LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

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:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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	2.764	10	13	20	rVB	60141	76837	1.44%	0.290%
2	2.917	34	39	48	rBV	372640	567897	10.66%	2.146%
3	2.994	48	52	61	rVB	730036	866597	16.26%	3.274%
4	4.915	373	379	386	rVB2	53586	80169	1.50%	0.303%
5	5.373	451	457	467	rVB	622385	899358	16.88%	3.398%
6	6.959	720	727	735	rBV	415019	638881	11.99%	2.414%
7	7.324	782	789	796	rBV	1090771	1710935	32.11%	6.464%
8	7.794	863	869	875	rBV	221380	358662	6.73%	1.355%
9	8.111	916	923	932	rBV	909829	1463110	27.46%	5.528%
10	8.951	1056	1066	1075	rBV	837619	1379215	25.88%	5.211%
11	10.585	1336	1344	1352	rBV	316958	528113	9.91%	1.995%
12	13.052	1756	1764	1772	rBV	2095900	3105795	58.28%	11.734%
13	14.433	1992	1999	2006	rBV2	493821	767046	14.39%	2.898%
14	15.920	2245	2252	2258	rBV	2067868	2823594	52.99%	10.668%
15	17.171	2460	2465	2473	rVB	698276	1028438	19.30%	3.885%
16	19.803	2907	2913	2921	rBV	4389694	5329027	100.00%	20.133%
17	20.115	2961	2966	2970	rBV3	46946	54383	1.02%	0.205%
18	21.072	3124	3129	3135	rBV	1241775	1298713	24.37%	4.907%
19	21.348	3171	3176	3181	rBV	926022	1124504	21.10%	4.248%
20	21.954	3274	3279	3286	rBV	1101106	1336789	25.09%	5.050%
21	23.646	3561	3567	3575	rBV2	539643	1031011	19.35%	3.895%

Sum of corrected areas: 26469074

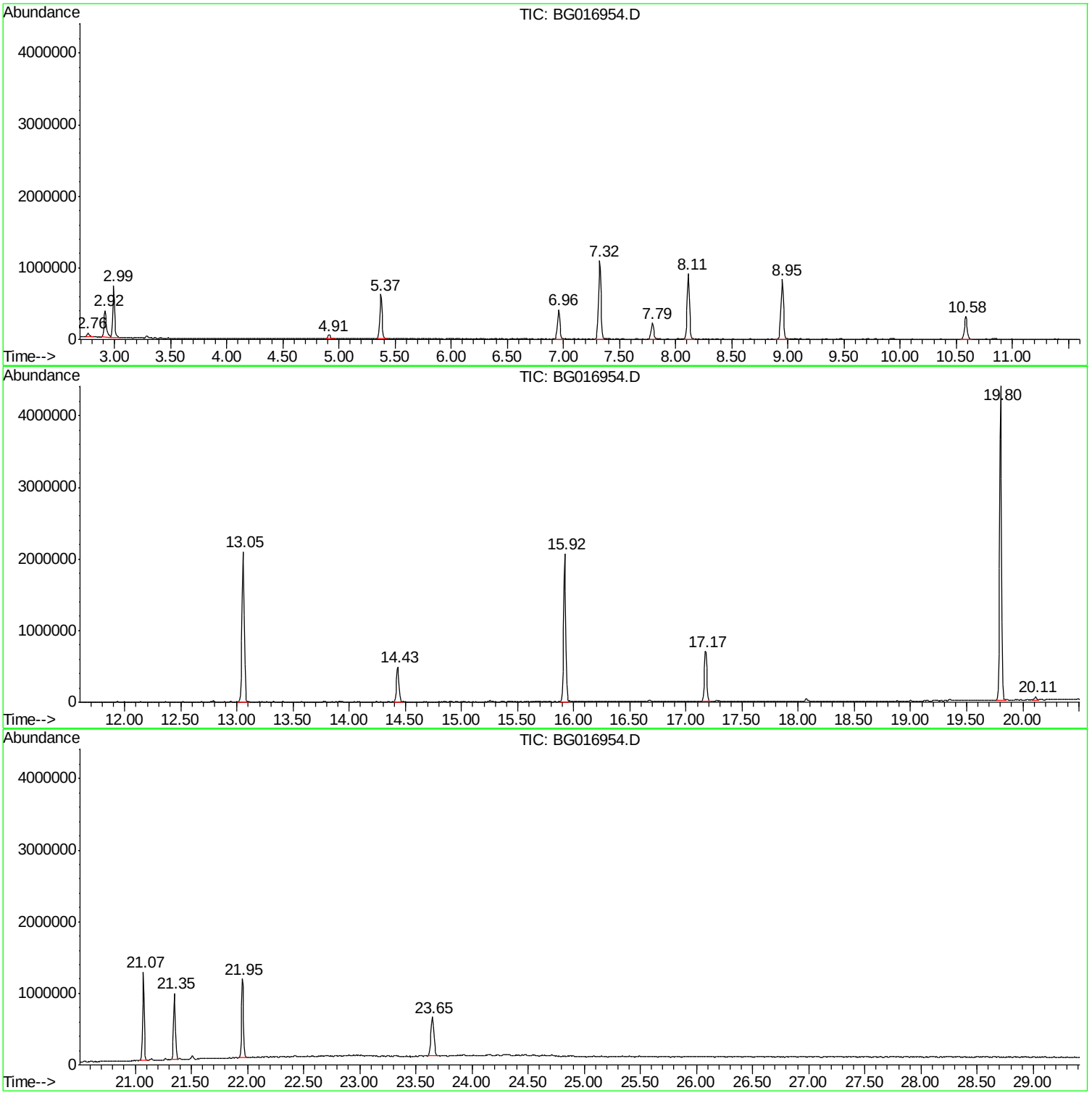
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

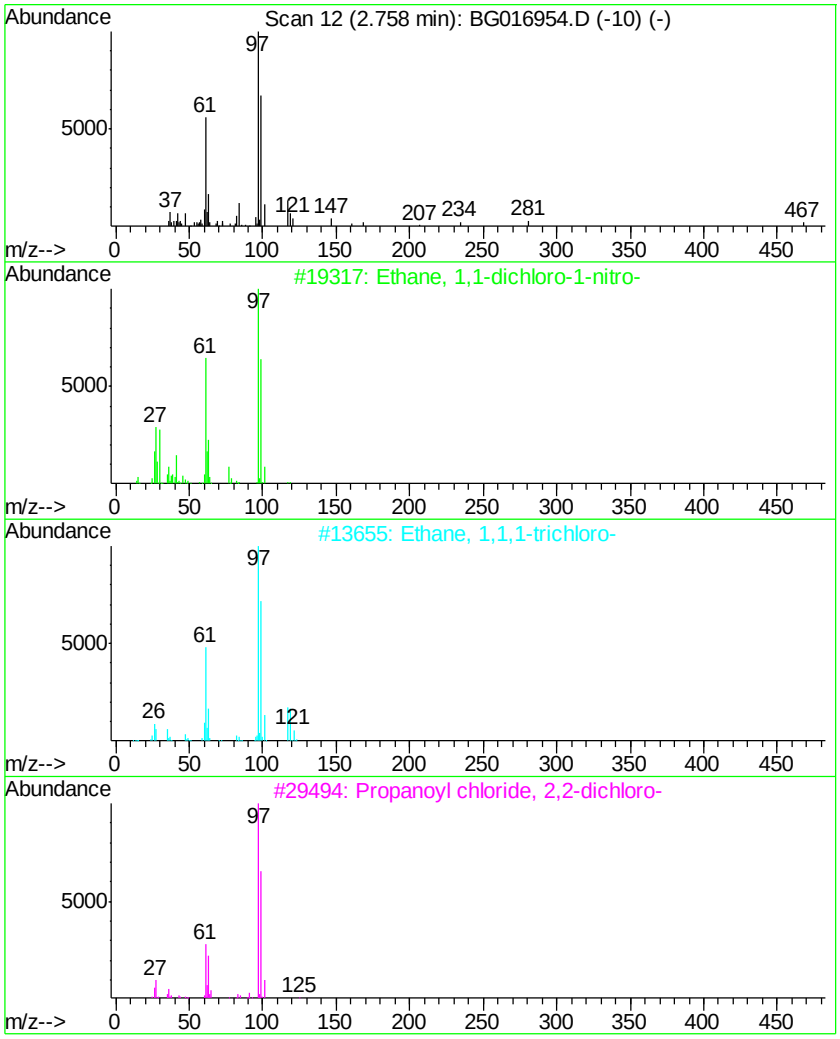
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

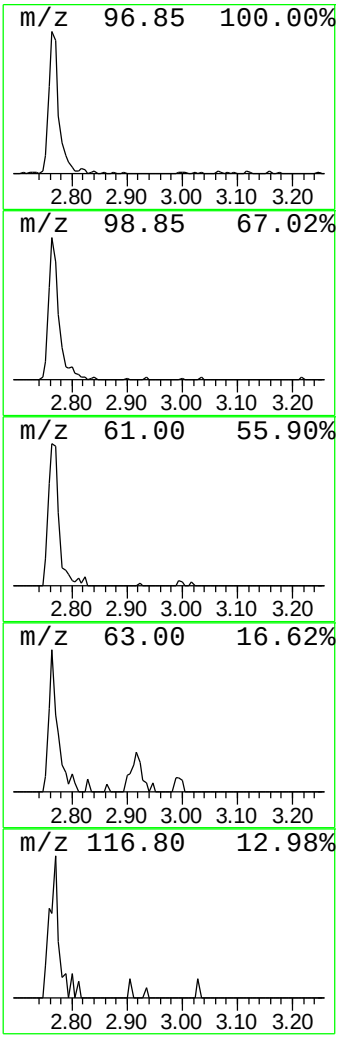
****

Peak Number 1 Ethane, 1,1-dichloro-1-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	4.28 ng	76837	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	78
2	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	74
3	Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	64
4	Ethane, 2-bromo-1,1-dichloro-	176	C2H3BrCl2	000683-53-4	36
5	Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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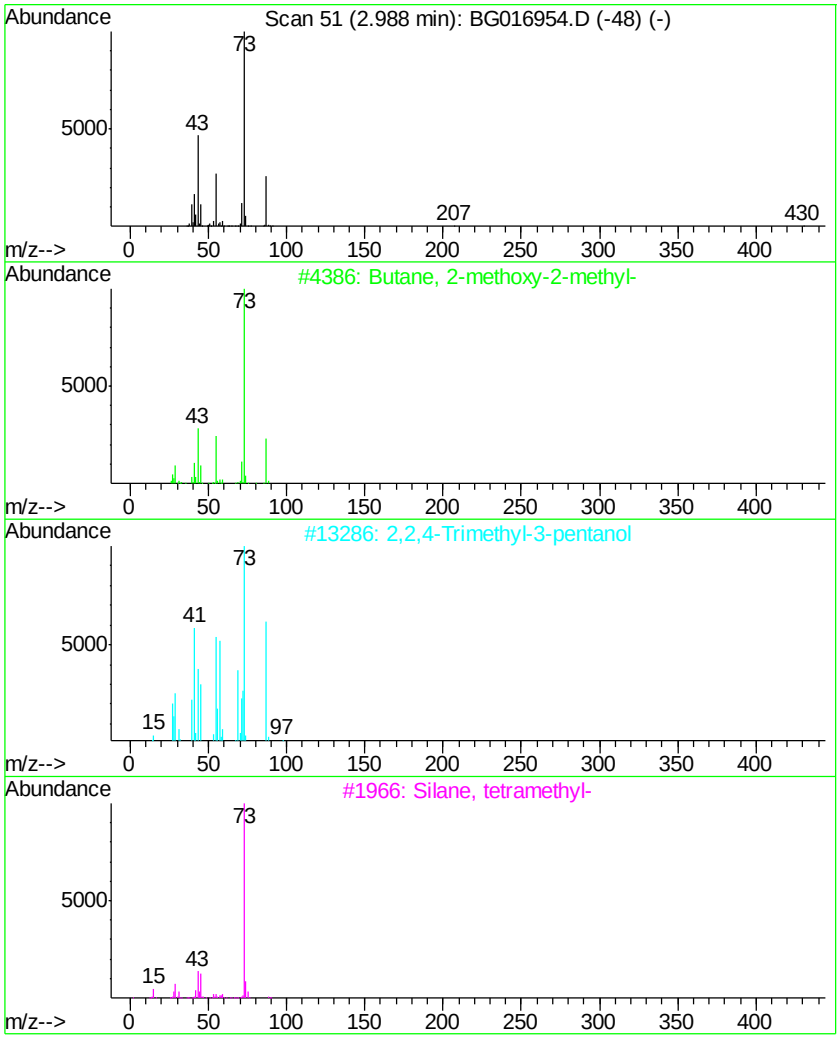
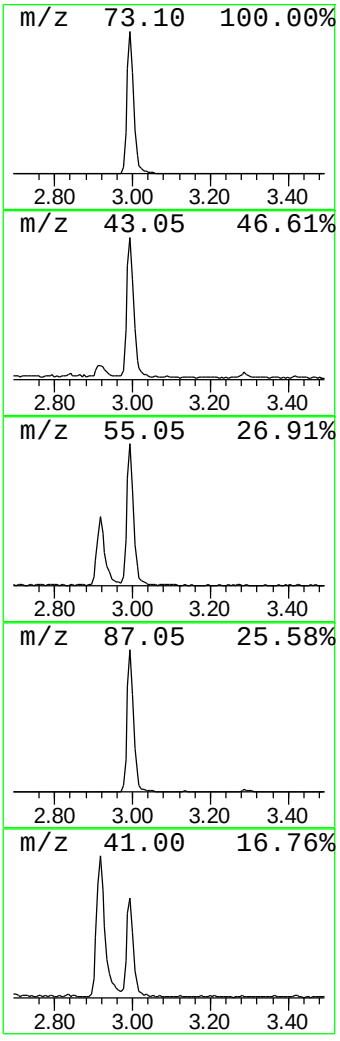
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	48.32 ng	866597	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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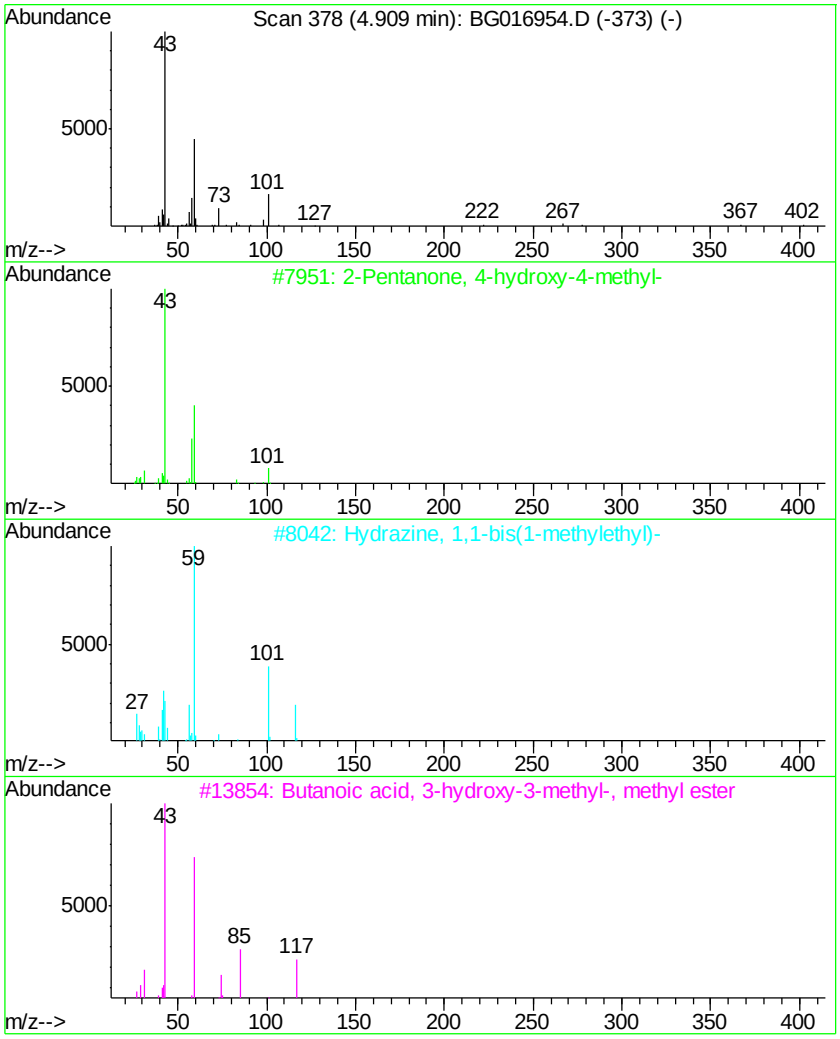
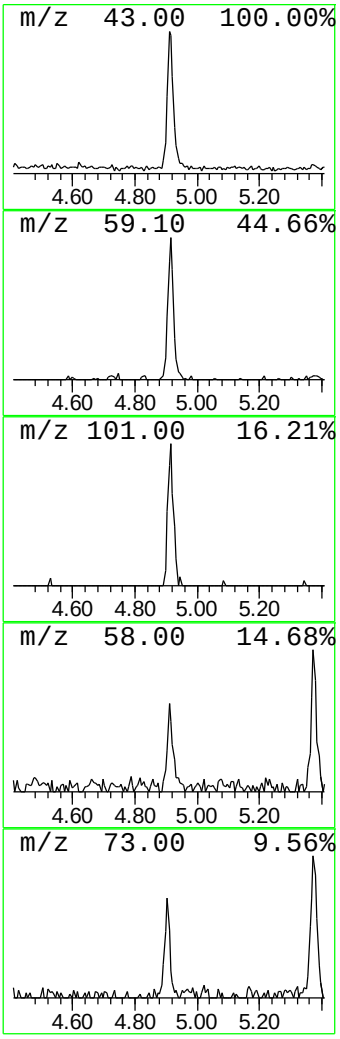
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	4.47 ng	80169	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
3	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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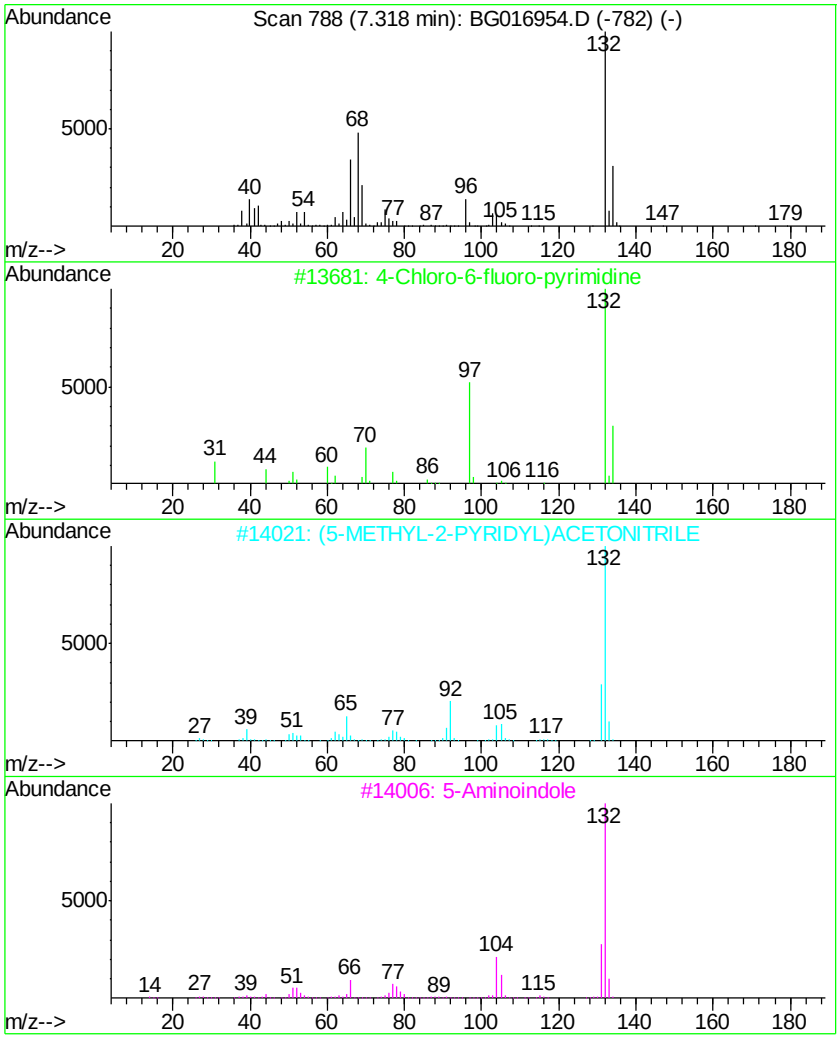
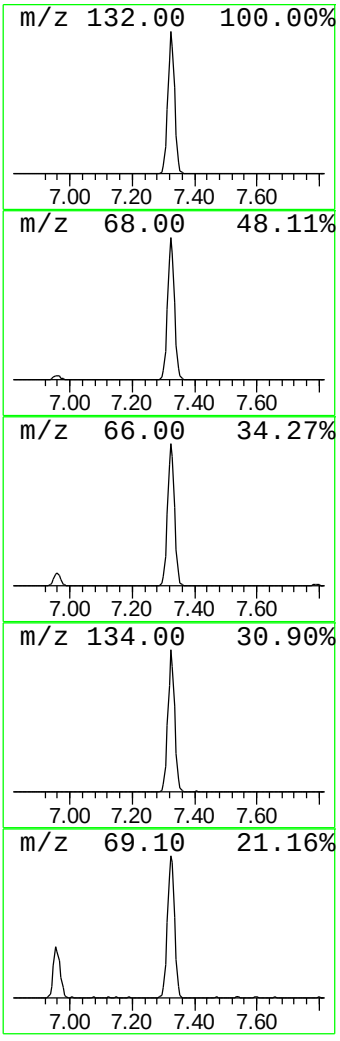
Peak Number 5 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	95.41 ng	1710940	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

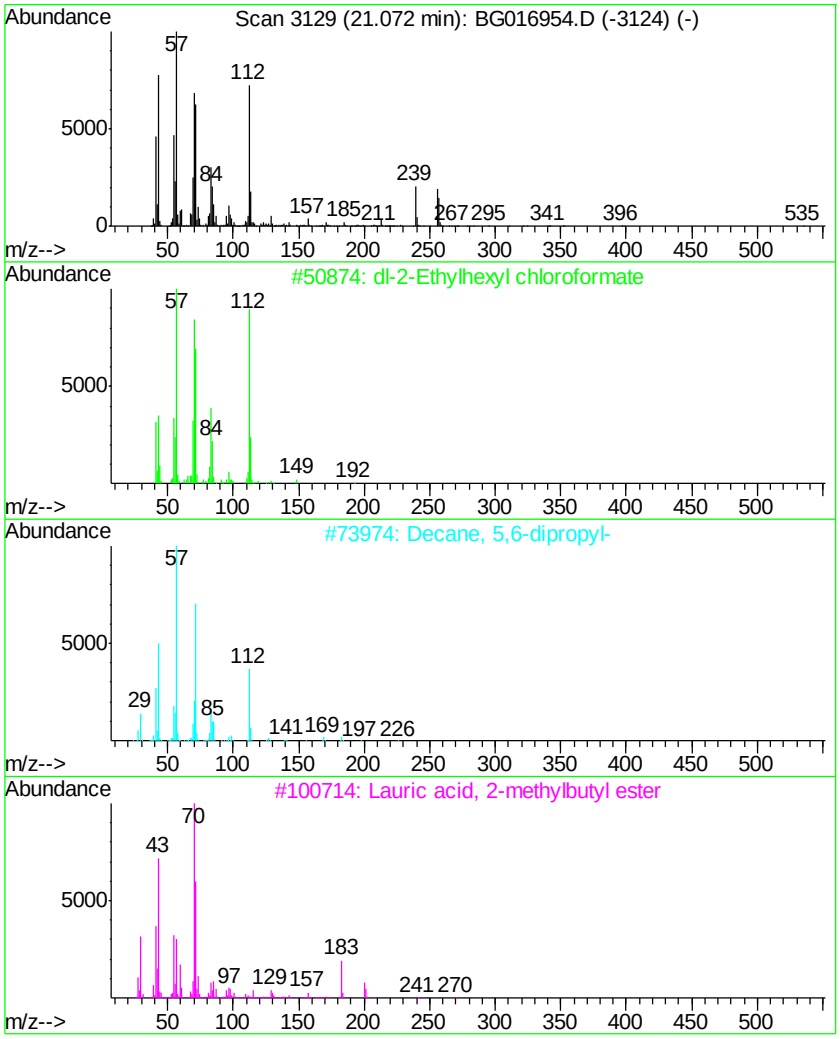
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

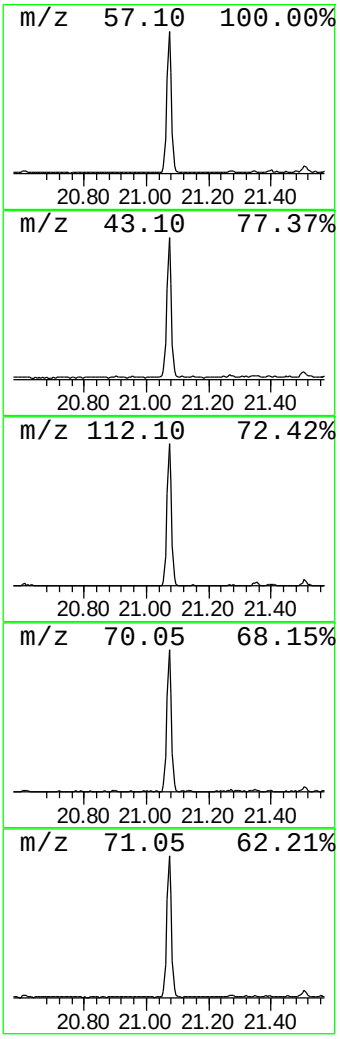
****

Peak Number 7 dl-2-Ethylhexyl chloroformate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	23.10 ng	1298710	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	68
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43
3	Lauric acid, 2-methylbutyl ester	270	C17H34O2	093815-53-3	38
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	35
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	27





Tentatively Identified Compound (LSC) summary

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Data File : BG016954.D
Acq On : 8 May 2015 13:40
Operator : TP/IZ
Sample : G2057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWJ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-dichl...	2.76	4.3	ng	76837	1	7.79	358662	20.0
Butane, 2-methoxy...	2.99	48.3	ng	866597	1	7.79	358662	20.0
2-Pentanone, 4-hy...	4.91	4.5	ng	80169	1	7.79	358662	20.0
unknown7.32	7.32	95.4	ng	1710940	1	7.79	358662	20.0
dl-2-Ethylhexyl c...	21.07	23.1	ng	1298710	5	21.35	1124500	20.0