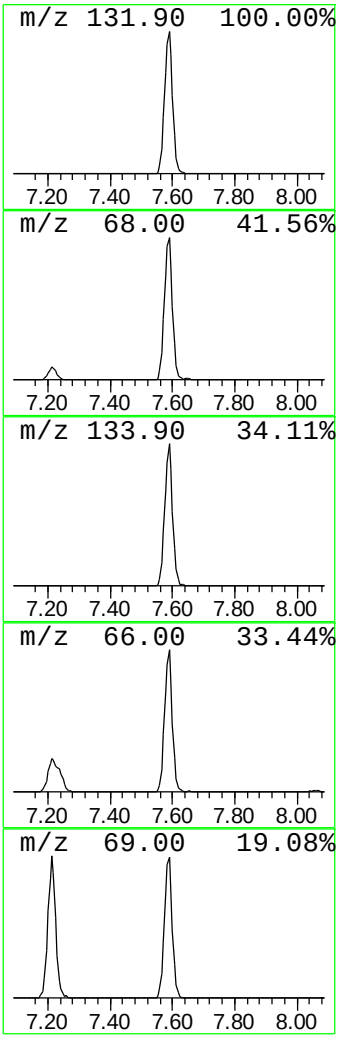
****

Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	102.87 ng	697433	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

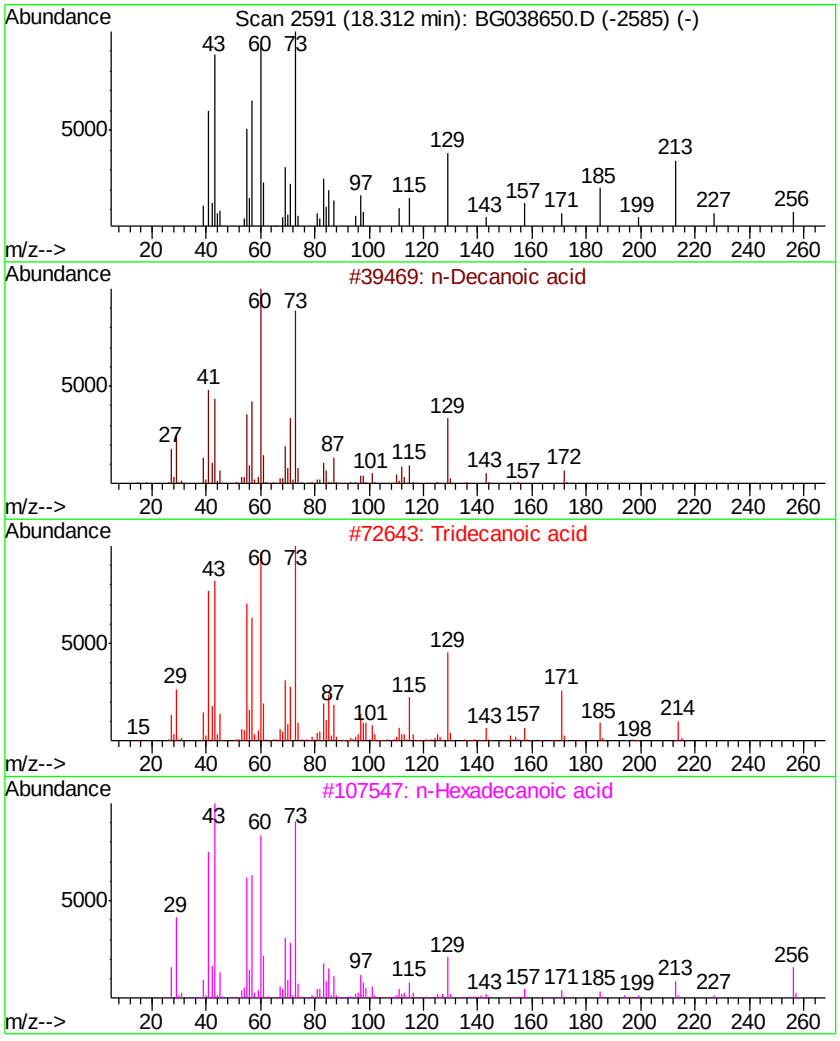
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

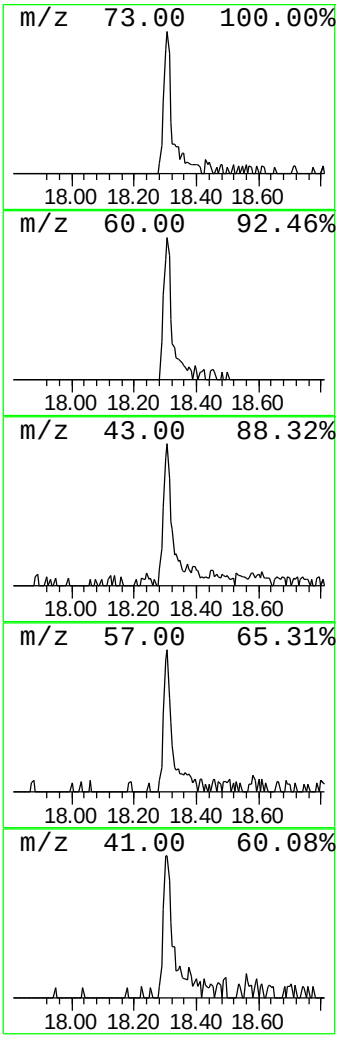
****

Peak Number 5 n-Decanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.91 ng	64770	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

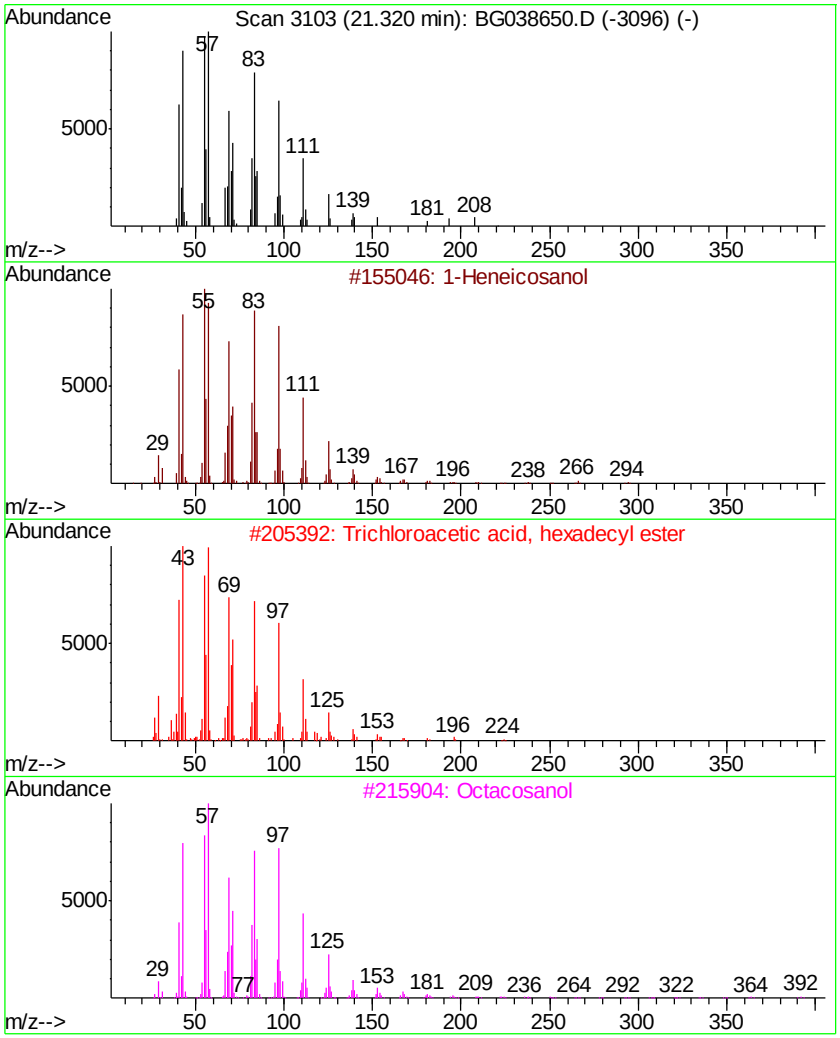
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

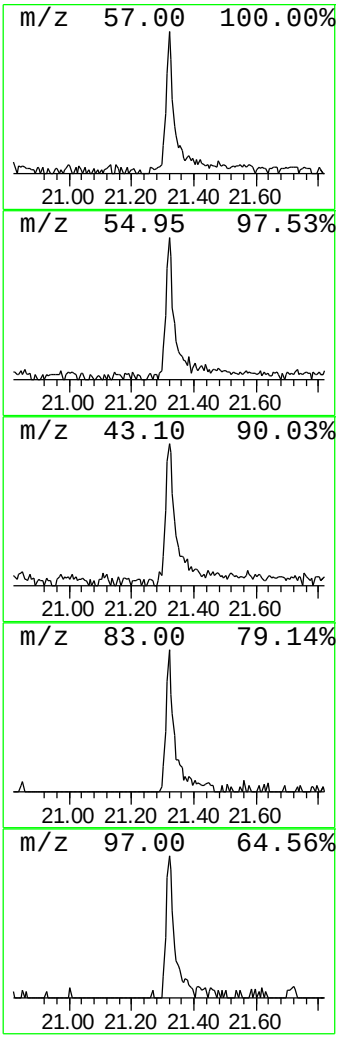
****

Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.14 ng	92338	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

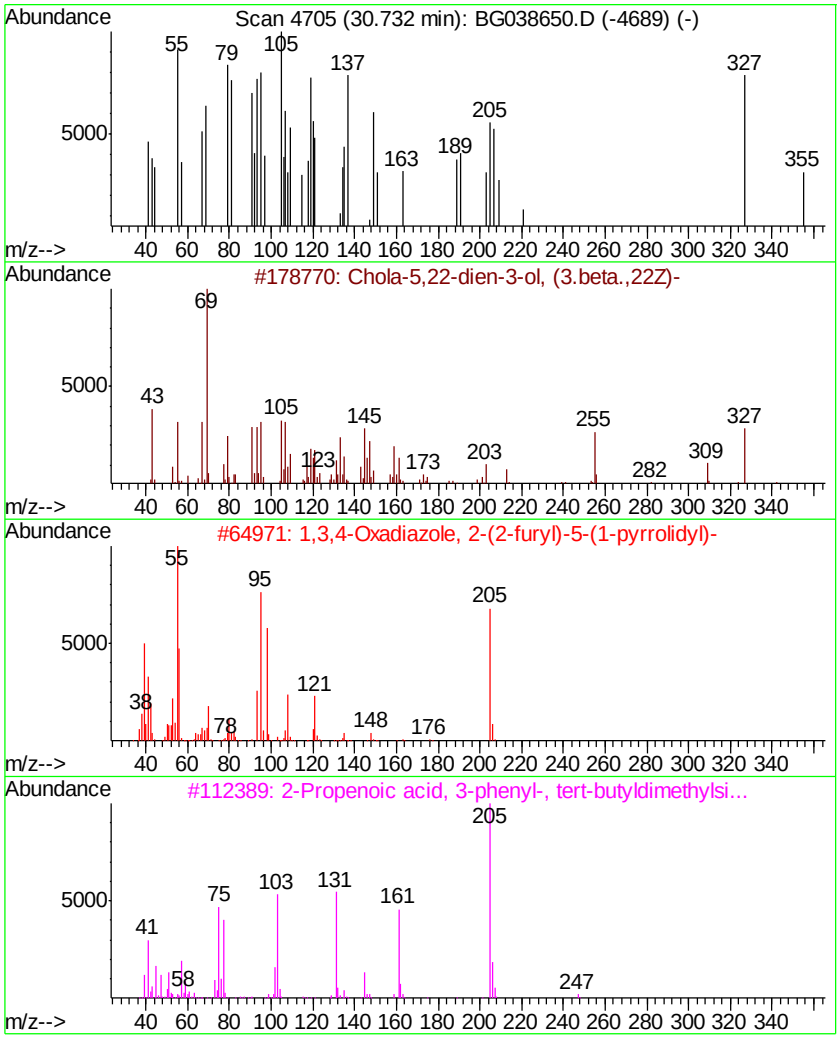
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

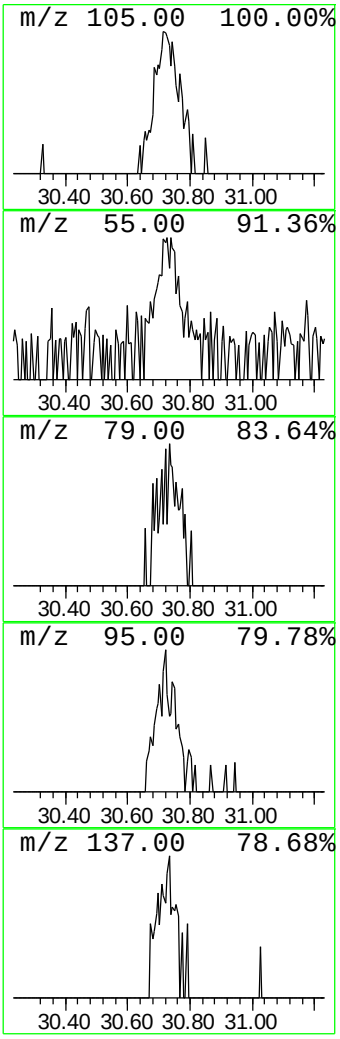
****

Peak Number 7 unknown30.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.73	2.97 ng	50725	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chola-5,22-dien-3-ol, (3.beta.,2...	342	C24H38O	057597-14-5	43
2	1,3,4-Oxadiazole, 2-(2-furyl)-5-...	205	C10H11N3O2	284674-14-2	14
3	2-Propenoic acid, 3-phenyl-, ter...	262	C15H22O2Si	345647-22-5	14
4	Longifolenaldehyde	220	C15H24O	019890-84-7	14
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121618\
Data File : BG038650.D
Acq On : 16 Dec 2018 21:26
Operator : JU/SJ
Sample : J6357-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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...	3.18	14.3	ng	96956	1	8.06	135596	20.0
2-Pentanone, 4-hy...	5.14	6.0	ng	40349	1	8.06	135596	20.0
unknown7.59	7.59	102.9	ng	697433	1	8.06	135596	20.0
n-Decanoic acid	18.31	3.9	ng	64770	4	17.44	331373	20.0
1-Heneicosanol	21.32	5.1	ng	92338	5	21.72	359017	20.0
unknown30.73	30.73	3.0	ng	50725	6	25.02	341985	20.0