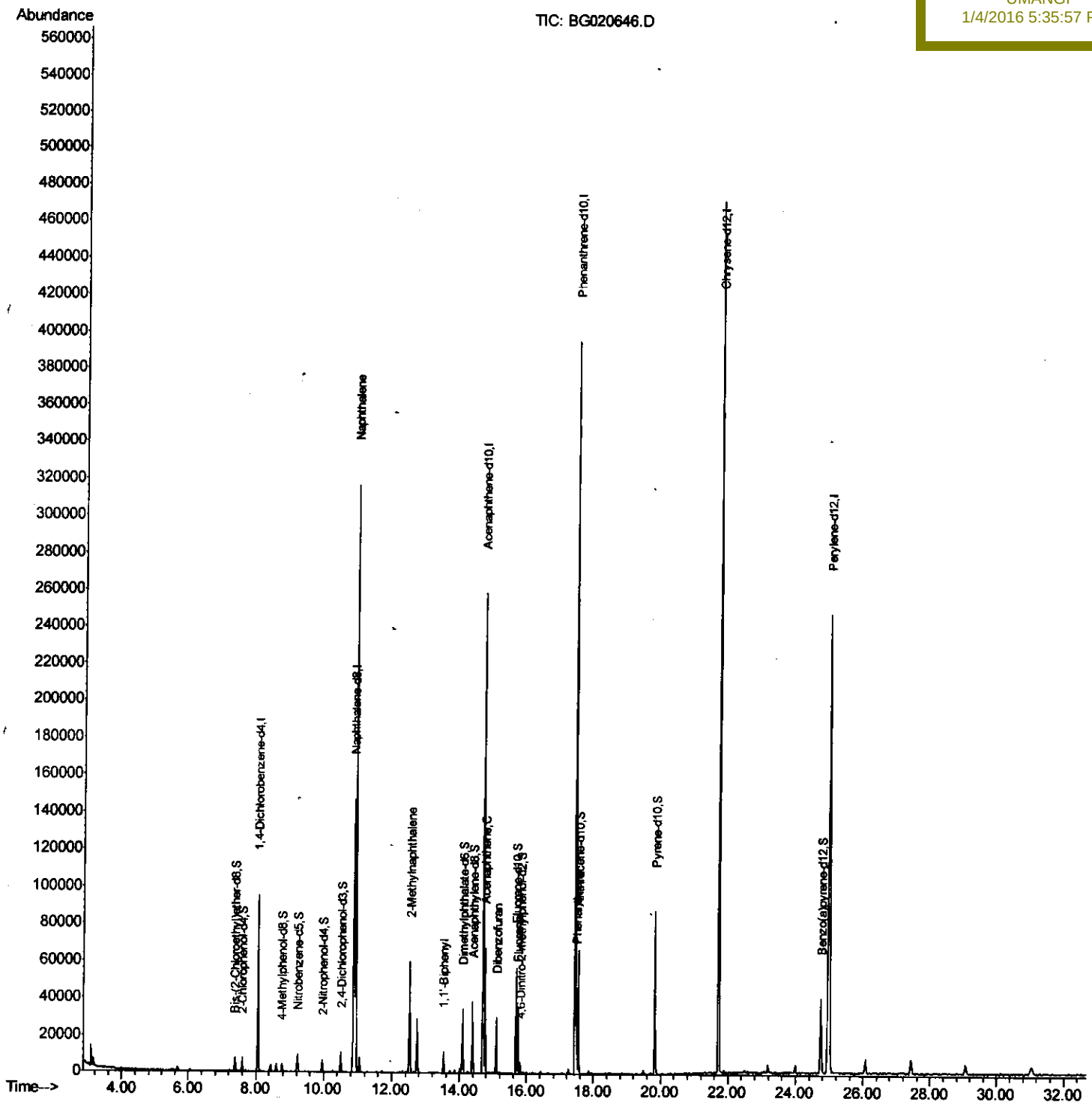
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020646.D
Acq On : 31 Dec 2015 17:55
Operator : UM/SJ
Sample : G4847-02DL 10X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jan 01 04:21:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Manual Integrations APPROVED
UMANGI
1/4/2016 5:35:57 PM



Quantitation Report (Qedit)

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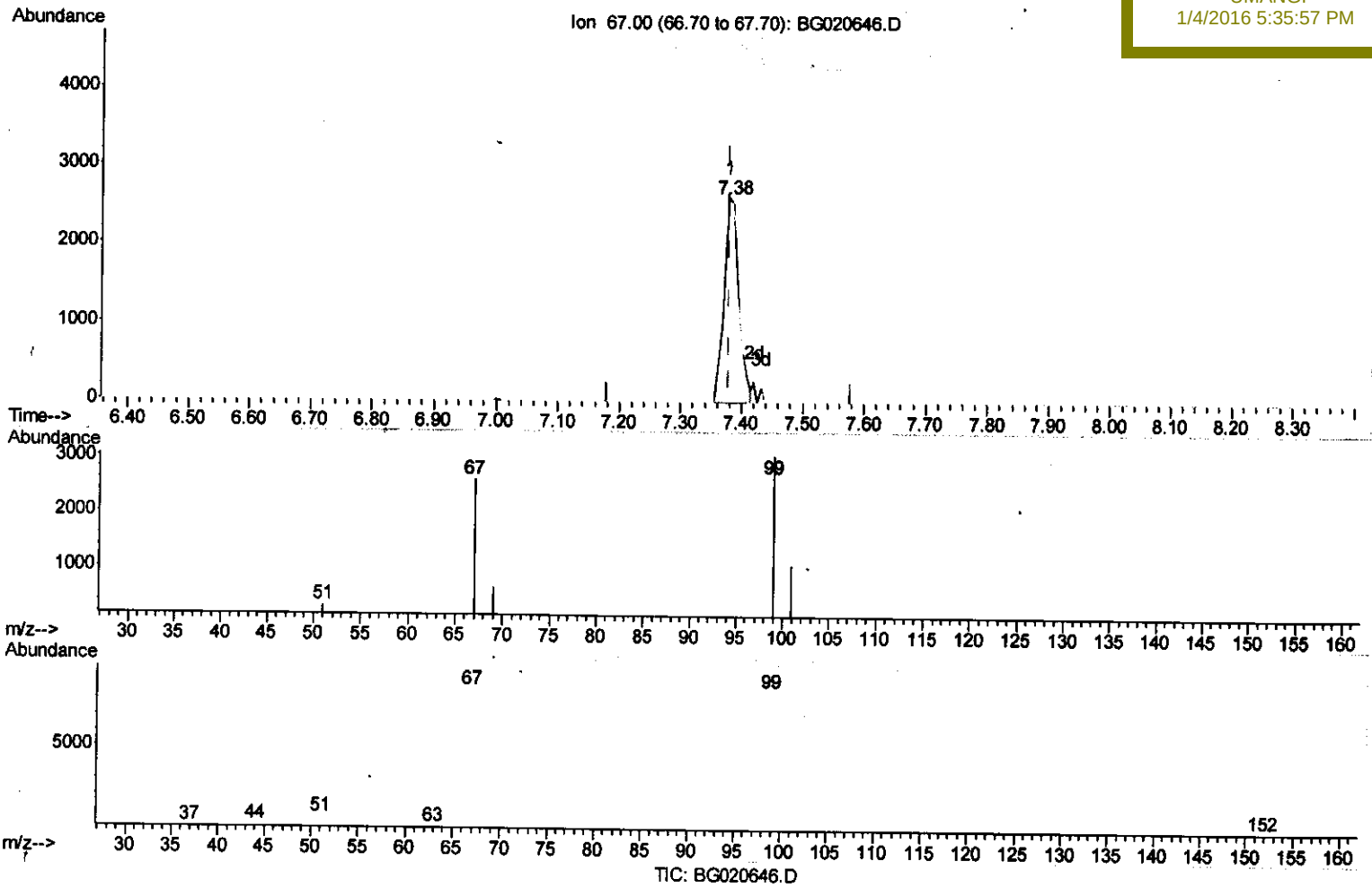

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.379min (-0.000) 2.96ng/ul

response 4279

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	117.23
69.00	33.70	25.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
UMANGI
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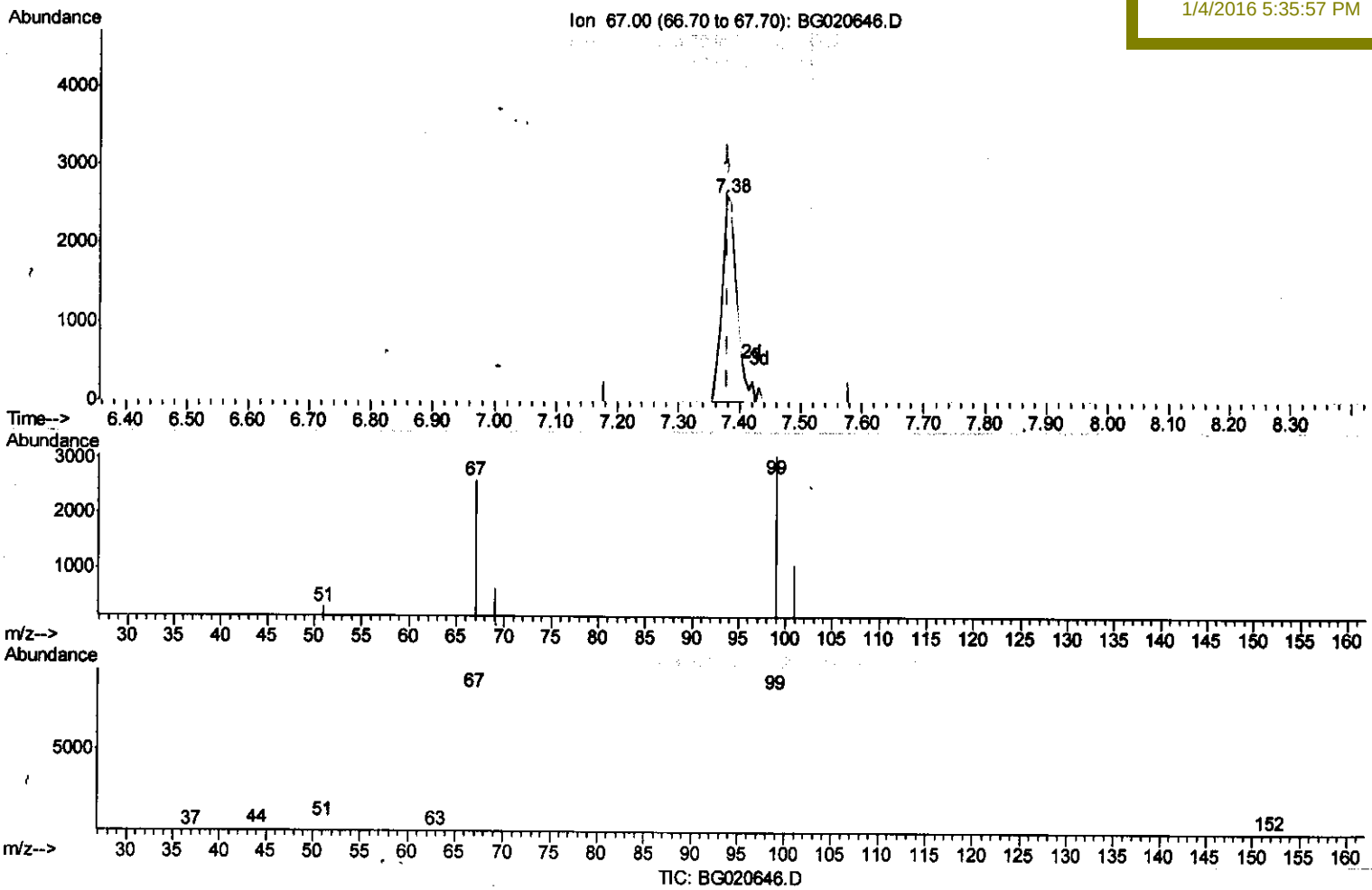

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.379min (-0.000) 3.02ng/ul m U.M 1/2/16

response 4370

Ion	Exp%	Act%
67.00	100	100
99.00	117.60	117.23
69.00	33.70	25.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
UMANGI
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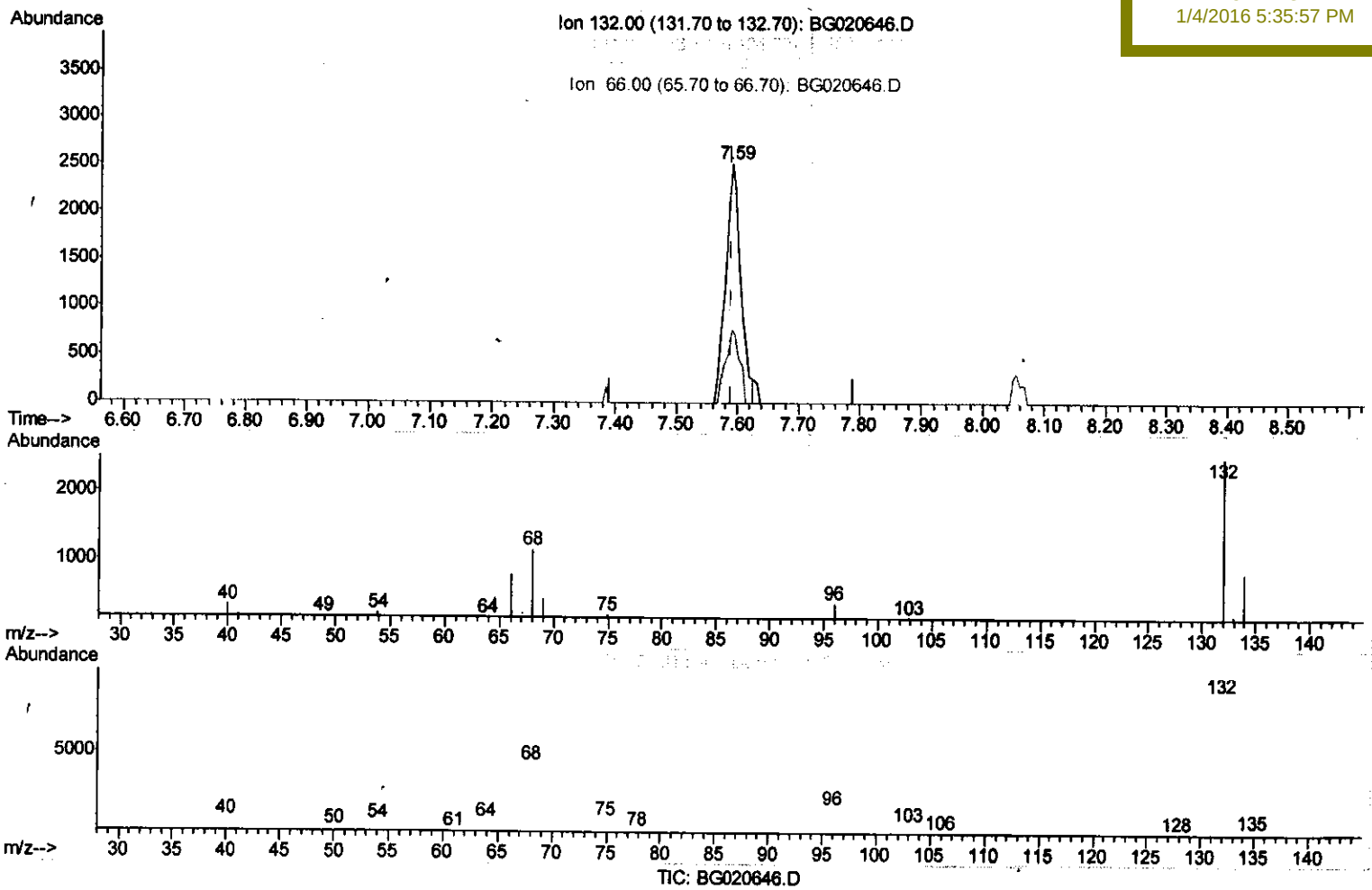

TIC: BG020646.D

(9) 2-Chlorophenol-d4 (S)

7.590min (-0.000) 2.39ng/ul

response 4377

Ion	Exp%	Act%
132.00	100	100
134.00	33.40	32.31
68.00	42.30	45.72
66.00	25.40	31.08#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
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Operator : UM/SJ
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Instrument :
BNA_G
ClientSampleId :
D9N68DL

Manual Integrations APPROVED
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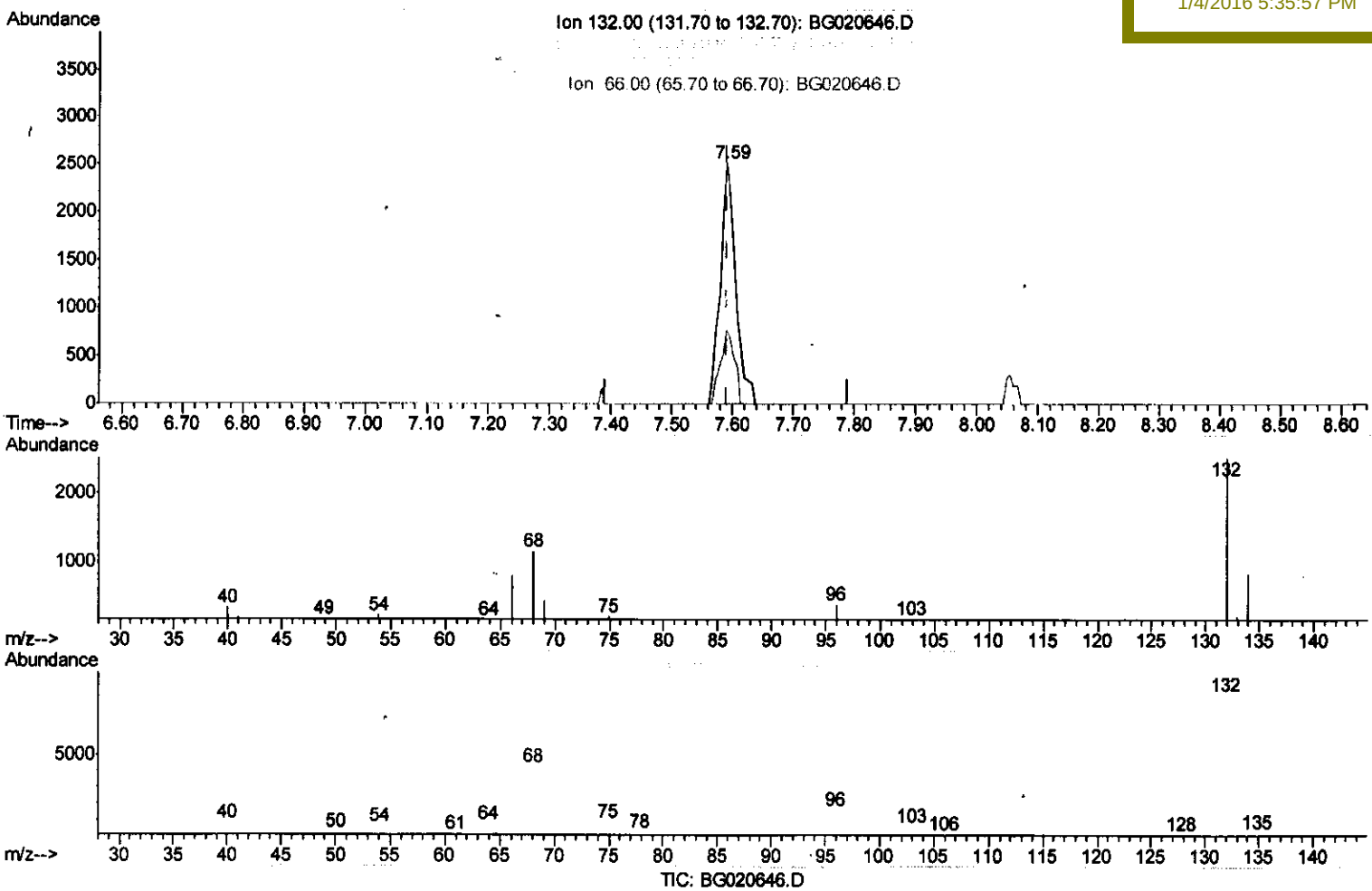

(9) 2-Chlorophenol-d4 (S)

7.590min (-0.000) 2.44ng/ul m U.M 1|2|16

response 4453

Ion	Exp%	Act%
132.00	100	100
134.00	33.40	32.31
68.00	42.30	45.72
66.00	25.40	31.08#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
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Operator : UM/SJ
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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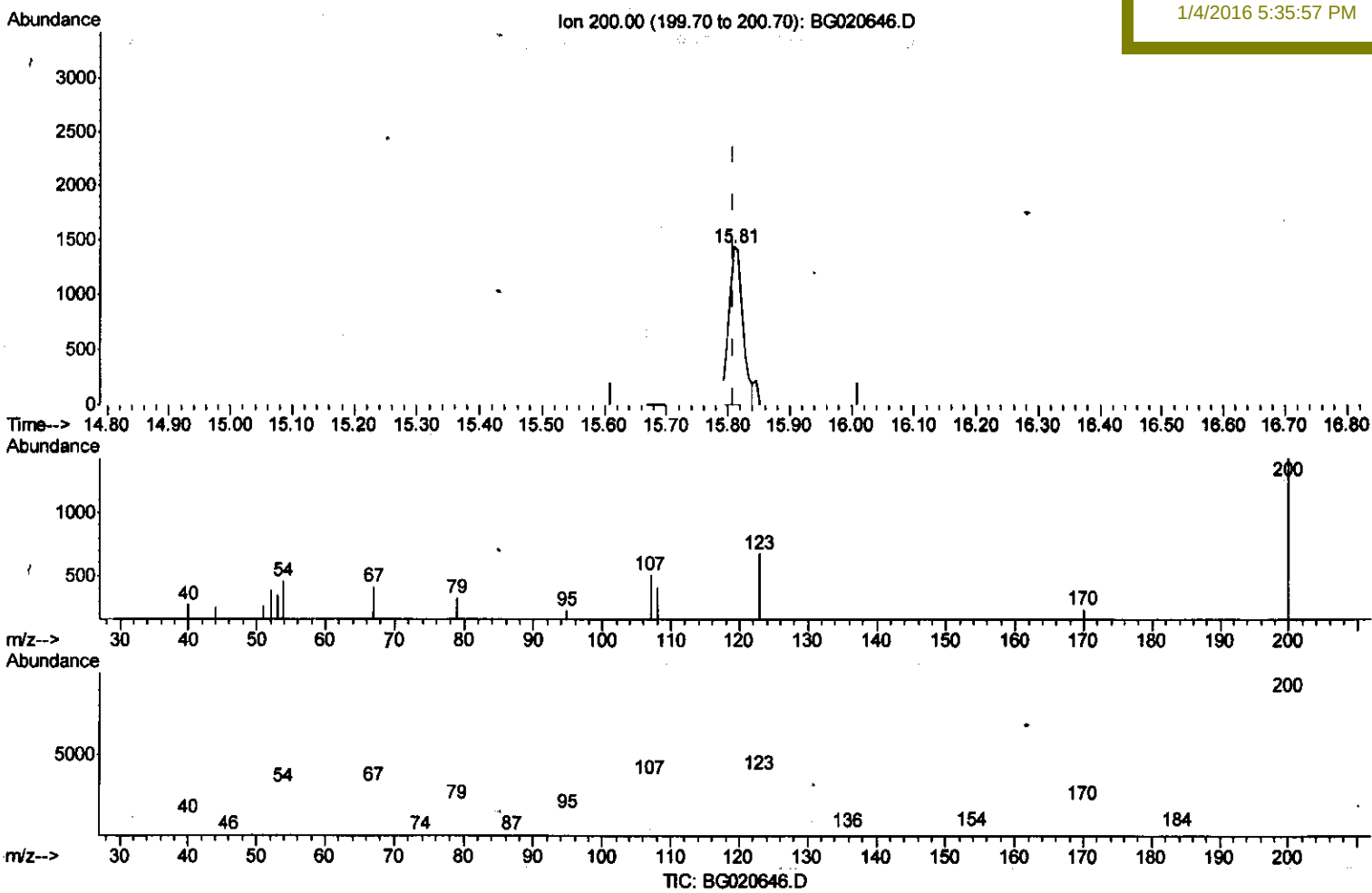

TIC: BG020646.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.810min (-0.000) 1.50ng/ul

response 2304

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	16.59
52.00	31.50	26.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 48 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
D9N68DL

Manual Integrations APPROVED
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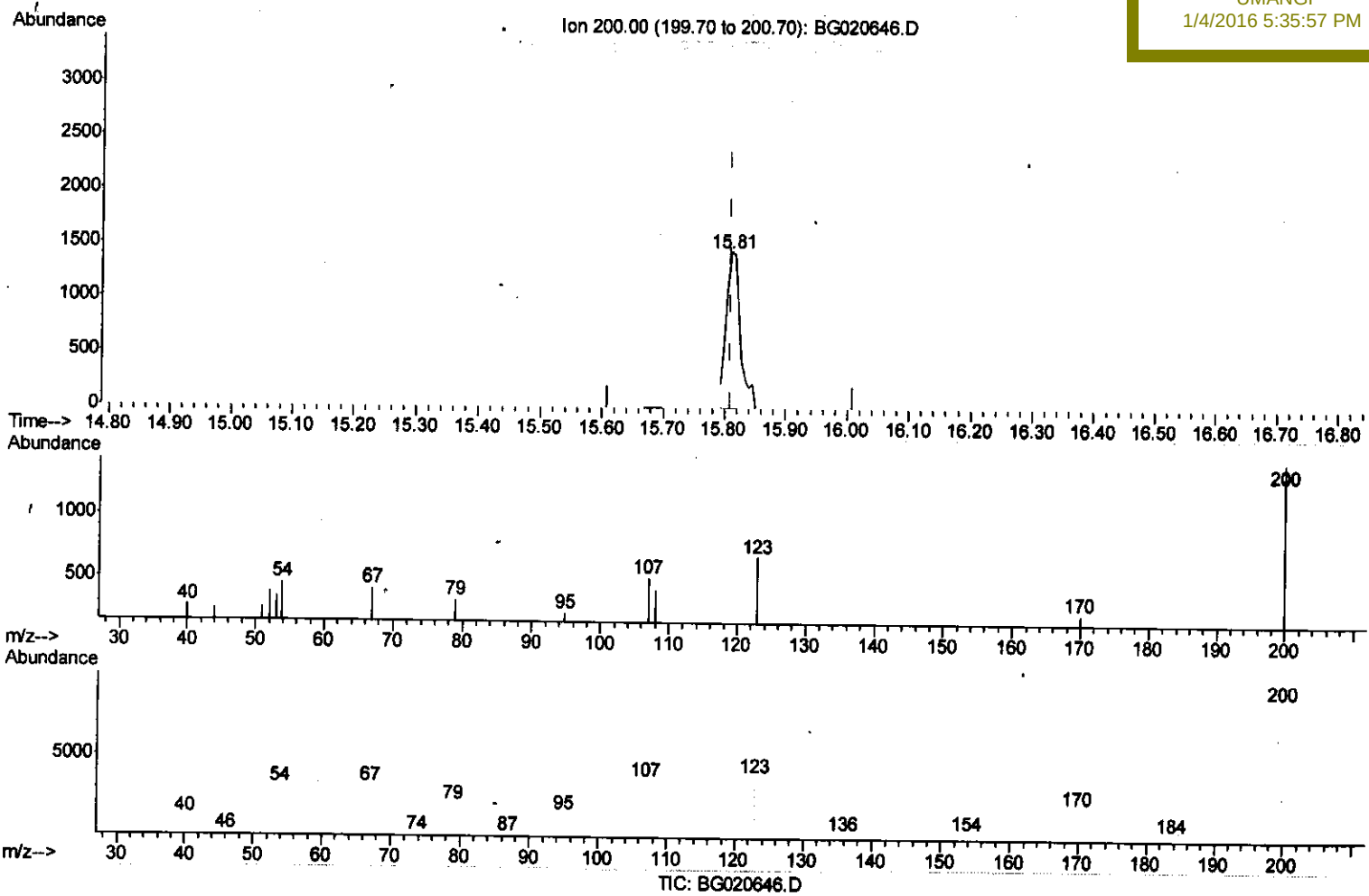

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.810min (-0.000) 1.55ng/ul m U.M 1/2/16

response 2381

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	16.59
52.00	31.50	26.69
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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BNA_G
ClientSampleId :
D9N68DL

Manual Integrations APPROVED
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1/4/2016 5:35:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	126852	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	96281	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	252886	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	309689	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	295816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.23	99	1502	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	4370m	3.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	4453m	2.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	2767	1.35	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3051	3.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	3348	2.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	5881	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	26875	3.41	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	31411	3.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	25364	3.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	2381m	1.55	ng/ul	0.00
71) Anthracene-d10	17.54	188	41241	3.50	ng/ul	0.00
79) Pyrene-d10	19.82	212	49477	3.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	50203	3.40	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.93	128	267032	39.75	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	28954	5.76	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	7621	1.05	ng/ul	99
50) Acenaphthene	14.76	153	29507	4.57	ng/ul	95
54) Dibenzofuran	15.09	168	21475	2.20	ng/ul	99
59) Fluorene	15.74	166	17026	2.17	ng/ul	97
70) Phenanthrene	17.48	178	32584	2.37	ng/ul	98

U.M 1/2/16

U.M 1/2/16

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