Quantitation Report (QT Reviewed)

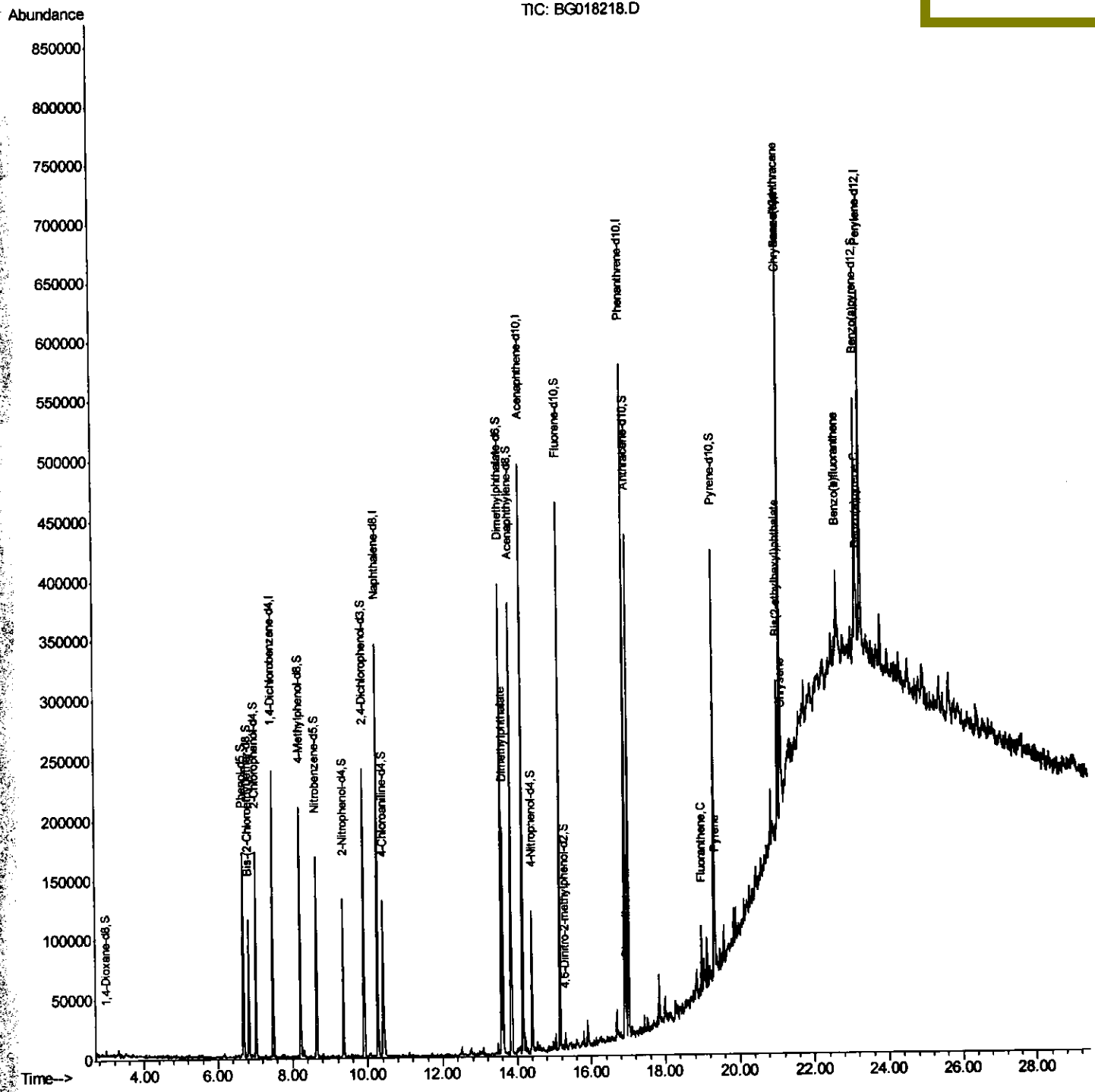
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:37:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:24:47 PM

TIC: BG018218.D



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 02:01:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
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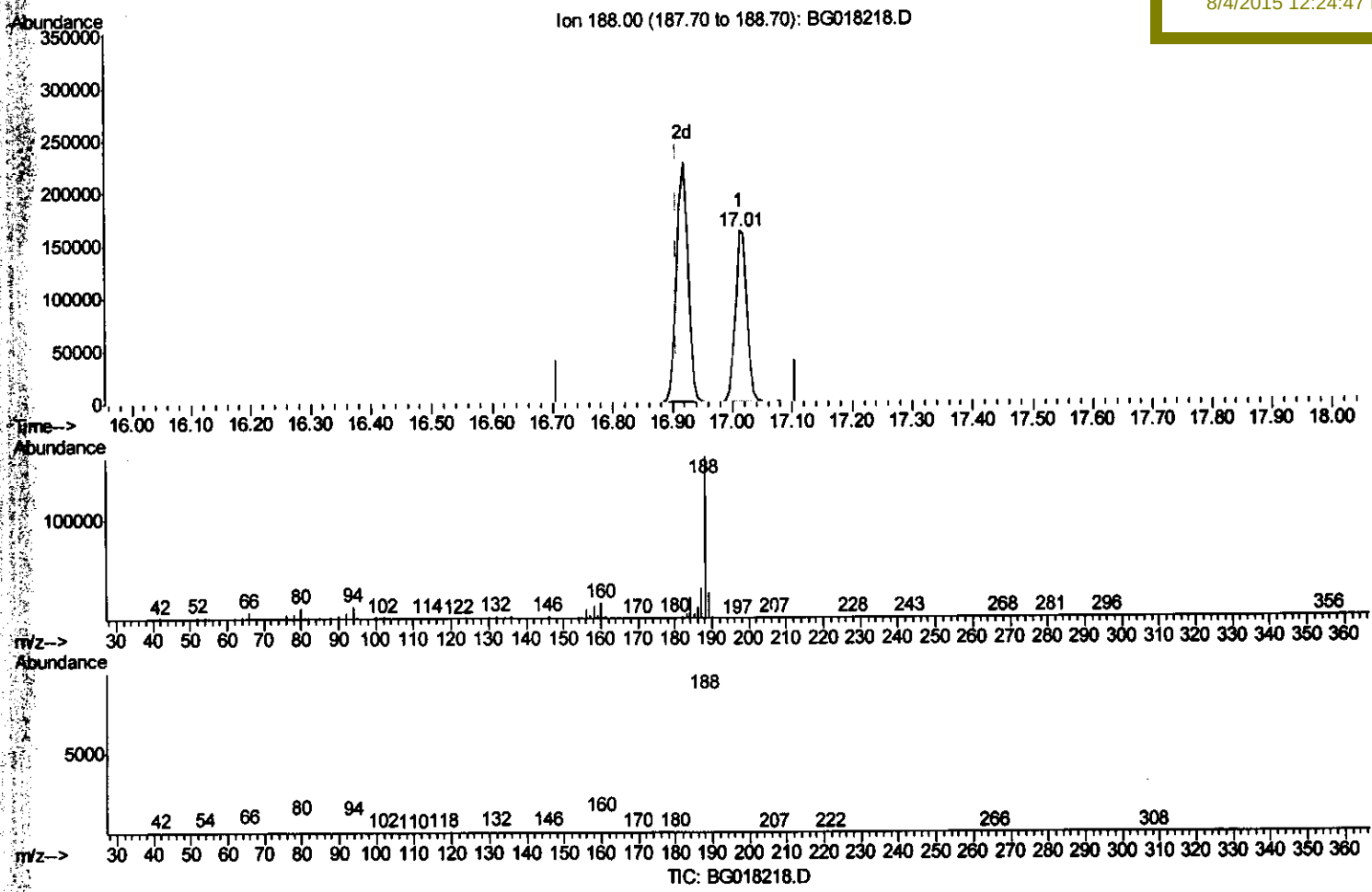

(62) Phenanthrene-d10 (I)

17.012min (+0.106) 20.00ng/ul

response 219046

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	7.75
80.00	7.40	7.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 02:01:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
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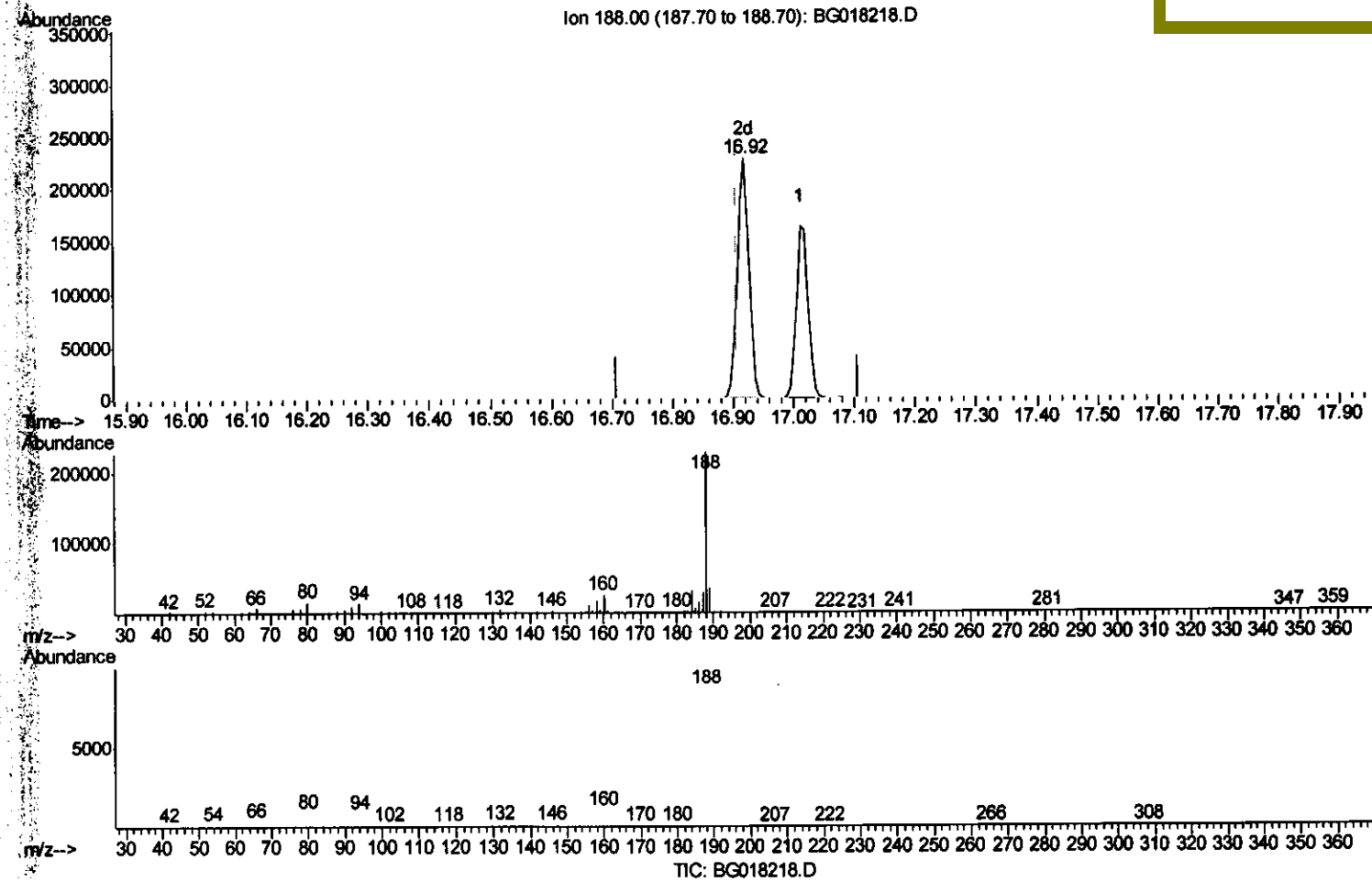

TIC: BG018218.D

(62) Phenanthrene-d10 (I)

16.918min (+0.012) 20.00ng/ul m

response 301320

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	6.04#
80.00	7.40	7.09
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:34:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
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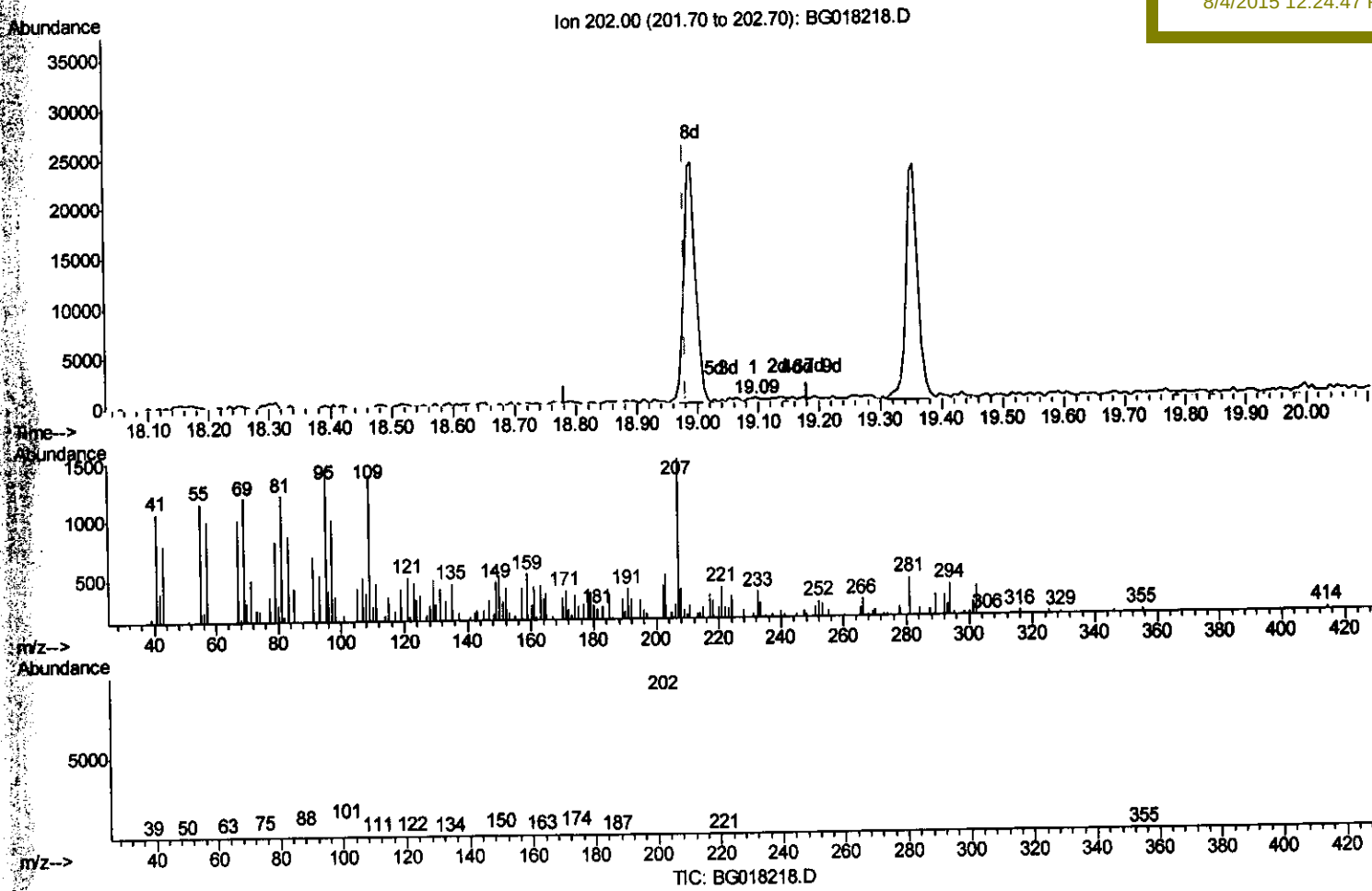

TIC: BG018218.D

(77) Fluoranthene (C)

19.092min (+0.112) 0.04ng/ul

response 616

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	45.60#
100.00	6.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:34:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
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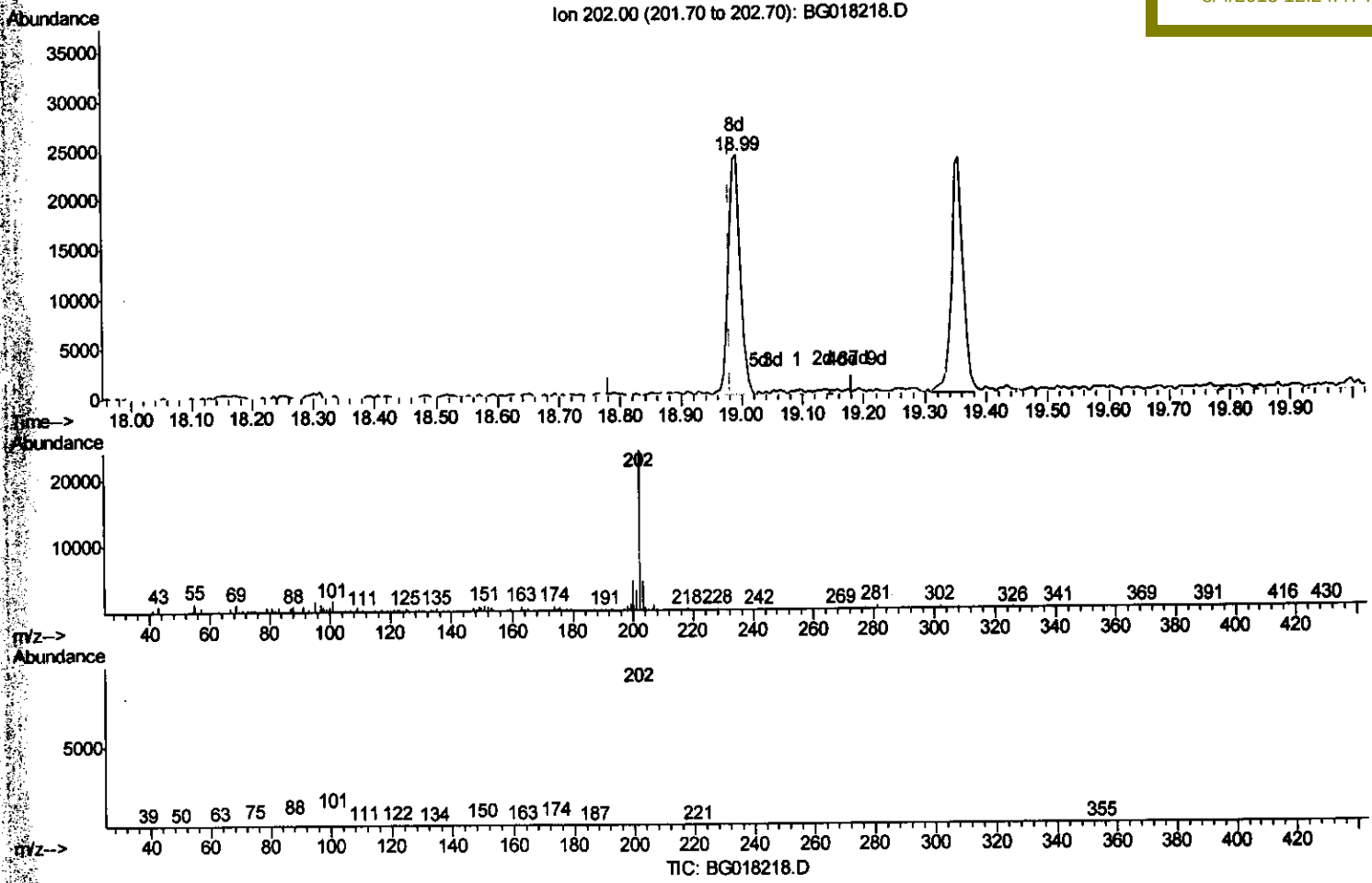

TIC: BG018218.D

(77) Fluoranthene (C)

18.992min (+0.012) 1.96ng/ul m

response 32887

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	7.33#
100.00	6.90	3.60#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:34:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
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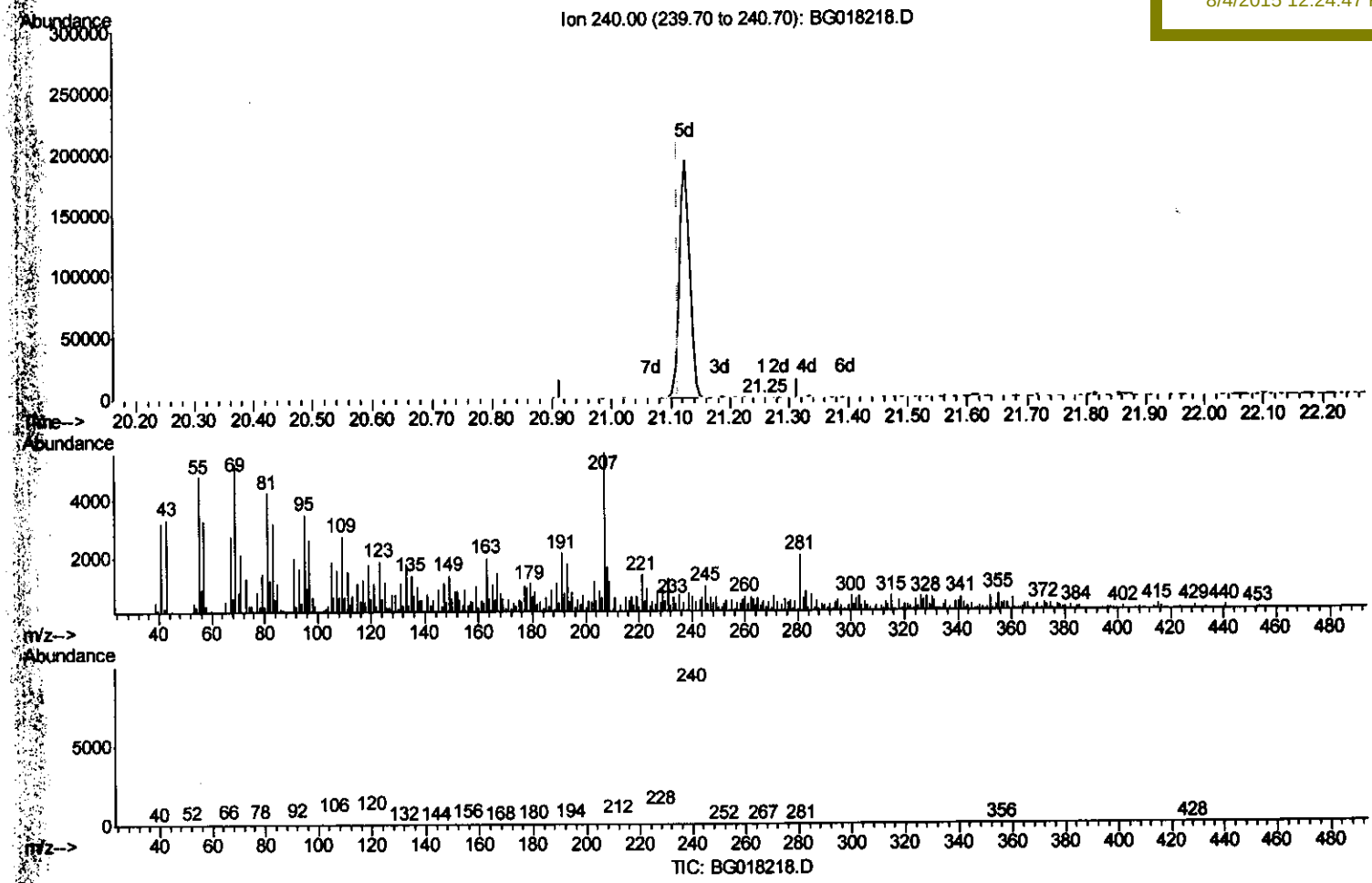

TIC: BG018218.D

(78) Chrysene-d12 (I)

21.255min (+0.141) 20.00ng/ul

response 460

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	88.59#
236.00	24.90	27.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:34:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
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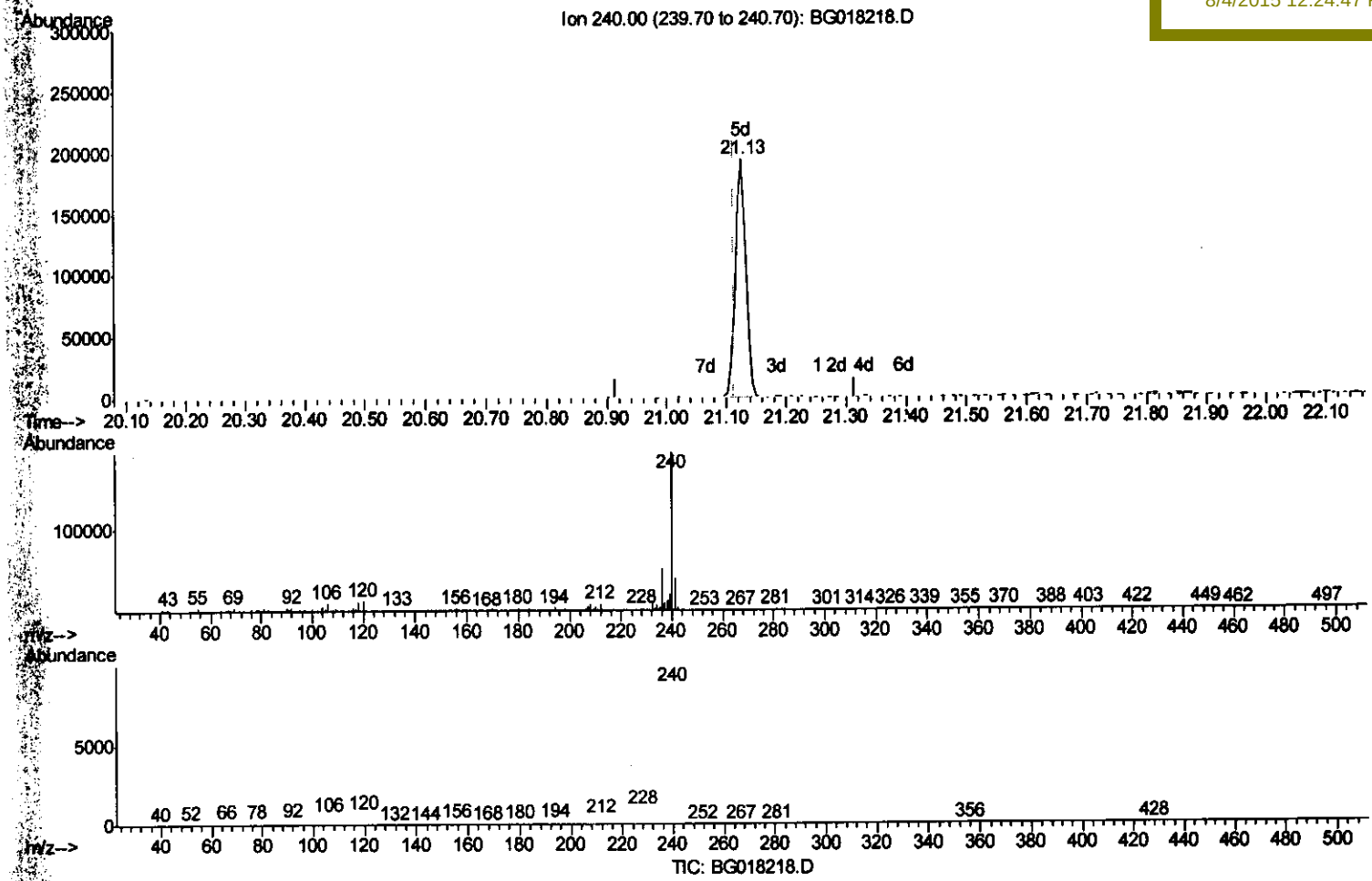

(78) Chrysene-d12 (I)

21.125min (+0.012) 20.00ng/ul m

response 233944

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	6.33#
236.00	24.90	26.38
0.00	0.00	0.00

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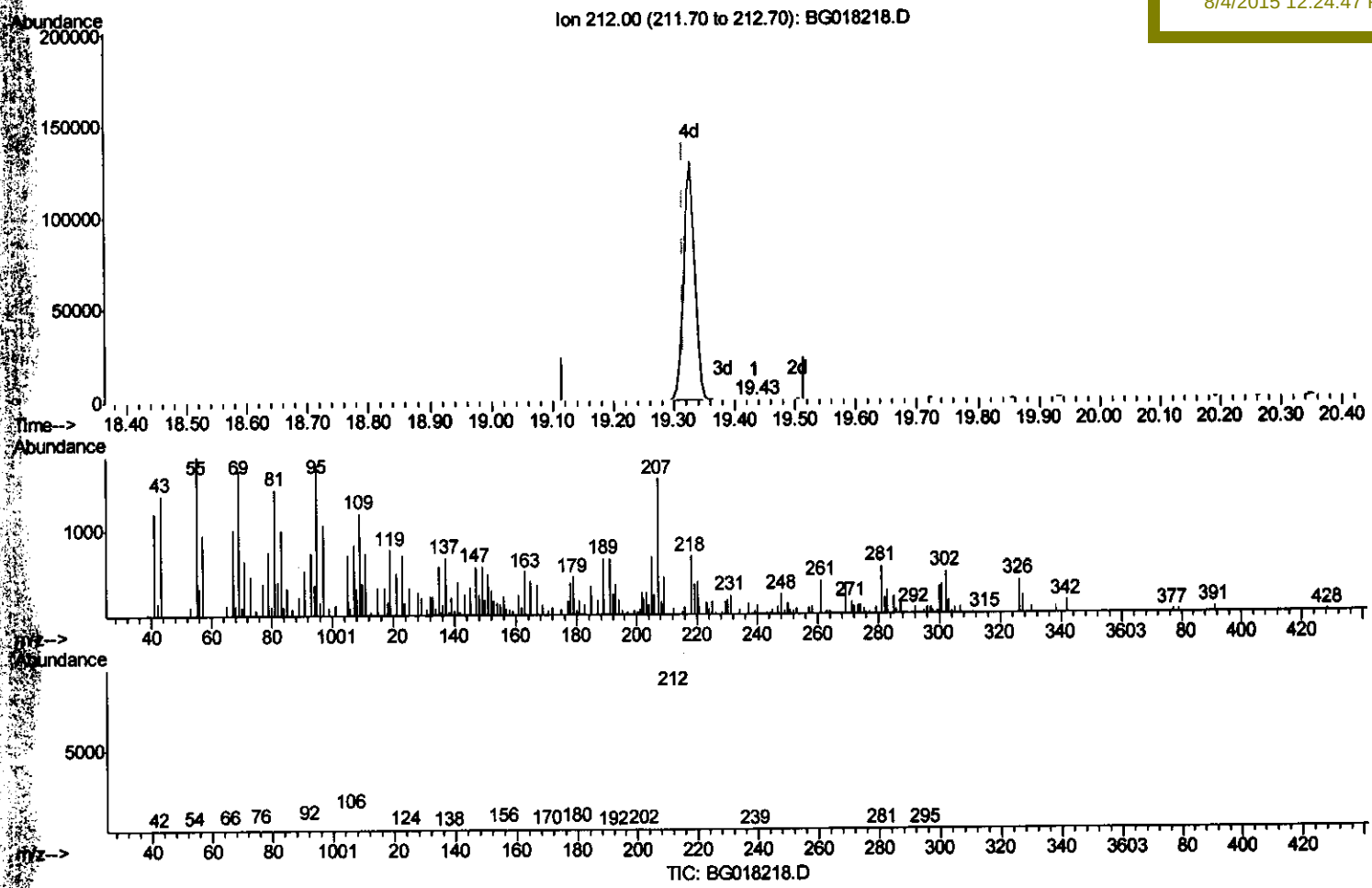
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:24:47 PM



(79) Pyrene-d10 (S)

19.433min (+0.118) 0.03ng/ul

response 326

Ion	Exp%	Act%
212.00	100	100
106.00	11.40	104.55#
104.00	7.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
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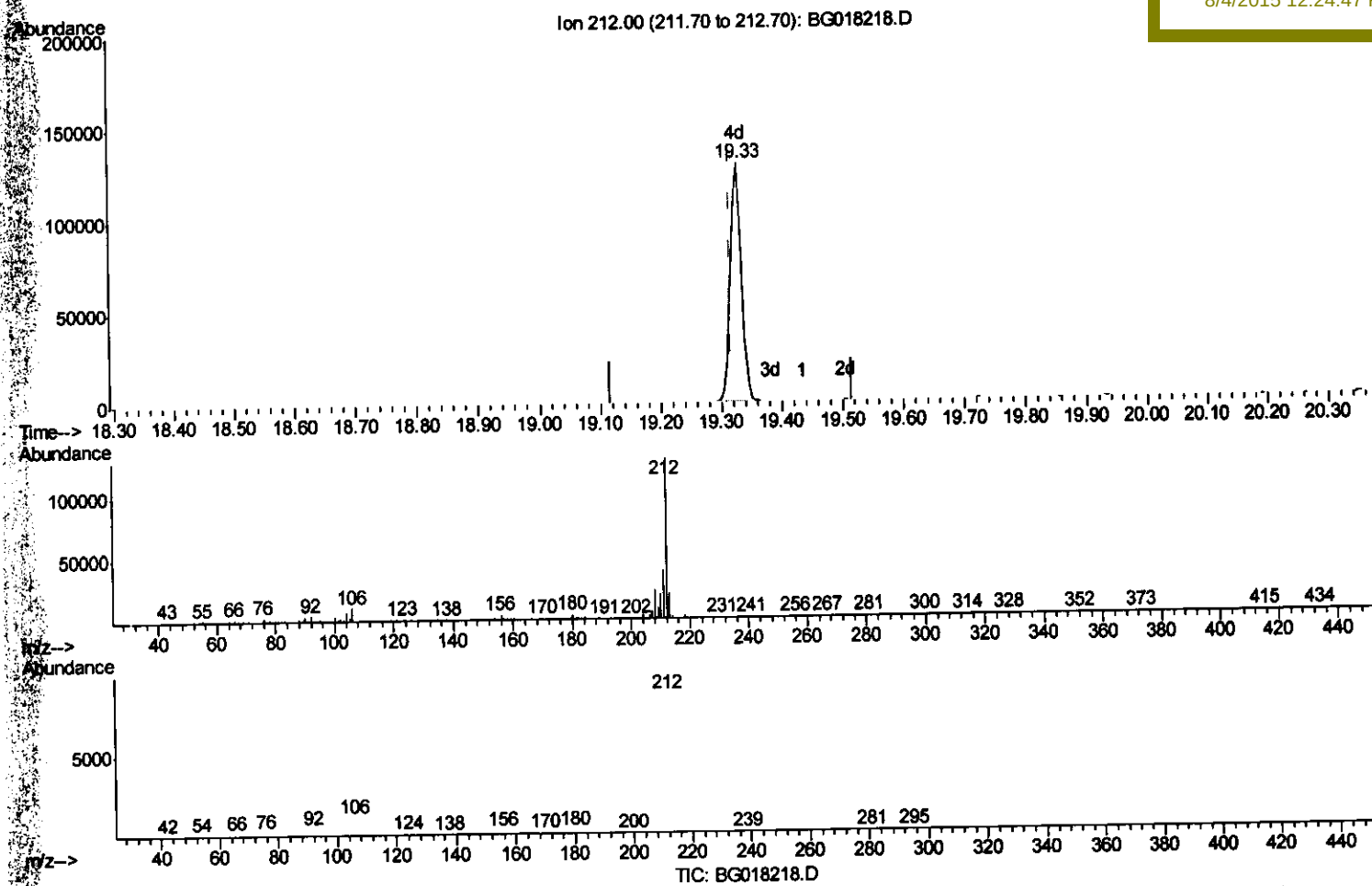

(79) Pyrene-d10 (S)

19.327min (+0.012) 14.45ng/ul m

response 163501

Ion	Exp%	Act%
212.00	100	100
106.00	11.40	8.20#
104.00	7.60	5.28#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
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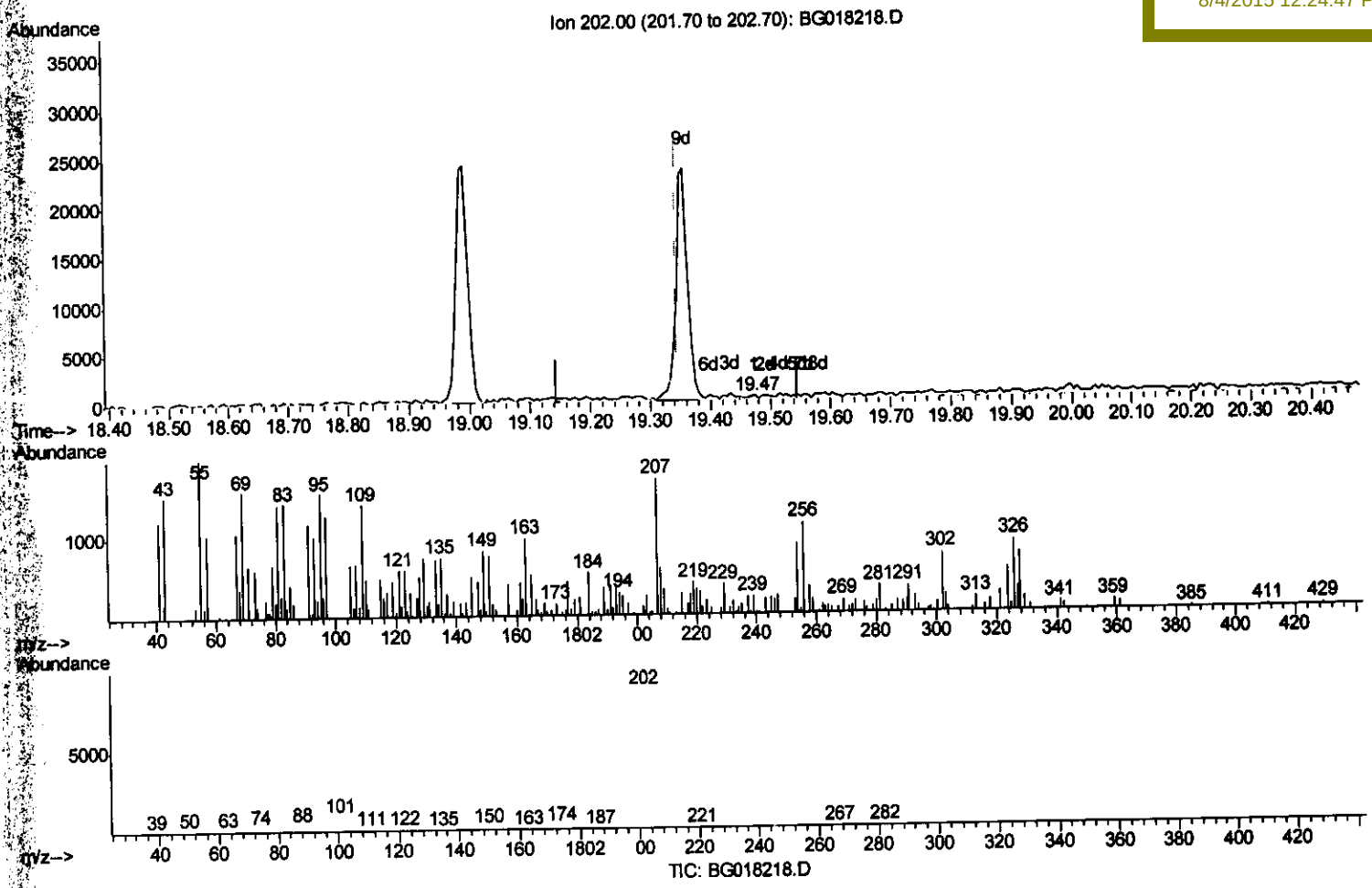


(80) Pyrene

19.474min (+0.129) 0.01ng/ul

response 210

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	0.00#
100.00	9.20	0.00#
0.00	0.00	0.00

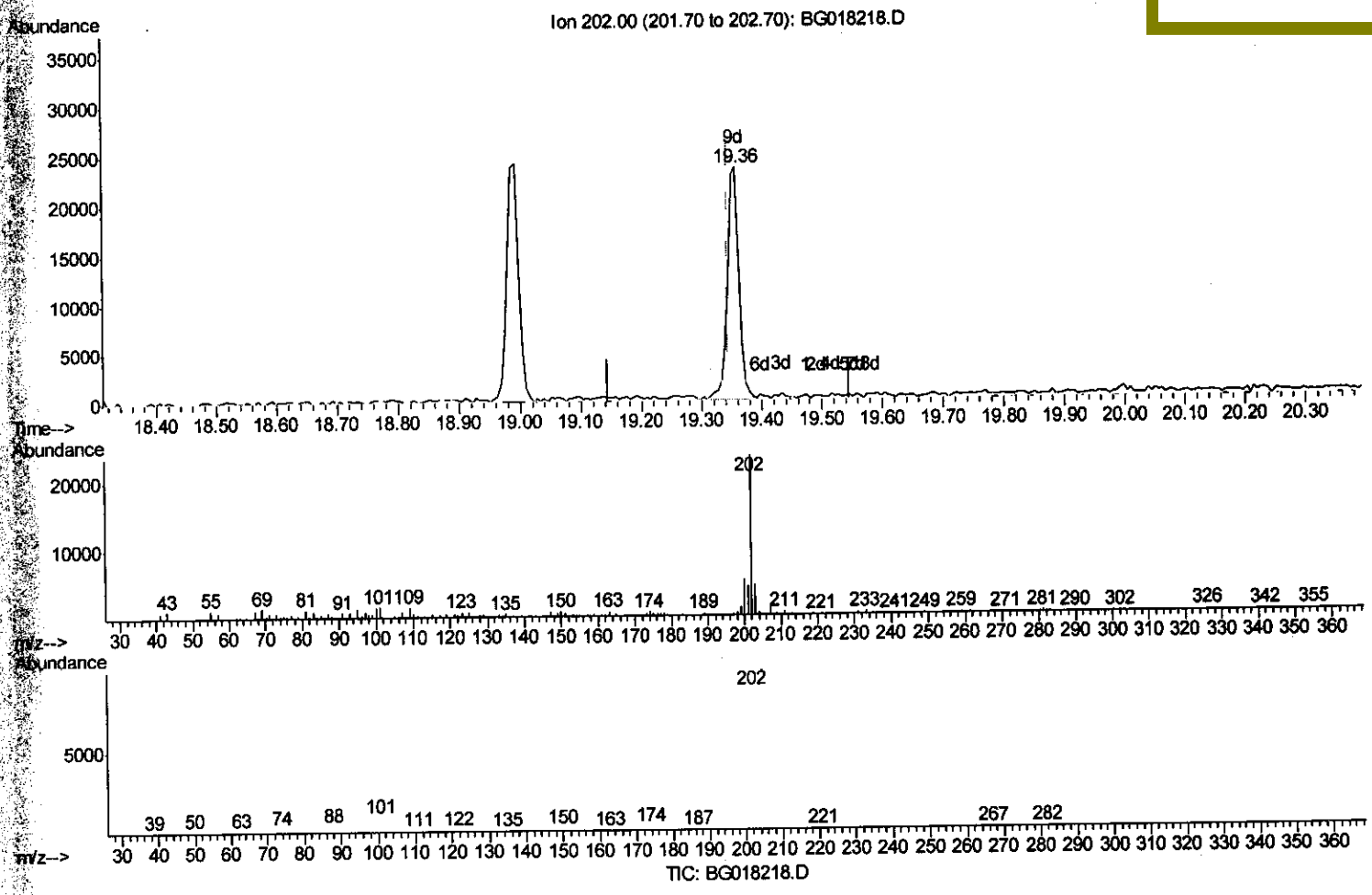
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C01R1

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:24:47 PM



(80) Pyrene

19.357min (+0.012) 2.25ng/ul m

response 31910

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	7.36#
100.00	9.20	6.53#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
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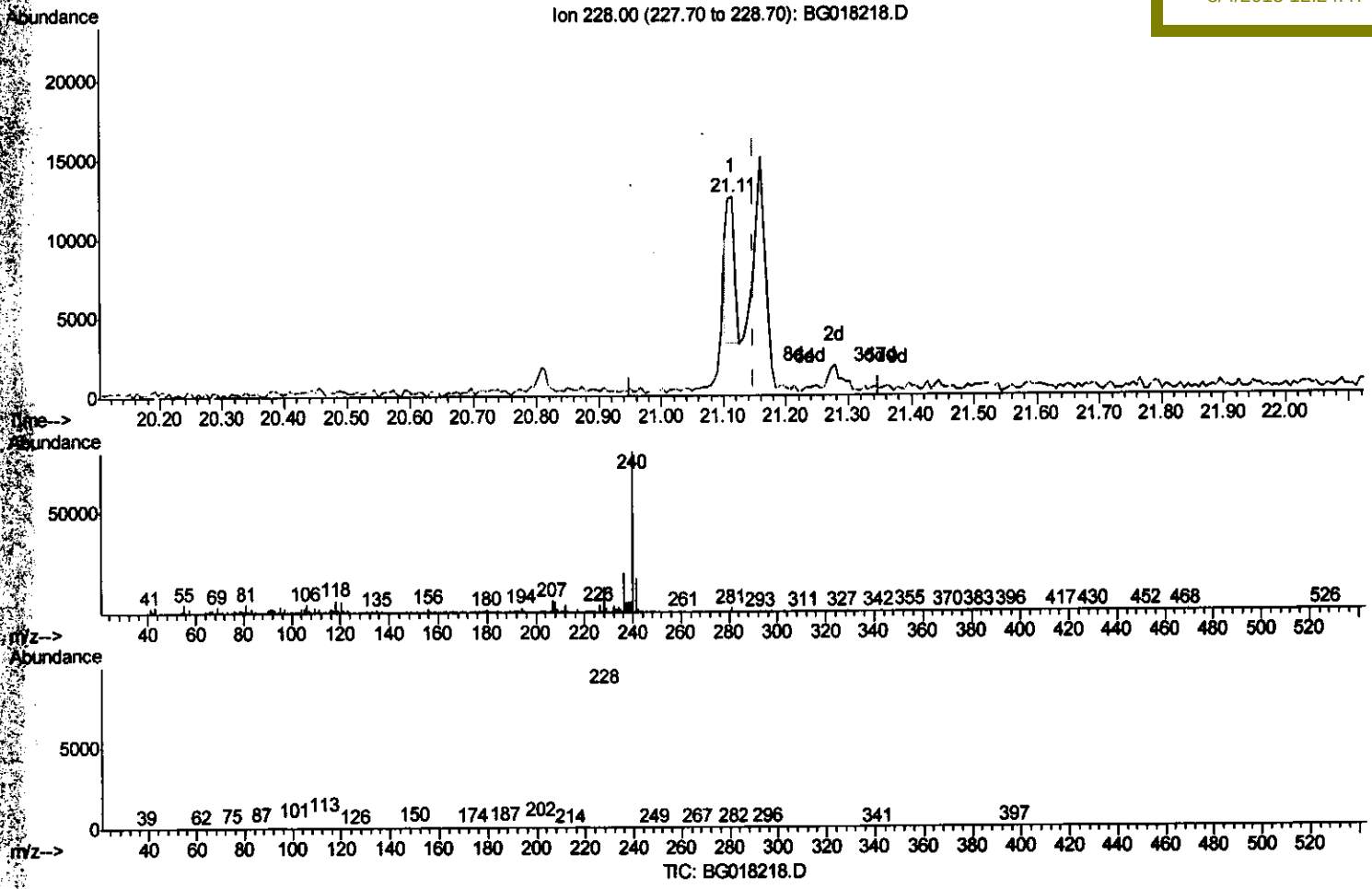


(85) Chrysene

21.113min (-0.035) 0.67ng/ul

response 7762

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	30.25
229.00	20.20	20.60
0.00	0.00	0.00

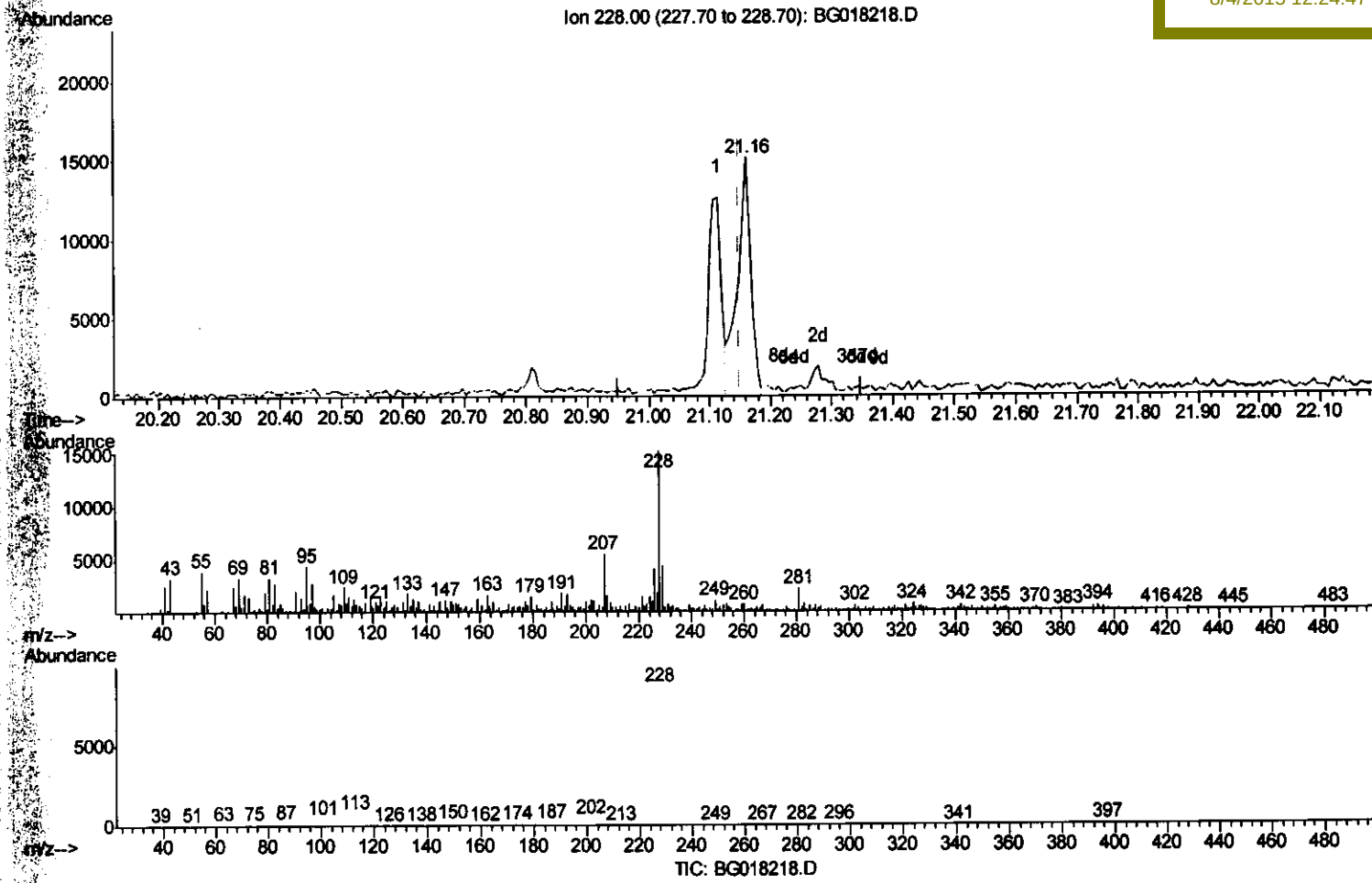
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:36:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01R1

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:24:47 PM



(85) Chrysene

21.160min (+0.012) 1.96ng/ul m

response 22622

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	27.57
229.00	20.20	29.29#
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018218.D
Acq On : 1 Aug 2015 13:23
Operator : TP/UM
Sample : G3073-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 03 05:37:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C01R1

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	60607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	265739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	163864	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	301320m	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	233944m	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	234656	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	1817	2.26	ng/uL	0.00
5) Phenol-d5	6.68	99	90401	16.59	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	45574	16.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	75421	18.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	70852	15.96	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	41581	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	39455	16.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	80284	18.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	65893	12.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	240945	19.03	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	259851	17.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	28050	11.97	ng/ul	0.02
58) Fluorene-d10	15.16	176	176495	15.40	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	2398	1.14	ng/ul	0.01
71) Anthracene-d10	17.01	188	218846	16.70	ng/ul	0.00
79) Pyrene-d10	19.33	212	163501m	14.45	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	158923	13.39	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	13.62	163	111791	8.87	ng/ul	97
70) Phenanthrene	16.96	178	15652	1.02	ng/ul	99
77) Fluoranthene	18.99	202	32887m	1.96	ng/ul	
80) Pyrene	19.36	202	31910m	2.25	ng/ul	
83) Benzo(a)anthracene	21.11	228	17627	1.40	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	39743	5.11	ng/ul	91
85) Chrysene	21.16	228	22622m	1.96	ng/ul	
88) Benzo(b)fluoranthene	22.65	252	34063	2.42	ng/ul	97
89) Benzo(k)fluoranthene	22.65	252	34231	2.64	ng/ul	96
91) Benzo(a)pyrene	23.21	252	18871	1.50	ng/ul#	90

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