

Data File : H:\VOL1\GCMSDATA\J\120924\BJ001145.D
 Acq On : 24 Sep 2012 16:09
 Sample : CWA-5
 Misc : CWA STD BNA J HLM
 MS Integration Params: rteint.p
 Quant Time: Sep 27 17:01 2012

Vial: 3
 Operator: HLM
 Inst : BNA J
 Multiplr: 1.00

Instrument :
 BNA_J
 LabSampleId :
 CWA-5

Quant Results File: BJ092412.M

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
 Title : CWA degradation products by GCMS
 Last Update : Thu Sep 27 16:58:07 2012
 Response via : Initial Calibration
 DataAcq Meth : CWAJ

Manual Integrations
 APPROVED

AHPatel
 10/9/2012 7:05:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.37	152	487613	2.00	ug/mL	-0.04
6) Naphthalene-d8	5.63	136	1050062	2.00	ug/mL	-0.05

System Monitoring Compounds

10) Tripropylphosphate	6.69	99	1288219	2.84	ug/mL	-0.05
Spiked Amount	0.500	Range	70 - 130	Recovery	=	568.00%#
12) 2-Bromothioanisole	6.91	204	1643456	20.27	ug/mL	-0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	405.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dimethyl Disulfide	2.30	94	2240660	10.44	ug/mL	99
3) DMMP	3.28	79	910253	5.06	ug/mL	93
4) DIMP	4.64	97	898625	1.80	ug/mL	100
5) 1,4-Oxathiane	3.39	46	1995797	9.74	ug/mL#	77
7) 1,4-Dithiane	4.80	46	1640573	18.31	ug/mL#	82
8) Thiodiglycol	5.67	61	12246993	143.99	ug/mL	99
9) Benzothiazole	5.91	135	6794374	23.82	ug/mL	92
11) p-Chlorophenylmethyldisulfide	6.17	158	3161694	18.75	ug/mL	81
13) p-Chlorophenylmethyldisulfox	7.56	159	1807594	16.75	ug/mL#	87
14) p-Chlorophenylmethyldisulfon	7.78	111	2390513	16.60	ug/mL	86

Quantitation Report

Data File : H:\VOL1\GCMSDATA\J\120924\BJ001145.D
Acq On : 24 Sep 2012 16:09
Sample : CWA-5
Misc : CWA STD BNA J HLM
MS Integration Params: rteint.p
Quant Time: Sep 27 17:01 2012

Vial: 3
Operator: HLM
Inst : BNA J
Multiplr: 1.00

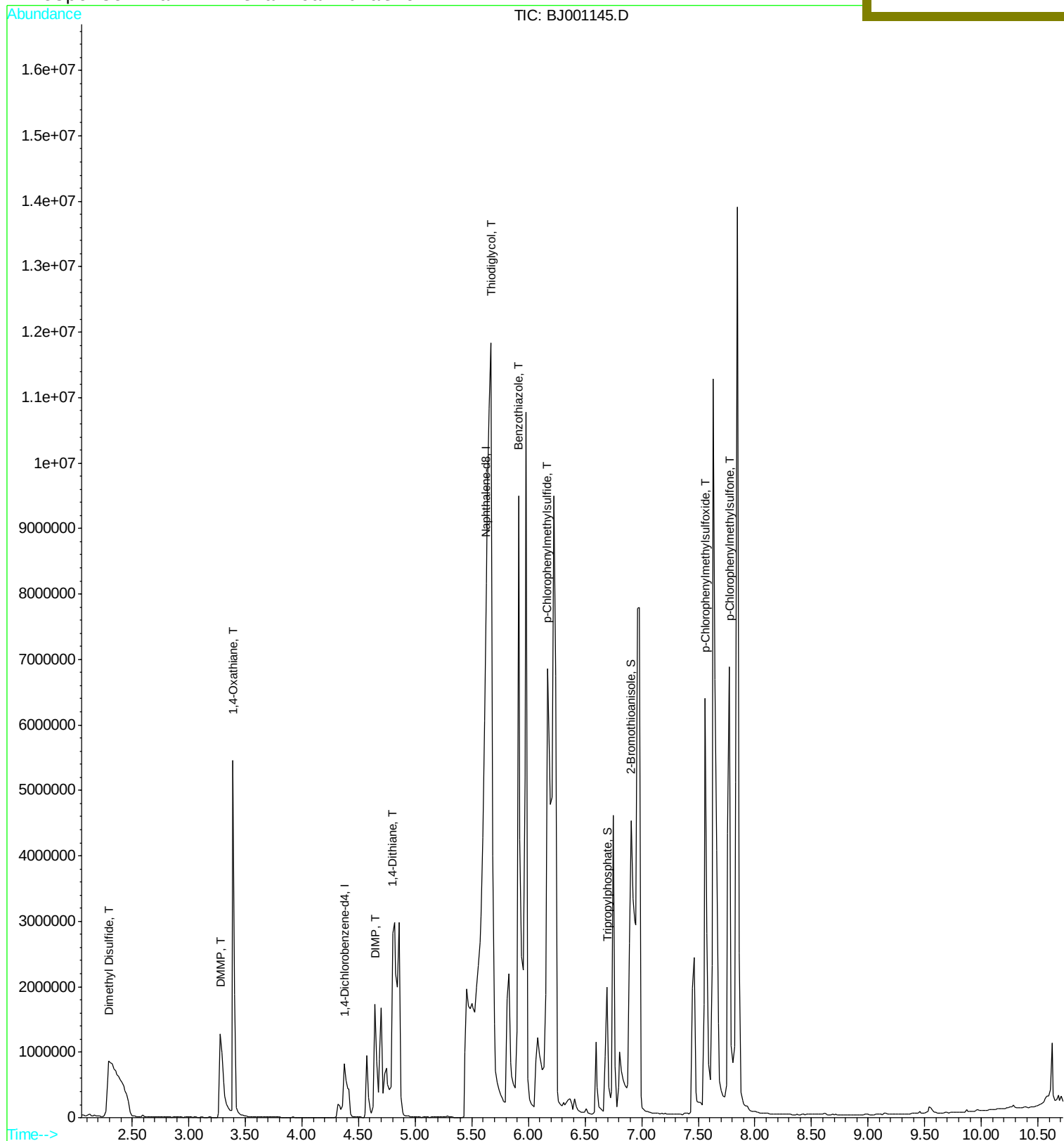
Instrument :
BNA_J
LabSampleId :
CWA-5
KLS

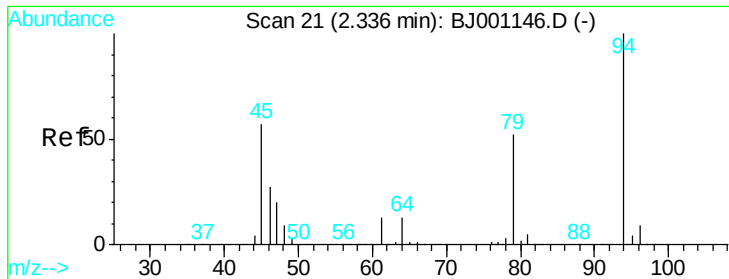
Quant Results File: BJ092412.M

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ092412.M (RTE Integrator)
Title : CWA degradation products by GCMS
Last Update : Thu Sep 27 16:58:07 2012
Response via : Initial Calibration

Manual Integrations
APPROVED

AHPatel
10/9/2012 7:05:50 AM





#2

Dimethyl Disulfide

Concen: 10.44 ug/mL

RT: 2.30 min Scan# 18

Delta R.T. -0.04 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 94 Resp: 2240660

Ion Ratio Lower Upper

94 100

45 56.6 36.7 76.7

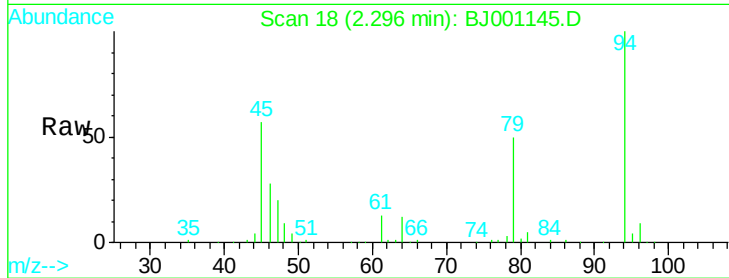
79 50.4 31.6 71.6

Manual Integrations

APPROVED

AHPatel

10/9/2012 7:05:50 AM

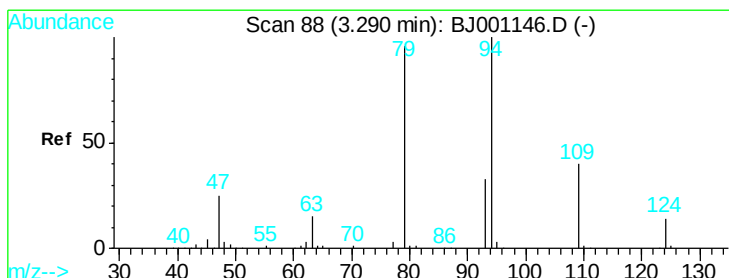
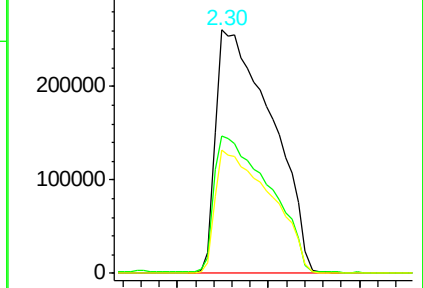
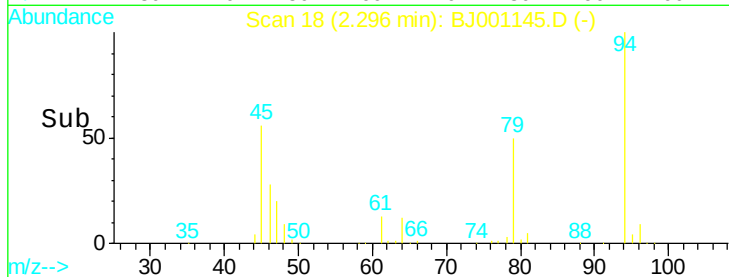


Abundance

Ion 94.00 (93.70 to 94.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 79.00 (78.70 to 79.70): BJ0



#3

DMMP

Concen: 5.06 ug/mL

RT: 3.28 min Scan# 87

Delta R.T. -0.01 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

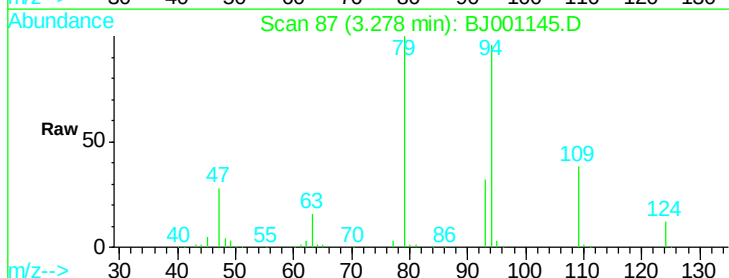
Tgt Ion: 79 Resp: 910253

Ion Ratio Lower Upper

79 100

94 95.9 83.7 123.7

109 37.6 21.5 61.5

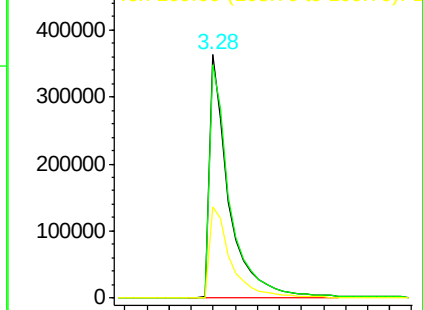
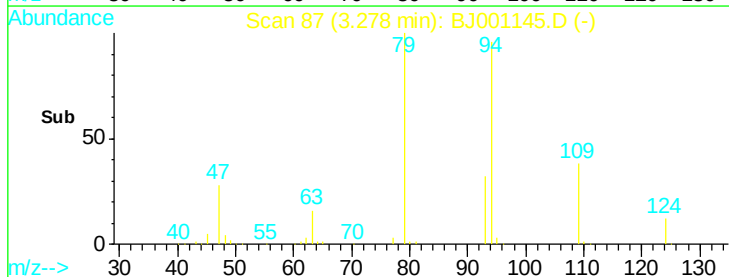


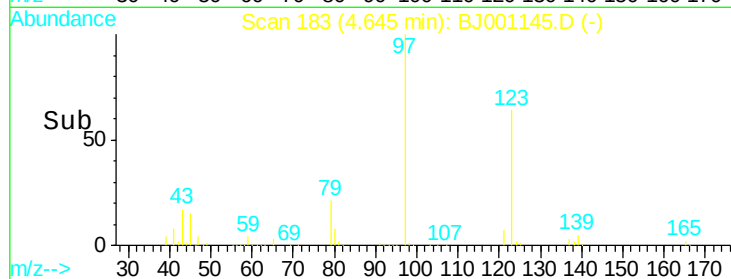
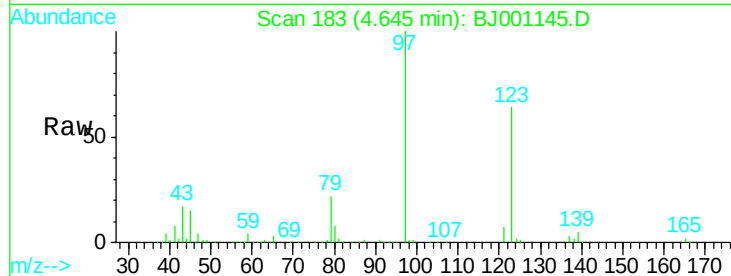
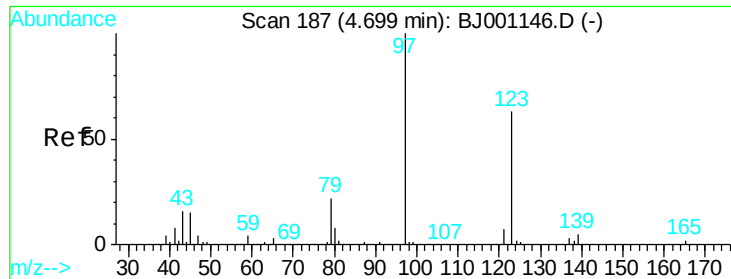
Abundance

Ion 79.00 (78.70 to 79.70): BJ0

Ion 94.00 (93.70 to 94.70): BJ0

Ion 109.00 (108.70 to 109.70): BJ0





#4

DIMP

Concen: 1.80 ug/mL

RT: 4.64 min Scan# 183

Delta R.T. -0.05 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		898625		
123	63.5	43.3	83.3		
43	16.8	0.0	36.5		
41	8.0	0.0	27.9		

Instrument :

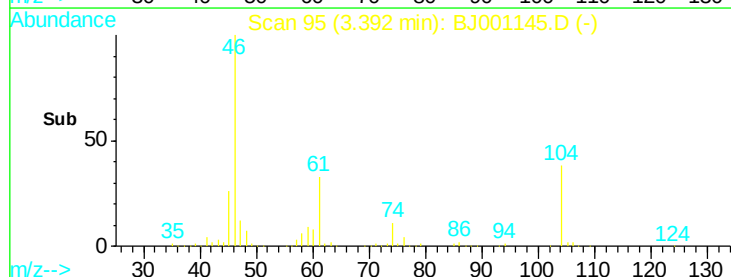
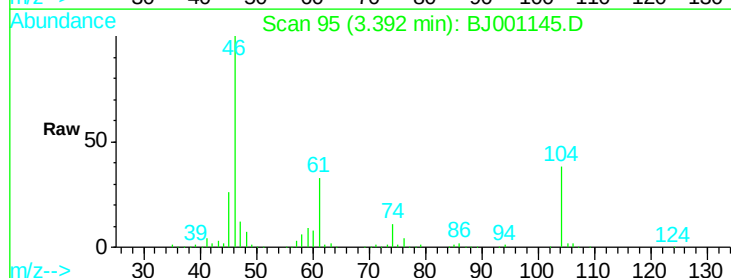
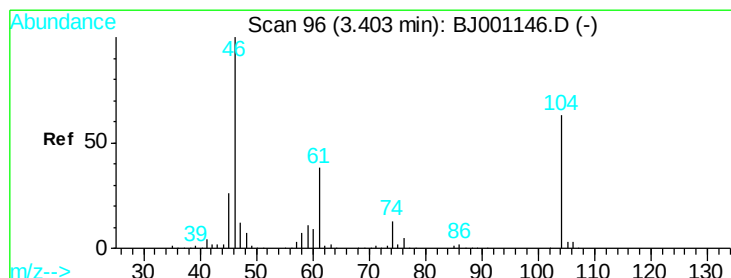
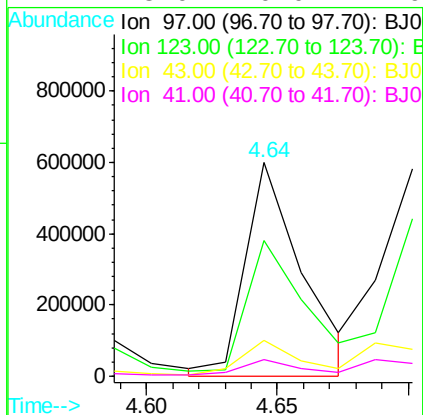
BNA_J

LabSampleId :

CWA-5

Manual Integrations
APPROVED

AHPatel
10/9/2012 7:05:50 AM



#5

1,4-Oxathiane

Concen: 9.74 ug/mL

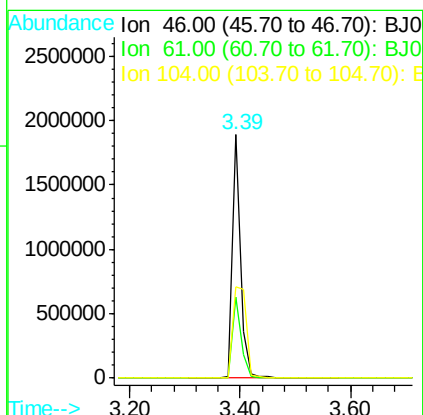
RT: 3.39 min Scan# 95

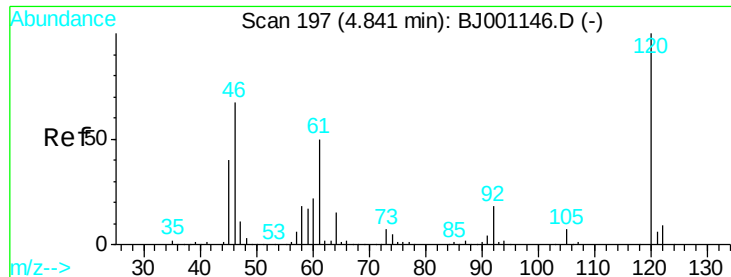
Delta R.T. -0.01 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
46	100			
61	33.5	18.0	58.0	
104	37.6	43.0	83.0	





#7

1,4-Dithiane

Concen: 18.31 ug/mL

RT: 4.80 min Scan# 194

Delta R.T. -0.04 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Instrument :

BNA_J

LabSampleId :

CWA-5

Tgt Ion: 46 Resp: 1640573

Ion Ratio Lower Upper

46 100

61 73.8 54.6 94.6

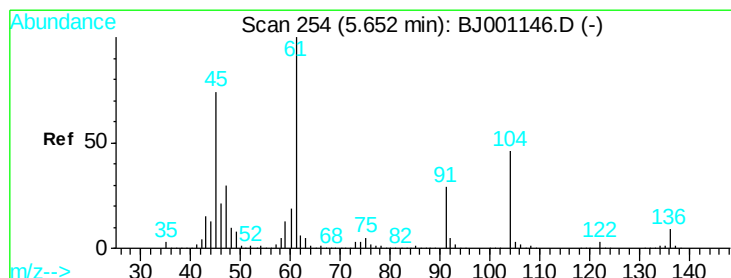
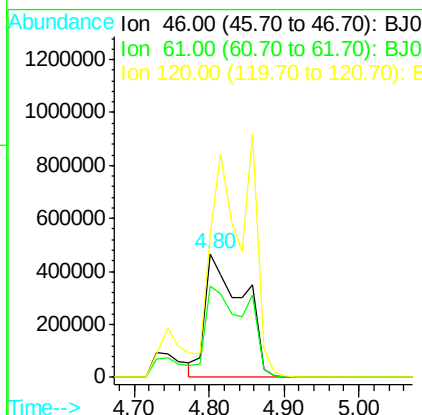
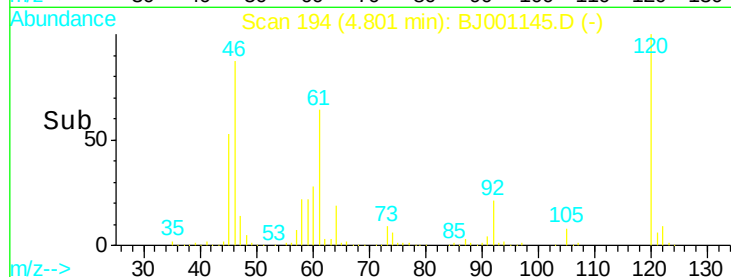
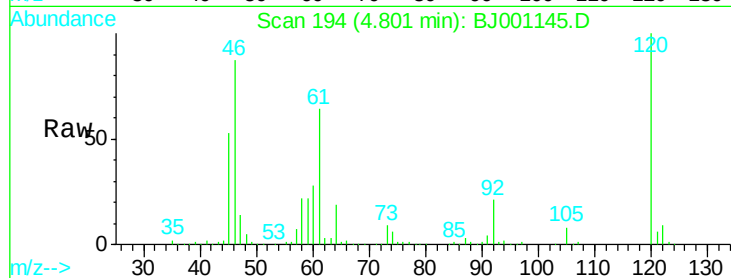
120 115.5 129.2 169.2#

Manual Integrations

APPROVED

AHPatel

10/9/2012 7:05:50 AM



#8

Thiodiglycol

Concen: 143.99 ug/mL

RT: 5.67 min Scan# 255

Delta R.T. 0.02 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

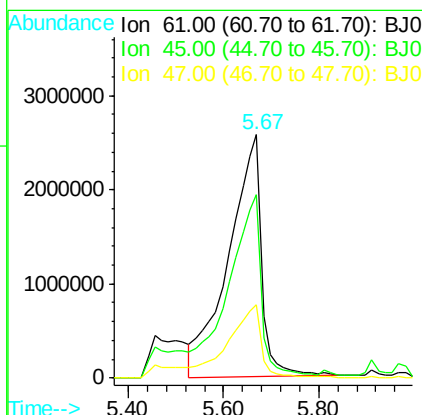
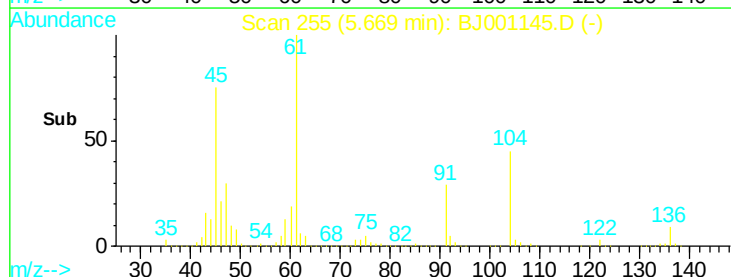
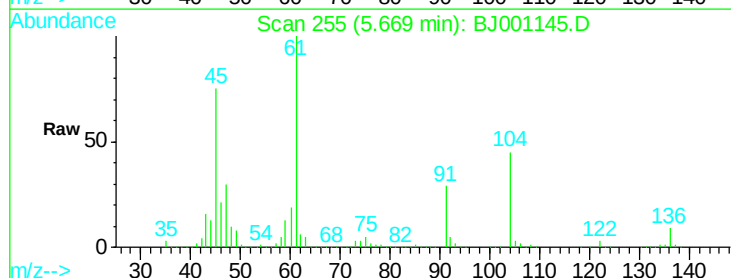
Tgt Ion: 61 Resp:12246993

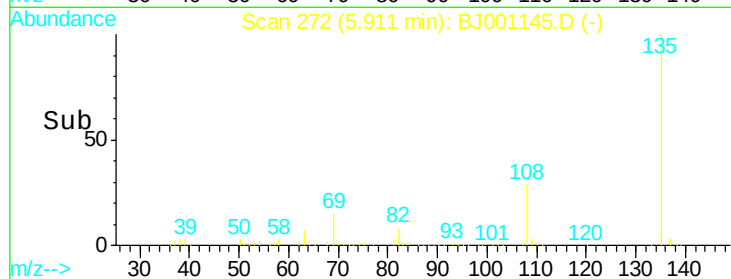
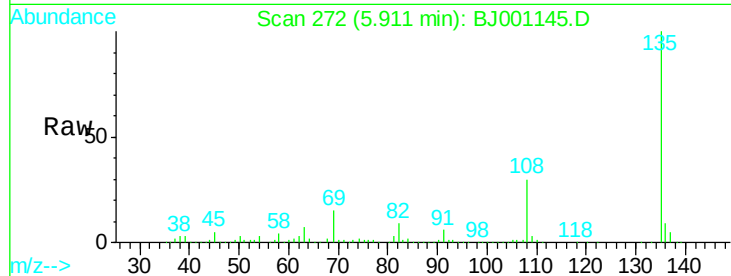
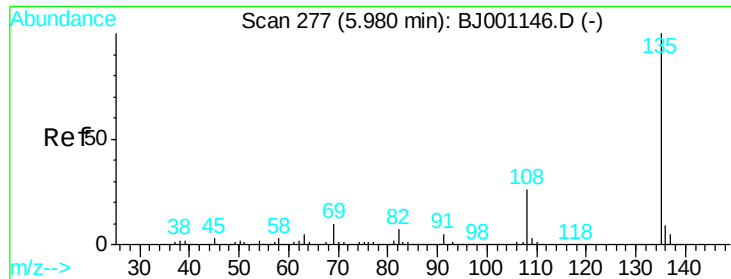
Ion Ratio Lower Upper

61 100

45 75.1 54.2 94.2

47 30.0 9.7 49.7





#9

Benzothiazole

Concen: 23.82 ug/mL

RT: 5.91 min Scan# 272

Delta R.T. -0.07 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Tgt Ion:135 Resp: 6794374

Ion Ratio Lower Upper

135 100

108 29.8 6.2 46.2

69 14.7 0.0 30.4

Instrument :

BNA_J

LabSampleId :

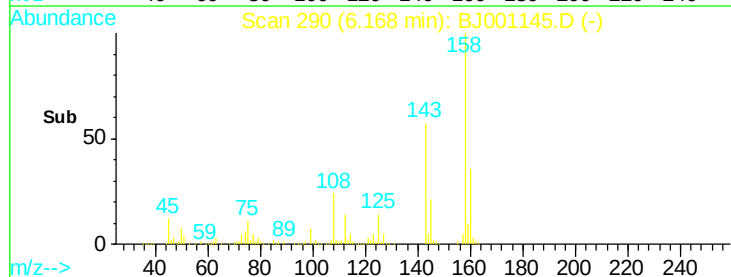
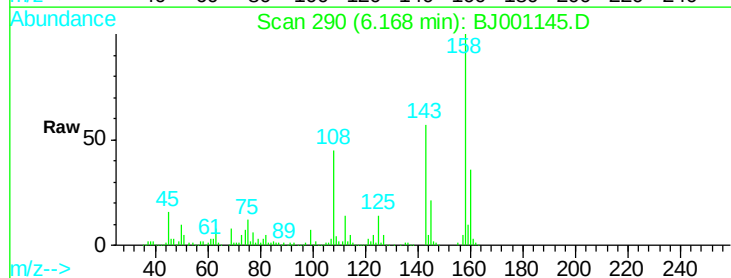
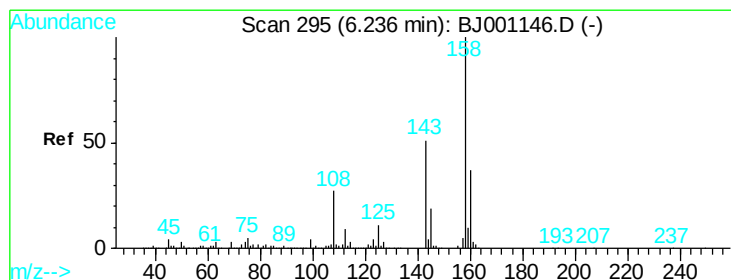
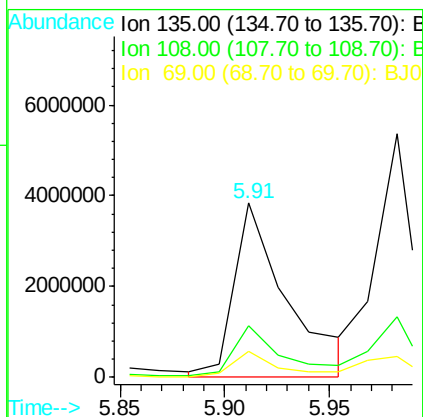
CWA-5

Manual Integrations

APPROVED

AHPatel

10/9/2012 7:05:50 AM



#11

p-Chlorophenylmethylsulfide

Concen: 18.75 ug/mL

RT: 6.17 min Scan# 290

Delta R.T. -0.07 min

Lab File: BJ001145.D

Acq: 24 Sep 2012 16:09

Tgt Ion:158 Resp: 3161694

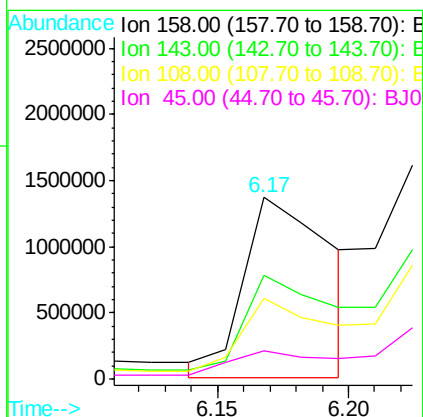
Ion Ratio Lower Upper

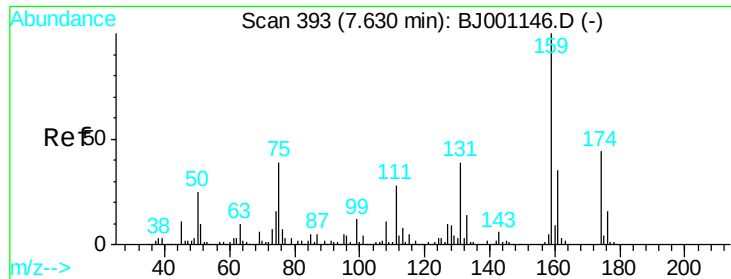
158 100

143 57.1 30.6 70.6

108 44.6 6.9 46.9

45 15.8 0.0 24.3





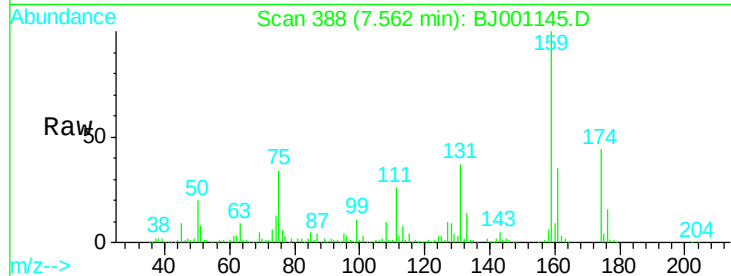
#13
p-Chlorophenylmethylsulfoxide
Concen: 16.75 ug/mL
RT: 7.56 min Scan# 388
Delta R.T. -0.07 min
Lab File: BJ001145.D
Acq: 24 Sep 2012 16:09

Instrument :
BNA_J
LabSampleId :
CWA-5

Tgt Ion:159 Resp: 1807594
Ion Ratio Lower Upper
159 100
174 48.2 0.0 20.4#
108 9.1 0.0 22.2
50 19.1 4.6 44.6

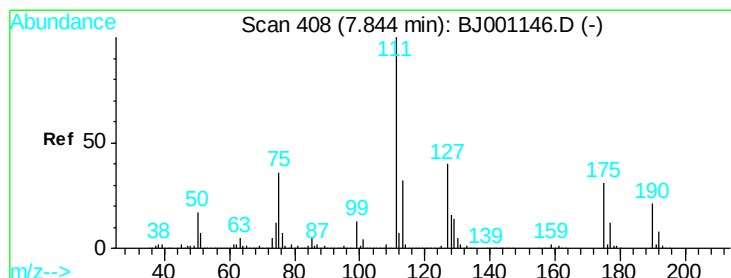
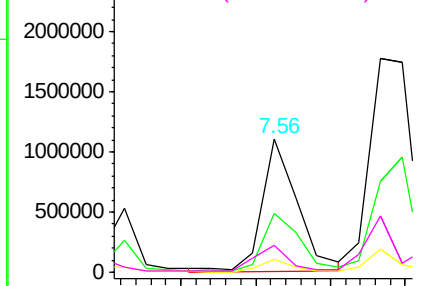
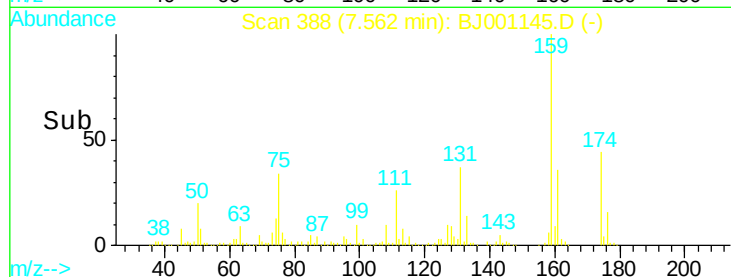
Manual Integrations
APPROVED

AHPatel
10/9/2012 7:05:50 AM



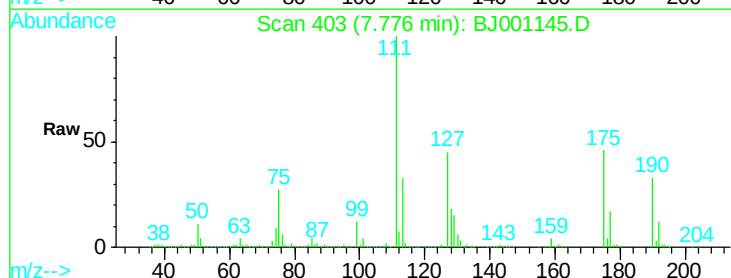
Abundance

Ion 159.00 (158.70 to 159.70): E
Ion 174.00 (173.70 to 174.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 50.00 (49.70 to 50.70): BJ0



#14
p-Chlorophenylmethylsulfone
Concen: 16.60 ug/mL
RT: 7.78 min Scan# 403
Delta R.T. -0.07 min
Lab File: BJ001145.D
Acq: 24 Sep 2012 16:09

Tgt Ion:111 Resp: 2390513
Ion Ratio Lower Upper
111 100
75 27.0 16.1 56.1
127 44.7 19.6 59.6
190 32.6 1.2 41.2



Abundance

Ion 111.00 (110.70 to 111.70): E
Ion 75.00 (74.70 to 75.70): BJ0
Ion 127.00 (126.70 to 127.70): E
Ion 190.00 (189.70 to 190.70): E

