

Atmospheric Analysis & Consulting, Inc.

Client : SWAPE.
Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessment
Client Project No. : NA
AAC Project No. : 130456
Reporting Date : 04/22/2013

On April 17 and 18, 2013, Atmospheric Analysis & Consulting, Inc. received five (5) sorbent tube samples for Ammonia Analysis by OSHA ID-188. Upon receipt the samples were assigned unique Laboratory ID numbers as follows:

Client Sample ID	AAC Sample ID
BZ-1-Ammonia	130456-62451
F-1-Ammonia	130456-62460
F-2-Ammonia	130456-62469
F-3-Ammonia	130456-62478
Trip Blank	130456-62488

IC Analysis - Up to a 4 ml aliquot of the sample is injected into the DIONEX IC for Ammonia analysis.

All sample values were blank corrected using the Trip Blank value for Ammonia. The Trip Blank value was calculated using a sample volume of 1.0Liter.

No other problems were encountered during receiving, preparation, and/ or analysis of these samples. The test results included in this report meet all requirements of the NELAC Standards and/or AAC SOP# OSHAID188.01.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. The Laboratory Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy data package.

If you have any questions or require further explanation of data results, please contact the undersigned.

Marcus Hueppe
Laboratory Director

This report consists of 35 pages.



LA# 130456

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Amended

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE
 Project Manager: PAUL ROSENFELD, PH.D.

Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011

Address:

1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401

Project Name and Location:

BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT

Sampled By:

Sampler Signature:

REQUESTED TESTS / ANALYSES

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Carbonyls - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation	
62447	BZ-1 - Canister		4/16/13	15:48	X	X								X				1 SUMMONA
62448	- DMPH			15:56			X											1 TUBE
62449	- Ac:di			16:01			X											1 TUBE
62450	- HCL			16:02				X										1 TUBE
62451	- Ammonia			15:55					X									1 TUBE
62452	- SO2			16:00						X								1 TUBE
62453	- HCN			16:03							X							1 TUBE
62454	- Amines			15:54								X						1 TUBE
62455	- Mercury			15:58												X		1 TUBE

Special Instructions / Conditions of Receipt

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By:	Date: 4/17/12	Time:	Received By:	Date: 4/17/13	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

SOIL / WATER / AIR PROTECTION ENTERPRISE

ALC# 130456

*Amended **

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE
 Project Manager: PAUL ROSENFELD, PH.D.
 Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401
 Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT

Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011

Requested Tests / Analyses

Requested Tests / Analyses

Date: 4/17/13 Page 2 of 4

Sampled By: [Signature]
 Sampler Signature: [Signature]

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Carbonyls - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation	Special Instructions / Conditions of Receipt
62456	F-1 - Canister		4/16/13	13:12	X	X								X				1 SUMMIT
62457	- DPH			13:36			X											1 TUBE
62458	- ACIDS			13:30				X										1 TUBE
62459	- HCL			13:34					X									1 TUBE
62460	- Ammonia			13:28						X								1 TUBE
62461	- SO2			13:39							X							1 TUBE
62462	- HCN			13:22								X						1 TUBE
62463	- Amines			13:17									X					1 TUBE
62464	- Mercury			13:24												X		1 TUBE

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[Signature]	4/17/13		[Signature]	4/17/13	0920
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

SOIL / WATER / AIR PROTECTION ENTERPRISE

AA # 130956

Amended

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE
 Project Manager: PAUL ROSENFELD, PH.D.
 Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401
 Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011
 Date: 4/17/12 Page 3 of 4

Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT
 Sampled By: _____
 Sampler Signature: _____

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Carbonyls - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-18B	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation	Special Instructions / Conditions of Receipt
62465	F-2 - Cariston		4/16/12	14:12	X	X	X							X				1 SUMMA TUBE
62466	- DPH			14:23			X											1 TUBE
62467	- Acids			14:19			X											1 TUBE
62468	- HCN			14:39				X										1 TUBE
62464	- Ammonia			14:45				X										1 TUBE
62470	- SO2			14:31				X										1 TUBE
62471	- HCN			14:34				X										1 TUBE
62472	- Amines			14:50				X										1 TUBE
62473	- Mercury			14:43								X						1 TUBE

Requested Turnaround Time: Standard turnaround for all analyses. If possible deliver report within 2 weeks.
 QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: [Signature] Date: 4/17/12 Time: _____
 Received By: [Signature] Date: 4/17/12 Time: _____
 Relinquished By: [Signature] Date: _____ Time: _____
 Received By: [Signature] Date: 4/17/12 Time: 5:40

SOIL / WATER / AIR PROTECTION ENTERPRISE

AA# 130956

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

*Amended **

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE				Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011														
Project Manager: PAUL ROSENFELD, PH.D.				REQUESTED TESTS / ANALYSES														
Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401																		
Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT				Special Instructions / Conditions of Receipt														
Sampled By:		Sampler Signature:		Date: 4/17/13 Page 4 of 4														
LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Carbonyls - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation	
62474	F-3 - Canister		4/16/13	15:30	X	X								X				1 SUMMA
62475	- DNPH			15:20			X											1 TUBE
62476	- Acids			15:14			X											1 TUBE
62477	- HCL			15:10				X										1 TUBE
62478	- Ammonia			15:02				X										1 TUBE
62479	- SO2			15:20				X										1 TUBE
62480	- HCN			15:06					X									1 TUBE
62481	- Amines			15:29						X								1 TUBE
62482	- Mercury			15:18								X						1 TUBE
Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.				QC Requirements: Provide Level IV QC Package for all Analyses.														
Relinquished By:		Date: 4/17/13		Time:		Received By:		Date: 4/17/13		Time:		Received By:		Date: 4/17/13		Time: 0940		

SOIL / WATER / AIR PROTECTION ENTERPRISE

ALC# 130456

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER / AIR PROTECTION ENTERPRISE
 Project Manager: PAUL ROSENFELD, PH.D.
 Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401
 Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT
 Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011
 Date: 4/17/13 Page 1 of 1

Requested Tests / Analyses

VOCS - EPA TO-15	
Reduced Sulfur Compounds - ASTM D5504	
Carbonyls - EPA TO-11A	X
Carboxylic Acids - Tube GC-MS	
HCL - NIOSH 7903	
Ammonia - OSHA ID-188	X
SO2 - OSHA ID-200	
HCN - NIOSH 6010	
Amines - NIOSH 2010M	X
Fixed Gases - EPA 3C	
PAHs / Dioxins EPA TO-13A / 9A	
Mercury - NIOSH 6009	
Odor Evaluation	

Special Instructions / Conditions of Receipt

LAB ID	SAMPLE ID NUMBER	Type	Date	Time
62486	ALDEHYDES		4/17/13	
62487	AMINES			
62488	AMMONIA			
62489	CARBOXYLIC ACIDS			
62490	HYDROGEN CHLORIDE			
62491	HYDROGEN CYANIDE			
62492	MERCURY			
62493	SULFUR DIOXIDE			

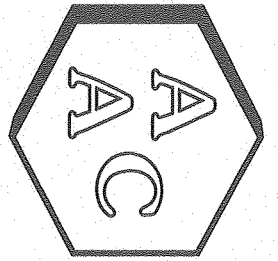
Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.
 QC Requirements: Provide Level IV QC Packages for all Analyses.

Relinquished By: John Black Date: 4/17/13 Time: 4 PM
 Relinquished By: [Signature] Date: 4/18/13 Time: 1235

SOIL / WATER / AIR PROTECTION ENTERPRISE

-EXPX

Results



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report Cation Analysis by IC

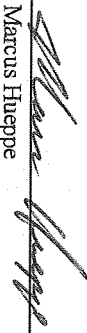
Client : SWAPE
Client Project Name : Bridgeport Sanitary Landfill Air Quality Assessment
AAC Project No. : 130456
Analyst : EG/HP
Units : ug/sample and ug/m³

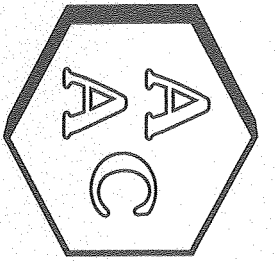
Sampling Date : 04/16/2013
Receiving Date : 04/17/2013
Analysis Date : 04/19/2012
Reporting Date : 04/22/2012

Ammonia Analysis by OSHA Method ID-188

Client Sample ID	AAC Sample ID	Sample Volume (ml)	Analysis DF	Ammonia (ug/sample)	Sample Reporting Limit (ug/sample)	Ammonia (ug/m ³)	Sample Reporting Limit (ug/m ³)
BZ-1-Ammonia	130456-62451	10.0	5	<SRL	4.72	<SRL	182
F-1-Ammonia	130456-62460	10.0	5	<SRL	4.72	<SRL	3900
F-2-Ammonia	130456-62469	10.0	5	<SRL	4.72	<SRL	4140
F-3-Ammonia	130456-62478	10.0	5	<SRL	4.72	<SRL	4030
Trip Blank	130456-62488	10.0	5	<SRL	4.72	<SRL	4720

<SRL-compound was analyzed for but not detected at or above the SRL (Sample Reporting Limit)
All sample values were blank corrected using the Trip Blank value for Ammonia
The Trip Blank value was calculated using a sample volume of 1.0 Liters


Marcus Hueppe
Laboratory Director



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report Cation Analysis by IC

Client : SWAPE
Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessor Receiving Date : 04/17/2013
AAC Project No. : 130456
Analyst : EG/HP
Units : ppbv
Reporting Date : 04/22/2012
Sampling Date : 04/16/2013
Analysis Date : 04/19/2012


Ammonia Analysis by OSHA Method ID-188

Client Sample ID	AAC Sample ID	Sample Volume (ml)	Analysis DF	Ammonia (ppbv)	Sample Reporting Limit (ppbv)
BZ-1-Ammonia	130456-62451	10.0	5	<SRL	261
F-1-Ammonia	130456-62460	10.0	5	<SRL	5600
F-2-Ammonia	130456-62469	10.0	5	<SRL	5950
F-3-Ammonia	130456-62478	10.0	5	<SRL	5790
Trip Blank	130456-62488	10.0	5	<SRL	6780

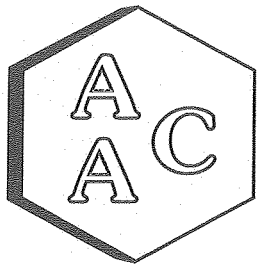
<SRL-compound was analyzed for but not detected at or above the SRL (Sample Reporting Limit)

All sample values were blank corrected using the Trip Blank value for Ammonia

The Trip Blank value was calculated using a sample volume of 1.0 Liters


Marcus Hueppe
Laboratory Director

QA/QC Summary



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report OSHA Method ID-188

Analysis Date : 04/19/2013
Analyst : HP/EG

Instrument ID : DIONEX IC #1

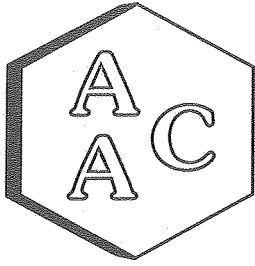
Calibration Verification of the 04/16/2013 Calibration

Sample ID	Analyte	Theoretical Concentration (ug/mL)	Practical Concentration (ug/mL)	Percent Recovery (%)*
Opening CV	Ammonium	25.0	24.8	99.3
Continuing CV	Ammonium	25.0	24.5	98.0
Closing CV	Ammonium	25.0	25.0	100
Second Source	Ammonium	25.0	24.9	99.5

* Must be 85-115%

Marcus Hueppe
Laboratory Director





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL/ASSURANCE REPORT

OSHA Method ID-188

Analysis Date : 04/19/2013
 Analyst : HP/EG

Instrument ID : DIONEX IC #1

Method Blank Analysis

Analyte	Concentration (ug/mL)	Reporting Limit (ug/mL)
Ammonium	<RL	0.100

Laboratory Control Spike Analysis

Analyte	Theoretical Sample Concentration (ug/mL)	Theoretical Spike Concentration (ug/mL)	Lab Spike Concentration (ug/mL)	Duplicate Lab Spike Concentration (ug/mL)	Spike Recovery (%)**	Duplicate Spike Recovery (%)**	%RPD****
Ammonium	0.000	12.5	12.6	12.4	100	99.4	1.0

Matrix Spike Analysis [Sample 130456-62488x5]

Analyte	Theoretical Sample Concentration (ug/mL)	Theoretical Spike Concentration (ug/mL)	Matrix Spike Concentration (ug/mL)	Duplicate Matrix Spike Concentration (ug/mL)	Spike Recovery (%)***	Duplicate Spike Recovery (%)***	%RPD****
Ammonium	0.000	12.5	12.6	12.5	101	100	0.7

Duplicate Sample Analysis

Sample ID	Analyte	Result (ug/mL)	Duplicate Result (ug/mL)	%RPD*	DF
130456-62488x5	Ammonium	<SRL	<SRL	NA	5
130456-62460x5	Ammonium	0.120	0.120	0.0	5

- * Must be <10%
- ** Must be 85-115%
- *** Must be 75-125%
- **** Must be < 25%

 Marcus Hueppe
 Laboratory Director



Calibration Summary

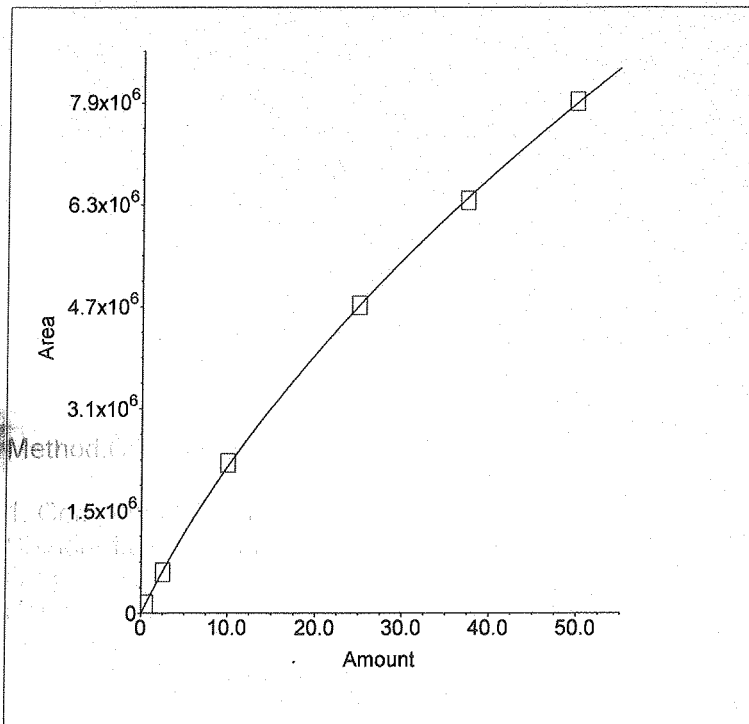
1. Component:Ammonium

Standard:External Fit Type:Quadratic

Origin:Force Calibration:Area

$r^2=0.999891$

$$\text{Amt}=3.425992\text{e-}013*\text{Resp}^2+3.614102\text{e-}006*\text{Resp}+0$$



Raw Data

Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_001.DXD

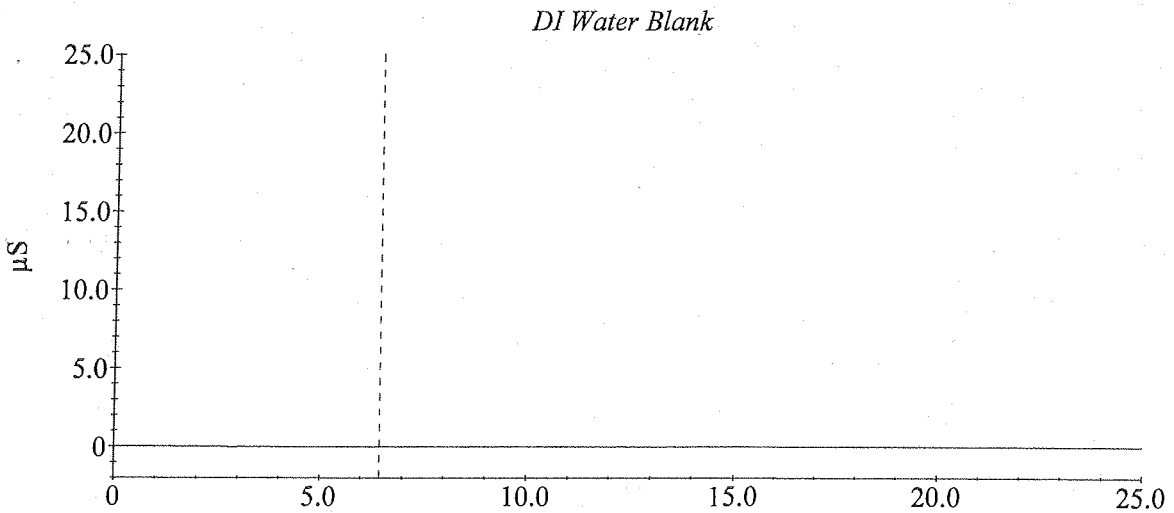
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 10:43:50 AM

System Operator : HP/EG

Peak Information All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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Sample Analysis Report

Sample Name : CCV 25ug/mL SS0619x16

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_002.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

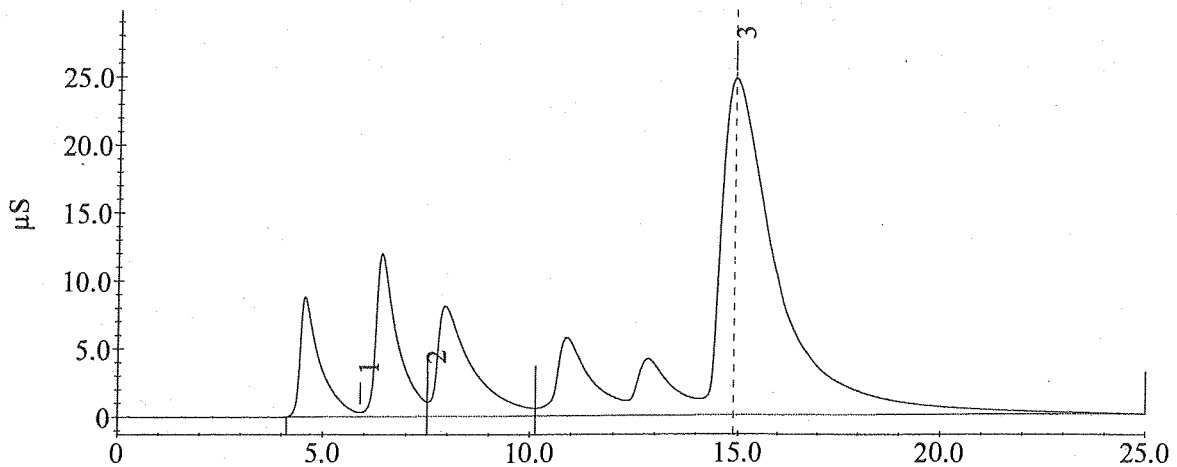
Date Time Collected : 4/19/2013 11:09:06 AM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	5.90	0.00	7244149	2988
2	Ammonium	7.52	24.83	4740173	10725
3	Unknown 2	14.89	0.00	29819386	246578

CCV 25ug/mL SS0619x16



HP
04/19/13

Sample Analysis Report

Sample Name : SS 25ug/ml SS0646x40

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIAA_003.DXD

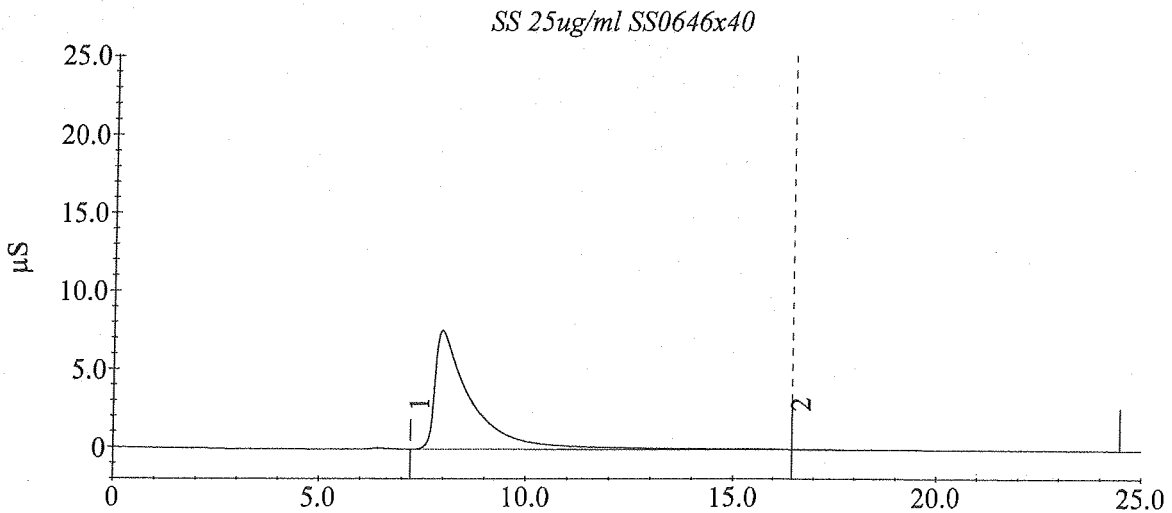
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 11:34:25 AM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.20	24.87	4745397	0
2	Unknown 1	16.48	0.00	50356	342



HP
04/19/13

Sample Analysis Report

Sample Name : Method Blank

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_004.DXD

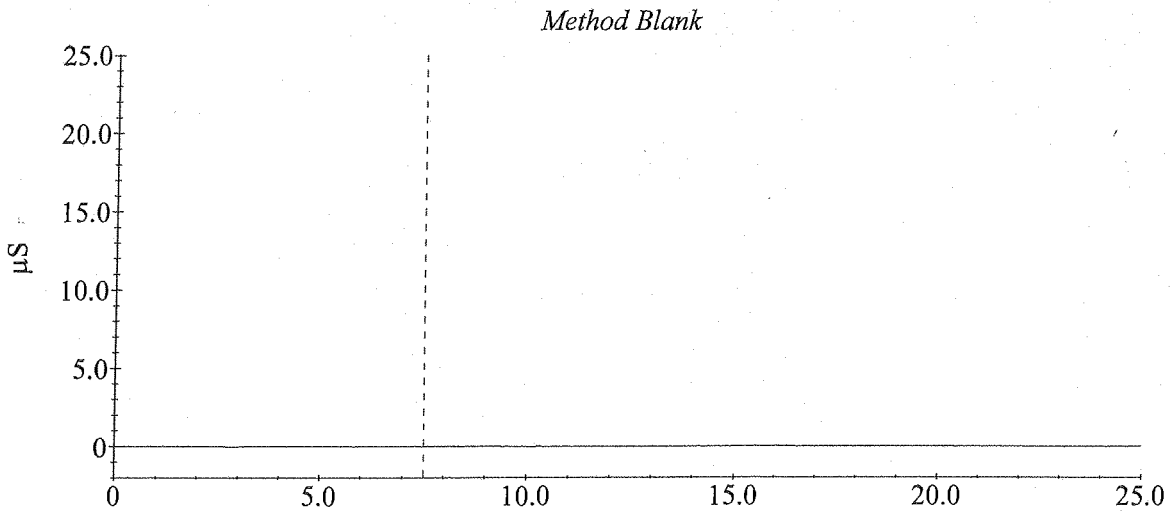
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 12:18:55 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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DC
04/19/13

Sample Analysis Report

Sample Name : LCS 12.5ug/ml SS0619x32

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_005.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

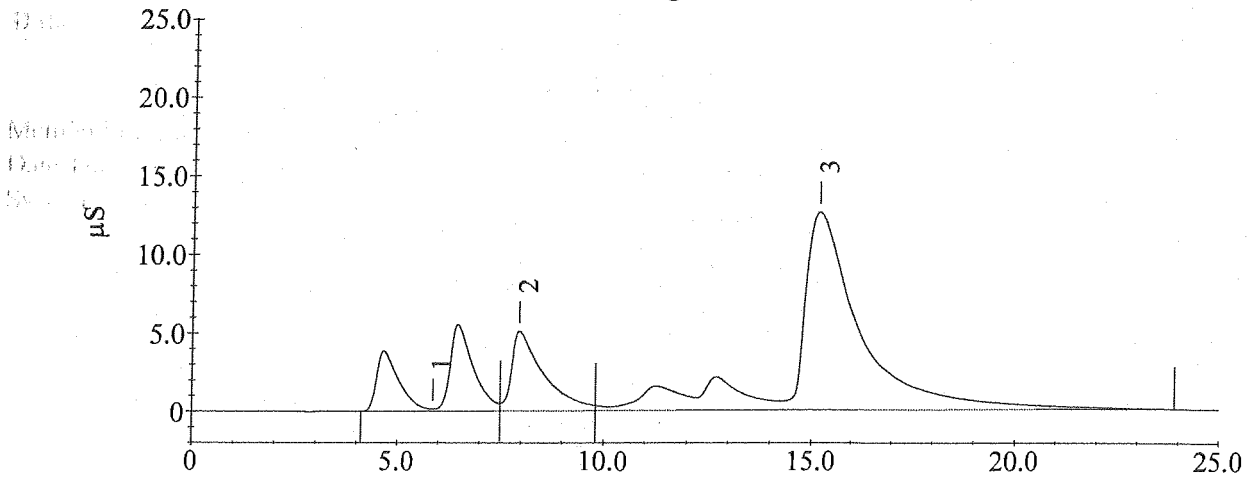
Date Time Collected : 4/19/2013 12:44:15 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	5.87	0.00	3596708	1390
2	Ammonium	7.95	12.56	2754774	50772
3	Unknown 2	15.17	0.00	14546728	125871

LCS 12.5ug/ml SS0619x32



EG
C4/19/13

Sample Analysis Report

Sample Name : LCSD 12.5ug/ml SS0619x32

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_006.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

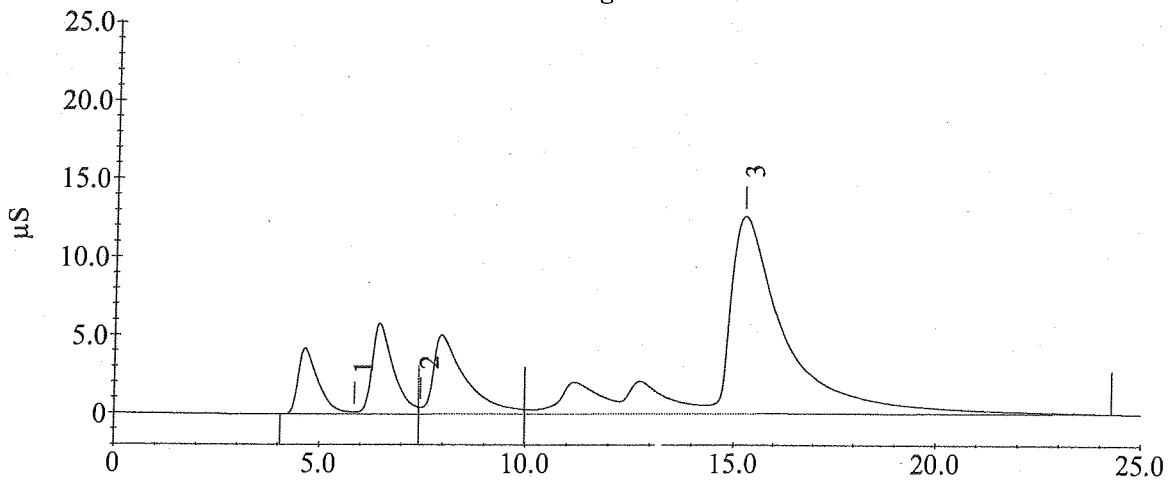
Date Time Collected : 4/19/2013 1:09:33 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	5.85	0.00	3491488	1150
2	Ammonium	7.45	12.43	2732615	4196
3	Unknown 2	15.24	0.00	14750641	125867

LCSD 12.5ug/ml SS0619x32



HP
04/19/13

Sample Analysis Report

Sample Name : MS 12.5 ug/ml (130456-62488x5)

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_007.DXD

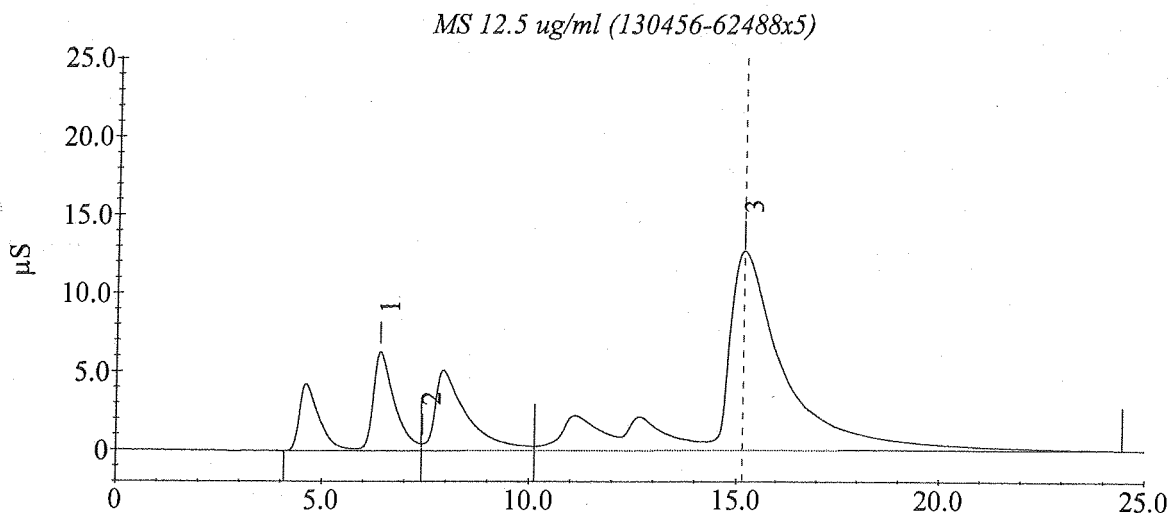
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 1:34:51 PM

System Operator : HP/EG

Peak Information All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	6.40	0.00	3626743	62946
2	Ammonium	7.42	12.59	2760217	4390
3	Unknown 2	15.15	0.00	14892509	126934



Sample Analysis Report

Sample Name : MSD 12.5 ug/ml(130456-62488x5)

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_008.DXD

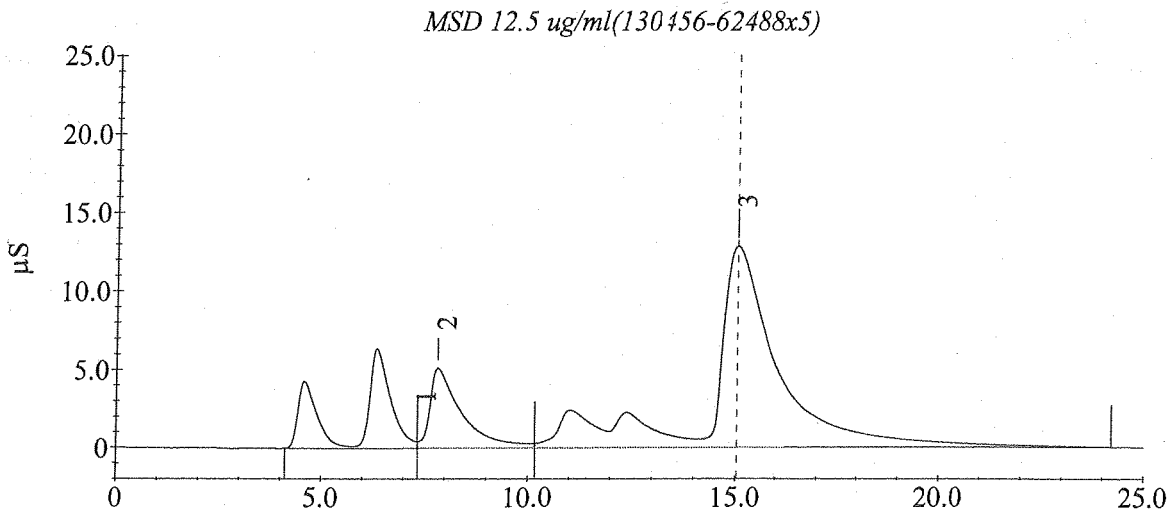
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 2:00:10 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	7.33	0.00	3606187	4305
2	Ammonium	7.82	12.50	2743892	51166
3	Unknown 2	15.03	0.00	14897705	128211



Sample Analysis Report

Sample Name : 130456-62488x5

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_009.DXD

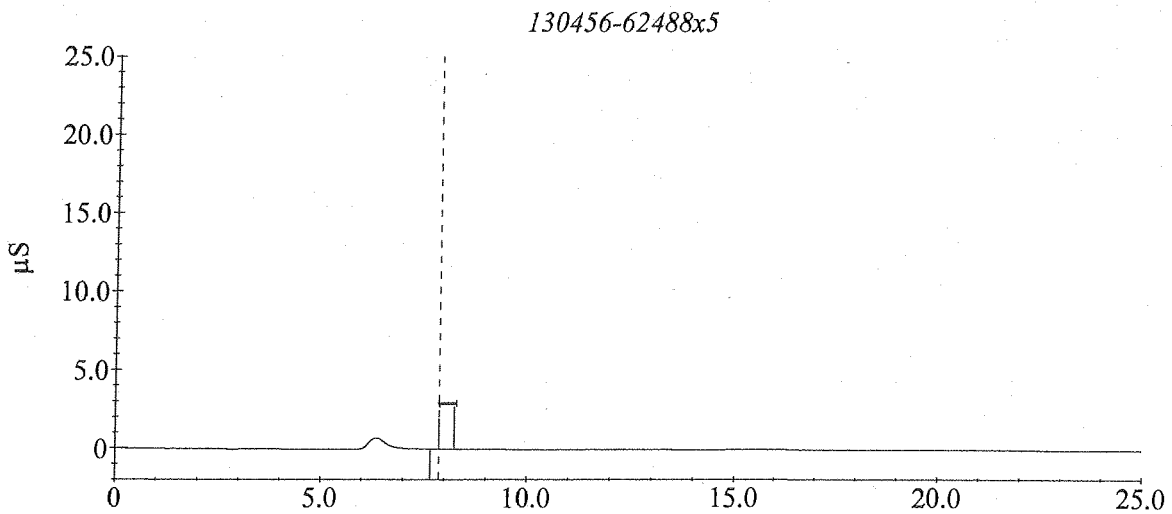
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 2:25:28 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.87	0.03	1510	75



EG
04/19/13

Sample Analysis Report

Sample Name : 130456-62488x5 Dup

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_010.DXD

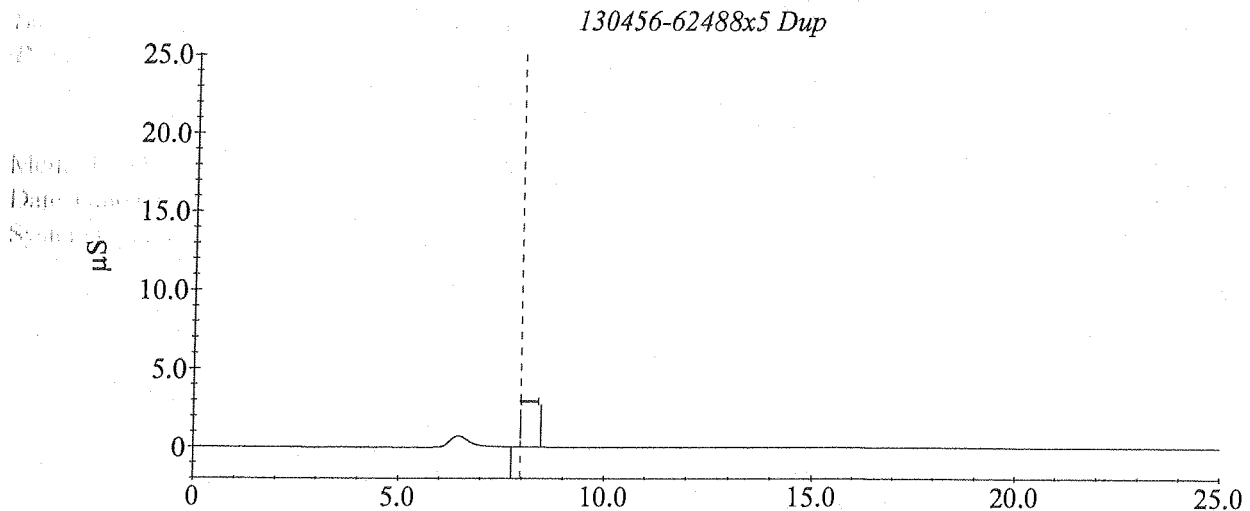
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 2:50:46 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.97	0.03	1910	76



EG
04/19/13

Sample Analysis Report

Sample Name : 130456-62451x5

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_011.DXD

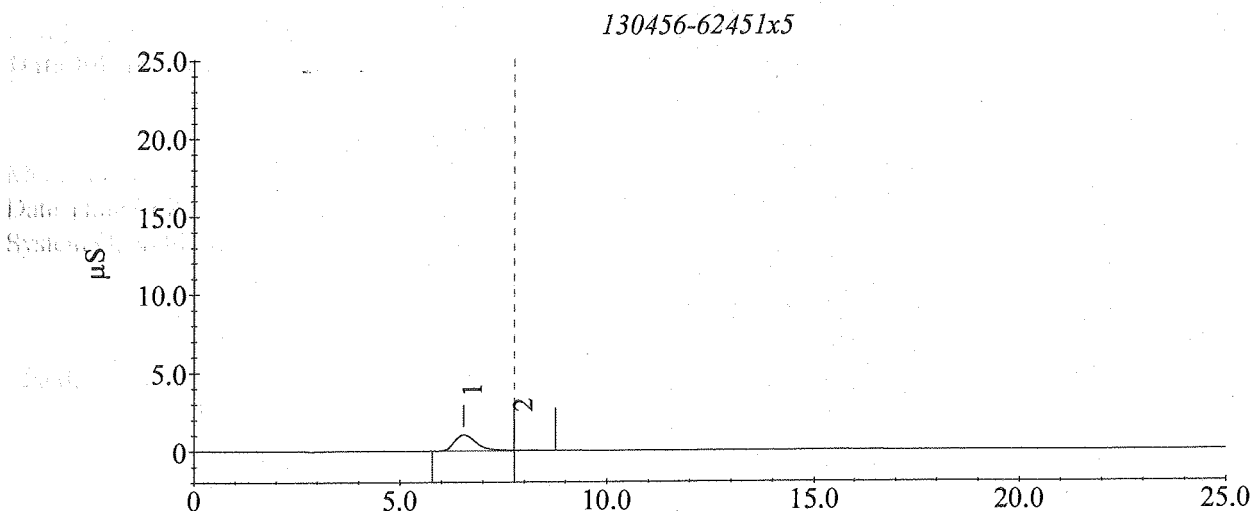
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 4:20:22 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	6.53	0.00	388049	10180
2	Ammonium	7.76	0.08	4449	41



Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_012.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

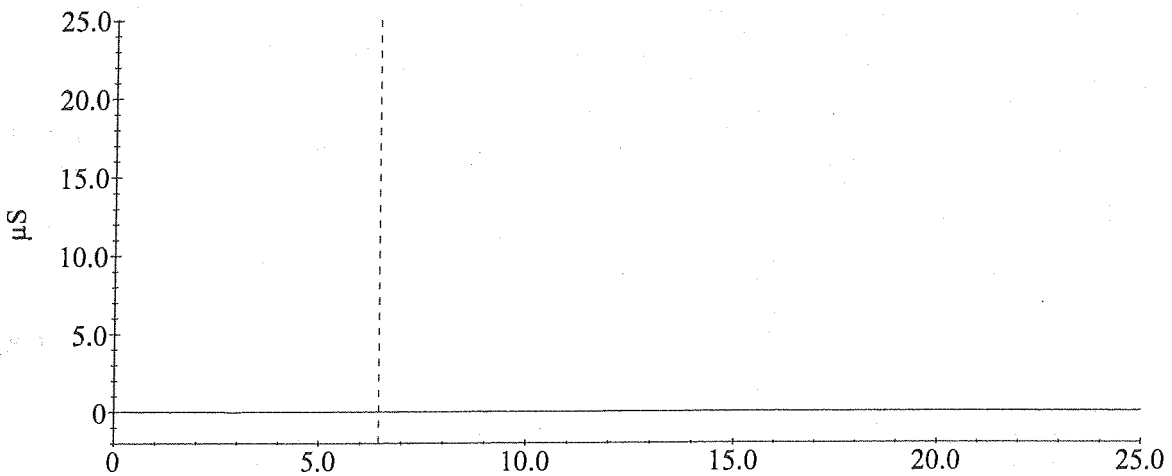
Date Time Collected : 4/19/2013 4:45:40 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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DI Water Blank



EG
04/19/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0619x16

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIAA_013.DXD

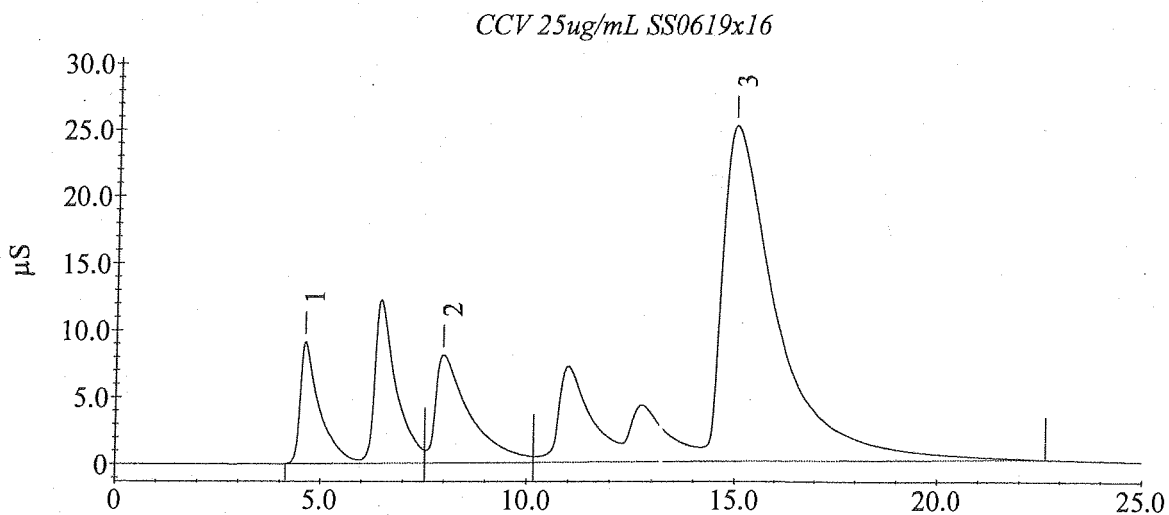
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 5:10:58 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.60	0.00	7361547	90826
2	Ammonium	7.96	24.51	4693481	80682
3	Unknown 2	14.98	0.00	30011187	250707



Sample Analysis Report

Sample Name : 130456-62460x5

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_014.DXD

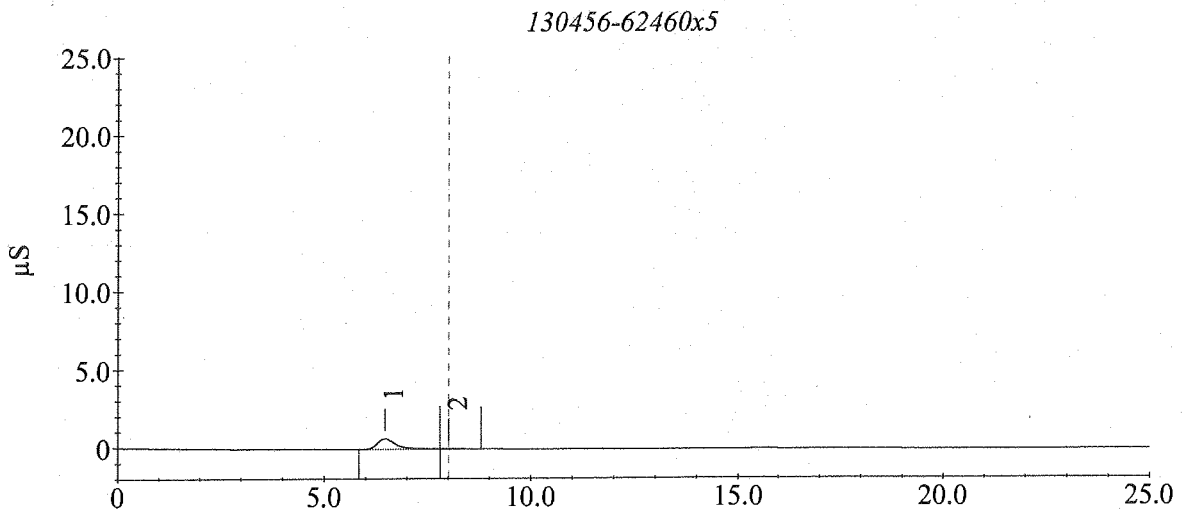
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 5:36:16 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	6.47	0.00	217826	6648
2	Ammonium	8.02	0.12	6679	178



CC
24/10/13

Sample Analysis Report

Sample Name : 130456-62460x5 Dup

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_015.DXD

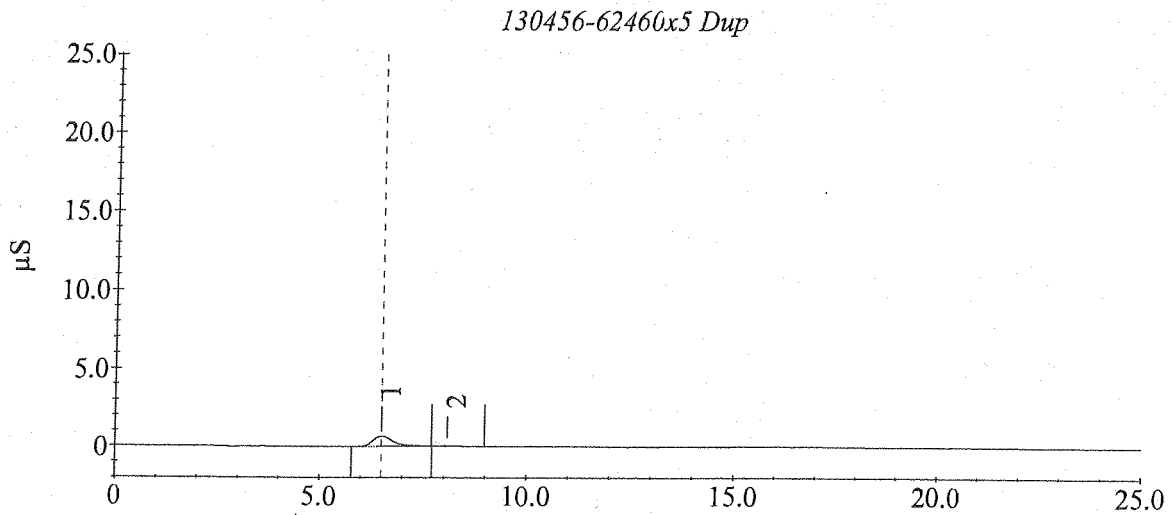
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 6:01:34 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	6.50	0.00	234145	6716
2	Ammonium	8.08	0.12	6716	175



Sample Analysis Report

Sample Name : 130456-62469x5

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_016.DXD

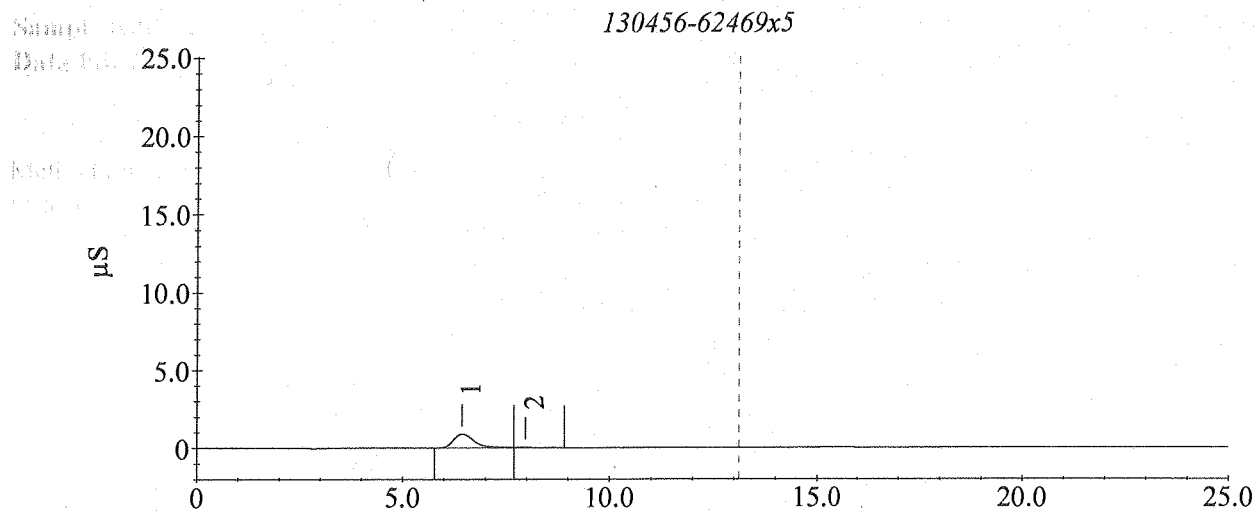
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 6:26:52 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	6.43	0.00	315367	8824
2	Ammonium	7.97	0.11	6356	159



EG
04/20/13

Sample Analysis Report

Sample Name : 130456-62478x5

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_017.DXD

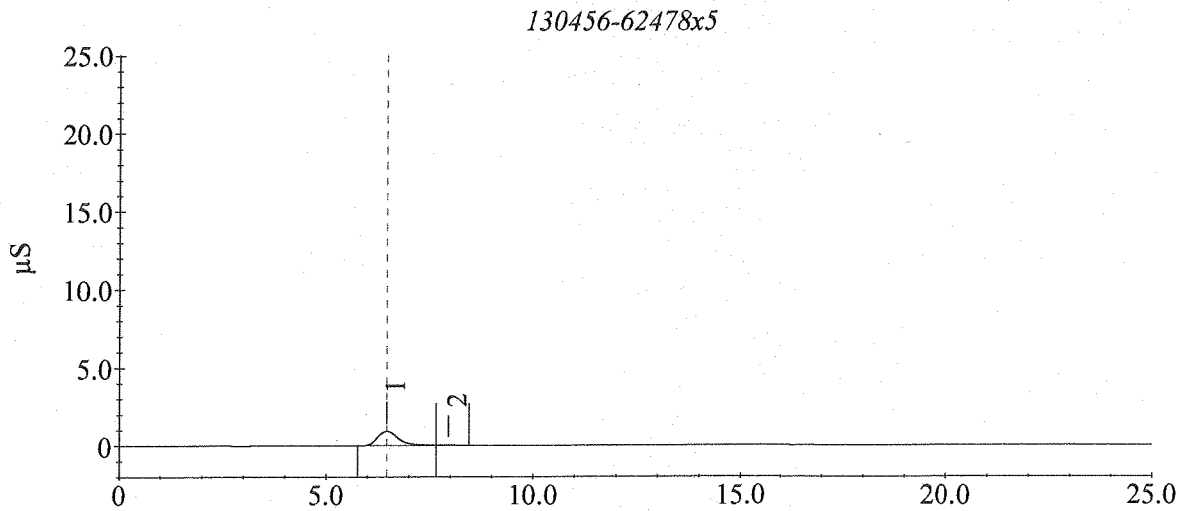
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 6:52:11 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	6.47	0.00	326392	9195
2	Ammonium	7.95	0.11	6188	181



CC
4/20/13

Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_018.DXD

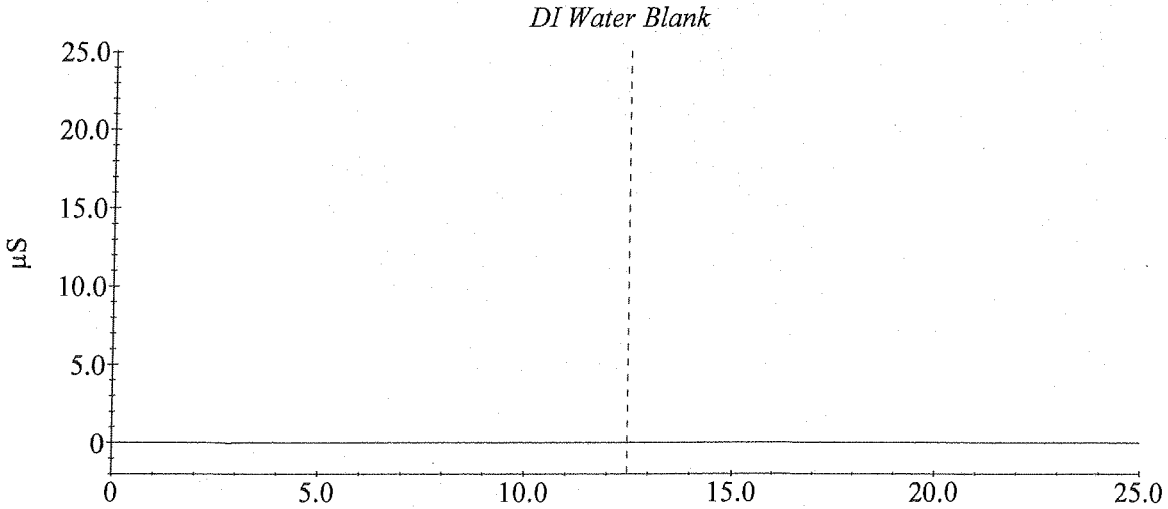
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 4/19/2013 7:17:29 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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HP/EG

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0619x16

Data File Name : C:\PEAKNET\DATA\2013\041913 AMONIA\A_019.DXD

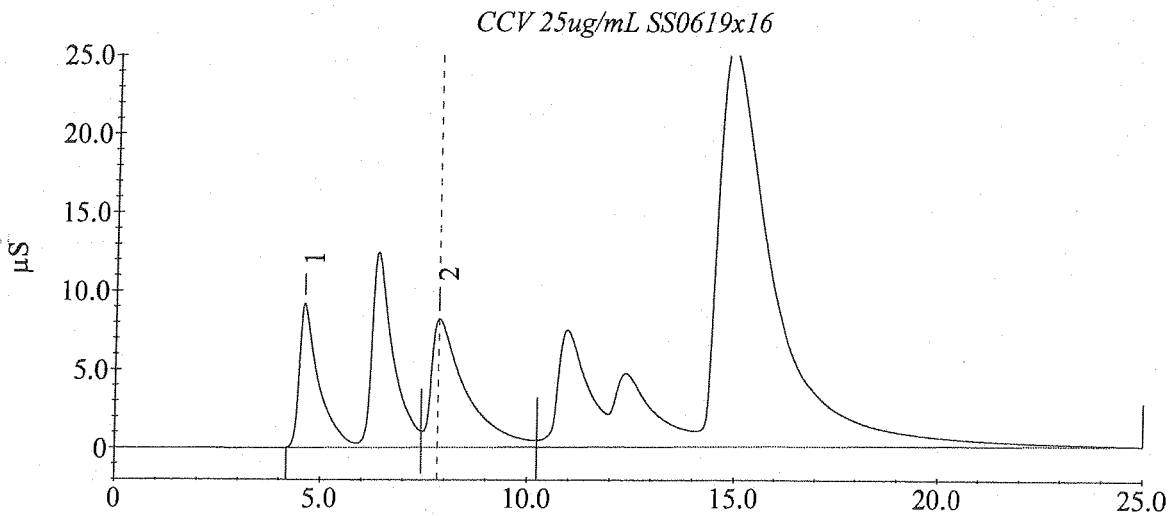
Method File Name : c:\peaknet\method\2013\ammonia 041613-j.met

Date Time Collected : 4/19/2013 7:42:47 PM

System Operator : HP/EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.58	0.00	7377947	91535
2	Ammonium	7.83	25.03	4769690	81663
3	Unknown 2	14.87	0.00	31102978	255112



Line	Sample	Method	Data File	Dilution
1	DI Water Blank	ammonia 041613-1.met	2013\04\19\13\amonia\001.dxd	1
2	CCV 25ug/mL SS0619x16	ammonia 041613-1.met	2013\04\19\13\amonia\002.dxd	1
3	SS 25ug/ml SS0646x40	ammonia 041613-1.met	2013\04\19\13\amonia\003.dxd	1
4	Method Blank	ammonia 041613-1.met	2013\04\19\13\amonia\004.dxd	1
5	LCS 12.5ug/ml SS0619x32	ammonia 041613-1.met	2013\04\19\13\amonia\005.dxd	1
6	LCSD 12.5ug/ml SS0619x32	ammonia 041613-1.met	2013\04\19\13\amonia\006.dxd	1
7	MS 12.5 ug/ml (130456-62488x5)	ammonia 041613-1.met	2013\04\19\13\amonia\007.dxd	1
8	MSD 12.5 ug/ml(130456-62488x5)	ammonia 041613-1.met	2013\04\19\13\amonia\008.dxd	1
9	130456-62488x5	ammonia 041613-1.met	2013\04\19\13\amonia\009.dxd	5
10	130456-62488x5 Dup	ammonia 041613-1.met	2013\04\19\13\amonia\010.dxd	5
11	130456-62451x5	ammonia 041613-1.met	2013\04\19\13\amonia\011.dxd	5
12	DI Water Blank	ammonia 041613-1.met	2013\04\19\13\amonia\012.dxd	1
13	CCV 25ug/mL SS0619x16	ammonia 041613-1.met	2013\04\19\13\amonia\013.dxd	1
14	130456-62460x5	ammonia 041613-1.met	2013\04\19\13\amonia\014.dxd	5
15	130456-62460x5 Dup	ammonia 041613-1.met	2013\04\19\13\amonia\015.dxd	5
16	130456-62469x5	ammonia 041613-1.met	2013\04\19\13\amonia\016.dxd	5
17	130456-62478x5	ammonia 041613-1.met	2013\04\19\13\amonia\017.dxd	5
18	DI Water Blank	ammonia 041613-1.met	2013\04\19\13\amonia\018.dxd	1
19	CCV 25ug/mL SS0619x16	ammonia 041613-1.met	2013\04\19\13\amonia\019.dxd	1
20	End	stopgp40.met	a	1

Default Method Path: C:\PEAKNET\METHOD\2013

Default Data Path: C:\PEAKNET\DATA

Comment:

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