LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
Data File : BG015901.D
Acq On : 20 Jan 2015 21:01
Operator : TP/IZ
Sample : G1101-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-20

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-BG012015.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	2.829	18	24	32	rBV	706852	1182760	8.91%	1.994%
2	2.905	32	37	50	rVB	4205461	5355388	40.33%	9.028%
3	4.815	356	362	367	rBV3	137603	206614	1.56%	0.348%
4	5.285	436	442	450	rBV	1000366	1427631	10.75%	2.407%
5	6.871	706	712	722	rVB	648364	1037828	7.82%	1.750%
6	7.224	765	772	779	rBV	2079297	3178845	23.94%	5.359%
7	7.688	845	851	857	rVB	564843	849387	6.40%	1.432%
8	8.005	898	905	912	rBV	1963561	3185186	23.99%	5.369%
9	8.845	1041	1048	1055	rBV	1863267	3059215	23.04%	5.157%
10	10.473	1318	1325	1332	rBV	762383	1203176	9.06%	2.028%
11	12.952	1739	1747	1755	rBV	4759182	6984826	52.61%	11.775%
12	14.333	1974	1982	1988	rBV	1248700	1847178	13.91%	3.114%
13	15.696	2208	2214	2219	rBV	174671	247171	1.86%	0.417%
14	15.825	2230	2236	2246	rBV	3935676	5618075	42.31%	9.471%
15	16.101	2278	2283	2287	rVB2	101589	138167	1.04%	0.233%
16	17.077	2442	2449	2455	rBV2	1818561	2621181	19.74%	4.419%
17	17.982	2600	2603	2610	rVB9	104910	140014	1.05%	0.236%
18	18.070	2612	2618	2624	rVB2	422840	591373	4.45%	0.997%
19	19.409	2843	2846	2851	rVB3	189856	220982	1.66%	0.373%
20	19.715	2891	2898	2903	rBV	10313170	13277707	100.00%	22.383%
21	20.455	3021	3024	3030	rBV3	210906	221610	1.67%	0.374%
22	20.978	3110	3113	3117	rBV5	134394	193019	1.45%	0.325%
23	21.266	3157	3162	3169	rBV	2562891	3437047	25.89%	5.794%
24	23.516	3538	3545	3553	rBV2	1584461	3096425	23.32%	5.220%

Sum of corrected areas: 59320805

LSC Report - Integrated Chromatogram

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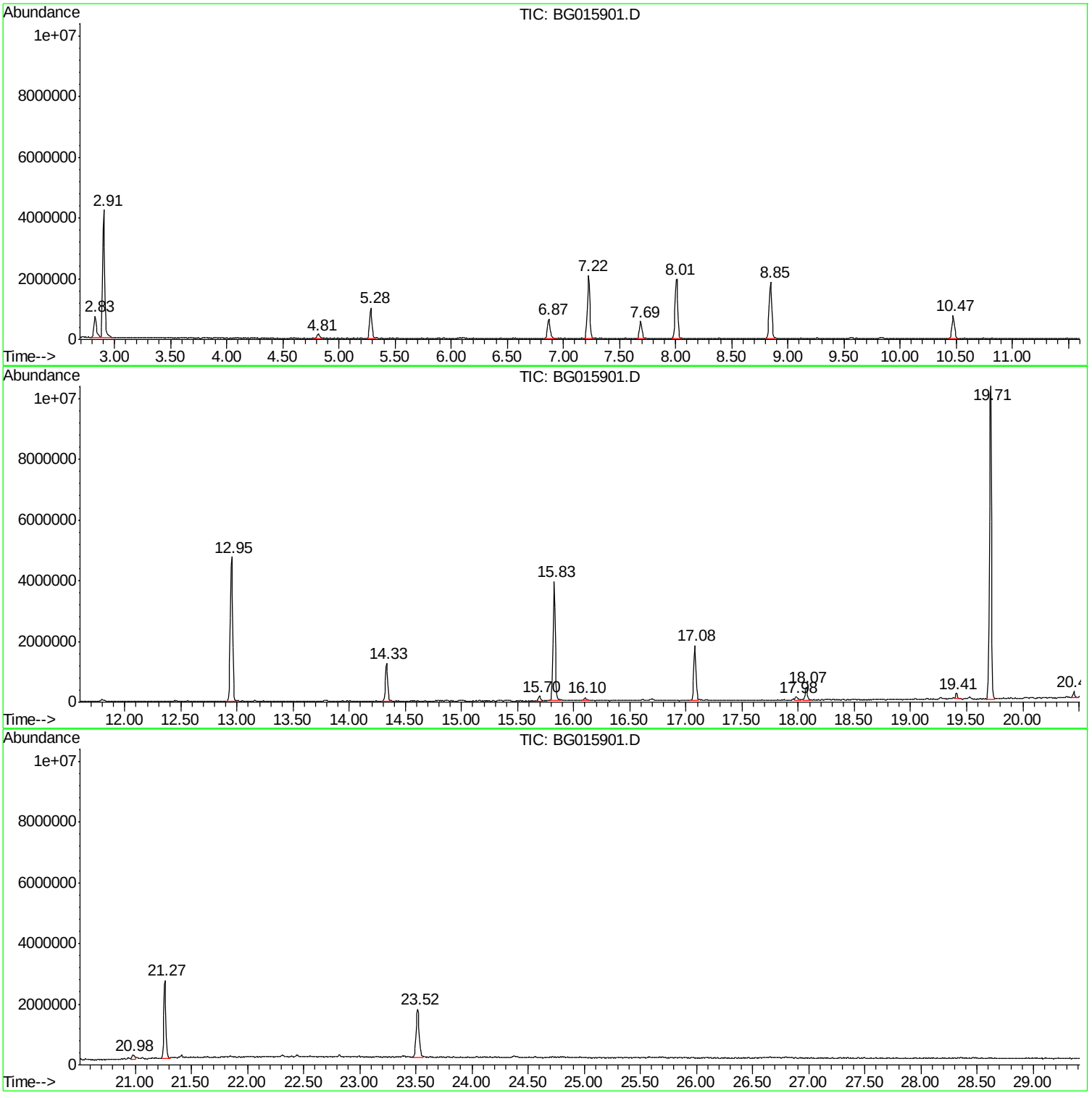
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TE-PMW-2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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\BG012015\
Data File : BG015901.D
Acq On : 20 Jan 2015 21:01
Operator : TP/IZ
Sample : G1101-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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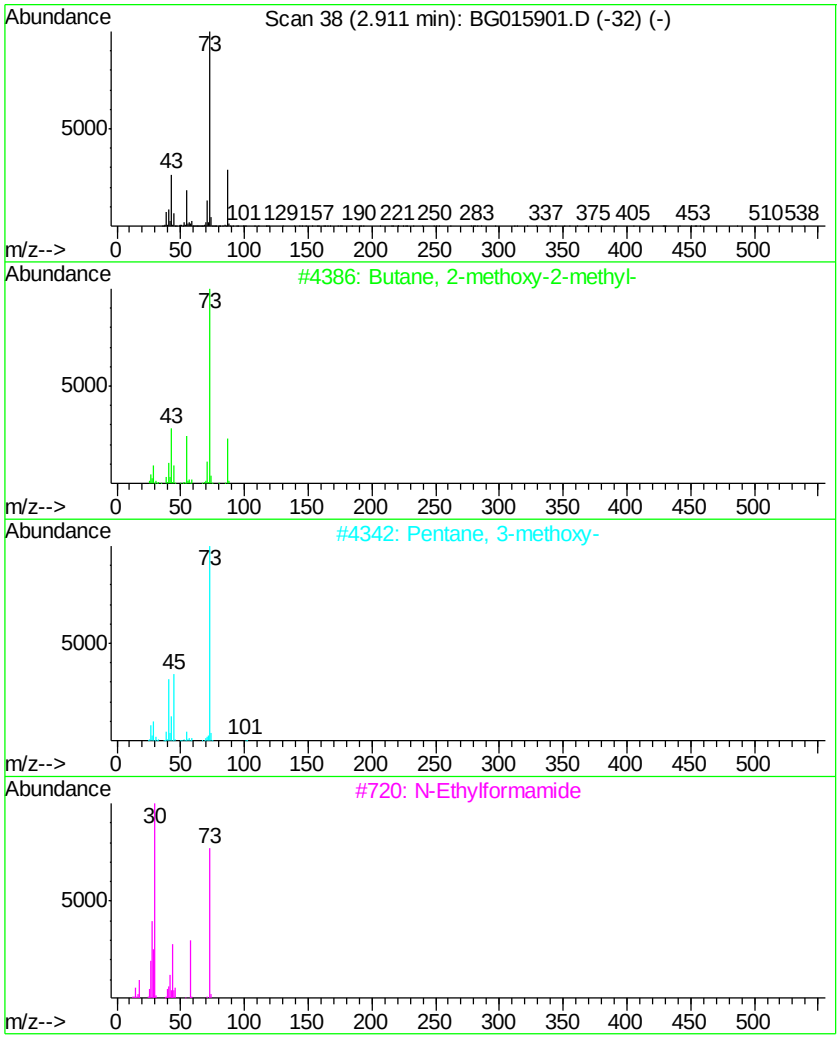
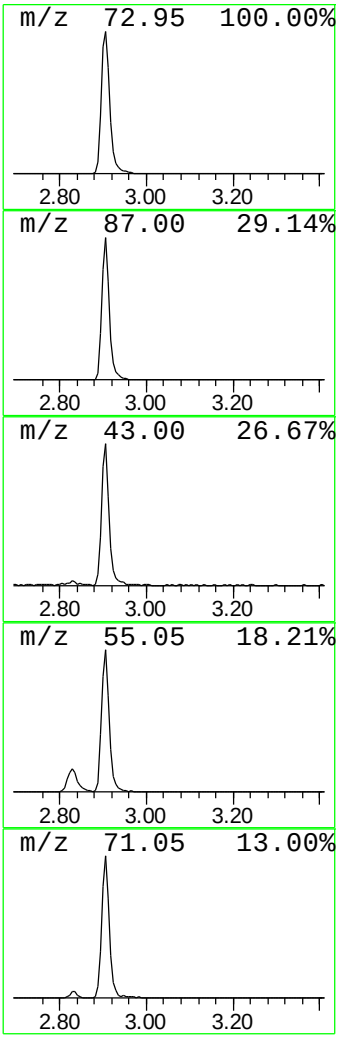
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	126.10 ng	5355390	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





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Data File : BG015901.D
Acq On : 20 Jan 2015 21:01
Operator : TP/IZ
Sample : G1101-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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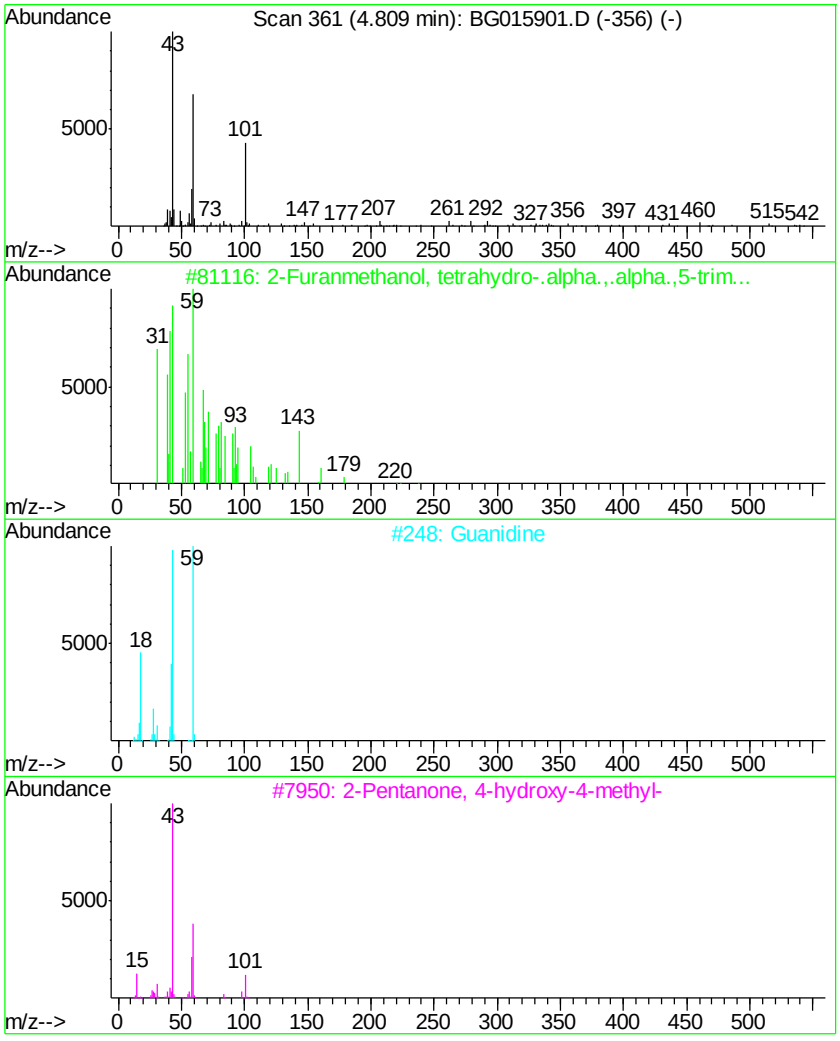
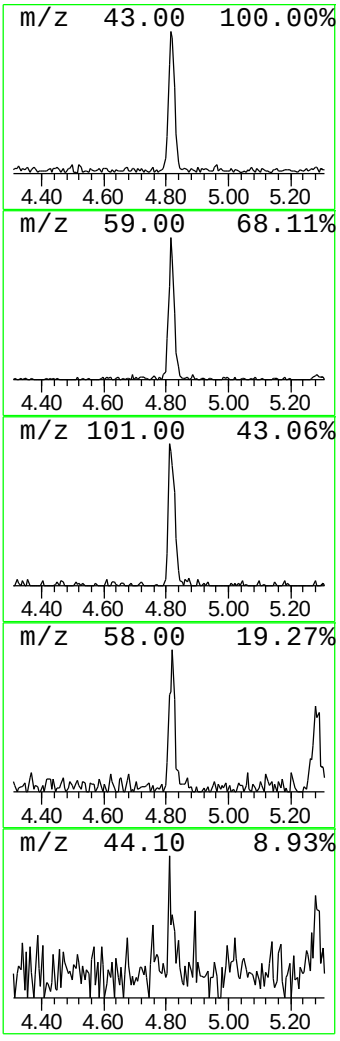
Peak Number 3 2-Furanmethanol, tetrahydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	4.87 ng	206614	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	50
2	Guanidine	59	CH5N3	000113-00-8	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50





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Data File : BG015901.D
Acq On : 20 Jan 2015 21:01
Operator : TP/IZ
Sample : G1101-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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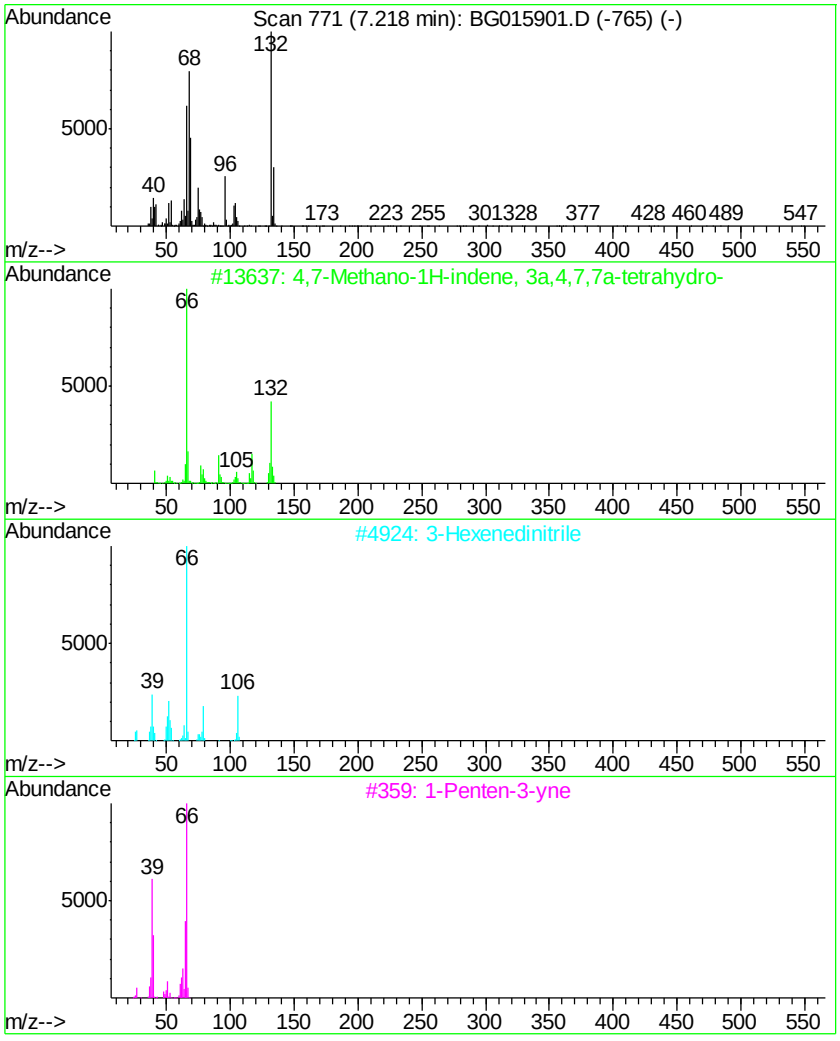
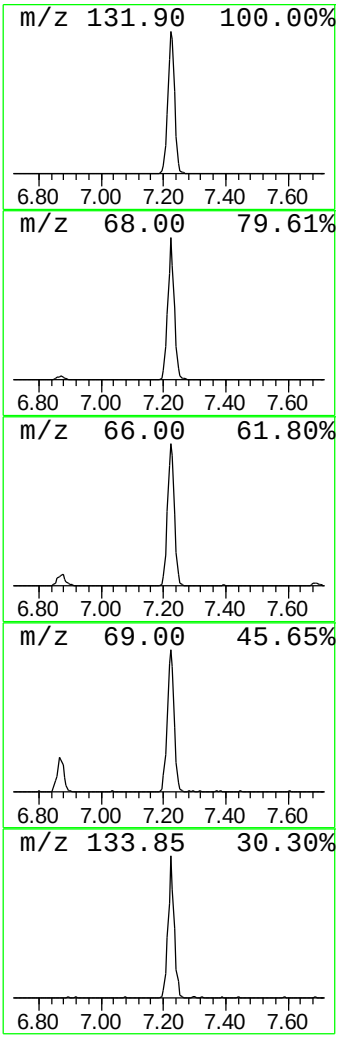
Peak Number 4 unknown7.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	74.85 ng	3178850	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	37
2	3-Hexenedinitrile	106	C6H6N2	001119-85-3	22
3	1-Penten-3-yne	66	C5H6	000646-05-9	22
4	1,2,5-Oxadiazol-3-amine, 4-nitro...	212	C4H4N8O3	1000277-41-1	16
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
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Operator : TP/IZ
Sample : G1101-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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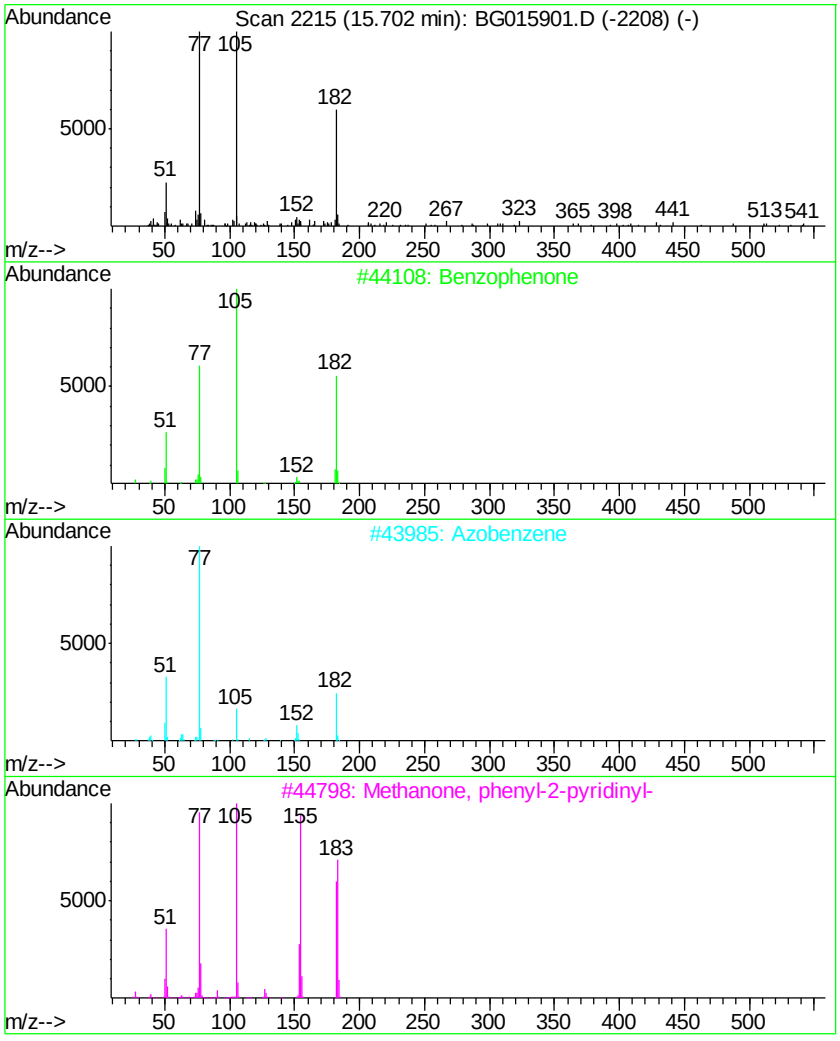
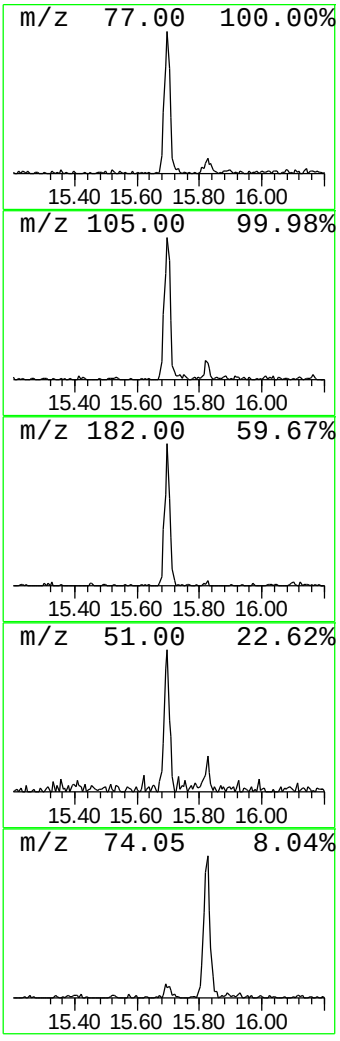
Peak Number 6 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.68 ng	247171	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Azobenzene	182	C12H10N2	000103-33-3	56
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	40
5	(Z)-Butenoic acid, 2-diphenylmet...	279	C18H17NO2	120238-59-7	40





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Operator : TP/IZ
Sample : G1101-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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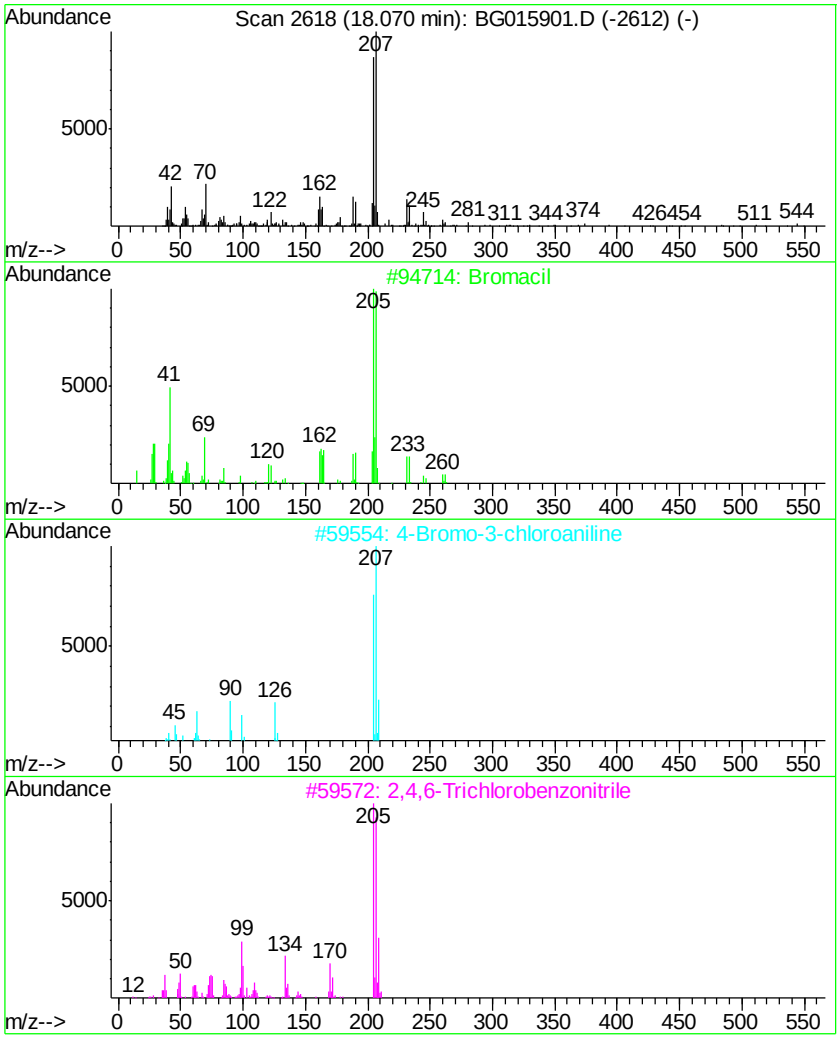
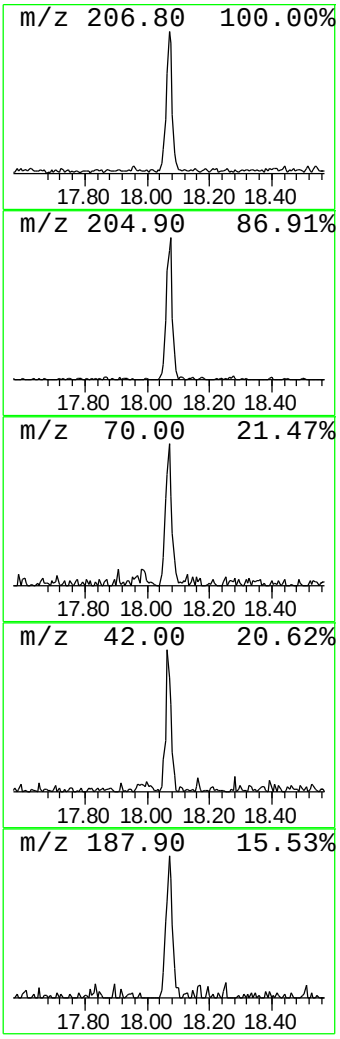
Peak Number 7 Bromacil Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.51 ng	591373	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	86
2	4-Bromo-3-chloroaniline	205	C6H5BrClN	021402-26-6	64
3	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	64
4	Benzenamine, 4-bromo-2-chloro-	205	C6H5BrClN	038762-41-3	50
5	2-Amino-4-hydroxy-6,7,8-trimethy...	205	C9H11N5O	013045-86-8	41





Tentatively Identified Compound (LSC) summary

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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...	2.91	126.1	ng	5355390	1	7.69	849387	20.0
2-Furanmethanol, ...	4.81	4.9	ng	206614	1	7.69	849387	20.0
unknown7.22	7.22	74.8	ng	3178850	1	7.69	849387	20.0
Benzophenone	15.70	2.7	ng	247171	3	14.33	1847180	20.0
Bromacil	18.07	4.5	ng	591373	4	17.08	2621180	20.0