LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016326.D
Acq On : 10 Apr 2015 19:30
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

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-BG040615.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	2.793	13	18	27	rBV2	140267	224519	8.15%	1.284%
2	2.870	27	31	37	rVB	83709	101283	3.68%	0.579%
3	4.809	356	361	367	rBV	110295	149485	5.43%	0.855%
4	5.284	436	442	452	rBV	847583	1201164	43.60%	6.870%
5	6.877	706	713	727	rBV	858362	1360484	49.39%	7.781%
6	7.229	765	773	783	rBV	873555	1330546	48.30%	7.610%
7	7.693	846	852	859	rBV	251802	386828	14.04%	2.212%
8	8.011	899	906	914	rBV	625074	963461	34.97%	5.510%
9	8.851	1040	1049	1061	rBV	478337	787598	28.59%	4.505%
10	10.478	1319	1326	1334	rBV	369638	602791	21.88%	3.448%
11	11.800	1545	1551	1560	rBV	41208	68339	2.48%	0.391%
12	12.952	1740	1747	1758	rBV	1283654	1835910	66.64%	10.500%
13	13.786	1885	1889	1897	rVB	82737	118238	4.29%	0.676%
14	14.333	1975	1982	1991	rVB2	568861	846525	30.73%	4.842%
15	15.690	2207	2213	2218	rBV	163080	217816	7.91%	1.246%
16	15.819	2229	2235	2242	rBV	863373	1184988	43.01%	6.777%
17	17.071	2442	2448	2454	rBV2	734332	1013850	36.80%	5.799%
18	17.970	2597	2601	2606	rBV2	33601	47886	1.74%	0.274%
19	19.697	2889	2895	2906	rBV	2250159	2754844	100.00%	15.756%
20	20.960	3106	3110	3119	rBV2	65563	98091	3.56%	0.561%
21	21.166	3141	3145	3149	rBV	32570	40679	1.48%	0.233%
22	21.248	3153	3159	3168	rBV	884007	1099596	39.92%	6.289%
23	22.417	3355	3358	3364	rVB2	29313	40617	1.47%	0.232%
24	23.487	3533	3540	3553	rVB2	525753	1008746	36.62%	5.769%

Sum of corrected areas: 17484284

LSC Report - Integrated Chromatogram

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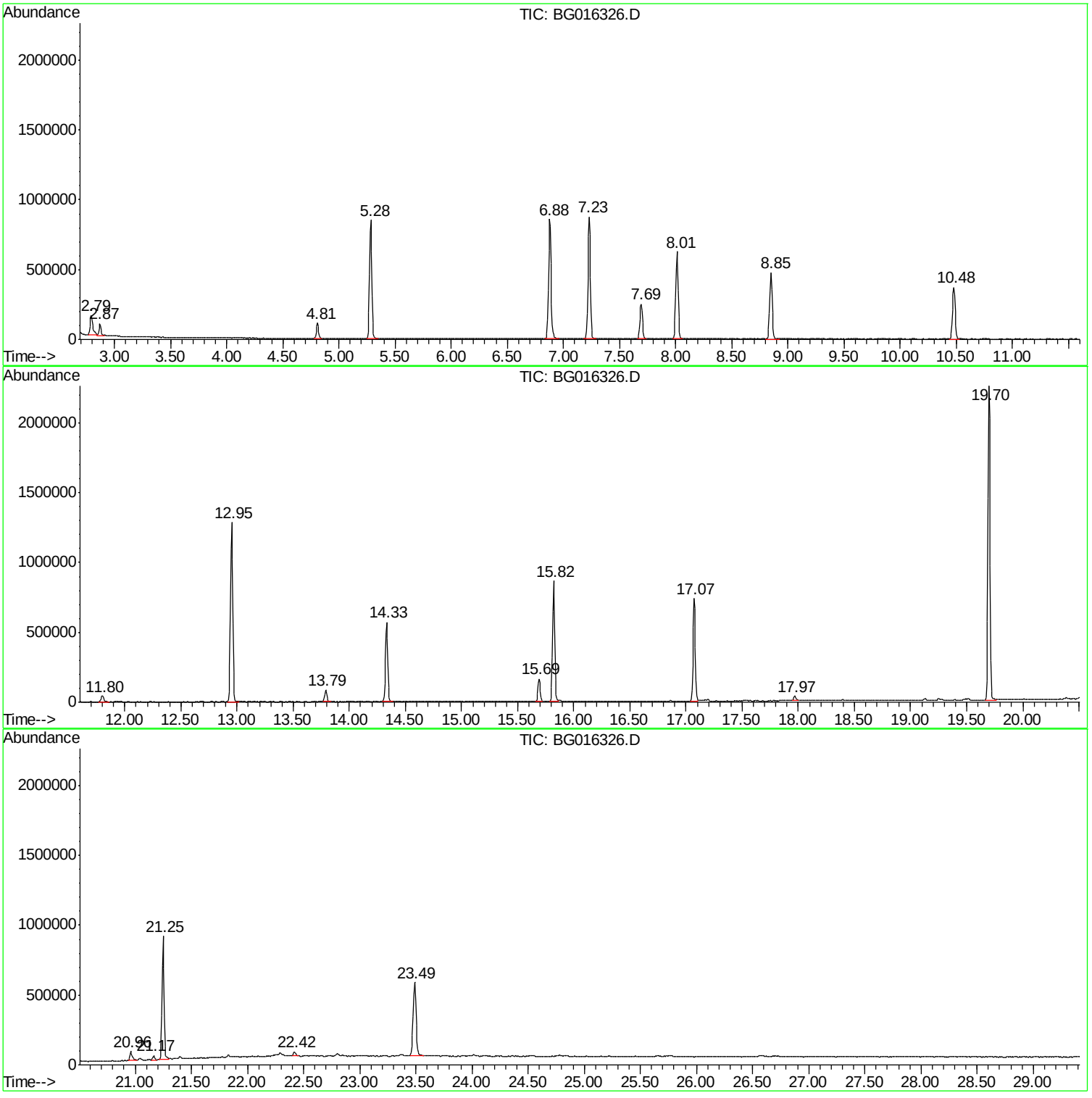
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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\BG041015\
Data File : BG016326.D
Acq On : 10 Apr 2015 19:30
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

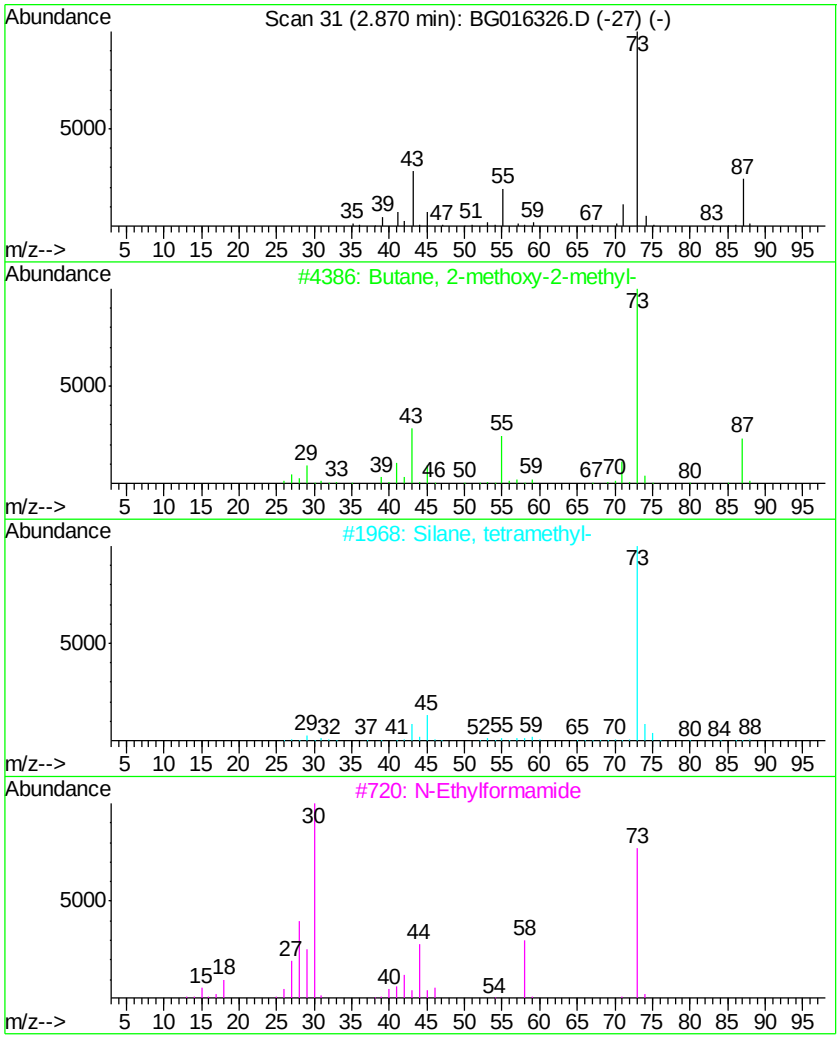
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

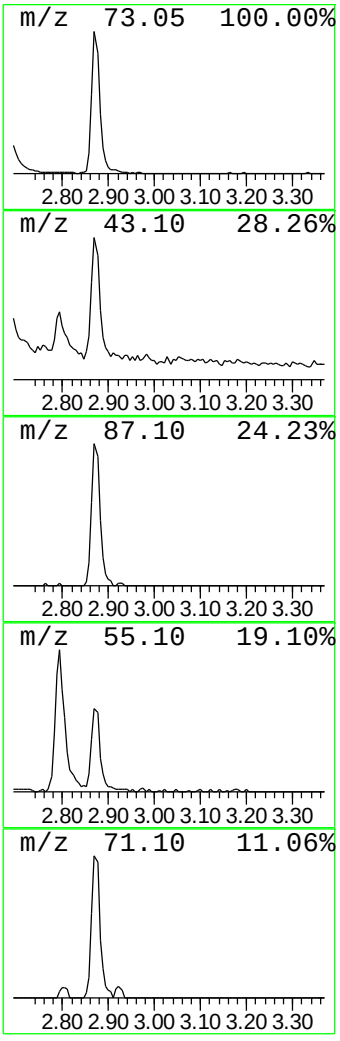
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	5.24 ng	101283	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Data File : BG016326.D
Acq On : 10 Apr 2015 19:30
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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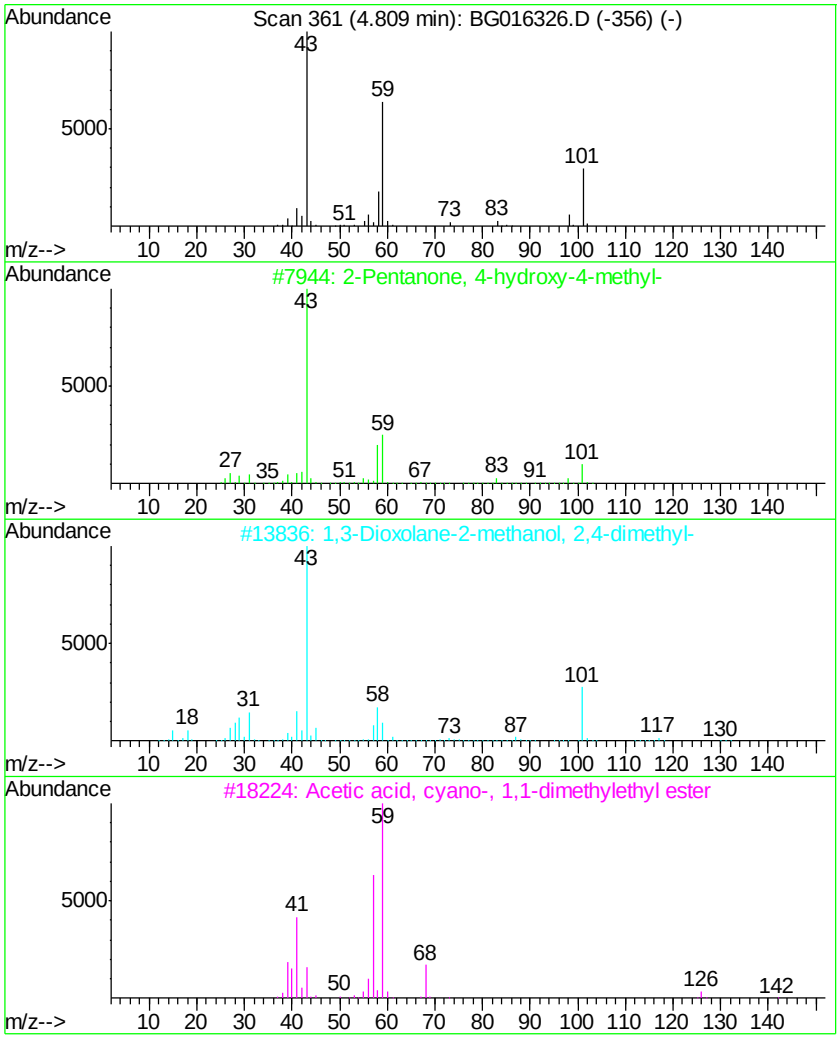
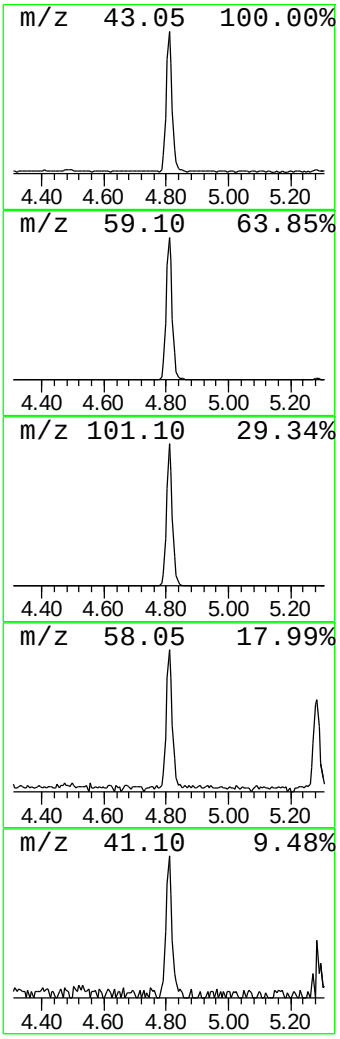
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	7.73 ng	149485	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016326.D
Acq On : 10 Apr 2015 19:30
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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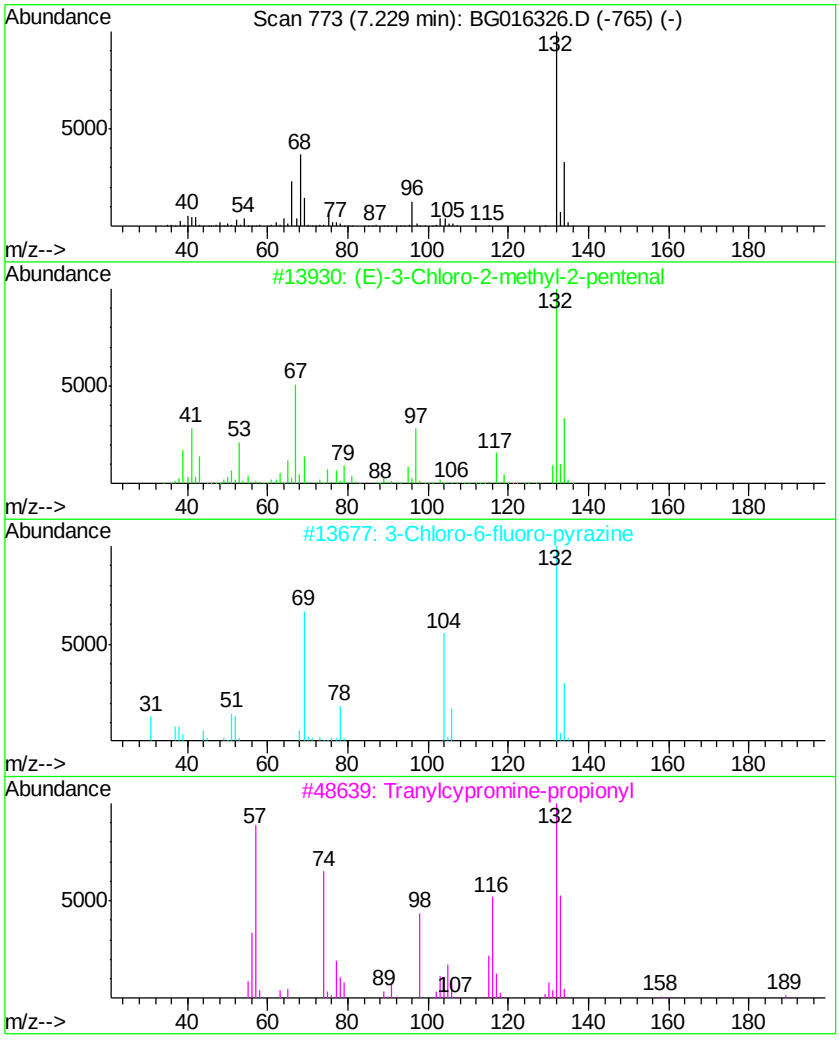
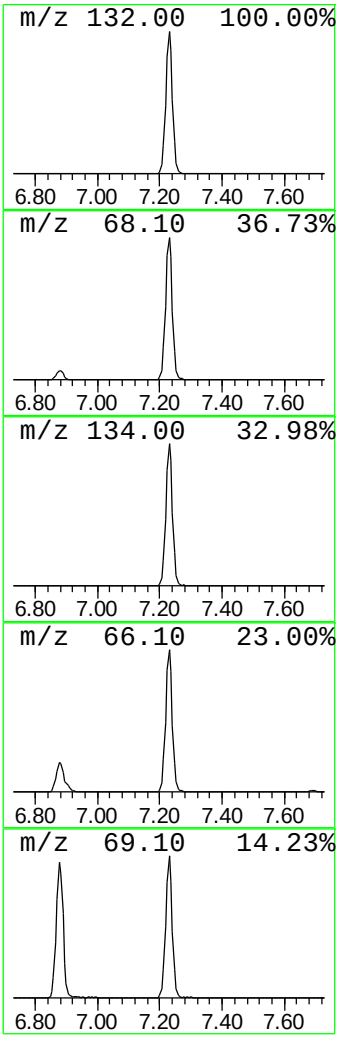
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	68.79 ng	1330550	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016326.D
Acq On : 10 Apr 2015 19:30
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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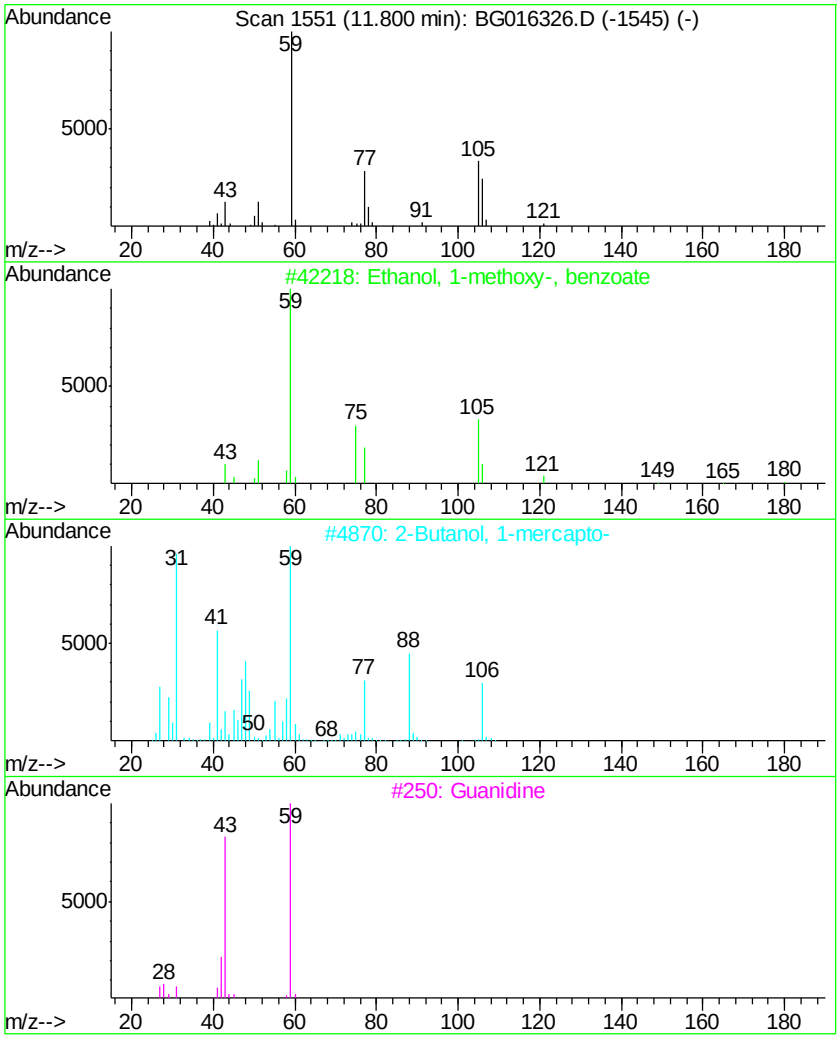
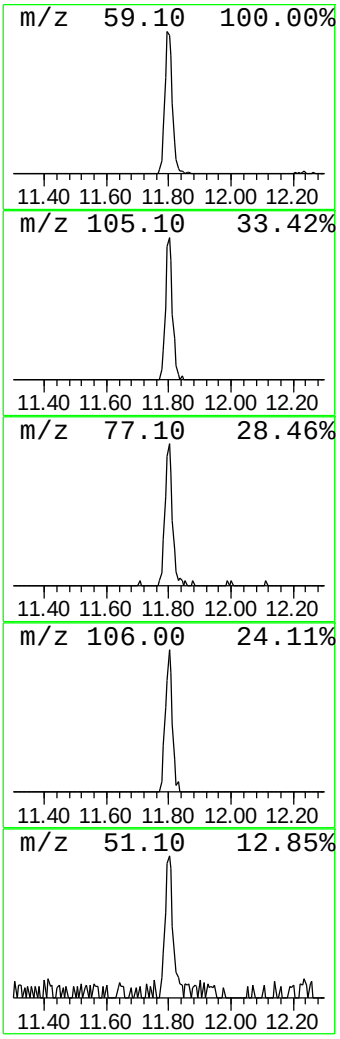
Peak Number 6 unknown11.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.27 ng	68339	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	45
2	2-Butanol, 1-mercapto-	106	C4H10OS	025807-94-7	9
3	Guanidine	59	CH5N3	000113-00-8	7
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	7
5	2-Butanone, 1-chloro-	106	C4H7ClO	000616-27-3	5





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016326.D
Acq On : 10 Apr 2015 19:30
Operator : TP/IZ
Sample : G1791-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD09C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

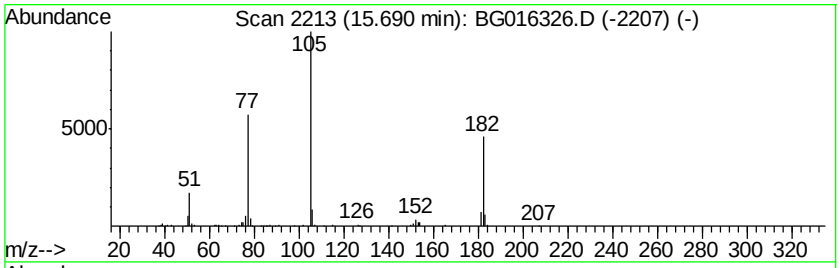
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

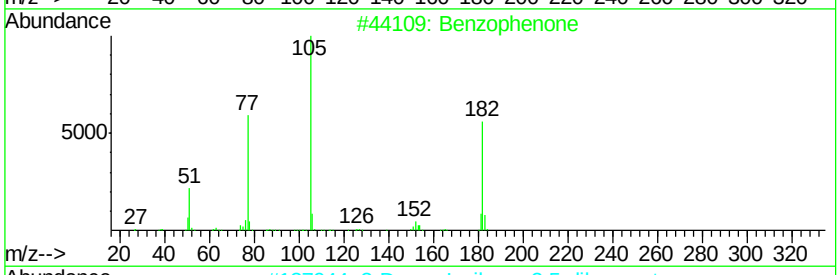
****

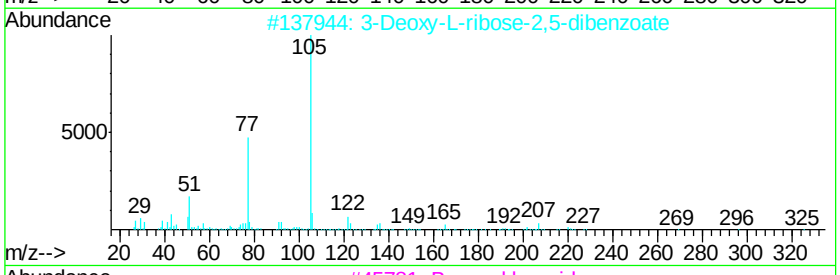
Peak Number 7 Benzophenone Concentration Rank 6

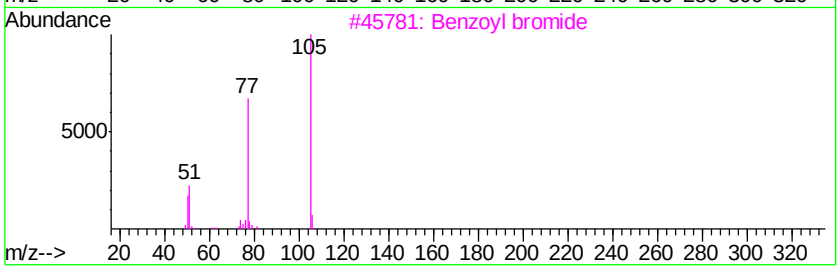
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	5.15 ng	217816	Acenaphthene-d10	14.33

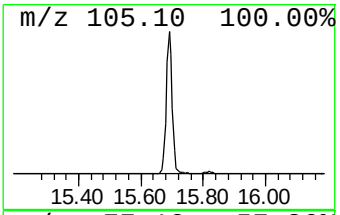
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	3-Deoxy-L-ribose-2,5-dibenzoate	342	C19H18O6	1000194-12-7	47
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4	Benzamide, N-(5-methyl-3-isoxazo...	202	C11H10N2O2	013053-85-5	47
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47

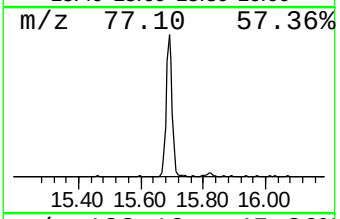


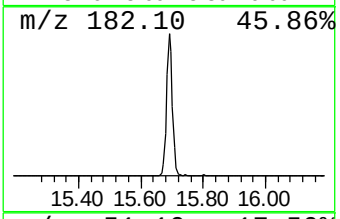


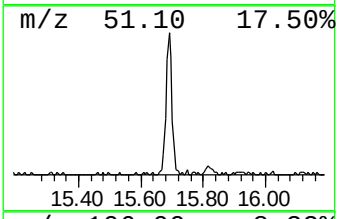


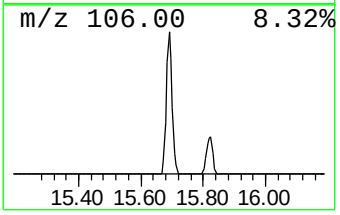












Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.87	5.2	ng	101283	1	7.69	386828	20.0
2-Pentanone, 4-hy...	4.81	7.7	ng	149485	1	7.69	386828	20.0
unknown7.23	7.23	68.8	ng	1330550	1	7.69	386828	20.0
unknown11.80	11.80	2.3	ng	68339	2	10.48	602791	20.0
Benzophenone	15.69	5.2	ng	217816	3	14.33	846525	20.0