

Quantitation Report (QT Reviewed)

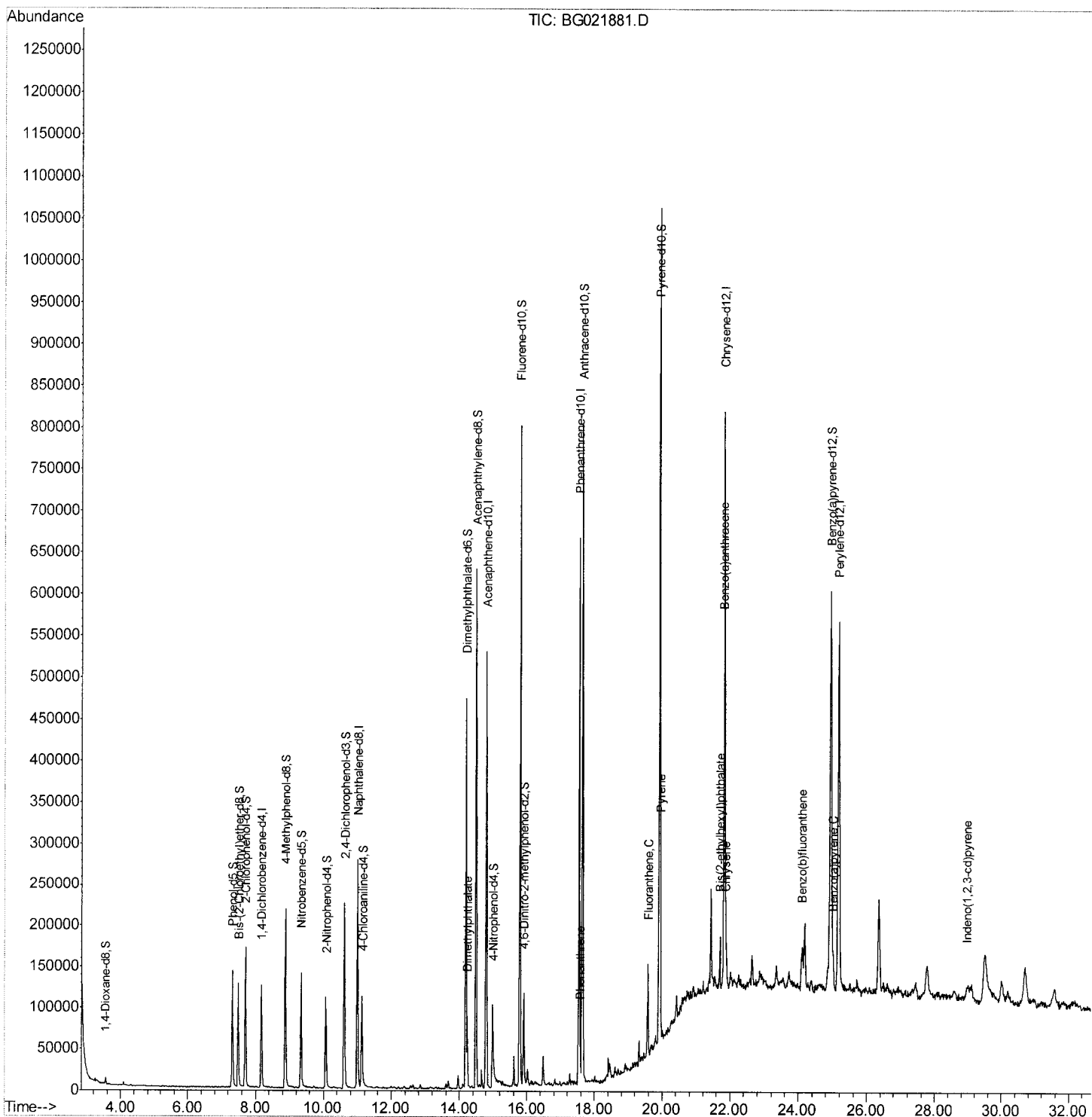
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021881.D
 Acq On : 12 May 2016 23:16
 Operator : UM/SJ
 Sample : H2936-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9WK8

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:19 PM

Quant Time: May 13 08:09:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

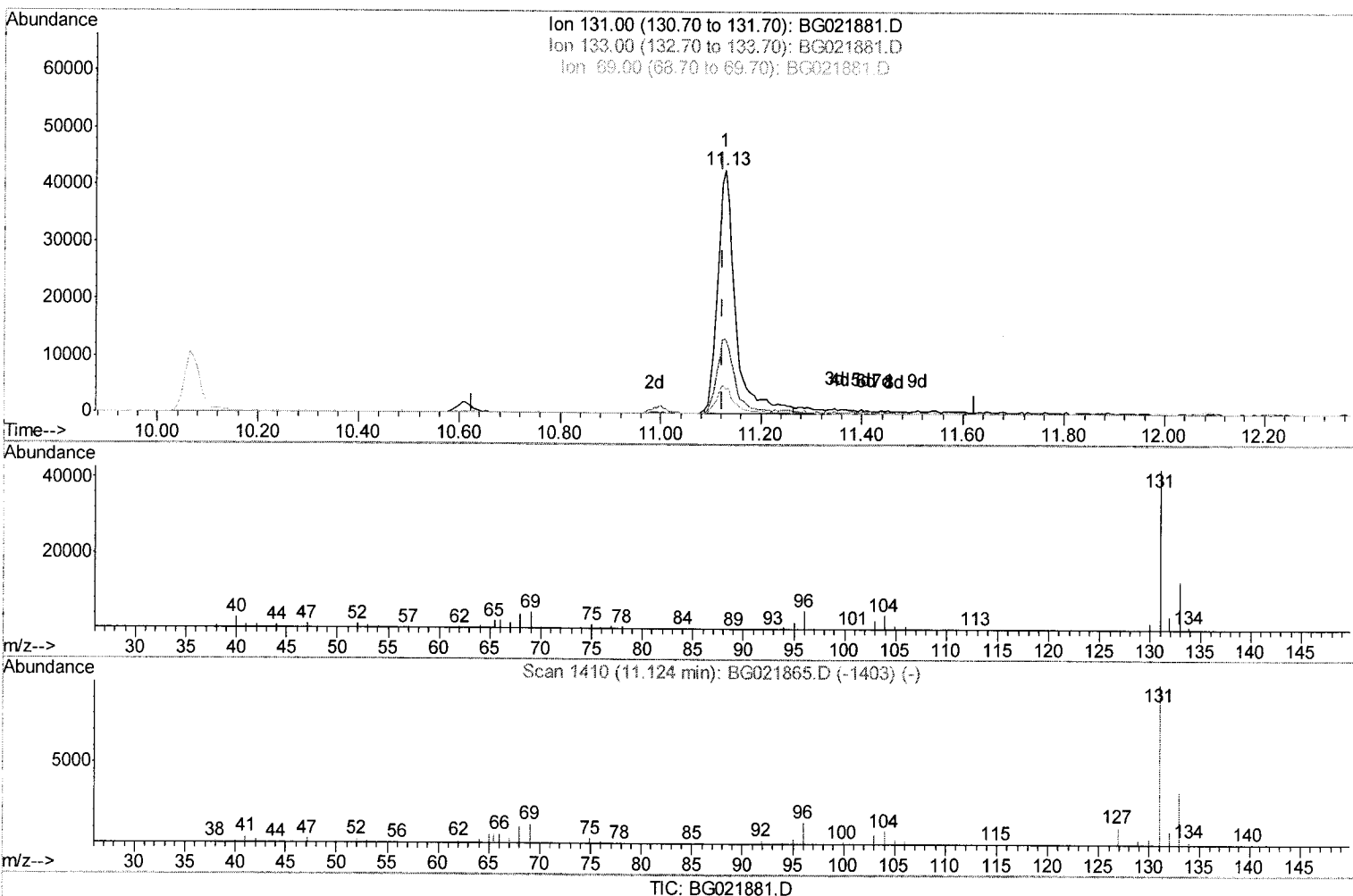
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021881.D
 Acq On : 12 May 2016 23:16
 Operator : UM/SJ
 Sample : H2936-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK8

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:19 PM

Quant Time: May 13 08:07:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.128min (+0.004) 27.37ng/ul m

response 106741

Ion Exp% Act%

131.00 100 100

133.00 34.60 30.71

69.00 23.00 10.56#

0.00 0.00 0.00

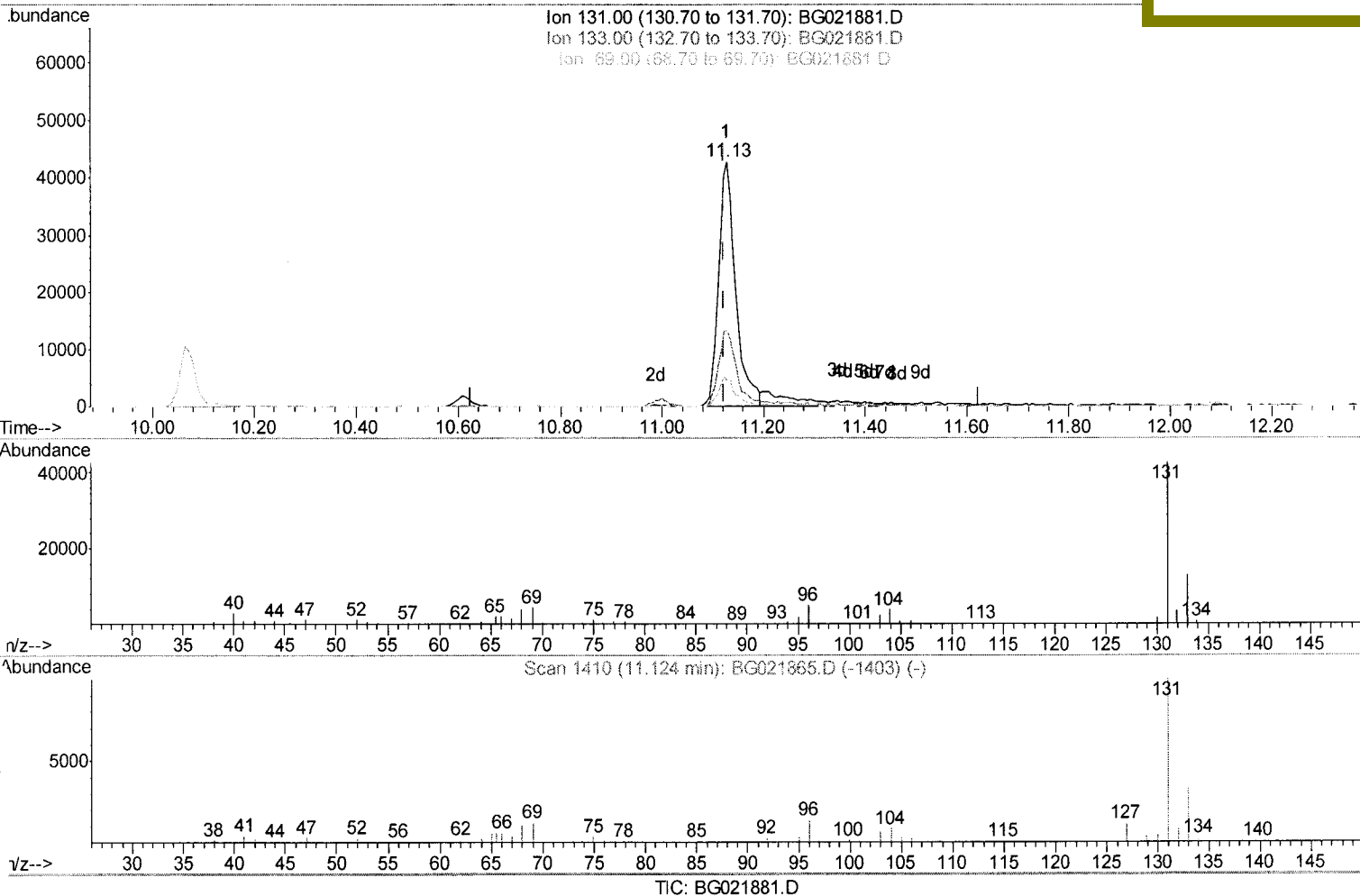
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021881.D
Acq On : 12 May 2016 23:16
Operator : UM/SJ
Sample : H2936-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK8

Quant Time: May 13 08:07:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:19 PM



(29) 4-Chloroaniline-d4 (S)

11.128min (+0.004) 25.51ng/ul

response 99507

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.71
69.00	23.00	10.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

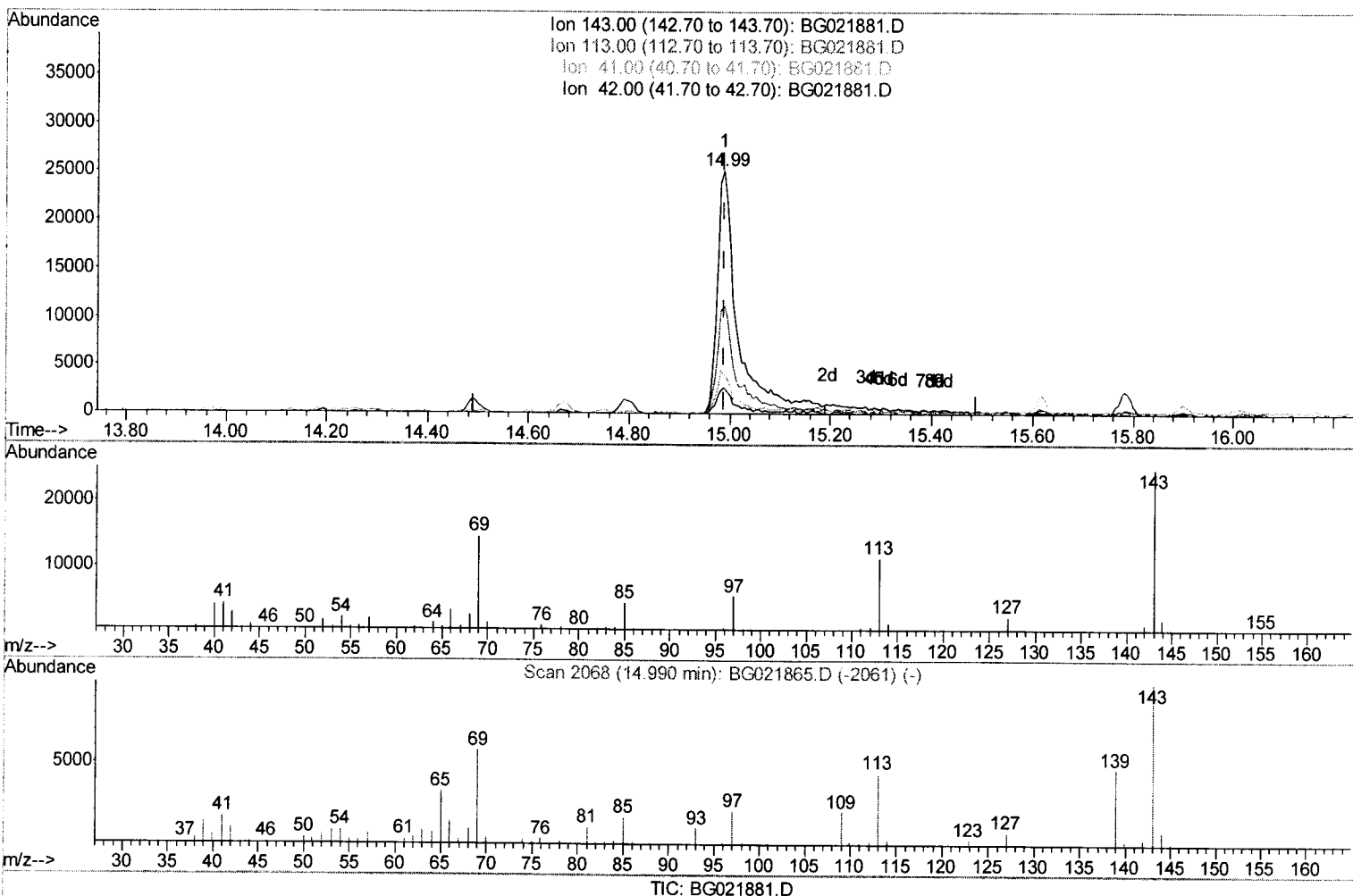
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021881.D
 Acq On : 12 May 2016 23:16
 Operator : UM/SJ
 Sample : H2936-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK8

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:19 PM

Quant Time: May 13 08:07:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

14.988min (-0.002) 28.19ng/ul m

response 73881

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	44.88#
41.00	49.70	16.58#
42.00	33.70	10.97#

> U.M
 05/16/16

Quantitation Report (Qedit)

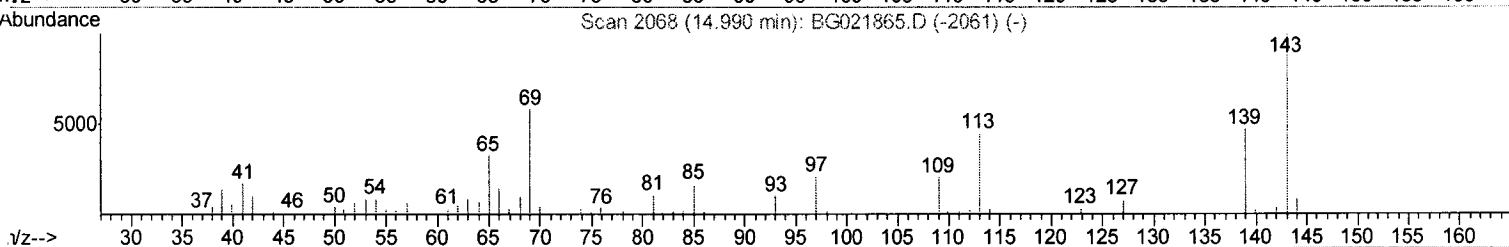
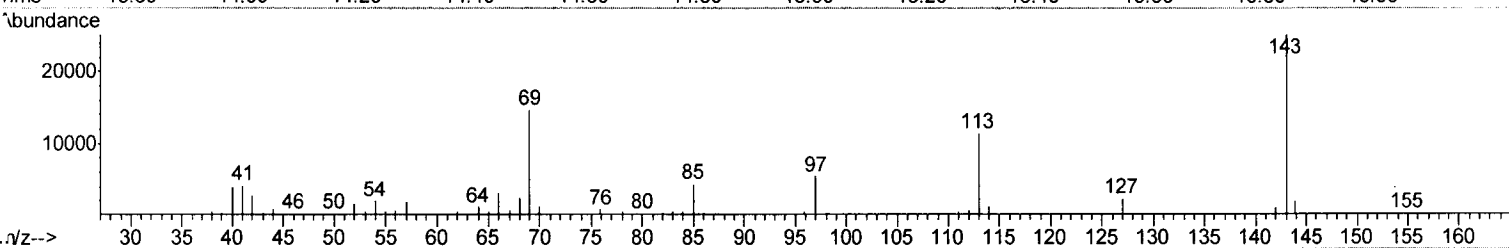
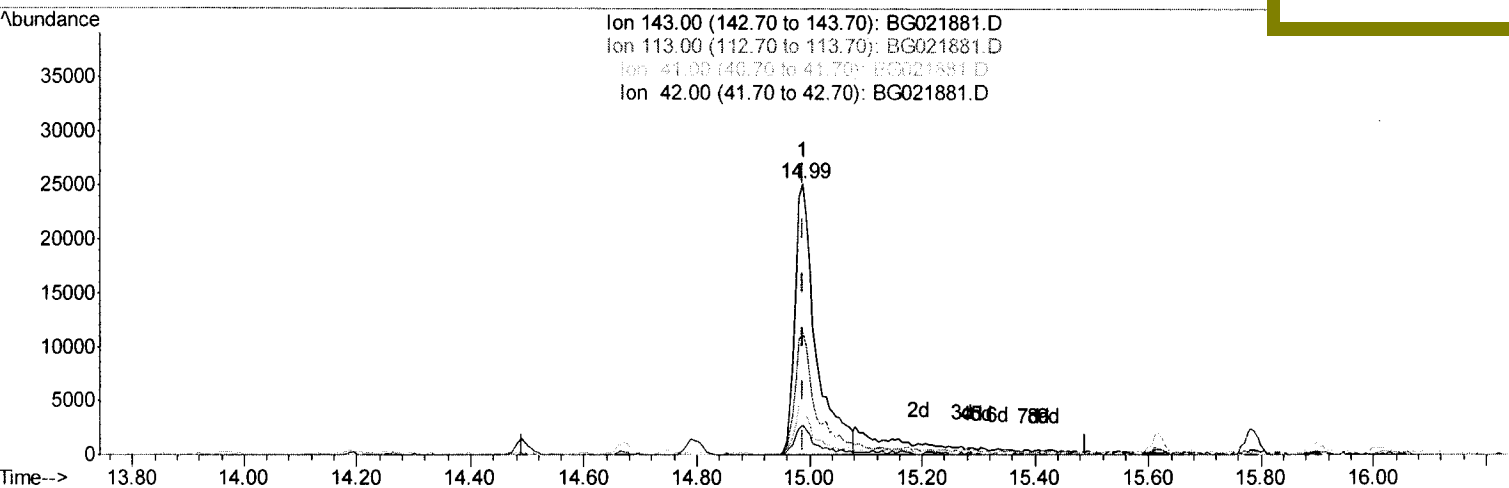
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021881.D
Acq On : 12 May 2016 23:16
Operator : UM/SJ
Sample : H2936-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9WK8

Quant Time: May 13 08:07:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:19 PM



TIC: BG021881.D

(52) 4-Nitrophenol-d4 (S)

14.988min (-0.002) 24.50ng/ul

response 64210

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	44.88#
41.00	49.70	16.58#
42.00	33.70	10.97#

Quantitation Report (Qedit)

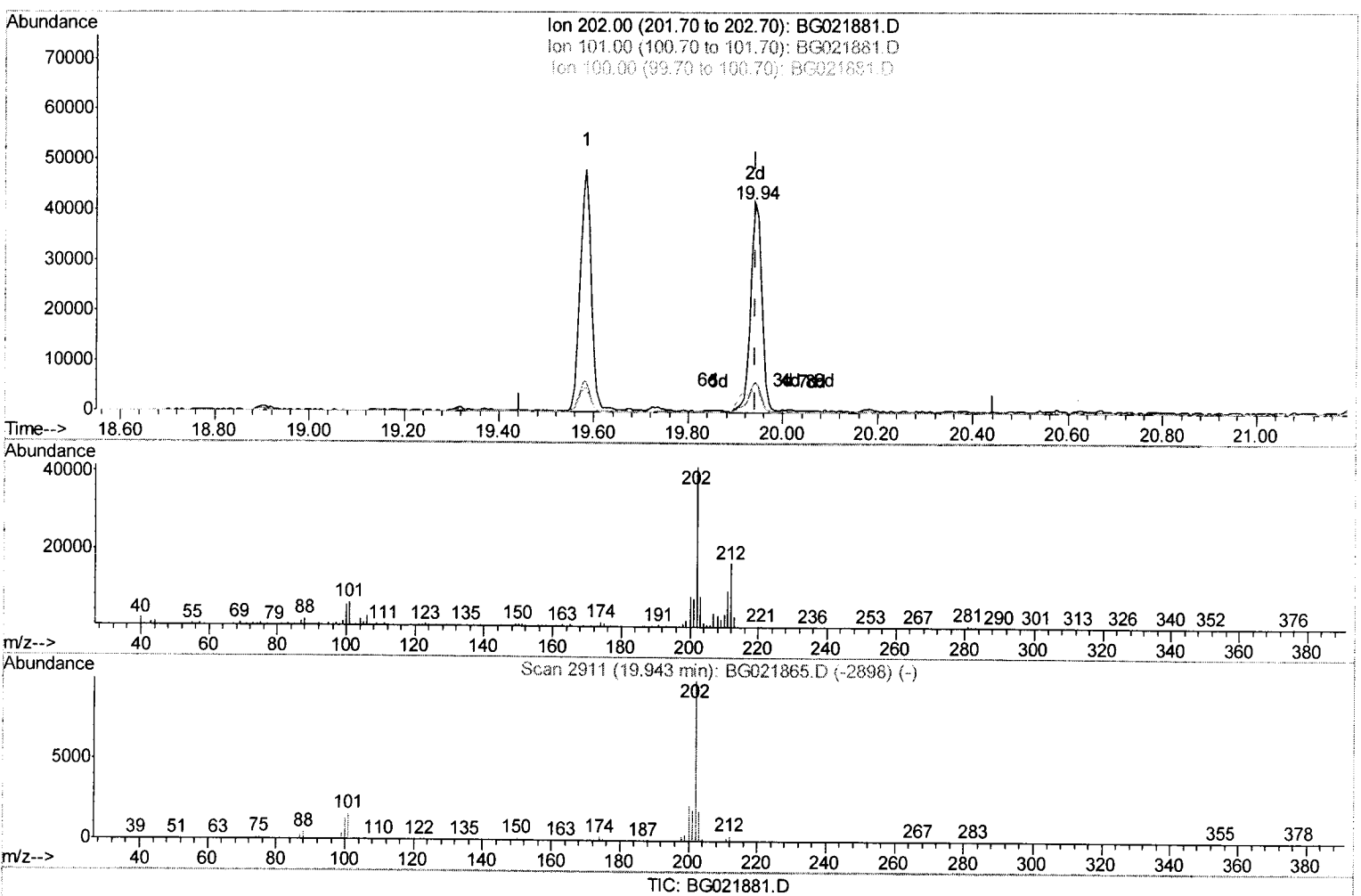
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021881.D
 Acq On : 12 May 2016 23:16
 Operator : UM/SJ
 Sample : H2936-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK8

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:19 PM

Quant Time: May 13 08:07:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration



(78) Pyrene

19.941min (-0.002) 2.65ng/ul m

response 70148

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	14.86#
100.00	11.60	13.13
0.00	0.00	0.00

> U.M
 05/16/16

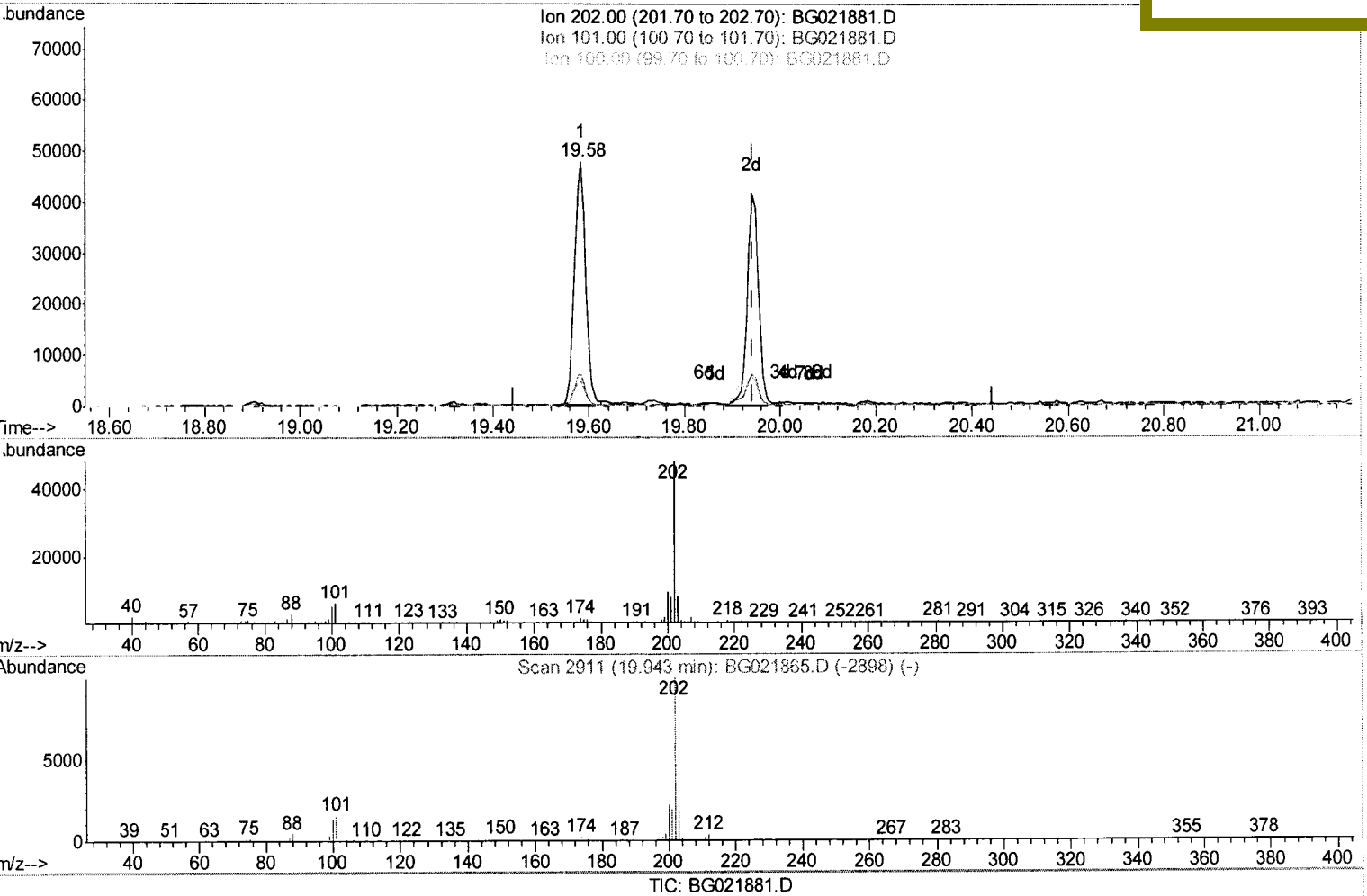
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021881.D
Acq On : 12 May 2016 23:16
Operator : UM/SJ
Sample : H2936-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK8

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:19 PM

Quant Time: May 13 08:07:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



(78) Pyrene

19.583min (-0.360) 2.87ng/ul

response 76097

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.61
100.00	11.60	10.30
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021881.D
 Acq On : 12 May 2016 23:16
 Operator : UM/SJ
 Sample : H2936-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK8

Quant Time: May 13 08:09:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	308333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	217716	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	466426	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	458360	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	465313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5902	5.65	ng/uL	0.01
5) Phenol-d5	7.32	99	136764	36.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62854	33.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	123050	42.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	129182	41.13	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	64265	31.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	72880	56.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	132811	36.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	106741m	27.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	428758	28.04	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	566275	26.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	73881m	28.19	ng/ul	0.00
58) Fluorene-d10	15.79	176	388212	24.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	43199	33.43	ng/ul	0.00
71) Anthracene-d10	17.64	188	544224	23.97	ng/ul	0.00
77) Pyrene-d10	19.92	212	582606	27.15	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	557503	25.22	ng/ul	0.00

U.M
 05/16/16

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.24	163	72046	4.63	ng/ul	97
70) Phenanthrene	17.58	178	30421	1.19	ng/ul	99
75) Fluoranthene	19.58	202	76097	2.63	ng/ul	96
78) Pyrene	19.94	202	70148m	2.65	ng/ul	
81) Benzo(a)anthracene	21.80	228	42456	1.66	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.69	149	34124	3.57	ng/ul	92
83) Chrysene	21.87	228	42255	1.67	ng/ul	95
86) Benzo(b)fluoranthene	24.10	252	63810	2.40	ng/ul#	91
89) Benzo(a)pyrene	25.01	252	40438	1.53	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.98	276	32432	1.03	ng/ul#	88

U.M
 05/16/16

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