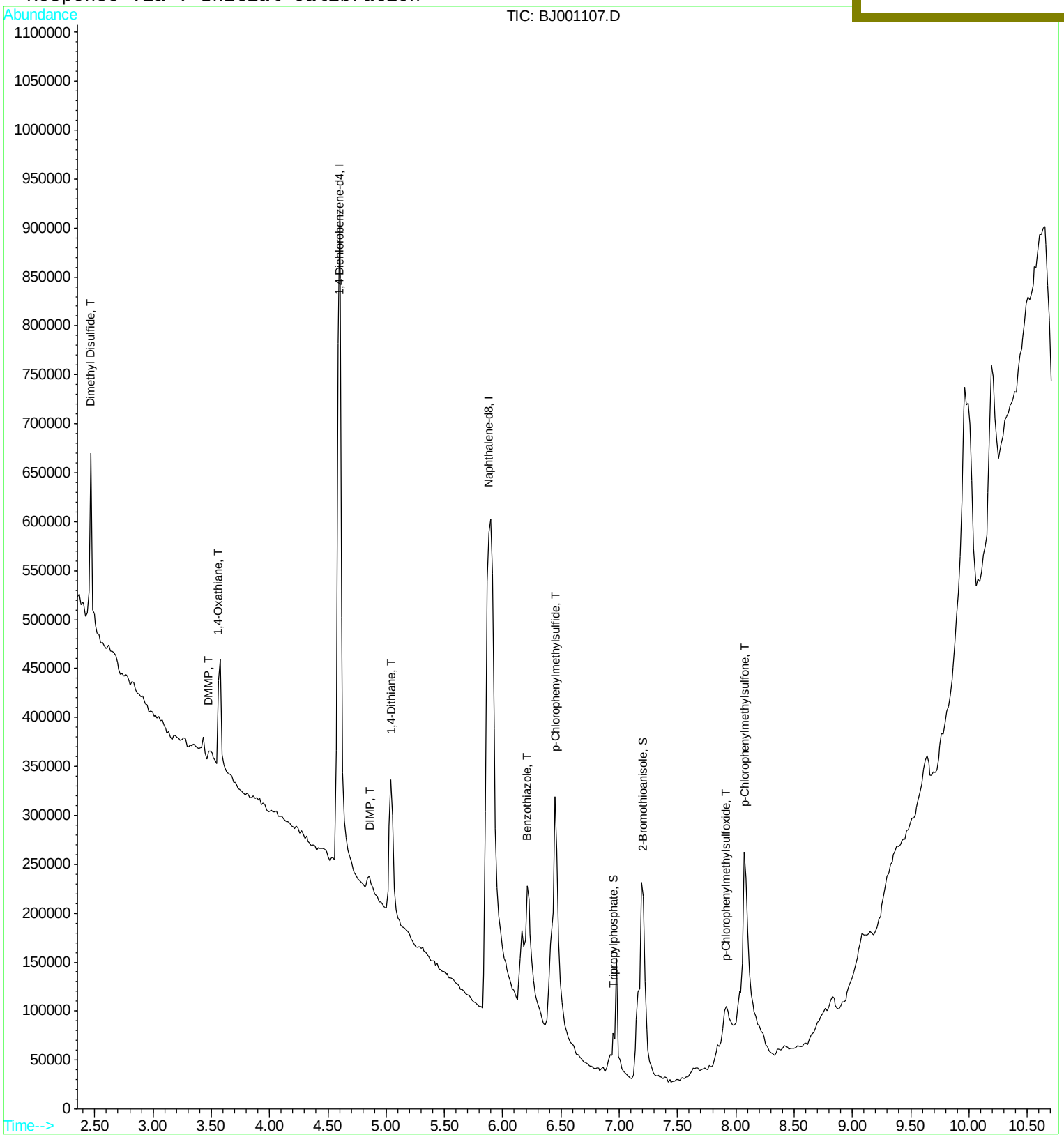
Quantitation Report

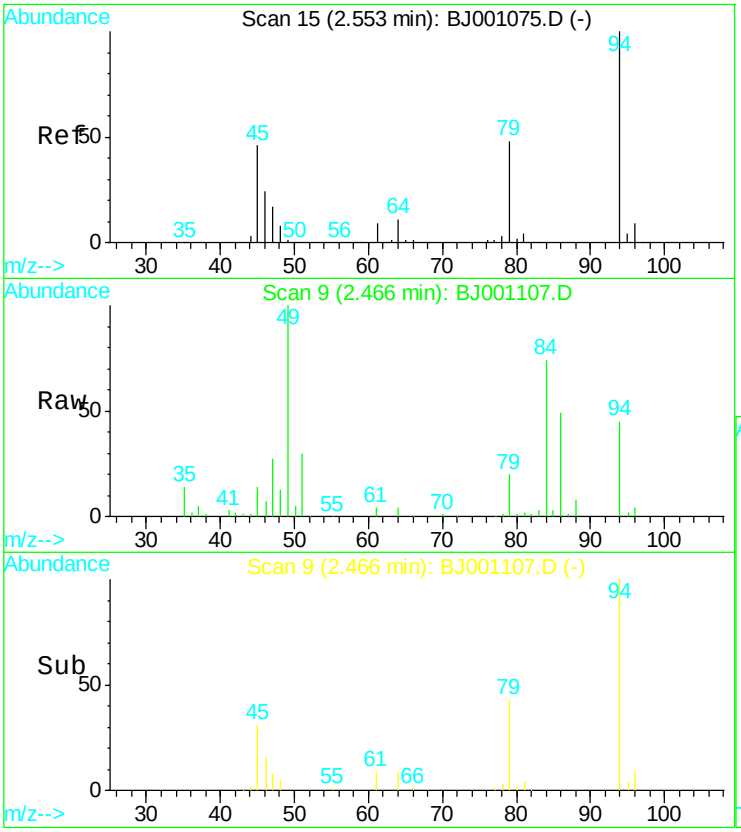
Data File : H:\VOL1\GCMSDATA\J\120911\BJ001107.D Vial: 6
Acq On : 11 Sep 2012 14:27 Operator: HLM
Sample : CWA-2 Inst : BNA J
Misc : CWA STD BNA J HLM Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 11 15:32 2012 Quant Results File: BJ091112.RES

Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degredation products by GCMS
Last Update : Tue Sep 11 15:29:36 2012
Response via : Initial Calibration

Instrument :
BNA_J
LabSampleId :
CWA-2

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:24 AM

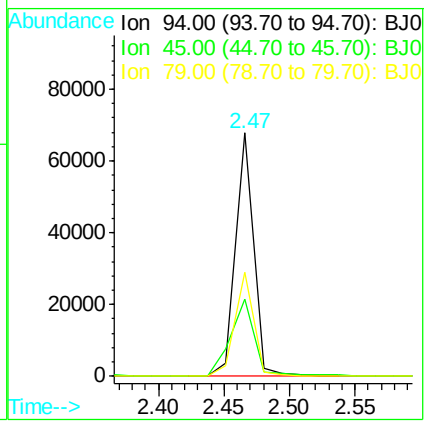




#2
Dimethyl Disulfide
Concen: 0.56 ug/mL
RT: 2.47 min Scan# 9
Delta R.T. 0.00 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion: 94 Resp: 64394

Ion	Ratio	Lower	Upper
94	100		
45	31.7	12.7	52.7
79	42.9	22.9	62.9



Instrument :
BNA_J
LabSampleId :
CWA-2

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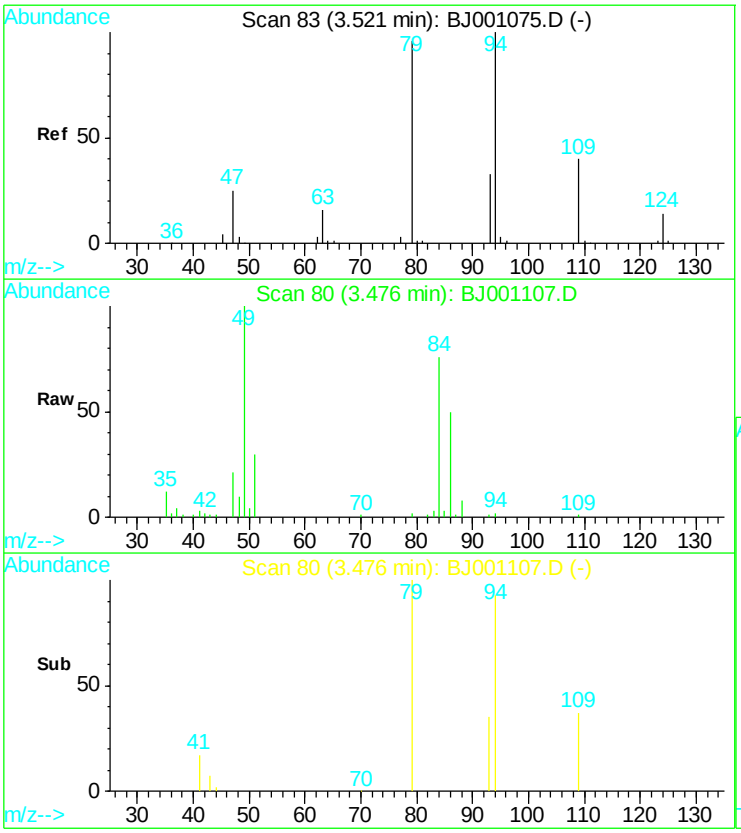
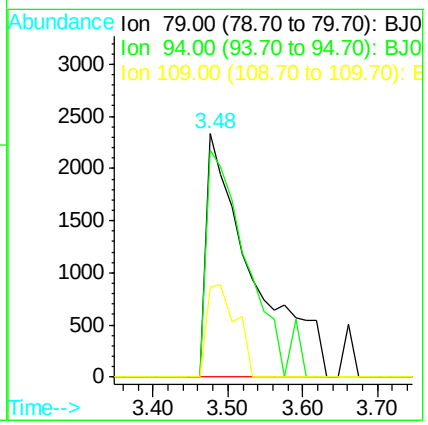
9/20/2012 5:29:24 AM

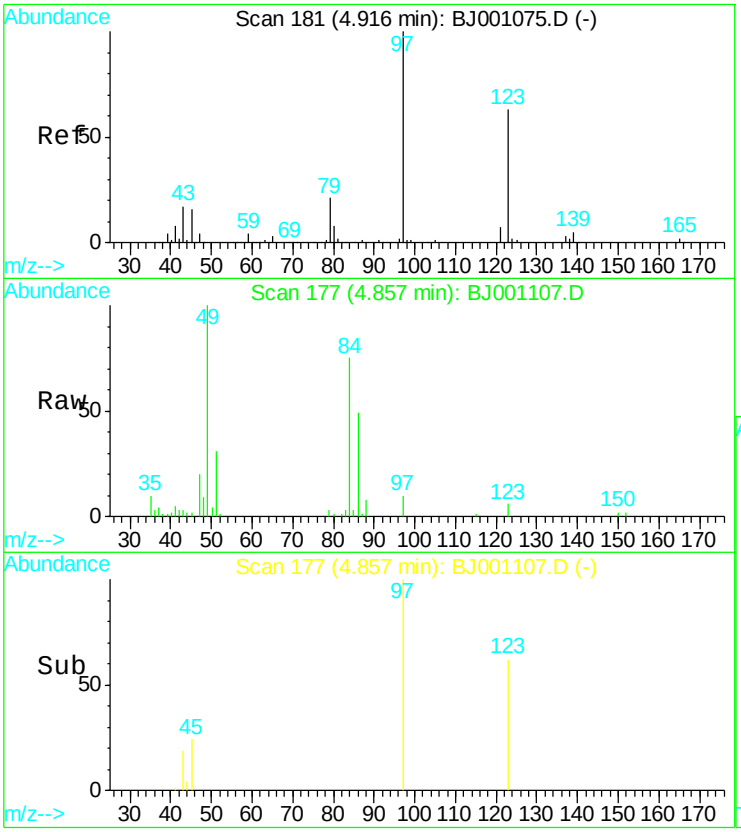


#3
DMMP
Concen: 0.07 ug/mL
RT: 3.48 min Scan# 80
Delta R.T. 0.00 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion: 79 Resp: 10032

Ion	Ratio	Lower	Upper
79	100		
94	93.1	80.9	120.9
109	37.1	20.3	60.3

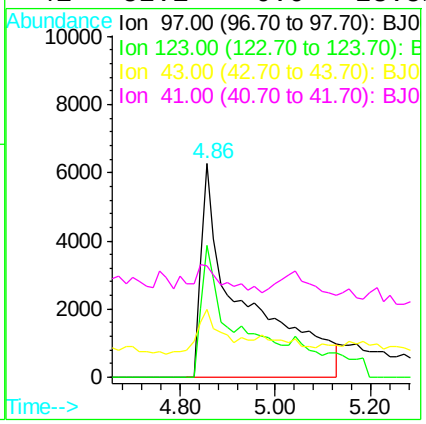




#4
DIMP
Concen: 0.16 ug/mL
RT: 4.86 min Scan# 177
Delta R.T. -0.03 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion: 97 Resp: 37992

Ion	Ratio	Lower	Upper
97	100		
123	61.9	47.2	87.2
43	31.5	0.0	36.5
41	52.1	0.0	28.5#



Instrument :
BNA_J
LabSampleId :
CWA-2

Manual Integrations APPROVED
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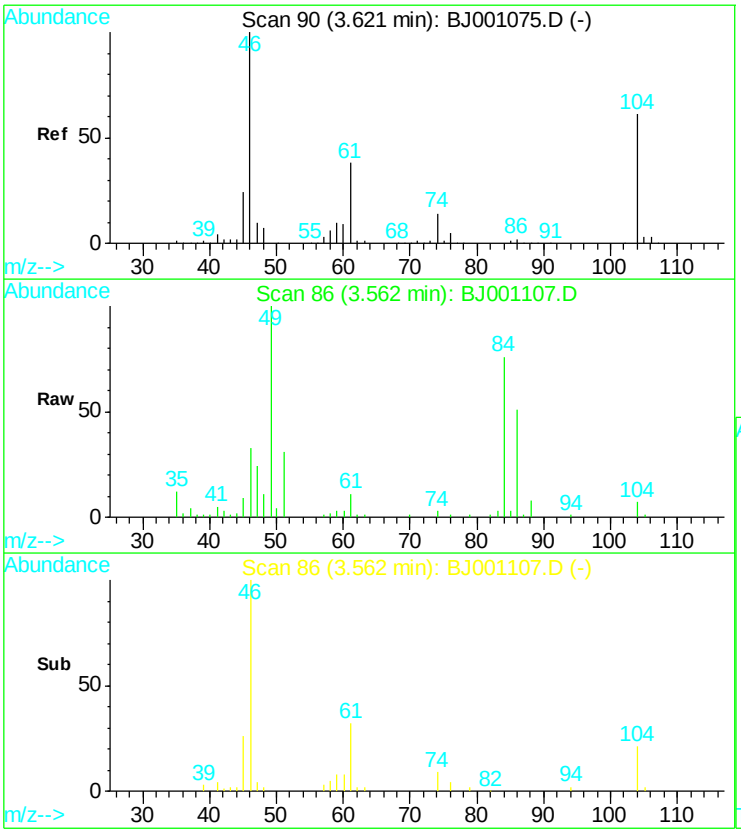
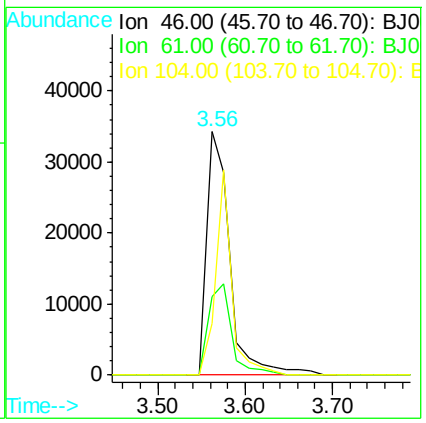
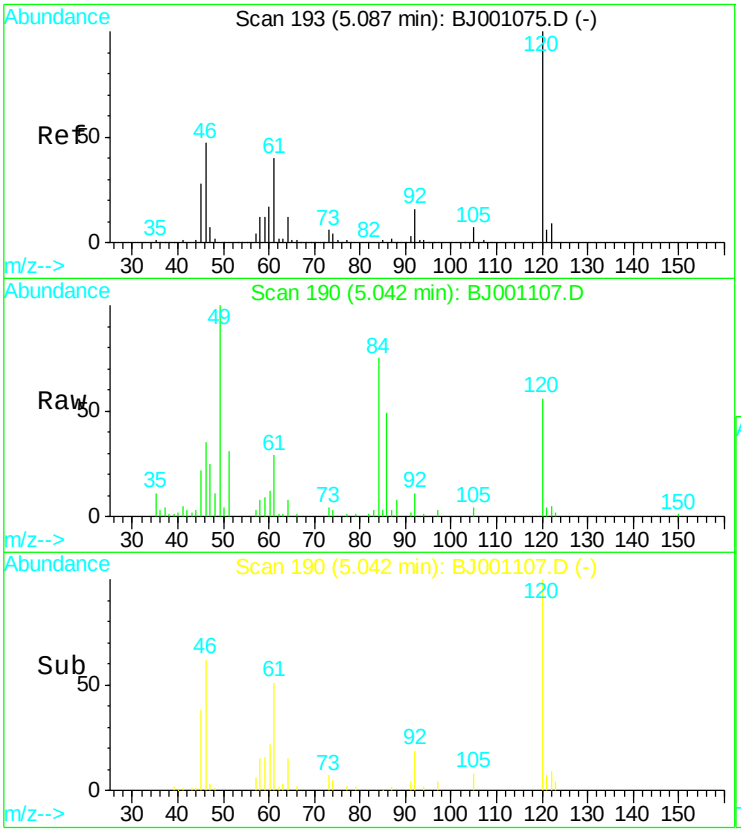


#5
1,4-Oxathiane
Concen: 0.45 ug/mL
RT: 3.56 min Scan# 86
Delta R.T. -0.01 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion: 46 Resp: 63725

Ion	Ratio	Lower	Upper
46	100		
61	32.1	17.1	57.1
104	21.4	29.3	69.3#

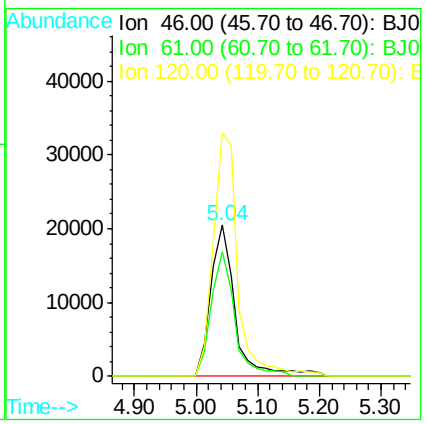




#7
1,4-Dithiane
Concen: 0.46 ug/mL
RT: 5.04 min Scan# 190
Delta R.T. 0.00 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion: 46 Resp: 56494

Ion	Ratio	Lower	Upper
46	100		
61	82.3	60.0	100.0
120	160.8	138.1	178.1



Instrument :
BNA_J
LabSampleId :
CWA-2

Manual Integrations APPROVED
AHPatel
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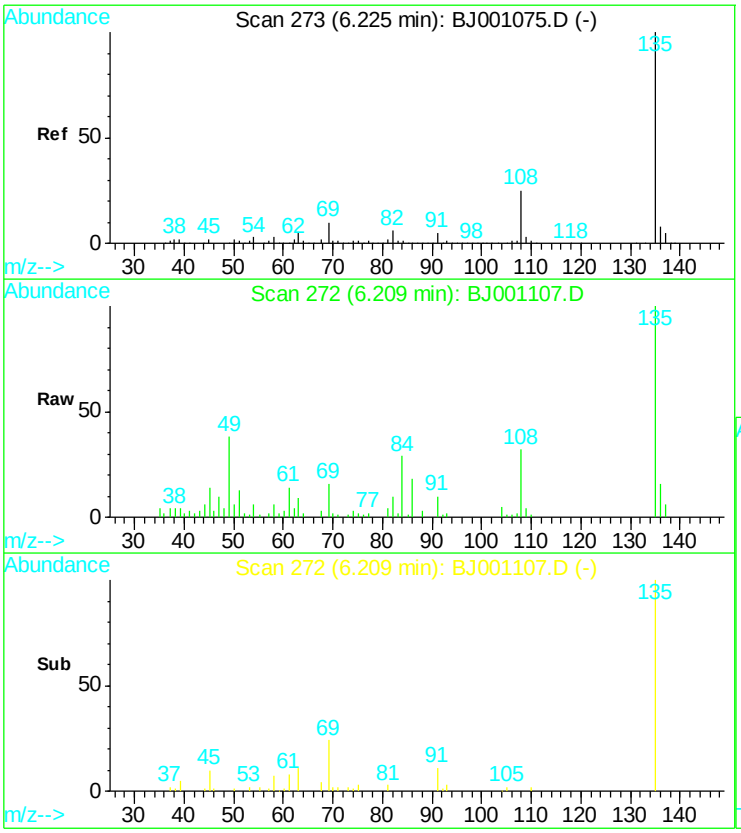
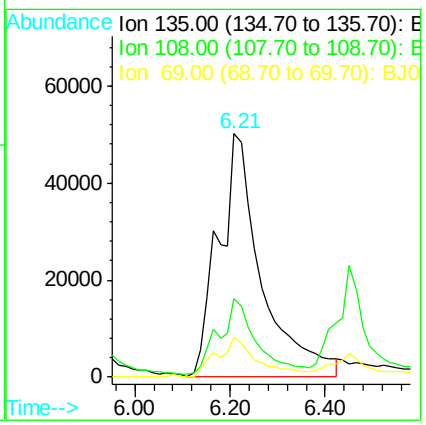
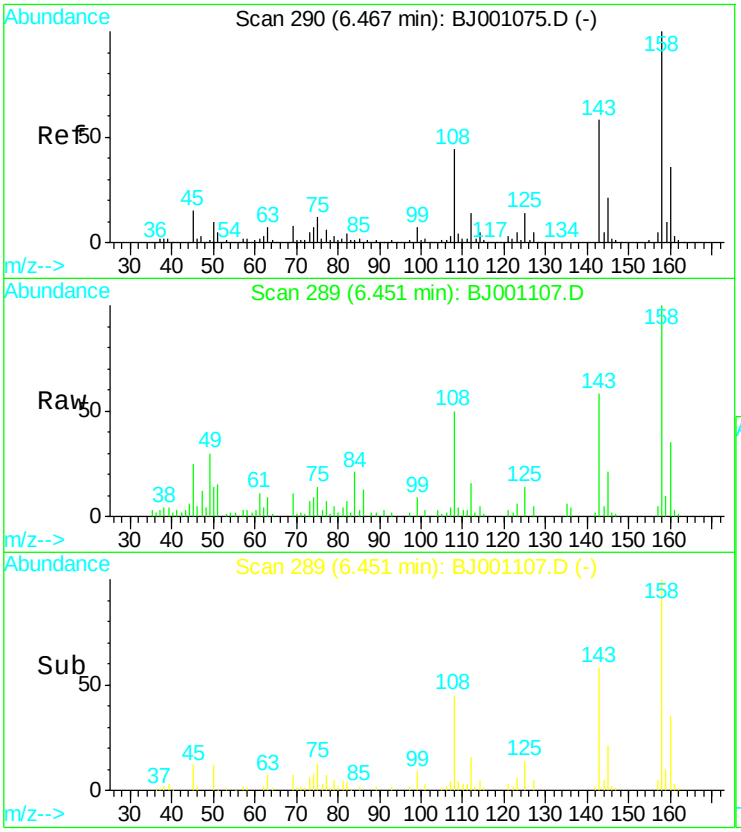


#9
Benzothiazole
Concen: 0.93 ug/mL
RT: 6.21 min Scan# 272
Delta R.T. 0.02 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion:135 Resp: 312104

Ion	Ratio	Lower	Upper
135	100		
108	32.2	5.8	45.8
69	16.5	0.0	30.2

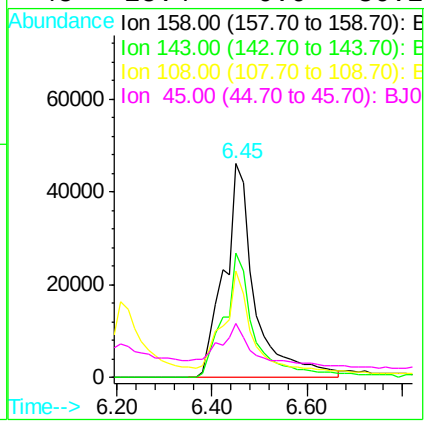




#11
p-Chlorophenylmethylsulfide
Concen: 0.99 ug/mL
RT: 6.45 min Scan# 289
Delta R.T. 0.02 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

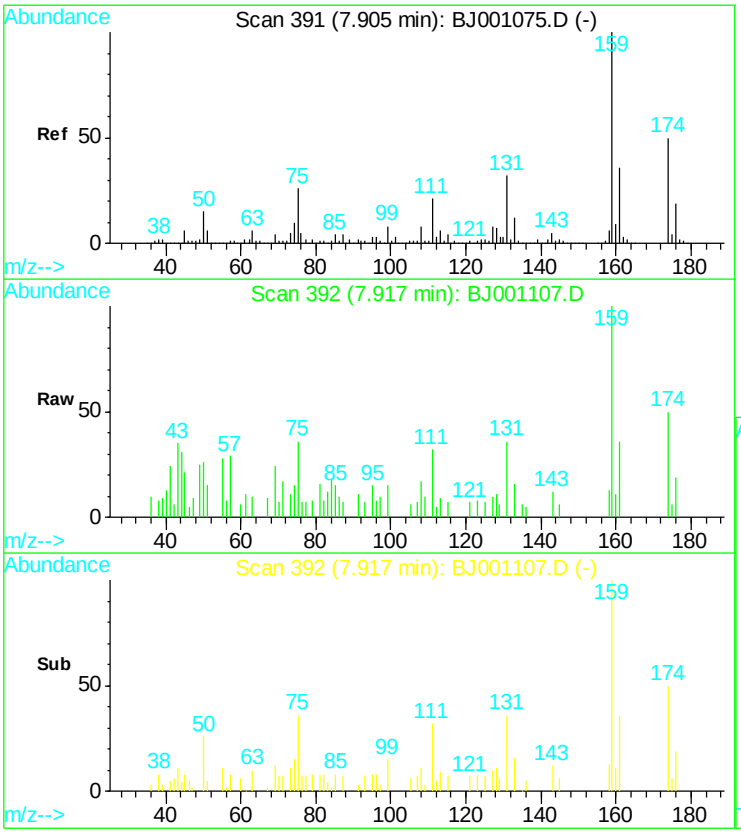
Tgt Ion:158 Resp: 204338

Ion	Ratio	Lower	Upper
158	100		
143	58.1	39.2	79.2
108	50.0	24.9	64.9
45	25.4	0.0	36.2



Instrument :
BNA_J
LabSampleId :
CWA-2

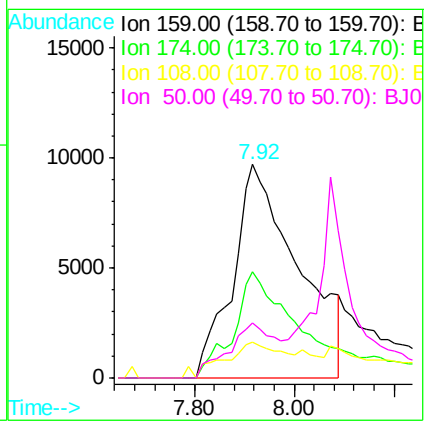
Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:24 AM

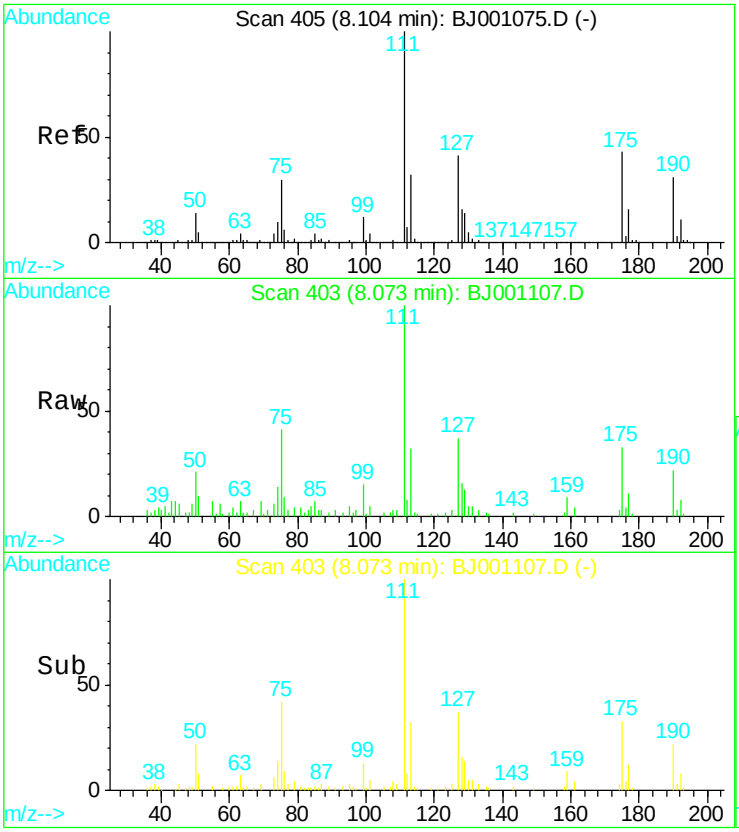


#13
p-Chlorophenylmethylsulfoxide
Concen: 0.78 ug/mL
RT: 7.92 min Scan# 392
Delta R.T. 0.06 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion:159 Resp: 88335

Ion	Ratio	Lower	Upper
159	100		
174	46.4	27.2	67.2
108	15.4	0.0	29.4
50	18.3	0.7	40.7

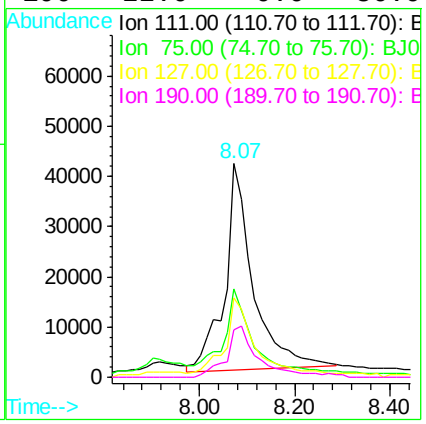




#14
p-Chlorophenylmethylsulfone
Concen: 0.83 ug/mL
RT: 8.07 min Scan# 403
Delta R.T. 0.02 min
Lab File: BJ001107.D
Acq: 11 Sep 2012 14:27

Tgt Ion:111 Resp: 169413

Ion	Ratio	Lower	Upper
111	100		
75	41.1	21.3	61.3
127	37.0	16.0	56.0
190	22.0	0.0	36.9



Instrument :
BNA_J
LabSampleId :
CWA-2

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:24 AM

Quantitation Report (Not Reviewed)

Data File : H:\VOL1\GCMSDATA\J\120911\BJ001107.D Vial: 6
Acq On : 11 Sep 2012 14:27 Operator: HLM
Sample : CWA-2 Inst : BNA J
Misc : CWA STD BNA J HLM Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 11 15:32 2012 Quant Results File: BJ091112.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ091112.M (RTE Integrator)
Title : CWA degredation products by GCMS
Last Update : Tue Sep 11 15:29:36 2012
Response via : Initial Calibration
DataAcq Meth : CWAJ

Instrument :
BNA_J
LabSampleId :
CWA-2

Manual Integrations APPROVED
AHPatel
9/20/2012 5:29:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.60	152	304714	2.00	ug/mL	0.00
6) Naphthalene-d8	5.88	136	1303814	2.00	ug/mL	-0.01
System Monitoring Compounds						
10) Tripropylphosphate	6.95	99	103651	0.22	ug/mL	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 44.00%#			
12) 2-Bromothioanisole	7.21	204	98528	0.97	ug/mL	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 19.40%#			
Target Compounds						Qvalue
2) Dimethyl Disulfide	2.47	94	64394	0.56	ug/mL	99
3) DMMP	3.48	79	10032	0.07	ug/mL	93
4) DIMP	4.86	97	37992	0.16	ug/mL#	78
5) 1,4-Oxathiane	3.56	46	63725	0.45	ug/mL#	73
7) 1,4-Dithiane	5.04	46	56494	0.46	ug/mL	98
9) Benzothiazole	6.21	135	312104	0.93	ug/mL	86
11) p-Chlorophenylmethylsulfid	6.45	158	204338	0.99	ug/mL	93
13) p-Chlorophenylmethylsulfox	7.92	159	88335	0.78	ug/mL	96
14) p-Chlorophenylmethylsulfon	8.07	111	169413	0.83	ug/mL	97

(#) = qualifier out of range (m) = manual integration