

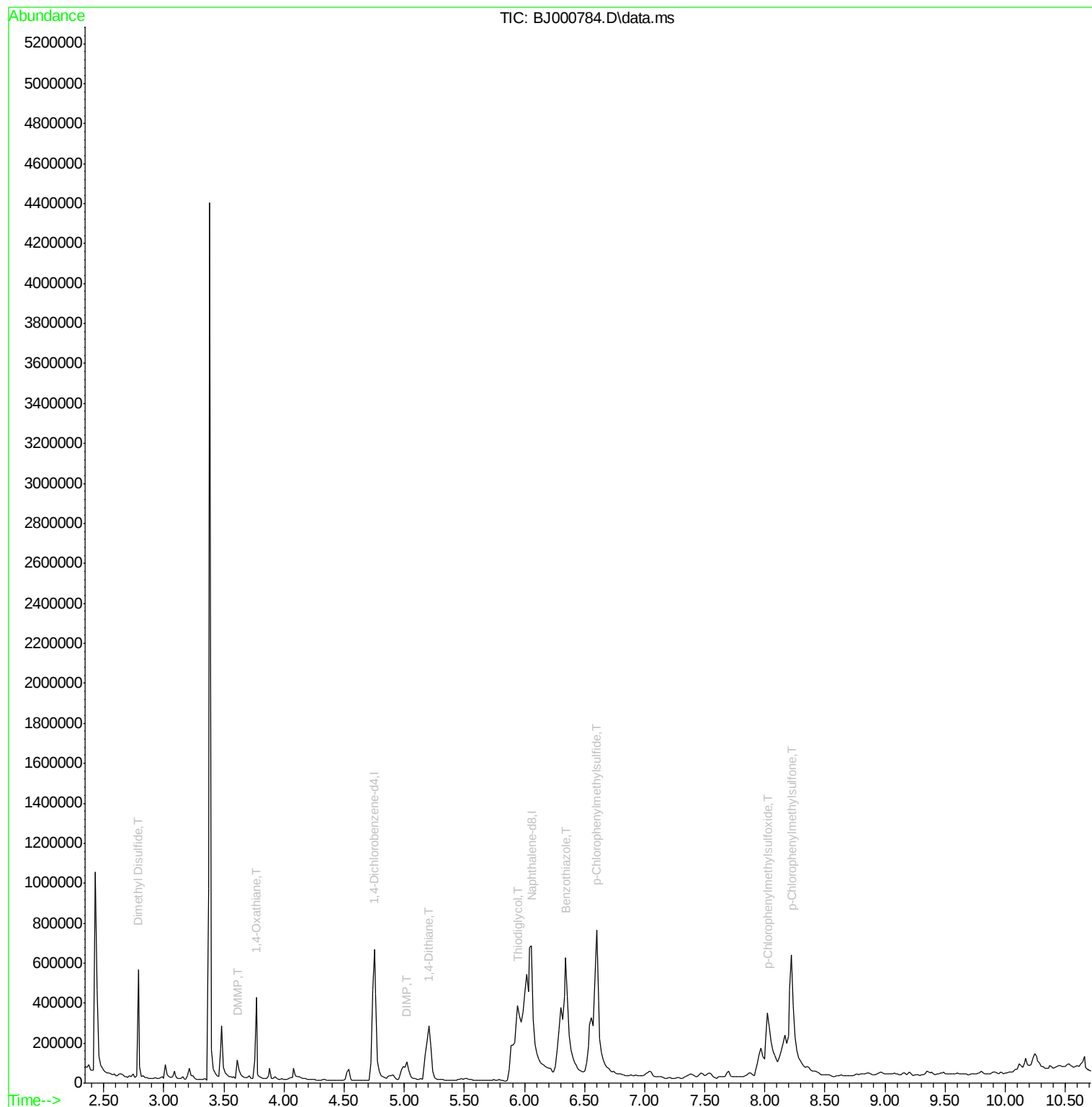
Data Path : Z:\HPCHEM1\BNA_J\data\BJ042612\
Data File : BJ000784.D
Acq On : 26 Apr 2012 15:24
Operator : HLM
Sample : CWA-ICV
Misc : STD BNA_J HLM
ALS Vial : 8 Sample Multiplier: 1

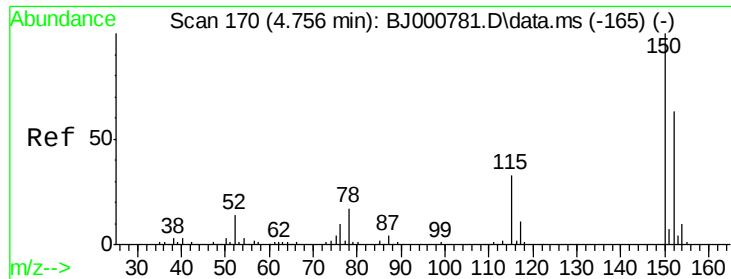
Instrument :
BNA_J
ClientSampleId :
CWA-ICV

Manual Integrations
APPROVED

AHPatel
5/3/2012 1:41:38 AM

Quant Time: May 03 01:29:27 2012
Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
Quant Title : CWA degradation products by GCMS
QLast Update : Thu Apr 26 16:13:22 2012
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 2.00 ug/mL

RT: 4.750 min Scan# 17

Delta R.T. -0.006 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Instrument :

BNA_J

ClientSampleId :

CWA-ICV

Tgt Ion:152 Resp: 301982

Ion Ratio Lower Upper

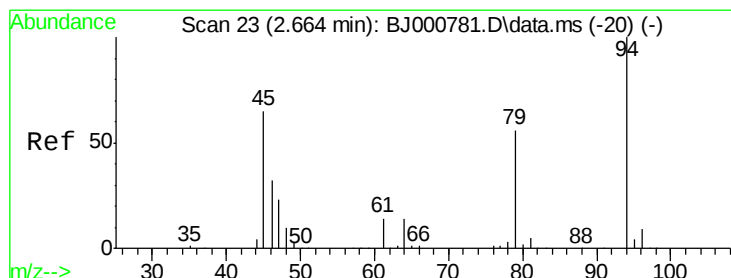
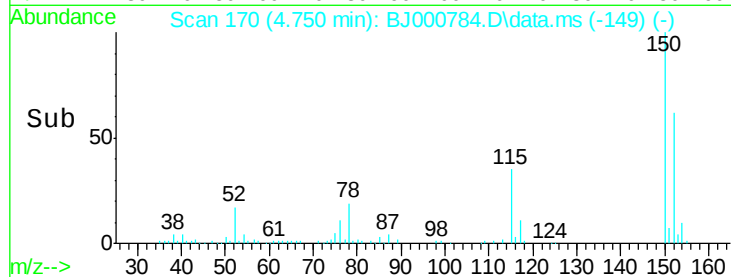
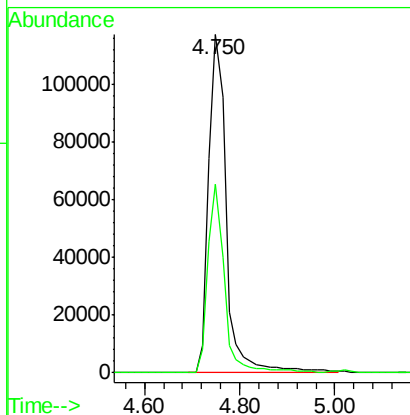
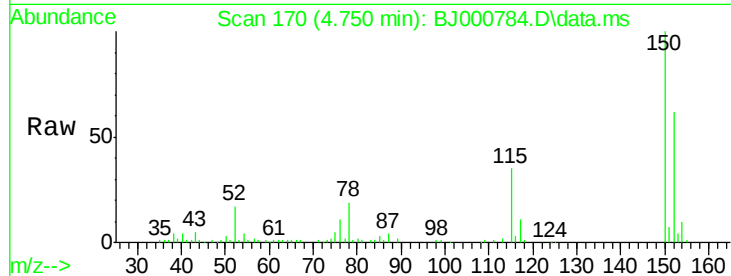
152 100

115 55.8 36.9 76.9

Manual Integrations
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#2

Dimethyl Disulfide

Concen: 1.41 ug/mL

RT: 2.786 min Scan# 32

Delta R.T. 0.122 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

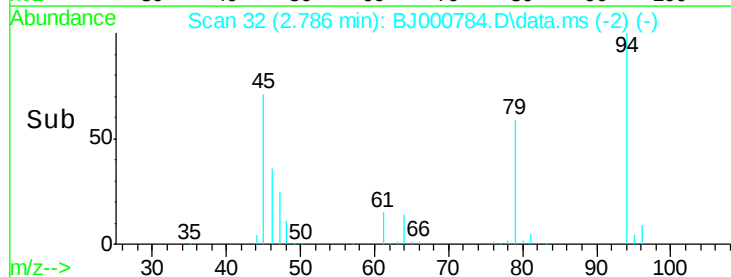
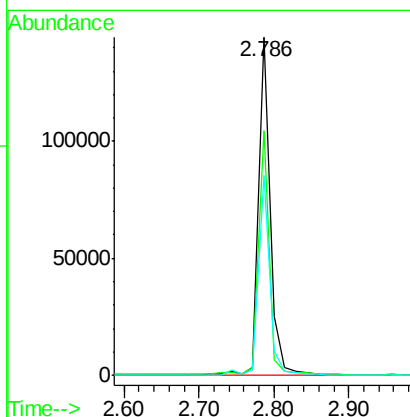
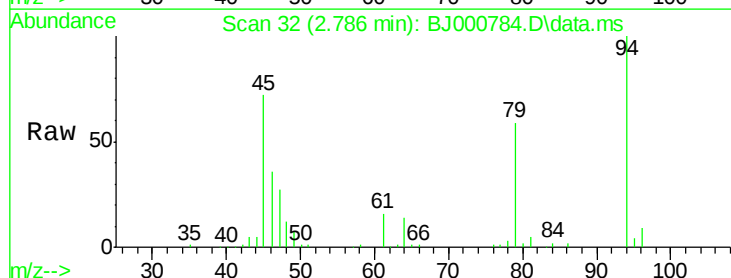
Tgt Ion: 94 Resp: 156993

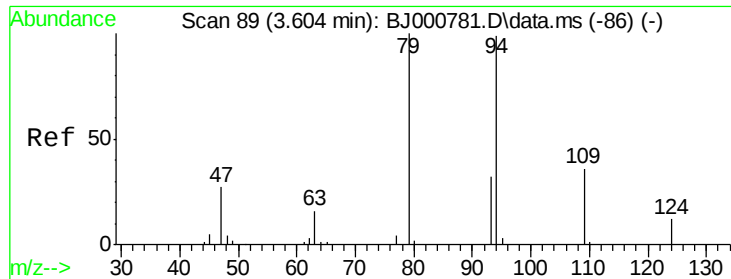
Ion Ratio Lower Upper

94 100

45 72.2 72.8 112.8#

79 59.1 43.9 83.9





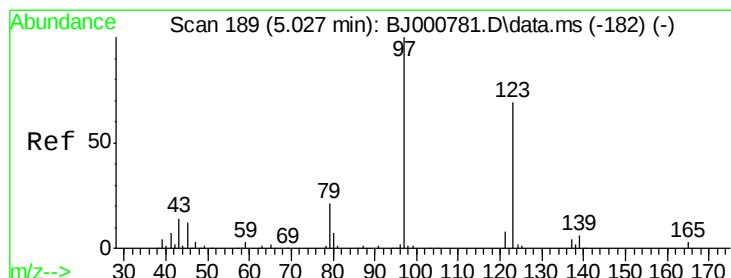
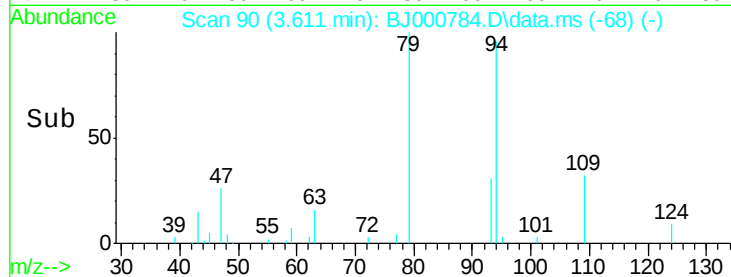
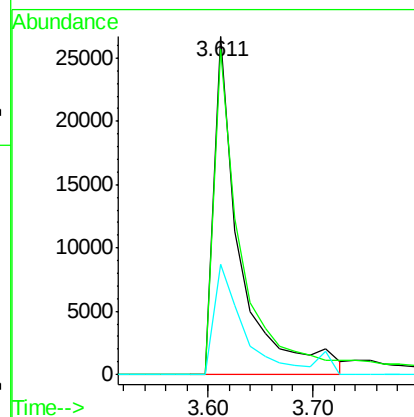
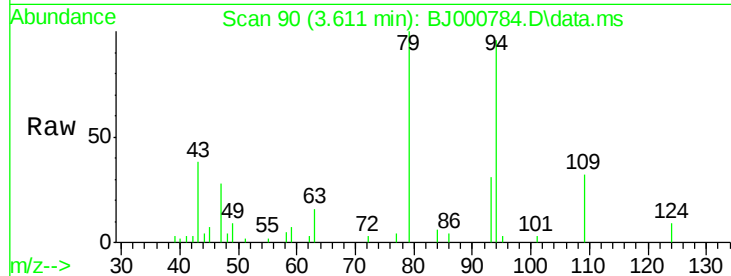
#3
DMMP
Concen: 0.57 ug/mL m
RT: 3.611 min Scan# 90
Delta R.T. 0.008 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Instrument :
BNA_J
ClientSampleID :
CWA-ICV

Tgt Ion: 79 Resp: 46733
Ion Ratio Lower Upper
79 100
94 96.1 81.5 121.5
109 32.5 18.2 58.2

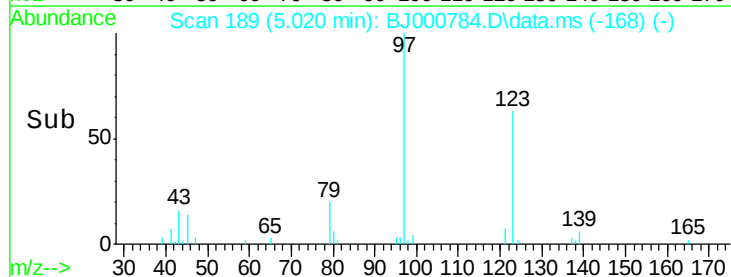
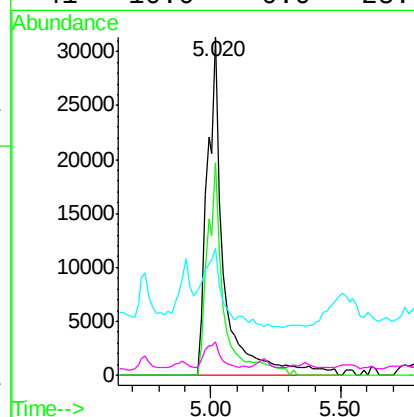
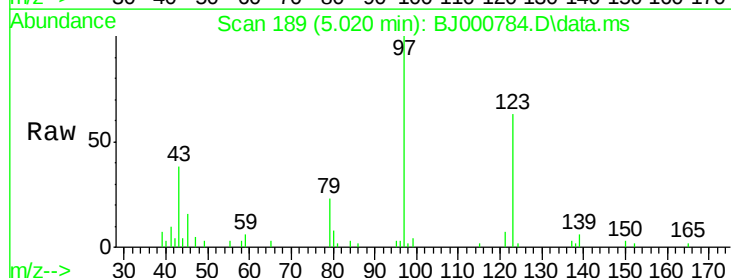
Manual Integrations
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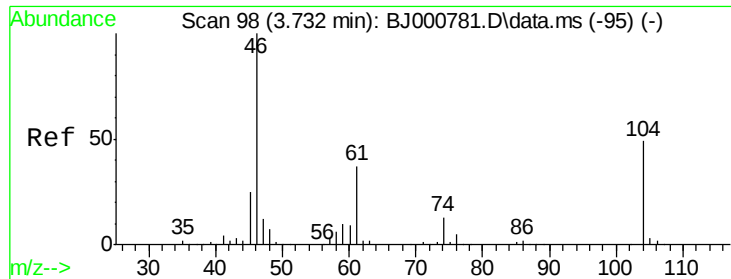
AHPatel
5/3/2012 1:41:38 AM



#4
DIMP
Concen: 0.54 ug/mL m
RT: 5.020 min Scan# 189
Delta R.T. -0.006 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Tgt Ion: 97 Resp: 141590
Ion Ratio Lower Upper
97 100
123 62.9 40.6 80.6
43 37.6 0.0 37.6
41 10.0 0.0 28.4





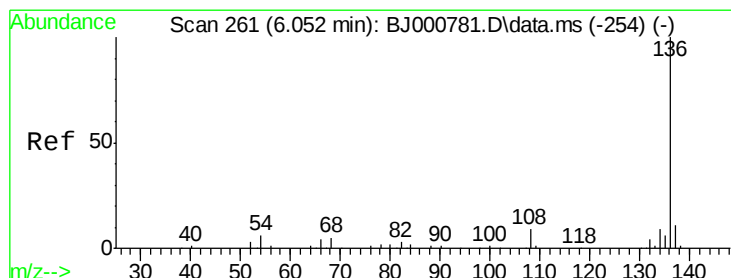
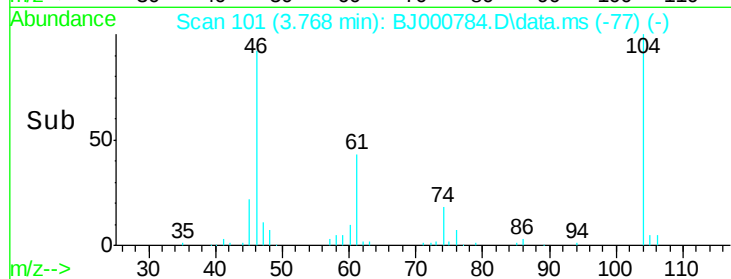
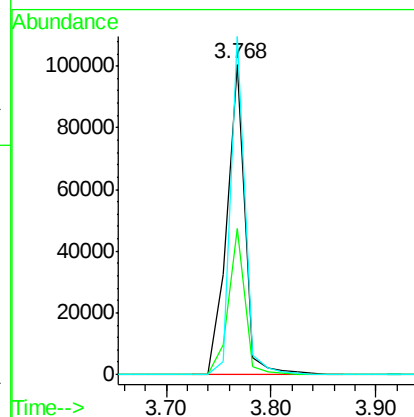
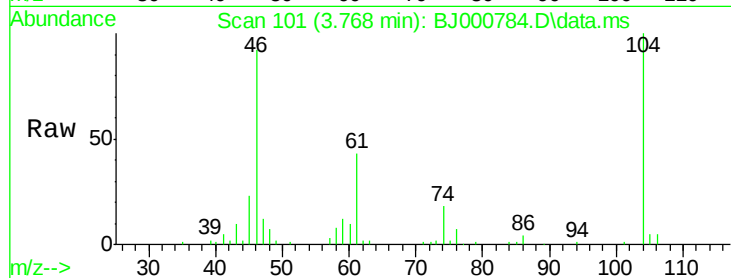
#5
1,4-Oxathiane
Concen: 1.15 ug/mL
RT: 3.768 min Scan# 101
Delta R.T. 0.036 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Instrument :
BNA_J
ClientSampled :
CWA-ICV

Tgt Ion	Ratio	Lower	Upper
46	100		
61	47.3	14.6	54.6
104	109.0	13.7	53.7#

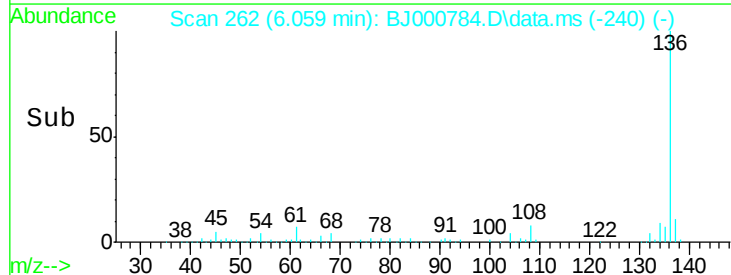
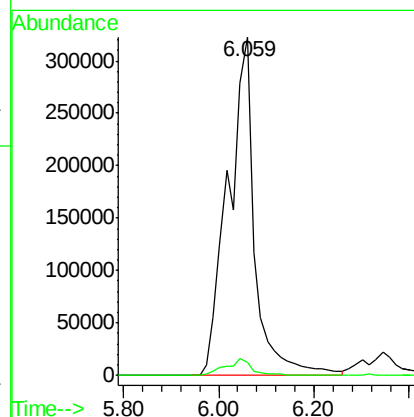
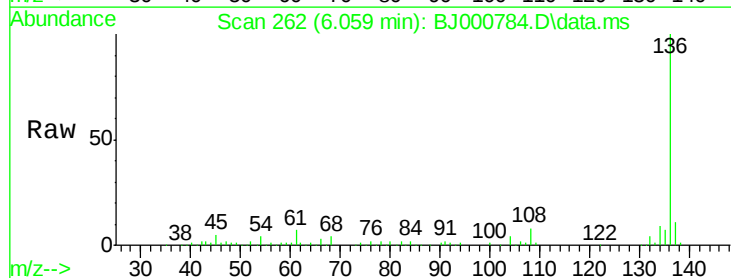
Manual Integrations
APPROVED

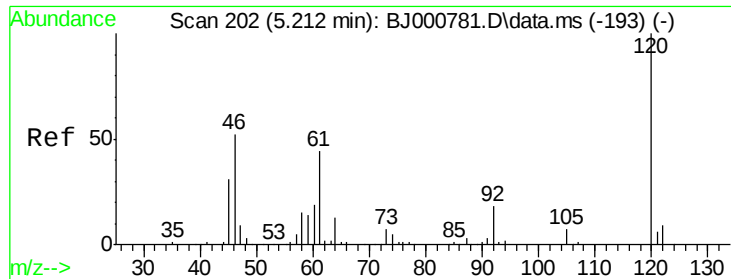
AHPatel
5/3/2012 1:41:38 AM



#6
Naphthalene-d8
Concen: 2.00 ug/mL
RT: 6.059 min Scan# 262
Delta R.T. 0.008 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Tgt Ion	Ratio	Lower	Upper
136	100		
68	3.7	0.0	23.7





#7

1,4-Dithiane

Concen: 1.37 ug/mL

RT: 5.205 min Scan# 20

Delta R.T. -0.006 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Instrument :

BNA_J

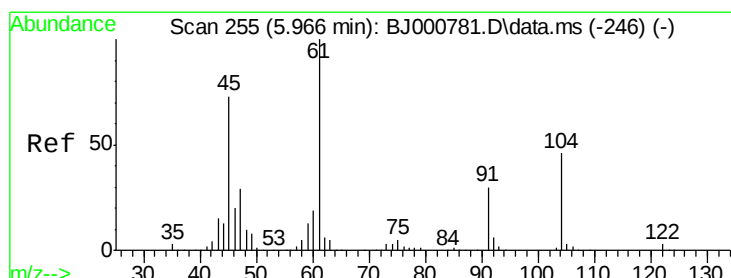
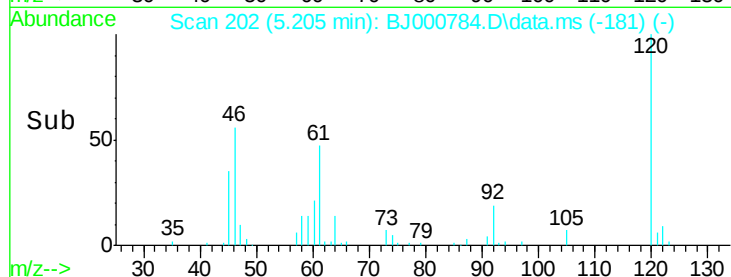
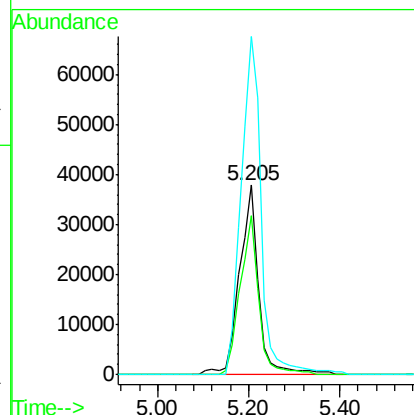
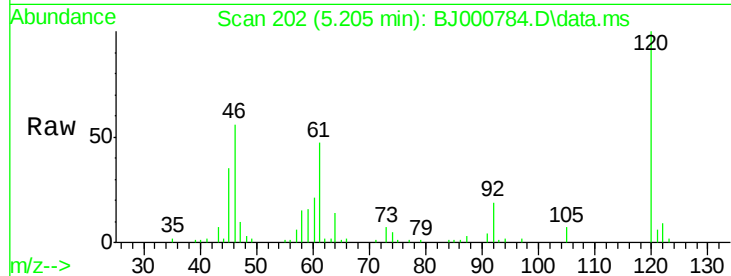
ClientSampleId :

CWA-ICV

Tgt Ion	Ratio	Resp	Lower	Upper
46	100	112362		
61	84.0	62.3	102.3	
120	178.4	149.0	189.0	

Manual Integrations
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#8

Thiodiglycol

Concen: 10.79 ug/mL m

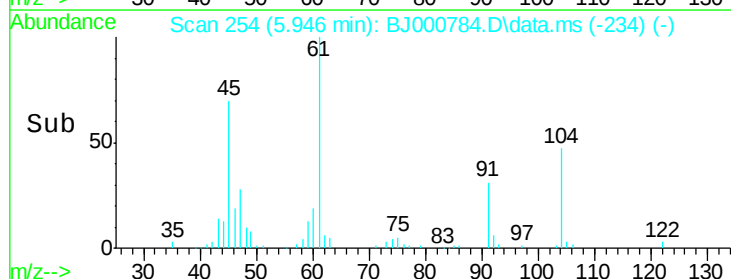
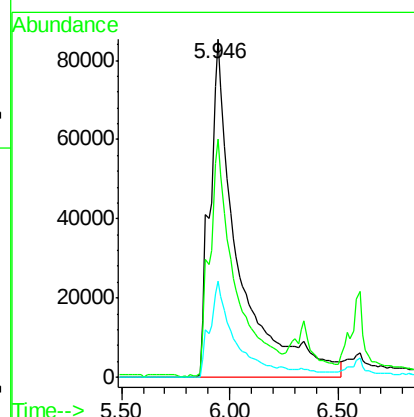
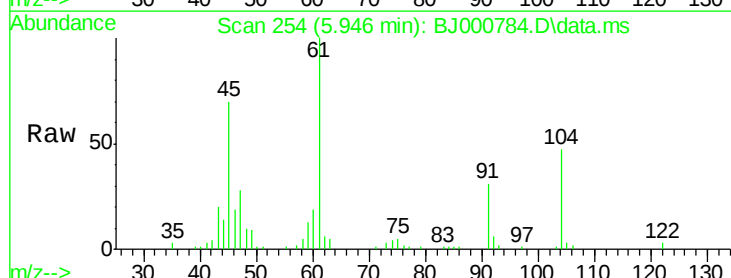
RT: 5.946 min Scan# 254

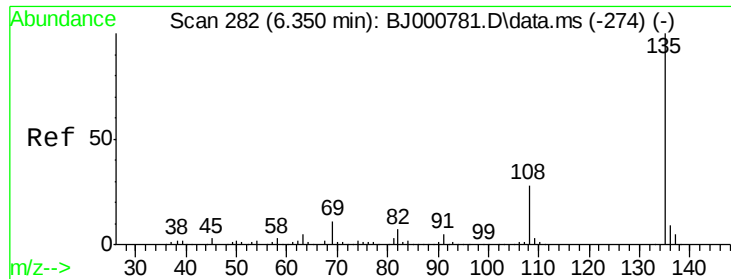
Delta R.T. -0.021 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
61	100	781360		
45	70.4	49.4	89.4	
47	28.3	7.9	47.9	





#9

Benzothiazole

Concen: 3.54 ug/mL m

RT: 6.344 min Scan# 28

Delta R.T. -0.006 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

Instrument :

BNA_J

ClientSampled :

CWA-ICV

Tgt Ion:135 Resp: 1095764

Ion Ratio Lower Upper

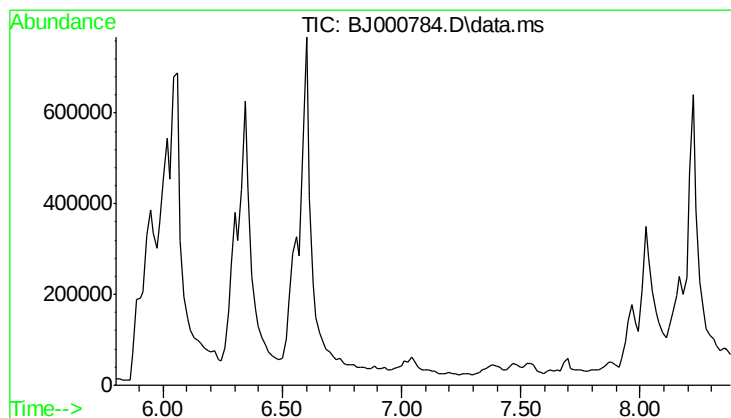
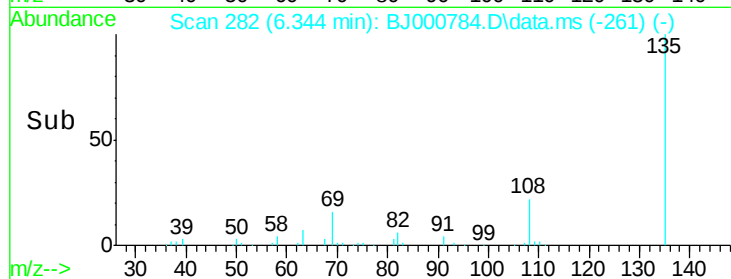
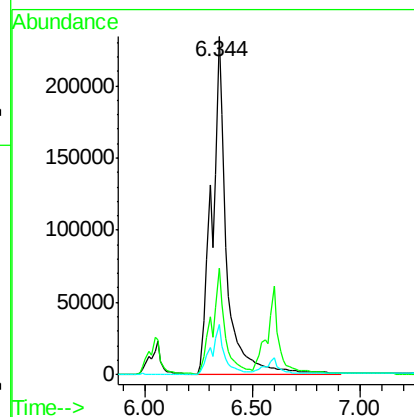
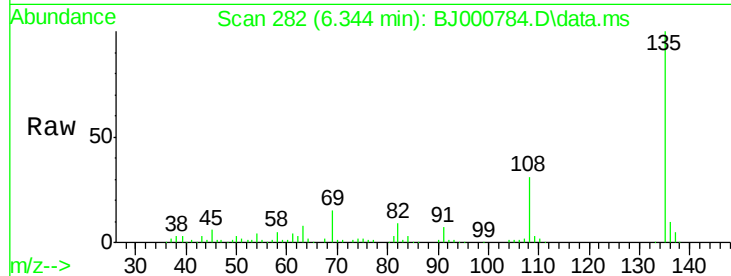
135 100

108 31.3 11.0 51.0

69 14.7 0.0 34.2

Manual Integrations
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5/3/2012 1:41:38 AM



#10

Tripropylphosphate

Concen: 0.00 ug/mL

Expected RT: 7.09 min

Lab File: BJ000784.D

Acq: 26 Apr 2012 15:24

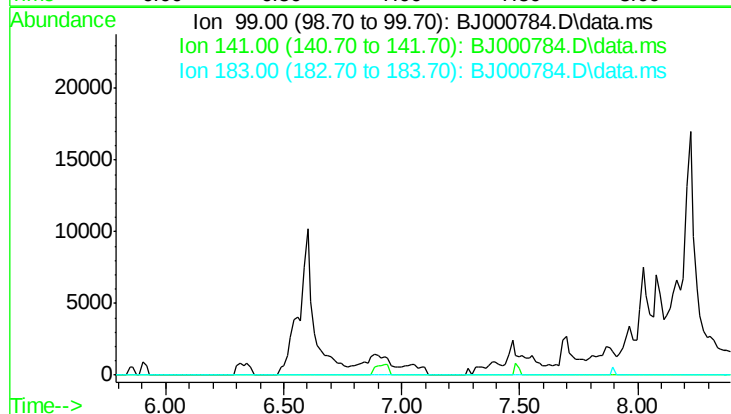
Tgt Ion: 99

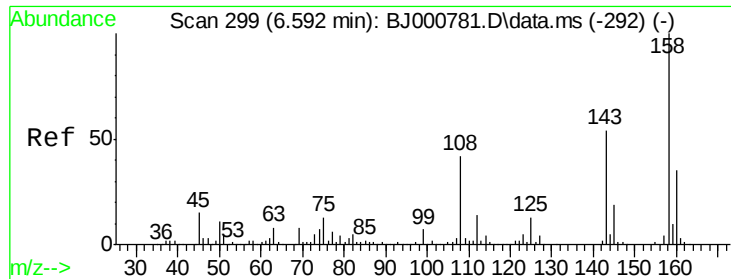
Sig Exp Ratio

99 100

141 22.2

183 6.7





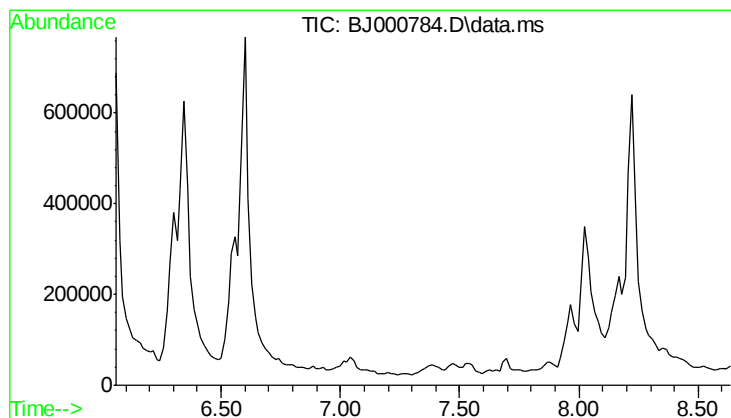
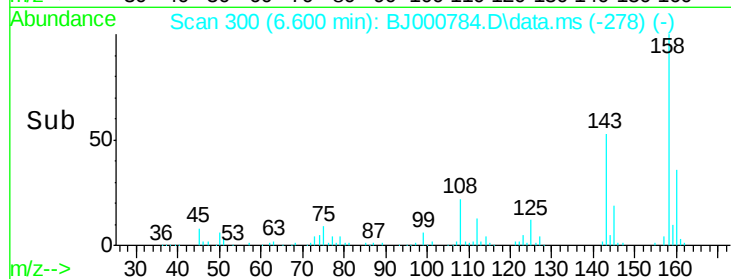
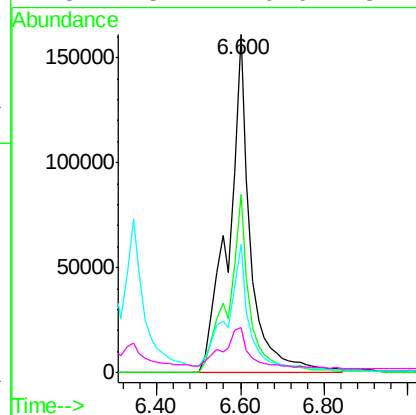
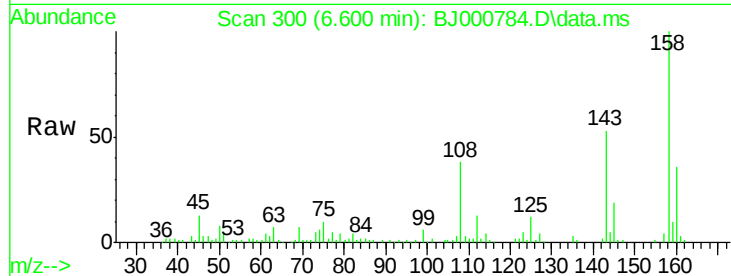
#11
 p-Chlorophenylmethylsulfide
 Concen: 2.74 ug/mL
 RT: 6.600 min Scan# 30
 Delta R.T. 0.008 min
 Lab File: BJ000784.D
 Acq: 26 Apr 2012 15:24

Instrument :
 BNA_J
 ClientSampleId :
 CWA-ICV

Tgt Ion	Ratio	Resp Lower	Resp Upper
158	100		
143	52.6	31.4	71.4
108	38.1	15.5	55.5
45	13.4	0.0	32.2

Manual Integrations
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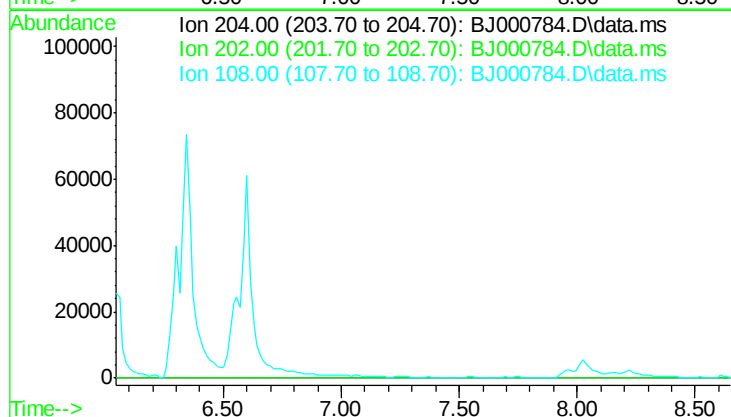
AHPatel
 5/3/2012 1:41:38 AM

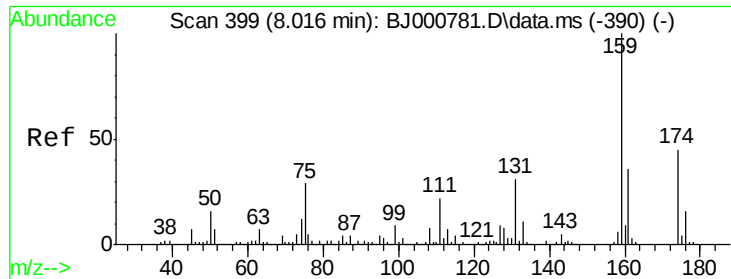


#12
 2-Bromothioanisole
 Concen: 0.00 ug/mL
 Expected RT: 7.35 min

Lab File: BJ000784.D
 Acq: 26 Apr 2012 15:24

Tgt Ion	Exp Ratio
204	100
202	102.9
108	77.9





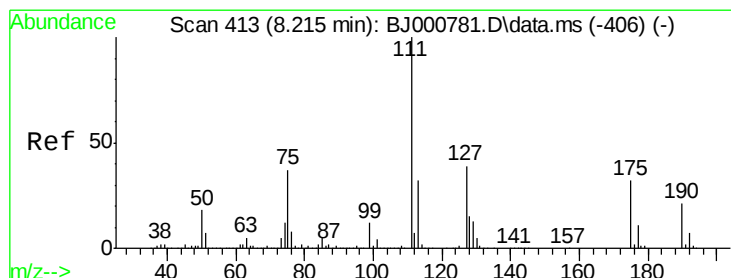
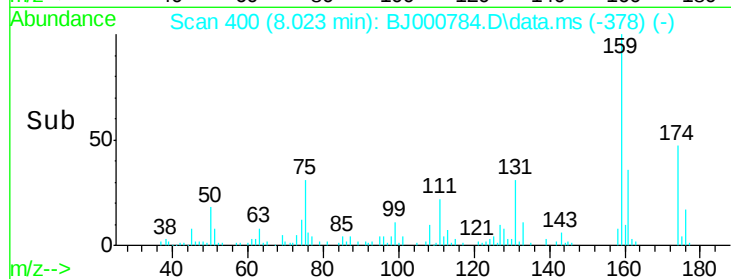
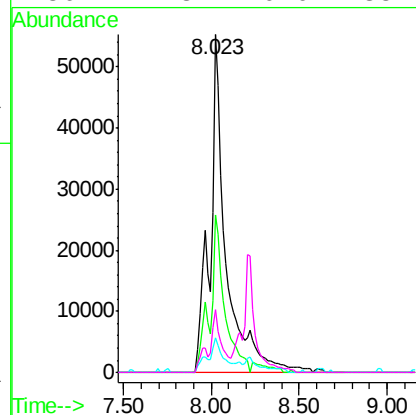
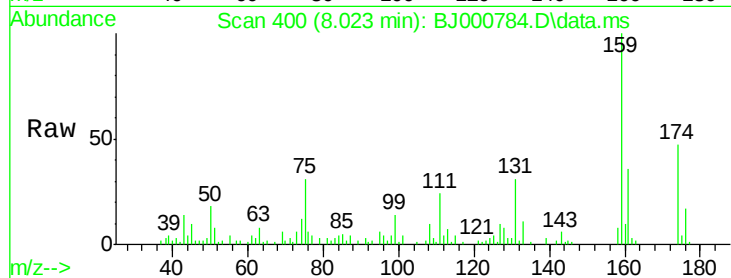
#13
p-Chlorophenylmethylsulfoxide
Concen: 2.92 ug/mL m
RT: 8.023 min Scan# 40
Delta R.T. 0.008 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Instrument :
BNA_J
ClientSampled :
CWA-ICV

Tgt Ion	Ratio	Resp	Lower	Upper
159	100	349021		
174	32.0	31.3	71.3	
108	9.0	0.0	31.3	
50	7.3	0.0	35.6	

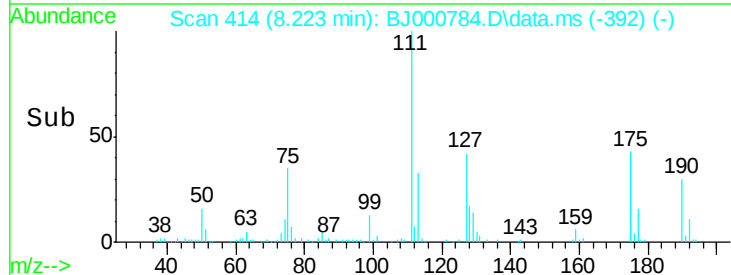
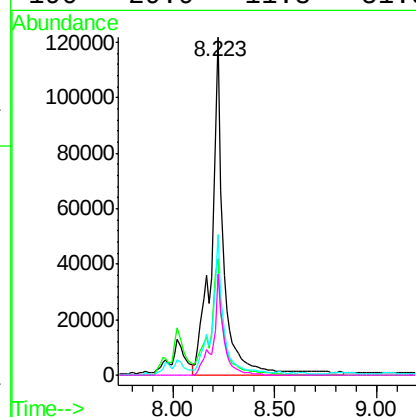
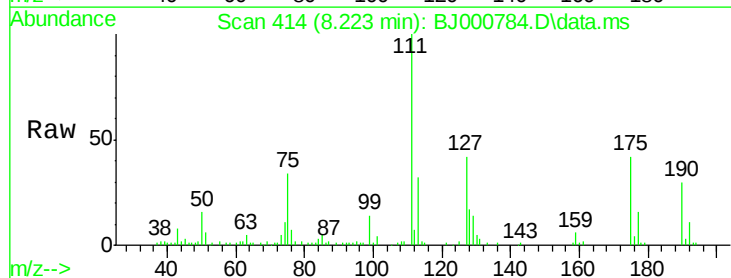
Manual Integrations
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#14
p-Chlorophenylmethylsulfone
Concen: 2.94 ug/mL m
RT: 8.223 min Scan# 414
Delta R.T. 0.008 min
Lab File: BJ000784.D
Acq: 26 Apr 2012 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
111	100	517958		
75	34.3	14.1	54.1	
127	41.7	21.7	61.7	
190	29.9	11.8	51.8	



Data Path : Z:\HPCHEM1\BNA_J\data\BJ042612\
 Data File : BJ000784.D
 Acq On : 26 Apr 2012 15:24
 Operator : HLM
 Sample : CWA-ICV
 Misc : STD BNA_J HLM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_J
 ClientSampleId :
 CWA-ICV

Manual Integrations
 APPROVED

AHPatel
 5/3/2012 1:41:38 AM

Quant Time: May 03 01:29:27 2012
 Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M
 Quant Title : CWA degradation products by GCMS
 QLast Update : Thu Apr 26 16:13:22 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.750	152	301982	2.00	ug/mL	0.00
6) Naphthalene-d8	6.059	136	1242596	2.00	ug/mL	0.00
System Monitoring Compounds						
10) Tripropylphosphate	0.000	99	0d	0.00	ug/mL	
Spiked Amount	0.500	Range	70 - 130	Recovery	=	0.00%#
12) 2-Bromothioanisole	0.000	204	0	0.00	ug/mL	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
Target Compounds						
						Qvalue
2) Dimethyl Disulfide	2.786	94	156993	1.41	ug/mL#	85
3) DMMP	3.611	79	46733m	0.57	ug/mL	
4) DIMP	5.020	97	141590m	0.54	ug/mL	
5) 1,4-Oxathiane	3.768	46	122688	1.15	ug/mL#	24
7) 1,4-Dithiane	5.205	46	112362	1.37	ug/mL	95
8) Thiodiglycol	5.946	61	781360m	10.79	ug/mL	
9) Benzothiazole	6.344	135	1095764m	3.54	ug/mL	
11) p-Chlorophenylmethyisu...	6.600	158	586940	2.74	ug/mL	97
13) p-Chlorophenylmethyisu...	8.023	159	349021m	2.92	ug/mL	
14) p-Chlorophenylmethyisu...	8.223	111	517958m	2.94	ug/mL	

(#) = qualifier out of range (m) = manual integration (+) = signals summed