Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:49:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integrati
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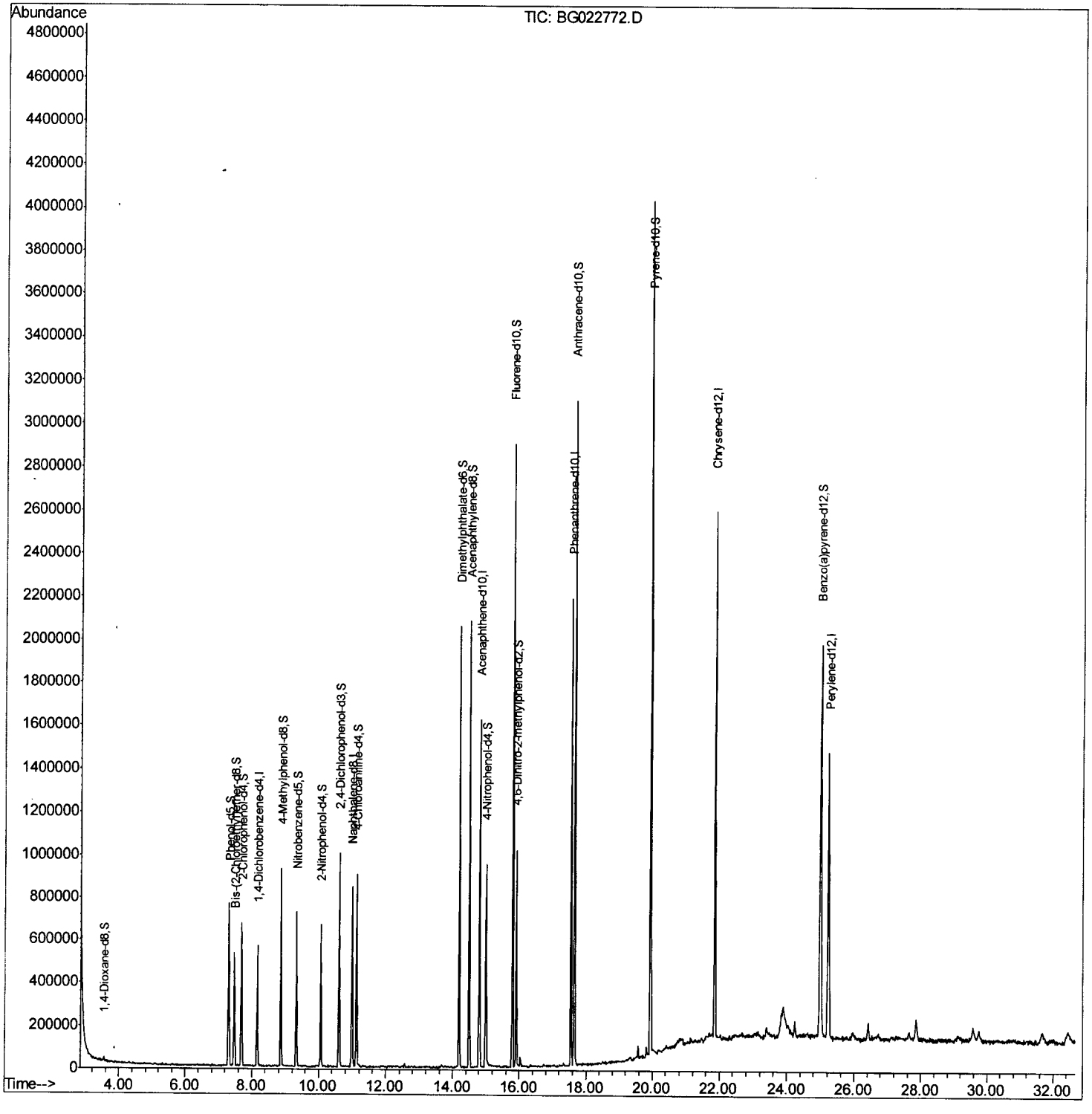
sohil
7/4/2016 1:31:18 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integratio
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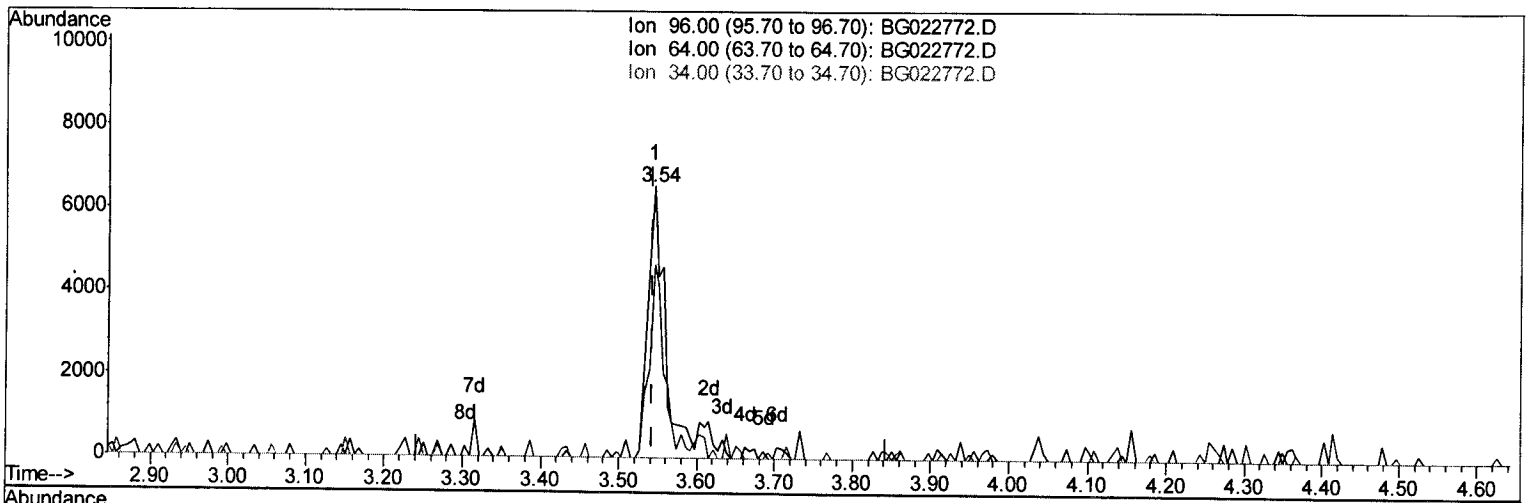

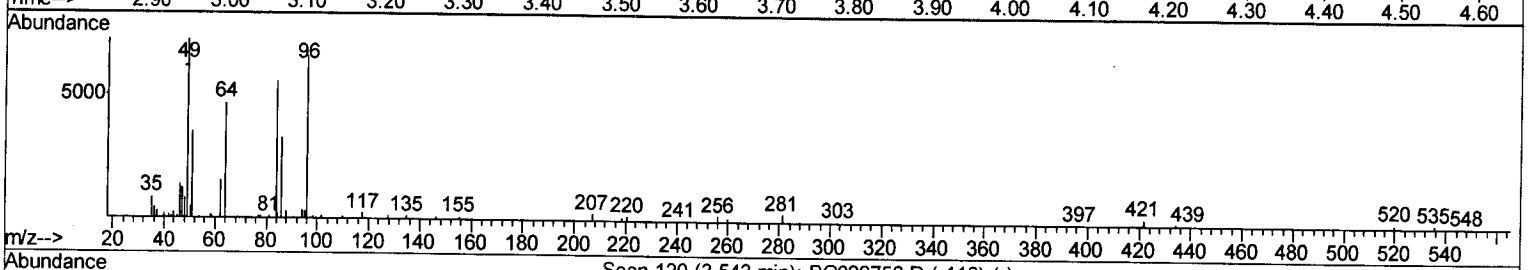

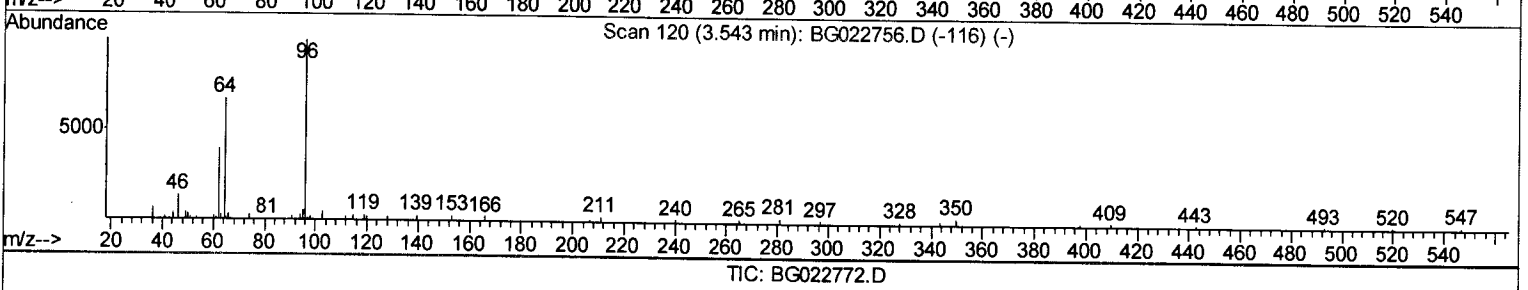

TIC: BG022772.D

(3) 1,4-Dioxane-d8 (S)

3.545min (+0.002) 3.95ng/uL m UM

response 11085 07/09/16

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	71.56
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integrati
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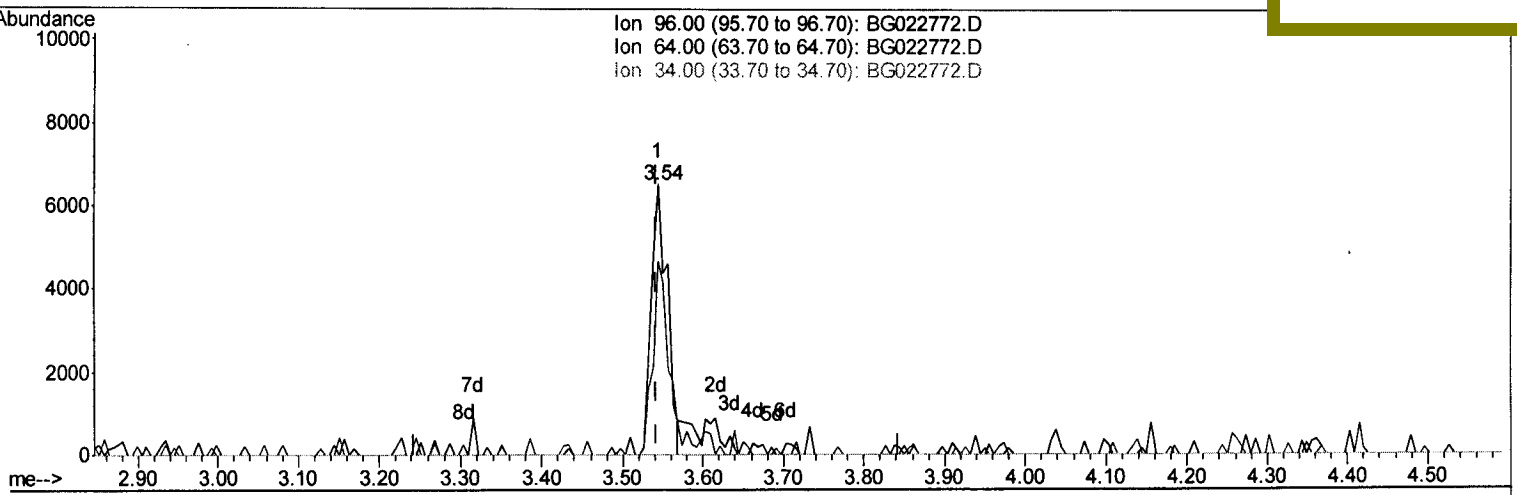

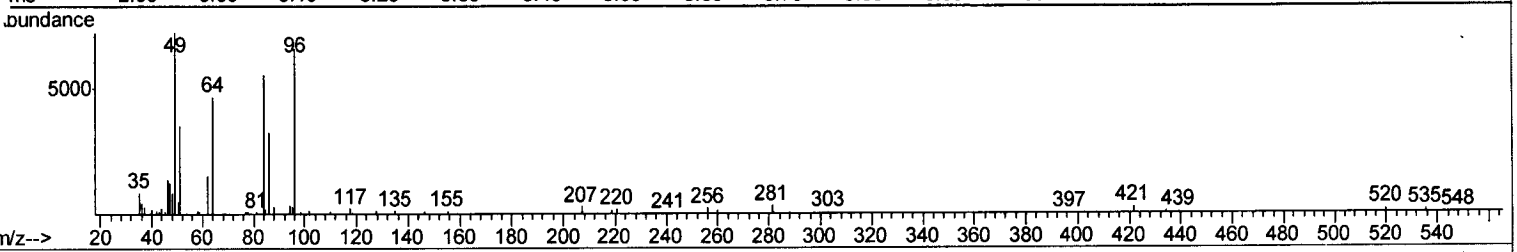

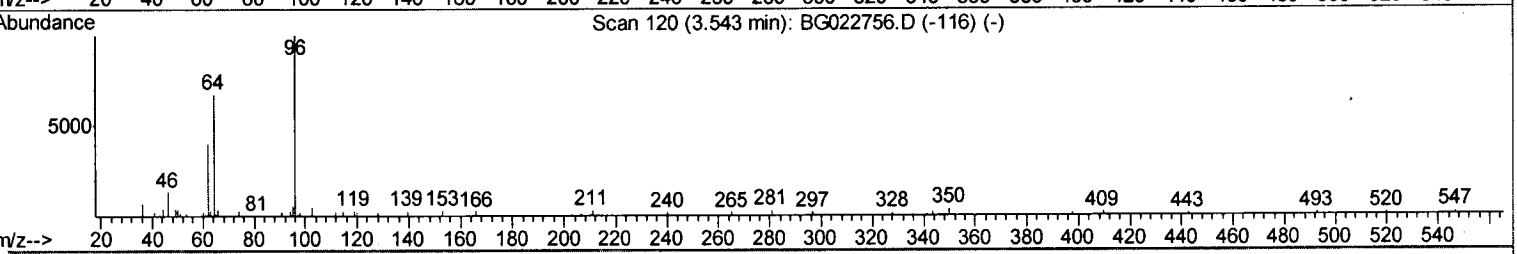

TIC: BG022772.D

(3) 1,4-Dioxane-d8 (S)

3.545min (+0.002) 3.12ng/uL

response 8753

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	71.56
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integratio
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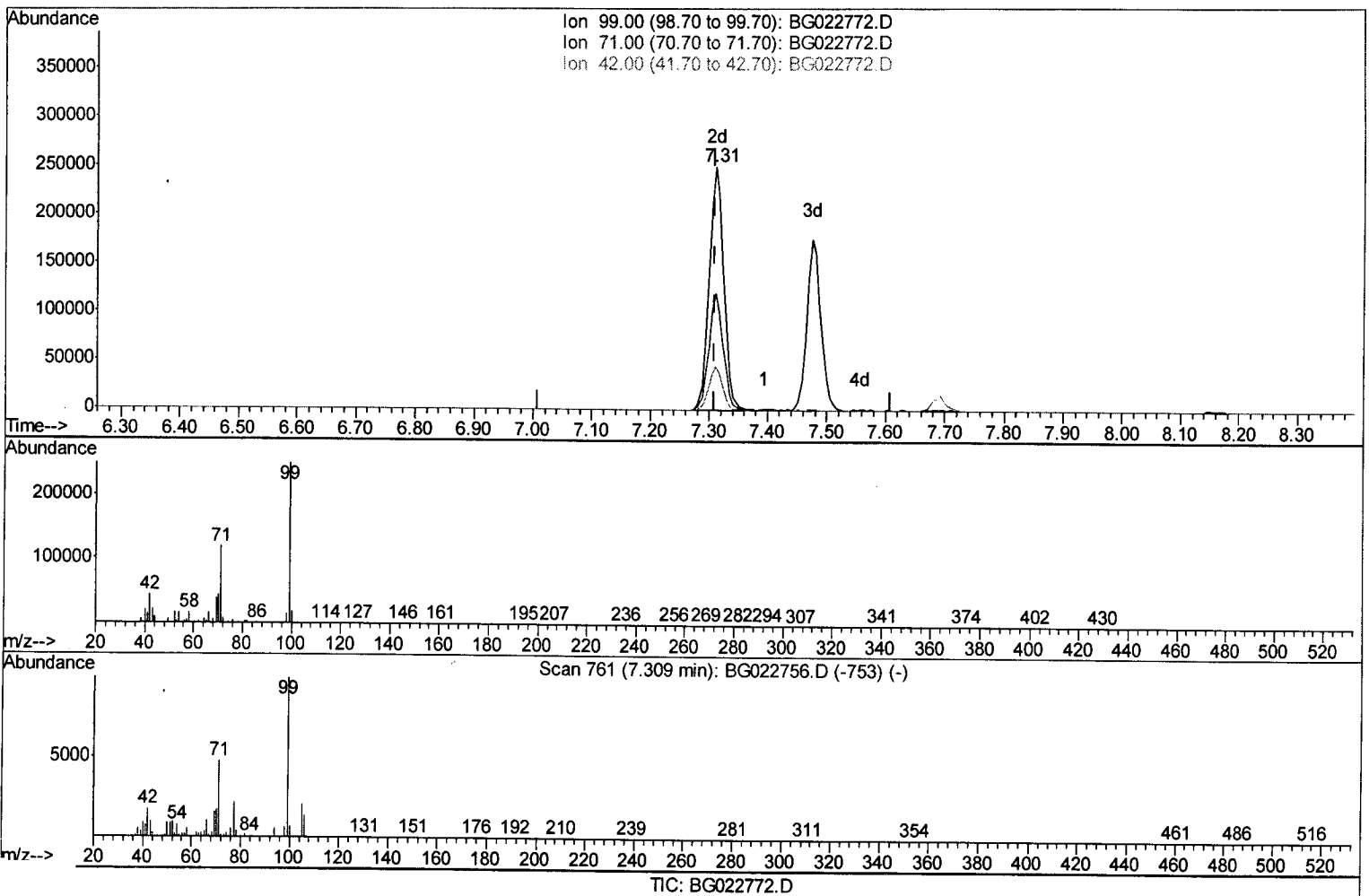

TIC: BG022772.D

(5) Phenol-d5 (S)

7.311min (+0.002) 26.18ng/ul m V.M
07/09/16

response 431403

Ion	Exp%	Act%
99.00	100	100
71.00	25.40	47.72#
42.00	11.10	17.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integrati
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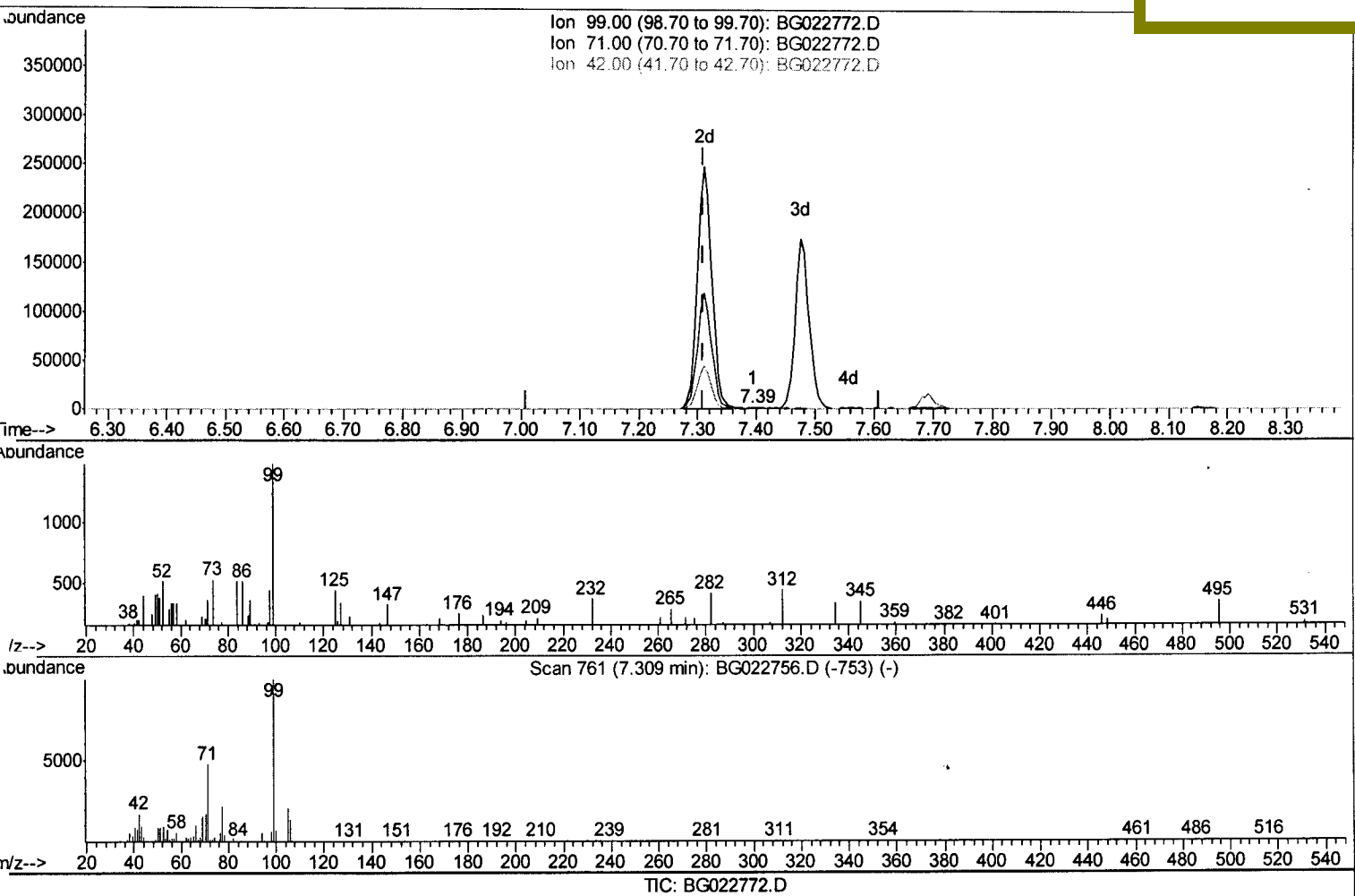

TIC: BG022772.D

(5) Phenol-d5 (S)

7.393min (+0.084) 0.03ng/ul

response 465

Ion	Exp%	Act%
99.00	100	100
71.00	25.40	24.22
42.00	11.10	13.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integratio

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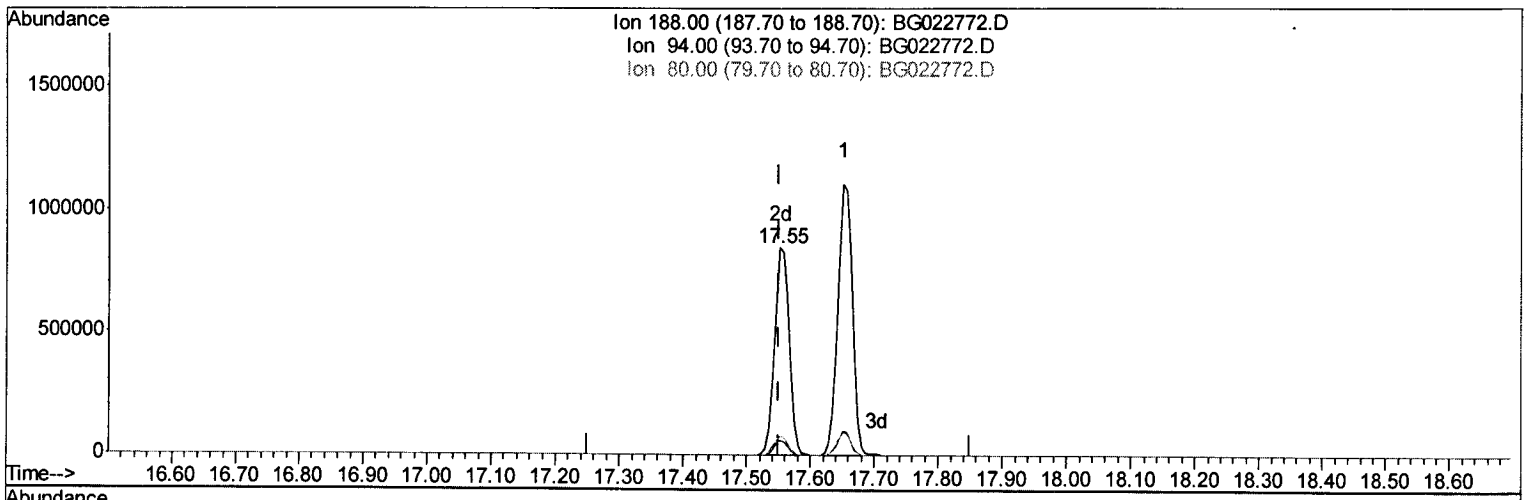

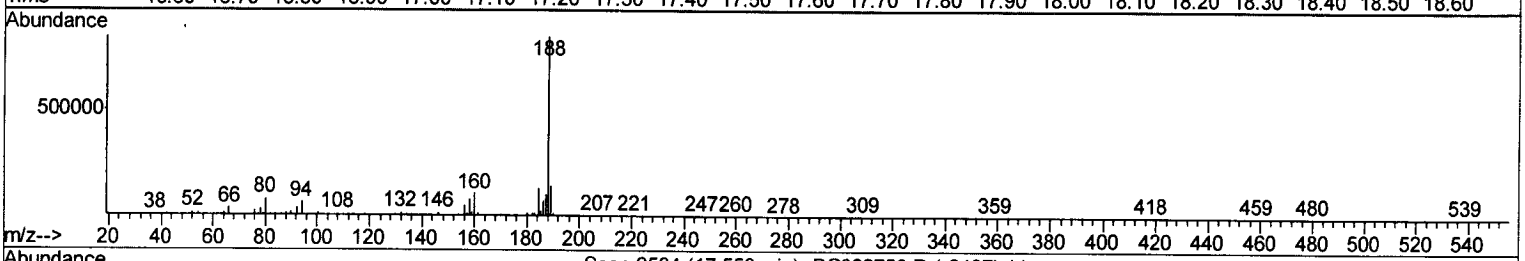

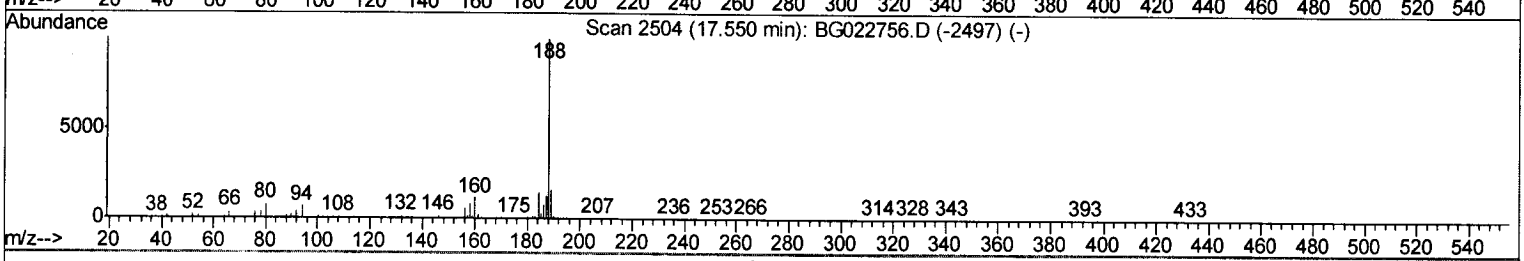

TIC: BG022772.D

(61) Phenanthrene-d10 (I)

17.552min (+0.002) 20.00ng/ul m U.M 07/09/16

response 1368268

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.34#
80.00	10.90	8.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:46:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integratio
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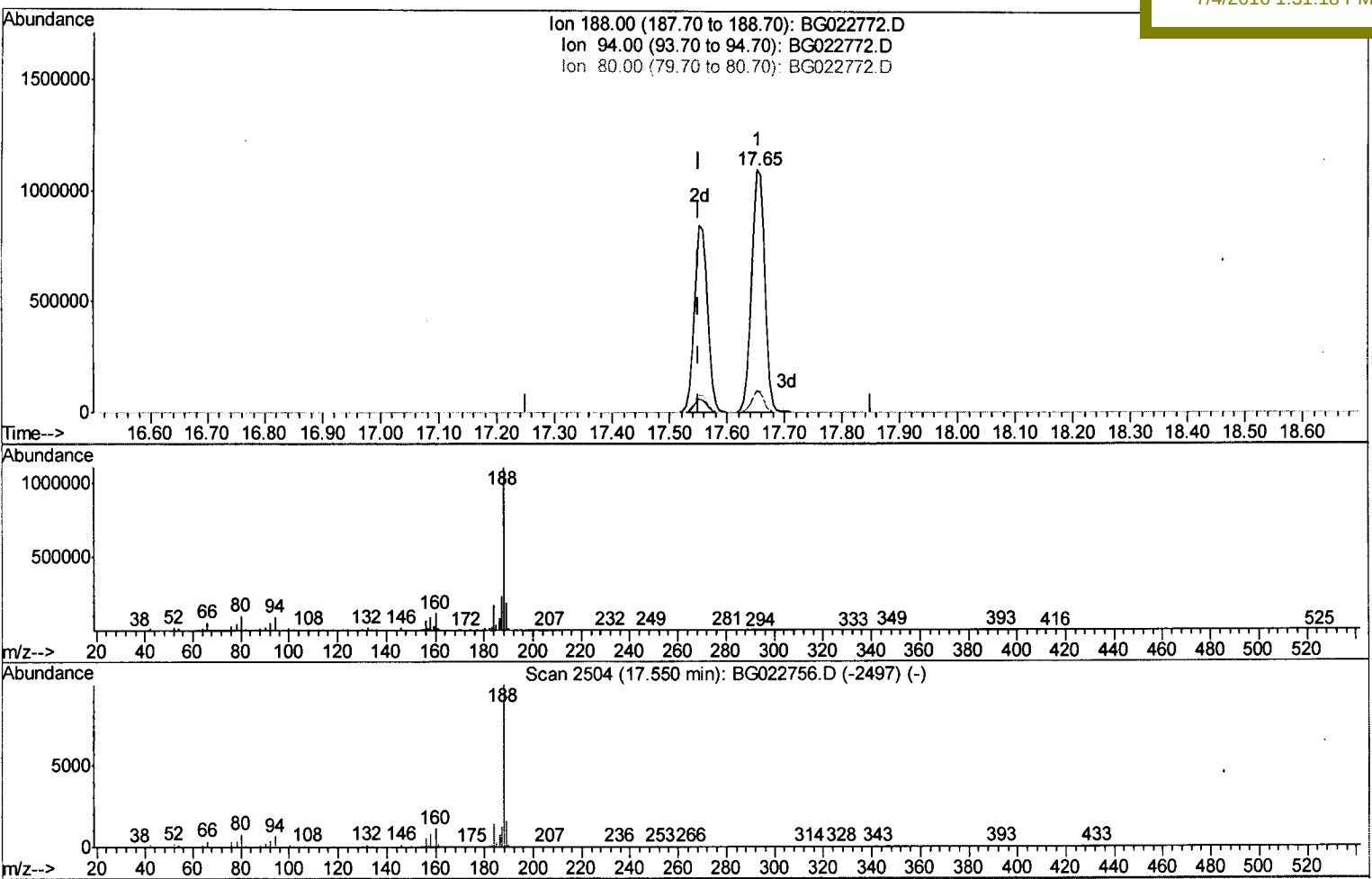

TIC: BG022772.D

(61) Phenanthrene-d10 (I)

17.652min (+0.102) 20.00ng/ul

response 1773125

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.52
80.00	10.90	9.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:48:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integratio
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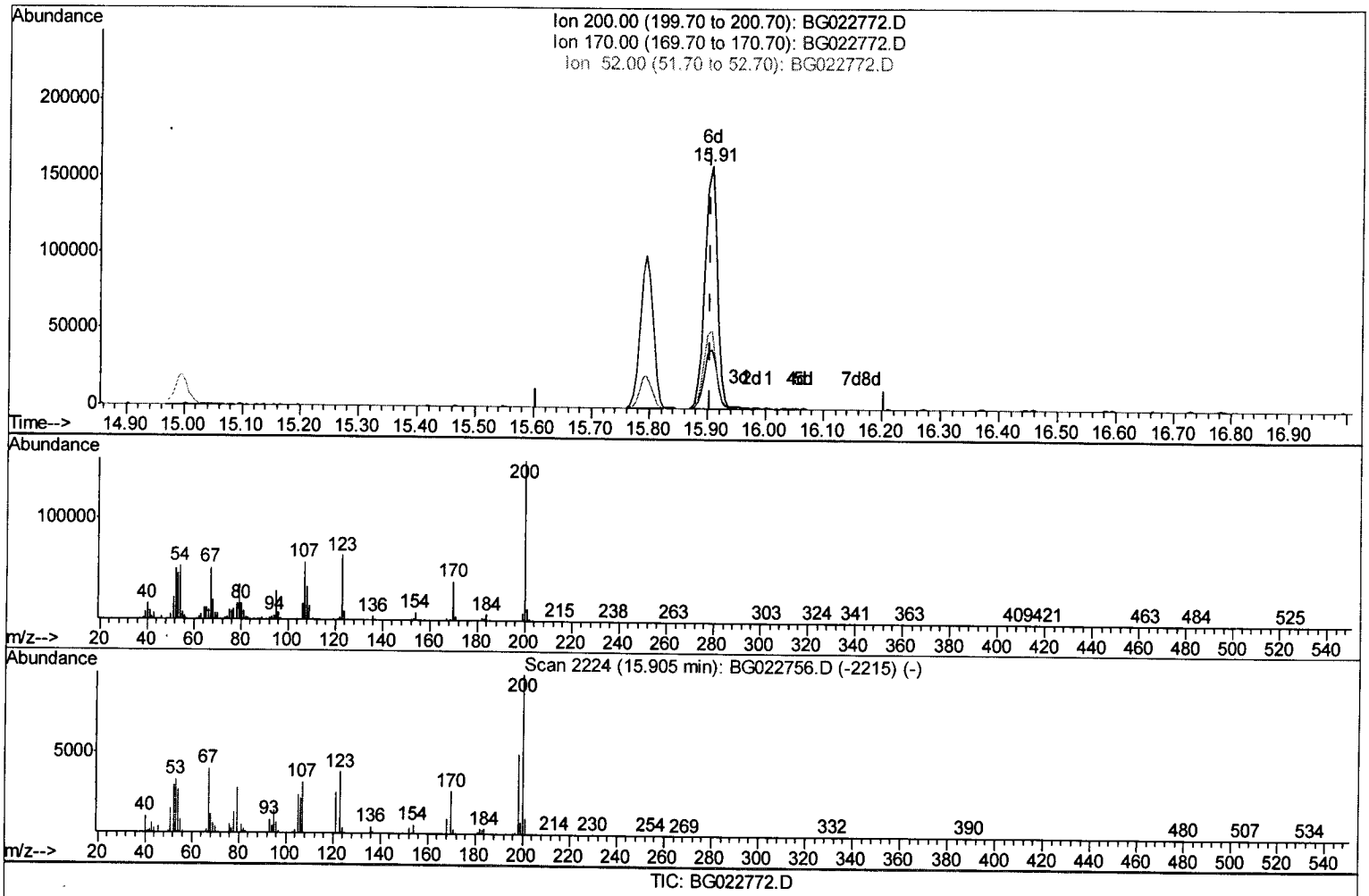

TIC: BG022772.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.907min (+0.002) 25.90ng/ul m U.M 07/09/16

response 227944

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	24.32#
52.00	32.20	31.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:48:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integratio

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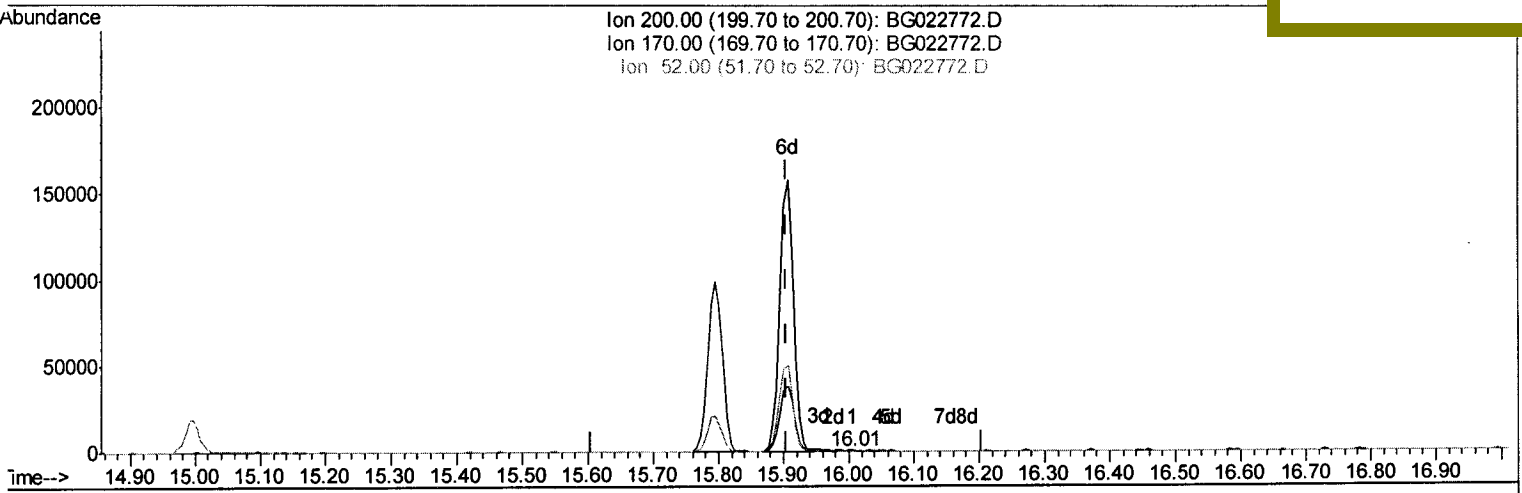

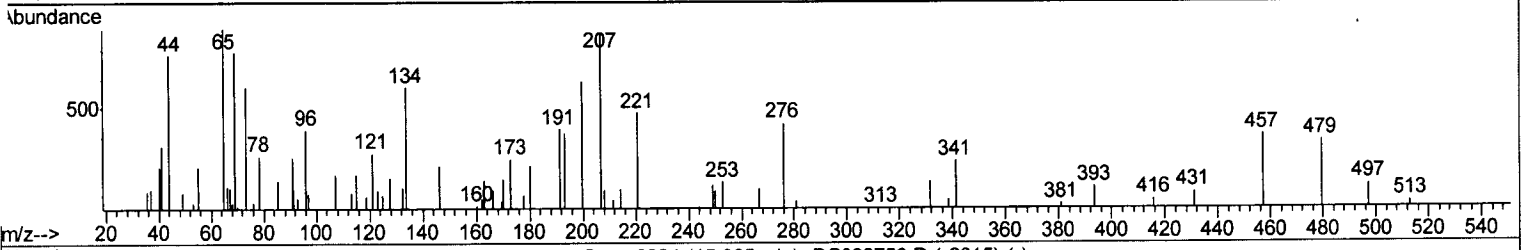

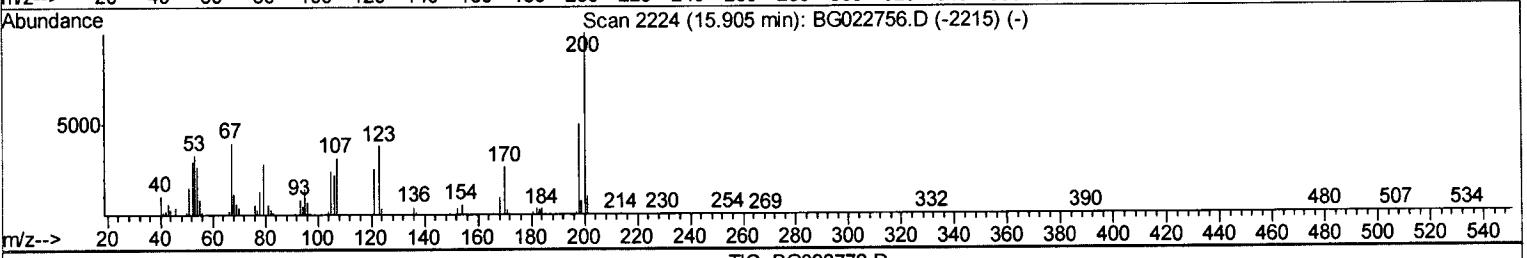

TIC: BG022772.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.007min (+0.102) 0.05ng/ul

response 409

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	43.39#
52.00	32.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:48:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integratio
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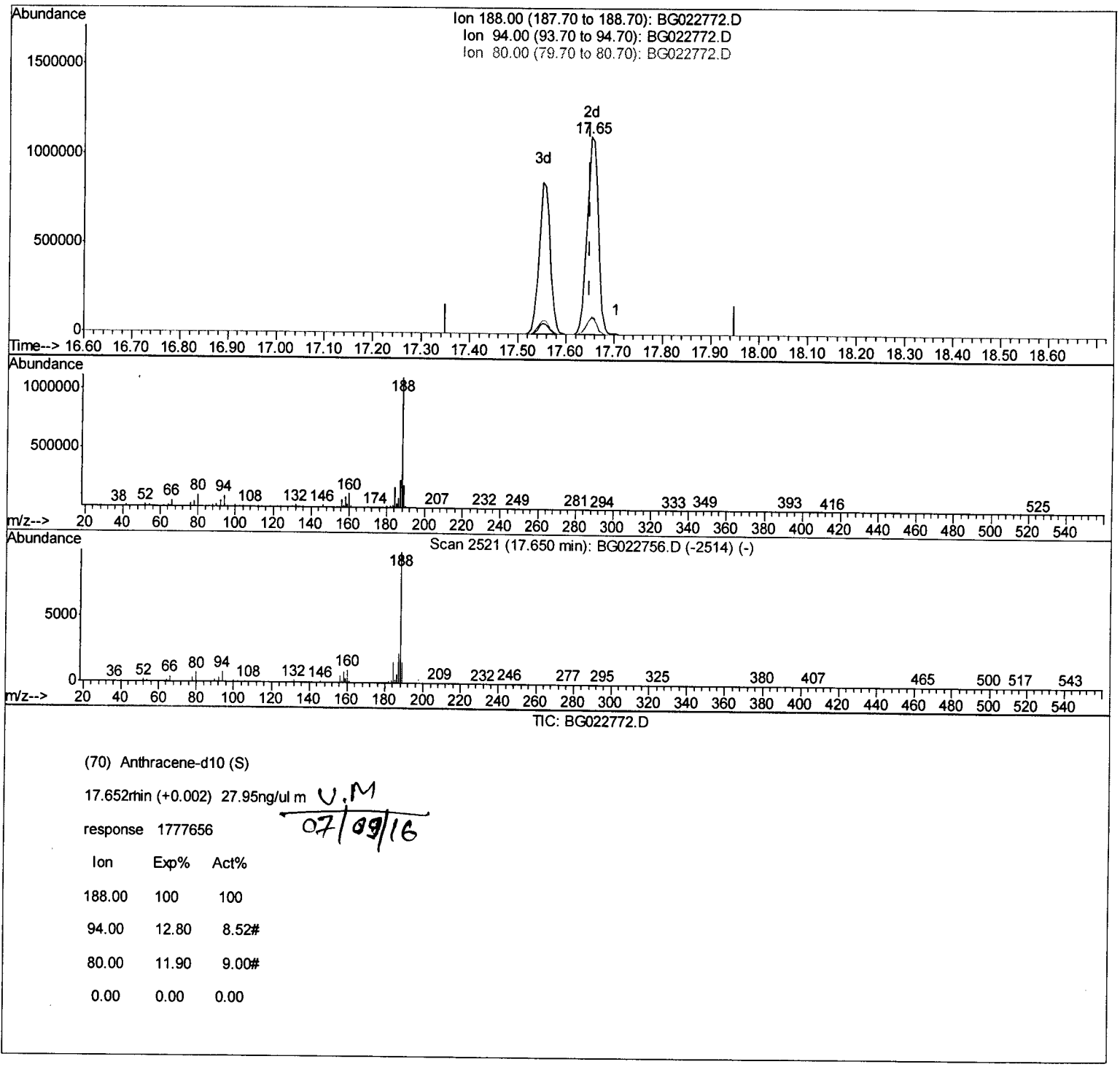

TIC: BG022772.D

(70) Anthracene-d10 (S)

17.652min (+0.002) 27.95ng/ul m U.M 07/09/16

response 1777656

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	8.52#
80.00	11.90	9.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:48:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK09

Manual Integratio

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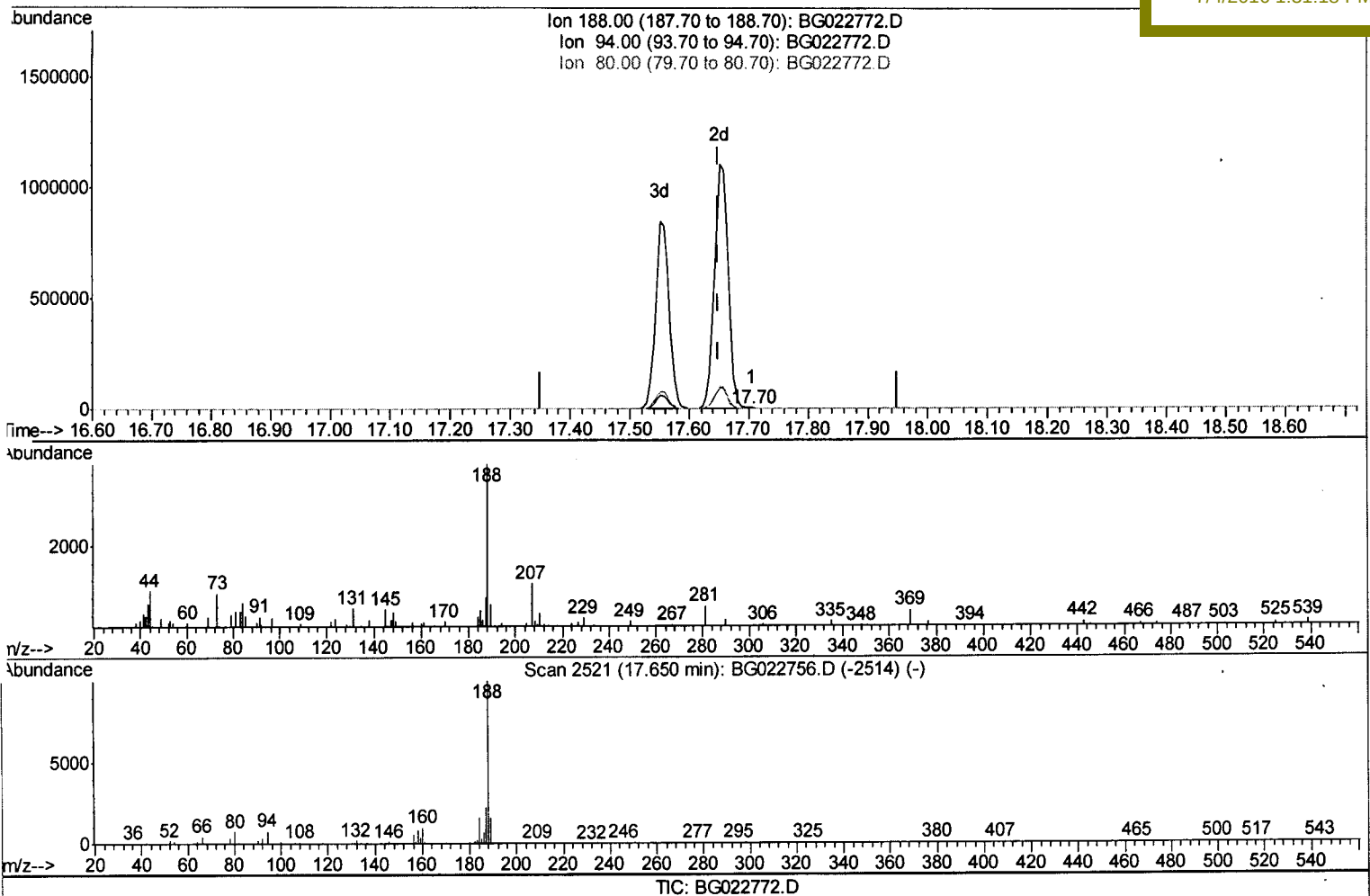

TIC: BG022772.D

(70) Anthracene-d10 (S)

17.705min (+0.055) 0.03ng/ul

response 1896

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	4.75#
80.00	11.90	4.57#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022772.D
Acq On : 2 Jul 2016 00:26
Operator : UM/SJ
Sample : PB91609BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 02 01:49:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SBLK09

Manual Integrati
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	156630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	677842	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	562756	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1368268m	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1506321	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1526300	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	11085m	3.95	ng/uL	0.00
5) Phenol-d5	7.31	99	431403m	26.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	263477	28.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	287157	26.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	327457	25.59	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	151730	28.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	179287	27.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	355422	26.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	438858	38.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1251784	27.38	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1405582	26.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	204156	28.44	ng/ul	0.00
57) Fluorene-d10	15.80	176	1189860	27.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	227944m	25.90	ng/ul	0.00
70) Anthracene-d10	17.65	188	1777656m	27.95	ng/ul	0.00
76) Pyrene-d10	19.94	212	2019055	28.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	2084440	28.75	ng/ul	0.02

U.M 07/09/16

U.M 07/09/16

Target Compounds	Qvalue

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