

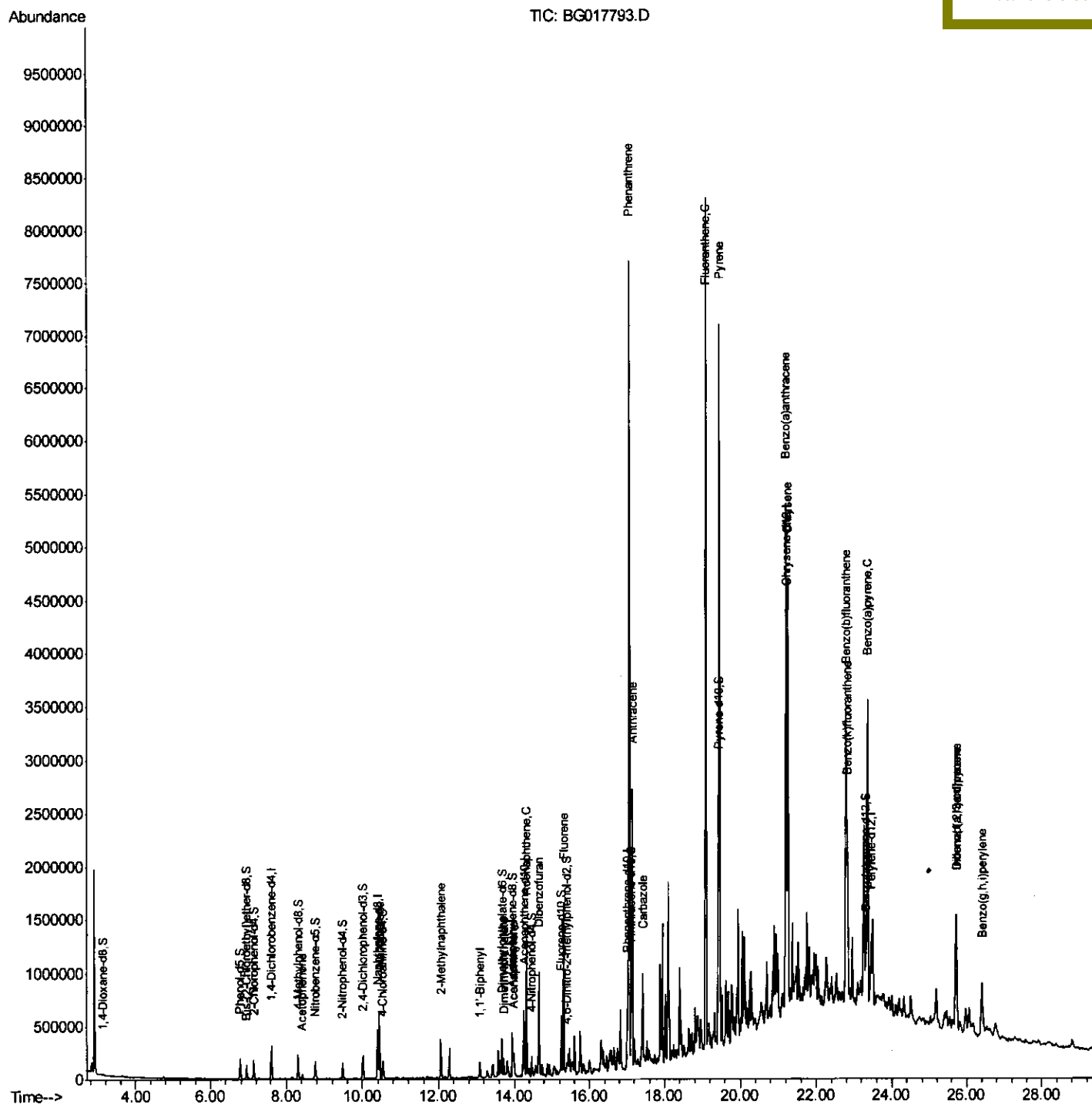
Data Path : Z:\HPCHEM1\BNA G\Data\BG070715\
 Data File : BG017793.D
 Acq On : 7 Jul 2015 12:55
 Operator : TP/UM
 Sample : G2860-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 G93J4

Quant Time: Jul 08 14:24:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:30:43 AM



Quantitation Report (Qedit)

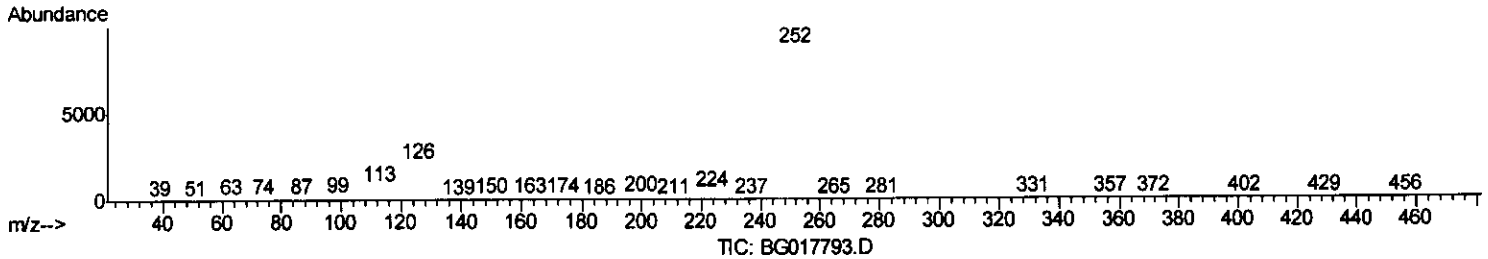
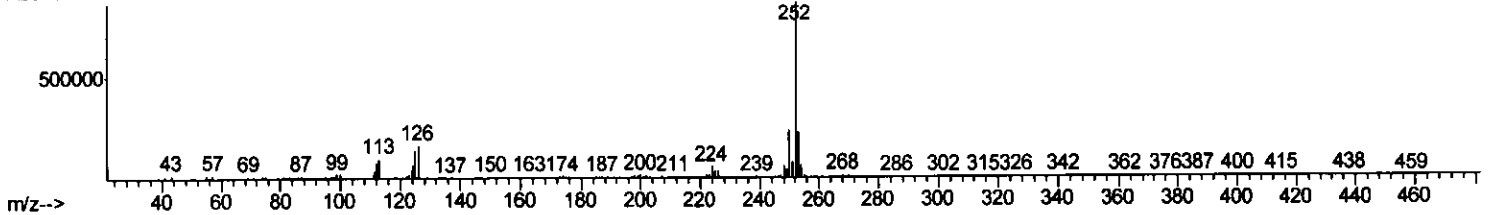
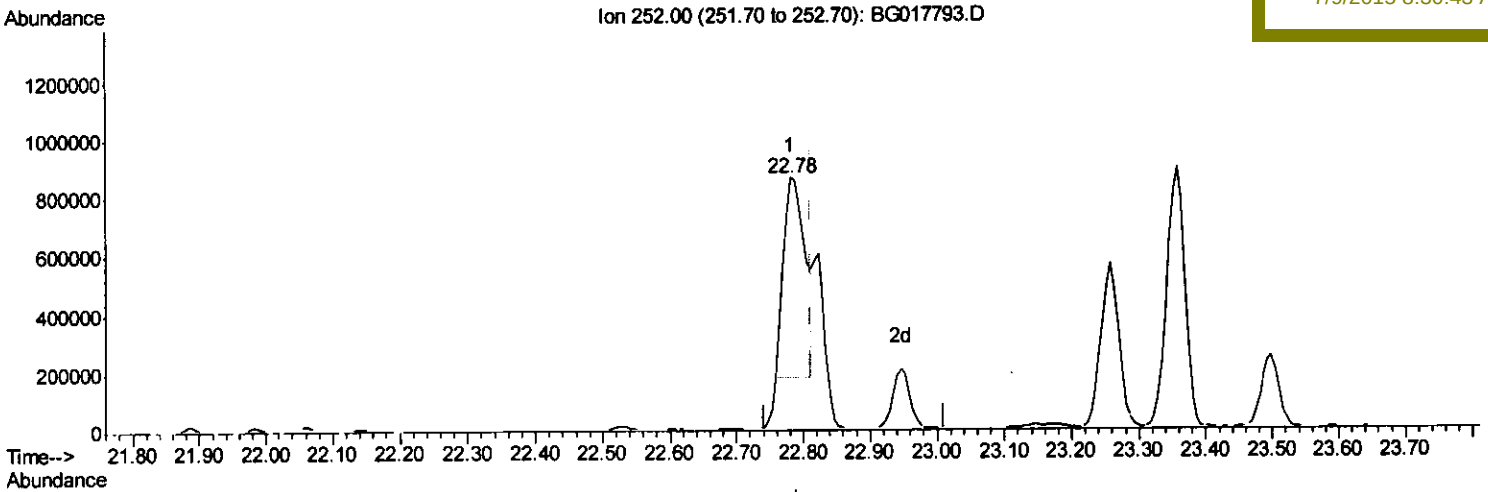
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017793.D
 Acq On : 7 Jul 2015 12:55
 Operator : TP/UM
 Sample : G2860-09RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J4

Quant Time: Jul 08 03:37:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:30:43 AM



(88) Benzo(k)fluoranthene

22.782min (-0.030) 62.41ng/ul

response 1532742

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	26.37
125.00	14.50	16.09
0.00	0.00	0.00

Quantitation Report (Qedit)

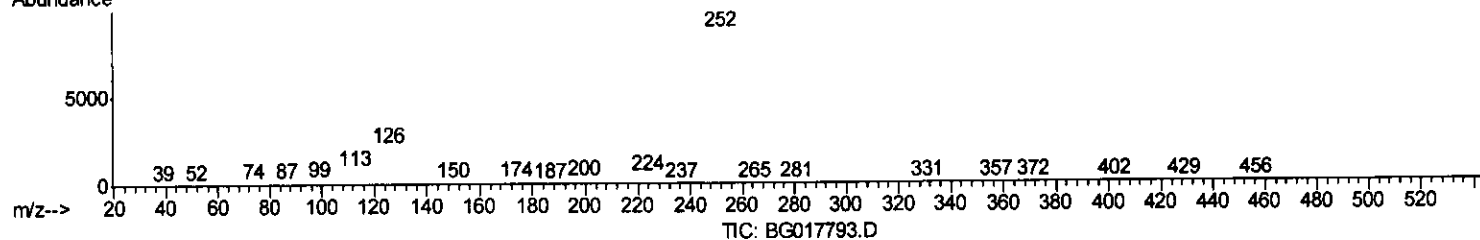
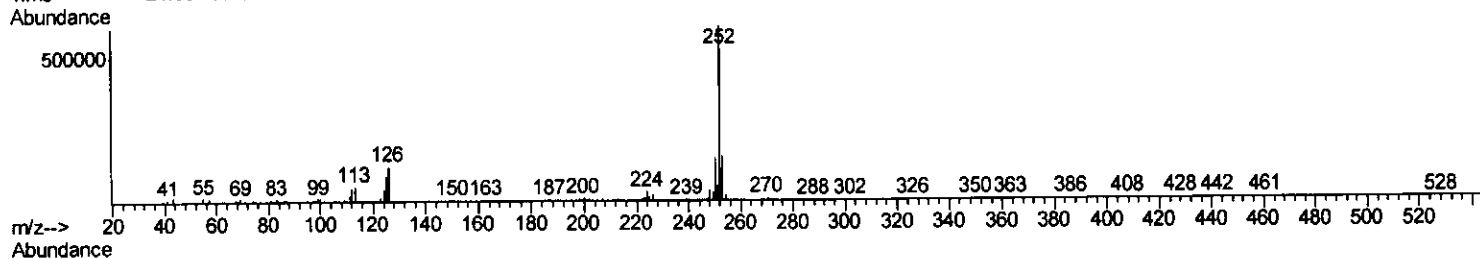
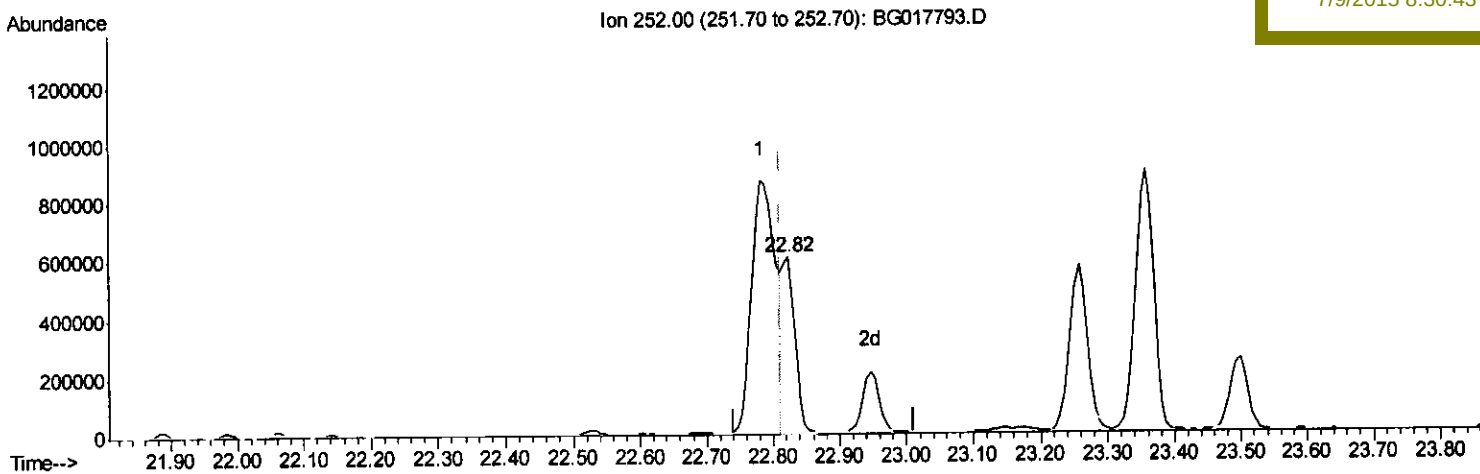
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070715\
 Data File : BG017793.D
 Acq On : 7 Jul 2015 12:55
 Operator : TP/UM
 Sample : G2860-09RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J4

Quant Time: Jul 08 03:37:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:30:43 AM



(88) Benzo(k)fluoranthene

22.823min (+0.012) 30.46ng/ul m

response 748055

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	25.25
125.00	14.50	14.59
0.00	0.00	0.00

T. P
 7/10/15

Quantitation Report (Qedit)

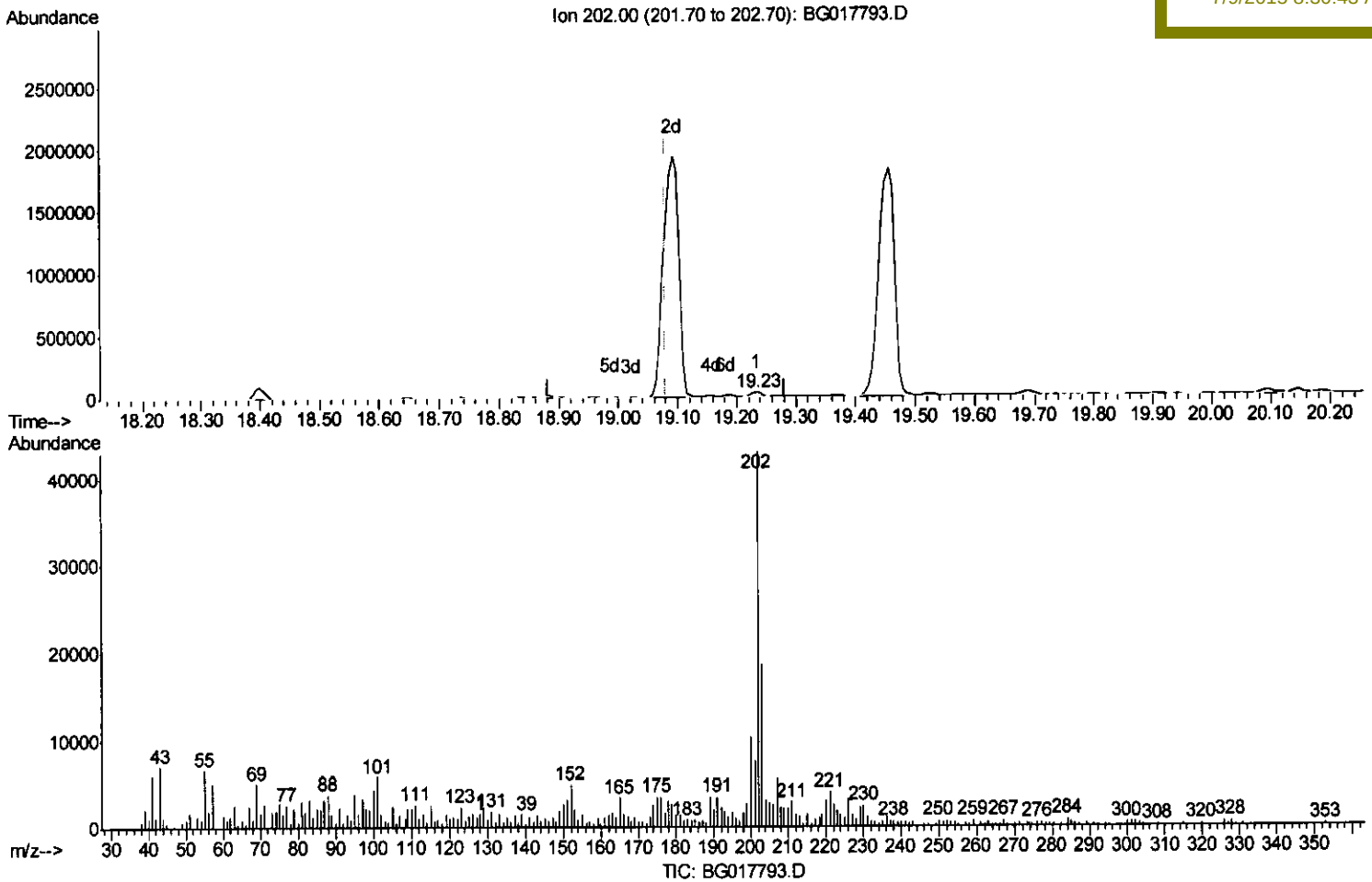
Data Path : Z:\HPCHEM1\BNA G\Data\BG070715\
 Data File : BG017793.D
 Acq On : 7 Jul 2015 12:55
 Operator : TP/UM
 Sample : G2860-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J4

Quant Time: Jul 08 04:08:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:30:43 AM



(76) Fluoranthene (C)

19.233min (+0.153) 2.13ng/ul

response 44198

Ion	Exp%	Act%
202.00	100	100
101.00	15.70	13.40
100.00	11.40	10.09
0.00	0.00	0.00

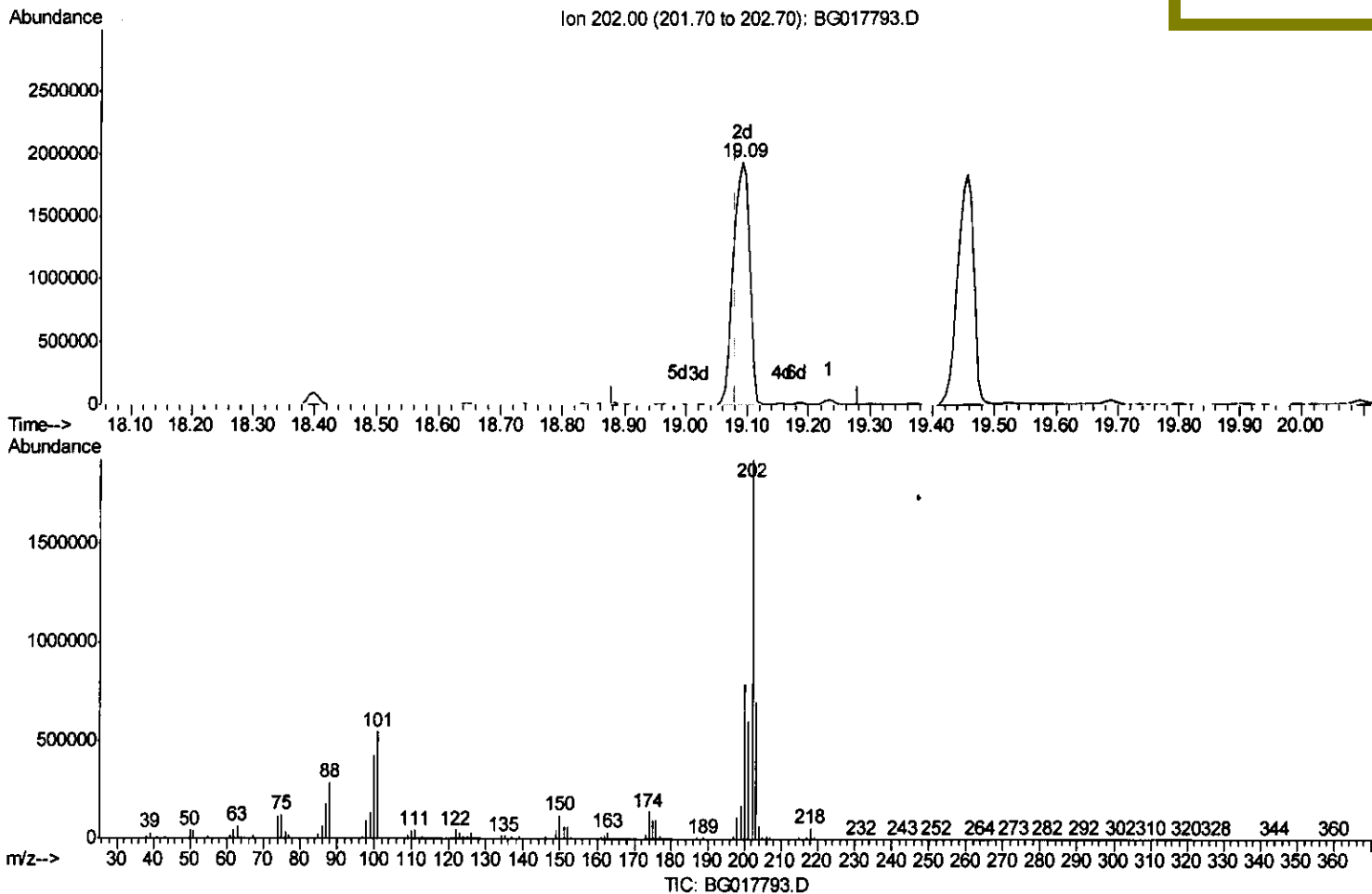
Data Path : Z:\HPCHEM1\BNA G\Data\BG070715\
 Data File : BG017793.D
 Acq On : 7 Jul 2015 12:55
 Operator : TP/UM
 Sample : G2860-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J4

Quant Time: Jul 08 04:08:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:30:43 AM



(76) Fluoranthene (C)

19.092min (+0.012) 170.62ng/ul m

response 3543352

Ion	Exp%	Act%
202.00	100	100
101.00	15.70	28.38#
100.00	11.40	21.98#
0.00	0.00	0.00

T.P
 7/10/15

Data Path : Z:\HPCHEM1\BNA G\Data\BG070715\
 Data File : BG017793.D
 Acq On : 7 Jul 2015 12:55
 Operator : TP/UM
 Sample : G2860-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93J4

Quant Time: Jul 08 14:24:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 03:36:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/9/2015 8:30:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	75334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	344992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	205266	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	394377	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	446936	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	455893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4538	2.38	ng/uL	0.00
5) Phenol-d5	6.78	99	100380	15.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	56482	14.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	81701	15.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	78480	15.08	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	39809	15.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	43054	16.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	74289	15.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	89962	13.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	206931	15.23	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	276837	15.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	33370	12.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	201101	14.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	10336	5.65	ng/ul	0.00
70) Anthracene-d10	17.11	188	281910	15.68	ng/ul	0.00
78) Pyrene-d10	19.42	212	296055	13.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	274445	13.67	ng/ul	0.01

Target Compounds

					Ovalue
14) Acetophenone	8.42	105	19299	2.52	ng/ul 92
28) Naphthalene	10.44	128	492037	27.57	ng/ul 98
34) 2-Methylnaphthalene	12.06	142	171721	13.56	ng/ul 95
40) 1,1'-Biphenyl	13.08	154	67261	4.43	ng/ul 100
44) Dimethylphthalate	13.72	163	99772	6.61	ng/ul 98
47) Acenaphthylene	13.98	152	122388	6.11	ng/ul 95
49) Acenaphthene	14.32	153	469957	34.84	ng/ul 97
53) Dibenzofuran	14.66	168	528157	29.05	ng/ul 96
58) Fluorene	15.31	166	626197	38.77	ng/ul 96
69) Phenanthrene	17.06	178	3400510	157.76	ng/ul# 66
71) Anthracene	17.15	178	1429602	64.48	ng/ul 95
74) Carbazole	17.42	167	463140	25.09	ng/ul 99
76) Fluoranthene	19.09	202	3543352m	170.62	ng/ul
79) Pyrene	19.46	202	3338856	122.42	ng/ul# 73
82) Benzo(a)anthracene	21.20	228	1968716	79.94	ng/ul# 87
84) Chrysene	21.25	228	1770755	75.92	ng/ul# 88
87) Benzo(b)fluoranthene	22.78	252	2193857	84.19	ng/ul# 90
88) Benzo(k)fluoranthene	22.82	252	748055m	30.46	ng/ul
90) Benzo(a)pyrene	23.36	252	1697083	68.53	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	25.72	276	980317	36.26	ng/ul 94
92) Dibenz(a,h)anthracene	25.72	278	262800	11.51	ng/ul# 74
93) Benzo(a,h,i)perylene	26.41	276	614130	27.15	ng/ul 96

J.P.
 7/10/15

Data Path : Z:\HPCHEM1\BNA G\Data\BG070715\
Data File : BG017793.D
Acq On : 7 Jul 2015 12:55
Operator : TP/UM
Sample : G2860-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 08 14:24:11 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 03:36:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Instrument :
BNA_G
ClientSampleId :
G93J4

Manual Integrations
APPROVED

apatel
7/9/2015 8:30:43 AM