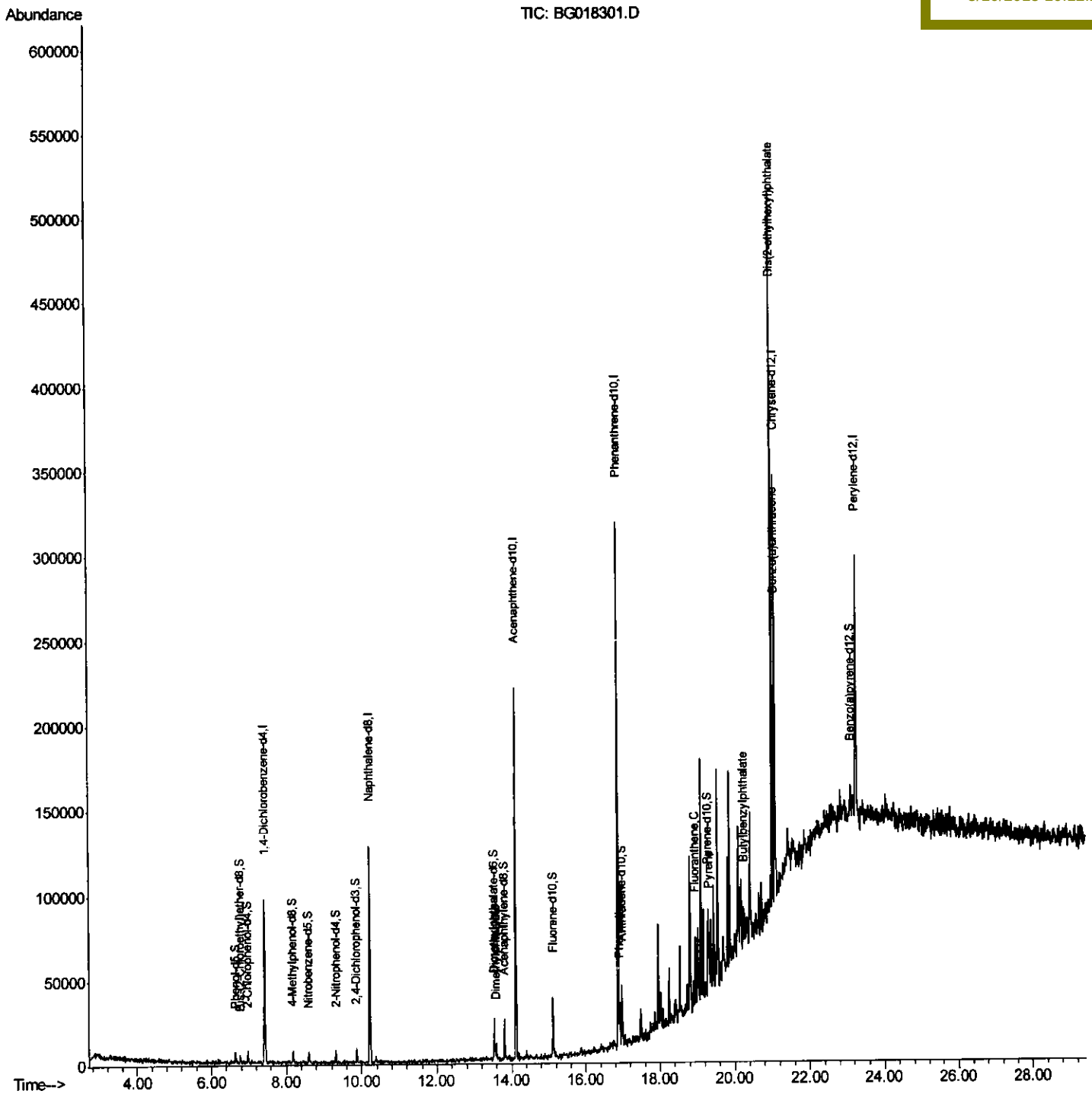
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
Data File : BG018301.D
Acq On : 6 Aug 2015 12:59
Operator : UM/TP
Sample : G3109-17DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 01:58:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:21 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
Data File : BG018301.D
Acq On : 6 Aug 2015 12:59
Operator : UM/TP
Sample : G3109-17DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 01:33:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7DL

Manual Integrations APPROVED
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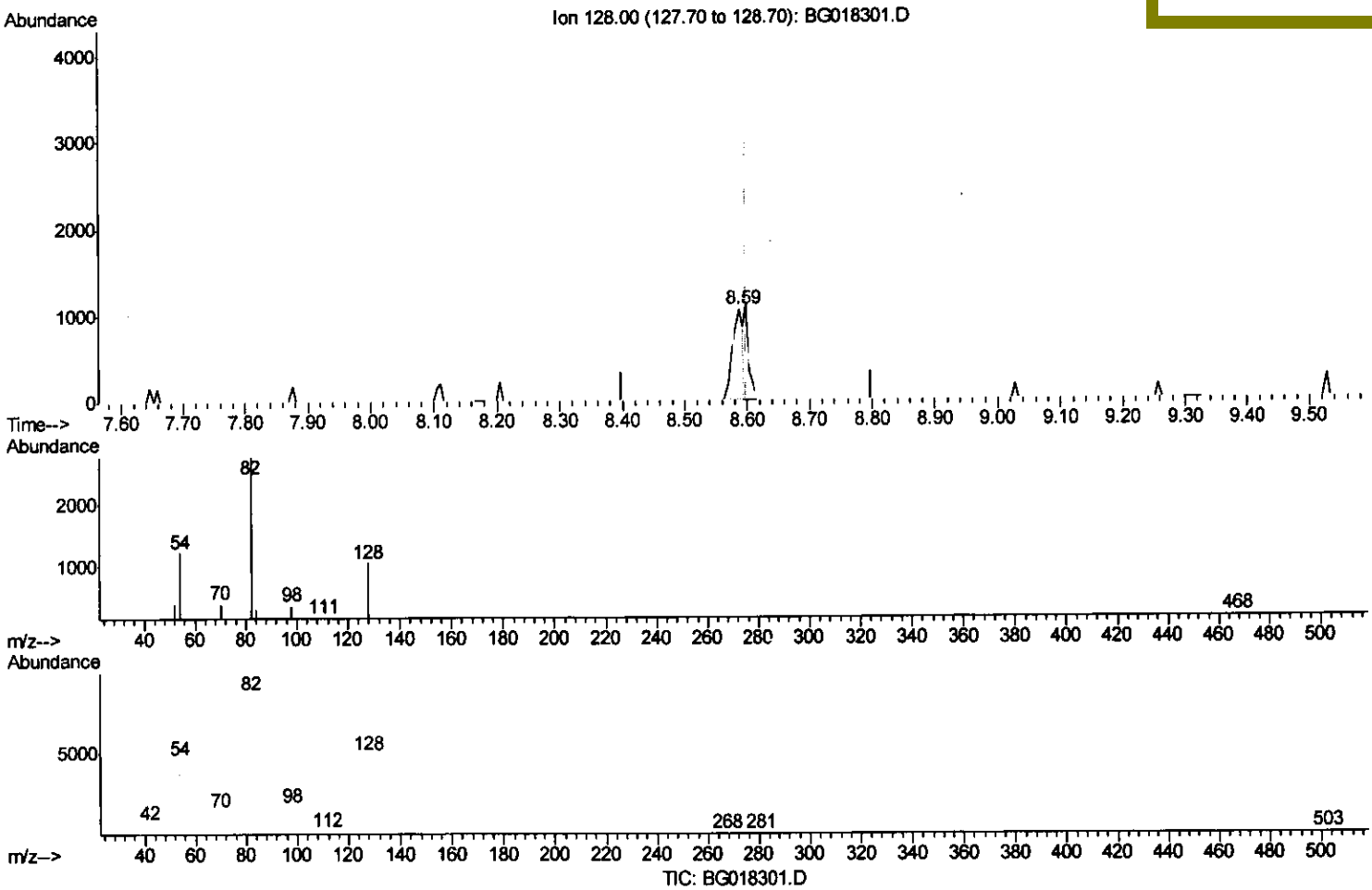
8/10/2015 10:12:21 AM



(19) Nitrobenzene-d5 (S)

8.586min (-0.012) 1.61ng/ul

response 1198

Ion	Exp%	Act%
128.00	100	100
82.00	230.20	264.89
54.00	98.60	117.08
0.00	0.00	0.00

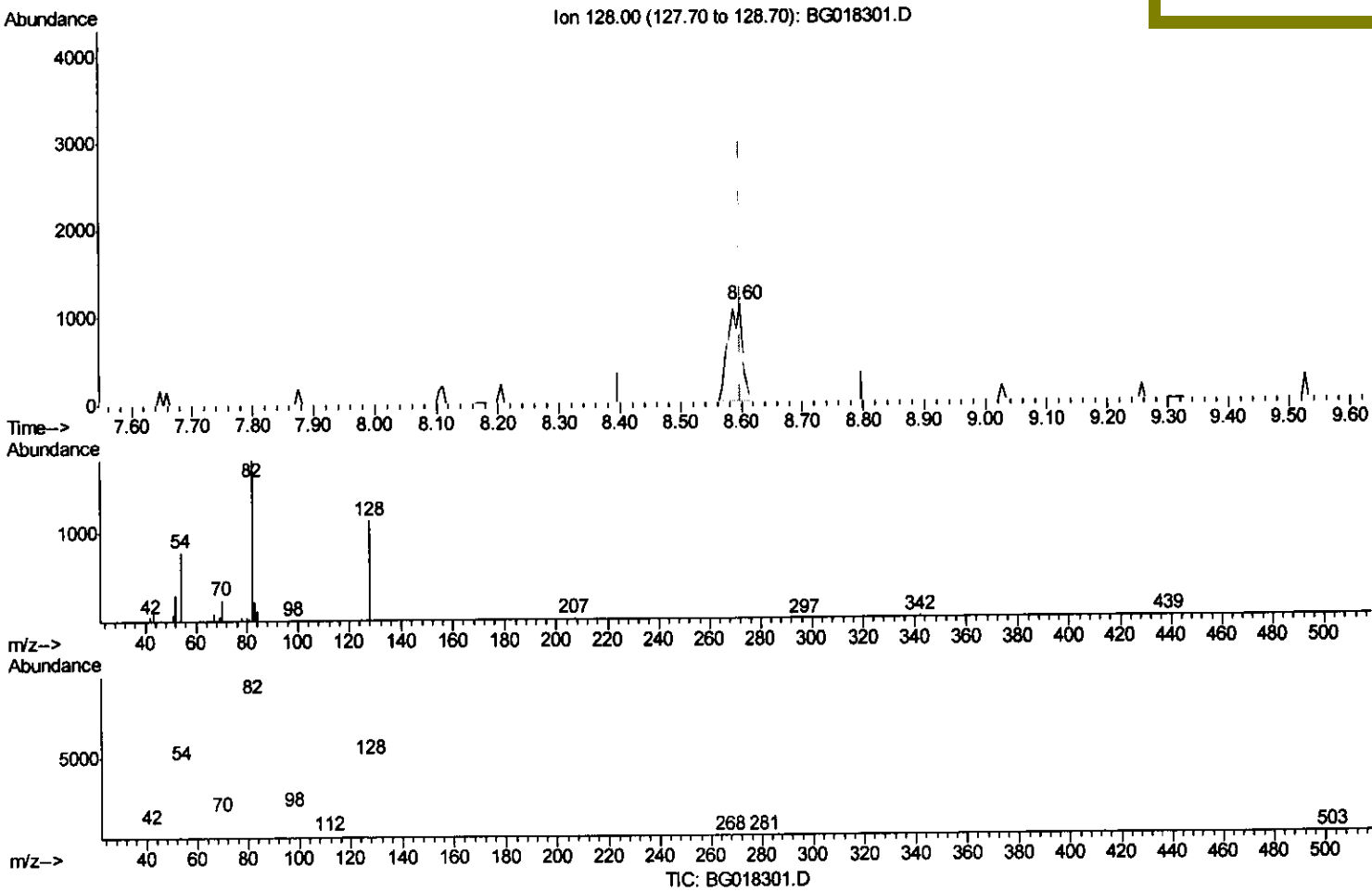
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
Data File : BG018301.D
Acq On : 6 Aug 2015 12:59
Operator : UM/TP
Sample : G3109-17DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 01:33:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:21 AM



(19) Nitrobenzene-d5 (S)

8.598min (-0.000) 2.37ng/ul m T.P 8/8/15

response 1763

Ion	Exp%	Act%
128.00	100	100
82.00	230.20	153.57#
54.00	98.60	73.44#
0.00	0.00	0.00

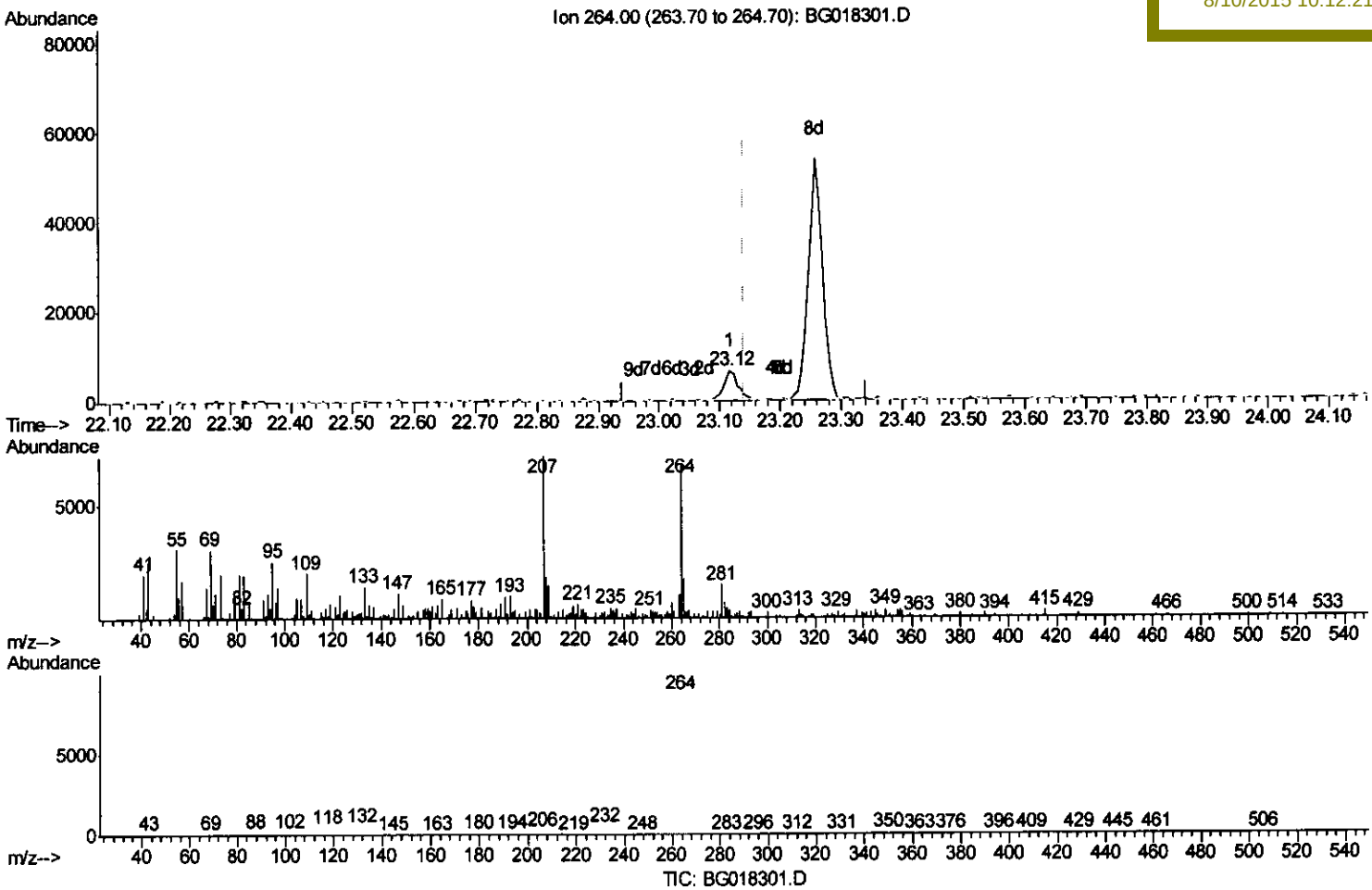
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
Data File : BG018301.D
Acq On : 6 Aug 2015 12:59
Operator : UM/TP
Sample : G3109-17DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 01:57:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:21 AM



TIC: BG018301.D

(90) Benzo(a)pyrene-d12 (S)

23.116min (-0.024) 2.31ng/ul

response 10555

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	6.70
118.00	4.30	4.77
0.00	0.00	0.00

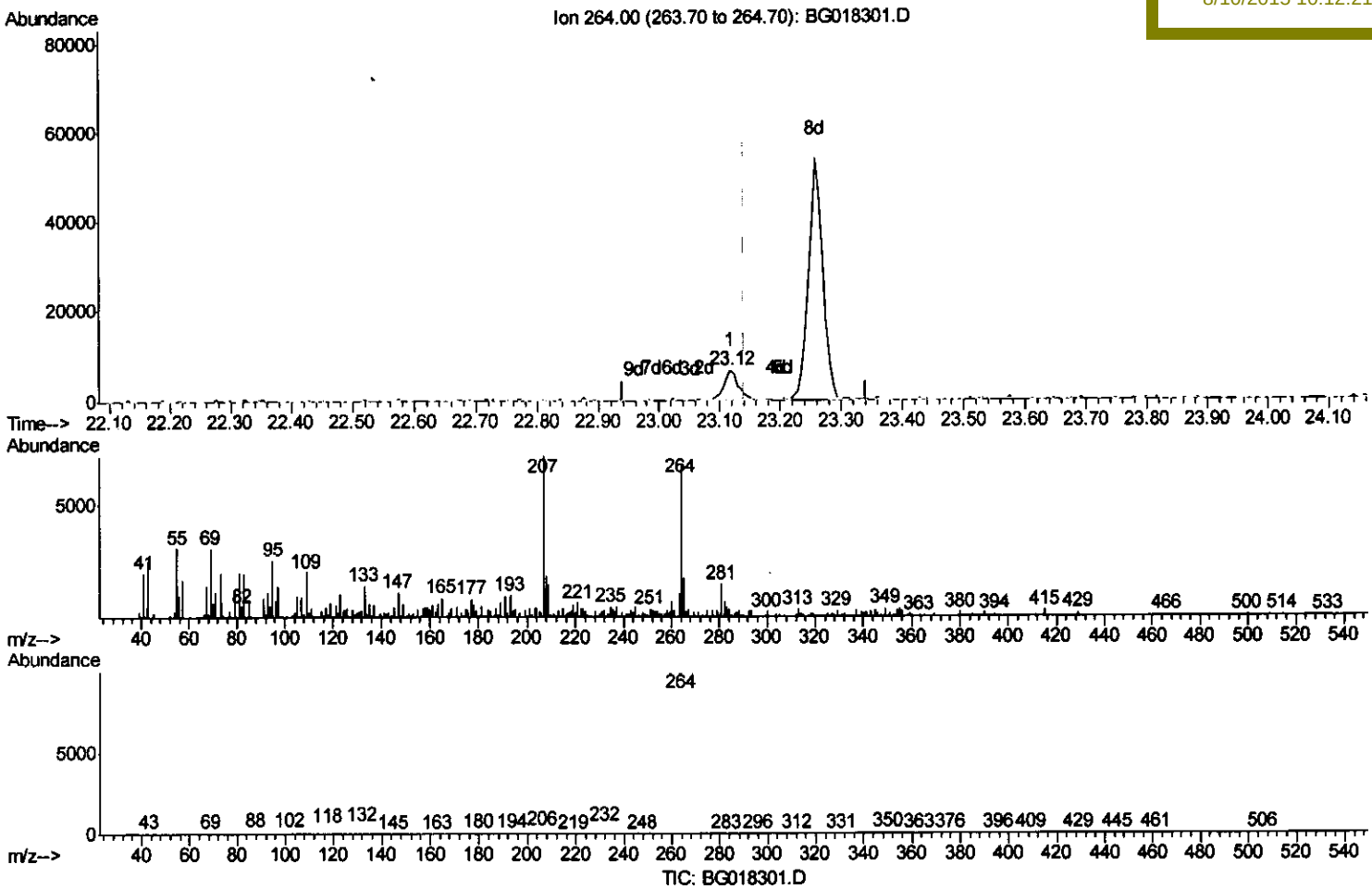
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
Data File : BG018301.D
Acq On : 6 Aug 2015 12:59
Operator : UM/TP
Sample : G3109-17DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 01:57:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01W7DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:21 AM



(90) Benzo(a)pyrene-d12 (S)

23.116min (-0.024) 2.56ng/ul m T. P 8/8/15

response 11691

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	6.70
118.00	4.30	4.77
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018301.D
Acq On : 6 Aug 2015 12:59
Operator : UM/TP
Sample : G3109-17DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 02:02:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C01W7DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	22211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	96102	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	69213	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	170463	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	115222	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	87668	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	3633	2.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	2279	2.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	2928	2.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2561	1.74	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1763m	2.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	2052	2.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	3364	2.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	611	0.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	13382	2.50	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	13918	2.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	612	0.69	ng/ul	0.01
58) Fluorene-d10	15.12	176	12933	2.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	82	0.07	ng/ul	0.00
71) Anthracene-d10	16.98	188	18046	2.41	ng/ul	0.00
79) Pyrene-d10	19.29	212	17632	2.73	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.12	264	11691m	2.56	ng/ul	-0.02
Target Compounds						Qvalue
70) Phenanthrene	16.92	178	13600	1.58	ng/ul	97
77) Fluoranthene	18.96	202	19709	2.07	ng/ul#	97
80) Pyrene	19.32	202	18037	2.25	ng/ul#	96
81) Butylbenzylphthalate	20.24	149	4851	1.56	ng/ul#	82
83) Benzo(a)anthracene	21.08	228	6399	1.05	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.02	149	135515	36.24	ng/ul	97

U.M 08/08/15

U.M 08/08/15

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