Quantitation Report (QT Reviewed)

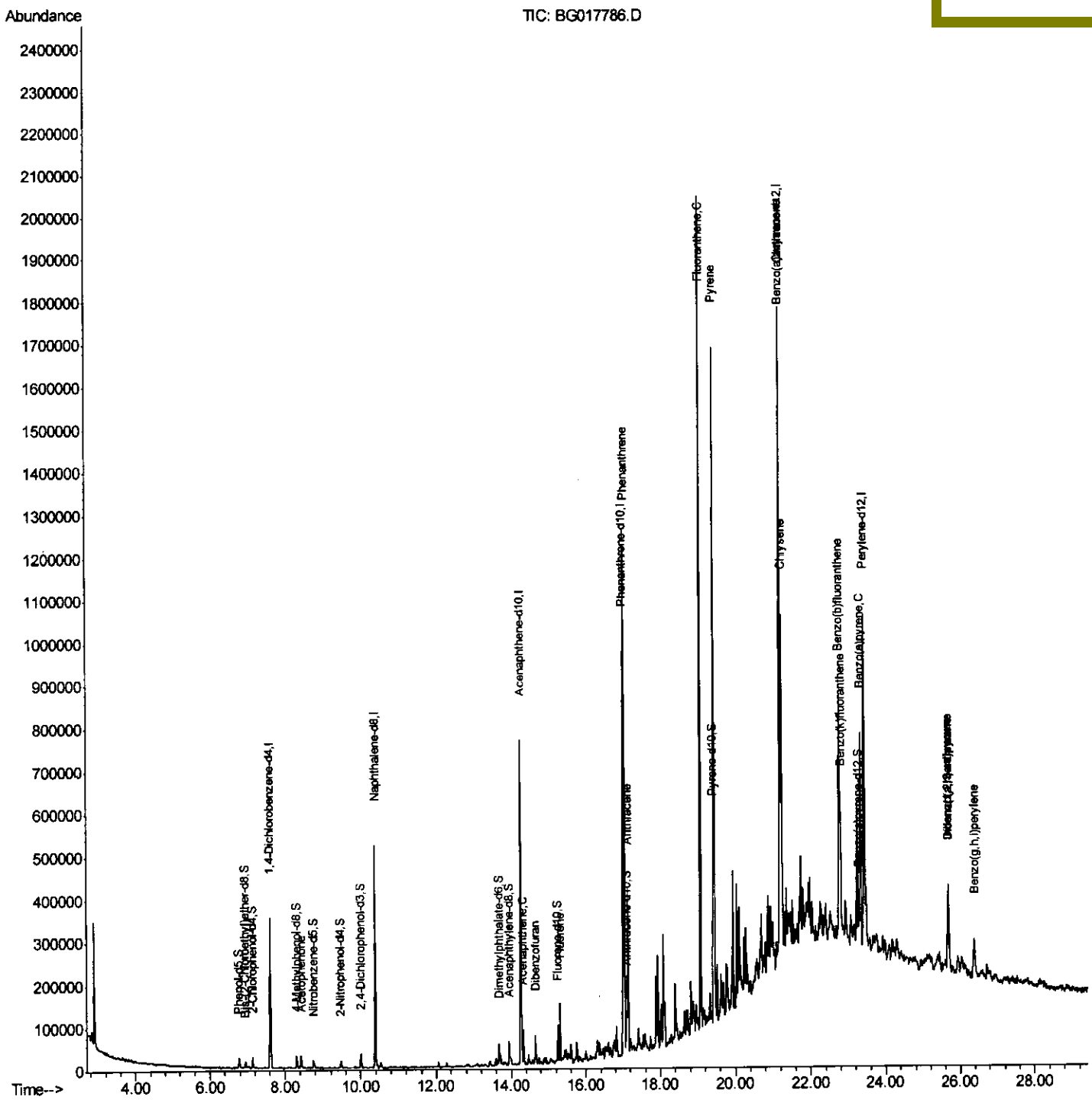
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X

Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 07 04:22:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G93J2DL

Manual Integrations APPROVED
apatel
7/9/2015 8:35:31 AM



Quantitation Report (Qedit)

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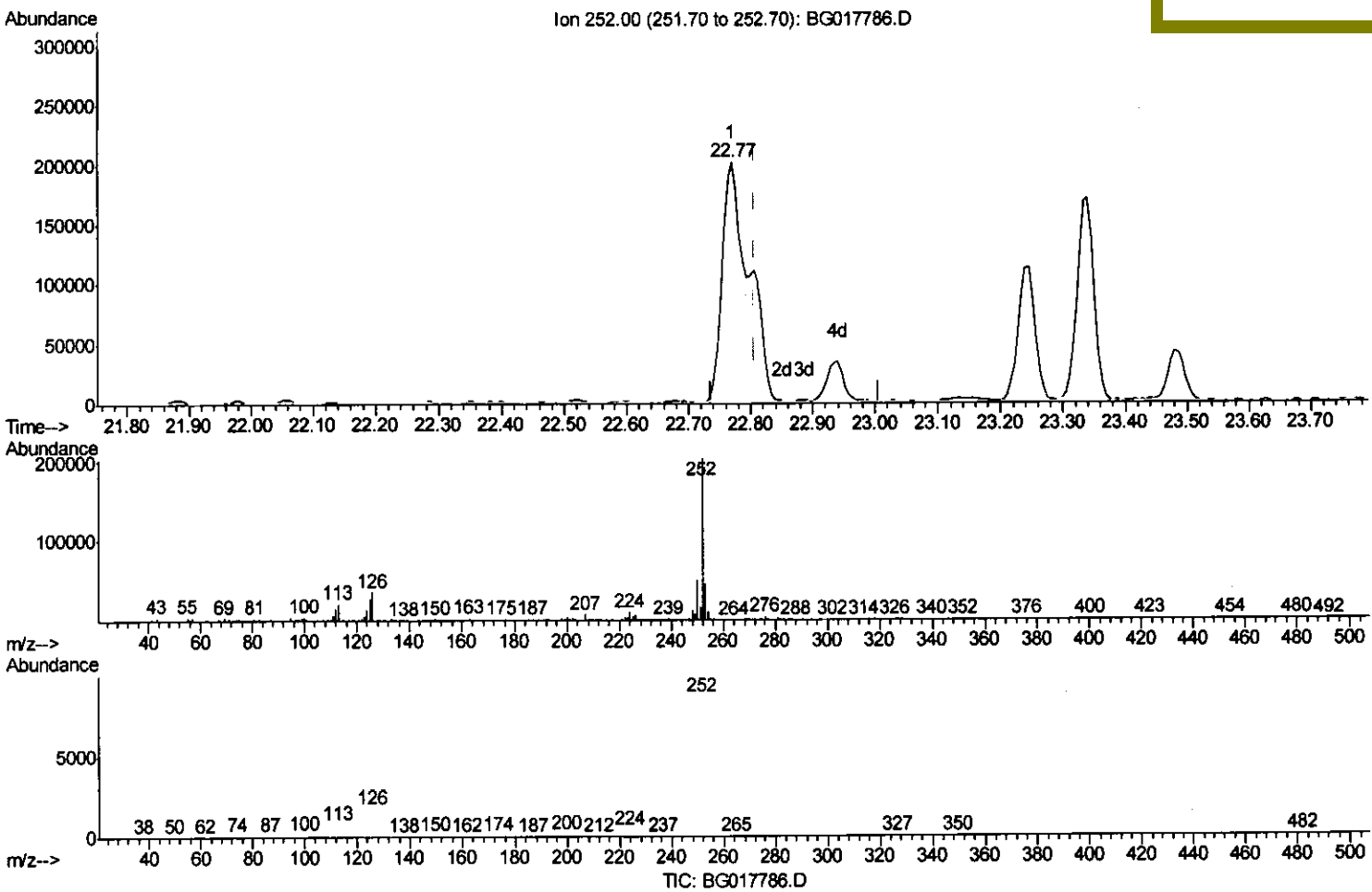

TIC: BG017786.D

(88) Benzo(k)fluoranthene

22.769min (-0.037) 5.75ng/ul

response 158711

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.00
125.00	14.50	14.01
0.00	0.00	0.00

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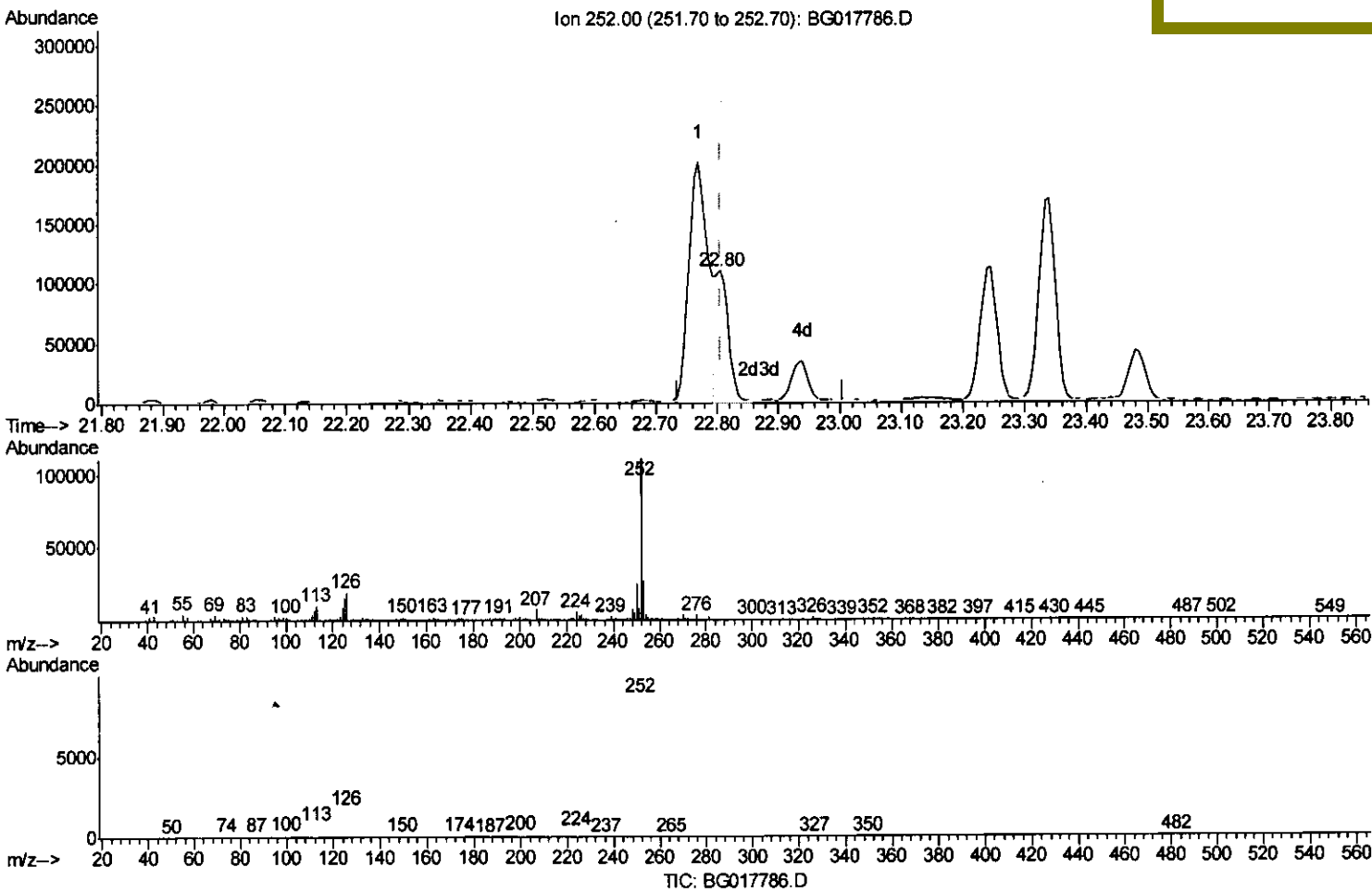
Manual Integrations APPROVED
apatel
7/9/2015 8:35:31 AM



TIC: BG017786.D

(88) Benzo(k)fluoranthene

22.804min (-0.001) 6.14ng/ul m

response 169427

T.P 7/10/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.46
125.00	14.50	14.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG017786.D
Acq On : 7 Jul 2015 1:26
Operator : TP/UM
Sample : G2860-07DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 07 04:22:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : G93J2DL

Manual Integrations APPROVED
apatel
7/9/2015 8:35:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	83413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	389923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	249352	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	501622	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	519082	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	512305	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	12500	1.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	7190	1.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	10547	1.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	10386	1.80	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	4975	1.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	5410	1.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	9663	1.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	6066	0.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	29109	1.76	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	38036	1.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	3278	0.99	ng/ul	0.00
57) Fluorene-d10	15.25	176	29706	1.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	1173	0.50	ng/ul	0.00
70) Anthracene-d10	17.11	188	39854	1.74	ng/ul	0.00
78) Pyrene-d10	19.41	212	42337	1.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	38058	1.69	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.42	105	14000	1.65	ng/ul	90
49) Acenaphthene	14.32	153	30593	1.87	ng/ul	95
53) Dibenzofuran	14.66	168	32106	1.45	ng/ul	95
58) Fluorene	15.31	166	55991	2.85	ng/ul	98
69) Phenanthrene	17.05	178	630280	22.99	ng/ul	98
71) Anthracene	17.14	178	220457	7.82	ng/ul	99
76) Fluoranthene	19.08	202	987982	37.40	ng/ul	99
79) Pyrene	19.44	202	857705	27.08	ng/ul	99
82) Benzo(a)anthracene	21.19	228	419309	14.66	ng/ul	96
84) Chrysene	21.25	228	403109	14.88	ng/ul	95
87) Benzo(b)fluoranthene	22.77	252	432202	14.76	ng/ul	96
88) Benzo(k)fluoranthene	22.80	252	169427m	6.14	ng/ul	
90) Benzo(a)pyrene	23.34	252	315259	11.33	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	180539	5.94	ng/ul	96
92) Dibenzo(a,h)anthracene	25.70	278	54619	2.13	ng/ul	98
93) Benzo(g,h,i)perylene	26.38	276	104427	4.11	ng/ul	96

T.P 7/10/15

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