LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030923.D
Acq On : 11 Nov 2017 1:29
Operator : SJ/JU
Sample : I6383-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2-GARAGE-BACK

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-BG111017.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	5.218	323	328	340	rVB	90821	144113	4.74%	0.981%
2	5.700	404	410	426	rBV	508369	846708	27.87%	5.761%
3	7.309	676	684	695	rBV	523145	963043	31.70%	6.553%
4	7.680	739	747	755	rBV	511381	923180	30.39%	6.282%
5	8.144	819	826	833	rBV	140377	246361	8.11%	1.676%
6	8.467	874	881	891	rBB	359901	643472	21.18%	4.378%
7	9.307	1017	1024	1037	rBV	286086	546026	17.98%	3.715%
8	10.958	1298	1305	1318	rBV	180732	352012	11.59%	2.395%
9	12.268	1518	1528	1538	rBV	22529	44523	1.47%	0.303%
10	13.385	1711	1718	1728	rBV	910763	1500170	49.39%	10.208%
11	14.213	1854	1859	1869	rBV2	17248	34178	1.13%	0.233%
12	14.765	1946	1953	1966	rVB2	348579	566588	18.65%	3.855%
13	16.105	2176	2181	2194	rBV	178676	275679	9.08%	1.876%
14	16.246	2199	2205	2217	rBV	928886	1460797	48.09%	9.940%
15	17.503	2412	2419	2432	rVB2	507274	814338	26.81%	5.541%
16	20.095	2854	2860	2868	rBV	2292196	3037587	100.00%	20.669%
17	21.387	3075	3080	3091	rBV7	22995	62190	2.05%	0.423%
18	21.775	3139	3146	3155	rBV2	658274	1121101	36.91%	7.628%
19	25.083	3698	3709	3726	rVB2	374231	1114578	36.69%	7.584%

Sum of corrected areas: 14696644

LSC Report - Integrated Chromatogram

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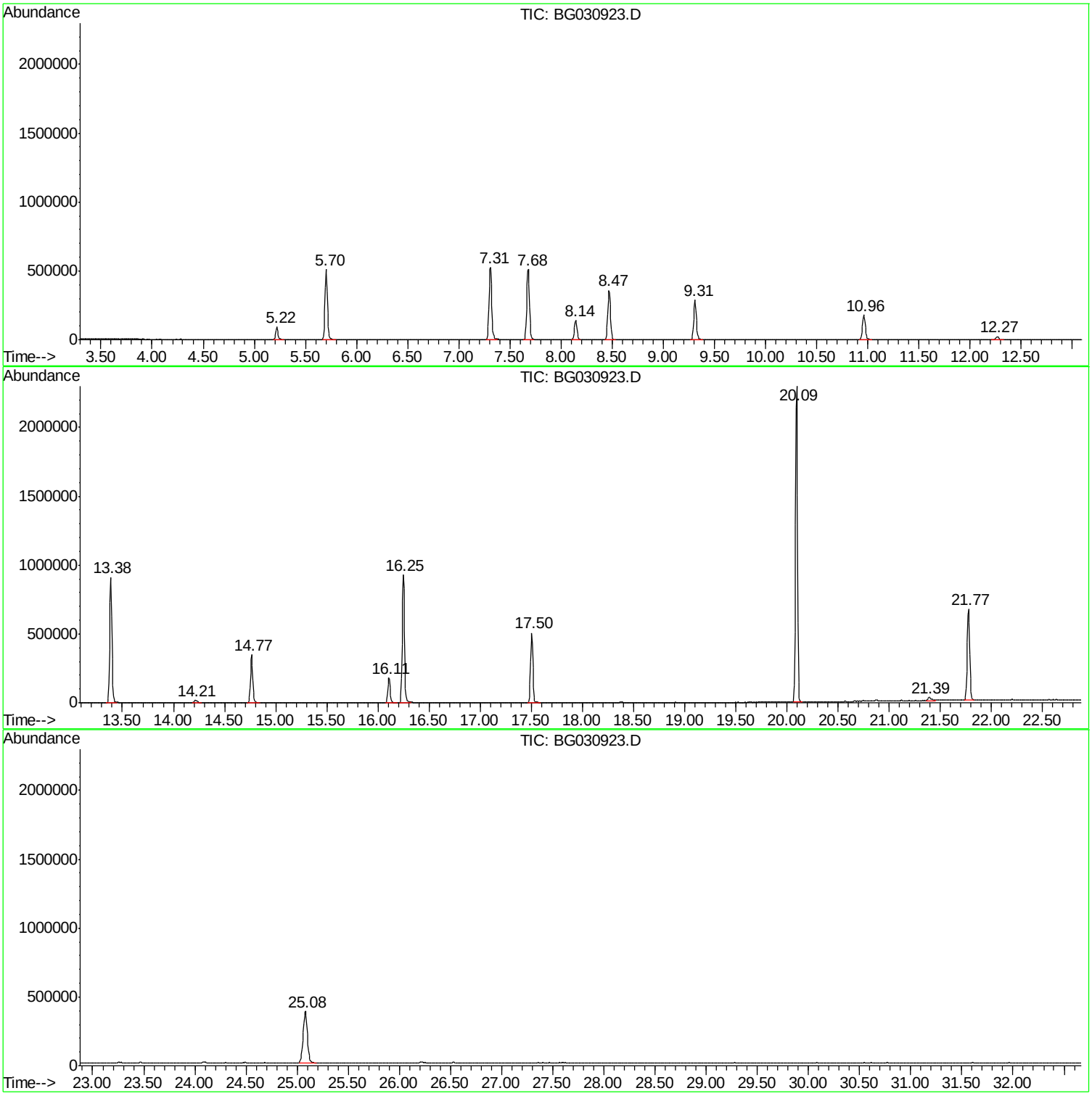
Operator : SJ/JU
Sample : I6383-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB2-GARAGE-BACK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030923.D
Acq On : 11 Nov 2017 1:29
Operator : SJ/JU
Sample : I6383-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2-GARAGE-BACK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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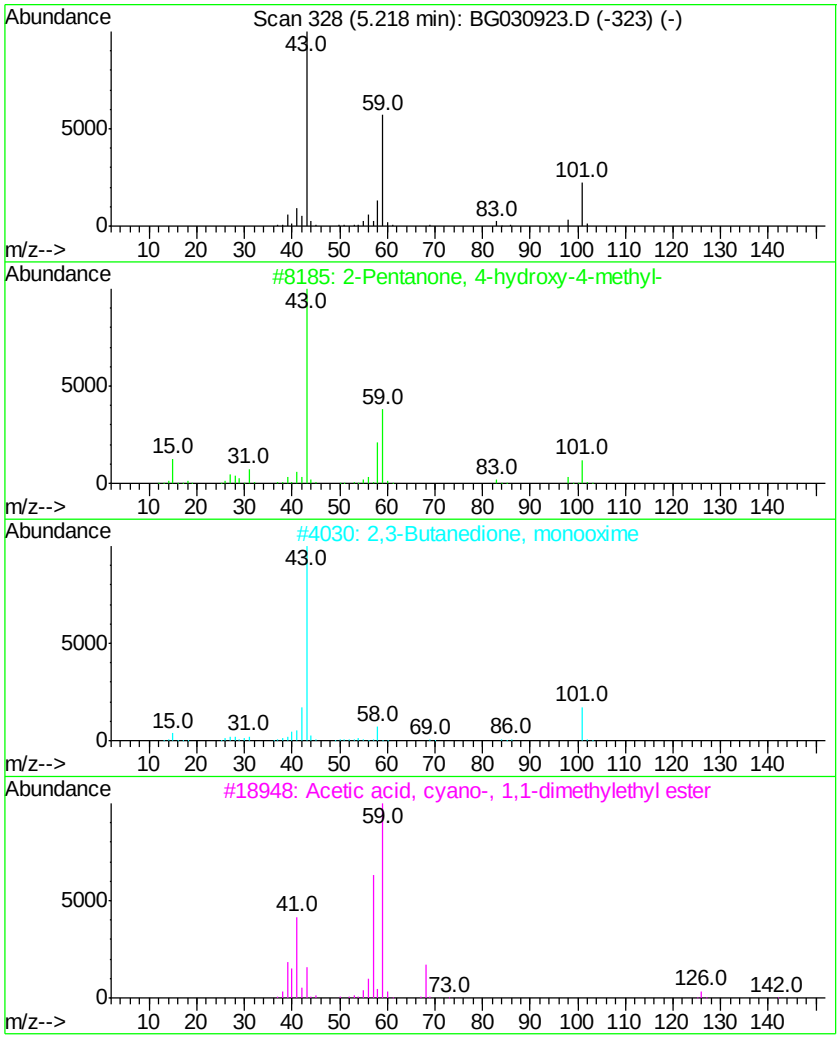
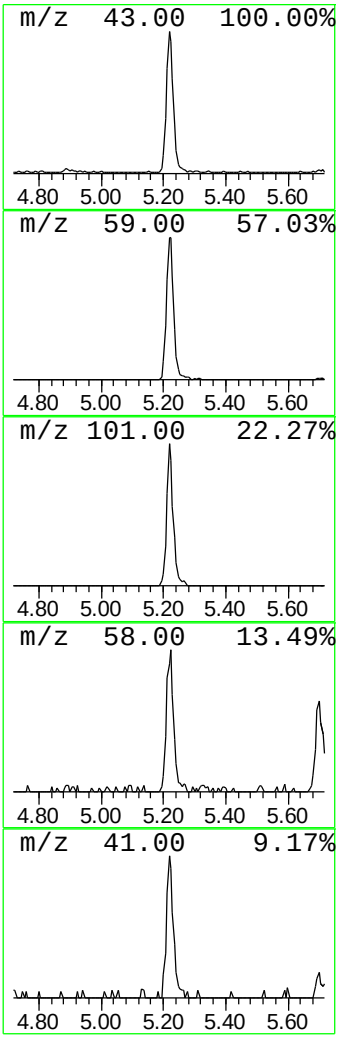
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	11.70 ng	144113	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2-GARAGE-BACK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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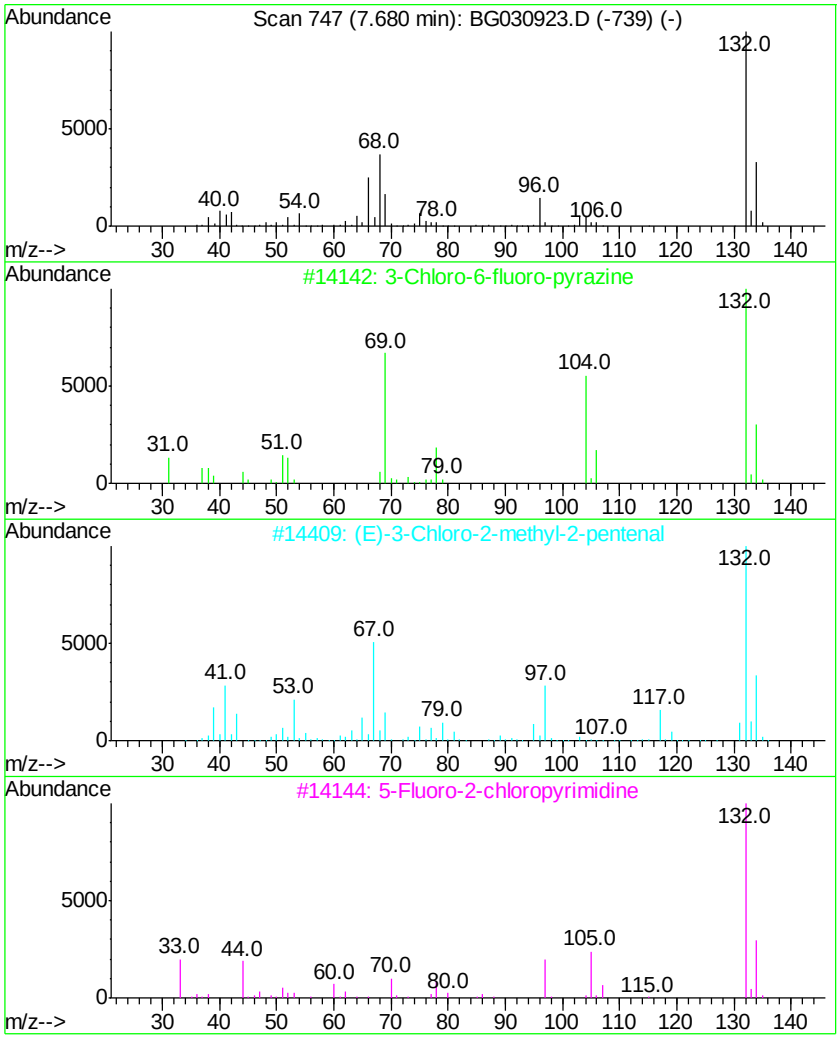
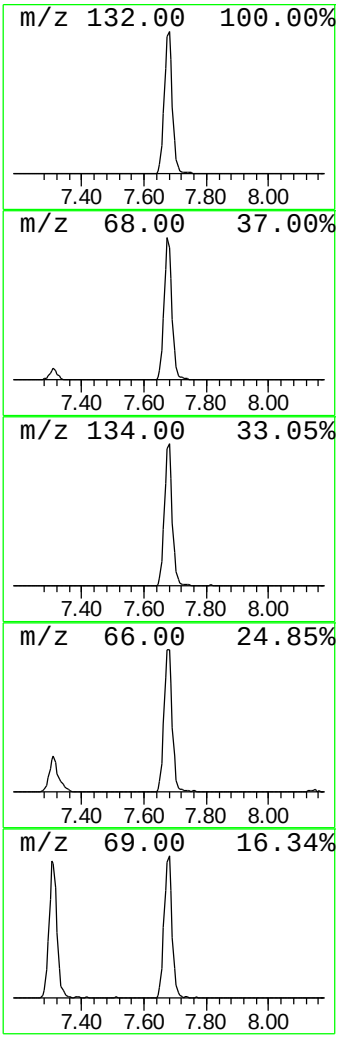
Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	74.95 ng	923180	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Data File : BG030923.D
Acq On : 11 Nov 2017 1:29
Operator : SJ/JU
Sample : I6383-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2-GARAGE-BACK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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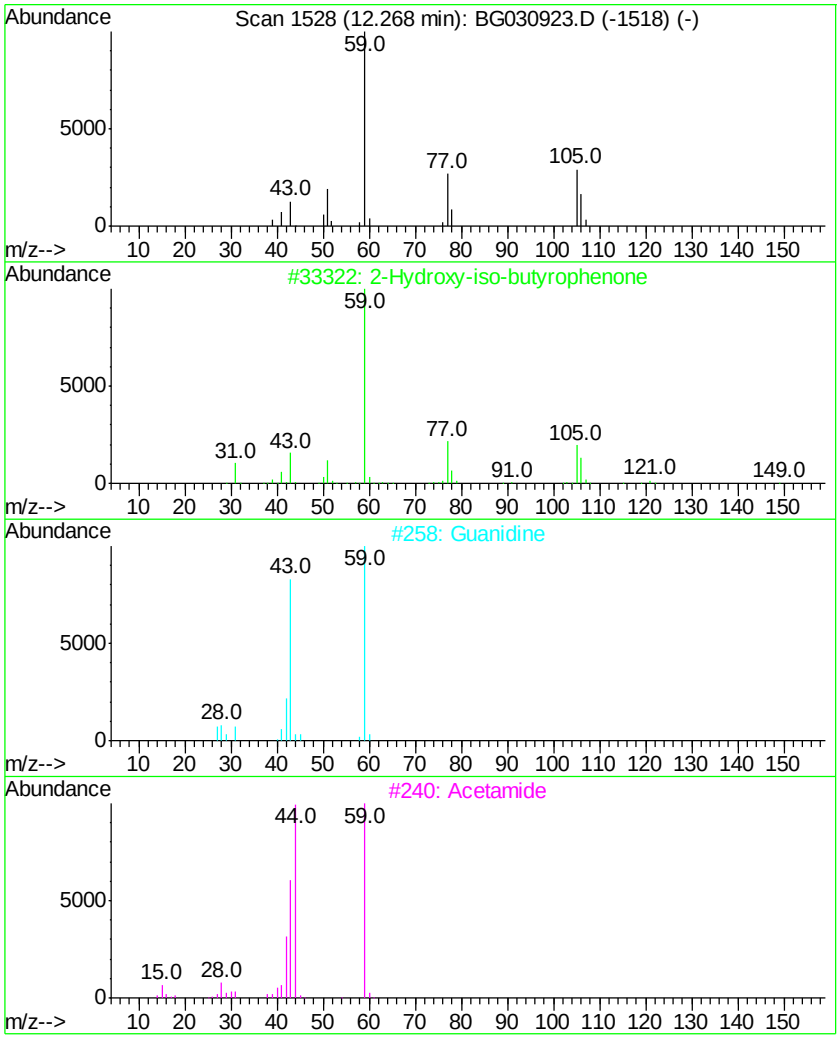
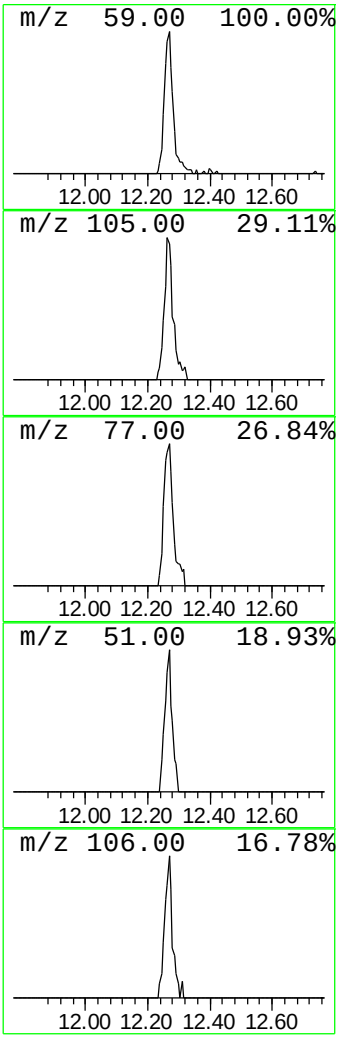
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.53 ng	44523	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	83
2	Guanidine	59	CH5N3	000113-00-8	7
3	Acetamide	59	C2H5NO	000060-35-5	5
4	Propylamine	59	C3H9N	000107-10-8	4
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	4





Library Search Compound Report

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Operator : SJ/JU
Sample : I6383-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2-GARAGE-BACK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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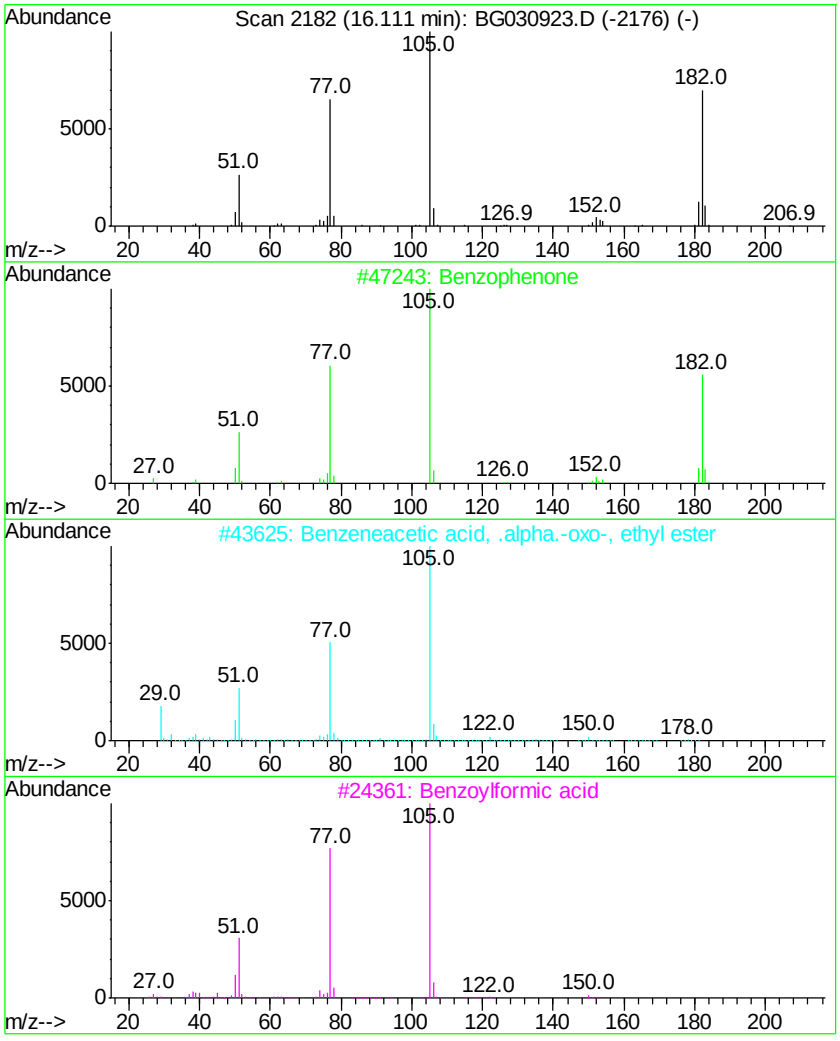
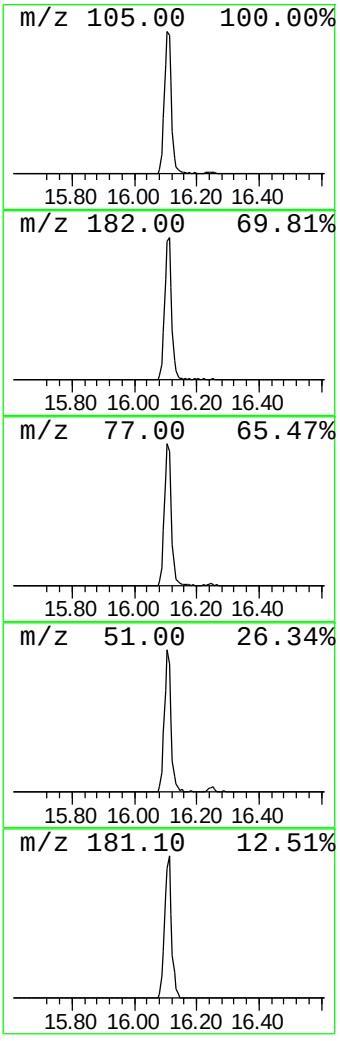
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	9.73 ng	275679	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
3	Benzoylformic acid	150	C8H6O3	000611-73-4	47
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG111017\
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Operator : SJ/JU
Sample : I6383-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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...	5.22	11.7	ng	144113	1	8.14	246361	20.0
unknown7.68	7.68	75.0	ng	923180	1	8.14	246361	20.0
2-Hydroxy-iso-but...	12.27	2.5	ng	44523	2	10.96	352012	20.0
Benzophenone	16.11	9.7	ng	275679	3	14.77	566588	20.0