

(QT Reviewed)

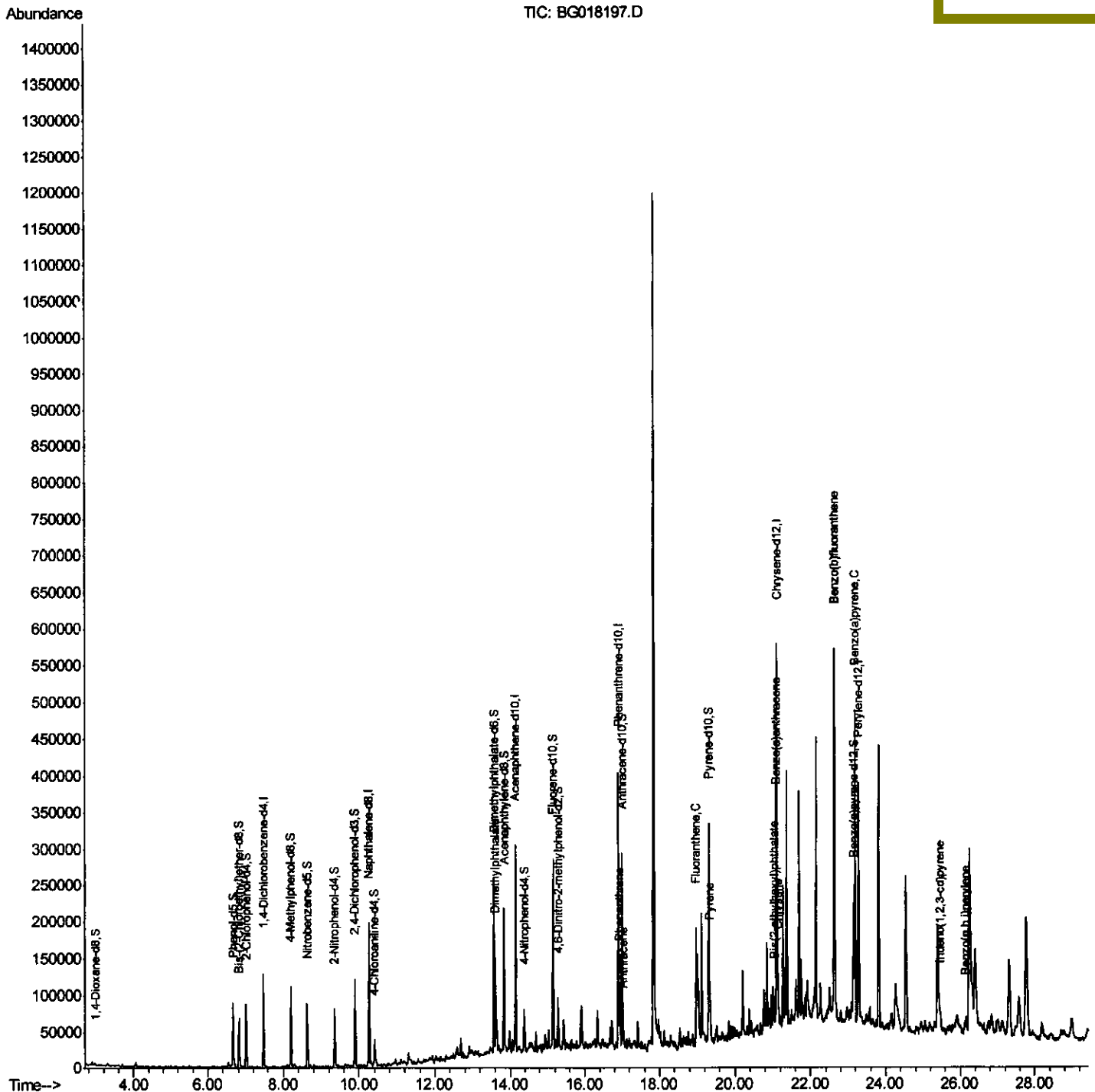
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Q3

QLast Update : Sat Aug 01 00:52:12 2015

Manual Integrations

MMDadoda
8/4/2015 12:22:20 PM



Quantitation Report (Qedit)

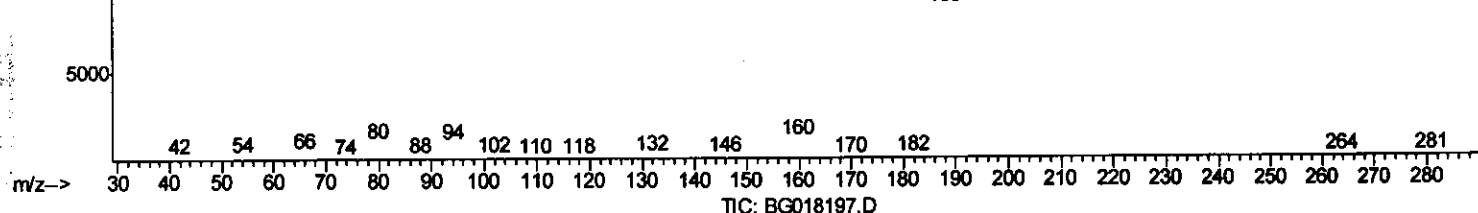
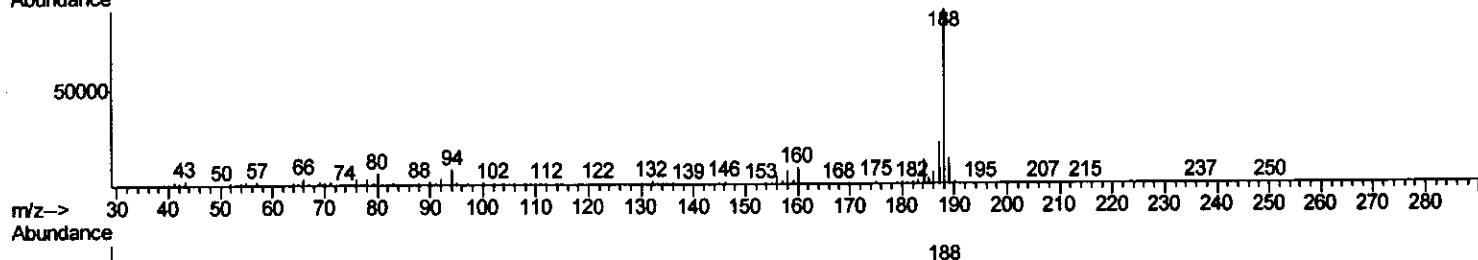
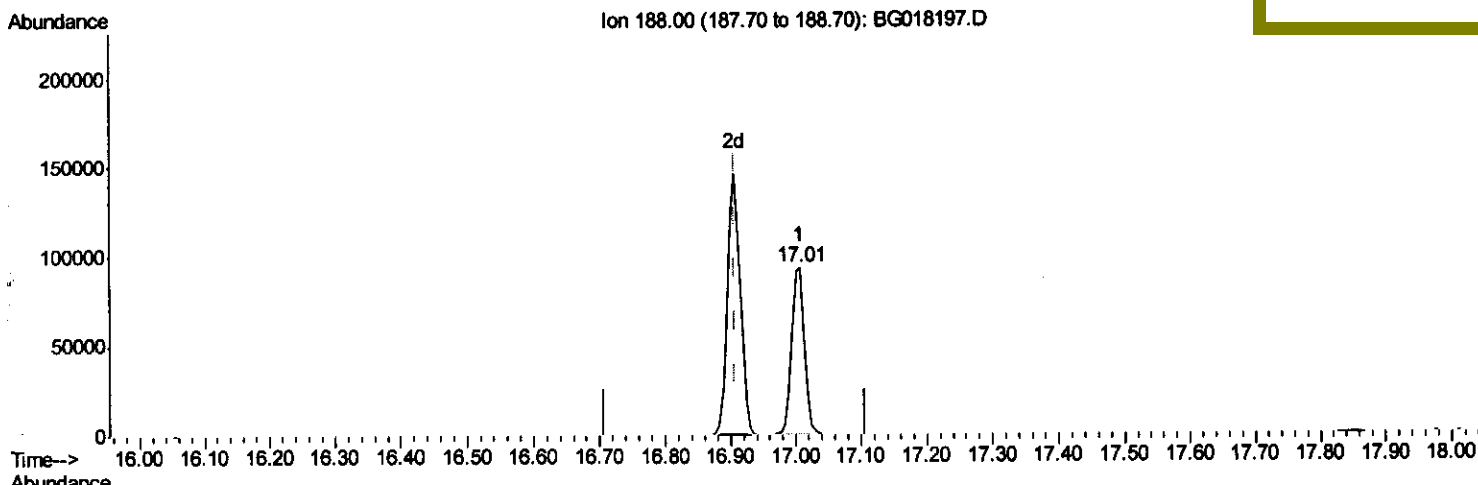
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(62) Phenanthrene-d10 (I)

17.006min (+0.099) 20.00ng/ul

response 125806

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	8.93
80.00	7.40	6.78
0.00	0.00	0.00

Quantitation Report (Qedit)

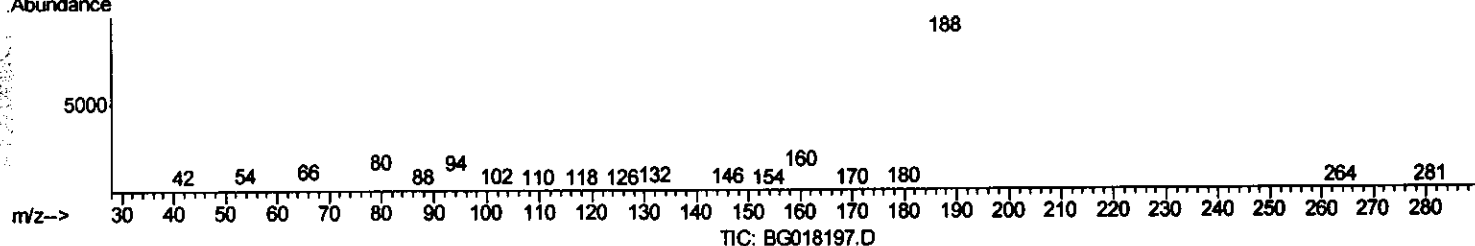
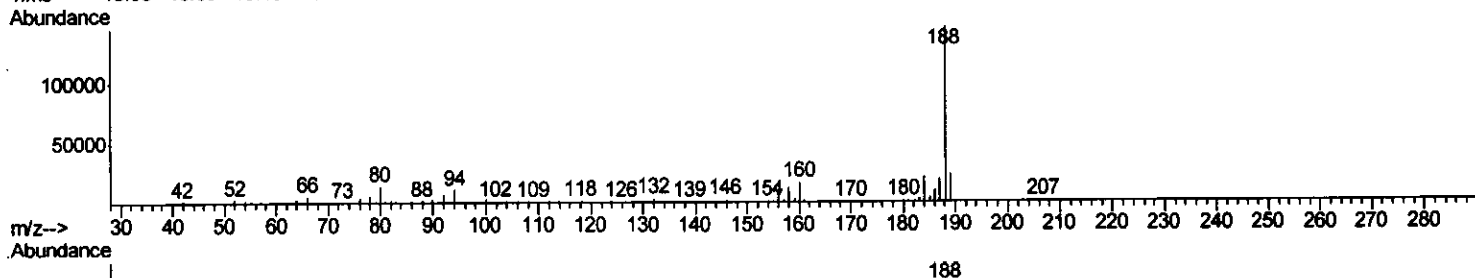
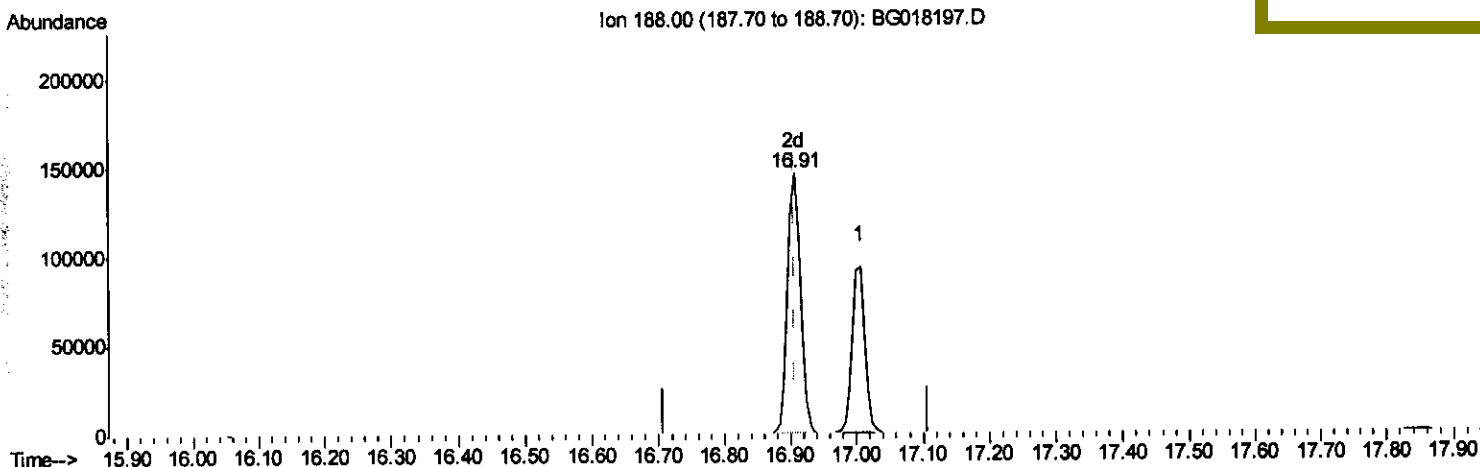
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(62) Phenanthrene-d10 (I)

16.906min (-0.001) 20.00ng/ul m

response 199924

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	7.51
80.00	7.40	9.02#
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

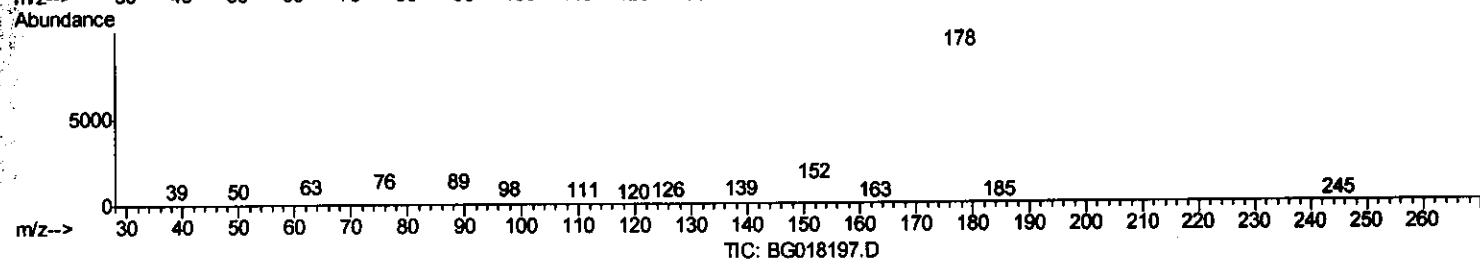
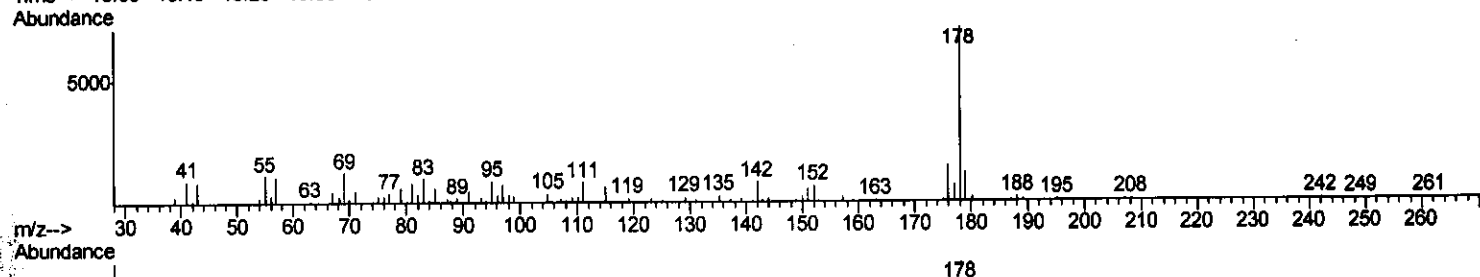
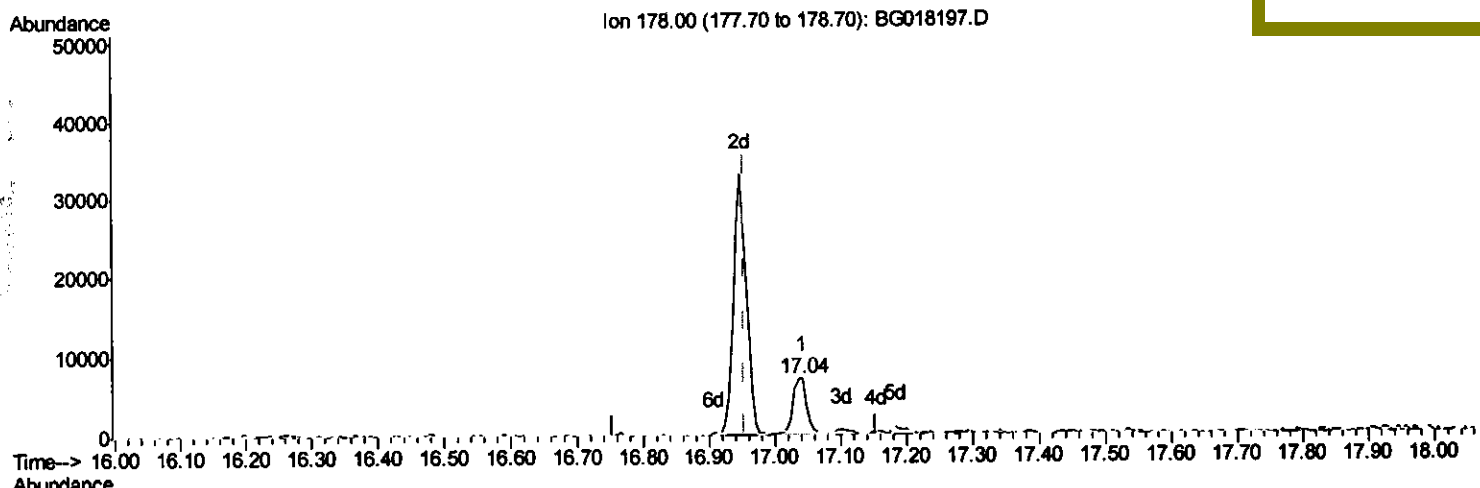
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(70) Phenanthrene

17.041min (+0.088) 1.06ng/ui

response 10729

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	18.29
176.00	20.00	22.00
0.00	0.00	0.00

Quantitation Report (Qedit)

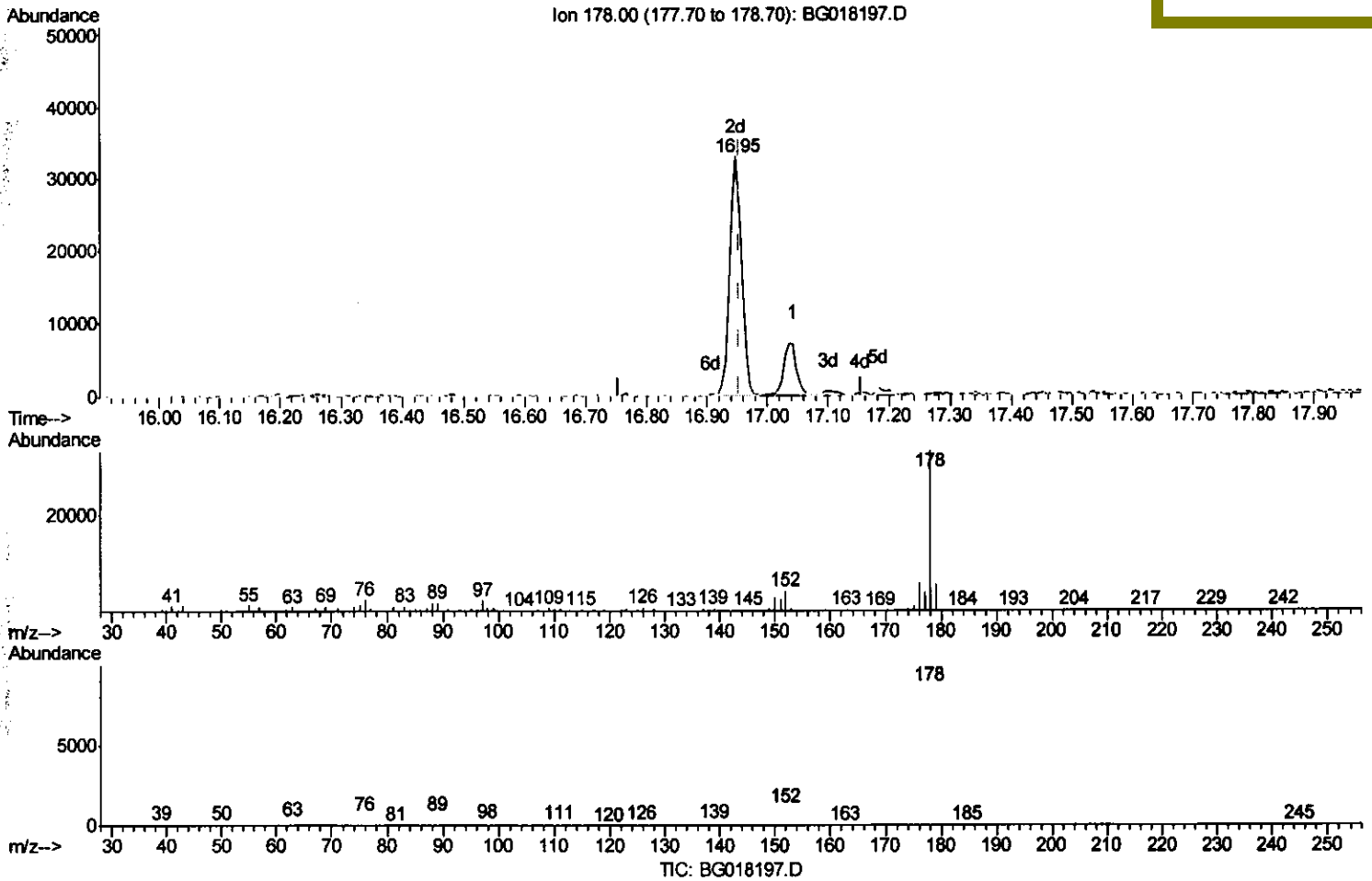
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(70) Phenanthrene

16.947min (-0.006) 4.38ng/ul m

response 44437

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.57
176.00	20.00	17.35
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

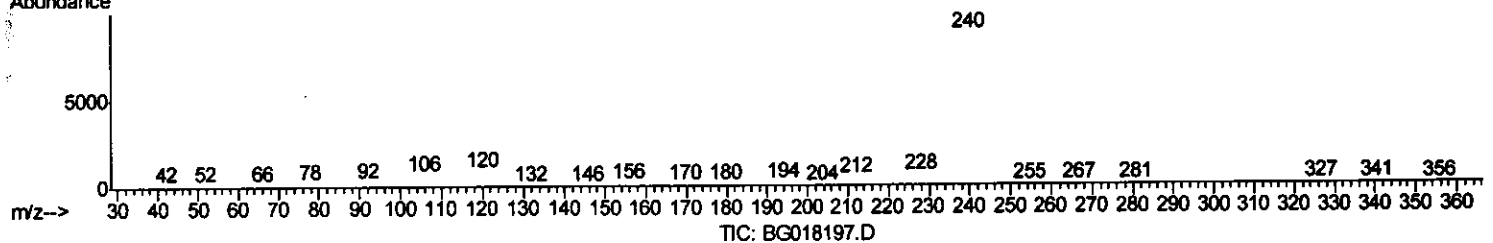
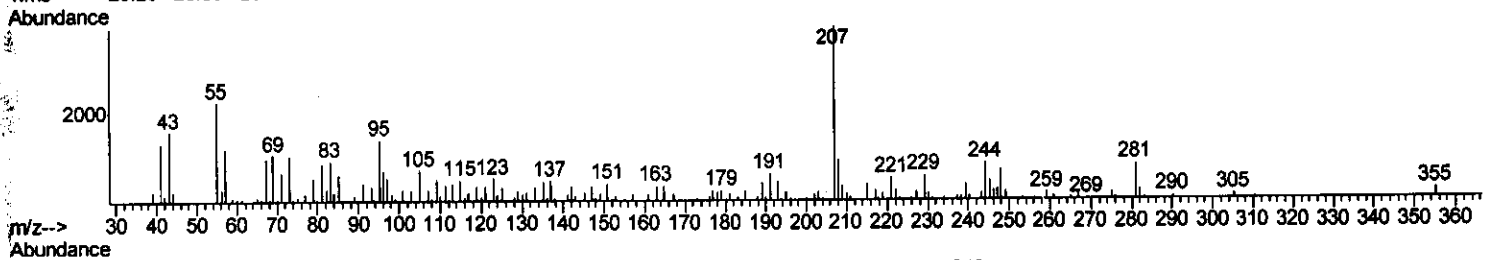
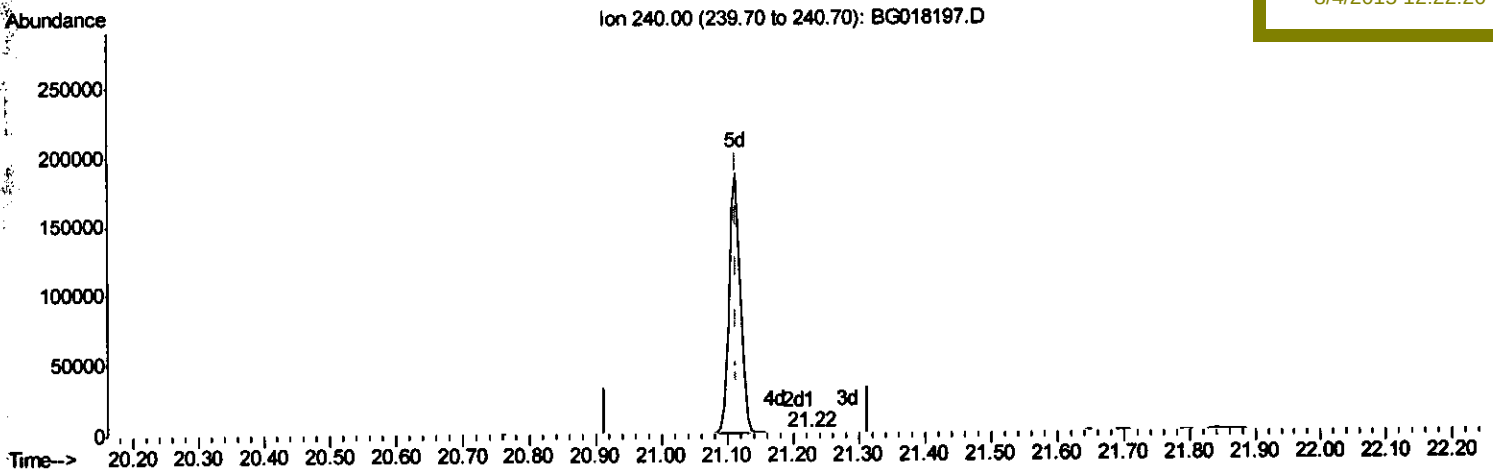
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



TIC: BG018197.D

(78) Chrysene-d12 (I)

21.225min (+0.111) 20.00ng/ul

response 303

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	95.42#
236.00	24.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

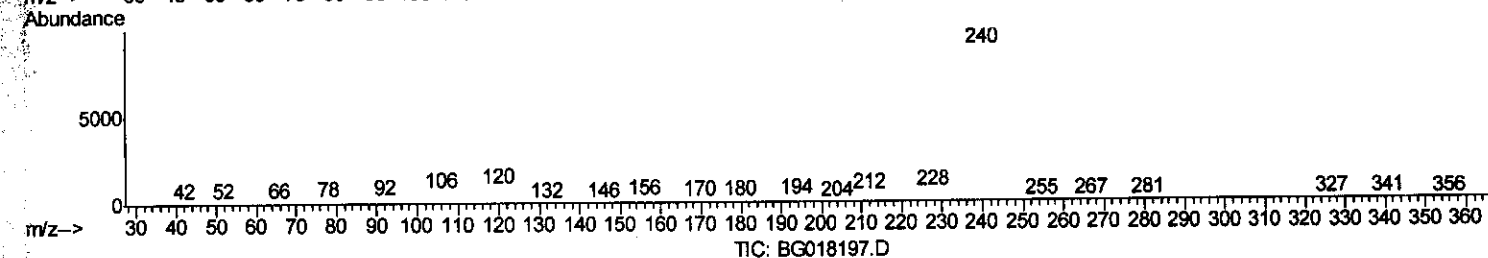
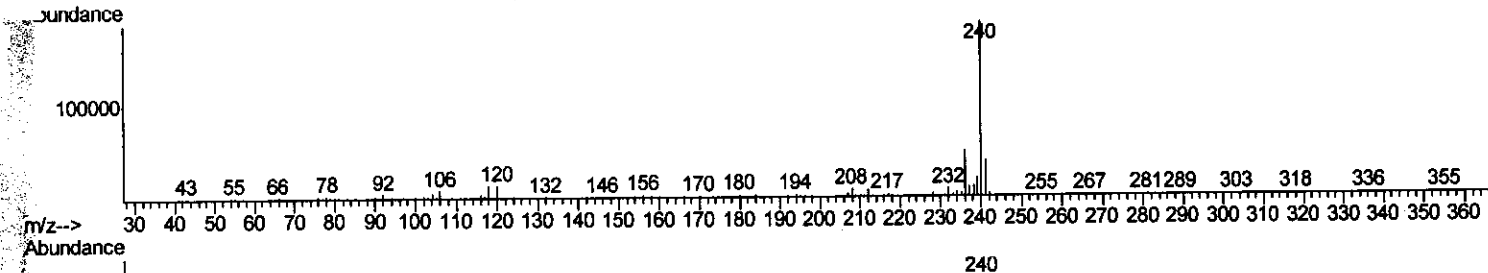
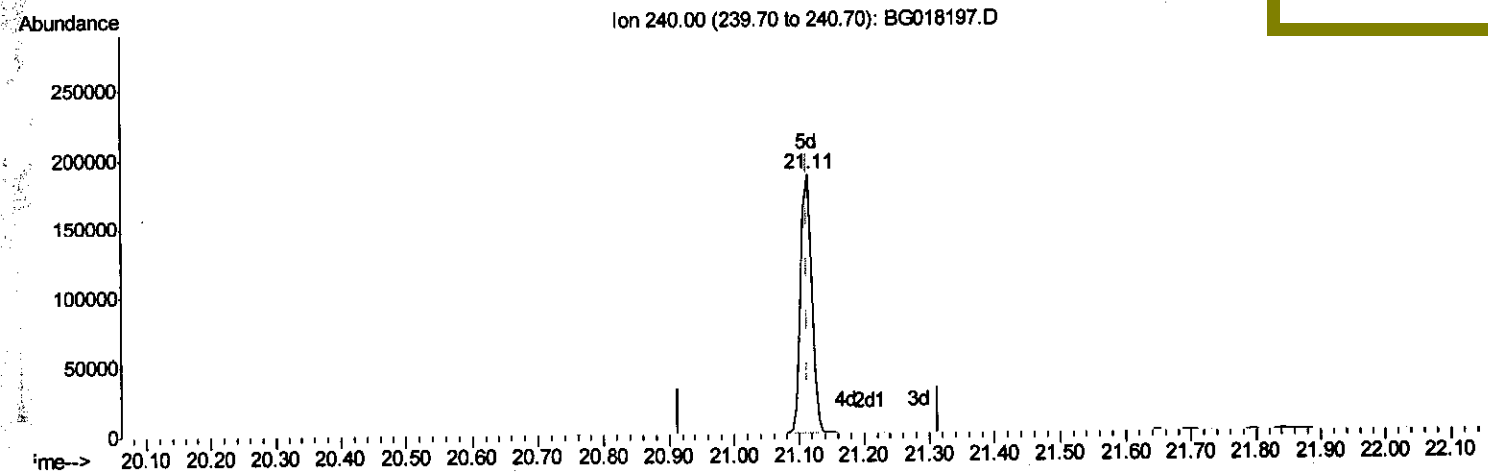
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(78) Chrysene-d12 (I)

21.113min (-0.001) 20.00ng/ul m

response 220515

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	7.56#
236.00	24.90	26.15
0.00	0.00	0.00

UM
 08/11/15

Quantitation Report (Qedit)

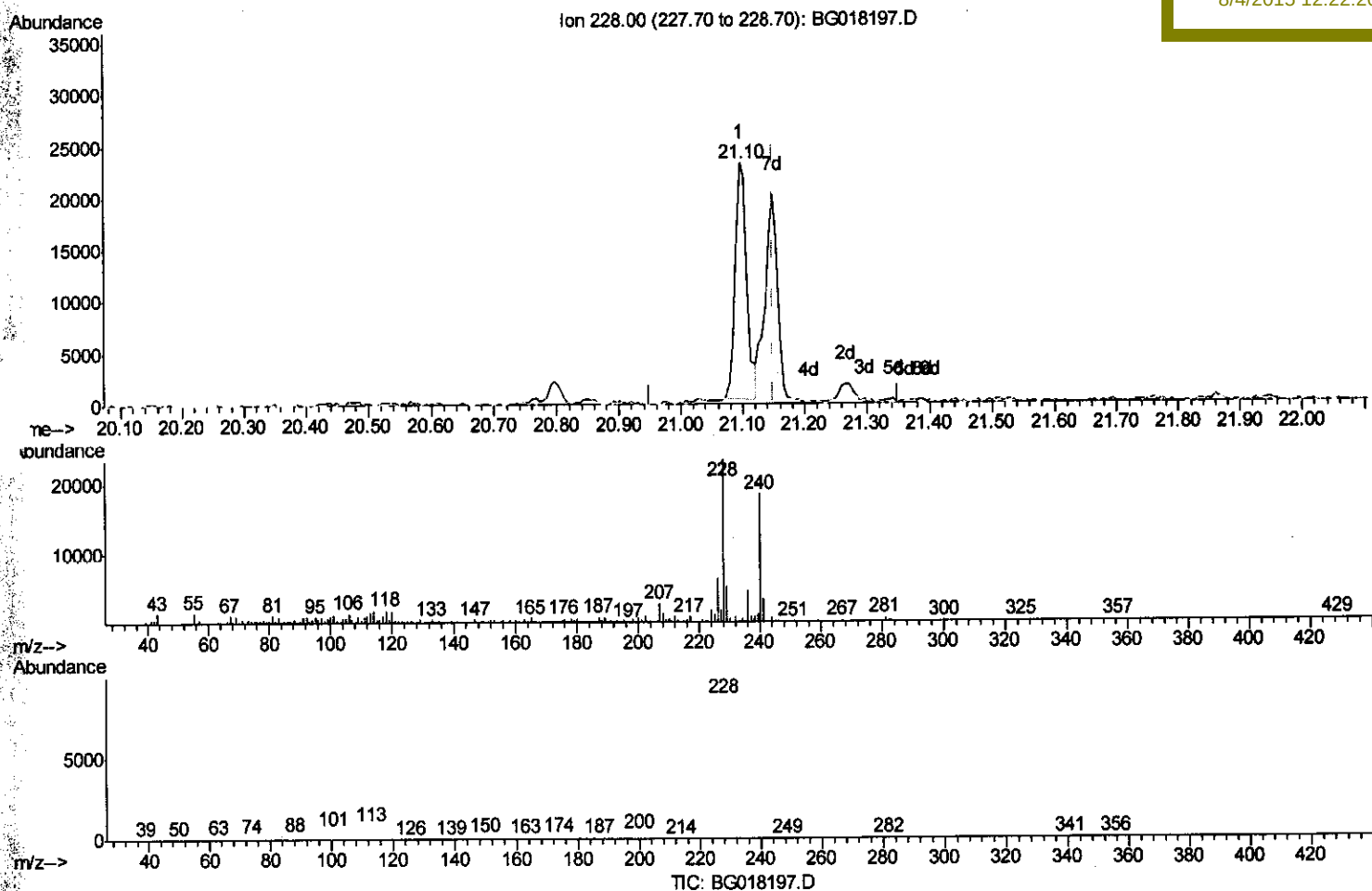
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018197.D
Acq On : 1 Aug 2015 1:06
Operator : TP/UM
Sample : G3073-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Q3

Quant Time: Aug 01 05:22:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:52:12 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:22:20 PM



(85) Chrysene

21.096min (-0.053) 2.71ng/ul

response 29498

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	27.12
229.00	20.20	22.14
0.00	0.00	0.00

Quantitation Report (Qedit)

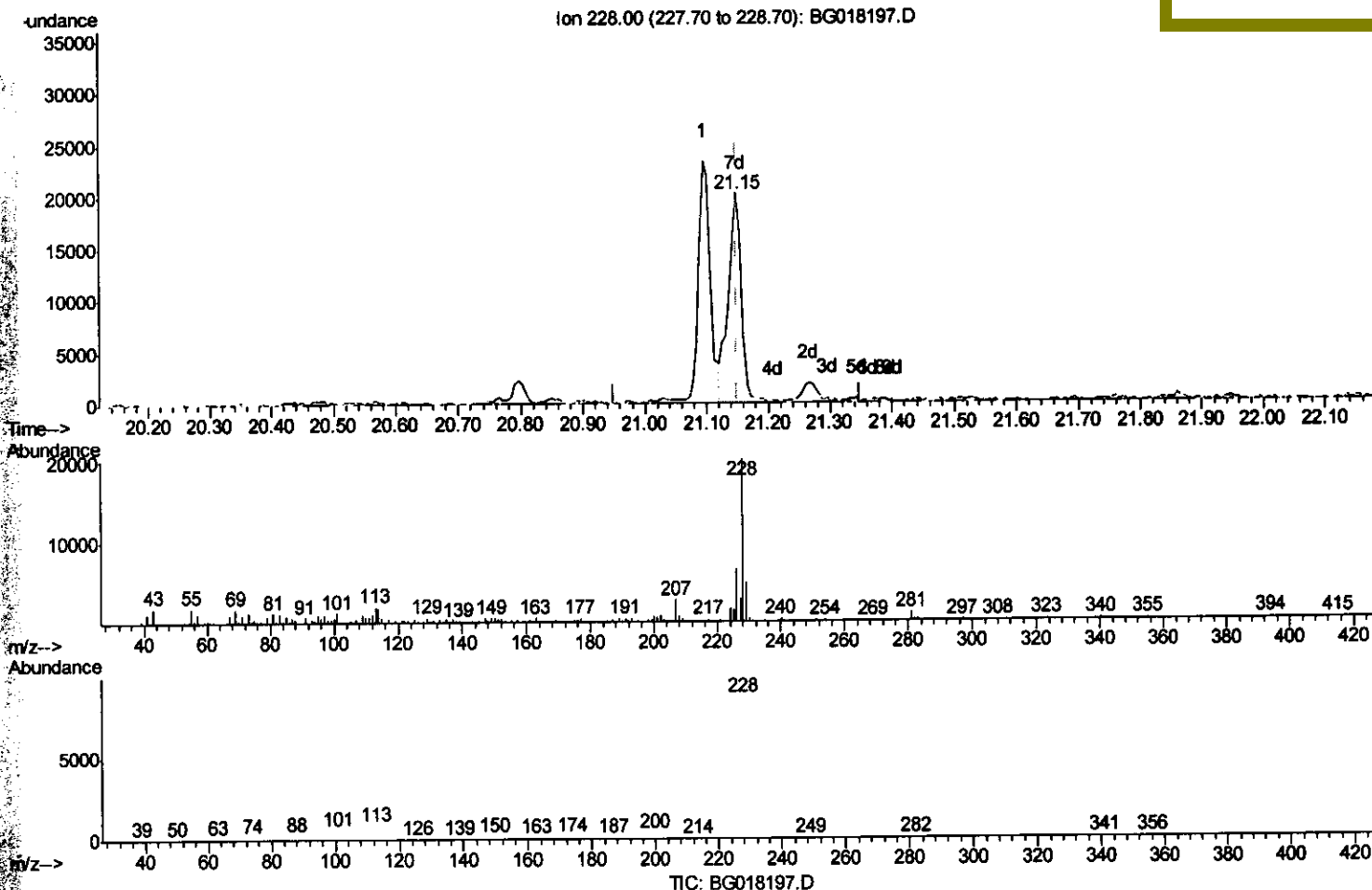
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(85) Chrysene

21.148min (-0.001) 2.69ng/ul m

response 29310

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	32.76
229.00	20.20	24.46#
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

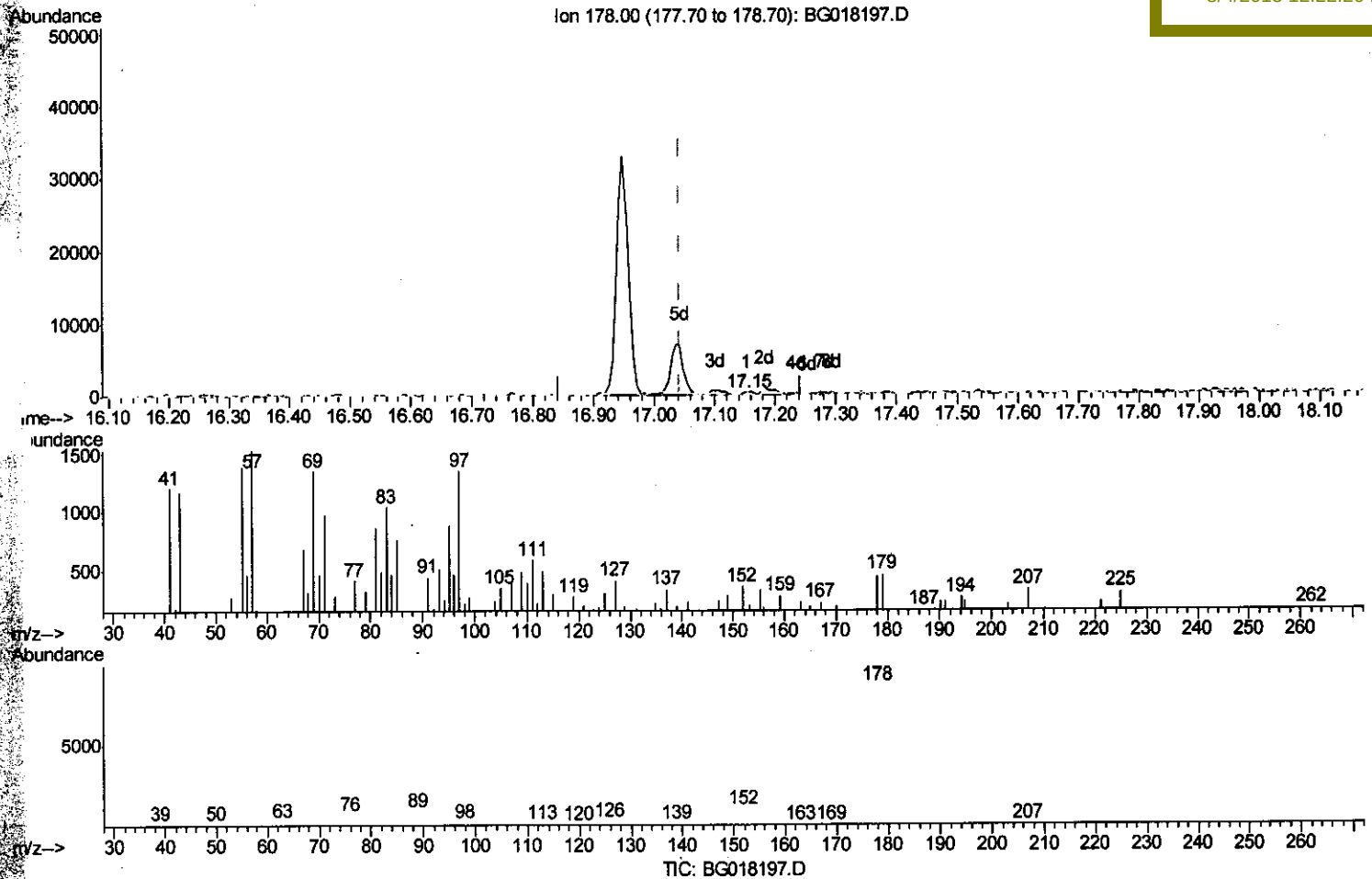
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:30:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(72) Anthracene

17.153min (+0.111) 0.05ng/ul

response 484

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	102.02#
176.00	18.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

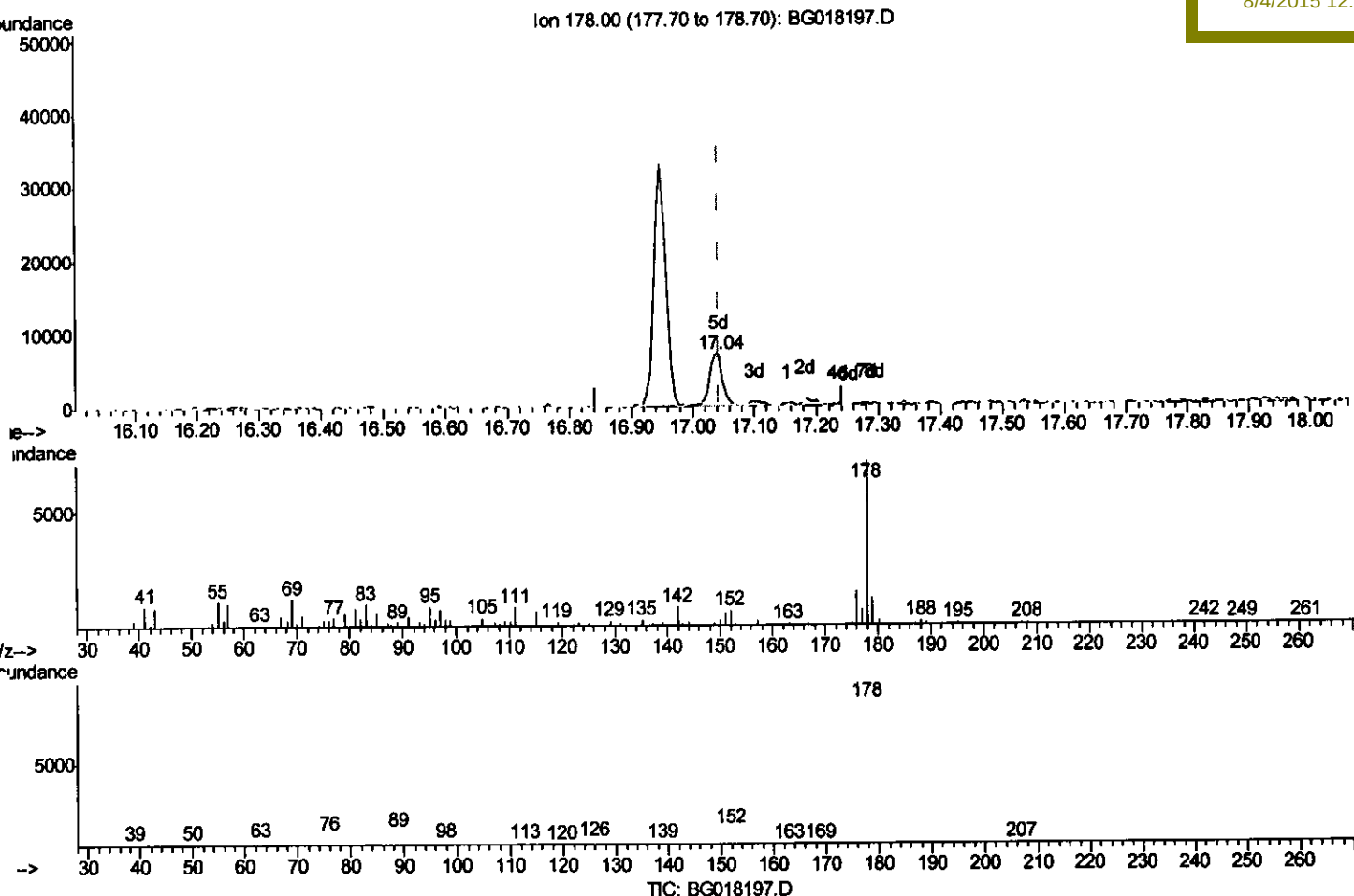
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:30:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integration
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM



(72) Anthracene

17.041min (-0.001) 1.06ng/ul m

response 10664

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	18.29#
176.00	18.50	22.00
0.00	0.00	0.00

UM
 08/11/15

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018197.D
 Acq On : 1 Aug 2015 1:06
 Operator : TP/UM
 Sample : G3073-10
 Disc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q3

Quant Time: Aug 01 05:33:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 Last Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Manual Integration
 APPROVED

MMDadoda
 8/4/2015 12:22:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	30861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	146532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	90288	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	199924m	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	220515m	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	232794	20.00	ng/ul	0.00

UM
 08/11/15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.97	96	1542	3.77	ng/uL	0.00
5) Phenol-d5	6.67	99	49306	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	27782	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	36714	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	37584	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	20431	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	22934	17.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	39264	16.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	19531	6.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	135133	19.37	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	127053	15.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	12998	10.07	ng/ul	0.00
58) Fluorene-d10	15.15	176	96576	15.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	15749	11.28	ng/ul	0.00
71) Anthracene-d10	17.01	188	125806	14.47	ng/ul	0.00
79) Pyrene-d10	19.32	212	124293	11.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	113197	9.62	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.62	163	71952	10.37	ng/ul	99
70) Phenanthrene	16.95	178	44437m	4.38	ng/ul	
72) Anthracene	17.04	178	10664m	1.06	ng/ul	
77) Fluoranthene	18.97	202	66533	5.96	ng/ul	97
80) Pvrene	19.34	202	57708	4.31	ng/ul	98
83) Benzo(a)anthracene	21.10	228	30217	2.54	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	9319	1.27	ng/ul	95
85) Chrysene	21.15	228	29310m	2.69	ng/ul	
88) Benzo(b)fluoranthene	22.63	252	43223	3.09	ng/ul#	87
91) Benzo(a)pyrene	23.19	252	29011	2.32	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.47	276	19267	1.33	ng/ul#	94
94) Benzo(g,h,i)perylene	26.14	276	18535	1.57	ng/ul	96

UM
 08/11/15

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