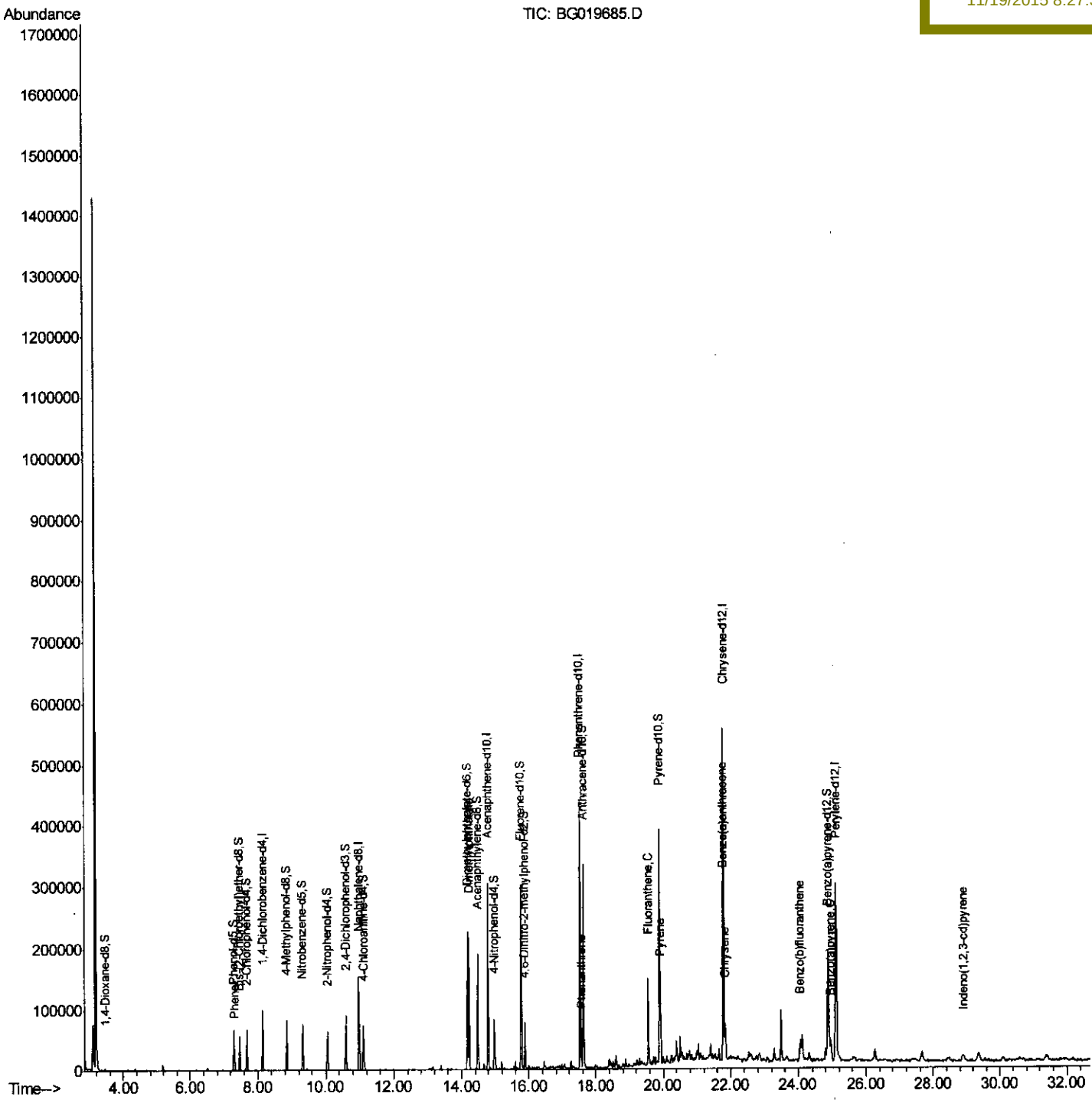
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019685.D
Acq On : 18 Nov 2015 7:12
Operator : UM/NP
Sample : G4427-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 18 07:52:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC7A5

Manual Integrations APPROVED
mohammad
11/19/2015 8:27:32 AM



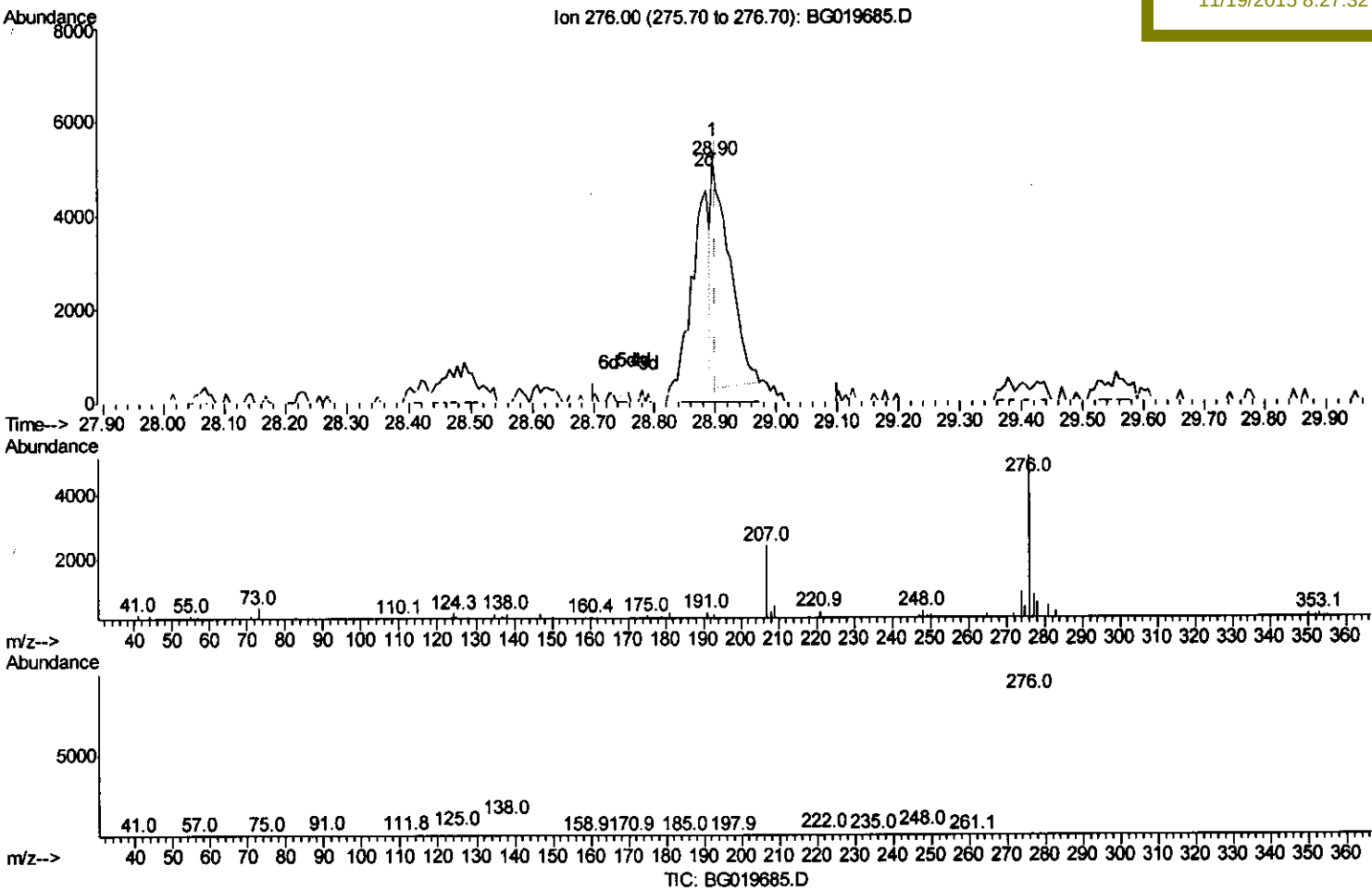
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019685.D
Acq On : 18 Nov 2015 7:12
Operator : UM/NP
Sample : G4427-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 18 07:48:44 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC7A5

Manual Integrations APPROVED
mohammad
11/19/2015 8:27:32 AM



(92) Indeno(1,2,3-cd)pyrene

28.896min (-0.005) 0.48ng/ul

response 10136

Ion	Exp%	Act%
276.00	100	100
138.00	12.40	11.06
277.00	26.60	16.66#
0.00	0.00	0.00

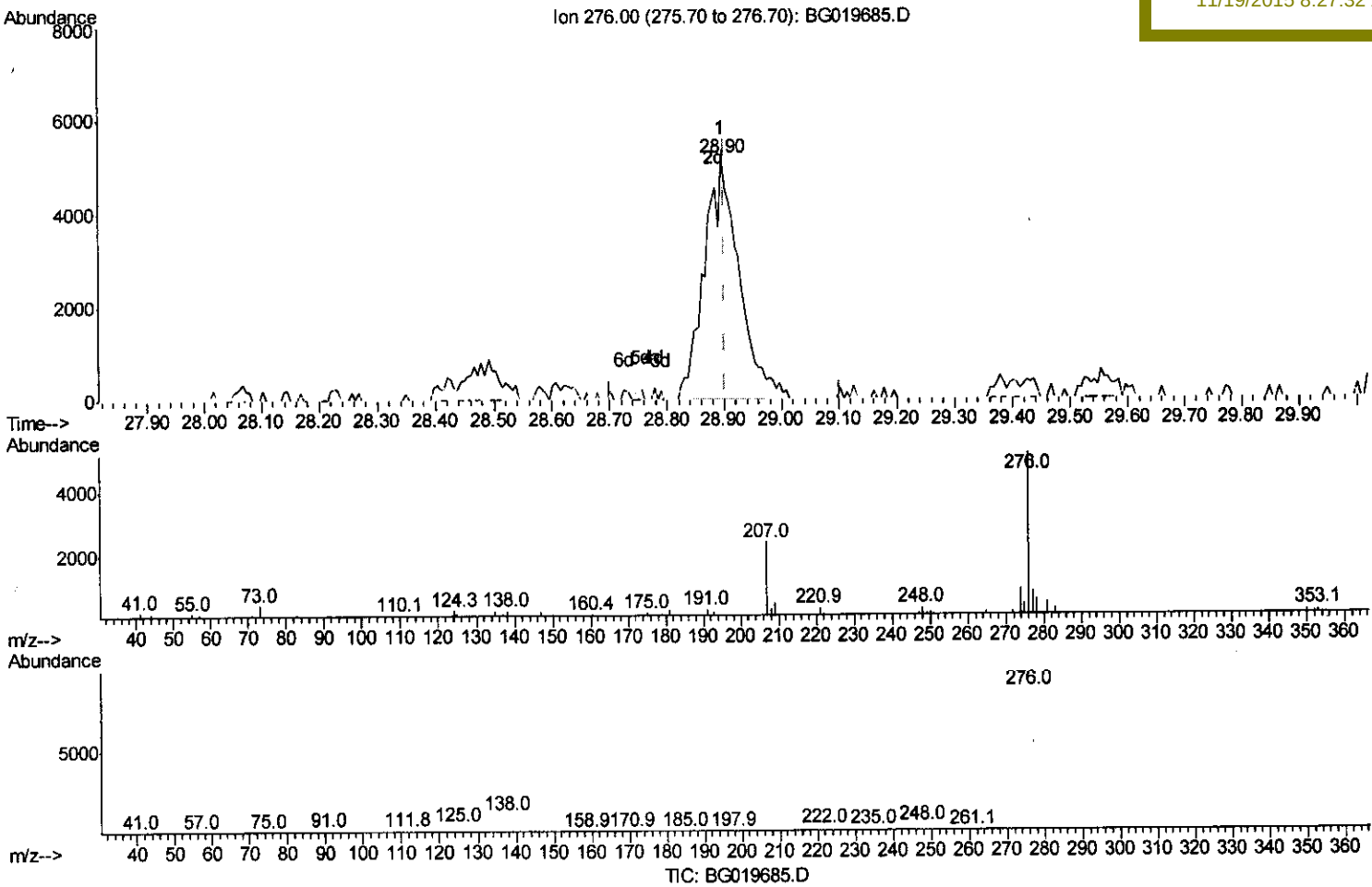
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019685.D
Acq On : 18 Nov 2015 7:12
Operator : UM/NP
Sample : G4427-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 18 07:48:44 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC7A5

Manual Integrations APPROVED
mohammad
11/19/2015 8:27:32 AM



(92) Indeno(1,2,3-cd)pyrene

28.896min (-0.005) 1.05ng/ul m U.M 11/19/15

response 22004

Ion	Exp%	Act%
276.00	100	100
138.00	12.40	5.71#
277.00	26.60	16.66#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019685.D
Acq On : 18 Nov 2015 7:12
Operator : UM/NP
Sample : G4427-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7A5

Manual Integrations APPROVED
mohammad
11/19/2015 8:27:32 AM

Quant Time: Nov 18 07:52:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	26495	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	115697	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	101575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	270589	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	325999	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	317169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1743	2.81	ng/uL	0.00
5) Phenol-d5	7.29	99	40802	15.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	29899	16.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	26883	15.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31973	14.23	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	15235	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17533	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33877	14.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	33924	15.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	144169	15.69	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	130982	13.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	16429	11.35	ng/ul	0.00
58) Fluorene-d10	15.77	176	117965	14.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	16673	9.54	ng/ul	0.00
71) Anthracene-d10	17.62	188	192945	14.69	ng/ul	0.00
79) Pyrene-d10	19.89	212	192866	12.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	204000	12.32	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.32	94	3309	1.13	ng/ul	91
45) Dimethylphthalate	14.22	163	132514	14.55	ng/ul	99
70) Phenanthrene	17.56	178	15571	1.08	ng/ul	96
77) Fluoranthene	19.56	202	88074	4.77	ng/ul	99
80) Pyrene	19.92	202	68314	3.59	ng/ul#	97
83) Benzo(a)anthracene	21.77	228	54714	2.77	ng/ul	97
85) Chrysene	21.84	228	40148	2.16	ng/ul	99
88) Benzo(b)fluoranthene	24.05	252	52336	2.68	ng/ul#	95
91) Benzo(a)pyrene	24.95	252	36929	1.96	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.90	276	22004m	1.05	ng/ul	

U.M 11/19/15

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